

中国地震台网观测报告

BULLETIN OF SEISMOLOGICAL
OBSERVATIONS OF CHINESE STATIONS

1983

下册



国家地震局地球物理研究所编

地震出版社出版

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中国 北京

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INSTITUTE OF GEOPHYSICS
STATE SEISMOLOGICAL BUREAU

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BEIJING CHINA

1989

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
1983 6 1								mb(NEIS)=5.5							
O=00 58 45.9 +/- 0.12 SEC								STATIONS USED=112, STAND DEV=1.85 SEC							
LAT=40.28N +/- 2.50 KM								QZH	11.2	349	IPR	01 39 33.0	- 0.1		
LONG=139.28E +/- 1.77 KM											P=N			5.0	7.6
DEPTH=38KM +/- 0.47 KM											P=E			5.0	1.7
Ms(CHINA)=4.1/5, mb(NEIS)=5.0, ML(CHINA)=4.6/1											S	01 41 34.5	- 0.3		
STATIONS USED=39, STAND DEV=2.05								GZH	11.6	323	IPR	01 39 37.8	- 0.3		
MDJ	8.4	304	EP	01 00 47.0	- 0.8						P=N			4.0	6.6
			ES	01 02 22.0	- 0.1						P=E			4.0	5.9
			XS	01 02 32.0							P=Z			5.0	7.7
			LE		Ms=4.3	12.0	2.7				AP	01 40 17.0			
CN2	10.9	293	PD	01 01 20.5	- 1.8						S	01 41 47.5	3.6		
			XP	01 01 31.0	- 4.2						LN			11.0	11.9
			ES	01 03 20.0	- 3.8						LE			10.0	9.1
			LN		Ms=4.1	18.0	1.6	QZN	11.7	297	IPR	01 39 40.0	- 0.1		
SNY	12.0	282	EP	01 01 36.0	- 0.9						P=Z			5.0	0.6
			LN		Ms=4.0	12.0	0.5				I	01 40 23.0			
			LE			13.0	0.7				S=N			10.5	9.0
SSE	17.3	243	EP	01 02 49.0	2.7						S=E			10.0	5.6
			ES	01 06 00.0	- 1.3			SSE	17.1	0	IPR	01 40 45.0	0.4		
			SS	01 06 16.0	- 0.7						P=N			5.0	7.7
			LN		Ms=4.2	10.0	0.6				P=E			5.0	0.9
BJI	17.7	276	EP	01 02 52.0	1.2						P=Z			6.0	10.8
			P=Z			1.5	0.1				XP	01 41 49.0	0.3		
TIA	17.9	263	EP	01 02 53.8	0.4						IS	01 43 56.0	10.4		
NJ2	18.4	249	PD	01 03 01.6	1.7						S=N			9.0	7.1
			P=N			1.0	0.1	WHN	17.6	341	IPD	01 40 50.2	0.3		
			SS	01 06 42.0	- 2.2						P=Z			4.0	5.2
			P=N			12.0	0.6				PCP	01 45 15.5	- 0.7		
TIY	21.0	271	EP	01 03 28.0	- 0.8						S	01 44 00.0	4.4		
			EXS	01 07 26.0	- 4.7						S=N			9.0	4.8
			LE		Ms=4.1	12.0	0.5	NJ2	18.2	354	IPR	01 40 56.0	0.5		
HHC	21.0	280	PD	01 03 29.3	0.1						P=Z			4.0	5.2
WHN	22.5	252	E(P)	01 03 42.5	- 0.7						S	01 44 14.0	7.8		
XAN	24.9	265	EP	01 04 05.6	- 1.6						LN			12.0	3.3
LZH	28.0	272	P	01 04 34.0	- 2.4						LE			15.0	5.5
			P=Z			1.5	0.1	GYA	18.2	315	PR	01 40 57.0	0.5		
GTA	30.1	281	P	01 04 52.6	- 2.4						XP	01 41 59.0	- 4.1		
			I	01 07 56.9	-						S	01 44 12.0	3.8		
CD2	30.2	263	EP	01 04 52.6	- 2.7						S=N			8.0	12.5
											S=E			8.0	18.3
1983 6 1								KMI	20.4	305	IPD	01 41 19.5	1.3		
O=01 36 58.5 +/- 0.32 SEC											ES	01 44 50.0	2.0		
LAT=13.91N +/- 2.13 KM											S=N			8.0	13.2
LONG=120.87E +/- 2.52 KM											S=E			10.0	22.3
DEPTH=243KM +/- 3.22 KM								TIA	22.5	352	PD	01 41 38.4	0.1		

June

STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
XAN	22.8	333	P=N			4.0	4.2	LZH	26.9	328	SS	01 48 04.0	- 1.9		
			P=E			4.0	0.9				LN			8.0	1.6
			P=Z			4.0	4.8				IPD	01 42 19.0	- 0.2		
			AP	01 42 21.0							P=Z			3.0	3.0
			XP	01 42 47.0	- 4.9						AP	01 43 04.0	- 2.0		
			PCP	01 45 28.0	2.9						I	01 45 53.0			
			S	01 45 24.0	0.1						I	01 46 10.0			
			S=N			11.0	6.9				S	01 46 38.0	1.5		
			S=E			9.0	3.8				SS	01 48 05.5	- 11.4		
			I	01 46 55.0							SCP	01 48 48.0	- 2.1		
			SCS	01 52 25.6	3.3						PCS	01 49 09.0	- 5.6		
			IPD	01 41 41.0	- 0.4						LN			6.0	9.1
			P=N			4.0	1.7				LE			7.0	6.3
			P=E			4.0	1.2	SNY	27.9	4	IPR	01 42 28.0	- 0.6		
			P=Z			4.0	2.7				AP	01 43 12.0	- 4.1		
CD2	23.1	319	AP	01 42 24.5							P=N			4.0	1.2
			IS	01 45 30.0	0.5						P=Z			4.0	1.7
			S=N			5.0	1.7				IS	01 46 50.0	- 3.2		
			S=E			6.0	6.1				LN			10.0	1.9
			LN			13.0	5.7				LE			10.0	0.6
			LE			13.0	5.7	HHC	28.0	344	TPC	01 42 30.5	0.6		
			P	01 41 44.6	0.1						PP	01 43 30.0	- 2.1		
			P=Z			0.8	0.6				S	01 46 59.0	3.5		
			AP	01 42 25.5							SS	01 48 43.0	- 0.2		
			I	01 42 56.0							S=E			6.0	1.3
			S	01 45 35.5	0.5						EP	01 42 30.0	- 1.6		
			S=N			5.0	6.2				AP	01 43 15.5	- 3.5		
			PR	01 42 01.0	0.0						S	01 46 59.0	0.5		
			P=Z			3.0	1.5				XS	01 48 17.5	- 5.3		
			AP	01 42 44.0							LN			9.0	0.9
			S	01 45 59.0	- 5.2						LE			9.0	2.0
			XS	01 47 18.0							LZ			7.0	0.7
DL2	24.9	1	LN			9.0	3.5	CN2	30.0	6	EP	01 42 49.5	2.0		
			PR	01 42 00.0	- 1.2						P=Z			4.0	1.7
			AP	01 43 09.0							AP	01 43 35.5	0.0		
			S	01 46 04.0	- 0.7						PP	01 44 04.0	7.4		
			S=N			9.0	2.0				S	01 47 35.5	8.6		
			S=E			5.0	1.7				S=E			6.0	2.0
			SS	01 47 28.0	- 9.1						XS	01 48 55.0	2.7		
			LN			12.0	2.0				PCS	01 49 23.0	- 1.6		
			LE			11.0	0.9				IPD	01 42 59.6	- 0.2		
			IPR	01 42 14.0	- 0.5						P=Z			4.0	1.8
			AP	01 42 59.0	- 2.2						AP	01 43 44.6	- 3.6		
			ES	01 46 31.0	2.9						PP	01 44 14.5	0.8		
			S=N			8.0	2.1	GTA	31.4	327	PCP	01 45 47.5	1.2		
			XS	01 47 48.0	- 3.2						SCP	01 49 08.8	4.1		
BJI	26.4	351													

