

Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A (μ m)	Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A (μ m)							
<p>1985 6 1 O=00 08 19.7 \pm 0.18s LAT=27.53 N \pm 1.59km LONG=127.83 E \pm 2.00km DEPTH= 31 km \pm 0.10km STATIONS USED = 20, STAND DEV = 2.46s Ms=4.0/ 2,</p>								<p>LONG=144.46 E \pm 1.79km DEPTH= 21 km \pm 0.42km STATIONS USED = 97, STAND DEV = 1.15s Ms=5.4/ 35, m_B=5.7/ 10</p>														
SSE	6.8	303	ePn	00 09 58.5	0.7			QZH	27.5	301	eP	02 08 58.5	-0.8									
			cLG ₁	00 11 48.0	-5.4						PP	02 09 50.0	3.3									
			LE	Ms=3.9		10.0	0.99				S	02 13 39.5	2.6									
			LZ	Ms=4.1		12.0	1.80				SS	02 14 55.0	-0.2									
SNY	14.7	347	eP	00 11 52.8	5.5						LE	Ms=5.2	12.0	2.34								
BJI	15.8	325	eP	00 12 03.0	1.5			SSE	28.5	315	-P	02 09 08.0	-0.4									
CN2	16.4	354	P	00 12 12.5	3.7						PMZ			1.0	0.040							
XAN	17.5	296	P	00 12 23.6	0.5						S	02 13 53.0	-0.1									
GYA	18.9	272	eP	00 12 43.0	2.4						SS	02 15 20.0	1.4									
CD2	21.3	285	eP	00 13 04.8	-1.2						LN	Ms=5.4	8.0	2.29								
LZH	22.1	299	eP	00 13 14.0	0.0						LZ	Ms=5.8	12.0	9.31								
GTA	26.1	304	eP	00 13 50.8	-2.3			NJ2	30.7	314	-P	02 09 26.0	-1.8									
<p>1985 6 1 O=00 50 18.3 \pm 0.11s LAT=27.65 N \pm 1.20km LONG=127.68 E \pm 1.26km DEPTH= 80 km \pm 0.42km STATIONS USED = 24, STAND DEV = 1.63s Ms=3.7/ 3,</p>								<p>GZH</p>								31.5	294	-P	02 09 35.0	0.3		
SSE	6.6	303	eP	00 51 53.3	-1.7						S	02 14 36.0	-3.9									
			LE	Ms=3.6		10.0	0.50				LN	Ms=5.4	11.0	1.33								
			LZ	Ms=4.0		12.0	1.50				LE		11.0	2.41								
NJ2	8.8	302	-P	00 52 24.4	-0.8			WHN	33.3	308	eP	02 09 50.0	-0.3									
			LN	Ms=3.7		10.0	0.20				PP	02 10 58.0	-3.4									
			LE			10.0	0.40				S	02 15 09.0	1.2									
SNY	14.5	348	eP	00 53 44.6	3.4						SME	m _B =5.6	10.0	1.10								
BJI	15.6	325	eP	00 53 54.5	-0.4						LE	Ms=5.2	18.0	2.60								
CN2	16.2	354	eP	00 54 05.0	2.3			DL2	33.4	327	P	02 09 51.0	-0.6									
XAN	17.3	296	eP	00 54 17.0	0.7						S	02 15 06.0	-4.0									
GYA	18.8	271	eP	00 54 36.2	2.5						LN	Ms=5.5	13.0	3.07								
BTO	19.5	316	eP	00 54 41.5	0.1						LE		12.0	74								
CD2	21.1	285	eP	00 54 58.6	0.1			QZN	34.0	286	P	02 09 57.2	0.8									
LZH	21.9	299	eP	00 55 07.0	0.7						pP	02 10 08.5	4.9									
GTA	25.9	304	P	00 55 44.6	-0.5						PP	02 11 08.0	-1.6									
<p>1985 6 1 O=02 03 11.7 \pm 0.14s LAT=12.24 N \pm 1.18km</p>								<p>TIA</p>								34.3	319	eP	02 09 58.8	-0.4		
											S	02 15 20.0	-3.6									
											LN	Ms=6.4	21.0	47.0								
											LZ	Ms=6.4	22.0	47.6								
								SNY	34.7	332	eP	02 10 02.4	0.1									
											PP	02 11 23.0	4.3									

				Ms = 5.6		20.0		0.90		Ms = 5.6 / 24,		m _B = 5.4 / 3						
BJI	172.0	290	LN							MDJ	21.7	261	-P	17 08 03.0	-0.9			
			ePKP	16 47 06.5	1.9								sP	17 08 16.0	-1.2			
			ePKP ₂	16 48 26.0									eS	17 11 53.0	-4.0			
			ePP	16 52 17.0	-3.0								LE			Ms = 5.6	17.0	11.8
			eSKKS	16 59 04.0						CN2	24.6	263	+P	17 08 31.4	-1.4			
			eSS	17 13 23.0	-0.6								PMZ			m _B = 5.4	4.0	0.60
			LN			Ms = 6.6	13.0	2.74					PP	17 09 10.0	1.3			
			LE				14.0	6.21					S	17 12 46.5	-1.9			
			LZ			Ms = 6.6	20.0	10.3					SMN			m _B = 5.3	6.0	0.50
CD2	172.9	162	PKP	16 47 06.0	0.9								LN			Ms = 5.7	13.0	5.80
			PKP ₂	16 48 26.0									LE				13.0	7.90
			PP	16 52 20.0	-4.4								SNY	26.9	261	+P	17 08 54.5	0.6
			SKKS	16 59 10.0									pP	17 09 03.0	-0.2			
			LN			Ms = 6.5	18.0	4.60					sP	17 09 08.5	1.2			
			LE				20.0	6.00					S	17 13 30.0	4.3			
GTA	174.7	70	PKP	16 47 05.5	-0.3								LN			Ms = 5.8	17.5	9.80
			PKP ₂	16 48 41.0									LE				19.0	9.92
			PP	16 52 34.0	0.5								BJI	32.4	265	eP	17 09 42.0	-1.5
			SKKS	16 59 20.0									TIA	34.3	259	eP	17 09 58.9	-0.9
			SS	17 13 53.0	3.3								PP	17 11 18.5	3.7			
HHC	174.9	309	PKP	16 47 07.0	1.2								eS	17 15 21.6	-2.4			
			PKP ₂	16 48 40.0									LN			Ms = 5.5	18.0	1.98
			PP	16 52 30.5	-4.1								LE				17.0	5.05
			PPMZ			m _B = 5.8	12.0	1.27					HHC	34.7	270	P	17 10 03.0	-0.7
			LN			Ms = 5.8	15.0	1.36					eS	17 15 30.0	-1.1			
			LE				17.0	1.26					LN			Ms = 5.8	13.0	5.70
TIY	175.1	271	ePKP	16 47 05.0	-0.9								LE				14.0	4.20
			PKP ₂	16 48 41.5									BTO	35.8	271	eP	17 10 13.6	0.6
			PP	16 52 35.0	-0.8								PP	17 11 36.0	2.0			
			SKKS	16 59 20.5									eS	17 15 50.0	2.1			
			LN			Ms = 5.5	20.0	1.03					LN			Ms = 5.9	16.0	8.40
XAN	175.7	211	+PKP	16 47 06.8	0.8								LE				16.0	7.60
			esPKP	16 47 46.0									LZ			Ms = 6.0	15.0	12.9
			PKP ₂	16 48 41.0									TIY	36.2	265	eP	17 10 14.5	-1.1
			PP	16 52 32.0	-6.9								PP	17 11 45.0	7.1			
			PPMZ			m _B = 5.8	6.0	0.66					S	17 15 43.0	-8.6			
			SS	17 13 54.0	-5.4								LN			Ms = 5.8	14.0	7.03
BTO	175.9	316	ePKP	16 47 06.5	0.4								LE				13.0	3.45
LZH	177.4	130	PKP	16 47 06.0	-0.5								NJ2	36.2	252	+P	17 10 16.0	0.1
			PKP ₂	16 48 49.0									eS	17 15 51.0	-2.2			
			PP	16 52 40.0	-6.2								LE			Ms = 5.4	15.0	3.30
			PPMZ			m _B = 5.6	12.0	0.88					LZ			Ms = 5.5	18.0	4.30
			SKKS	16 59 32.0									WHN	39.9	255	eP	17 10 48.0	0.9
													eS	17 16 50.5	0.5			
													LE			Ms = 5.6	16.0	4.22
													XAN	40.7	264	eP	17 10 53.0	-0.7
													eS	17 16 54.0	-7.9			
													LN			Ms = 5.9	13.0	4.76
													LE				14.0	4.62

1985 6 2

O = 17 03 14.1 ± 0.09s

LAT = 52.60 N ± 1.95km

LONG = 160.26 E ± 1.75km

DEPTH = 34 km ± 0.31km

STATIONS USED = 76, STAND DEV = 1.04s

			ePP	03 05 16.0	8.0					PP	03 06 22.0	-8.3			
			PPMZ	$m_B=6.2$	7.0	0.80				LN	$M_S=6.4$	20.0	5.10		
			LE	$M_S=6.1$	16.0	2.30	NJ2	127.0	329	+PKP	03 04 31.0	-0.3			
SNY	116.9	332	ePdif	03 00 30.0	1.8					PP	03 06 37.0	4.5			
			PP	03 05 28.0	3.1					PPMZ	$m_B=6.2$	7.0	0.95		
			PPMZ	$m_B=6.1$	12.0	1.03				PKS	03 08 09.0				
			LN	$M_S=6.2$	28.0	2.80				LE	$M_S=6.0$	18.0	2.00		
			LE		28.0	4.61	LZH	129.1	346	ePKP	03 04 36.5	1.0			
DL2	120.2	332	PKP	03 04 20.0	1.9					ePP	03 06 44.0	-2.8			
			LN	$M_S=6.2$	18.0	2.67	XAN	129.5	340	ePKP	03 04 36.3	0.1			
			LE		16.0	1.94				PP	03 06 54.0	4.8			
BJI	121.5	337	PKP	03 04 21.0	0.3					LN	$M_S=6.4$	18.0	2.95		
			PPMZ	$m_B=6.3$	8.0	1.35				LE		18.0	3.38		
			LN	$M_S=6.4$	28.0	8.64	WHN	130.4	332	ePKP	03 04 38.0	0.2			
			LZ	$M_S=6.3$	22.0	4.84				pP	03 04 58.0	9.8			
HHC	122.5	341	ePKP	03 04 23.0	0.4					PP	03 06 56.0	0.8			
			PP	03 06 04.0	1.5					PKS	03 08 11.1				
			PPMZ	$m_B=6.4$	9.0	1.62				LN	$M_S=6.1$	17.0	2.02		
			LE	$M_S=6.3$	24.0	5.50	CD2	134.0	343	PKP	03 04 46.4	1.6			
WMQ	123.0	2	PKP	03 04 24.8	1.0					pPKP	03 05 06.3	-7.0			
			PP	03 06 08.5	1.9					iPKS	03 08 26.0				
			PPMZ	$m_B=6.5$	7.0	1.72				LZ	$M_S=6.8$	28.0	17.9		
			SKS	03 11 36.0	7.1		GZH	137.1	328	ePKP	03 04 54.0	3.6			
			LN	$M_S=6.4$	18.0	5.06				PP	03 07 40.0	2.8			
BTO	123.2	342	PKP	03 04 23.0	-1.0					PPMZ	$m_B=6.1$	9.0	0.81		
			PP	03 06 08.0	0.5					PKS	03 08 34.0				
			SKS	03 11 26.0	-3.2					LN	$M_S=5.9$	22.0	1.47		
			SKKS	03 12 55.0			LSA	137.2	358	+PKP	03 04 51.5	0.5			
			LN	$M_S=6.3$	20.0	4.00				LN	$M_S=6.3$	23.0	4.08		
			LE		20.0	2.50	GYA	137.2	338	PKP	03 04 53.0	2.3			
			LZ	$M_S=6.4$	20.0	5.90				PP	03 07 33.0	-4.6			
TIA	124.4	333	ePKP	03 04 26.5	0.2					LN	$M_S=6.4$	20.0	4.20		
			PP	03 06 16.0	0.1					KMI	139.8	342	ePKP	03 04 56.5	1.1
			PPMZ	$m_B=6.4$	8.0	1.59				pPKP	03 05 19.0	5.7			
			PKS	03 08 02.0						PKS	03 08 30.0				
			LN	$M_S=6.2$	26.0	3.95				SKKS	03 14 50.0				
TIY	125.0	338	ePKP	03 04 28.4	1.0					LN	$M_S=6.5$	28.0	7.40		
			PP	03 06 21.5	2.4					QZN	142.3	328	PKP	03 04 56.0	-3.7
			PPMZ	$m_B=6.4$	7.0	1.61				PP	03 08 17.0	7.8			
			SKS	03 11 42.0	9.4					LN	$M_S=6.3$	20.0	2.50		
			SKKS	03 13 09.5						LE		21.0	3.00		
			LN	$M_S=6.6$	23.0	9.41									
KSH	125.8	13	ePKP	03 04 30.0	0.9										
			ePP	03 06 21.5	-3.8										
			LN	$M_S=6.4$	16.0	4.40									
SSE	126.6	326	ePKP	03 04 24.0	-6.4										
			ePP	03 06 28.0	-1.6										
			PKS	03 07 54.0											
			LE	$M_S=6.2$	18.0	3.07	MDJ	21.9	261	eP	03 20 43.0	-1.7			
GTA	126.7	350	PKP	03 04 31.7	0.8		CN2	24.8	263	-P	03 21 12.4	-1.1			

1985 6 3

O = 03 15 53.7 ± 0.13s

LAT = 52.55 N ± 2.44km

LONG = 160.61 E ± 1.36km

DEPTH = 45 km ± 0.47km

STATIONS USED = 36, STAND DEV = 1.51s

O = 12 05 08.6 ± 0.11s
 LAT = 52.77 N ± 2.06km
 LONG = 160.01 E ± 1.83km
 DEPTH = 33 km ± 0.12km
 STATIONS USED = 38, STAND DEV = 0.90s

MDJ	21.5	260	eP	12 09 56.5	-0.9
CN2	24.5	262	+P	12 10 24.6	-1.6
SNY	26.7	261	eP	12 10 46.6	-0.9
DL2	29.7	258	P	12 11 14.8	0.5
TIA	34.2	258	eP	12 11 54.1	0.6
TIY	36.0	265	P	12 12 08.9	-0.3
NJ2	36.1	252	P	12 12 11.0	1.2
WHN	39.8	254	eP	12 12 42.5	1.6
GTA	42.6	277	P	12 13 04.2	0.3
CD2	45.9	265	eP	12 13 29.0	-1.4
WMQ	47.0	290	P	12 13 40.0	0.6
GYA	47.4	258	P	12 13 43.0	0.8
KMI	50.7	260	eP	12 14 07.5	-0.5
QZN	51.3	249	eP	12 14 13.6	1.6

1985 6 3

O = 12 06 20.6 ± 0.16s
 LAT = 15.40 S ± 2.75km
 LONG = 173.42 W ± 2.34km
 DEPTH = 31 km ± 0.34km
 STATIONS USED = 85, STAND DEV = 1.23s

$M_s = 6.6 / 34,$ $m_B = 6.7 / 16$

QZH	77.4	300	eP	12 18 19.0	3.7
			PMZ	$m_B = 6.3$	7.0 3.03
			PP	12 21 17.5	6.9
			PPMZ		7.0 1.71
			iS	12 28 03.0	-0.1
			SME		13.0 3.08
			SS	12 33 03.0	-0.4
			LN	$M_s = 6.5$	22.0 3.69
			LE		22.0 15.3
SSE	77.9	307	eP	12 18 20.0	1.9
			PcP	12 18 28.0	0.8
			S	12 28 08.0	1.0
			eSKS	12 28 18.0	-5.5
			LN	$M_s = 6.8$	30.0 29.4
			LE		30.0 36.0
			LZ	$M_s = 6.7$	30.0 35.7
MDJ	79.0	322	+P	12 18 23.5	-0.5
			S	12 28 20.0	1.7
			SME	$m_B = 6.9$	12.0 12.0
			LE	$M_s = 7.3$	23.0 95.7
NJ2	80.1	307	+P	12 18 30.0	-0.1
			PP	12 21 40.5	7.5
			S	12 28 30.0	-0.3

			SME		16.0 7.10
CN2	81.1	320	+iP	12 18 34.0	-1.0
			PMZ	$m_B = 5.8$	4.0 0.50
			PP	12 21 43.5	2.1
			PPMZ		10.0 2.40
			eS	12 28 35.0	-6.5
			SMN	$m_B = 6.8$	11.0 6.80
			SME		11.0 5.30
			SS	12 34 03.0	5.1
DL2	81.2	314	+P	12 18 35.0	-0.5
			PMZ		3.0 0.73
			S	12 28 45.0	4.2
			SMN	$m_B = 6.8$	10.0 3.64
			SME		10.0 5.74
GZH	81.2	297	eP	12 18 36.0	0.4
			SKS	12 28 40.0	-6.6
			S	12 28 43.0	2.0
			SS	12 34 08.0	8.4
			LN	$M_s = 6.3$	22.0 9.70
SNY	81.3	318	+iP	12 18 36.0	0.0
			PMZ		17.0 8.61
			iS	12 28 47.0	3.6
			SMN	$m_B = 6.7$	10.0 6.31
			LN	$M_s = 6.7$	33.0 10.0
			LE		30.0 29.0
QZN	82.9	292	eP	12 18 48.0	3.6
			PP	12 22 04.5	8.6
			eS	12 28 58.0	-2.1
			LN	$M_s = 6.6$	23.0 9.20
			LE		26.0 18.6
WHN	83.1	304	eP	12 18 43.0	-2.4
			LE	$M_s = 6.3$	19.0 8.38
TIA	83.2	310	eP	12 18 45.5	-0.5
			PMZ	$m_B = 6.5$	10.0 4.83
			PP	12 22 02.0	3.7
			S	12 29 05.0	3.6
			SME	$m_B = 6.7$	11.0 6.46
			LN	$M_s = 6.7$	33.0 22.8
			LE		31.0 20.0
			LZ	$M_s = 6.6$	33.0 27.8
BJI	85.5	313	eP	12 18 57.5	0.2
			PMZ	$m_B = 6.4$	6.0 2.34
			eS	12 29 18.0	-7.5
			LN	$M_s = 6.2$	21.0 7.14
			LZ	$M_s = 6.4$	20.0 10.8
TIY	87.2	310	+iP	12 19 06.5	0.4
			PMZ		3.0 0.79
GYA	88.0	298	P	12 19 11.0	1.0
			SMN	$m_B = 6.5$	10.0 2.40
			SME		10.0 4.40

			LN	Ms=4.9	13.0	0.36			
			LE		13.0	0.26			
SNY	53.9	334	eP	22 07 11.0	-2.1				
MDJ	54.0	341	eP	22 07 10.0	-3.8				
CN2	54.7	337	+P	22 07 18.2	-1.3				
			ScP	22 12 19.4	6.4				
			eS	22 14 53.0	-1.7				
			LN	Ms=5.1	16.0	0.70			
			LE		16.0	0.60			
BJI	56.1	328	eP	22 07 28.0	-1.1				
			eS	22 15 12.0	-0.6				
			LN	Ms=5.1	18.0	0.92			
XAN	56.5	318	eP	22 07 31.6	-0.9				
KMI	56.6	305	+P	22 07 33.5	0.6				
TIY	56.6	323	eP	22 07 32.2	-0.7				
CD2	58.5	312	eP	22 07 46.0	-0.2				
			LE	Ms=5.2	20.0	1.20			
HHC	59.2	325	P	22 07 50.8	-0.3				
BTO	59.9	324	eP	22 07 56.0	-0.1				
			LN	Ms=5.2	19.0	0.80			
			LE		19.0	0.70			
LZH	61.1	317	+P	22 08 04.5	0.0				
GTA	65.6	318	eP	22 08 33.9	0.1				
LSA	67.8	305	eP	22 08 46.4	-1.9				
WMQ	75.7	318	P	22 09 35.0	0.2				
			PP	22 12 17.5	-8.0				
			eS	22 19 06.5	-5.0				
KSH	82.7	311	eP	22 10 14.0	1.3				

1985 6 3

O=22 49 50.8 ± 0.06s
 LAT=11.53 S ± 0.71km
 LONG=117.85 E ± 1.03km
 DEPTH= 34 km ± 0.11km
 STATIONS USED = 43, STAND DEV= 0.88s

KMI	39.3	338	eP	22 57 20.5	1.7				
CD2	44.3	343	eP	22 58 00.2	0.4				
XAN	46.1	350	eP	22 58 13.2	-0.9				
LSA	48.4	328	eP	22 58 31.8	-0.7				
TIY	49.2	354	P	22 58 38.4	-0.2				
DL2	50.3	4	eP	22 58 46.0	-0.6				
BJI	51.3	358	eP	22 58 54.0	-0.4				
BTO	52.4	352	eP	22 59 03.5	1.1				
SNY	53.3	5	+P	22 59 09.2	-0.4				
GTA	53.4	343	P	22 59 11.2	1.2				
CN2	55.5	7	eP	22 59 24.0	-1.3				
MDJ	56.9	10	eP	22 59 35.0	-0.3				
WMQ	61.5	336	P	23 00 08.0	0.4				

1985 6 3

O=23 53 43.4 ± 0.18s
 LAT=44.37 N ± 1.80km
 LONG=147.73 E ± 1.60km
 DEPTH= 62 km ± 0.69km
 STATIONS USED = 19, STAND DEV= 1.43s

BJI	23.7	271	eP	23 58 51.0	0.4		
GTA	35.6	279	P	24 00 38.8	1.2		
WMQ	42.3	291	P	24 01 34.5	1.6		

1985 6 4

O=02 43 45.6 ± 0.08s
 LAT=11.92 N ± 1.81km
 LONG= 43.69 E ± 1.17km
 DEPTH= 9 km ± 0.21km
 STATIONS USED = 18, STAND DEV= 1.34s

Ms=5.4 / 1,

KSH	39.6	40	eP	02 51 23.0	3.2		
			LN	Ms=5.4	12.0	2.20	
WMQ	49.4	41	P	02 52 39.0	0.8		
KMI	57.1	68	eP	02 53 35.0	-0.8		
GTA	60.7	66	P	02 54 00.4	0.0		
XAN	62.9	58	eP	02 54 15.5	0.0		
CN2	75.9	48	-P	02 55 35.0	-0.4		

1985 6 4

O=03 23 58.3 ± 0.06s
 LAT=37.62 N ± 0.58km
 LONG=102.18 E ± 0.51km
 DEPTH= 6 km ± 0.15km
 STATIONS USED = 7, STAND DEV= 1.69s

M_L=3.3 / 7,

LZH	2.0	138	Pn	03 24 32.5	-1.1		
			Pg	03 24 33.0	-1.1		
			Sg	03 24 59.5	-2.4		
			SMN	M _L =3.9	1.0	1.07	
			SME		1.0	0.75	
GTA	2.6	315	Pg	03 24 44.6	0.6		
			Sg	03 25 20.0	1.0		
			SMN	M _L =3.3	0.4	0.18	
			SME		0.4	0.15	
BTO	6.8	62	ePg	03 26 00.0	1.8		
			eSg	03 27 27.2	-3.5		
			SMN	M _L =3.3	0.6	0.020	
			SME		0.6	0.010	

1985 6 4

O=03 56 26.5 ± 0.08s
 LAT= 4.86 N ± 1.19km
 LONG=127.56 E ± 1.55km
 DEPTH= 94 km ± 0.16km

STATIONS USED = 100, STAND DEV = 1.19s															
$m_B = 6.2 / 39$															
QZH	21.8	338	eP	04 01 11.0	-0.8	KMI	31.2	313	-iP	04 02 40.0	0.5				
			pP	04 01 34.0	2.6				PMZ	$m_B = 6.2$	4.0	1.80			
			iS	04 05 01.5	-0.2				pP	04 03 01.0	0.7				
			SMN	$m_B = 7.0$	10.0				23.3	sP	04 03 14.0	2.1			
			SME		10.0				24.7	PP	04 03 45.0	0.1			
			SS	04 05 51.0	6.0				iS	04 07 37.0	-1.1				
			LN		17.0				8.60	SMN	$m_B = 6.2$	8.0	5.44		
			LE		17.0				6.73	LN		15.0	15.2		
QZN	22.3	311	-iP	04 01 17.0	-0.1	TIA	32.6	344	+iP	04 02 51.8	-0.1				
			PMZ	$m_B = 6.0$	6.0				4.60	PMZ	$m_B = 6.0$	6.0	1.71		
			pP	04 01 37.0	0.0				pP	04 03 16.2	3.2				
			PP	04 01 43.5	-4.6				PcP	04 05 34.2	-1.2				
			S	04 05 09.5	-1.3				ScP	04 09 10.2	0.8				
			SMN	$m_B = 7.0$	10.0				30.7	S	04 07 55.0	-4.3			
			SME		10.0				17.5	SMN		14.0	5.15		
			sS	04 05 46.0	0.9				LN		9.0	1.65			
GZH	22.7	324	-iP	04 01 22.0	0.6	XAN	33.8	332	P	04 03 02.2	0.2				
			pP	04 01 43.0	1.6				PMZ		1.0	0.43			
			sP	04 01 54.0	0.8				pP	04 03 29.5	6.3				
			S	04 05 13.0	-5.5				S	04 08 14.5	-2.8				
			SMN	$m_B = 6.9$	10.0				26.0	SMN		3.0	2.23		
			SME		10.0				5.60	SME		3.5	2.64		
			SS	04 06 02.0	3.7				LN		10.0	4.19			
			LE												
SSE	26.8	348	+P	04 02 00.5	0.7	CD2	34.3	322	-iP	04 03 05.2	-0.5				
			PMZ	$m_B = 6.3$	8.0				6.05	pP	04 03 27.0	0.0			
			pP	04 02 27.0	6.6				iS	04 08 21.0	-4.2				
			S	04 06 24.0	-2.4				PcS	04 09 25.0	0.1				
			SMN		16.0				7.85	DL2	34.3	352	+iP	04 03 05.5	-0.7
			SS	04 07 51.0	4.9				PMZ	$m_B = 6.3$	4.0	1.77			
			LE		10.0				10.9	pP	04 03 30.0	2.4			
			LZ		14.0				31.5	sP	04 03 44.0	4.9			
NJ2	28.3	344	+P	04 02 13.0	-0.2	TIY	35.5	339	+iP	04 03 16.2	-0.2				
			PMZ	$m_B = 5.8$	6.0				1.20	PMZ	$m_B = 6.0$	6.0	1.74		
			pP	04 02 38.0	4.1				pP	04 03 42.5	4.6				
			iPcP	04 05 24.0	0.1				S	04 08 45.5	2.1				
			S	04 06 47.0	-3.3				SMN	$m_B = 5.9$	10.0	1.96			
			SMN	$m_B = 6.2$	9.0				6.70	SME		10.0	2.30		
			sS	04 07 32.0	4.6				LN		16.0	4.44			
			LE							LE		15.0	8.15		
WHN	28.4	336	P	04 02 15.0	0.3	BJI	36.5	345	+P	04 03 24.5	-0.3				
			pP	04 02 37.0	1.6				PMZ	$m_B = 6.0$	6.0	1.56			
			PcP	04 05 25.0	0.7				eS	04 08 56.0	-3.6				
			S	04 06 53.0	0.0				SMN	$m_B = 6.3$	9.0	4.10			
			SMN	$m_B = 6.3$	10.0				9.51	SME		9.0	4.13		
			LE		16.0				7.50	LN		11.5	1.37		
			LN							LE		11.5	3.13		
			LE												
GYA	29.3	319	-P	04 02 23.0	0.1				+P	04 03 24.5	-0.3				
			pP	04 02 43.0	-0.7				PMZ	$m_B = 6.0$	6.0	1.56			
			S	04 07 07.0	-0.4				eS	04 08 56.0	-3.6				
			SMN	$m_B = 6.1$	7.0				3.80	SMN	$m_B = 6.5$	8.0	7.78		