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STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ			
MDJ	31.5	11	IS	01 47 49.5	0.4			SSE	78.0	307	I	02 22 53.5						
			XS	01 49 11.0	- 3.7						PR	02 11 35.0	- 1.2					
			SCS	01 53 03.3	1.6						P _m Z			18.0	4.6			
			S _m E			7.5	2.5				I	02 12 34.0						
			LE			11.0	2.4				ESKS	02 21 25.0	- 2.1					
			PD	01 43 00.0	- 0.1						ESCS	02 21 32.0	- 2.8					
			AP	01 43 45.0	- 3.6						LE			30.0	6.0			
			XP	01 44 11.0	- 5.6						PD	02 11 43.0	- 1.1					
			PP	01 44 17.0	2.7						AP	02 12 29.0	1.8					
			ES	01 47 51.0	1.5						XP	02 12 50.0	3.5					
LSA	31.6	304	P	01 43 02.3	0.6			MDJ	79.5	322	ES	02 21 19.0	-10.5					
			AP	01 43 49.9	0.2						SCS	02 21 36.0	-10.7					
			IS	01 47 50.9	- 1.5						PS	02 22 27.0						
			S _m N			8.0	2.6				LZ			35.0	13.5			
			S _m E			7.0	2.3				NJ2	80.3	307	IPR	02 11 48.0	- 0.1		
			P	01 44 21.0	- 0.1						P _m Z			11.0	5.0			
			AP	01 45 09.0	- 2.4						XP	02 12 48.0	- 2.6					
			PP	01 46 02.0	0.0						ES	02 21 34.0	- 3.3					
			SCP	01 49 43.0	2.7						LN			34.0	6.4			
			IS	01 50 17.0	1.0						ISKP	02 41 44.0						
WMQ	41.1	322	S _m N			6.0	1.9	GZH	81.0	297	IPR	02 11 52.0	- 0.1					
			S _m E			7.0	3.6				XP	02 12 57.4	2.7					
			SS	01 53 25.0	2.5						P _m Z			7.0	5.7			
			SCS	01 54 00.0	4.5						LN			11.0	1.1			
			LN			13.0	3.8				LE			11.0	1.5			
			P	01 45 09.0	2.4						DL2	81.5	314	IPR	02 11 55.0	0.6		
			AP	01 45 55.0	- 3.0						P _m N			4.0	1.1			
			IS	01 51 41.0	2.9						P _m E			4.0	2.1			
			S _m N			6.0	3.7				P _m Z			4.0	5.5			
			SCS	01 54 39.0	7.4						XP	02 12 59.0	2.0					
KSH	46.9	311									ES	02 21 49.0	- 0.7					
												EXS	02 23 12.0	6.7				
												LN			17.0	1.7		
												LE			12.0	1.4		
			P	01 45 09.0	2.4			IPD	02 11 55.3	0.6								
			AP	01 45 55.0	- 3.0			P _m Z			4.0	4.6						
			IS	01 51 41.0	2.9			EAP	02 12 40.0	2.0								
			S _m N			6.0	3.7	XP	02 13 01.0	3.8								
			SCS	01 54 39.0	7.4			PP	02 15 06.0	1.8								
								S	02 21 50.0	- 0.2								
1983 6 1								CN2	81.5	320	S _m N			7.0	4.0			
O=01 59 55.2											IPR	02 11 55.5	0.2					
LAT=16.65S											P _m Z			3.5	11.6			
LONG=174.27W											AP	02 12 39.0	0.3					
DEPTH=180 KM											XP	02 12 56.0	- 1.9					
mb(NEIS)=6.2											S	02 21 57.5	6.0					
STATIONS USED=54, STAND DEV=1.22 SEC																		
QZH	77.4	300	IPR	02 11 33.0	0.6													
			P _m N			6.0	1.0											
			P _m E			6.0	1.0											
			P _m Z			6.0	10.8											
			XP	02 12 37.5	2.8													
			S	02 21 10.0	3.2													
			S _m N			7.0	1.3											
SNY	81.6	318	XS	02 22 28.0	6.1													

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STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	△ deg	AZ deg	PHASH	UTC h m s	RESID sec	T sec	A μ
QZN	82.6	292	SCS	02 22 02.0	- 2.1			XAN	88.7	306	XP	02 13 30.5	1.2		
			XS	02 23 16.0	8.8						SKS	02 22 28.0	- 6.2		
			IPR	02 12 00.5	0.2						S	02 22 40.0	-12.7		
			P _m Z			10.0	4.8				S _m E			7.0	2.6
			I	02 12 54.5							PS	02 24 05.0			
			XP	02 13 05.5	2.6						IPD	02 12 30.1	0.0		
			PP	02 15 08.0	- 4.9						XP	02 13 36.8	3.8		
			ES	02 22 01.0	- 0.3						ISKS	02 22 42.5	3.4		
			XS	02 23 26.0	8.8						S	02 23 05.0	5.1		
			SS	02 27 40.0	11.1						S _m N			8.0	6.2
WHN	83.1	304	IPD	02 12 02.5	- 0.4			HHC	89.3	313	S _m E			10.1	1.1
			P _m Z			7.0	4.5				PD	02 12 33.4	0.5		
			XP	02 13 08.5	3.0						XP	02 13 39.0	3.2		
			PP	02 15 14.0	- 2.9						PP	02 16 03.0	- 4.4		
			I	02 16 46.0							PP _m Z			8.0	2.1
			ES	02 22 06.0	- 0.3						S _m N			8.0	1.1
			LE			11.0	3.1				S _m E			8.0	1.9
			PD	02 12 03.9	- 0.4						PS	02 24 39.0			
			P _m N			13.0	1.3				EP	02 12 37.2	- 0.4		
			P _m E			13.0	2.1				IPD	02 12 41.5	1.2		
TIA	83.4	310	P _m Z			11.0	6.2	KMI	90.8	295	P _m Z			3.0	4.5
			AP	02 12 50.6	2.8						PP	02 16 18.0	- 0.8		
			XP	02 13 10.7	3.8						SKKS	02 23 10.0			
			I	02 15 15.0							S	02 23 22.0	2.5		
			S	02 22 13.0	3.9						P	02 12 44.8	0.3		
			S _m N			10.0	1.7				XP	02 13 51.0	3.6		
			S _m E			10.0	3.1				I	02 15 57.0			
			IPD	02 12 15.0	- 0.9						ESKS	02 23 00.0	2.8		
			AP	02 12 56.0	- 3.6						ES	02 23 22.0	- 5.4		
			XP	02 13 14.0	- 4.7						S _m E			8.5	3.2
BJJ	85.7	313	P _m N			6.0	0.8	LZH	93.3	306	PD	02 12 51.5	- 0.2		
			P _m E			6.0	2.0				P _m Z			2.0	0.5
			P _m Z			6.0	5.3				SKS	02 23 09.0	3.1		
			ES	02 22 24.0	- 7.9						S	02 23 41.0	0.0		
			S _m E			10.0	1.1				I	02 26 17.0			
			XS	02 23 43.0	- 5.3						LN			14.0	1.5
			PD	02 12 24.7	0.5						LE			14.0	1.9
			P _m Z			3.5	3.5				IPD	02 13 09.4	- 0.5		
			XP	02 13 30.0	3.0						AP	02 13 58.0	4.0		
			PP	02 15 45.5	- 7.3						XP	02 14 15.0	2.1		
TIY	87.4	310	S	02 22 37.0	-11.2			GTA	97.3	308	PP	02 17 05.0	- 5.7		
			S _m E			8.0	2.2				SKS	02 23 30.5	3.2		
			XS	02 23 59.0	- 5.9						S	02 24 12.0	- 3.2		
			PR	02 12 27.0	0.5						S _m E			11.0	4.4
			P _m Z			4.0	6.2				LE			17.5	1.9
			AP	02 13 11.0	0.8						PR	02 13 30.9	- 0.2		
GYA	87.9	298						LSA	101.9	297					

June

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
NJ2	81.4	306	SCS	11 21 14.0	2.2			TIY	88.5	309	XP	11 11 39.0	- 0.5		
			PS	11 21 47.0			ES				11 21 55.0	- 5.2			
			LZ	Ms=6.2	32.0	12.4	S _m N						8.0	0.8	
			PR	11 11 00.0	0.4		S _m E						8.0	1.4	
			P _m Z		10.0	1.4	XS				11 22 10.0	- 5.8			
CN2	82.2	319	S	11 21 10.0	2.4			GYA	89.3	297	LN	Ms=5.6	16.0	1.8	
			S _m E		20.0	5.5	EP				11 11 33.2	- 1.8			
			PC	11 11 01.6	- 2.6		S				11 22 09.0	- 8.2			
			P _m Z		7.0	2.0	S _m E						9.0	3.0	
			AP	11 11 06.3	- 7.2		I				11 23 20.0				
DL2	82.4	313	ES	11 21 04.0	-12.6			XAN	89.8	305	LE	Ms=5.7	16.0	2.2	
			S _m E		10.0	4.0	P				11 11 41.0	2.1			
			LN	Ms=5.9	13.0	3.1	S				11 22 14.0	-10.7			
			EP	11 11 05.5	0.7		S _m E						9.0	6.1	
			AP	11 11 16.0	1.9		EP				11 11 43.0	1.4			
GZH	82.4	296	XP	11 11 20.0	2.0			HHC	90.2	312	S	11 22 15.0	-15.0		
			ES	11 21 15.0	- 2.8		LN				Ms=5.8	15.0	2.7		
			S _m N		8.0	3.0	LE						15.0	1.2	
			S _m E		7.0	1.4	EP				11 11 41.1	- 2.3			
			XS	11 21 34.0	0.6		S				11 22 20.0	-13.6			
SNY	82.4	317	LN	Ms=5.9	16.0	4.5		BTO	91.2	311	S _m N			8.0	1.1
			LE		8.0	0.3	S _m E						8.0	1.6	
			EP	11 11 07.6	2.6		XS				11 22 46.0	- 3.0			
			I	11 11 47.0			EP				11 11 46.5	- 1.7			
			ES	11 21 15.0	- 3.2		EP				11 11 56.0	3.2			
QZN	84.1	291	S _m N			8.0	1.4	KMI	92.2	295	P	11 11 59.0	2.7		
			S _m E			9.0	3.4				SKS	11 22 33.0	8.0		
			LE	Ms=5.7	15.0	2.4	S _m N						8.0	2.1	
			IPU	11 11 07.0	1.8		LN				Ms=5.7	12.0	1.7		
			S	11 21 25.0	6.4		EP				11 12 05.0	2.1			
TIA	84.4	309	S _m E			10.0	4.3	LZH	94.4	306	P _m Z			2.0	0.1
			LN	Ms=5.9	15.0	3.6	SKS				11 22 42.0	9.2			
			EP	11 11 17.5	3.9		S				11 23 03.0	- 7.5			
			S	11 21 43.0	7.8		PS				11 25 21.0				
			S _m N			13.0	1.3				GTA	98.4	308	EP	11 12 19.5
S _m E			13.0	3.2	PP	11 16 27.0	4.4								
LE	Ms=5.8	20.0	4.0	LE	Ms=6.0	19.0	4.8								
EP	11 11 13.0	- 1.6													
IS	11 21 40.0	2.8													
WHN	84.3	303	S _m N			9.0	1.8	1983 6 1							
			S _m E			9.0	4.0	O=11 17 38.7 +/- 0.14 SEC							
			EP	11 11 12.9	- 2.3		LAT=44.03N +/- 2.51 KM								
			S	11 21 28.5	- 9.8		LONG=88.61E +/- 1.29 KM								
			S _m N			10.0	3.5	DEPTH=21 KM +/- 0.18 KM							
BJI	86.7	313	S _m E			9.0	7.1	Ms(CHINA)=4.5/3, mb(NEIS)=5.1, ML(CHINA)=5.2/5							
			EP	11 11 24.5	- 1.8		STATIONS USED=50, STAND DEV=1.94 SEC								
							WMQ 0.7 252 IPGC 11 17 54.8 3.0								