SNY	37.0	355	ScS	04 13 29.0	0.7				S	04 10 21.5	-8.1			
			+iP	04 03 28.8	0.0				SMN	$m_B=6.5$	8.0	7.00		
			PMZ	$m_B=6.2$	5.0	2.17	WMQ	52.3	324	P	04 05 30.0	-1.1		
			pP	04 03 55.0	4.6					pP	04 05 56.0	2.6		
			sP	04 04 08.0	6.2					PcS	04 10 37.0	-0.1		
			PcP	04 05 55.5	7.6					S	04 12 46.0	-0.6		
			S	04 09 00.0	-6.1					SMN	$m_B=6.9$	7.0	10.3	
			SMN	$m_B=5.8$	9.0	2.08				LN		17.0	14.6	
			PcS	04 09 38.0	3.2				KSH	57.8	314	P	04 06 12.0	0.9
			LN		14.0	3.42					pP	04 06 33.0	-0.7	
LZH	38.0	328	LE		16.0	5.87			iS	04 14 05.0	3.2			
			P	04 03 38.5	1.2				SMN	$m_B=6.6$	6.0	6.30		
			PMZ		1.0	0.66				LE		12.0	1.01	
			pP	04 04 00.5	1.8									
			ePP	04 05 12.0	4.3									
			S	04 09 21.0	-0.1									
			SMN	$m_B=6.5$	10.0	9.86								
			sS	04 09 56.0	-3.6									
			LN		9.0	8.62								
			LE		9.0	9.65								
CN2	38.8	358	+iP	04 03 43.0	-1.2				QZN	24.3	17	eP	05 16 15.2	1.3
			PMZ	$m_B=6.0$	6.0	1.50			KMI	29.3	0	eP	05 17 00.0	-0.4
			pP	04 04 09.0	3.2				GYA	30.9	7	P	05 17 15.0	0.8
			PcP	04 05 52.0	-1.7				CD2	35.1	2	P	05 17 50.2	-0.4
			eS	04 09 32.0	-3.0				XAN	38.7	8	P	05 18 20.0	-0.4
			SMN	$m_B=5.8$	7.0	0.90			TIY	42.9	11	eP	05 18 54.9	0.0
			SME		7.0	1.00			BJI	45.9	14	eP	05 19 19.0	-0.4
			+P	04 03 46.9	1.8				WMQ	49.9	346	+P	05 19 50.0	-0.3
			PMZ	$m_B=6.1$	6.0	1.80			CN2	52.2	21	+iP	05 20 06.0	-1.6
			pP	04 04 12.0	5.4									
BTO	38.9	339	PP	04 05 23.0	4.1									
			S	04 09 37.5	2.0									
			SMN	$m_B=6.2$	11.0	5.30								
			LN		14.0	2.90								
			LE		14.0	2.40								
			LZ		14.0	2.30								
			+iP	04 03 51.0	0.1									
			pP	04 04 16.0	3.4									
			sP	04 04 29.5	5.5									
			S	04 09 42.0	-4.2									
MDJ	39.6	2	SMN	$m_B=6.0$	11.0	2.90								
			LE		16.0	3.76								
			-iP	04 04 13.4	-0.2									
			iS	04 10 25.0	-3.0									
			SMN	$m_B=6.5$	7.0	6.25								
			sS	04 11 03.0	-2.0									
			SS	04 13 34.0	0.8									
			P	04 04 15.2	0.0									
			pP	04 04 39.0	2.1									
			PP	04 05 52.0	-5.1									
GTA	42.6	328												
										1985 6 4				
										O = 05 11 01.9 ± 0.06s				
										LAT = 4.39 S ± 1.26km				
										LONG = 102.72 E ± 1.83km				
										DEPTH = 74 km ± 0.69km				
										STATIONS USED = 43, STAND DEV = 1.37s				
										QZN 24.3 17 eP 05 16 15.2 1.3				
										KMI 29.3 0 eP 05 17 00.0 -0.4				
										GYA 30.9 7 P 05 17 15.0 0.8				
										CD2 35.1 2 P 05 17 50.2 -0.4				
										XAN 38.7 8 P 05 18 20.0 -0.4				
										TIY 42.9 11 eP 05 18 54.9 0.0				
										BJI 45.9 14 eP 05 19 19.0 -0.4				
										WMQ 49.9 346 +P 05 19 50.0 -0.3				
										CN2 52.2 21 +iP 05 20 06.0 -1.6				
										1985 6 4				
										O = 06 12 20.4 ± 0.09s				
										LAT = 3.58 S ± 1.05km				
										LONG = 142.87 E ± 1.32km				
										DEPTH = 33 km ± 0.21km				
										STATIONS USED = 22, STAND DEV = 1.53s				
										GYA 46.0 313 eP 06 20 46.2 2.9				
										KMI 48.3 308 eP 06 21 03.0 1.9				
										XAN 49.2 322 eP 06 21 08.6 0.3				
										CN2 49.7 343 eP 06 21 11.4 -0.5				
										CD2 50.7 315 eP 06 21 20.2 1.0				
										1985 6 4				
										O = 11 04 19.0 ± 0.21s				
										LAT = 13.47 N ± 0.75km				
										LONG = 89.90 W ± 0.75km				
										DEPTH = 42 km ± 1.91km				
										STATIONS USED = 31, STAND DEV = 1.41s				
										Ms = 5.5 / 1,				
										BJI 121.5 337 ePKP 11 23 08.5 -0.4				

June, 1985

HHC	122.4	341	ePKP	11 23 11.8	1.0
WMQ	123.0	2	PKP	11 23 13.0	1.1
BTO	123.1	342	ePKP	11 23 12.0	-0.2
TIA	124.4	334	ePKP	11 23 14.7	0.2
GTA	126.6	351	PKP	11 23 20.6	1.6
			LN	Ms=5.5	17.0 0.59
LZH	129.0	346	ePKP	11 23 26.0	2.4
XAN	129.5	340	ePKP	11 23 25.1	0.7
CD2	134.0	344	PKP	11 23 34.8	1.9
GYA	137.2	338	ePKP	11 23 42.0	3.1

1985 6 4

O=12 37 08.8 ± 0.08s
 LAT=12.94 N ± 10.09km
 LONG=142.78 E ± 9.20km
 DEPTH= 45 km ± 6.21km

STATIONS USED = 14, STAND DEV = 1.47s

BJI	35.7	324	eP	12 44 05.0	-0.4
GYA	36.4	297	P	12 44 12.0	0.5
XAN	37.2	310	eP	12 44 17.0	-1.2
KMI	39.6	294	+P	12 44 37.5	-0.6
BTO	39.8	320	eP	12 44 41.0	1.5
CD2	40.1	303	eP	12 44 41.4	-0.8
LZH	41.9	310	eP	12 44 57.0	0.2
GTA	46.1	313	P	12 45 30.6	-0.4
WMQ	56.1	314	P	12 46 45.5	-1.1

1985 6 4

O=18 12 17.5 ± 2.94s
 LAT=38.17 N ± 19.78km
 LONG= 80.40 E ± 8.20km
 DEPTH= 20 km ± 3.68km

STATIONS USED = 7, STAND DEV = 3.25s

M_L=3.8 / 7,

WMQ	7.9	42	eP	18 14 19.0	4.6
			SMN	M _L =4.3	1.5 0.080

1985 6 4

O=19 04 03.1 ± 0.08s
 LAT=39.98 N ± 0.88km
 LONG= 77.61 E ± 0.67km
 DEPTH= 7 km ± 0.30km

STATIONS USED = 7, STAND DEV = 2.86s

M_L=3.7 / 5,

KSH	1.4	248	ePg	19 04 26.8	-0.6
			Sg	19 04 46.7	0.8
WMQ	8.4	60	eP	19 06 07.5	-1.5

1985 6 4

O=21 38 45.4 ± 0.10s

LAT=57.16 N ± 2.03km
 LONG= 33.66 W ± 1.43km
 DEPTH= 10 km ± 0.10km

STATIONS USED = 59, STAND DEV = 1.22s

KSH	67.1	52	eP	21 49 41.0	-1.3
WMQ	68.1	42	P	21 49 48.0	-0.3
GTA	76.1	35	P	21 50 36.0	-0.3
MDJ	77.6	12	eP	21 50 48.0	3.4
CN2	77.9	15	eP	21 50 42.8	-3.2
BTO	77.9	27	+P	21 50 48.1	1.8
LZH	80.4	34	eP	21 51 00.5	0.5
TIY	81.3	27	P	21 51 04.0	-0.2
LSA	81.8	46	eP	21 51 05.6	-1.9
DL2	82.1	19	eP	21 51 07.6	-0.7
TIA	83.8	23	P	21 51 17.6	0.4
XAN	83.8	31	eP	21 51 17.2	-0.2
CD2	85.2	36	eP	21 51 24.8	0.4
NJ2	88.1	23	eP	21 51 37.0	-1.7
SSE	89.6	21	eP	21 51 46.0	0.6
KMI	90.2	39	+P	21 51 48.5	-0.2
			pP	21 51 52.5	-1.4
GYA	90.2	35	P	21 51 50.0	1.2

1985 6 5

O=01 04 06.8 ± 0.06s
 LAT=28.64 N ± 1.01km
 LONG=141.19 E ± 1.04km
 DEPTH= 87 km ± 0.17km

STATIONS USED = 39, STAND DEV = 1.19s

MDJ	18.4	333	eP	01 08 15.0	-2.8
NJ2	19.6	286	eP	01 08 31.6	1.2
			pP	01 08 52.0	5.3
			eS	01 12 05.0	3.4
TIA	21.6	297	eP	01 08 50.8	-0.8
			pP	01 09 12.8	2.8
WHN	23.4	281	eP	01 09 10.0	1.3
XAN	28.0	289	eP	01 09 50.4	-1.6
GYA	30.6	274	P	01 10 17.6	2.2
CD2	32.5	283	P	01 10 30.7	-0.7
			PMZ		0.8 0.050
GTA	35.7	299	eP	01 10 57.8	-1.1

1985 6 5

O=01 41 41.0 ± 0.08s
 LAT=57.01 N ± 1.97km
 LONG= 33.74 W ± 1.15km
 DEPTH= 10 km ± 0.06km

STATIONS USED = 62, STAND DEV = 1.17s

M_s=5.1 / 5,

KSH	67.2	52	eP	01 52 42.0	3.3
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June, 1985



CD2	88.4	302	eP	15 10 24.0	-0.6		
GTA	94.0	310	P	15 10 51.1	0.5		
1985 6 5							
O = 23 04 55.6				± 0.12s			
LAT = 4.60 S				± 1.32km			
LONG = 153.25 E				± 1.82km			
DEPTH = 71 km				± 0.62km			
STATIONS USED = 101,				STAND DEV = 1.40s			
Ms = 6.0 / 33,				m _B = 6.3 / 31			
QZH	44.7	313	eP	23 13 02.0	-1.7		
			PMZ	m _B = 6.3		7.0	3.39
			pP	23 13 23.0	2.1		
			PP	23 14 52.0	2.5		
			PPMZ			8.0	1.51
			S	23 19 32.0	-1.7		
			SMN	m _B = 6.0		10.0	1.14
			SME			10.0	2.34
SSE	46.9	321	+P	23 13 20.0	-0.9		
			sP	23 13 50.0	3.2		
			PP	23 15 06.0	-5.5		
			PcS	23 18 48.0	1.9		
			S	23 19 58.0	-6.8		
			ScS	23 23 02.0	-3.2		
			LN	Ms = 5.8		16.0	5.52
GZH	47.7	307	+P	23 13 28.5	1.0		
			PMZ	m _B = 6.3		8.0	3.20
			ScP	23 18 46.0	4.1		
			SMN	m _B = 6.2		12.0	3.50
			LN	Ms = 5.9		22.0	4.60
			LE			20.0	7.70
QZN	48.8	300	+iP	23 13 36.5	0.8		
			PP	23 15 30.5	1.2		
			ScP	23 18 52.0	5.6		
			S	23 20 27.0	-4.3		
			LN	Ms = 6.3		21.0	11.1
			LE			21.0	17.1
NJ2	49.0	321	+iP	23 13 38.0	0.6		
			PMZ	m _B = 6.5		7.0	4.10
			sP	23 14 04.0	0.8		
			PcP	23 15 03.3	3.1		
			PP	23 15 30.0	-1.5		
			ScP	23 18 52.0	4.7		
			S	23 20 27.0	-7.4		
			LE	Ms = 5.9		15.0	6.50
			LZ	Ms = 5.8		22.0	7.50
WHN	51.0	316	+P	23 13 53.0	-0.1		
			PMZ	m _B = 6.4		8.0	3.66
			pP	23 14 16.0	5.5		
			sP	23 14 20.0	1.0		

			PcS	23 19 02.5	-1.2		
			eS	23 20 59.0	-4.9		
			LN	Ms = 5.9		26.0	10.1
DL2	52.2	329	+iP	23 14 01.0	-1.1		
			PMZ	m _B = 6.2		8.0	2.23
			ePcS	23 19 06.0	-2.9		
			S	23 21 15.3	-4.1		
			LN	Ms = 6.1		21.0	9.31
			LE			19.0	7.00
TIA	52.8	323	+P	23 14 05.7	-0.9		
			PMZ	m _B = 6.3		7.0	2.54
			sP	23 14 31.0	-1.5		
			PcP	23 15 16.7	2.4		
			ScP	23 19 09.8	6.1		
			S	23 21 19.3	-8.1		
			SMN	m _B = 5.8		9.0	0.87
			SME			8.0	0.79
			LN	Ms = 5.9		17.0	3.78
			LE			17.0	4.88
MDJ	53.4	339	+P	23 14 10.0	-0.8		
			PcP	23 15 18.0	1.5		
			ScP	23 19 11.0	4.8		
			S	23 21 36.0	0.9		
			SMN	m _B = 5.9		8.0	1.30
			ScS	23 23 55.0	5.7		
			LN	Ms = 5.9		18.0	5.96
SNY	53.5	333	+iP	23 14 10.8	-1.0		
			PMZ	m _B = 6.2		7.0	2.14
			pP	23 14 28.0	-1.4		
			sP	23 14 38.0	0.2		
			PP	23 16 08.0	-6.3		
			PcS	23 19 16.0	1.5		
			S	23 21 38.0	1.0		
			SS	23 25 17.0	0.0		
			LE	Ms = 5.8		23.0	6.42
CN2	54.3	335	+P	23 14 16.0	-1.5		
			PMZ	m _B = 6.2		7.0	2.30
			pP	23 14 35.0	-0.1		
			sP	23 14 44.0	0.5		
			PcP	23 15 20.5	0.6		
			PP	23 16 16.5	-4.7		
			PPMZ			7.0	1.30
			ScP	23 19 14.0	3.9		
			eS	23 21 40.0	-8.6		
			SME			14.0	1.80
			ScS	23 23 57.0	1.3		
			LN	Ms = 5.8		15.0	4.10
GYA	54.6	307	+P	23 14 24.0	4.0		
			PMZ	m _B = 6.3		7.0	2.90
			pP	23 14 43.0	5.5		

			LN		Ms=6.3	16.5	3.59			PP	03 01 38.0	-5.3		
GTA	118.0	44	PKP	02 59 03.8		1.6				PPMZ		m _B =6.5	12.0	2.30
			PP	03 00 15.5		-4.6				SS	03 19 00.0	-7.8		
			LN		Ms=6.7	17.5	9.31			LE		Ms=6.6	19.0	6.92
LZH	122.4	45	ePKP	02 59 12.0		1.3		MDJ	130.6	21	ePKP	02 59 23.0	-3.4	
			eSKS	03 06 20.0		1.0				PP	03 01 40.0	-4.4		
			LZ		Ms=6.7	18.0	8.90			PKS	03 02 58.0			
BTO	124.0	37	PKP	02 59 14.0		0.1				SKS	03 06 25.0	-9.1		
			PP	03 00 57.0		-4.2				SKKS	03 08 36.0			
			LN		Ms=7.0	18.0	14.6			SS	03 19 18.0	8.8		
			LE			19.0	11.6			LE		Ms=6.7	20.0	9.70
			LZ		Ms=7.0	19.0	22.2	DL2	131.7	31	ePKP	02 59 29.0	0.4	
CD2	124.7	51	ePKP	02 59 16.0		0.9				PP	03 01 45.0	-6.6		
			ePP	03 01 10.0		4.8				PKS	03 03 04.0			
			LN		Ms=6.9	20.0	13.2			LN		Ms=6.8	18.0	9.78
			LE			19.0	10.2	WHN	132.7	45	PKP	02 59 31.5	1.0	
HHC	124.8	36	ePKP	02 59 12.6		-2.8				PP	03 01 48.5	-9.1		
			PP	03 00 58.0		-7.8				PPMZ		m _B =6.7	6.0	1.88
			PPMZ		m _B =6.7	5.0	1.11			LE		Ms=6.6	19.0	7.62
			ePKS	03 02 48.1				QZN	134.5	62	PKP	02 59 36.0	2.2	
			LN		Ms=6.9	19.0	16.8			PP	03 02 08.0	-1.2		
			LE			20.0	5.92			LN		Ms=6.6	17.0	4.80
KMI	126.2	58	-PKP	02 59 19.0		0.9				LE			16.0	3.00
			LN		Ms=6.5	17.0	5.80	NJ2	134.9	40	-PKP	02 59 36.0	1.5	
			LZ		Ms=6.7	20.0	10.0			PP	03 02 06.0	-5.6		
XAN	127.0	45	ePKP	02 59 19.0		-0.5				PKS	03 03 07.0			
TIY	127.2	39	PKP	02 59 20.7		0.6				SKKS	03 08 58.0			
			PP	03 01 19.0		-2.8				LE		Ms=6.8	17.5	9.90
			LN		Ms=6.9	20.0	13.4	GZH	135.8	55	ePKP	02 59 43.0	6.8	
			LE			19.0	11.3			PP	03 02 18.0	0.9		
BJI	128.0	34	ePKP	02 59 22.0		0.6				PPMZ		m _B =6.7	7.0	2.24
			ePP	03 01 26.0		-1.0				LN		Ms=6.5	18.0	3.80
			PPMZ			20.0	1.68			LE			17.0	2.72
			ePKS	03 02 53.0				SSE	137.0	39	ePKP	02 59 40.0	1.6	
			SS	03 18 32.0		-5.0				PP	03 02 20.0	-4.3		
			LE		Ms=6.4	17.0	4.58			PKS	03 03 17.0			
			LZ		Ms=6.8	19.0	11.7			eSKKS	02 09 25.0			
GYA	128.9	54	+PKP	02 59 24.0		0.7				LN		Ms=6.8	16.0	7.52
			PP	03 01 31.0		-2.5				LE			17.0	6.52
			LN		Ms=6.7	20.0	5.50			LZ		Ms=6.7	16.0	8.33
			LE			20.0	7.60	QZH	139.0	49	ePKP	02 59 38.0	-4.0	
			LZ		Ms=6.9	20.0	17.0			PP	03 02 34.0	-3.2		
CN2	129.7	24	+PKP	02 59 24.0		-0.7				PPMZ		m _B =6.1	10.0	1.02
			PP	03 01 32.0		-6.2				PKS	03 03 15.0			
			PPMZ		m _B =6.5	8.0	1.50			LN		Ms=6.7	18.0	8.11
			ePKS	03 02 53.0										
			eSKS	03 06 26.0		-6.5								
			SKKS	03 08 26.0										
			LE		Ms=6.9	20.0	14.4							
SNY	130.5	27	ePKP	02 59 25.2		-0.9								

1985 6 6

O=04 44 41.3 ± 0.12s

LAT=28.70 N ± 2.01km

LONG=140.50 E ± 2.07km



DEPTH = 41 km ± 0.54km
 STATIONS USED = 77, STAND DEV = 1.97s
 Ms = 4.9 / 17, m_B = 5.6 / 14

SSE	16.9	283	cP	04 48 37.5	0.7		
			SS	04 52 03.0	0.5		
			LN	Ms = 5.0	12.0	1.80	
			LE		12.0	2.71	
			LZ	Ms = 4.9	12.0	2.46	
MDJ	18.1	334	cP	04 48 48.0	-3.7		
DL2	18.7	308	cP	04 48 59.0	0.6		
			LN	Ms = 4.7	10.0	1.12	
NJ2	19.0	286	+iP	04 49 02.0	-0.1		
			PMZ	m _B = 5.6	6.0	1.70	
			eS	04 52 30.0	1.6		
			LZ	Ms = 4.6	17.0	1.70	
SNY	19.0	318	-P	04 49 02.7	0.3		
			S	04 52 35.5	7.2		
			SMN	m _B = 5.3	7.0	0.66	
			SME		7.0	0.63	
			LN	Ms = 4.8	10.0	0.86	
			LE		10.0	1.03	
CN2	19.3	325	cP	04 49 08.0	2.1		
			eS	04 52 44.0	8.1		
			LE	Ms = 4.9	13.0	2.30	
QZH	19.9	264	cP	04 49 12.0	-0.4		
			PMZ	m _B = 5.4	7.0	1.34	
			S	04 52 56.0	7.6		
			LE	Ms = 4.5	16.0	1.02	
TIA	21.1	297	+P	04 49 24.6	0.0		
			S	04 53 18.0	7.0		
			SMN	m _B = 5.7	8.5	1.75	
			SME		9.0	1.35	
			LN	Ms = 4.9	15.0	2.19	
			LE		15.0	1.20	
WHN	22.8	281	cP	04 49 42.5	0.8		
			pP	04 49 54.0	2.1		
			S	04 53 44.0	1.3		
			SME	m _B = 5.9	10.0	3.58	
			LN	Ms = 5.0	12.0	2.14	
BJI	23.0	306	cP	04 49 42.0	-1.5		
			eS	04 53 48.0	1.4		
			SMN	m _B = 5.6	7.0	1.12	
			eSS	04 54 30.0	-1.4		
			LE	Ms = 4.6	15.0	1.10	
GZH	25.0	263	-P	04 50 04.5	1.1		
			SME	m _B = 5.6	11.0	1.88	
TIY	25.1	298	cP	04 50 04.5	0.6		
			LN	Ms = 4.9	15.0	1.36	
			LE		14.0	0.91	
HHC	26.6	305	cP	04 50 17.2	-0.6		

XAN	27.4	289	cP	04 50 24.2	-1.4		
			pP	04 50 32.5	-3.5		
BTO	27.6	304	cP	04 50 27.4	0.0		
			S	04 55 04.0	0.5		
			LN	Ms = 4.6	13.0	0.70	
			LZ	Ms = 4.8	13.0	1.00	
QZN	29.6	258	cP	04 50 40.0	-4.8		
			cS	04 55 32.0	-3.6		
GYA	30.0	274	P	04 50 49.0	0.0		
LZH	31.7	293	cP	04 51 04.0	0.3		
			PMZ			2.0	0.090
CD2	31.9	283	cP	04 51 04.0	-1.3		
			S	04 56 18.0	7.0		
			LN	Ms = 5.2	13.0	1.90	
KMI	33.8	273	cP	04 51 21.5	-0.4		
			pP	04 51 36.0	3.6		
GTA	35.1	299	+iP	04 51 32.9	-0.4		
LSA	42.8	284	P	04 52 32.4	-5.5		
WMQ	44.4	305	P	04 52 50.0	-0.6		
			PMZ			2.0	0.070
			PP	04 54 40.0	4.7		
			S	04 59 22.0	1.0		
			ScS	05 02 49.5	7.9		
			LN	Ms = 5.1	12.0	0.79	
KSH	53.5	300	cP	04 54 04.0	3.5		

1985 6 6
 O = 06 01 12.1 ± 0.09s
 LAT = 28.51 N ± 1.90km
 LONG = 140.64 E ± 1.77km
 DEPTH = 37 km ± 0.54km
 STATIONS USED = 32, STAND DEV = 1.76s
 Ms = 4.4 / 6, m_B = 5.1 / 1

SSE	17.1	283	cP	06 05 12.0	2.1		
			LE	Ms = 4.4	18.0	1.43	
NJ2	19.1	286	+P	06 05 36.0	0.8		
			LE	Ms = 4.2	9.0	0.30	
SNY	19.2	318	cP	06 05 34.8	-1.3		
			LE	Ms = 4.2	10.0	0.41	
TIA	21.3	297	+P	06 05 57.0	-0.8		
WHN	22.9	281	cP	06 06 15.0	0.5		
			eS	06 10 20.0	2.1		
			SME	m _B = 5.1	8.0	0.42	
			SS	06 11 11.0	8.7		
			LE	Ms = 4.4	10.0	0.44	
BJI	23.2	306	cP	06 06 16.5	-0.3		
TIY	25.3	299	P	06 06 36.0	-1.0		
			S	06 10 57.0	-0.1		
			LN	Ms = 4.7	13.0	0.82	
			LE		15.0	0.43	



CD2	44.4	329	P	17 50 52.4	-0.4
TIY	46.9	343	eP	17 51 12.0	-0.6
BJI	48.2	348	eP	17 51 22.0	-0.3
LZH	48.6	334	eP	17 51 26.0	-0.2
			PMZ		1.5 0.10
CN2	50.7	357	P	17 51 41.5	-0.2
LSA	51.0	318	+P	17 51 43.7	-1.1
MDJ	51.4	1	eP	17 51 47.3	-0.2
GTA	53.2	333	P	17 52 00.0	-0.7
WMQ	62.5	328	P	17 53 05.8	-0.3
KSH	66.8	318	P	17 53 35.0	0.7

1985 6 6
 O=20 49 48.8 ± 0.09s
 LAT=41.67 N ± 1.31km
 LONG= 89.11 E ± 0.62km
 DEPTH= 7 km ± 0.02km
 STATIONS USED = 7, STAND DEV = 3.12s

$M_L = 3.8 / 6,$

WMQ	2.4	335	Pn	20 50 28.9	0.1
			Sg	20 50 57.0	-6.7
			SMN	$M_L = 3.6$	0.6 0.36
			SME		0.6 0.30
GTA	8.5	102	eP	20 51 54.2	-0.7
			SMN	$M_L = 4.0$	0.8 0.033
			SME		0.9 0.029

1985 6 6
 O=21 05 21.7 ± 0.09s
 LAT=43.72 N ± 0.80km
 LONG= 87.95 E ± 0.74km
 DEPTH= 24 km ± 0.63km
 STATIONS USED = 9, STAND DEV = 2.50s

$M_L = 4.0 / 8,$

WMQ	0.2	299	-iPg	21 05 27.2	-0.1
			Sg	21 05 31.0	-0.3
			SMN	$M_L = 3.7$	1.0 11.8
			SME		1.0 11.6
GTA	9.9	112	eP	21 07 42.8	-2.8
			SMN		0.9 0.037
			SME		0.9 0.029

1985 6 6
 O=21 47 32.5 ± 0.06s
 LAT=37.14 N ± 0.64km
 LONG=131.22 E ± 0.64km
 DEPTH=502 km ± 0.42km
 STATIONS USED = 52, STAND DEV = 0.76s

$m_B = 4.3 / 5$

SNY	7.5	311	+iP	21 49 26.0	0.6
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			sP	21 50 49.0	-2.5
			S	21 50 57.0	2.3
			SMN	$m_B = 4.5$	4.0 0.77
			SME		5.0 1.13
MDJ	7.6	351	eP	21 49 26.0	0.2
DL2	7.8	286	P	21 49 28.1	0.2
			sP	21 51 01.4	6.6
CN2	8.0	328	+iP	21 49 30.0	0.0
			PMZ		2.0 0.60
			iS	21 51 04.0	0.9
			SMN	$m_B = 4.4$	5.0 0.80
			SME		5.0 0.60
SSE	10.3	237	-iP	21 49 55.1	1.0
			PMZ		1.0 0.088
			S	21 51 49.0	2.3
TIA	11.4	270	-P	21 50 06.1	0.5
NJ2	11.4	247	-iP	21 50 07.0	1.2
			PMZ		1.0 0.50
			iS	21 52 14.0	5.4
BJI	12.1	288	eP	21 50 13.0	-0.5
			eS	21 52 23.0	0.1
			SMN	$m_B = 4.3$	6.0 0.45
			SME		7.0 0.38
TIY	14.9	278	P	21 50 41.5	-1.2
			PMZ		1.0 0.030
WHN	15.5	250	P	21 50 48.0	0.1
HHC	15.7	290	-P	21 50 50.0	-0.5
BTO	16.9	288	eP	21 51 00.5	-1.3
XAN	18.4	267	-P	21 51 16.8	0.1
LZH	22.0	276	-P	21 51 50.0	-0.6
			PMZ		1.5 0.090
GVA	23.4	250	+P	21 52 03.2	0.1
			PMZ		1.2 0.020
			S	21 55 39.4	-0.1
CD2	23.5	263	P	21 52 04.4	-0.3
GTA	24.7	285	P	21 52 15.0	-0.1
KMI	27.1	252	-P	21 52 35.0	-1.1
WMQ	33.5	295	P	21 53 31.0	0.0
			PMZ		1.5 0.060
			pP	21 55 05.5	6.7
			S	21 58 16.0	-1.3
			ScS	22 02 54.0	-1.9
LSA	34.1	269	eP	21 53 35.9	-0.5

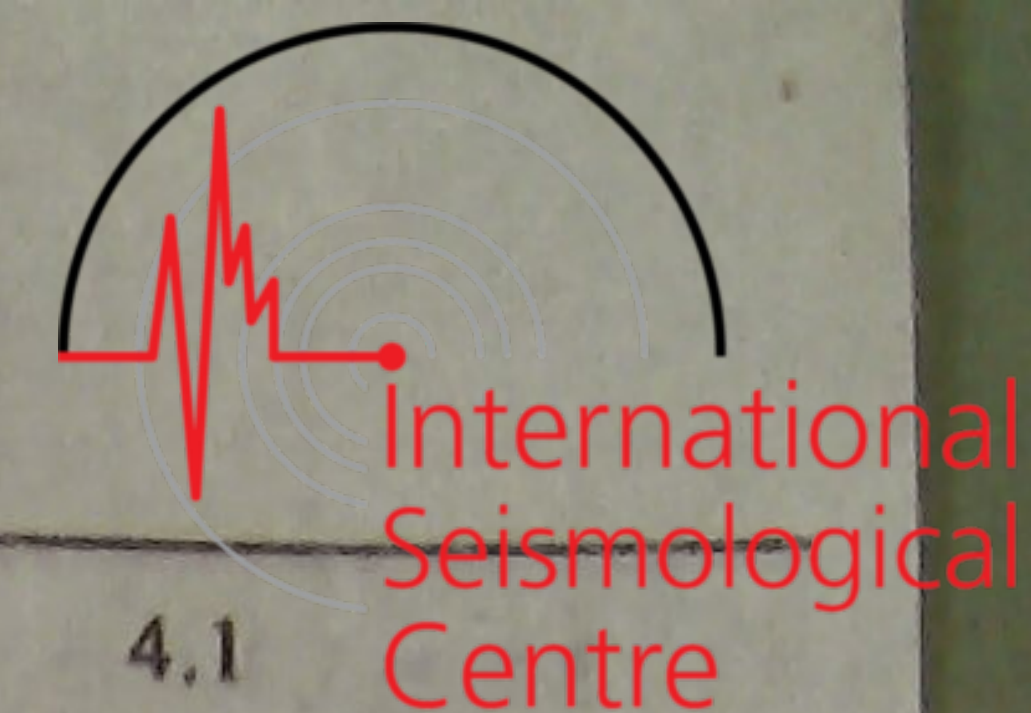
1985 6 7
 O=00 53 20.5 ± 0.11s
 LAT=28.93 N ± 1.97km
 LONG=140.51 E ± 1.65km
 DEPTH= 61 km ± 0.42km
 STATIONS USED = 57, STAND DEV = 1.74s

Ms = 4.8 / 24,				m _B = 5.5 / 3			
SSE	16.9	282	+P	00 57 13.0	-1.3		
			eS	01 00 16.0	-1.9		
			LN	Ms=4.7	20.0	1.20	
			LE		19.0	2.58	
			LZ	Ms=4.6	26.0	3.17	
MDJ	17.9	334	eP	00 57 28.5	1.4		
			LZ	Ms=4.2	20.0	0.90	
DL2	18.5	307	P	00 57 34.0	-0.5		
			S	01 00 56.5	1.9		
			LN	Ms=4.7	12.0	1.34	
SNY	18.8	318	-P	00 57 34.0	-4.1		
			LN	Ms=4.6	11.5	0.73	
			LE		12.0	0.73	
NJ2	18.9	285	+P	00 57 40.0	0.9		
			LE	Ms=4.7	15.0	1.70	
CN2	19.1	325	P	00 57 43.0	1.6		
			ePP	00 58 04.8	6.1		
			eS	01 01 13.0	4.8		
			LN	Ms=4.7	12.0	0.70	
			LE		12.0	1.10	
QZH	19.9	264	eP	00 57 51.0	0.8		
			PMZ			3.0	0.75
			S	01 01 29.5	4.3		
			LN	Ms=4.7	16.0	1.16	
			LE		16.0	1.14	
TIA	21.0	296	+P	00 58 01.2	0.2		
			ePP	00 58 23.0	-1.5		
			eS	01 01 54.0	8.3		
			LE	Ms=4.8	19.0	2.33	
			LZ	Ms=5.0	19.0	3.65	
WHN	22.8	281	eP	00 58 19.0	0.3		
BJI	22.8	305	eP	00 58 18.5	-1.0		
			SME	m _B =5.2	12.0	0.70	
			LE	Ms=4.6	16.0	1.08	
TIY	25.0	298	P	00 58 40.0	-0.2		
			LN	Ms=4.1	15.0	0.32	
GZH	25.1	263	eP	00 58 43.0	1.9		
			SME	m _B =5.5	11.0	1.45	
HHC	26.4	304	eP	00 58 53.2	-0.7		
			S	01 03 20.0	0.3		
			SME		13.0	0.47	
			LN	Ms=4.6	13.0	0.50	
			LE		14.0	0.47	
XAN	27.4	289	+P	00 59 01.0	-1.3		
BTO	27.5	303	eP	00 59 02.0	-1.6		
			eS	01 03 36.0	-1.9		
			LN	Ms=4.8	18.0	1.10	
			LE		17.0	1.00	
			LZ	Ms=4.8	17.0	1.30	
QZN	29.6	257	eP	00 59 23.0	0.4		
			eS	01 04 15.0	3.1		
			LE	Ms=5.0	22.0	2.30	
GYA	30.0	273	P	00 59 29.8	3.6		
			LN	Ms=5.1	15.0	1.70	
			LE		15.0	1.00	
			LZ	Ms=5.2	15.0	2.50	
LZH	31.6	293	eP	00 59 40.5	0.3		
CD2	31.8	283	eP	00 59 40.8	-1.3		
			S	01 04 55.0	9.3		
			LN	Ms=5.1	13.0	1.74	
KMI	33.8	273	P	01 00 00.0	0.9		
			eS	01 05 20.5	3.3		
			LE	Ms=4.9	16.0	1.26	
GTA	35.0	298	P	01 00 08.8	-0.8		
			eS	01 05 39.5	3.4		
			LN	Ms=4.8	15.0	0.84	
LSA	42.8	284	eP	01 01 17.4	2.7		
WMQ	44.3	304	+P	01 01 26.0	-0.7		
KSH	53.4	299	eP	01 02 36.0	-0.8		
1985 6 7							
				O = 03 59 59.0	± 0.04s		
				LAT = 39.44 N	± 0.34km		
				LONG = 126.03 E	± 0.39km		
				DEPTH = 55 km	± 0.39km		
				STATIONS USED = 5, STAND DEV = 2.28s			
				M _L = 3.1 / 5,			
SNY	3.0	323	-iPg	04 00 52.0	-1.2		
			Sn	04 01 17.4	-0.5		
			Sg	04 01 29.5	-5.7		
			SMN	M _L = 3.3	0.6	0.11	
			SME		0.6	0.13	
DL2	3.5	263	ePn	04 00 50.0	1.2		
			eSg	04 01 45.0	-3.6		
			SMN	M _L = 3.1	0.5	0.070	
			SME		0.5	0.050	
CN2	4.4	354	ePg	04 01 18.0	1.1		
			Sg	04 02 11.0	-6.1		
			SMN	M _L = 3.0	0.6	0.020	
			SME		0.6	0.030	
1985 6 7							
				O = 05 06 39.6	± 0.01s		
				LAT = 27.08 N	± 0.10km		
				LONG = 103.25 E	± 0.10km		
				DEPTH = 5 km	± 0.06km		
				STATIONS USED = 5, STAND DEV = 1.65s			
				M _L = 2.9 / 2,			
KMI	2.0	193	ePg	05 07 15.0	-0.3		

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Ms = 5.3 / 5,				m _B = 5.4 / 1									
DL2	18.7	308	P	09 39	51.0	0.3							
NJ2	19.0	285	+P	09 39	55.5	1.2							
			PMZ		m _B = 5.4	4.0	0.72						
SNY	19.0	318	eP	09 39	54.2	-0.4							
CN2	19.3	325	eP	09 40	00.0	2.0							
TIA	21.1	297	-P	09 40	16.4	-0.2							
			eS	09 44	06.5	4.4							
			SS	09 44	42.1	5.3							
			LE		Ms = 5.3	16.0	5.97						
			LZ		Ms = 5.3	16.0	5.83						
WHN	22.8	281	P	09 40	34.5	0.9							
BJI	23.0	306	eP	09 40	34.0	-1.3							
TIY	25.1	298	P	09 40	56.0	0.2							
HHC	26.6	305	eP	09 41	08.8	-0.8							
XAN	27.4	289	P	09 41	16.6	-0.9							
BTO	27.6	304	eP	09 41	18.7	-0.5							
GYA	30.0	274	P	09 41	40.6	-0.2							
LZH	31.7	293	eP	09 41	54.0	-1.5							
CD2	31.9	283	P	09 41	56.6	-0.5							
GTA	35.1	299	P	09 42	24.4	-0.6							
			LN		Ms = 5.5	13.5	3.34						
WMQ	44.4	305	P	09 43	42.0	-0.3							
1985 6 7													
O = 09 36 10.3 ± 0.14s													
LAT = 28.82 N ± 1.35km													
LONG = 140.58 E ± 2.02km													
DEPTH = 46 km ± 0.21km													
STATIONS USED = 55, STAND DEV = 1.51s													
Ms = 5.3 / 28,				m _B = 5.7 / 24									
SSE	17.0	282	eP	09 40	07.2	1.1							
			PMZ		m _B = 5.6	12.0	3.54						
			S	09 43	20.0	9.1							
			LN		Ms = 5.2	20.0	2.10						
			LE			20.0	9.52						
			LZ		Ms = 5.3	20.0	10.7						
MDJ	18.0	334	eP	09 40	16.5	-3.0							
			eS	09 43	30.0	-5.7							
			LZ		Ms = 4.9	20.0	3.86						
DL2	18.7	308	P	09 40	26.0	-0.9							
			PMZ		m _B = 5.7	6.0	2.46						
			S	09 43	52.0	3.0							
			SMN		m _B = 5.9	10.0	3.36						
			SME			10.0	3.16						
			LN		Ms = 5.4	12.0	7.00						
SNY	19.0	318	-iP	09 40	30.0	-0.6							
			PMZ		m _B = 5.7	5.0	1.87						
			SME		m _B = 5.3	9.0	0.99						
			LN		Ms = 5.3	12.0	4.16						
			LE			12.0	4.01						
NJ2	19.0	285	+iP	09 40	32.0	0.8							
			PMZ		m _B = 6.0	6.0	4.80						
			SMN		m _B = 5.8	9.0	2.00						
			SME			8.0	2.60						
			LE		Ms = 5.2	11.0	3.80						
CN2	19.2	325	-iP	09 40	32.0	-1.9							
			PMZ		m _B = 5.4	5.0	1.00						
			S	09 44	06.7	4.5							
			SMN		m _B = 5.5	9.0	1.50						
			SME			9.0	0.80						
			SS	09 44	35.0	6.0							
			LE		Ms = 5.2	11.0	3.70						
QZH	20.0	264	+iP	09 40	42.0	0.1							
			PMZ		m _B = 5.9	7.0	4.01						
			S	09 44	25.0	6.6							
			SMN		m _B = 6.0	11.0	2.82						
			SME			11.0	4.99						
			LN		Ms = 5.2	12.0	2.87						
			LE			12.0	2.76						
TIA	21.1	296	P	09 40	53.6	0.3							
WHN	22.8	281	P	09 41	12.0	1.3							
			S	09 45	21.0	9.4							
			SME		m _B = 6.2	10.0	7.34						
			LE		Ms = 5.3	12.0	4.05						
BJI	23.0	306	eP	09 41	11.0	-0.9							
			PMZ		m _B = 5.4	7.0	1.29						
			eS	09 45	22.0	7.5							
			LN		Ms = 5.3	12.0	3.43						
			LE			13.0	3.11						
TIY	25.1	298	P	09 41	33.2	0.7							
			PMZ		m _B = 5.8	5.5	1.30						
			SME		m _B = 5.9	11.5	3.83						
			LN		Ms = 5.3	14.0	4.04						
GZH	25.1	263	+P	09 41	34.0	1.2							
			S	09 46	00.0	9.1							
			SMN		m _B = 6.2	10.0	2.23						
			SME			10.0	6.54						
			LN		Ms = 5.2	14.0	2.18						
			LE			14.0	2.75						
HHC	26.5	305	-iP	09 41	45.0	-1.3							
			eS	09 46	21.0	5.6							
			SME		m _B = 5.7	12.0	2.26						
			LN		Ms = 5.3	11.0	2.39						
			LE			10.0	1.57						
XAN	27.5	289	P	09 41	53.0	-1.5							
			PP	09 42	37.0	-5.2							
			S	09 46	27.5	-1.5							
			SME			13.0	2.57						
			LE		Ms = 5.4	17.0	6.12						

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BTO	27.6	303	P	09 41 56.5	0.6		
			PP	09 42 48.0	3.9		
			eS	09 46 39.0	6.5		
			LE	Ms=5.1	13.0	1.90	
			LZ	Ms=5.3	13.0	3.30	
QZN	29.7	258	+iP	09 42 15.0	0.8		
			S	09 47 13.0	8.6		
			LE	Ms=5.2	17.0	3.00	
GYA	30.1	274	P	09 42 17.0	-1.1		
			S	09 47 19.0	8.0		
			SMN	m _B =5.5	10.0	1.30	
			LN	Ms=5.5	16.0	3.00	
			LE		16.0	5.10	
LZH	31.7	293	eP	09 42 32.0	-0.4		
			eS	09 47 39.0	1.4		
			LN	Ms=5.5	12.0	2.09	
CD2	31.9	283	P	09 42 32.5	-1.7		
			S	09 47 42.5	2.8		
			LN	Ms=5.7	13.0	7.27	
KMI	33.8	273	+P	09 42 50.0	-1.0		
			S	09 48 10.0	0.4		
			LE	Ms=5.5	16.0	5.04	
LZ				Ms=5.5	20.0	6.25	
GTA	35.1	298	P	09 43 01.4	-0.5		
LSA	42.9	284	P	09 44 07.2	0.4		
			S	09 50 29.2	3.0		
			LN	Ms=5.4	17.0	2.61	
WMQ	44.4	304	P	09 44 18.0	-1.1		
			PMZ	m _B =6.0	4.0	1.00	
			S	09 50 51.0	2.1		
			SMN	m _B =5.6	7.0	0.69	
			LN	Ms=5.5	8.0	1.38	
KSH	53.5	300	eP	09 45 30.0	0.9		
			ePP	09 47 28.0	-2.2		
			LE	Ms=5.6	11.0	1.77	
1985 6 7							
O=12 01 29.9 ± 0.27s							
LAT= 4.59 S ± 3.99km							
LONG=152.75 E ± 5.84km							
DEPTH= 44 km ± 1.54km							
STATIONS USED = 33, STAND DEV= 4.50s							
GZH	47.3	307	-P	12 10 08.0	6.7		
TIA	52.5	324	-P	12 10 45.6	4.2		
SNY	53.3	333	eP	12 10 50.4	3.3		
CN2	54.1	336	-P	12 10 54.8	1.8		
GYA	54.2	307	P	12 11 00.6	6.4		
BJI	55.7	326	eP	12 11 08.0	3.4		

XAN	56.4	316	eP	12 11 14.2	4.1		
KMI	56.8	304	eP	12 11 18.5	5.4		
CD2	58.6	311	P	12 11 20.2	-4.9		
HHC	58.8	324	-iP	12 11 31.8	4.7		
BTO	59.6	323	eP	12 11 37.0	4.6		
LZH	61.0	316	eP	12 11 44.0	1.7		
WMQ	75.6	317	P	12 13 17.5	5.0		

1985 6 7							
O=12 28 40.0 ± 0.08s							
LAT=12.22 N ± 1.65km							
LONG=144.59 E ± 1.66km							
DEPTH= 35 km ± 0.41km							
STATIONS USED = 16, STAND DEV= 1.70s							
BJI	37.4	323	eP	12 35 53.5	2.0		
GYA	38.3	297	P	12 36 00.6	0.8		
XAN	39.0	310	eP	12 36 03.4	-2.2		
CD2	42.0	303	P	12 36 28.4	-1.6		
GTA	47.9	313	P	12 37 16.4	-0.9		

1985 6 7							
O=12 47 12.0 ± 0.06s							
LAT= 8.35 S ± 0.71km							
LONG=122.14 E ± 1.08km							
DEPTH=200 km ± 0.36km							
STATIONS USED = 26, STAND DEV= 1.21s							
QZN	29.8	336	P	12 53 02.3	-0.3		
GYA	37.7	337	-P	12 54 11.2	0.7		
KMI	38.3	331	-P	12 54 17.0	1.9		
WHN	39.4	349	P	12 54 25.5	1.3		
NJ2	40.3	356	eP	12 54 32.5	0.9		
CD2	42.8	337	eP	12 54 51.7	-0.7		
XAN	44.0	344	P	12 55 01.0	-0.6		
BJI	48.5	354	eP	12 55 35.5	-1.1		
MDJ	53.1	7	eP	12 56 10.5	-1.3		

1985 6 7							
O=15 07 55.4 ± 0.12s							
LAT=30.16 N ± 0.95km							
LONG=103.03 E ± 1.09km							
DEPTH= 4 km ± 0.37km							
STATIONS USED = 6, STAND DEV= 3.54s							
M _L =3.6 / 5,							

CD2	1.0	40	Pg	15 08 15.8	3.1		
			Sg	15 08 30.9	5.0		
			SMN	M _L =3.1	0.8	0.61	
			SME		0.6	0.33	
GYA	4.9	138	ePn	15 09 13.2	3.2		
			Pg	15 09 30.4	8.8		
			Sn	15 10 12.6	3.6		

			Sg	15 10 30.4	2.1		
			SMN	$M_L=3.6$	1.2	0.070	
			SME		1.2	0.080	
XAN	6.3	51	Pn	15 09 27.8	-1.8		
			Sn	15 10 39.0	-5.5		
			SMN	$M_L=3.6$	1.0	0.040	
			SME		1.0	0.040	

1985 6 7

O	= 16 12 35.8	± 0.05s
LAT	= 23.82 S	± 0.59km
LONG	= 179.79 W	± 0.89km
DEPTH	= 506 km	± 0.31km
STATIONS USED	= 42,	STAND DEV = 0.66s

QZN	80.7	295	eP	16 23 57.8	0.1
NJ2	80.7	311	eP	16 23 58.0	0.2
MDJ	82.3	326	-P	16 24 05.8	0.1
WHN	83.1	308	P	16 24 10.0	0.3
SNY	83.7	321	+iP	16 24 12.6	-0.1
CN2	83.9	324	+P	16 24 13.0	-0.9
TIA	84.3	314	-P	16 24 16.0	0.2
GYA	86.9	301	P	16 24 28.8	0.6
BJI	87.1	316	eP	16 24 29.0	-0.1
TIY	88.3	313	P	16 24 35.0	0.2
XAN	88.8	308	-iP	16 24 37.7	0.3
KMI	89.4	298	eP	16 24 41.0	0.9
HHC	90.5	315	eP	16 24 45.2	0.1
CD2	91.2	303	eP	16 24 49.2	1.0
BTO	91.4	314	eP	16 24 49.1	0.0
GTA	97.8	310	P	16 25 18.3	-0.1

1985 6 7

O	= 16 29 00.7	± 0.08s
LAT	= 35.58 N	± 1.65km
LONG	= 140.19 E	± 1.55km
DEPTH	= 63 km	± 0.57km
STATIONS USED	= 49,	STAND DEV = 1.63s

MDJ	12.1	321	eP	16 31 54.5	1.5
CN2	14.0	310	eP	16 32 21.0	3.4
SNY	14.4	301	eP	16 32 24.4	1.7
TIA	18.7	279	eP	16 33 16.5	-0.1
BJI	19.5	290	eP	16 33 24.5	-0.8
WHN	22.2	264	P	16 33 54.5	1.2
TIY	22.3	284	eP	16 33 58.7	3.9
HHC	23.0	292	eP	16 34 00.8	-0.9
BTO	24.2	291	eP	16 34 14.2	1.3
XAN	25.7	276	eP	16 34 26.0	-0.8
LZH	29.4	282	eP	16 35 00.5	0.0
GYA	30.0	262	-P	16 35 05.6	-0.7
CD2	30.7	272	eP	16 35 12.4	0.1

GTA	32.1	289	P	16 35 24.2	-0.2
WMQ	40.6	298	P	16 36 38.0	1.3
LSA	41.4	276	eP	16 36 40.6	-2.5

1985 6 7

O	= 18 23 58.4	± 0.10s
LAT	= 26.99 N	± 1.45km
LONG	= 96.19 E	± 1.22km
DEPTH	= 32 km	± 0.19km
STATIONS USED	= 72,	STAND DEV = 2.18s
M_s	= 4.6 / 24,	M_L = 4.7 / 5,