June

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
KMI	64.2	77	EP	14 55 09.0	- 1.4						LN		Ms=4.5	15.0	0.9
1983 6 1								TIA	28.1	308	EP	00 48 10.1	- 3.5		
O=20 09 55.6			+/-	0.54 SEC				I				00 53 12.0			
LAT=52.68S			+/-	19.79 KM				WMQ	51.8	309	EP	00 51 28.0	- 1.6		
LONG=9.53E			+/-	6.30 KM				1983 6 2							
DEPTH=4 KM			+/-	3.27 KM				O=02 11 30.9			+/-	1.48 SEC			
Ms(CHINA)=5.6/1, Ms(NEIS)=5.4, mb(NEIS)=5.7								LAT=21.14N			+/-	3.21 KM			
STATIONS USED=11, STAND DEV=1.08 SEC								LONG=144.25E			+/-	4.54 KM			
WMQ	117.2	52	PKP	20 28 43.5	0.2			DEPTH=32 KM			+/-	13.35 KM			
LZH	120.1	69	EPKP	20 28 49.5	0.3			Ms(CHINA)=4.3/3, mb(NEIS)=4.9							
GTA	120.3	63	PKP	20 28 49.4	0.0			STATIONS USED=24, STAND DEV=3.00 SEC							
NJ2	126.2	82	EPKP	20 29 01.6	1.0			SSE	22.9	300	EP	02 16 33.5	0.1		
			PKP _{mE}			20.0	0.5	S				02 20 37.0	- 0.1		
TIY	126.2	73	EPKP	20 29 00.4	- 0.4			S _{mE}						12.0	0.8
			LN		Ms=5.6	18.0	1.1	QZH	23.9	284	EP	02 16 54.0	11.0		
TIA	128.0	77	EPKP	20 29 03.8	- 0.4			S				02 20 57.0	2.7		
			I	20 32 24.0				S _{mE}						7.0	0.6
BJI	130.0	73	EPKP	20 29 07.0	- 0.9			NJ2	25.1	300	EP	02 16 50.0	- 4.7		
			P _{mZ}			1.5	0.03	S				02 21 05.0	-10.0		
DL2	132.4	78	EPKP	20 29 12.0	- 0.7			LE					Ms=4.0	16.0	0.4
CN2	137.7	75	EPKP	20 29 25.3	2.8			DL2	26.3	317	EP	02 17 08.0	2.3		
MDJ	140.6	77	EPKP	20 29 26.5	- 1.3			MDJ	26.4	335	EP	02 17 09.8	3.4		
1983 6 2								SNY	27.0	324	EP	02 17 11.0	- 1.3		
O=00 42 21.6			+/-	0.15 SEC				S				02 21 49.0	2.9		
LAT=20.87N			+/-	5.25 KM				LN					Ms=4.3	22.0	0.8
LONG=144.21E			+/-	3.84 KM				LE						22.0	0.5
DEPTH=30 KM			+/-	1.87 KM				CN2	27.5	329	EP	02 17 17.0	0.3		
Ms(CHINA)=4.3/2, mb(NEIS)=4.7								ES				02 21 55.0	1.2		
STATIONS USED=15, STAND DEV=3.01 SEC								LN					Ms=4.4	15.0	0.8
SSE	23.0	300	EP	00 47 22.0	- 3.3			TIA	28.0	308	EP	02 17 18.2	- 3.3		
			ES	00 51 27.0	- 2.9			I				02 02 21.9			
			S _{mE}			9.0	0.7	WMQ	51.7	309	EP	02 20 38.2	0.5		
QZH	23.9	284	EP	00 47 39.0	4.9			1983 6 2							
			S	00 51 53.0	7.2			O=11 21 15.5			+/-	0.19 SEC			
			S _{mN}			7.0	0.6	LAT=46.43N			+/-	4.63 KM			
NJ2	25.2	301	EP	00 47 44.0	- 2.5			LONG=153.51E			+/-	2.74 KM			
			IS	00 52 20.0	12.3			DEPTH=31 KM			+/-	0.34 KM			
			S _{mE}			14.0	1.2	Ms(CHINA)=4.4/3, Ms(NEIS)=4.2, mb(NEIS)=4.8							
			LE		Ms=4.1	16.0	0.5	STATIONS USED=29, STAND DEV=2.02 SEC							
DL2	26.5	317	EP	00 48 06.0	7.9			MDJ	16.9	272	EP	11 25 12.8	1.9		
			S	00 52 34.0	5.9			CN2	19.9	272	EP	11 25 41.0	- 7.0		
SNY	27.2	324	EP	00 48 01.0	- 3.9			LN					Ms=4.5	16.0	1.5
CN2	27.7	329	EP	00 48 10.0	0.6			SNY	21.9	268	EP	11 26 07.8	- 0.3		
			ES	00 52 48.0	- 0.2			LN					Ms=4.3	21.0	1.4

STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	Δ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
DL 2	24.5	263	EP	11 26 34.5	1.0						APKP	20 33 21.0			
TI A	28.9	262	EP	11 27 09.3	- 5.3						PKS	20 34 44.0			
TI Y	31.4	268	EP	11 27 38.0	1.4						SKKS	20 40 10.0			
			LE			16.0	0.7	WMQ	141.1	24	PKP	20 31 10.0	- 4.3		
XAN	35.8	265	EP	11 28 14.7	0.5						PKP _m Z			6.0	1.8
LZH	38.2	272	EP	11 28 36.0	1.4						APKP	20 33 32.0			
GTA	39.3	279	P	11 28 45.1	1.2						PP	20 34 13.0	-13.2		
CD 2	41.1	265	EP	11 29 00.8	1.8						SKKS	20 39 58.5			
GYA	41.9	258	P	11 29 06.6	1.1			CN 2	142.8	339	I PKPD	20 31 14.5	- 2.6		
LSA	50.6	273	EP	11 30 16.0	1.7						PKP _m Z			6.0	2.5
											APKP	20 33 31.5			
											I PP	20 34 32.5	- 3.4		
											PP _m Z			5.0	1.7
											SKKS	20 40 23.0			
											SS	20 52 17.0	- 8.9		
								SNY	145.2	340	I PKPR	20 31 22.4	1.2		
											I PKP ₂	20 31 24.0			
											PKP _m Z			6.5	8.2
											APKP	20 33 34.5			
											PP	20 34 49.0	- 1.1		
											PKS	20 35 03.0			
											SKKS	20 40 39.0			
								DL 2	148.4	340	I PKPR	20 31 27.8	1.3		
											PKP _m Z			4.0	3.8
											APKP	20 33 47.5			
											PP	20 35 08.0	- 1.1		
											PP _m Z			4.0	1.9
											SKKS	20 40 57.0			
								HHC	148.6	355	I PKPD	20 31 29.4	2.5		
											APKP	20 33 46.5			
											PP	20 35 07.0	- 2.6		
								BJ 1	148.8	348	PKP	20 31 29.0	2.0		
											PKP _m Z			1.5	0.3
											PKP ₂	20 31 34.0			
											APKP	20 33 47.0			
											PP	20 34 58.0	-12.6		
											PP _m Z			6.0	0.6
											SKKS	20 40 59.0			
								BTO	148.9	358	I PKPR	20 31 29.5	2.1		
											APKP	20 33 48.6			
											EPP	20 35 08.0	- 3.3		
								GTA	149.1	13	PKP	20 31 29.6	1.9		
											APKP	20 20 33.4			
											PP	20 35 13.0	0.8		
											SKKS	20 40 60.0			
								TI Y	151.6	353	PKPD	20 31 33.4	1.9		

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STA.	△	AZ	PHASE	UTC	RESID	T	A	STA.	△	AZ	PHASE	UTC	RESID	T	A
CODE	deg	deg		h m s	sec	sec	μ	CODE	deg	deg		h m s	sec	sec	μ
TIA	152.2	345	PKP _m Z			5.0	1.3	CD2	158.1	11	I PKP2	20 32 07.0			
			PKP2	20 31 52.0							PKP _{2m} Z			6.0	1.4
			APKP	20 33 49.0							APKP	20 33 56.0			
			PP	20 35 25.5	- 1.0						PP	20 35 45.0	- 3.8		
			PKP _m Z			5.0	1.6				PP _m Z			4.5	1.7
			SKKS	20 41 34.0							SS	20 54 39.0	- 7.6		
			SS	20 53 57.0	- 6.6						PKP	20 31 42.5	2.4		
			PKP	20 31 33.9	1.6						PKP2	20 32 17.5			
			PKP _m Z			7.5	1.9				APKP	20 33 59.0			
			I	20 31 41.4							APKP2	20 34 28.0			
			PKP2	20 31 53.8							PKS	20 35 16.0			
			APKP	20 33 50.5							PP	20 36 00.0	- 2.4		
			APKP2	20 34 07.5							SKKS	20 41 51.0			
LZH	153.1	8	PKS	20 35 07.2				WHN	158.3	346	EPKP	20 31 41.0	0.7		
			PP	20 35 27.6	- 2.2						I PKP2	20 32 19.5			
			PP _m Z			8.0	1.6				APKP	20 33 58.0			
			I	20 35 52.0							APKP2	20 34 30.0			
			SKKS	20 41 16.0							PP	20 36 00.0	- 3.6		
			SS	20 54 04.5	- 6.4						PP _m Z			8.0	1.3
			PKP	20 31 36.5	2.9						PKP	20 31 46.0	1.9		
			PKP2	20 31 57.0							PKP2	20 32 36.0			
			APKP	20 33 52.0							APKP	20 34 00.0			
			PP	20 35 34.0	- 0.8						APKP2	20 34 45.0			
			PP _m Z			4.0	1.2				PP	20 36 20.0	- 2.1		
			SKKS	20 41 26.5							PP _m Z			4.0	1.8
			I PKPR	20 31 37.9	2.9						PKP	20 31 47.0	1.8		
			PKP _m Z			5.0	1.7	GYA	162.9	6	PKP2	20 32 40.0			
LSA	153.9	36	PKP2	20 32 03.1							APKP	20 34 04.0			
			SKKS	20 41 27.1							APKP2	20 34 49.0			
			S _m N			7.0	0.6				PP	20 36 24.0	- 3.0		
			S _m E			7.0	0.4				SKKS	20 42 14.0			
			I PKPR	20 31 38.0	1.3						I PKPD	20 31 48.0	2.2		
			PKP _m Z			5.0	1.4				PKP _m Z			4.0	1.8
			PKP2	20 32 07.0							PKP2	20 32 43.0			
			APKP	20 33 56.5							APKP	20 34 05.0			
			APKP2	20 34 17.0							APKP2	20 34 52.0			
			PP	20 35 45.5	- 2.4						PP	20 36 28.0	- 1.4		
			SKKS	20 41 36.0							SKS	20 37 45.0	- 7.0		
			PKPR	20 31 38.0	1.3						SKKS	20 42 16.0			
			PKP _m Z			2.0	0.3				ESS	20 56 05.0	- 1.2		
SSE	155.5	333	PKP2	20 32 08.0				GZH	165.7	342	I PKPD	20 31 50.0	2.4		
			APKP	20 33 54.0							PKP _m Z			6.0	1.8
			PP	20 35 48.0	- 0.3						PKP2	20 32 51.0			
			PP _m Z			2.0	0.5				APKP	20 34 06.5			
			I PKPR	20 31 38.0	1.2						PP	20 36 39.2	- 2.3		
			PKP _m Z			11.0	1.3				IPKPR	20 31 54.0	3.4		
								QZN	170.4	353					
N12	155.6	338													