LSA	5.2	302	Pn	18 25 18.3	3.4
			Pg	18 25 33.5	3.2
			eSn	18 26 20.0	5.0
			SME		2.0 1.75
KMI	6.2	106	+Pn	18 25 31.0	3.0
			Sn	18 26 45.5	6.4
			LG ₁	18 27 16.0	3.7
			LG ₂	18 27 25.0	2.9
			LE	$M_s=4.6$	6.0 4.00
CD2	7.7	58	Pn	18 25 52.6	3.8
			eSn	18 27 22.0	5.2
			LN	$M_s=4.8$	11.0 7.58
GYA	9.4	91	P	18 26 14.0	-0.6
			S	18 27 57.0	-2.7
			LN	$M_s=4.6$	10.0 3.20
			LZ	$M_s=4.3$	10.0 1.70
LZH	11.2	34	eP	18 26 37.5	-1.8
			PMZ		1.0 0.070
			LN	$M_s=4.7$	8.0 1.67
			LE		8.0 1.44
GTA	12.8	13	P	18 27 00.0	-0.6
			eLG ₂	18 30 54.0	-5.2
			LE	$M_s=4.5$	12.0 1.86
XAN	13.0	54	+P	18 27 00.7	-3.4
			eS	18 29 28.0	-1.0
			LN	$M_s=4.9$	9.0 2.63
			LE		9.0 1.22
QZN	14.8	119	eP	18 27 29.8	1.8
			eS	18 30 17.0	4.7
			LE	$M_s=4.3$	10.0 0.70
GZH	16.0	100	P	18 27 44.5	1.4
WHN	16.3	73	eP	18 27 46.0	-0.8
TIY	17.4	48	eP	18 27 58.0	-2.3
			LE	$M_s=3.9$	11.0 0.25
BTO	17.8	37	eP	18 28 03.0	-2.1
			eS	18 31 14.0	-5.8
			LN	$M_s=4.8$	11.0 1.40
			LE		10.0 1.00
			LZ	$M_s=4.6$	11.0 1.20

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1985 6 7					STATIONS USED = 85, STAND DEV = 1.50s					
WMQ	18.2	340	eP	18 28 08.5	-1.5					
			SMN			2.0	2.07			
			SME			2.0	1.89			
			ScS	18 40 02.0	8.3					
			LN	Ms=4.5		9.0	0.81			
HHC	18.8	39	P	18 28 16.0	-1.7					
			eS	18 31 42.0	-0.8					
			LN	Ms=4.6		12.0	1.09			
TIA	20.0	58	+P	18 28 30.2	-1.5					
			eS	18 32 10.5	0.1					
			LN	Ms=4.8		13.5	1.40			
			LE			13.5	1.31			
QZH	20.2	91	eP	18 28 38.0	4.2					
			LE	Ms=4.9		8.0	1.24			
NJ2	20.3	70	eP	18 28 34.0	-0.9					
KSH	20.9	312	eP	18 28 43.0	1.8					
			eS	18 32 32.0	3.8					
			LE	Ms=4.8		9.0	1.10			
BJI	21.1	47	eP	18 28 44.5	1.9					
			LN	Ms=4.2		12.0	0.34			
SSE	22.2	73	eP	18 28 55.2	1.3					
			LE	Ms=4.8		14.0	1.63			
			LZ	Ms=4.9		14.0	1.86			
SNY	26.9	50	eP	18 29 37.0	-1.5					
			LN	Ms=4.5		16.0	0.41			
			LE			17.0	0.58			
CN2	29.0	47	P	18 30 00.0	2.7					
			eS	18 34 48.0	3.1					
			LN	Ms=4.5		10.0	0.40			
O = 21 19 26.8 ± 0.09s					Ms = 4.7 / 20, m _B = 5.4 / 2					
LAT = 28.53 N ± 1.62km					QZH 20.3 338 -P 13 23 49.5 3.1					
LONG = 140.73 E ± 2.06km					eS 13 27 29.0 4.7					
DEPTH = 61 km ± 0.63km					SS 13 28 04.5 6.2					
STATIONS USED = 13, STAND DEV = 2.03s					QZN 20.9 309 +P 13 23 53.0 -0.2					
Ms = 4.1 / 1,					PP 13 24 17.0 -2.4					
CN2 19.6 325 eP 21 23 55.0 2.5					S 13 27 43.5 7.5					
			LE Ms=4.1 11.0 0.30					LN Ms=4.5 14.0 1.00		
TIA 21.3 297 eP 21 24 12.7 1.8					GZH 21.3 324 -iP 13 23 57.5 0.9					
BJI 23.2 306 P 21 24 30.0 0.3					pP 13 24 19.0 4.1					
XAN 27.7 289 eP 21 25 11.2 -0.3					LZ Ms=4.8 32.0 3.70					
GTA 35.4 299 eP 21 26 18.8 -0.2					SSE 25.3 349 eP 13 24 32.0 -4.1					
WMQ 44.7 305 P 21 27 36.5 0.3					LZ Ms=4.6 20.0 1.16					
1985 6 8					NJ2 26.8 345 eP 13 24 50.0 0.4					
O = 13 19 15.4 ± 0.10s					LE Ms=4.6 8.0 0.40					
LAT = 6.18 N ± 1.48km					WHN 26.9 336 eP 13 24 52.0 1.1					
LONG = 126.88 E ± 1.98km					PMZ m _B = 5.7 4.0 0.81					
DEPTH = 87 km ± 0.23km					pP 13 25 10.0 -0.1					
					S 13 29 22.0 2.8					
					LE Ms=4.6 10.0 0.53					
					GYA 27.9 319 -P 13 25 01.0 1.3					
					sP 13 25 29.0 -0.5					
					S 13 29 42.0 7.4					
					LE Ms=4.8 12.0 1.00					
					KMI 29.8 312 +P 13 25 17.5 0.6					
					pP 13 25 38.5 2.3					
					eS 13 30 06.0 -0.4					
					LE Ms=4.7 10.0 0.60					
					TIA 31.2 345 eP 13 25 27.3 -1.6					
					eS 13 30 30.9 3.2					
					LE Ms=4.7 9.0 0.43					
					XAN 32.3 331 +iP 13 25 37.6 -1.2					
					PMZ 1.0 0.22					
					sP 13 26 05.0 -4.1					
					eS 13 30 42.0 -3.5					
					LN Ms=4.8 10.0 0.42					
					LE 10.0 0.42					
					CD2 32.8 321 eP 13 25 42.3 -0.6					
					eS 13 30 53.0 0.2					
					LE Ms=5.0 24.0 2.45					
					TIY 34.0 339 -iP 13 25 56.4 2.9					
					PMZ 1.0 0.17					
					sP 13 26 21.0 -2.9					
					S 13 31 13.0 2.1					
					LN Ms=4.4 10.0 0.12					
					LE 9.0 0.17					
					BJI 35.1 346 eP 13 26 00.0 -2.2					
					eS 13 31 28.0 0.4					
					ScS 13 36 18.0 7.1					

SNY	35.6	356	+P	13 26 05.9	-1.0		
			pP	13 26 27.8	0.8		
			sP	13 26 34.6	-2.9		
			eS	13 31 38.5	2.2		
			LE	Ms=4.8	20.0	0.96	
LZH	36.5	328	+iP	13 26 15.5	0.9		
			PMZ			2.5	0.32
			sP	13 26 42.5	-2.5		
			eS	13 31 52.0	1.9		
			eScS	13 36 25.0	6.2		
			LE	Ms=5.0	9.0	0.74	
HHC	37.1	341	P	13 26 19.6	-0.3		
			eS	13 32 04.0	4.2		
			LE	Ms=4.7	10.0	0.38	
BTO	37.4	339	eP	13 26 22.5	0.0		
			eS	13 32 06.0	1.5		
CN2	37.5	358	+P	13 26 25.6	2.9		
			pP	13 26 44.6	1.8		
			eS	13 32 10.0	5.1		
			LE	Ms=4.7	15.0	0.60	
MDJ	38.4	3	eP	13 26 29.0	-0.9		
			sP	13 26 56.0	-4.6		
			PP	13 28 04.0	2.3		
			S	13 32 14.0	-3.1		
			LZ	Ms=4.8	30.0	1.47	
LSA	41.0	309	+P	13 26 52.2	0.1		
			S	13 32 58.0	1.7		
GTA	41.1	328	P	13 26 52.8	0.0		
			PP	13 28 32.7	1.6		
			PcP	13 28 55.4	4.6		
			ScP	13 32 35.4	4.2		
			PcS	13 32 43.8	3.4		
			ScS	13 36 52.0	6.6		
			LE	Ms=5.6	16.0	4.17	
WMQ	50.8	324	P	13 28 09.5	-0.3		
			pP	13 28 29.0	-1.4		
			PcP	13 29 25.5	0.7		
			ScP	13 33 14.4	3.0		
			eS	13 35 17.0	-1.1		
			ScS	13 37 56.5	8.7		
			SS	13 38 44.0	-5.9		
			LZ	Ms=5.2	26.0	2.05	
KSH	56.4	314	+iP	13 28 52.0	1.1		
			eS	13 36 36.0	2.3		

1985 6 8
 O=14 15 40.9 ± 0.09s
 LAT=22.26 N ± 1.31km
 LONG=143.76 E ± 2.02km
 DEPTH=142 km ± 0.14km

STATIONS USED = 57, STAND DEV= 1.38s

SSE	22.0	298	P	14 20 25.6	1.3
			iS	14 24 16.8	3.8
NJ2	24.2	299	eP	14 20 46.0	0.6
MDJ	25.2	336	eP	14 20 55.0	0.1
SNY	25.8	324	eP	14 21 00.6	-0.5
CN2	26.3	329	eP	14 21 04.6	-0.7
TIA	27.0	307	eP	14 21 11.1	-0.5
WHN	27.5	294	eP	14 21 16.5	-0.2
BJI	29.3	313	eP	14 21 39.0	6.1
XAN	32.7	299	eP	14 22 01.2	-1.4
HHC	32.9	312	eP	14 22 03.6	-0.1
BTO	33.8	311	eP	14 22 12.1	0.0
GYA	34.0	285	+P	14 22 13.6	0.3
CD2	36.6	292	+iP	14 22 35.6	-0.2
GTA	41.0	305	P	14 23 12.2	0.3
			ScP	14 28 46.6	2.5
			S	14 29 12.5	0.1
			LN		4.0 0.13
LSA	47.5	290	P	14 24 04.4	-0.3
WMQ	50.6	309	P	14 24 28.0	-0.1
			PMZ		1.5 0.050
			pP	14 24 57.5	-2.6
			sP	14 25 14.0	-2.1
			S	14 31 32.0	2.3

1985 6 8
 O=23 34 45.0 ± 0.06s
 LAT= 7.40 S ± 0.97km
 LONG=107.43 E ± 1.18km
 DEPTH= 60 km ± 0.17km

STATIONS USED = 29, STAND DEV= 0.99s

GYA	33.7	359	P	23 41 24.0	1.2
CD2	38.3	355	eP	23 42 02.8	1.3
XAN	41.2	2	eP	23 42 26.2	0.0
TIY	45.1	6	eP	23 42 58.7	0.9
GTA	47.1	352	P	23 43 14.1	0.6
			iPcP	23 44 45.5	1.7
BJI	47.9	9	eP	23 43 19.5	0.0
CN2	53.5	16	+P	23 44 01.0	-1.2
			PcP	23 45 08.0	0.7

1985 6 9
 O=01 06 38.6 ± 0.06s
 LAT=32.25 N ± 0.81km
 LONG=138.56 E ± 1.12km
 DEPTH=292 km ± 0.61km

STATIONS USED = 32, STAND DEV= 1.21s

MDJ	14.2	333	eP	01 09 49.0	-0.2
DL2	15.3	300	eP	01 10 04.5	2.6

STATIONS USED = 59, STAND DEV = 1.21s

QZN	23.8	323	P	17 22 28.6	1.9
GZH	25.4	335	eP	17 22 42.2	0.4
GYA	31.4	328	-P	17 23 37.5	0.9
			PcP	17 26 28.8	1.6
KMI	32.7	321	+P	17 23 49.0	1.3
CD2	36.5	329	eP	17 24 20.3	0.2
TIA	36.6	350	eP	17 24 19.6	-1.1
XAN	36.8	338	+P	17 24 21.6	-1.3
TIY	39.1	344	eP	17 24 40.7	-0.8
BJI	40.5	350	eP	17 24 52.0	-1.0
LZH	40.7	334	eP	17 24 55.0	0.0
			PMZ		1.5 0.090
SNY	41.5	359	-P	17 25 01.4	-0.2
LSA	43.4	316	-P	17 25 17.9	0.1
CN2	43.5	1	+P	17 25 16.2	-1.5
MDJ	44.5	5	+iP	17 25 26.5	0.6
GTA	45.2	333	-iP	17 25 31.8	-0.1
			PcS	17 30 57.6	-4.9
WMQ	54.6	328	+P	17 26 41.2	-2.0

1985 6 9

O=19 08 00.6 ± 0.16s
 LAT=24.61 N ± 2.16km
 LONG=122.12 E ± 2.11km
 DEPTH= 15 km ± 1.22km

STATIONS USED = 20, STAND DEV = 2.17s

Ms=3.4/ 4, ML=3.9/ 12,

QZH	3.2	277	ePn	19 08 52.6	1.5
			Pg	19 09 03.6	6.0
			Sn	19 09 30.8	-0.4
			Sg	19 09 44.0	2.3
			SMN	ML=3.8	0.9 0.36
			SME		0.7 0.25
			LE	Ms=3.2	8.0 0.59
SSE	6.5	353	+iP	19 09 35.2	-3.3
			LG ₂	19 11 40.0	4.5
			LE	Ms=3.5	18.0 0.86
NJ2	8.0	340	eP	19 10 02.0	3.4
GZH	8.2	261	eP	19 10 01.0	-0.7
			LN	Ms=3.0	11.0 0.090
			LE		11.0 0.060
QZN	12.7	246	eP	19 11 01.3	-2.2
CD2	17.4	295	P	19 12 08.0	3.0
CN2	19.3	7	+P	19 12 27.0	-1.4
MDJ	20.9	15	eP	19 12 46.0	1.2

1985 6 9

O=22 12 22.2 ± 0.04s
 LAT=33.03 N ± 0.33km

LONG=103.98 E ± 0.37km
DEPTH= 6 km ± 0.34km
STATIONS USED = 5, STAND DEV = 1.97s
 ML=3.1/ 5,

CD2	2.1	185	Pn	22 13 00.0	1.4
			Pg	22 13 02.8	3.2
			Sn	22 13 30.2	3.2
			Sg	22 13 34.3	5.7
			SMN	ML=3.1	0.7 0.19
			SME		0.8 0.090
LZH	3.1	358	ePg	22 13 16.5	0.1
			Sg	22 13 57.5	-0.4
			SMN	ML=3.1	1.0 0.070
			SME		1.0 0.070
XAN	4.2	75	ePn	22 13 27.8	0.0
			Pg	22 13 36.8	-0.4
			Sg	22 14 31.8	-3.5
			SMN	ML=3.0	0.8 0.025
			SME		0.8 0.026

1985 6 10

O=00 21 29.0 ± 0.14s
 LAT=44.31 N ± 0.94km
 LONG= 81.69 E ± 0.67km
 DEPTH= 18 km ± 1.02km

STATIONS USED = 6, STAND DEV = 3.97s

ML=3.7/ 6,

WMQ	4.4	94	ePn	00 22 40.1	5.2
			Sg	00 23 41.7	-3.8
			SMN	ML=3.7	0.5 0.12

1985 6 10

O=02 14 51.5 ± 0.06s
 LAT= 1.23 N ± 0.93km
 LONG=126.18 E ± 1.87km
 DEPTH= 31 km ± 0.11km

STATIONS USED = 23, STAND DEV = 1.46s

GYA	31.3	325	P	02 21 11.6	-0.3
CD2	36.4	326	P	02 21 53.8	-1.4
XAN	36.4	335	eP	02 21 53.7	-2.0
DL2	37.7	354	eP	02 22 06.5	-0.1
SNY	40.5	357	eP	02 22 29.9	0.4
CN2	42.4	359	+P	02 22 47.6	2.3
WMQ	54.5	326	P	02 24 17.2	-1.8

1985 6 10

O=03 23 31.6 ± 0.10s
 LAT= 3.02 N ± 1.82km
 LONG= 78.54 W ± 2.25km
 DEPTH= 16 km ± 0.44km

STATIONS USED = 36, STAND DEV = 2.04s

KSH	131.7	26	ePKP	03 42 46.0	0.6
WMQ	131.8	13	PKP	03 42 44.0	-1.5
LZH	141.0	357	ePKP	03 43 05.0	2.3
XAN	142.5	350	ePKP	03 43 04.6	-0.4
WHN	144.4	341	ePKP	03 43 08.5	0.2
LSA	146.0	16	+PKP	03 43 11.8	0.3
CD2	146.2	356	PKP	03 43 13.2	1.8
GYA	150.3	351	PKP	03 43 23.0	4.9
GZH	151.6	337	ePKP	03 43 26.4	6.5
KMI	152.0	358	ePKP	03 43 21.5	0.7

1985 6 10

O = 07 33 56.0 ± 0.06s

LAT = 14.76 S ± 1.48km

LONG = 177.88 W ± 1.45km

DEPTH = 366 km ± 0.14km

STATIONS USED = 29, STAND DEV = 1.23s

CN2	77.9	322	+P	07 45 16.4	0.2
			pP	07 46 40.0	1.5
BJI	81.9	315	eP	07 45 37.5	-0.1
GYA	83.9	299	P	07 45 45.6	-2.3
CD2	87.8	303	eP	07 46 08.7	2.2

1985 6 10

O = 11 41 53.2 ± 0.07s

LAT = 40.58 N ± 1.17km

LONG = 35.84 E ± 0.76km

DEPTH = 10 km ± 0.15km

STATIONS USED = 26, STAND DEV = 1.32s

WMQ	38.0	67	P	11 49 14.3	0.2
CD2	54.7	77	eP	11 51 24.9	-0.9
XAN	57.0	71	eP	11 51 40.5	-1.4
BJI	59.1	62	eP	11 52 01.5	4.6
CN2	63.2	54	+P	11 52 25.4	0.8

1985 6 10

O = 15 37 00.7 ± 0.19s

LAT = 27.96 S ± 1.52km

LONG = 67.03 W ± 0.30km

DEPTH = 148 km ± 1.64km

STATIONS USED = 81, STAND DEV = 1.17s

$m_B = 6.1 / 14$

KSH	147.4	60	-iPKP	15 56 27.0	1.4
			eSKKS	16 06 30.0	
WMQ	154.3	45	PKP	15 56 35.0	-0.9
			PKP ₂	15 57 00.8	
			pPKP	15 57 17.0	2.9
			SKS	16 03 20.0	-4.7
			SKKS	16 07 08.4	

MDJ	158.7	326	LE				
			PKP	15 56 40.5	-1.1		
			PKP ₂	15 57 18.0			
			pPKP	15 57 25.0	5.0		
			PP	16 01 00.0	-0.7		
			PPMZ	$m_B = 6.2$		8.0	1.69
			SKKS	16 07 30.0			
			SS	16 20 44.0	-4.3		
LSA	160.8	80	-PKP	15 56 44.0	-0.3		
			PKP ₂	15 57 29.0			
			PP	16 01 11.0	-1.0		
			PPMZ	$m_B = 5.9$		7.0	0.82
			SKKS	16 07 42.5			
			LN			15.0	1.16
CN2	161.3	331	-PKP	15 56 43.4	-0.9		
			pPKP	15 57 29.0	6.4		
			PKP ₂	15 57 26.0			
			PKS	16 00 16.0			
			PP	16 01 11.0	-3.6		
			PPMZ	$m_B = 5.7$		8.0	0.60
			SKKS	16 07 41.0			
			SS	16 21 07.0	-7.0		
SNY	163.7	331	-iPKP	15 56 47.0	0.3		
			pPKP	15 57 30.0	5.0		
			PKP ₂	15 57 42.2			
			pPKP ₂	15 58 24.0			
			PP	16 01 24.0	-3.3		
			PPMZ			15.0	1.53
			SKKS	16 07 56.0			
			LE			23.0	0.88
GTA	164.2	40	PKP	15 56 46.6	-0.8		
			pPKP	15 57 33.4	7.8		
			PP	16 01 30.9	0.8		
			iSKKS	16 07 57.0			
			LE			43.0	6.56
DL2	166.9	329	PKP	15 56 49.3	-0.2		
			pPKP	15 57 36.0	8.1		
			PKP ₂	15 57 56.0			
			PP	16 01 38.0	-5.7		
			LN			11.0	0.60
HHC	167.1	5	-iPKP	15 56 50.2	0.4		
			pPKP	15 57 34.5	6.5		
			PKP ₂	15 57 54.5			
			sPKP	15 57 48.0			
			PP	16 01 42.5	-2.0		
			PPMZ	$m_B = 6.2$		8.0	2.15
			LN			14.0	2.03
BTO	167.2	10	-iPKP	15 56 51.0	1.2		
			ipPKP	15 57 33.0	4.9		
			SKKS	16 08 14.0			

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LONG = 157.85 E ± 0.66km
 DEPTH = 130 km ± 0.17km
 STATIONS USED = 23, STAND DEV = 0.74s

MDJ	20.2	258	eP	08 38 06.0	-0.8
CN2	23.2	261	+iP	08 38 35.0	-0.8
NJ2	34.8	249	-iP	08 40 21.2	0.8
GTA	41.3	275	P	08 41 14.5	-0.2
			pP	08 41 47.6	4.3
CD2	44.6	263	eP	08 41 41.1	0.1
WMQ	45.8	288	P	08 41 50.8	-0.5
GYA	46.1	256	P	08 41 53.0	0.0

			SME		0.5	0.25
			SMZ	M _L = 3.5	0.5	0.37
TIY	3.4	317	ePg	01 46 34.4	1.2	
			Sg	01 47 13.5	-5.6	
			SMN	M _L = 3.2	0.6	0.060
			SME		0.5	0.090
BJI	4.8	8	ePg	01 47 03.0	5.1	
WHN	4.8	190	ePn	01 46 55.0	8.9	
			Pg	01 47 01.0	2.5	
			Sg	01 48 01.8	-2.6	
			SME	M _L = 3.5	0.2	0.060
XAN	5.5	259	Pn	01 46 50.2	-4.7	
			Pg	01 47 09.0	-0.7	
			Sg	01 48 20.0	-4.3	

1985 6 11
 O = 16 17 37.3 ± 0.15s
 LAT = 4.64 N ± 1.27km
 LONG = 95.61 E ± 1.36km
 DEPTH = 115 km ± 0.72km
 STATIONS USED = 19, STAND DEV = 1.48s

KMI	21.5	18	eP	16 22 21.5	3.0
GYA	24.1	25	P	16 22 46.0	1.9
CD2	27.2	15	+iP	16 23 12.2	-0.7
XAN	31.8	21	+iP	16 23 52.0	-1.1
WMQ	39.6	351	eP	16 24 58.0	-1.8
BJI	39.8	25	eP	16 25 03.0	1.7
CN2	47.0	29	P	16 25 59.0	-0.5

1985 6 12
 O = 08 49 10.7 ± 0.06s
 LAT = 4.15 S ± 1.15km
 LONG = 102.51 E ± 1.53km
 DEPTH = 85 km ± 0.67km
 STATIONS USED = 67, STAND DEV = 1.11s

QZN	24.1	17	eP	08 54 22.0	1.9
			eS	08 58 29.0	-0.3
KMI	29.1	0	+P	08 55 07.0	0.9
GYA	30.7	7	P	08 55 20.4	0.3
			PcP	08 58 16.4	0.9
CD2	34.9	2	+iP	08 55 56.0	-0.3
			PMZ		0.8 0.050
LSA	35.4	343	-P	08 55 59.3	-1.6
WHN	36.3	17	eP	08 56 09.0	0.7
XAN	38.5	9	+iP	08 56 26.2	-0.2
SSE	39.3	26	+P	08 56 36.0	2.6
LZH	40.0	2	+iP	08 56 40.5	0.8
			PMZ		1.5 0.080
TIA	42.4	18	eP	08 56 57.8	-1.2
TIY	42.7	12	P	08 57 01.6	0.6
GTA	43.4	357	-iP	08 57 08.0	0.7
BTO	45.1	8	eP	08 57 20.0	-0.5
HHC	45.5	10	+P	08 57 24.5	0.2
BJI	45.7	15	eP	08 57 25.0	-0.6
DL2	46.3	21	eP	08 57 30.0	-0.5
WMQ	49.6	346	P	08 57 54.7	-1.1
SNY	49.6	21	eP	08 57 53.7	-2.3
KSH	49.8	333	P	08 57 57.0	-0.6
			eS	09 05 01.0	1.2
			sS	09 05 29.0	-5.8
MDJ	54.3	24	eP	08 58 29.3	-1.5

1985 6 11
 O = 18 47 38.7 ± 0.11s
 LAT = 3.53 S ± 0.87km
 LONG = 146.12 E ± 2.13km
 DEPTH = 30 km ± 0.32km
 STATIONS USED = 14, STAND DEV = 1.14s

XAN	51.2	320	eP	18 56 41.2	-1.0
BJI	51.3	331	eP	18 56 43.0	0.1
CD2	52.9	313	eP	18 56 56.6	1.6
HHC	54.3	328	eP	18 57 06.0	1.0
BTO	54.9	327	eP	18 57 11.0	1.2
GTA	60.3	320	eP	18 57 46.2	-1.4
WMQ	70.4	319	eP	18 58 53.8	1.4

1985 6 12
 O = 01 45 33.5 ± 0.17s
 LAT = 35.30 N ± 1.49km
 LONG = 115.36 E ± 1.70km
 DEPTH = 13 km ± 0.80km
 STATIONS USED = 12, STAND DEV = 4.88s
 M_L = 3.4 / 14,

TIA	1.7	57	-Pg	01 46 01.3	-2.4
			Sg	01 46 23.5	-3.4
			SMN	M _L = 3.3	0.5 0.43

LSA	35.4	343	-P	08 55 59.3	-1.6
WHN	36.3	17	eP	08 56 09.0	0.7
XAN	38.5	9	+iP	08 56 26.2	-0.2
SSE	39.3	26	+P	08 56 36.0	2.6
LZH	40.0	2	+iP	08 56 40.5	0.8
			PMZ		1.5 0.080
TIA	42.4	18	eP	08 56 57.8	-1.2
TIY	42.7	12	P	08 57 01.6	0.6
GTA	43.4	357	-iP	08 57 08.0	0.7
BTO	45.1	8	eP	08 57 20.0	-0.5
HHC	45.5	10	+P	08 57 24.5	0.2
BJI	45.7	15	eP	08 57 25.0	-0.6
DL2	46.3	21	eP	08 57 30.0	-0.5
WMQ	49.6	346	P	08 57 54.7	-1.1
SNY	49.6	21	eP	08 57 53.7	-2.3
KSH	49.8	333	P	08 57 57.0	-0.6
			eS	09 05 01.0	1.2
			sS	09 05 29.0	-5.8
MDJ	54.3	24	eP	08 58 29.3	-1.5

1985 6 12
 O = 13 23 12.0 ± 0.15s

LAT=24.59 N		± 1.80km		LN		Ms=5.2		12.0		5.00	
LONG=122.34 E		± 1.87km		LE				12.0		3.74	
DEPTH= 20 km		± 0.46km		TIY		15.6 329		eP		13 26 56.4 4.0	
STATIONS USED = 74, STAND DEV = 2.14s				LG ₂		13 31 39.0		-6.8			
Ms=5.2/29, M _L =4.7/11, m _B =5.2/3				LN		Ms=5.5		12.0		6.49	
QZH	3.4	277	ePn	13 24 05.3	0.5	LE		12.0		9.33	
			Sn	13 24 43.5	-3.2	BJI		16.3 343		eP 13 27 02.0 0.9	
SSE	6.6	351	+P	13 24 47.5	-2.5	eS		13 30 04.0		3.3	
			PMZ		0.7 0.12	LE		Ms=5.0		13.0 4.00	
			S	13 26 09.0	4.2	SNY		17.2 3		+P 13 27 14.0 0.7	
			LG ₁	13 26 38.0	0.1	PMZ		m _B =5.0		12.0 0.85	
			LG ₂	13 26 50.5	2.2	eS		13 30 27.0		4.0	
			LN	Ms=5.0	11.0 7.34	LN		Ms=5.2		11.0 4.16	
			LE		10.0 13.2	LE				10.0 1.61	
			LZ	Ms=5.0	8.0 11.9	CD2		17.6 295		P 13 27 17.5 -0.6	
NJ2	8.0	338	+P	13 25 07.6	-3.1	eS		13 30 34.0		2.2	
			S	13 26 34.6	-7.1	LG ₁		13 32 31.5		6.6	
			LG ₁	13 27 20.0	-4.5	LG ₂		13 32 55.0		2.2	
			LE	Ms=5.4	11.0 27.0	LE		Ms=5.4		9.0 6.40	
GZH	8.4	262	+P	13 25 15.4	0.0	KMI		17.8 276		+P 13 27 22.0 1.2	
			S	13 26 48.3	-1.8	eS		13 30 39.0		2.4	
			LN	Ms=5.0	10.0 7.01	LE		Ms=5.4		11.0 7.70	
			LE		9.0 4.73	HHC		18.5 334		P 13 27 31.0 1.1	
WHN	9.2	312	eP	13 25 26.5	-0.9	S		13 30 54.0		1.5	
			eS	13 27 09.0	-2.8	LN		Ms=5.3		12.0 3.10	
			SMN		1.2 0.56	LE				13.0 5.30	
			SME		1.4 0.28	BTO		19.0 330		P 13 27 30.5 -5.1	
			LN	Ms=5.2	9.0 8.58	S		13 31 01.5		-1.3	
			LE		9.0 8.07	LN		Ms=5.3		13.0 5.10	
TIA	12.4	340	eP	13 26 13.6	2.7	LE				12.0 3.00	
			eS	13 28 32.8	3.0	LZ		Ms=5.1		13.0 4.10	
			LN	Ms=5.1	9.0 3.50	CN2		19.3 7		-P 13 27 39.2 0.1	
			LE		8.5 4.40	PMZ		m _B =5.2		3.5 0.40	
			LZ	Ms=5.2	9.0 7.30	PP		13 27 59.0		3.2	
QZN	12.9	247	eP	13 26 18.2	1.4	S		13 31 10.0		0.0	
			eS	13 28 41.2	0.8	SMN		m _B =5.2		8.0 0.70	
			LG ₂	13 30 09.0	-7.2	SME				8.0 0.70	
			LN	Ms=4.8	11.0 2.10	SS		13 31 33.0		-3.1	
			LE		12.0 2.90	LN		Ms=5.3		10.0 4.50	
GYA	14.3	281	P	13 26 35.0	-0.6	LZH		19.6 310		P 13 27 43.0 0.6	
			S	13 29 12.0	-1.8	sS		13 31 27.0		0.6	
			LN	Ms=5.4	9.0 7.10	LG ₂		13 33 58.0		-1.1	
			LE		9.0 3.60	LN		Ms=5.1		11.0 2.49	
DL2	14.3	358	eP	13 26 38.0	2.5	LE				13.0 2.94	
			eS	13 29 16.0	1.6	MDJ		20.8 15		eP 13 27 54.5 -0.7	
			LN	Ms=4.9	12.0 3.67	iS		13 31 40.0		-2.0	
XAN	15.0	312	eP	13 26 44.0	-1.1	LE		Ms=5.4		14.0 6.94	
			SS	13 29 47.0	-1.3	GTA		24.1 313		P 13 28 27.4 0.0	
			LG ₁	13 30 59.0	-4.3	S		13 32 41.0		1.0	
			LG ₂	13 31 22.0	-5.1	LN		Ms=5.1		19.0 3.91	

June, 1985



LAT=24.53 N ± 2.81km
 LONG=122.32 E ± 2.60km
 DEPTH= 9 km ± 1.22km
 STATIONS USED = 56, STAND DEV= 2.69s
 Ms=4.6/16, M_L=4.7/11, m_B=5.4/1

QZH	3.4	278	ePn	20 35 03.0	-0.8		
			Sn	20 35 41.5	-4.9		
			SMN	M _L =4.7	1.2	2.55	
			SME		1.2	1.62	
SSE	6.6	352	+P	20 35 45.7	-4.4		
			eS	20 37 03.0	-3.3		
			LN	M _s =4.3	11.0	1.65	
			LE		10.0	2.54	
NJ2	8.1	339	eP	20 36 05.5	-5.2		
			LE	M _s =4.7	12.5	5.60	
GZH	8.3	262	P	20 36 12.5	-1.7		
			S	20 37 46.5	-2.8		
			SMN	M _L =5.0	1.2	0.60	
			SME		1.0	0.18	
			LN	M _s =4.6	8.0	1.18	
			LE		8.0	2.40	
WHN	9.3	312	eP	20 36 27.0	0.0		
			eS	20 38 03.0	-9.5		
			LG ₁	20 38 57.6	-3.6		
			SMN		1.0	0.25	
			SMZ		1.2	0.15	
			LN	M _s =4.5	12.0	1.70	
			LE		12.0	2.43	
QZN	12.8	247	eP	20 37 16.5	1.0		
			LN	M _s =4.3	10.0	0.70	
			LE		10.0	0.70	
GYA	14.3	281	eP	20 37 35.8	1.0		
			eS	20 40 11.6	-2.9		
DL2	14.3	358	eP	20 37 42.7	7.0		
XAN	15.0	312	eP	20 37 43.0	-1.8		
			LG ₁	20 42 02.0	-0.3		
			LG ₂	20 42 24.0	-2.2		
			LN	M _s =4.6	11.0	1.53	
			LE		10.0	0.67	
TIY	15.6	330	eP	20 37 57.2	4.8		
			LN	M _s =4.7	11.0	1.17	
			LE		11.0	1.36	
BJI	16.3	343	eP	20 38 00.0	-1.1		
			eS	20 41 03.0	0.9		
			LE	M _s =4.3	11.0	0.63	
SNY	17.3	3	eP	20 38 14.0	0.5		
			SS	20 41 43.0	-2.1		
			LN	M _s =4.6	11.0	0.97	
			LE		11.0	0.71	
CD2	17.6	295	eP	20 38 18.5	0.8		

			eS	20 41 40.5	8.3		
			LE	M _s =4.7	9.0	1.19	
KMI	17.8	276	eP	20 38 19.5	-0.5		
HHC	18.6	334	P	20 38 29.0	-0.9		
			S	20 41 51.0	-2.8		
			LN	M _s =4.2	14.0	0.58	
BTO	19.1	330	eP	20 38 35.0	-0.5		
			eS	20 42 00.0	-5.0		
			LN	M _s =4.8	14.0	2.30	
CN2	19.4	7	+P	20 38 37.5	-1.8		
			eS	20 42 07.0	-5.4		
			LN	M _s =4.7	11.0	1.20	
LZH	19.6	310	eP	20 38 42.0	-0.2		
MDJ	20.9	15	eP	20 38 54.0	-1.5		
GTA	24.1	313	eP	20 39 27.0	-0.3		
			LN	M _s =4.5	12.0	0.58	

1985 6 13

O=00 53 09.1 ± 0.05s
 LAT=38.98 N ± 0.95km
 LONG= 25.99 E ± 0.62km
 DEPTH= 10 km ± 0.09km

STATIONS USED = 24, STAND DEV= 1.04s

WMQ	45.6	63	P	01 01 32.8	0.8		
CD2	62.5	71	+iP	01 03 36.3	0.6		
XAN	64.6	66	eP	01 03 49.4	-0.4		
KMI	64.8	77	eP	01 03 50.0	-0.9		
GYA	67.0	74	P	01 04 04.6	-0.6		

1985 6 13

O=04 19 24.5 ± 0.04s
 LAT=63.67 N ± 0.75km
 LONG=148.97 W ± 0.64km
 DEPTH= 33 km ± 0.08km

STATIONS USED = 37, STAND DEV= 0.85s

Ms=4.6/1,

CN2	50.0	290	-P	04 28 18.0	-0.5		
SNY	52.5	290	-iP	04 28 36.7	0.1		
BJI	57.0	294	eP	04 29 09.5	-0.4		
NJ2	62.7	287	-P	04 29 48.6	-0.6		
GTA	63.8	306	P	04 29 56.8	0.1		
			LE	M _s =4.6	11.0	0.14	
WMQ	63.9	318	eP	04 29 56.0	-0.9		
XAN	65.1	296	eP	04 30 03.2	-1.6		
WHN	65.9	290	eP	04 30 09.5	-0.5		
CD2	69.9	299	P	04 30 34.8	-0.1		
GYA	72.7	295	-P	04 30 52.0	0.2		

1985 6 13

O=11 19 37.1 ± 0.17s

LAT=45.18 S ± 3.05km

LONG= 95.85 E ± 3.12km

DEPTH= 9 km ± 0.73km

STATIONS USED = 14, STAND DEV= 2.66s

MI 70.2 7 eP 11 30 53.5 -0.1

YA 72.0 10 eP 11 31 03.6 -0.3

D2 76.1 7 eP 11 31 27.1 -0.6

AN 79.7 11 eP 11 31 45.8 -2.1

TA 84.3 3 eP 11 32 19.3 7.6

WMQ 88.9 354 P 11 32 34.0 -0.3

1985 6 13

O=12 43 31.8 ± 0.05s

LAT=13.85 N ± 0.86km

LONG=144.77 E ± 1.28km

DEPTH=160 km ± 0.22km

STATIONS USED = 34, STAND DEV= 0.98s

QZN 33.9 284 eP 12 50 01.3 -0.1

BJI 36.2 322 eP 12 50 24.0 3.0

GYA 37.8 295 P 12 50 35.6 1.1

KAN 38.2 308 eP 12 50 37.2 -0.5

KMI 41.0 292 eP 12 51 01.5 0.0

CD2 41.3 301 eP 12 51 03.3 -0.1

LZH 42.8 309 eP 12 51 16.5 0.7

GTA 46.9 311 -iP 12 51 49.0 0.3

pP 12 52 23.1 -0.7

S 12 58 26.9 1.1

LSA 51.8 297 P 12 52 25.8 -0.5

WMQ 56.9 313 P 12 53 02.5 -0.4

1985 6 13

O=12 57 20.4 ± 0.08s

LAT=29.10 N ± 0.57km

LONG=102.48 E ± 0.93km

DEPTH= 6 km ± 0.26km

STATIONS USED = 7, STAND DEV= 2.46s

 $M_L=3.3/3,$

CD2 2.1 31 Pg 12 57 58.8 0.9

Sg 12 58 26.2 -0.5

SMN $M_L=3.3$ 0.8 0.23

SME 0.8 0.23

1985 6 13

O=14 51 02.1 ± 0.16s

LAT=20.25 N ± 2.65km

LONG=122.31 E ± 2.21km

DEPTH= 33 km ± 0.69km

STATIONS USED = 22, STAND DEV= 2.70s

 $M_s=4.0/1, M_L=4.7/1,$

GZH 8.8 290 eP 14 53 09.0 -1.1

S 14 54 42.5 -6.5

SMN $M_L=4.7$ 0.9 0.19

SME 0.9 0.11

Q7N 11.8 266 eP 14 53 51.6 0.2

eS 14 56 01.2 -1.9

GYA 15.6 296 eP 14 54 44.6 2.7

XAN 18.2 322 eP 14 55 14.6 1.0

TIY 19.4 336 eP 14 55 28.3 -0.1

CD2 19.8 306 P 14 55 33.4 0.7

BJI 20.4 346 eP 14 55 37.0 -2.2

SNY 21.5 3 eP 14 55 52.2 1.5

LZH 22.6 318 eP 14 56 03.5 2.0

BTO 22.8 335 eP 14 56 05.0 1.2

CN2 23.6 6 eP 14 56 11.6 0.3

S 15 00 23.0 3.3

LE $M_s=4.0$ 20.0 0.30

1985 6 13

O=14 57 43.4 ± 0.13s

LAT=36.53 N ± 1.39km

LONG= 76.97 E ± 1.61km

DEPTH= 23 km ± 0.45km

STATIONS USED = 22, STAND DEV= 2.72s

 $M_L=4.4/4,$

KSH 3.0 345 Pg 14 58 39.0 1.8

Sg 14 59 17.0 -1.4

WMQ 11.0 45 -iP 15 00 22.0 -0.4

S 15 02 16.5 -8.5

LG₂ 15 03 39.0 -6.3

LN 1.5 0.080

GTA 18.2 74 P 15 01 53.6 -3.6

LZH 21.6 83 eP 15 02 34.5 -0.2

PMZ 1.0 0.060

CD2 22.9 96 eP 15 02 49.1 1.7

1985 6 13

O=16 01 10.4 ± 0.08s

LAT= 9.81 S ± 1.53km

LONG=160.20 E ± 1.62km

DEPTH= 43 km ± 0.69km

STATIONS USED = 14, STAND DEV= 1.90s

CN2 62.0 332 -P 16 11 28.0 -1.1

XAN 65.3 315 eP 16 11 48.7 -2.2

CD2 67.6 309 P 16 12 04.4 -0.7

1985 6 13

O=19 15 26.5 ± 0.10s

LAT=39.91 N ± 1.22km

LONG=118.73 E ± 0.48km

DEPTH= 15 km

STATIONS USED = 6, STAND DEV = 2.66s

$M_L = 2.6 / 6,$

BJI	2.0	274	ePn	19 16 00.0	0.1		
			eSn	19 16 25.0	-1.2		
TIA	3.9	199	ePg	19 16 38.4	2.8		
			Sg	19 17 19.8	-9.2		
			SMN	$M_L = 2.3$	0.4	0.0070	
			SME		0.3	0.0070	
			SMZ	$M_L = 2.4$	0.3	0.0060	

1985 6 13

O = 19 36 34.8 ± 0.11s

LAT = 33.08 N ± 0.88km

LONG = 137.67 E ± 1.07km

DEPTH = 349 km ± 0.57km

STATIONS USED = 81, STAND DEV = 0.94s

$m_B = 4.8 / 7$

MDJ	13.1	334	eP	19 39 30.0	-1.2		
			sP	19 40 54.0	4.5		
			ScP	19 47 30.0	-2.5		
			eS	19 41 51.0	-0.3		
			SME	$m_B = 4.8$	6.0	1.20	
			ScS	19 51 09.0	0.9		
SSE	14.1	266	eP	19 39 41.2	-1.4		
			esP	19 41 04.0	1.0		
			eS	19 42 12.0	-0.7		
SNY	14.2	312	-iP	19 39 43.0	-0.3		
			PMZ		3.0	0.78	
			S	19 42 14.5	0.9		
			SMN	$m_B = 4.4$	6.5	0.50	
DL2	14.2	299	eP	19 39 43.0	-0.8		
			S	19 42 11.0	-3.5		
CN2	14.3	322	-iP	19 39 44.0	-1.1		
			PMZ	$m_B = 5.1$	5.0	0.50	
			sP	19 41 07.0	0.9		
			S	19 42 18.0	1.0		
			ScS	19 51 08.0	-3.0		
NJ2	15.9	271	+P	19 40 01.0	-0.6		
			ScP	19 47 38.6	1.3		
TIA	17.2	286	-iP	19 40 15.5	0.4		
			PMZ		3.0	1.27	
			S	19 43 17.0	5.0		
			SMN	$m_B = 4.8$	4.0	0.42	
			SME		5.0	0.63	
			ScP	19 47 48.5	8.6		
BJI	18.6	298	-iP	19 40 29.5	0.4		
			PMZ		3.0	1.65	
			ScP	19 47 43.0	0.1		
			S	19 43 45.0	6.9		
			SME	$m_B = 4.7$	6.0	0.79	

			ScS	19 51 23.5	0.4		
WHN	20.0	269	-iP	19 40 44.0	1.2		
			PMZ		0.6	0.0	
TIY	21.1	290	-P	19 40 54.0	0.5		
			PMZ	$m_B = 5.4$	4.5	0.0	
HHC	22.2	298	-iP	19 41 04.8	0.4		
			S	19 44 47.0	6.2		
			SME	$m_B = 4.6$	8.0	0.0	
BTO	23.3	297	-iP	19 41 15.4	0.7		
			cS	19 45 01.0	0.9		
XAN	23.9	280	-iP	19 41 20.6	0.1		
			PMZ		1.2	0.3	
			PcS	19 48 24.0	-6.3		
GYA	27.6	264	P	19 41 53.2	-0.7		
			S	19 46 08.8	-0.1		
LZH	27.9	286	eP	19 41 56.0	-0.5		
			PMZ		2.0	0.1	
QZN	28.5	248	eP	19 42 03.3	1.6		
CD2	28.8	275	-iP	19 42 03.9	0.1		
			PMZ		0.8	0.04	
GTA	31.0	293	+iP	19 42 23.6	0.2		
			PP	19 43 44.5	2.0		
			ScP	19 48 19.0	1.5		
			SS	19 49 16.2	-5.5		
			ScS	19 52 14.2	-0.1		
KMI	31.4	265	+P	19 42 27.0	0.0		
			iScP	19 48 22.0	3.2		
LSA	39.6	278	eP	19 43 36.0	0.2		
WMQ	40.0	300	-iP	19 43 39.7	0.7		
			PMZ		1.5	0.21	
			pP	19 44 48.8	1.4		
			ScP	19 48 51.0	0.8		
			S	19 49 20.0	1.6		
			ScS	19 53 05.0	1.1		
KSH	49.3	296	-P	19 44 53.0	1.1		
			pP	19 46 07.0	4.0		

1985 6 13

O = 20 05 29.4 ± 0.18s

LAT = 22.84 N ± 2.20km

LONG = 121.40 E ± 2.17km

DEPTH = 11 km ± 0.60km

STATIONS USED = 39, STAND DEV = 2.54s

$M_s = 4.6 / 6, M_L = 4.2 / 14,$

QZH	3.3	310	-Pn	20 06 21.2	-0.4		
			Sn	20 06 57.2	-5.8		
			SMN	$M_L = 4.3$	0.7	0.77	
			SME		1.0	1.11	
GZH	7.4	273	+P	20 07 22.5	1.9		
			iS	20 08 40.0	-5.6		

		SMN	$M_L = 4.2$	0.7	0.097
		SME		0.7	0.071
ISE	8.2	359	eP	20 07 32.0	0.3
			LG ₁	20 09 52.3	4.6
			LG ₂	20 10 07.0	6.3
			LE	$M_s = 3.9$	16.0 1.15
NJ2	9.4	347	eP	20 07 50.0	1.3
			LE	$M_s = 4.3$	5.0 0.74
WHN	9.9	322	+iP	20 07 52.8	-2.5
			eS	20 09 38.4	-9.4
			LG ₁	20 10 38.4	-2.8
			SME		1.2 0.10
QZN	11.4	253	eP	20 08 16.4	0.2
			eS	20 10 24.8	-0.3
TIA	13.8	345	eP	20 08 53.6	5.5
			LN	$M_s = 5.1$	13.5 7.00
			LZ	$M_s = 4.4$	13.5 1.49
GYA	13.9	288	eP	20 08 49.4	0.6
XAN	15.6	318	eP	20 09 13.2	1.5
CD2	17.7	301	P	20 09 40.5	3.1
BJI	17.7	347	eP	20 09 39.5	1.6
BTO	20.1	334	eP	20 10 06.5	-0.4
			eS	20 13 44.0	-4.0
			LN	$M_s = 4.7$	12.0 1.20
			LE		12.0 0.70
			LZ	$M_s = 4.7$	12.0 1.20
LZH	20.2	315	eP	20 10 09.0	2.0
GTA	24.7	317	P	20 10 53.4	1.2

LAT=42.16 N	± 2.37km
LONG=142.30 E	± 1.29km
DEPTH= 65 km	± 1.52km
STATIONS USED = 14, STAND DEV = 1.96s	
BJI	19.8 273 eP 23 22 20.0 -2.0
TIA	20.4 261 eP 23 22 26.6 -1.5
XAN	27.4 264 eP 23 23 36.0 0.3
WMQ	39.4 292 eP 23 25 21.1 1.6

1985 6 14	
O=04 34 21.8	± 0.10s
LAT=10.19 N	± 1.39km
LONG= 93.68 E	± 1.30km
DEPTH= 33 km	± 0.16km
STATIONS USED = 31, STAND DEV = 1.42s	
LSA	19.6 353 -P 04 38 47.5 -2.6
GYA	20.3 35 +P 04 38 59.4 1.5
CD2	22.6 23 eP 04 39 21.9 0.5
XAN	27.5 28 eP 04 40 06.6 -1.3
WHN	27.9 41 eP 04 40 12.8 1.5
NJ2	31.9 43 +P 04 40 47.4 1.2
WMQ	33.9 352 P 04 41 02.5 -1.7
HHC	34.4 24 eP 04 41 07.4 -0.9
BJI	35.8 30 eP 04 41 21.0 0.6
CN2	43.3 34 -P 04 42 23.0 0.1

1985 6 14	
O=13 14 10.3	± 0.07s
LAT=40.80 S	± 1.40km
LONG= 75.22 W	± 2.34km
DEPTH= 10 km	± 0.42km
STATIONS USED = 33, STAND DEV = 1.75s	
MDJ	161.4 290 ePKP 13 34 08.0 -4.0
WMQ	167.0 71 PKP 13 34 17.0 -0.4
TIA	169.3 249 ePKP 13 34 18.3 -0.4
CD2	170.1 175 ePKP 13 34 20.5 1.3
XAN	172.5 207 ePKP 13 34 21.2 0.6
GTA	175.9 108 PKP 13 34 22.4 0.6

1985 6 13	
O=20 54 50.3	± 0.19s
LAT= 9.49 S	± 0.98km
LONG=113.79 E	± 0.85km
DEPTH=107 km	± 1.70km
STATIONS USED = 33, STAND DEV = 1.38s	
QZN	28.6 352 eP 21 00 40.6 1.7
GYA	36.4 349 P 21 01 47.8 1.2
CD2	41.3 347 +iP 21 02 28.3 1.1
XAN	43.5 354 +P 21 02 44.8 -0.6
TIA	45.6 4 eP 21 03 01.0 -0.6
LZH	46.3 349 eP 21 03 08.5 1.0
	PMZ 1.0 0.060
BJI	49.3 2 eP 21 03 30.0 -0.9
GTA	50.4 346 +iP 21 03 40.2 1.2
SNY	51.8 9 -iP 21 03 48.7 -1.4
CN2	54.1 10 eP 21 04 04.4 -2.2
MDJ	55.7 14 eP 21 04 17.0 -1.5

1985 6 15	
O=00 57 00.1	± 0.06s
LAT=49.93 N	± 1.03km
LONG= 78.86 E	± 0.88km
DEPTH= 0 km	± 0.13km
STATIONS USED = 90, STAND DEV = 1.05s	
$M_s = 5.0 / 13, m_B = 5.5 / 3$	
WMQ	8.6 132 +iP 00 59 08.5 -0.5
	S 01 00 43.0 -4.5
	LG ₂ 01 01 39.0 -4.9
	LN 3.0 16.9