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STA.	△	AZ	PHASE	UTC	RESID	T	A	STA.	△	AZ	PHASE	UTC	RESID	T	A
CODE	deg	deg		h m s	sec	sec	μ	CODE	deg	deg		h m s	sec	sec	μ
STATIONS USED = 24, STAND DEV = 0.89 SEC								KMI	2.0	197	I PNU	09 35 17.0	0.3		
KMI	41.0	321	EP	22 59 40.5	1.2						P _m N			2.0	1.9
CD2	44.9	328	P	23 00 09.5	- 0.6						P _m E			2.0	0.6
XAN	45.1	335	P	23 00 11.0	- 0.8						P _m Z			2.0	0.4
SNY	48.8	354	EP	23 00 40.8	0.2						SN	09 35 44.0	2.4		
LZH	49.0	332	EP	23 00 42.5	0.1						LN	Ms = 5.1		5.0	2.8
CN2	50.6	356	EP	23 00 54.2	- 0.2						LE			5.0	34.4
MDJ	51.3	0	EP	23 00 60.0	0.4			GYA	3.0	100	PG	09 35 34.0	- 3.8		
LSA	51.7	316	EP	23 01 02.3	- 0.3						SG	09 36 09.0	- 7.8		
GTA	53.6	331	P	23 01 16.4	0.0						S _m N	ML = 5.5		2.0	23.8
			I	23 01 34.9							S _m E			2.0	10.7
			PCP	23 02 21.4	2.0			CD2	3.8	4	PN	09 35 45.0	2.4		
			SCP	23 06 01.7	6.9						PG	09 35 56.0	2.1		
			S	23 08 32.1	0.2						SG	09 36 45.6	1.3		
			SCS	23 10 44.9	5.3			XAN	8.4	32	PC	09 36 45.3	- 1.6		
WMQ	63.0	327	PD	23 02 21.5	0.2						I	09 37 21.0			
											S	09 38 19.5	- 2.7		
1983 6 4											S _m N	ML = 6.2		7.0	6.6
O = 06 47 13.4			+/-	0.16 SEC							S _m E			6.0	4.3
LAT = 31.47 N			+/-	1.25 KM				LZH	9.0	2	EP	09 37 00.5	5.3		
LONG = 104.25 E			+/-	1.75 KM							I	09 37 22.5			
DEPTH = 4 KM			+/-	0.01 KM							SN	09 38 41.5	4.5		
ML (CHINA) = 4.0/5											LG ₁	09 39 24.5	- 2.0		
STATIONS USED = 7, STAND DEV = 2.34 SEC											LG ₂	09 39 42.0	1.3		
CD2	0.7	217	PG	06 47 26.8	0.6						LN	Ms = 5.0		10.0	1.6
			P11	06 47 29.0	3.7						LE			9.0	8.0
			SG	06 47 38.6	3.2			GZH	9.8	111	P	09 37 04.6	- 1.7		
LZH	4.6	355	EPN	06 48 25.0	- 0.8						S	09 38 49.5	- 7.6		
			PG	06 48 41.0	3.5						LG ₂	09 39 58.0	- 9.9		
			S _m N	ML = 3.8		1.4	0.1				LN	Ms = 5.2		7.0	6.8
			S _m E			1.8	0.2				LE			7.0	5.6
XAN	4.7	55	PN	06 48 23.3	- 3.5						LZ	Ms = 5.1		8.0	6.6
			PG	06 48 35.7	- 3.2			QZN	9.9	142	EP	09 37 05.4	- 2.5		
			SG	06 49 36.0	- 4.3						I	09 37 47.2			
			S _m N	ML = 4.1		1.2	0.3				ES	09 38 50.0	- 10.0		
			S _m E			1.0	0.2				LG ₂	09 40 00.0	- 11.6		
KMI	6.5	192	EPN	06 48 51.5	- 0.6						LN	Ms = 4.8		7.0	2.1
											LE			7.0	2.7
1983 6 4								WHN	10.2	67	P	09 37 11.0	- 0.4		
O = 09 34 43.6			+/-	0.67 SEC							S	09 38 58.5	- 7.7		
LAT = 27.06 N			+/-	1.60 KM							LN	Ms = 4.8		10.0	5.3
LONG = 103.42 E			+/-	1.40 KM				LSA	11.1	286	EP	09 37 23.7	- 0.8		
DEPTH = 27 KM			+/-	5.07 KM							ES	09 39 33.3	3.8		
Ms (CHINA) = 4.8/21, Ms (NEIS) = 4.3											LN	Ms = 4.3		12.0	1.9
mb (NEIS) = 5.0, ML (CHINA) = 4.8/9								GTA	12.7	347	EP	09 37 44.7	- 0.6		
STATIONS USED = 71, STAND DEV = 1.93 SEC											LG ₁	09 41 13.0	- 8.8		