1985 6 13	
O=23 17 54.2	± 0.10s



STATIONS USED = 84, STAND DEV = 1.53s
 $M_s = 5.4 / 34,$ $m_B = 5.5 / 7$

KSH	7.3	312	-Pn	15 19 32.0	5.6		
			Sn	15 21 00.0	9.0		
			LN	$M_s = 5.6$	14.0	72.1	
LSA	8.6	124	+P	15 19 47.0	0.4		
			S	15 21 22.3	-0.6		
			LN	$M_s = 4.0$	10.0	1.00	
WMQ	9.8	21	P	15 20 03.5	0.1		
			S	15 21 53.0	-0.6		
			LG ₁	15 22 48.2	0.4		
			LG ₂	15 23 03.0	-0.4		
			LN	$M_s = 5.0$	16.0	11.0	
GTA	14.2	66	P	15 21 02.4	-1.0		
			eS	15 23 37.4	+4.8		
			LE	$M_s = 4.6$	14.0	2.38	
LZH	17.1	79	eP	15 21 43.0	3.0		
			iS	15 24 57.0	8.5		
			SME	$m_B = 5.5$	8.0	2.40	
			LN	$M_s = 5.3$	9.0	1.88	
			LE		10.0	5.55	
CD2	17.9	96	P	15 21 50.8	0.9		
			S	15 25 12.0	6.1		
			LE	$M_s = 5.7$	10.0	11.9	
			LZ	$M_s = 5.5$	10.0	7.60	
KMI	19.6	114	-P	15 22 09.5	-1.1		
			eS	15 25 41.0	-4.8		
			LN	$M_s = 5.2$	10.0	3.80	
			LZ	$M_s = 5.4$	10.0	6.00	
XAN	21.4	84	-P	15 22 28.2	-1.3		
			PMZ		1.2	0.34	
			PcP	15 26 32.0	-0.4		
			eS	15 26 20.0	-1.8		
			SMN	$m_B = 5.5$	8.0	1.21	
			SME		9.0	1.38	
			LN	$M_s = 5.4$	9.0	2.43	
			LE		10.0	4.47	
GYA	22.0	106	+P	15 22 35.4	0.3		
			pP	15 22 41.0	-0.6		
			S	15 26 35.0	3.9		
			LN	$M_s = 5.6$	11.0	6.90	
			LE		11.0	4.00	
BTO	22.2	67	eP	15 22 37.0	0.0		
			S	15 26 40.0	5.3		
			SMN	$m_B = 5.7$	8.0	2.00	
			SME		8.0	0.70	
			LN	$M_s = 5.1$	10.0	1.70	
			LE		11.0	1.60	
			LZ	$M_s = 5.1$	11.0	2.70	
HHC	23.4	66	+iP	15 22 51.0	2.2		

			S	15 27 02.0	5.8		
			SME	$m_B = 5.3$	11.0	1.24	
			LN	$M_s = 5.3$	13.0	4.39	
TIY	23.9	74	eP	15 22 54.4	0.2		
			PP	15 23 29.5	2.2		
			LN	$M_s = 5.7$	14.0	10.1	
WHN	26.7	90	LE		14.0	3.29	
			eP	15 23 20.0	-0.4		
			S	15 27 53.0	0.5		
BJI	26.8	69	SME	$m_B = 5.5$	12.0	1.40	
			LN	$M_s = 5.5$	10.0	3.85	
			eP	15 23 22.0	0.4		
DL2	31.1	71	PMZ		14.0	0.41	
			PcP	15 26 44.0	0.2		
			eS	15 28 03.0	7.8		
NJ2	30.0	85	SME		15.0	2.20	
			eScS	15 34 19.0	8.0		
			LN	$M_s = 5.5$	16.0	7.07	
DL2	31.1	71	eP	15 23 48.5	-1.6		
			LZ	$M_s = 5.2$	16.0	2.60	
			P	15 24 00.0	0.3		
SSE	32.2	86	eS	15 29 05.0	1.8		
			LN	$M_s = 5.1$	14.0	1.80	
			+P	15 24 08.0	-1.3		
QZH	32.3	98	S	15 29 18.0	-1.4		
			ScS	15 34 40.0	3.9		
			LN	$M_s = 5.6$	20.0	6.60	
SNY	32.4	65	LE		20.0	2.88	
			eP	15 24 09.0	-1.2		
			eP	15 24 09.5	-2.1		
CN2	33.8	62	S	15 29 28.0	4.5		
			LE	$M_s = 5.2$	13.0	2.01	
			eP	15 24 21.4	-2.2		
MDJ	36.8	60	eS	15 29 43.0	-2.8		
			LN	$M_s = 5.4$	10.0	2.20	
			eP	15 24 48.5	-0.5		
QZH	3.6	270	PP	15 26 16.0	2.0		
			eS	15 30 30.0	-1.9		
			LN	$M_s = 5.0$	30.0	2.56	

1985 6 15
O = 21 01 18.5 ± 0.06s
LAT = 24.97 N ± 0.82km
LONG = 122.55 E ± 0.89km
DEPTH = 20 km ± 1.12km
STATIONS USED = 10, STAND DEV = 4.33s

$M_L = 3.7 / 5,$

QZH	3.6	270	ePn	21 02 12.0	-1.6		
			Sn	21 02 50.0	-7.4		
			SMN	$M_L = 3.6$	1.0	0.23	



SME		1.0	0.13	LN	Ms=4.7	21.0	116
				LE		20.0	0.79
1985 6 15							
O=21 34 34.9	± 0.10s			WMQ 47.0 290 eP	01 49 01.2		-1.7
LAT=34.74 N	± 1.04km			GYA 47.2 258 eP	01 49 05.6		0.9
LONG= 83.17 E	± 1.07km			1985 6 16			
DEPTH= 29 km	± 0.34km			O=03 09 38.2	± 0.12s		
STATIONS USED = 13,	STAND DEV= 2.61s			LAT=24.69 N	± 1.18km		
Ms=4.4 / 1,				LONG=114.83 E	± 1.02km		
KSH 7.4 311 ePn	21 36 25.0	3.0		DEPTH= 12 km	± 0.37km		
	eSn	21 37 53.0	5.8	STATIONS USED = 11,	STAND DEV= 2.62s		
	eLG ₂	21 38 40.0	0.0	M _L =3.6 / 13,			
	LN	Ms=4.4	5.0 1.30	GZH 2.1 221 +iPg	03 10 18.0		2.7
LSA 8.4 124 eP	21 36 42.3	3.8		iSg	03 10 45.0		1.1
WMQ 9.7 20 eP	21 36 54.8	-1.4		SMN	M _L =3.6	0.6	0.45
XAN 21.3 85 eP	21 39 23.0	1.7		SME		0.6	0.52
GYA 21.8 106 P	21 39 29.0	2.1		QZH 3.4 85 ePn	03 10 31.8		0.0
1985 6 16							
O=00 37 12.4	± 0.11s			Sn	03 11 11.8		-2.6
LAT=71.22 N	± 1.55km			Sg	03 11 26.7		1.0
LONG= 11.42 W	± 1.69km			SMN	M _L =3.4	0.5	0.13
DEPTH= 8 km	± 0.20km			SME		0.5	0.090
STATIONS USED = 34,	STAND DEV= 1.72s			QZN 7.3 220 eP	03 11 25.0		-2.4
Ms=4.8 / 3,	m _B =5.3 / 1			1985 6 16			
WMQ 52.0 65 +P	00 46 23.7	-1.4		O=06 03 46.4	± 0.14s		
	eS	00 53 51.0	3.3	LAT=28.45 N	± 2.94km		
	LE	Ms=4.7	24.0 0.60	LONG=140.67 E	± 2.65km		
KSH 52.4 77 eP	00 46 30.0	1.9		DEPTH= 38 km	± 0.68km		
GTA 59.5 57 P	00 47 18.4	-0.9		STATIONS USED = 26,	STAND DEV= 2.88s		
	LN	Ms=5.1	16.0 0.65	Ms=4.6 / 2,			
MDJ 61.2 31 eP	00 47 31.0	0.6		DL2 18.9 308 eP	06 08 10.0		2.9
CN2 61.2 34 eP	00 47 31.8	0.9		eS	06 11 34.0		0.7
	S	00 55 52.0	3.6	NJ2 19.2 286 eP	06 08 10.6		0.7
	SMN	m _B =5.3	6.0 0.20	SNY 19.3 318 eP	06 08 05.2		-5.8
	LE	Ms=4.8	20.0 0.40	LN	Ms=4.3	12.0	0.36
SNY 62.8 36 -P	00 47 43.2	1.9		LE		13.0	0.47
BJI 63.0 43 P	00 47 44.5	2.0		TIA 21.3 297 -P	06 08 31.1		-1.3
GYA 73.6 56 P	00 48 48.8	-0.1		eS	06 12 28.0		5.9
1985 6 16							
O=01 40 32.9	± 0.07s			LN	Ms=5.0	14.0	2.50
LAT=52.56 N	± 1.33km			BJI 23.2 306 P	06 08 52.5		1.0
LONG=159.78 E	± 0.85km			TIY 25.3 299 eP	06 09 10.1		-1.6
DEPTH= 35 km	± 0.10km			HHC 26.8 305 eP	06 09 28.4		2.7
STATIONS USED = 23,	STAND DEV= 0.77s			XAN 27.6 290 eP	06 09 31.0		-2.1
Ms=4.7 / 1,				BTO 27.9 304 eP	06 09 35.0		-0.2
MDJ 21.4 260 eP	01 45 18.5	-1.2		GYA 30.2 274 eP	06 09 56.0		0.1
CN2 24.3 263 -P	01 45 47.8	-0.9		CD2 32.1 284 eP	06 10 11.0		-1.5
SNY 26.6 261 eP	01 46 10.7	0.8		GTA 35.4 299 P	06 10 39.2		-1.7
1985 6 16							
				WMQ 44.7 305 eP	06 11 51.7		-6.5

O = 09 16 29.5 ± 0.08s
LAT = 0.65 S ± 1.14km
LONG = 124.13 E ± 1.53km
DEPTH = 62 km ± 0.26km

STATIONS USED = 62, STAND DEV = 1.26s

QZN	24.1	325	P	09 21 42.0	1.7
SSE	31.7	355	P	09 22 52.0	2.2
GYA	31.8	329	P	09 22 51.4	0.7
WHN	32.4	344	eP	09 22 57.5	1.7
NJ2	32.9	352	eP	09 23 00.5	0.2
KMI	32.9	323	eP	09 23 01.5	0.6
CD2	36.9	330	eP	09 23 34.1	-0.2
TIA	37.2	351	+P	09 23 37.8	0.4
XAN	37.3	339	eP	09 23 37.0	-1.2
TIY	39.7	345	eP	09 23 57.0	-0.6
LZH	41.1	335	eP	09 24 10.5	0.7
BJI	41.1	351	eP	09 24 08.0	-1.7
SNY	42.3	359	eP	09 24 16.2	-2.8
HHC	42.9	346	eP	09 24 23.4	-0.5
LSA	43.6	317	P	09 24 30.4	0.2
CN2	44.3	1	-P	09 24 35.8	0.6
			PcP	09 26 19.4	1.2
MDJ	45.3	5	eP	09 24 43.0	-0.7
GTA	45.7	334	P	09 24 45.8	-0.7
			ScP	09 30 13.2	4.4
WMQ	54.9	328	P	09 25 55.6	-1.4

1985 6 16

O = 12 35 02.7 ± 0.06s
LAT = 0.10 S ± 0.95km
LONG = 123.87 E ± 1.59km
DEPTH = 133 km ± 0.12km

STATIONS USED = 38, STAND DEV = 1.24s

CD2	36.3	330	eP	12 41 55.7	0.4
XAN	36.7	339	eP	12 41 58.8	-0.5
TIY	39.1	346	eP	12 42 19.0	0.2
BJI	40.6	351	eP	12 42 30.0	-0.9
LSA	43.0	316	P	12 42 52.0	0.5
MDJ	44.8	6	eP	12 43 05.0	-0.4
GTA	45.1	334	P	12 43 08.0	0.4
WMQ	54.3	328	+P	12 44 17.2	-1.0

1985 6 16

O = 17 51 51.1 ± 0.04s
LAT = 4.58 S ± 0.65km
LONG = 153.36 E ± 0.68km
DEPTH = 95 km ± 0.49km

STATIONS USED = 22, STAND DEV = 0.93s

CN2	54.3	335	eP	18 01 12.0	1.4
XAN	56.8	316	eP	18 01 28.0	-0.8

CD2	59.0	310	P	18 01 44.2	0.3
GTA	65.9	317	+iP	18 02 30.2	0.5
KSH	83.2	310	P	18 04 11.0	1.8

1985 6 16

O = 20 56 22.3 ± 0.12s
LAT = 9.36 S ± 1.41km
LONG = 148.71 E ± 3.11km
DEPTH = 7 km ± 0.32km

STATIONS USED = 62, STAND DEV = 1.45s

Ms = 4.8 / 1,

GZH	47.3	314	P	21 05 00.0	1.2
QZN	47.6	306	P	21 05 02.0	1.0
SSE	48.1	328	+P	21 05 04.0	-1.1
		LZ	Ms = 4.8	10.0	0.32
NJ2	50.1	327	eP	21 05 21.0	0.5
WHN	51.6	322	eP	21 05 33.0	1.1
GYA	54.2	312	P	21 05 52.6	1.4
TIA	54.2	329	+P	21 05 50.8	-0.5
SNY	55.9	337	eP	21 06 02.8	-0.9
KMI	56.4	309	-P	21 06 08.0	0.6
MDJ	56.4	344	eP	21 06 06.5	-1.0
CN2	57.0	340	eP	21 06 10.0	-1.4
		PcP		21 07 10.0	4.4
XAN	57.3	321	-P	21 06 13.0	-1.0
		pP		21 06 17.5	-1.5
BJI	57.6	331	eP	21 06 11.0	-5.0
TIY	57.8	326	eP	21 06 17.1	-0.3
CD2	58.8	315	eP	21 06 24.6	0.2
HHC	60.6	328	eP	21 06 36.0	-0.4
BTO	61.2	327	eP	21 06 40.4	-0.3
LZH	61.8	320	-P	21 06 45.5	0.3
		pP		21 06 49.0	-1.1
GTA	66.4	320	+iP	21 07 15.4	0.5
		pP		21 07 20.5	0.6
LSA	67.6	307	-P	21 07 22.7	-0.2
WMQ	76.4	319	-iP	21 08 15.5	0.3
KSH	82.8	312	eP	21 08 56.0	6.2

1985 6 17

O = 02 43 27.7 ± 0.18s
LAT = 32.51 N ± 0.71km
LONG = 121.80 E ± 1.85km
DEPTH = 10 km

STATIONS USED = 8, STAND DEV = 1.74s

M_L = 3.2 / 11,

SSE	1.5	200	+Pn	02 43 55.6	0.5
			Sn	02 44 14.6	-2.0
			Sg	02 44 15.5	0.8
			SMN	M _L = 3.6	0.4 0.58

			SME		0.4	0.85
NJ2	2.5	260	-iPg	02 44 12.2	-0.3	
			iSn	02 44 43.3	1.2	
			SMN	M _L = 3.1	0.8	0.12
			SME		0.7	0.11
TIA	5.3	315	ePn	02 44 49.8	1.9	
			eSg	02 46 17.0	1.9	
			SMN	M _L = 3.1	1.0	0.024
			SME		1.0	0.015
			SMZ	M _L = 3.2	1.0	0.017

			LAT = 9.38 S	± 1.20km	
			LONG = 148.74 E	± 1.67km	
			DEPTH = 34 km	± 0.57km	
			STATIONS USED = 62,	STAND DEV = 1.05s	
			GZH	47.3 314 +iP	06 40 34.0 1.8
			QZN	47.6 306 P	06 40 35.1 0.7
			SSE	48.1 328 +P	06 40 38.5 0.0
				PMZ	0.6 0.021
				sP	06 40 51.5 -0.6
			NJ2	50.1 327 +P	06 40 54.4 0.6
			WHN	51.6 322 -P	06 41 06.0 0.8
			GYA	54.2 312 P	06 41 25.2 0.7
				pP	06 41 32.8 -1.3
			DL2	54.3 334 eP	06 41 24.0 -0.8
			SNY	55.9 337 -iP	06 41 36.3 -0.7
				eS	06 49 21.0 -0.3
			KMI	56.4 308 -P	06 41 41.5 0.8
			MDJ	56.5 344 eP	06 41 40.2 -0.6
			CN2	57.0 340 eP	06 41 43.0 -1.6
			XAN	57.4 321 -iP	06 41 46.4 -0.9
			BJI	57.7 331 eP	06 41 48.0 -1.3
			TIY	57.9 326 eP	06 41 49.8 -0.9
			CD2	58.9 315 -iP	06 41 57.7 0.0
				PMZ	1.0 0.071
			HHC	60.6 328 eP	06 42 08.6 -1.1
			BTO	61.2 327 eP	06 42 13.5 -0.5
			LZH	61.9 320 -P	06 42 19.0 0.6
				PMZ	1.5 0.16
			GTA	66.4 320 +iP	06 42 48.4 0.4
			LSA	67.6 307 P	06 42 55.8 -0.3
			WMQ	76.5 319 -P	06 43 48.5 0.2

1985 6 17
 O = 02 48 31.2 ± 0.11s
 LAT = 34.70 N ± 1.66km
 LONG = 82.89 E ± 1.47km
 DEPTH = 27 km ± 0.36km
 STATIONS USED = 32, STAND DEV = 2.59s
 M_s = 4.2 / 7,

KSH	7.3	313	ePn	02 50 24.0	7.6	
			LN	M _s = 4.4	7.0	2.30
LSA	8.6	123	P	02 50 41.3	4.0	
			eS	02 52 22.0	7.3	
			LN	M _s = 4.0	9.0	0.78
WMQ	9.8	21	eP	02 50 51.6	-2.6	
			LN	M _s = 4.1	10.0	0.85
GTA	14.3	66	P	02 52 00.0	5.6	
CD2	17.9	96	eP	02 52 42.2	1.5	
			LE	M _s = 4.7	9.0	1.26
KMI	19.6	114	eP	02 52 59.5	-1.6	
			eS	02 56 29.0	-7.3	
			LN	M _s = 4.2	10.0	0.32
XAN	21.5	84	eP	02 53 18.1	-2.0	
GYA	22.0	105	P	02 53 28.2	2.6	
BTO	22.2	67	eP	02 53 27.5	-0.1	
			eS	02 57 19.0	-7.1	
TIY	24.0	74	eP	02 53 45.6	0.8	
			LE	M _s = 4.2	12.0	0.34

1985 6 17
 O = 09 46 14.5 ± 0.09s
 LAT = 24.62 N ± 1.11km
 LONG = 114.90 E ± 0.66km
 DEPTH = 8 km ± 0.38km
 STATIONS USED = 9, STAND DEV = 2.15s

				M _L = 3.6 / 11,	
GZH	2.1	223	+iPg	09 46 54.2	2.9
			iSg	09 47 21.3	1.5
			SMN	M _L = 3.4	0.6 0.26
			SME		0.6 0.34
QZH	3.4	84	ePn	09 47 06.8	-1.0
			Sn	09 47 48.3	-1.7

1985 6 17
 O = 04 24 03.7 ± 0.07s
 LAT = 31.73 N ± 1.15km
 LONG = 82.34 E ± 0.69km
 DEPTH = 26 km ± 0.30km
 STATIONS USED = 13, STAND DEV = 1.44s

CD2	18.3	87	P	04 28 20.2	2.2
KMI	19.1	105	eP	04 28 27.0	-0.7
GYA	21.9	98	P	04 28 57.6	0.8

1985 6 17
 O = 14 51 19.5 ± 0.06s
 LAT = 11.67 S ± 0.91km
 LONG = 166.61 E ± 1.63km

			LE		12.0	0.90
			LZ	Ms=4.1	12.0	1.80
GZH	8.4	266	eP	05 55 26.0	-0.3	
			eS	05 56 59.5	-1.8	
			SMN	ML=4.3	1.0	0.10
			SME		1.0	0.050
NJ2	8.6	339	eP	05 55 26.6	-2.4	
			LZ	Ms=4.1	14.0	1.50
GYA	14.5	283	P	05 56 56.0	7.3	
XAN	15.5	313	eP	05 57 05.6	4.3	
BJI	16.8	343	eP	05 57 26.0	7.6	
CD2	18.0	297	P	05 57 34.4	1.8	
HHC	19.1	334	eP	05 57 45.0	-1.8	
BTO	19.6	331	eP	05 57 51.4	-0.3	
CN2	19.9	6	eP	05 57 54.0	-1.1	
LZH	20.1	311	eP	05 57 56.0	-1.4	
GTA	24.5	314	P	05 58 41.2	-0.7	
WMQ	34.6	313	eP	06 00 19.5	7.3	

1985 6 18

O=12 53 34.6 ± 0.10s
 LAT= 5.77 N ± 0.46km
 LONG=126.72 E ± 0.29km
 DEPTH=144 km ± 1.02km

STATIONS USED = 16, STAND DEV = 0.82s

XAN	32.6	332	eP	12 59 54.0	-1.1
CD2	33.0	322	eP	12 59 58.3	-0.3
BJI	35.4	346	eP	13 00 18.5	-0.4
LZH	36.8	328	+P	13 00 31.5	1.0
GTA	41.4	328	-iP	13 01 09.2	0.7

1985 6 18

O=14 06 58.1 ± 0.17s
 LAT= 3.17 S ± 0.87km
 LONG=102.96 E ± 1.06km
 DEPTH=200 km ± 1.85km

STATIONS USED = 24, STAND DEV = 1.54s

QZN	23.1	17	P	14 11 50.3	3.0
XAN	37.4	8	eP	14 13 53.0	-1.1
TIY	41.6	11	eP	14 14 29.0	0.4
GTA	42.5	356	P	14 14 35.8	0.2
HHC	44.5	9	P	14 14 52.2	0.3
WMQ	48.8	345	+iP	14 15 24.5	-0.5
CN2	50.9	21	-P	14 15 39.7	-1.8

1985 6 18

O=18 02 14.0 ± 0.12s
 LAT= 3.44 S ± 0.99km
 LONG=146.72 E ± 1.40km
 DEPTH= 32 km ± 0.34km

STATIONS USED = 23,		STAND DEV = 1.31s	
SNY	49.7	337	eP 18 11 07.3 1.5
MDJ	50.2	344	eP 18 11 11.0 1.3
CN2	50.8	340	eP 18 11 10.8 -2.9
BJI	51.5	330	eP 18 11 18.0 -1.6
XAN	51.6	319	eP 18 11 20.0 0.3
CD2	53.3	313	eP 18 11 34.0 1.1
HHC	54.5	328	eP 18 11 42.0 0.1
BTO	55.2	326	eP 18 11 46.3 -0.4
GTA	60.6	320	P 18 12 26.0 1.1
WMQ	70.7	319	+P 18 13 29.5 0.0

1985 6 19

O=12 44 10.4 ± 0.05s
 LAT=16.10 S ± 1.16km
 LONG=173.18 W ± 0.92km
 DEPTH= 33 km ± 0.11km

STATIONS USED = 20, STAND DEV = 0.94s

CN2	81.8	320	-P	12 56 27.7	-0.4
BJI	86.1	313	eP	12 56 50.0	0.0
GYA	88.6	298	P	12 57 03.6	1.6
XAN	89.2	306	eP	12 57 05.6	0.5

1985 6 19

O=19 29 12.8 ± 0.11s
 LAT=24.66 N ± 1.31km
 LONG=114.85 E ± 0.91km
 DEPTH= 10 km ± 0.39km

STATIONS USED = 11, STAND DEV = 2.50s

ML=3.7/13,

GZH	2.1	222	+Pg	19 29 52.8	3.1
			iSg	19 30 19.6	1.4
			SMN	ML=3.7	0.4 0.53
			SME		0.4 0.54
QZH	3.4	84	ePn	19 30 06.5	0.1
			Sn	19 30 47.0	-1.9
			Sg	19 31 01.5	1.8
			SMN	ML=3.4	0.5 0.12
			SME		0.7 0.13

1985 6 19

O=20 00 39.5 ± 0.06s
 LAT=16.00 S ± 0.20km
 LONG=177.96 W ± 0.68km
 DEPTH=464 km ± 0.63km

STATIONS USED = 17, STAND DEV = 0.68s

CN2	78.8	322	eP	20 11 55.4	0.4
XAN	85.5	307	eP	20 12 29.6	0.7

1985 6 19

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O=21 54 14.0 ± 0.13s
 LAT=24.72 N ± 0.95km
 LONG=122.71 E ± 1.14km
 DEPTH= 15 km
 STATIONS USED = 10, STAND DEV= 2.22s
 $M_L=3.6/8,$
 QZH 3.7 274 ePn 21 55 10.7 -1.1
 Sn 21 55 50.0 -7.7
 SMN $M_L=3.6$ 0.9 0.26
 SME 0.3 0.040
 SSE 6.5 348 +P 21 55 51.5 -0.2

1985 6 20
 O=15 06 23.1 ± 0.11s
 LAT=40.58 N ± 1.13km
 LONG=122.36 E ± 1.33km
 DEPTH= 7 km ± 0.31km
 STATIONS USED = 19, STAND DEV= 3.19s
 $M_L=3.5/18,$
 SNY 1.5 36 +iPn 15 06 51.6 0.1
 Pg 15 06 54.2 3.7
 Sn 15 07 13.1 -0.6
 Sg 15 07 17.0 5.3
 SMN $M_L=3.5$ 0.8 0.75
 SME 0.8 0.41
 DL2 1.8 199 Pn 15 06 50.8 -3.7
 Sn 15 07 12.2 -6.9
 SMN $M_L=3.6$ 0.4 0.56
 SME 0.4 0.77
 CN2 4.0 34 -Pg 15 07 37.6 4.6
 Sn 15 08 12.4 -0.8
 Sg 15 08 32.4 5.5
 SMN $M_L=3.3$ 0.6 0.070
 SME 0.6 0.070
 TIA 6.0 225 Pg 15 08 11.4 2.3
 eSg 15 09 22.4 -8.5
 SMN $M_L=3.2$ 1.0 0.020
 SME 1.2 0.015
 SMZ $M_L=3.4$ 1.0 0.017
 MDJ 6.7 51 ePg 15 08 30.0 8.7
 Sg 15 09 55.5 2.9
 SMN $M_L=3.9$ 1.0 0.060

1985 6 20
 O=23 49 47.1 ± 0.10s
 LAT=37.03 N ± 1.53km
 LONG= 71.14 E ± 1.39km
 DEPTH= 91 km ± 0.20km
 STATIONS USED = 27, STAND DEV= 2.12s
 $M_L=4.2/3,$

KSH 4.5 56 P 23 50 58.0 3.2
 S 23 51 51.0 4.8
 SME 3.0 4.05
 WMQ 14.3 57 cP 23 53 06.0 -0.8
 LSA 18.2 108 -P 23 53 55.6 -0.5
 GTA 22.6 75 P 23 54 42.8 1.4
 GYA 31.8 99 P 23 56 07.8 1.8