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
			LE		Ms = 4.6	11.0	2.6	mb (NEIS) = 4.8, ML (CHINA) = 5.7/1							
TI Y	13.1	33	EP	09 37 48.4	- 2.0			STATIONS USED = 65, STAND DEV = 4.27 SEC							
			I	09 41 05.0				SSE	6.1	322	PD	12 43 38.8	- 2.8		
			LG ₂	09 41 48.5	- 6.1						P _m Z			0.5	0.1
			LN		Ms = 4.8	8.5	3.0				I	12 43 44.5			
QZH	13.8	95	EP	09 38 01.2	1.1						S _m N			1.4	1.1
			ELG ₂	09 42 10.0	- 9.3						S _m E			1.4	1.0
			LE		Ms = 4.9	6.0	2.5				S _m Z			1.5	2.1
NJ 2	14.3	66	PD	09 38 10.8	4.0			QZH	6.4	259	EP	12 43 47.6	1.6		
			LN		Ms = 5.0	9.0	4.4				S	12 44 55.0	- 4.8		
BTO	14.6	20	EP	09 38 08.5	- 1.6						LN		Ms = 4.5	11.0	4.8
TI A	14.8	48	P	09 38 12.8	- 0.3			NJ2	8.2	315	EP	12 44 07.0	- 3.5		
			ELG ₂	09 42 45.0	- 7.0						I LG ₁	12 44 14.0	- 12.4		
			LN		Ms = 4.5	15.0	1.8				I LG ₂	12 46 30.0	- 9.4		
			LE			15.0	1.9				LN		Ms = 4.9	10.5	9.1
HHC	15.3	24	EP	09 38 15.3	- 4.6			WHN	10.7	295	EP	12 44 42.5	- 3.1		
			LG ₁	09 42 45.5	0.9						S	12 46 49.5	3.1		
			LN		Ms = 4.7	9.0	2.1				LG ₂	12 47 49.0	- 14.1		
BJ I	16.7	36	EP	09 38 37.5	- 0.3						LN		Ms = 5.1	10.0	9.6
DL 2	19.3	47	I P U	09 39 12.5	3.4						LZ		Ms = 5.2	9.0	9.1
			P _m Z			3.0	0.5	GZH	11.5	256	EP	12 44 58.0	1.0		
			XP	09 39 20.0	- 0.5						ES	12 47 04.0	- 2.7		
			ES	09 42 44.0	4.3						LN			1.2	0.3
			LN		Ms = 4.6	6.0	0.6				LE			1.2	0.2
			LE			8.0	0.8	TI A	12.2	325	EP	12 45 05.7	- 0.3		
WMQ	21.0	326	PD	09 39 26.5	- 1.2						LN		Ms = 5.1	14.0	6.0
			ES	09 43 17.5	1.8						LE			14.0	8.6
			LN		Ms = 4.6	12.0	1.4	SNY	15.6	354	EP	12 45 49.6	- 0.6		
SNY	22.1	43	EP	09 39 40.2	1.2						LN		Ms = 5.0	15.0	3.2
			S	09 43 44.0	7.4						LE			15.0	7.2
			LN		Ms = 4.5	17.0	1.3	BJ I	15.8	332	EP	12 45 53.0	0.3		
			LE			15.0	1.0				P _m Z			1.3	0.03
CN 2	24.4	41	P	09 40 01.6	0.4						LN		Ms = 4.8	9.0	1.8
			EAP	09 40 06.0	- 3.2						LE			9.0	2.0
			ES	09 44 17.0	0.3			TI Y	15.9	318	EP	12 45 55.0	0.6		
			S _m N			6.0	0.6				I	12 49 25.5			
			S _m E			6.0	0.5				LG ₂	12 50 46.0	- 7.6		
			LN		Ms = 4.5	13.0	1.1				LE		Ms = 4.8	12.0	3.2
MDJ	27.3	43	EP	09 40 29.5	9.8			QZN	16.2	246	P	12 46 01.3	3.0		
											LN		Ms = 4.5	12.0	1.3
											LE			11.0	0.8
1983 6 4								XAN	16.3	302	EP	12 46 00.4	0.8		
O = 12 42 09.8											LN		Ms = 5.1	12.0	4.3
LAT = 26.31 N											LE			11.0	4.5
LONG = 125.54 E								GYA	16.9	274	P	12 46 14.0	6.4		
DEPTH = 18 KM											LN		Ms = 5.2	13.0	8.2
Ms(CHINA) = 5.1/26, Ms(NEIS) = 4.5															

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STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ
CN 2	17.4	359	EP	12 46 13.0	- 1.2			CD 2	44.4	330	EP	00 51 09.5	0.1		
			ES	12 49 19.0	-12.6			TI A	44.6	348	EP	00 51 09.4	- 0.9		
			LE	Ms = 5.0		16.0	7.0				PCP	00 52 51.8	2.0		
MDJ	18.6	9	EP	12 46 29.0	1.1			XAN	44.9	338	PD	00 51 12.4	- 0.7		
			S	12 49 60.0	3.3			TI Y	47.1	343	EP	00 51 30.0	- 0.5		
			LE	Ms = 5.3		11.0	8.9	LZH	48.7	334	EP	00 51 43.5	0.5		
HHC	18.6	324	P	12 46 27.1	- 0.9			SNY	49.2	356	EP	00 51 44.4	- 2.1		
			LN	Ms = 5.2		12.0	5.5	LSA	50.9	318	P	00 52 00.3	0.7		
			LE			12.0	5.3	CN 2	51.1	358	EP	00 51 59.4	- 1.4		
BTO	19.2	321	EP	12 46 34.5	- 1.4			GTA	53.3	333	P	00 52 16.9	0.0		
CD 2	19.7	288	EP	12 46 38.6	- 2.2			WMQ	62.5	328	IPD	00 53 21.1	- 0.1		
			S	12 50 23.0	6.7						PCP	00 53 58.2	0.5		
			LN	Ms = 5.4		11.0	10.5								
KMI	20.6	271	EP	12 46 50.0	- 0.8			1983 6 5							
			ES	12 50 30.0	- 5.6			O=05 34 40.1 +/- 0.21 SEC							
			LN	Ms = 5.1		13.0	5.7	LAT=6.00 S +/- 1.75 KM							
LZH	20.9	303	PC	12 46 53.0	- 1.4			LONG=146.24 E +/- 2.79 KM							
			P _m Z			2.0	0.2	DEPTH=118 KM +/- 2.54 KM							
			AP	12 47 05.0	4.4			mb (NEIS)=5.1							
			ES	12 50 50.0	7.6			STATIONS USED=46, STAND DEV=1.79 SEC							
			S _m E			5.0	0.6	QZN	43.6	305	EP	05 42 35.0	0.1		
			LN	Ms = 5.1		11.0	2.7	SSE	44.0	328	PC	05 42 38.0	0.4		
			LE			13.0	3.8				P _m Z			0.8	0.03
GTA	25.1	307	P	12 47 33.3	- 2.6			NJ 2	46.0	327	PD	05 42 53.8	0.4		
			LN	Ms = 5.1		11.0	1.4				P _m Z			1.0	0.03
			LE			12.0	2.8	WHN	47.5	321	P	05 43 06.2	1.0		
LSA	30.5	284	EP	12 48 26.3	1.5						LN			12.0	0.5
			ES	12 53 27.3	2.6			TI A	50.1	329	EP	05 43 23.6	- 1.9		
			LN	Ms = 4.9		15.0	1.9	GYA	50.1	311	P	05 43 26.8	1.0		
WMQ	35.2	309	P	12 49 02.5	- 2.9			SNY	51.9	338	EP	05 43 37.0	- 2.2		
			ES	12 54 29.0	- 8.4			KMI	52.4	308	IPD	05 43 44.5	1.4		
			LN	Ms = 5.2		12.0	2.5	MDJ	52.6	345	EP	05 43 43.0	- 1.1		
1983 6 5								CN 2	53.0	341	EP	05 43 46.4	- 1.1		
O=00 43 15.2 +/- 0.47 SEC								XAN	53.2	321	PD	05 43 47.8	- 1.1		
LAT=7.50 S +/- 2.25 KM								TI Y	53.7	326	EP	05 43 51.6	- 0.9		
LONG=127.49 E +/- 2.07 KM								LZH	57.7	319	P	05 44 21.0	- 0.5		
DEPTH=190 KM +/- 4.91 KM								GTA	62.3	320	P	05 44 52.2	- 0.3		
mb (NEIS)=5.2								LSA	63.6	307	PD	05 45 02.9	1.0		
STATIONS USED=39, STAND DEV=1.70 SEC								WMQ	72.3	319	P	05 45 55.5	0.1		
QZN	31.6	326	EP	00 49 22.8	0.4			1983 6 5							
WHN	39.9	342	PC	00 50 33.0	0.8			O=10 39 38.1 +/- 0.17 SEC							
NJ 2	40.2	348	PD	00 50 35.5	0.7			LAT=39.19 N +/- 0.00 KM							
			P _m Z			1.0	0.02	LONG=75.59 E +/- 0.01 KM							
			SCP	00 56 09.8	5.1			DEPTH=22 KM +/- 0.02 KM							
KMI	40.4	324	PD	00 50 39.5	2.6			Ms(CHINA)=4.8/19, Ms(NEIS)=4.5							

STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	RESID sec	T sec	A μ	STA. CODE	△ deg	AZ deg	PHASE	UTC h m s	PESID sec	T sec	A μ
mb(NEIS)=5.0, ML(CHINA)=4.9/3								TIA 32.8 81 EP 10 46 11.9 - 0.5							
STATIONS USED=50, STAND DEV=3.62 SEC								ES 10 51 28.3 0.9							
KSH	0.4	48	IPGU	10 39 44.7	- 1.7						LE		Ms=4.6	14.0	0.9
WMQ	10.2	59	EP	10 42 04.5	- 2.0						LZ		Ms=5.0	14.0	1.5
			LG1	10 45 00.0	1.9			NJ2	35.6	87	EP	10 46 35.4	- 1.2		
			LN		Ms=5.3	5.0	4.8				LE		Ms=4.9	17.0	1.8
			LE			4.0	4.8	SNY	36.2	70	EP	10 46 49.4	7.7		
LSA	15.9	121	P	10 43 23.3	0.0						LN		Ms=4.8	12.5	0.7
			S	10 46 28.3	8.4						LE			14.0	0.8
			LN		Ms=4.5	15.0	1.8	CN2	37.2	66	EP	10 46 52.0	2.2		
			LE			13.0	1.2	SSE	37.8	87	EP	10 46 56.4	1.2		
GTA	18.7	81	PC	10 43 56.4	- 1.8						LN		Ms=4.8	12.0	0.9
			S	10 47 30.0	2.7						LZ		Ms=4.9	12.0	1.0
			LG1	10 49 33.0	6.3			1983 6 5							
			LG2	10 50 05.0	8.6			O=13 23 34.1 +/- 0.25 SEC							
			LE		Ms=4.7	11.0	2.0	LAT=16.14S +/- 4.58 KM							
LZH	22.5	88	PC	10 44 38.0	- 0.5			LONG=172.74W +/- 3.97 KM							
			PmZ			1.2	0.04	DEPTH=32 KM +/- 0.50 KM							
			AP	10 44 43.0	- 2.5			Ms(NEIS)=4.7, mb(NEIS)=5.1							
			ES	10 48 30.0	-10.1			STATIONS USED=36, STAND DEV=1.85 SEC							
			LN		Ms=4.7	11.0	1.0	MDJ	80.0	322	EP	13 35 43.0	0.3		
			LE			10.0	1.0	CN2	82.1	319	P	13 35 52.8	- 0.7		
CD2	24.4	101	EP	10 44 58.0	1.4			SNY	82.2	317	PC	13 35 54.8	0.3		
			ES	10 49 15.0	2.2			TIA	84.2	310	EP	13 36 05.0	0.7		
			LE		Ms=4.7	20.0	2.3	BJI	86.4	313	EP	13 36 16.5	1.0		
BTO	26.4	75	EP	10 45 13.5	- 1.5						PmZ			1.5	0.1
			ES	10 49 49.0	3.8			TIY	88.2	310	EP	13 36 25.4	1.2		
			LN		Ms=5.0	7.0	1.0	GYA	88.9	297	P	13 36 29.0	1.2		
			LE			7.0	1.2	XAN	89.6	305	EP	13 36 30.5	- 0.1		
			LZ		Ms=5.0	5.0	0.8	HHC	90.0	312	P	13 36 33.5	0.8		
KMI	26.8	113	EP	10 45 19.0	- 0.2			1983 6 5							
			ES	10 49 42.0	-10.7			O=13 59 12.2 +/- 2.76 SEC							
			LE		Ms=4.7	16.0	1.7	LAT=16.18S +/- 9.69 KM							
XAN	27.1	90	EP	10 45 21.1	- 1.1			LONG=172.77W +/- 8.04 KM							
			LN		Ms=4.9	12.0	1.6	DEPTH=54 KM +/- 23.23 KM							
			LE			12.0	0.8	Ms(CHINA)=5.2/4, Ms(NEIS)=5.3, mb(NEIS)=5.2							
HHC	27.5	74	EP	10 45 30.5	5.2			STATIONS USED=51, STAND DEV=3.60 SEC							
			LE		Ms=4.6	11.0	0.8	MDJ	80.0	322	EP	14 11 18.5	0.2		
			LZ		Ms=4.9	11.0	1.3	NJ2	81.1	306	EP	14 11 25.0	0.9		
TIY	28.8	81	EP	10 45 42.6	5.8						LE		Ms=5.2	22.0	1.1
			ES	10 50 32.0	7.9						EP	14 11 28.0	- 1.1		
			I	10 55 38.0							PmZ			5.0	0.5
			LN		Ms=4.6	9.0	0.7	CN2	82.1	319	EP	14 11 28.0	- 1.1		
GYA	28.9	106	P	10 45 42.4	4.5						S	14 21 44.0	5.4		
			LN		Ms=4.5	13.0	0.8				EP	14 11 30.4	0.4		
WHN	32.7	93	EP	10 46 11.4	- 0.5			SNY	82.3	317	EP	14 11 30.4	0.4		