1985 6 21
 O=02 33 04.8 ± 0.13s
 LAT=42.58 N ± 1.84km
 LONG=112.45 E ± 1.43km
 DEPTH= 11 km ± 0.31km
 STATIONS USED = 59, STAND DEV= 2.67s
 $M_S=4.6/13, M_L=4.9/17, m_B=4.9/1$
 HHC 1.9 201 +Pn 02 33 37.5 0.4
 Sn 02 34 00.0 -2.2
 SMN 3.0 19.3
 SME 3.6 19.4
 BTO 2.7 223 Pn 02 33 49.0 0.4
 Pg 02 33 53.0 0.6
 Sg 02 34 28.0 -1.2
 BJI 3.8 131 ePn 02 34 02.0 -1.4
 Pg 02 34 12.0 0.4
 Sg 02 34 59.0 -4.3
 SMN $M_L=5.6$ 0.5 18.7
 SME 0.5 12.6
 LN $M_S=4.6$ 10.0 10.9
 LE 10.0 8.60
 TIY 4.9 180 Pn 02 34 18.6 0.2
 Pg 02 34 31.2 0.6
 Sg 02 35 32.2 -4.9
 SMN $M_L=5.0$ 0.8 1.86
 SME 0.8 2.20
 TIA 7.3 149 Pn 02 34 51.6 -0.5
 Pg 02 35 16.2 2.3
 Sg 02 36 51.6 -2.4
 SMN $M_L=4.7$ 0.8 0.16
 SME 1.2 0.35
 SMZ $M_L=4.8$ 1.0 0.25
 DL2 7.9 115 ePn 02 35 03.8 4.1
 Pg 02 35 25.0 1.2
 Sn 02 36 35.0 3.7
 Sg 02 37 11.5 0.1
 SMN $M_L=5.7$ 1.5 1.98
 SME 1.5 2.01
 SNY 8.3 91 +P 02 35 07.5 -0.6
 LG₁ 02 37 25.1 -0.2
 SMN $M_L=5.4$ 1.2 1.45
 SME 1.2 0.54

XAN	9.0	199	eP	02 35 16.0	-1.5				LE			24.0	2.59	
			LN			Ms=4.6	10.0	1.89	LZ		Ms=5.7	28.0	2.96	
			LE				10.0	2.52	GZH	85.3	299	-P	04 43 48.6	1.6
LZH	9.3	229	P	02 35 21.0	-1.3				sP			04 44 04.5	-1.9	
			LN				3.0	2.41	S			04 54 17.0	6.7	
			LE				3.0	1.69	LN		Ms=5.4	38.0	1.96	
CN2	9.6	78	eP	02 35 23.5	-2.4				QZN	85.9	294	eP	04 43 52.2	2.4
			eS	02 37 11.0	-3.6				eS			04 54 18.0	0.4	
			LG ₁	02 37 58.0	-7.5				NJ2	86.4	309	-P	04 43 53.0	0.5
			LG ₂	02 38 12.8	-7.8				PMZ		m _B =6.2	5.0	1.30	
			LN			Ms=4.6	8.0	2.40	S			04 54 20.0	-1.1	
GTA	10.1	256	P	02 35 28.9	-3.9				LZ		Ms=5.6	22.0	1.60	
			LG ₁	02 38 18.8	-2.2				MDJ	88.1	324	eP	04 43 59.0	-1.6
			LE			Ms=4.2	7.0	0.81	WHN	88.7	306	P	04 44 04.0	0.6
NJ2	11.7	152	eP	02 35 53.8	-0.9				SKS			04 54 26.0	1.6	
WHN	12.1	172	eP	02 36 00.0	-0.6				S			04 54 44.0	1.5	
			LG ₂	02 39 43.0	-1.3				SMN		m _B =5.9	9.0	1.17	
			LE			Ms=4.4	10.0	1.35	DL2	88.8	316	P	04 44 04.0	0.0
MDJ	12.6	75	eP	02 36 06.0	-1.1				eS			04 54 40.0	-5.3	
			LG ₁	02 39 37.0	-3.3				LN		Ms=5.4	18.0	0.90	
			LG ₂	02 39 57.0	-3.3				SNY	89.5	319	eP	04 44 06.8	-0.5
			LN			Ms=4.3	12.0	1.11	PMZ		m _B =6.0	10.0	1.28	
CD2	13.6	214	eP	02 36 20.7	0.7				S			04 54 45.0	-5.0	
			eS	02 38 54.0	2.1				LN		Ms=5.6	25.0	1.05	
			LE			Ms=5.0	4.0	1.61	LE			24.0	1.48	
GYA	16.8	198	P	02 37 03.4	1.7				CN2	89.7	322	-P	04 44 07.6	-0.8
			S	02 40 12.6	6.0				PMZ		m _B =6.1	6.0	0.90	
			LG ₁	02 41 57.0	5.5				eSKS			04 54 31.0	0.2	
			LG ₂	02 42 26.0	8.0				S			04 54 52.0	-0.1	
			LE			Ms=4.8	9.0	1.50	SMN		m _B =6.2	8.0	1.00	
WMQ	18.1	282	+iP	02 37 22.0	3.9				SME			8.0	1.60	
			LN			Ms=4.7	10.0	1.42	TIA	90.0	312	-P	04 44 10.4	0.6
KMI	19.2	208	eP	02 37 29.5	-2.0				SMN		m _B =6.3	9.5	1.85	
			eS	02 40 57.0	-5.2				SME			9.5	1.87	
			LE			Ms=4.6	12.0	1.13	LN		Ms=5.8	26.0	2.96	
LSA	21.4	240	eP	02 37 51.4	-4.3				GYA	92.2	299	P	04 44 21.4	1.3
									pP			04 44 38.0	4.1	
									SME		m _B =5.8	10.0	0.90	
									BJI	92.9	315	eP	04 44 22.0	-0.9
									PMZ		m _B =6.1	6.0	0.62	
									eS			04 55 20.0	-1.5	
									SME		m _B =6.1	9.0	1.58	
									LN		Ms=5.8	44.0	4.95	
									TIY	94.0	311	eP	04 44 28.8	0.8
									SMN		m _B =6.4	7.0	1.63	
									SME			9.0	2.29	
									LN		Ms=5.6	18.0	1.13	
									XAN	94.4	306	eP	04 44 30.0	-0.1
									PMZ		m _B =6.1	8.0	0.68	
									S			04 55 29.0	-4.3	

1985 6 21

O=04 31 13.7 ± 0.08s
 LAT=28.44 S ± 1.56km
 LONG=175.85 W ± 0.99km
 DEPTH= 53 km ± 0.79km
 STATIONS USED = 54, STAND DEV = 1.08s
 Ms=5.6/17, m_B=6.1/18

QZH	82.4	304	eP	04 43 32.8	0.4								
			ePP	04 46 46.0	3.6								
			S	04 53 44.0	2.5								
			SME			m _B =5.9	12.0	1.04					
SSE	84.3	310	-P	04 43 42.0	0.2								
			LN			Ms=5.8	24.0	1.79					

			SMN	$m_B = 6.4$	10.0	2.10
			SME		10.0	2.50
KMI	94.6	296	eP	04 44 32.5	1.3	
			eS	04 55 37.0	-0.1	
			SME	$m_B = 5.9$	10.0	1.06
HHC	96.2	313	eP	04 44 39.0	0.6	
			S	04 55 51.0	2.4	
			SME	$m_B = 6.3$	9.0	2.19
CD2	96.6	301	eP	04 44 42.0	1.8	
			eS	04 55 55.0	1.0	
			LZ	$M_S = 5.9$	22.0	3.06
BTO	97.1	312	P	04 44 42.0	-0.3	
			SKS	04 55 10.0	-1.6	
			S	04 55 53.0	-3.0	
LZH	99.1	306	eP	04 44 54.0	2.7	
			LZ	$M_S = 5.7$	10.0	0.79
GTA	103.4	308	eP	04 45 11.2	0.4	
			LN	$M_S = 5.6$	17.0	1.00

1985 6 21

O = 05 53 43.1 ± 0.04s
 LAT = 37.10 N ± 0.48km
 LONG = 102.53 E ± 0.38km
 DEPTH = 5 km ± 0.10km
 STATIONS USED = 5, STAND DEV = 3.04s

$M_L = 3.4 / 3,$

LZH	1.5	133	Pg	05 54 09.5	0.2	
			Sg	05 54 26.5	-2.6	
			SMN	$M_L = 3.1$	0.5	0.27
			SME		0.5	0.24
GTA	3.1	318	Pg	05 54 37.7	-1.1	
			Sg	05 55 18.0	-3.6	
			SMN	$M_L = 3.5$	0.8	0.29
			SME		0.8	0.031
XAN	6.0	119	ePg	05 55 28.4	-1.5	
			eSg	05 56 43.5	-8.8	

1985 6 21

O = 14 37 43.8 ± 0.12s
 LAT = 46.63 N ± 0.67km
 LONG = 126.28 E ± 1.13km
 DEPTH = 14 km ± 0.35km
 STATIONS USED = 7, STAND DEV = 4.19s

$M_L = 2.8 / 7,$

CN2	2.9	192	-Pg	14 38 34.8	0.0	
			Sg	14 39 23.6	9.3	
			SMN	$M_L = 2.5$	0.6	0.020
			SME		0.6	0.020

1985 6 21

			O = 15 13 36.5	± 0.08s		
			LAT = 31.95 N	± 1.11km		
			LONG = 85.03 E	± 0.99km		
			DEPTH = 20 km	± 0.01km		
			STATIONS USED = 31,	STAND DEV = 1.75s		
			$M_S = 4.6 / 8,$			
LSA	5.7	111	Pn	15 15 04.3	2.9	
			Pg	15 15 21.0	3.5	
			Sg	15 16 38.0	2.3	
			LN	$M_S = 4.6$	8.0	5.04
KSH	10.5	318	eP	15 16 09.0	-0.4	
WMQ	12.0	9	eP	15 16 30.0	-0.4	
CD2	16.0	89	P	15 17 21.3	-1.5	
			eS	15 20 20.0	0.0	
			LN	$M_S = 4.8$	10.0	1.81
GYA	19.6	101	P	15 18 06.0	-1.3	
XAN	20.1	78	P	15 18 10.2	-2.4	
			LE	$M_S = 4.5$	11.0	0.81
BTO	21.9	60	eP	15 18 33.0	2.7	
			eS	15 22 28.0	1.7	
			LN	$M_S = 4.6$	13.0	0.60
			LE		13.0	0.70
			LZ	$M_S = 4.6$	13.0	1.00
TIY	23.2	68	eP	15 18 46.0	2.7	
			LN	$M_S = 4.4$	14.0	0.58
BJI	26.4	63	eP	15 19 13.5	-0.1	
			LN	$M_S = 4.6$	12.0	0.69
CN2	33.7	58	eP	15 20 18.0	-1.1	

1985 6 21

O = 15 26 22.3 ± 0.06s
 LAT = 23.77 N ± 0.89km
 LONG = 122.77 E ± 0.90km
 DEPTH = 26 km ± 0.86km
 STATIONS USED = 11, STAND DEV = 1.54s
 $M_S = 3.8 / 1, M_L = 3.8 / 7,$

QZH	4.0	288	+Pn	15 27 22.4	0.3	
			Sn	15 28 02.9	-6.8	
			SMN	$M_L = 3.7$	0.3	0.16
			SME		0.4	0.20
SSE	7.4	349	P	15 28 11.7	-0.2	
			LN	$M_S = 3.8$	13.0	0.92

1985 6 21

O = 20 02 03.5 ± 0.11s
 LAT = 40.43 N ± 0.77km
 LONG = 121.97 E ± 1.03km
 DEPTH = 17 km ± 1.54km
 STATIONS USED = 5, STAND DEV = 4.49s
 $M_L = 2.9 / 5,$

QZH	2.6	317	ePn	21 37 41.6	-1.1		
			Sn	21 38 09.5	-6.2		
			SMN	$M_L=4.0$	0.5	0.80	
			SME		0.3	0.56	
GZH	6.7	272	eP	21 38 38.0	-2.0		
			S	21 39 49.7	-6.0		
			SMN	$M_L=4.5$	1.0	0.31	
			SME		1.0	0.15	
SSE	8.1	4	eP	21 39 01.2	1.4		
			LG ₁	21 41 21.0	6.4		
			LG ₂	21 41 36.0	8.6		
			LZ	$M_s=4.3$	12.0	2.22	
NJ2	9.1	351	eP	21 39 14.8	0.2		
WHN	9.3	325	eP	21 39 18.0	0.7		
			eS	21 41 04.5	1.8		
			SME		1.2	0.11	
QZN	10.8	250	eP	21 39 39.7	2.6		
GYA	13.1	288	eP	21 40 08.2	-0.4		
			S	21 42 35.0	1.0		
			LG ₁	21 43 46.0	-6.3		
XAN	15.0	320	P	21 40 38.6	4.9		
TIY	16.2	336	eP	21 40 54.2	4.6		
			LN	$M_s=4.6$	10.0	1.09	
			LE		11.0	0.62	
CD2	16.9	301	eP	21 41 01.0	2.9		
BJI	17.4	349	eP	21 41 05.0	1.1		
SNY	18.9	7	eP	21 41 22.4	-0.7		
			eS	21 44 55.0	4.8		
			LN	$M_s=4.5$	11.0	0.81	
HHC	19.3	339	eP	21 41 27.0	-0.9		
LZH	19.5	316	e(P)	21 41 36.5	6.8		
BTO	19.7	336	eP	21 41 33.8	2.3		
CN2	21.1	10	+P	21 41 44.4	-2.4		
MDJ	22.8	17	eP	21 42 02.0	-1.4		

1985 6 23

O=06 55 24.9 ± 0.25s

LAT=24.04 S ± 1.94km

LONG= 67.05 W ± 2.25km

DEPTH=180 km ± 2.04km

STATIONS USED = 33, STAND DEV = 2.40s

KSH	145.3	55	+iPKP	07 14 42.0	-0.4		
WMQ	151.4	40	PKP	07 14 52.0	-0.1		
GTA	161.1	33	PKP	07 15 05.4	0.8		
			pPKP	07 15 48.6	-1.9		
HHC	163.2	4	PKP	07 15 06.5	-0.2		
LZH	165.6	31	-PKP	07 15 09.0	-0.1		
TIA	167.3	344	ePKP	07 15 10.2	0.1		

1985 6 23

O=07 02 52.0 ± 0.03s

LAT=40.56 N ± 0.23km

LONG=109.33 E ± 0.23km

DEPTH= 5 km ± 0.10km

STATIONS USED = 6, STAND DEV = 1.25s

$M_L=3.1/6,$

BTO	0.5	85	-iPg	07 03 00.6	-0.8		
			Sg	07 03 07.1	-1.3		
			SMN	$M_L=3.0$	1.0	1.16	
			SME		1.0	0.42	
			SMZ	$M_L=3.0$	1.0	0.47	
HHC	1.7	79	+Pg	07 03 21.6	-1.0		
			Sg	07 03 42.4	-3.5		
TIY	3.7	139	Pg	07 03 57.2	-0.7		
			Sg	07 04 45.7	-2.9		
			SME	$M_L=2.9$	0.4	0.030	

1985 6 23

O=13 01 36.9 ± 0.16s

LAT=11.00 S ± 1.99km

LONG=163.60 E ± 3.00km

DEPTH= 36 km ± 1.32km

STATIONS USED = 77, STAND DEV = 1.91s

$M_s=6.6/37,$

$m_B=6.4/21$

QZH	56.6	310	eP	13 11 17.0	-2.0		
			iS	13 19 09.0	2.0		
			LE	$M_s=6.7$	22.0	47.4	
SSE	58.4	317	eP	13 11 30.5	-1.1		
			PMZ	$m_B=6.2$	10.0	3.20	
			S	13 19 26.0	-3.2		
			SS	13 23 23.0	-0.2		
			LN	$M_s=6.5$	20.0	22.8	
			LZ	$M_s=6.6$	23.0	35.2	
GZH	59.7	305	+P	13 11 44.5	3.5		
			LN	$M_s=6.0$	22.0	8.70	
NJ2	60.5	317	-P	13 11 48.0	1.5		
			iS	13 20 03.0	4.7		
			SMN		16.0	11.9	
			LN	$M_s=6.3$	15.5	10.8	
QZN	60.8	299	P	13 11 49.0	0.5		
			PcP	13 12 26.0	-5.0		
			S	13 20 07.0	6.3		
			SMN	$m_B=6.6$	11.0	6.40	
			SME		12.0	6.90	
			ScS	13 21 25.0	-6.9		
			LE	$M_s=6.7$	22.0	37.1	
WHN	62.8	313	eP	13 12 03.0	1.2		
			S	13 20 32.0	6.1		
DL2	63.2	324	P	13 12 03.0	-1.4		
			eS	13 20 30.0	-2.0		

DL2	63.2	324	eP	13 56 54.0	-0.6
MDJ	63.3	333	eP	13 56 54.0	-1.5
SNY	64.2	328	eP	13 57 04.1	3.3
CN2	64.6	330	+P	13 57 02.6	-1.4
GYA	66.7	305	P	13 57 17.4	0.0
BJI	67.2	322	eP	13 57 19.0	-1.0
XAN	68.6	313	eP	13 57 28.9	-0.2
HHC	70.5	321	P	13 57 41.5	0.8
CD2	71.0	308	P	13 57 43.8	0.2
BTO	71.3	320	eP	13 57 45.0	-0.7
LZH	73.2	313	P	13 57 58.0	0.8
GTA	77.6	315	+P	13 58 22.7	0.7
WMQ	87.6	315	P	13 59 14.0	0.2

1985 6 23

O = 13 57 45.3 ± 0.12s
 LAT = 10.98 S ± 1.66km
 LONG = 163.79 E ± 1.80km
 DEPTH = 33 km ± 0.45km
 STATIONS USED = 61, STAND DEV = 1.61s
 Ms = 6.0 / 3,

SSE	58.5	317	-P	14 07 41.0	0.0
NJ2	60.6	317	eP	14 07 56.0	0.1
QZN	61.0	299	eP	14 07 58.4	0.3
WHN	62.9	313	eP	14 08 11.5	0.2
DL2	63.3	324	eP	14 08 14.0	0.4
MDJ	63.4	333	eP	14 08 12.5	-2.0
SNY	64.2	328	eP	14 08 20.4	0.6
TIA	64.3	319	eP	14 08 20.2	-0.1
CN2	64.7	330	eP	14 08 21.6	-1.4
GYA	66.8	305	P	14 08 37.0	0.6
BJI	67.2	322	eP	14 08 39.0	0.0
TIY	68.2	318	eP	14 08 46.6	1.3
			LN	Ms = 6.1	16.0 5.39
XAN	68.7	313	eP	14 08 46.5	-1.6
KMI	69.4	302	+P	14 08 53.5	0.4
HHC	70.5	321	+P	14 09 01.5	1.8
CD2	71.0	308	+iP	14 09 04.8	2.2
BTO	71.4	320	eP	14 09 06.0	1.3
LZH	73.3	313	P	14 09 16.0	-0.2
GTA	77.6	315	+iP	14 09 43.1	2.1
			LE	Ms = 5.5	16.0 1.22
LSA	80.7	303	eP	14 09 58.6	0.7
WMQ	87.7	315	P	14 10 30.5	-2.2
			PMZ		3.0 0.13
			S	14 21 15.0	5.6
			LN	Ms = 6.0	15.0 2.71

1985 6 23

O = 19 49 52.3 ± 0.19s

LAT = 10.85 S ± 2.63km
 LONG = 163.93 E ± 2.78km
 DEPTH = 16 km ± 0.71km
 STATIONS USED = 76, STAND DEV = 2.12s
 Ms = 6.1 / 28, m_B = 6.2 / 9

QZH	56.7	309	eP	19 59 39.6	1.2
SSE	58.5	317	eP	19 59 50.5	-0.1
			PMZ		1.0 0.066
			S	20 07 54.0	3.1
			ScS	20 09 34.0	-1.3
			LN	Ms = 6.1	20.0 3.26
			LE		20.0 8.36
			LZ	Ms = 6.1	19.0 8.15
GZH	59.9	305	eP	20 00 05.0	4.5
			LN	Ms = 6.0	28.0 9.03
NJ2	60.6	316	+P	20 00 07.0	1.5
			S	20 08 23.0	4.3
			LZ	Ms = 5.8	22.0 5.20
QZN	61.0	299	eP	20 00 07.6	-0.6
WHN	62.9	312	eP	20 00 19.0	-2.0
			S	20 08 56.0	8.2
DL2	63.3	324	eP	20 00 21.2	-1.9
			eS	20 08 52.0	-1.1
			LN	Ms = 5.8	16.0 3.17
MDJ	63.4	333	eP	20 00 24.0	0.2
			S	20 08 58.0	5.0
			SMN	m _B = 6.3	10.0 3.30
			SS	20 13 04.0	2.4
			LE	Ms = 6.6	10.0 13.4
SNY	64.2	327	eP	20 00 31.2	1.9
			PMZ	m _B = 6.2	4.0 1.14
			S	20 09 04.0	0.5
			SMN		18.0 4.26
			ScS	20 10 20.0	2.0
			SS	20 13 10.0	-4.2
			LE	Ms = 6.1	22.0 8.41
TIA	64.3	319	eP	20 00 28.0	-1.9
			S	20 09 08.0	3.3
			SMN		18.0 3.97
			SME		18.0 1.99
			SS	20 13 15.0	-0.7
			LN	Ms = 6.2	28.0 8.28
			LE		28.0 11.4
			LZ	Ms = 6.2	28.0 15.3
CN2	64.7	330	eP	20 00 30.0	-2.4
			PP	20 02 58.0	2.3
			PPMZ		8.0 1.10
			S	20 09 05.0	-4.3
			SMN		13.0 2.60
			SME		13.0 1.60

			SS	20 13 17.0	-4.9					O = 21 11 31.4	± 0.07s		
			LN		Ms = 6.4	18.0	13.8			LAT = 31.24 N	± 0.54km		
			LE			18.0	5.80			LONG = 103.24 E	± 0.72km		
GYA	66.8	305	P	20 00 47.4	1.0					DEPTH = 10 km	± 0.38km		
BJI	67.2	322	eP	20 00 48.0	-0.7					STATIONS USED = 6,	STAND DEV = 2.56s		
			PMZ		m _B = 6.2	4.0	1.08			M _L = 3.2 / 5,			
			eS	20 09 45.0	3.3			CD2	0.5	126	-iPg	21 11 42.6	1.3
			eSKS	20 10 43.0	2.6						Sg	21 11 51.5	2.7
			LN		Ms = 6.1	22.0	8.23				SMN	M _L = 2.9	0.8 0.76
			LZ		Ms = 6.1	20.0	8.13				SME		0.8 0.52
TIY	68.2	318	eP	20 00 55.9	0.9			XAN	5.5	58	ePg	21 13 08.0	-1.5
			LN		Ms = 6.0	16.0	2.70				Sg	21 14 15.7	-9.4
			LE			16.0	3.84				SMN	M _L = 3.2	0.8 0.020
XAN	68.7	313	eP	20 00 56.8	-1.1						SME		0.8 0.020
KMI	69.5	302	+iP	20 01 09.0	5.9			GYA	5.6	147	ePg	21 13 09.0	-1.9
			PMZ		m _B = 6.4	5.0	2.10				SMN	M _L = 3.3	1.2 0.020
			S	20 10 15.0	7.4						SME		1.2 0.030
			SMN		m _B = 6.4	7.0	2.60						
			LZ		Ms = 6.4	12.0	7.80						
HHC	70.5	320	P	20 01 10.0	0.6					1985 6 24			
			S	20 10 21.0	1.3					O = 00 42 29.4	± 0.12s		
			SME			14.0	4.35			LAT = 34.02 N	± 1.46km		
			LN		Ms = 6.1	18.0	5.14			LONG = 104.29 E	± 1.48km		
			LE			16.0	3.87			DEPTH = 14 km	± 0.15km		
CD2	71.1	308	P	20 01 11.7	-0.8					STATIONS USED = 71,	STAND DEV = 3.08s		
			eS	20 10 27.0	-0.5					Ms = 4.9 / 21,	M _L = 5.2 / 10,	m _B = 5.5 / 2	
			LN		Ms = 6.1	20.0	6.02	LZH	2.1	350	Pn	00 43 08.0	3.2
BTO	71.4	320	P	20 01 15.0	0.6						Pg	00 43 10.5	4.0
			S	20 10 33.0	3.6						Sg	00 43 39.5	4.3
			LN		Ms = 5.9	17.0	2.90				SMN	M _L = 5.4	1.0 24.2
			LE			17.0	2.60				SME		1.0 30.2
			LZ		Ms = 6.0	17.0	4.40	CD2	3.1	188	+iPn	00 43 22.0	3.2
LZH	73.3	313	P	20 01 28.0	2.0						Pg	00 43 29.0	4.3
			PMZ			3.0	0.96				LE	Ms = 5.0	6.0 31.0
			S	20 10 54.0	2.4			XAN	3.8	88	-Pn	00 43 29.0	0.3
			SMN			13.0	2.89				Pg	00 43 38.5	1.2
			LN		Ms = 5.7	53.0	6.69				Sn	00 44 13.8	-1.8
GTA	77.6	314	P	20 01 49.4	-1.3						Sg	00 44 28.8	-1.2
			PP	20 04 54.6	8.0						LN	Ms = 5.1	7.0 22.6
			iS	20 11 47.3	6.1						LE		5.0 14.1
			SMN		m _B = 6.0	10.5	1.30	GTA	6.5	328	Pn	00 44 06.8	2.0
LSA	80.7	303	eP	20 02 08.6	0.7						P11	00 44 18.2	-5.9
			eS	20 12 11.0	-3.6						Pg	00 44 29.8	6.1
			LN		Ms = 5.8	20.0	2.69				Sn	00 45 26.5	5.9
WMQ	87.7	315	P	20 02 45.0	2.5						Sg	00 46 01.0	8.8
			PP	20 06 09.0	-0.3						SMN	m _B = 5.4	9.0 5.36
			S	20 13 26.0	5.1						SME		11.0 3.88
			LZ		Ms = 6.1	28.0	7.31				SMZ		10.0 6.00
								TIY	7.6	59	Pn	00 44 22.4	2.5
											Pg	00 44 43.2	0.2
											Sg	00 46 21.1	-5.4

1985 6 23

June, 1985



LAT=10.63 S ± 1.72km
 LONG= 41.21 E ± 1.26km
 DEPTH= 11 km ± 0.25km
 STATIONS USED = 18, STAND DEV= 1.27s

LSA	62.6	49	eP	14 15 10.3	-1.5
WMQ	68.7	34	P	14 15 51.0	0.5
GYA	73.4	58	eP	14 16 19.3	0.0
GTA	73.7	44	P	14 16 18.0	-2.7
XAN	78.0	52	eP	14 16 45.5	0.3
BJI	85.5	48	eP	14 17 24.5	0.2

1985 6 24
 O=14 19 21.7 ± 0.09s
 LAT=10.74 S ± 1.79km
 LONG= 41.18 E ± 1.34km
 DEPTH= 10 km ± 0.21km
 STATIONS USED = 19, STAND DEV= 1.26s

LSA	62.7	49	eP	14 29 47.8	-2.5
WMQ	68.8	34	P	14 30 29.0	0.0
GTA	73.8	44	P	14 30 58.8	-0.3
XAN	78.1	52	eP	14 31 22.7	-0.9
HHC	82.5	46	eP	14 31 47.0	-0.3
BJI	85.6	48	eP	14 32 03.0	0.4

1985 6 24
 O=16 20 11.9 ± 0.14s
 LAT= 1.79 S ± 1.22km
 LONG= 78.02 W ± 2.45km
 DEPTH= 49 km ± 1.22km
 STATIONS USED = 41, STAND DEV= 1.76s

WMQ	136.3	15	ePKP	16 39 32.3	3.1
BJI	139.8	343	ePKP	16 39 36.0	0.4
HHC	140.2	349	ePKP	16 39 37.0	0.6
BTO	140.7	350	ePKP	16 39 39.0	1.7
GTA	142.5	3	ePKP	16 39 36.7	-3.8
TIY	143.0	346	ePKP	16 39 40.4	-0.8
SSE	145.7	330	ePKP	16 39 47.0	1.3
LZH	145.8	357	+PKP	16 39 47.5	1.2
NJ2	146.0	334	ePKP	16 39 47.2	0.9
XAN	147.3	349	ePKP	16 39 49.7	1.1
WHN	149.1	339	ePKP	16 39 50.5	-0.9
LSA	150.4	19	ePKP	16 39 53.6	-0.4
CD2	151.0	357	ePKP	16 39 57.0	2.6

1985 6 24
 O=21 40 32.8 ± 0.08s
 LAT=37.12 N ± 0.89km
 LONG=126.63 E ± 1.07km
 DEPTH= 15 km ± 0.61km
 STATIONS USED = 32, STAND DEV= 1.74s

Ms=4.2 / 2, ML=4.5 / 14,

DL2	4.3	296	Pg	21 41 49.8	0.4
			Sg	21 42 46.0	-2.7
			SMN	ML=4.4	1.0 0.86
			SME		1.0 0.61
SNY	5.3	334	ePg	21 42 08.4	2.6
			Sg	21 43 11.6	-6.0
			SMN	ML=4.5	1.0 0.45
			SME		0.8 0.68
CN2	6.7	353	ePn	21 42 10.0	-1.6
			Pg	21 42 35.4	3.7
			Sn	21 43 24.4	-5.9
			Sg	21 43 58.5	-5.2
			SMN	ML=4.5	1.0 0.20
			SME		1.0 0.30
SSE	7.5	219	ePn	21 42 23.5	1.2
			LG1	21 44 28.0	-0.9
			LG2	21 44 44.5	3.7
			SMN	ML=4.5	1.2 0.14
			SME		1.2 0.22
			LN	Ms=4.0	10.0 0.68
			LE		10.0 0.80
TIA	7.7	266	ePn	21 42 25.9	1.1
			Pg	21 42 52.8	4.1
			SMN	ML=4.8	1.5 0.34
			SME		1.5 0.22
			SMZ	ML=4.5	1.2 0.11
MDJ	7.8	16	Pg	21 42 52.0	1.1
			Sg	21 44 37.5	-0.1
			LE	Ms=4.4	8.0 1.90
BJI	8.7	293	eP	21 42 43.0	1.8
			eLG1	21 45 09.0	3.1
XAN	14.7	263	eP	21 44 03.4	0.4
CD2	19.9	259	P	21 45 07.9	0.6
GYA	20.0	244	P	21 45 08.2	0.1
GTA	21.2	284	eP	21 45 19.3	-0.9
KMI	23.6	246	eP	21 45 45.0	0.3

1985 6 24
 O=22 21 38.4 ± 0.19s
 LAT= 8.84 S ± 2.02km
 LONG= 79.05 W ± 2.75km
 DEPTH= 54 km ± 1.67km
 STATIONS USED = 50, STAND DEV= 2.01s

WMQ	143.3	16	PKP	22 41 01.0	-6.5
DL2	144.8	331	ePKP	22 41 07.3	-2.7
BJI	146.1	339	ePKP	22 41 12.0	-0.2
HHC	146.8	345	+PKP	22 41 14.6	1.1
BTO	147.4	347	ePKP	22 41 15.6	1.1
TIA	149.0	334	ePKP	22 41 17.3	0.2

TIY	149.4	342	ePKP	22 41 18.6	0.8
GTA	149.5	2	+PKP	22 41 19.4	1.3
SSE	150.9	322	PKP	22 41 20.5	0.5
NJ2	151.5	327	+PKP	22 41 26.0	5.1
			pPKP	22 41 44.5	8.2
LZH	152.8	355	-PKP	22 41 23.5	0.6
XAN	153.9	345	PKP	22 41 24.3	0.0
LSA	157.3	23	ePKP	22 41 29.5	0.2
GYA	161.7	344	+PKP	22 41 35.4	1.6
			PKP ₂	22 42 19.0	
KMI	163.7	354	+PKP	22 41 37.5	1.5

LONG = 104.36 E ± 1.74km
 DEPTH = 7 km ± 0.42km
 STATIONS USED = 11, STAND DEV = 4.58s
 M_L = 3.6 / 7,

LZH	2.0	348	Pn	01 04 22.8	0.0
			P11	01 04 24.8	-0.4
			Sn	01 04 52.0	1.7
			S11	01 04 54.0	-0.5
			SMN	M _L = 3.6	0.8 0.53
			SME		0.8 0.38
CD2	3.2	189	ePn	01 04 43.8	5.2
XAN	3.8	89	ePn	01 04 44.2	-2.5
			Pg	01 04 53.0	-1.3
			Sg	01 05 43.6	-2.6
			SMN	M _L = 3.6	0.8 0.14
			SME		0.8 0.12

1985 6 24

O = 22 53 29.1 ± 0.05s
 LAT = 36.64 N ± 0.81km
 LONG = 22.32 E ± 0.65km
 DEPTH = 56 km ± 0.11km

STATIONS USED = 42, STAND DEV = 0.63s

WMQ	49.3	60	P	23 02 15.0	0.2
LSA	56.9	76	eP	23 03 10.7	-1.3
GTA	59.3	62	P	23 03 27.6	-0.5
LZH	63.6	63	P	23 03 57.5	0.2
BTO	65.8	57	eP	23 04 11.4	0.0
CD2	66.0	68	+iP	23 04 13.2	0.6
HHC	66.7	56	P	23 04 17.2	0.0
KMI	68.1	74	eP	23 04 26.0	-0.3
XAN	68.2	63	P	23 04 26.5	-0.2
BJI	70.2	55	eP	23 04 38.0	-0.5
GYA	70.5	71	P	23 04 40.4	0.0
TIA	72.8	58	eP	23 04 54.0	-0.5
CN2	73.9	47	-P	23 05 00.2	-0.4

1985 6 25

O = 02 31 13.8 ± 0.05s
 LAT = 47.90 N ± 1.70km
 LONG = 152.18 E ± 1.08km
 DEPTH = 121 km ± 1.22km

STATIONS USED = 23, STAND DEV = 0.79s

XAN	35.0	263	P	02 37 55.8	-1.2
GTA	38.2	277	P	02 38 24.9	1.1
CD2	40.4	263	-iP	02 38 42.2	0.5
GYA	41.4	255	eP	02 38 50.6	0.6

1985 6 25

O = 06 27 41.1 ± 0.08s
 LAT = 4.18 N ± 1.14km
 LONG = 126.64 E ± 1.61km
 DEPTH = 100 km ± 0.38km

STATIONS USED = 41, STAND DEV = 1.28s

QZN	22.1	313	P	06 32 31.7	2.7
SSE	27.3	350	eP	06 33 19.0	0.8
TIA	33.1	346	eP	06 34 09.5	-0.1
XAN	34.0	333	P	06 34 15.7	-1.8
CD2	34.2	324	eP	06 34 19.1	-0.5
DL2	34.9	353	P	06 34 25.4	0.4
TIY	35.8	341	eP	06 34 31.2	-2.0
BJI	36.9	347	eP	06 34 43.0	0.6
SNY	37.6	356	eP	06 34 47.8	-0.1
LZH	38.1	329	eP	06 34 51.5	-0.6
MDJ	40.4	3	eP	06 35 11.0	0.1
LSA	42.1	311	eP	06 35 24.6	-0.9
GTA	42.7	329	P	06 35 30.0	0.0
WMQ	52.3	325	P	06 36 45.0	-0.2

1985 6 25

O = 00 56 14.9 ± 0.23s
 LAT = 23.40 N ± 1.74km
 LONG = 120.60 E ± 1.40km
 DEPTH = 10 km ± 0.10km
 STATIONS USED = 8, STAND DEV = 1.51s

QZH	2.4	310	ePn	00 56 56.0	1.5
			Sn	00 57 26.5	0.7
			SMN	M _L = 3.6	0.4 0.40
			SME		0.4 0.40
SSE	7.7	4	eP	00 58 09.5	-0.2
			SMN	M _L = 3.7	1.0 0.023
			SME		1.0 0.022

1985 6 25

O = 01 03 47.4 ± 0.16s
 LAT = 34.08 N ± 1.49km

1985 6 25

June, 1985

O = 13 24 32.2 ± 0.06s
 LAT = 35.81 N ± 0.62km
 LONG = 117.59 E ± 0.58km
 DEPTH = 7 km ± 0.21km
 STATIONS USED = 14, STAND DEV = 3.78s

$M_L = 3.5 / 14,$

TIA	0.6	317	+iPg	13 24 46.9	4.8		
			Sg	13 24 55.1	5.5		
NJ2	3.9	164	Pn	13 25 38.6	6.0		
			ePg	13 25 44.3	3.4		
			Sg	13 26 30.8	-3.2		
			SMN	$M_L = 3.1$	0.6	0.030	
			SME		0.8	0.060	
BJI	4.4	346	ePn	13 25 38.5	-0.8		
			ePg	13 25 54.0	4.6		
			eSg	13 26 52.0	2.8		
			SMN	$M_L = 2.9$	0.5	0.023	
			SME		0.5	0.022	
DL2	4.5	45	ePg	13 25 55.5	4.4		
			Sg	13 26 50.0	-2.1		
			SMN	$M_L = 3.6$	0.8	0.090	
			SME		0.8	0.12	
WHN	5.9	208	ePn	13 26 01.5	1.1		
			SME	$M_L = 4.0$	0.2	0.12	
XAN	7.3	259	ePn	13 26 24.6	4.6		
			Pg	13 26 51.0	9.4		
			Sg	13 28 29.4	7.5		
			SMN	$M_L = 3.2$	0.8	0.010	
			SME		0.8	0.010	

1985 6 25

O = 14 02 59.9 ± 0.12s
 LAT = 45.13 N ± 2.31km
 LONG = 146.21 E ± 1.78km
 DEPTH = 207 km ± 0.49km
 STATIONS USED = 25, STAND DEV = 1.55s

MDJ	11.8	273	eP	14 05 43.5	0.2
CN2	14.9	272	+P	14 06 20.2	-1.6
SNY	16.7	267	eP	14 06 44.0	-0.2
DL2	19.3	260	P	14 07 11.0	0.2
HHC	25.6	273	eP	14 08 12.0	-0.1
BTO	26.8	273	P	14 08 27.1	4.1
XAN	30.6	262	eP	14 08 55.8	-0.8
GTA	34.4	277	+P	14 09 31.3	1.2
CD2	35.9	262	-iP	14 09 43.1	0.6
GYA	36.6	253	P	14 09 49.0	0.2

1985 6 25

O = 14 17 58.9 ± 0.15s
 LAT = 19.30 S ± 1.89km

LONG = 168.60 E ± 1.83km
 DEPTH = 66 km ± 0.69km
 STATIONS USED = 44, STAND DEV = 1.59s

DL2	72.7	323	eP	14 29 22.0	-0.3
MDJ	72.9	332	eP	14 29 23.2	-0.3
SNY	73.7	327	eP	14 29 28.4	0.2
CN2	74.2	329	-P	14 29 30.0	-1.1
GYA	75.4	305	P	14 29 39.4	1.5
BJI	76.6	321	eP	14 29 45.0	0.2
TIY	77.5	318	eP	14 29 49.5	-0.3
XAN	77.7	313	eP	14 29 50.8	-0.2
KMI	77.8	302	eP	14 29 53.0	1.3
CD2	79.8	308	P	14 30 04.0	1.5
BTO	80.7	319	eP	14 30 08.0	0.7
LZH	82.3	312	P	14 30 18.0	2.1
GTA	86.7	314	P	14 30 38.2	0.3
WMQ	96.8	314	P	14 31 24.0	-0.6

1985 6 25

O = 17 44 46.9 ± 0.09s
 LAT = 25.79 N ± 0.75km
 LONG = 102.85 E ± 0.79km
 DEPTH = 15 km ± 0.36km
 STATIONS USED = 6, STAND DEV = 3.96s

$M_L = 3.3 / 4,$

KMI	0.7	189	+Pg	17 44 59.0	-0.3		
			Sg	17 45 09.5	1.1		
			SMN	$M_L = 3.6$	1.0	1.60	
			SME		1.0	2.90	
GYA	3.5	78	ePn	17 45 42.2	0.8		
			Pg	17 45 54.0	5.3		
			Sn	17 46 23.0	-1.3		
CD2	5.2	9	ePn	17 46 06.4	2.2		

1985 6 25

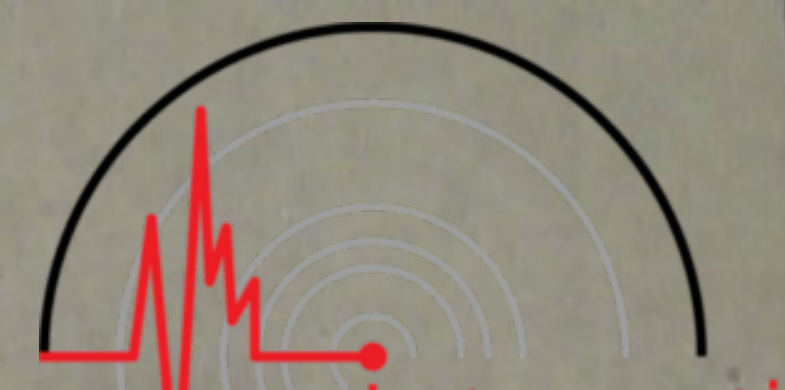
O = 20 08 11.3 ± 0.07s
 LAT = 43.65 N ± 0.96km
 LONG = 87.23 E ± 0.64km
 DEPTH = 17 km ± 0.29km
 STATIONS USED = 9, STAND DEV = 2.34s

$M_L = 3.8 / 6,$

WMQ	0.4	62	-iPg	20 08 20.3	1.6		
			Sg	20 08 26.0	1.8		
GTA	10.3	110	P	20 10 39.9	-2.6		
			SMN		1.2	0.031	
			SME		1.2	0.017	
			LG ₁	20 13 38.9	2.8		

1985 6 25

O = 20 21 57.5 ± 0.26s



LAT=27.66 N ± 2.50km					S 20 29 23.0 9.5				
LONG=126.45 E ± 2.38km					LN Ms=4.9 9.0 1.30				
DEPTH=49 km ± 0.02km					LE 9.0 1.20				
STATIONS USED = 60, STAND DEV = 2.62s					HHC 18.0 321 +P 20 26 10.0 4.1				
Ms=4.9/29, ML=5.1/2, mb=5.5/2					LN Ms=4.9 10.0 1.50				
SSE	5.7	308	eP	20 23 20.0 -2.2	LE 12.0 1.44				
			S	20 24 31.0 4.7	BTO 18.7 318 eP 20 26 18.0 3.3				
			LN	Ms=4.8 12.0 11.1	LN Ms=5.0 15.0 3.10				
			LE	11.0 5.86	LE 15.0 2.50				
QZH	7.6	251	eP	20 23 45.2 -2.6	LZ Ms=4.9 13.0 2.70				
			LN	Ms=4.7 12.0 6.25	CD2 20.0 285 +iP 20 26 27.8 -1.8				
NJ2	7.9	305	eP	20 23 55.0 2.3	iS 20 30 12.0 4.9				
			LN	Ms=4.7 10.0 5.00	LN Ms=5.2 10.0 3.26				
WHN	11.0	288	eP	20 24 41.1 6.4	LZH 20.9 299 eP 20 26 37.5 -1.2				
			LG ₂	20 27 55.0 -4.3	LG ₂ 20 33 25.0 -2.8				
			LN	Ms=5.0 10.0 6.07	LN Ms=5.2 14.0 4.46				
TIA	11.6	319	eP	20 24 47.6 3.9	KMI 21.4 269 +P 20 26 43.5 0.1				
			eS	20 26 55.0 2.8	LN Ms=5.1 10.0 2.70				
			LN	Ms=4.7 13.0 2.75	GTA 25.0 305 P 20 27 17.4 -1.4				
			LE	12.0 2.19	LE Ms=5.0 11.0 1.67				
			LZ	Ms=4.7 11.0 3.11	LSA 31.0 282 eP 20 28 10.5 -2.7				
DL2	11.9	341	eP	20 24 47.2 -0.3	WMQ 35.0 308 P 20 28 45.0 -2.6				
			eS	20 27 04.0 4.9					
			LN	Ms=4.8 11.0 3.00	1985 6 25				
			LE	12.0 2.22	O=21 25 43.1 ± 0.06s				
SNY	14.3	351	+P	20 25 18.0 -1.3	LAT=40.18 N ± 0.61km				
			eS	20 28 00.0 3.2	LONG=76.99 E ± 0.49km				
			LG ₁	20 29 34.0 6.6	DEPTH=19 km ± 0.27km				
			LN	Ms=4.8 9.0 2.37	STATIONS USED = 7, STAND DEV = 2.64s				
BJI	15.0	328	eP	20 25 25.5 -2.5	ML=4.0/4,				
			eS	20 28 16.0 3.4	KSH 1.1 227 -iPg 21 26 02.0 -0.4				
			LN	Ms=4.7 18.0 2.16	Sg 21 26 16.0 -1.0				
			LE	18.0 1.89	SMN 3.0 8.65				
TIY	15.5	314	eP	20 25 38.6 4.4	WMQ 8.8 62 P 21 27 52.5 0.4				
			LN	Ms=5.0 14.0 3.18	S 21 29 34.5 3.5				
			LE	12.0 2.61	LG ₂ 21 30 28.5 -3.6				
CN2	16.1	357	+P	20 25 40.6 -1.9	LN 2.0 0.10				
			eS	20 28 41.0 2.1					
			LN	Ms=5.0 9.0 1.40	1985 6 26				
			LE	9.0 2.50	O=03 05 39.9 ± 0.07s				
XAN	16.3	297	eP	20 25 46.2 1.0	LAT=9.45 N ± 0.99km				
			LE	Ms=5.2 12.0 5.50	LONG=124.35 E ± 1.33km				
MDJ	17.1	8	eP	20 25 53.3 -1.6	DEPTH=540 km ± 0.54km				
			eS	20 29 04.0 2.5	STATIONS USED = 97, STAND DEV = 0.98s				
			LE	Ms=5.0 16.0 4.80	mb=5.0/15				
QZN	17.5	244	eP	20 25 56.0 -3.7	QZH 16.4 341 eP 03 09 03.0 0.4				
			S	20 29 11.0 1.4	iS 03 11 50.0 3.3				
			LN	Ms=4.9 14.0 3.00	SMN mb=5.3 6.0 4.87				
			LE	14.0 1.60	QZN 17.0 306 +iP 03 09 09.0 0.4				
GYA	17.7	271	eP	20 26 05.0 3.0	sP 03 11 12.0 -2.4				

1985 6 26
 O=10 57 52.7 ± 0.18s
 LAT=22.36 S ± 0.61km
 LONG=170.30 E ± 1.41km
 DEPTH= 48 km ± 1.70km
 STATIONS USED = 13, STAND DEV = 2.14s

CN2	77.6	328	-P	11 09 45.0	-1.4
KMI	80.8	302	+P	11 10 05.0	1.3
XAN	80.9	312	eP	11 10 00.6	-3.9
HHC	83.2	319	eP	11 10 16.8	0.5

1985 6 26
 O=12 44 57.1 ± 0.07s
 LAT=54.90 N ± 0.86km
 LONG=160.41 W ± 0.93km
 DEPTH= 62 km ± 0.99km
 STATIONS USED = 33, STAND DEV = 0.88s

MDJ	44.6	287	eP	12 53 03.7	-1.4
CN2	47.4	289	+P	12 53 27.0	-0.3
			epP	12 53 42.0	-0.2
SNY	49.7	288	-P	12 53 46.2	0.8
TIY	58.7	292	eP	12 54 51.4	0.3
XAN	63.3	292	eP	12 55 22.2	-0.3
LZH	64.4	297	+P	12 55 29.5	-0.4
WMQ	66.0	313	P	12 55 40.0	0.2
CD2	68.5	293	eP	12 55 56.0	0.5
GYA	70.4	288	P	12 56 08.2	0.8
KMI	73.6	290	eP	12 56 26.5	-0.1
LSA	75.9	302	+P	12 56 39.3	-0.8

1985 6 26
 O=17 10 01.2 ± 0.10s
 LAT=18.87 N ± 1.25km
 LONG= 64.62 W ± 1.86km
 DEPTH= 44 km ± 0.67km
 STATIONS USED = 53, STAND DEV = 1.47s
 Ms=5.9/14,

KSH	111.3	32	ePKP	17 28 29.0	-2.2
			ePP	17 29 11.0	-3.7
WMQ	112.7	21	ePKP	17 28 33.0	-0.8
			eSKS	17 35 42.0	3.3
			SKKS	17 36 16.0	
			LN	Ms=5.8	22.0 1.70
CN2	117.0	352	ePKP	17 28 40.0	-2.1
			ePP	17 29 53.5	-1.9
			SKKS	17 36 43.0	
			SS	17 45 55.0	-1.1
			LN	Ms=5.9	19.0 1.90
SNY	119.1	353	ePKP	17 28 46.0	-0.3

GTA	120.2	14	LN	Ms=5.3	32.0	0.77
			PKP	17 28 49.0	0.3	
			LN	Ms=6.0	23.0	2.29
HHC	120.5	3	ePKP	17 28 50.0	0.9	
BJI	121.4	359	ePKP	17 28 50.5	-0.2	
			PP	17 30 34.0	8.5	
			SKS	17 35 48.0	-7.3	
			SKKS	17 37 15.0		
			SS	17 46 52.0	-1.8	
			LN	Ms=6.0	20.0	2.07
TIY	123.7	3	ePKP	17 28 56.0	0.8	
			LN	Ms=5.9	18.0	1.69
LZH	124.3	11	ePKP	17 28 57.0	0.5	
TIA	125.2	358	ePKP	17 28 58.0	-0.1	
LSA	126.4	26	ePKP	17 29 01.0	0.2	
XAN	127.0	7	ePKP	17 29 00.8	-0.9	
			LN	Ms=6.0	18.0	1.83
NJ2	129.3	356	ePKP	17 29 06.8	0.9	
			ePP	17 31 22.0	3.6	
			LZ	Ms=5.6	22.0	0.97
CD2	129.3	13	PKP	17 29 07.5	1.5	
SSE	130.0	353	ePKP	17 29 06.0	-1.3	
			ePP	17 31 18.0	-4.8	
			SS	17 48 45.0	3.2	
			LN	Ms=6.1	20.0	1.20
			LE		20.0	1.85
			LZ	Ms=5.9	20.0	1.51
WHN	130.9	1	ePKP	17 29 09.0	0.0	
GYA	134.2	11	PKP	17 29 16.2	0.8	
KMI	134.6	16	+PKP	17 29 16.5	0.2	
			sPKP	17 29 34.0		
			PP	17 31 56.0	3.8	
			PKS	17 32 49.5		
			LN	Ms=5.8	20.0	1.33
GZH	138.3	3	ePKP	17 29 25.0	2.3	
QZN	141.9	9	ePKP	17 29 30.1	0.8	

1985 6 26
 O=18 04 08.9 ± 0.10s
 LAT=39.60 N ± 1.07km
 LONG=118.74 E ± 1.07km
 DEPTH= 8 km ± 0.20km
 STATIONS USED = 17, STAND DEV = 2.82s
 M_L=3.5/20,

BJI	2.0	283	ePn	18 04 43.5	-0.2
			Pg	18 04 46.5	1.9
			Sn	18 05 10.0	-1.1
			Sg	18 05 13.0	0.7
			BMN	M _L =3.9	0.5 1.34
			SME		0.5 0.67

GTA	12.9	109	eP	11 51 17.2	7.0
HHC	20.6	91	eP	11 52 44.2	-0.7
XAN	22.0	111	eP	11 52 56.0	-3.2
TIY	22.4	98	eP	11 53 01.2	-2.7
GYA	25.8	128	P	11 53 32.4	-4.3

1985 6 27
 O=12 45 59.1 ± 0.09s
 LAT= 6.49 S ± 1.06km
 LONG=155.00 E ± 1.14km
 DEPTH= 54 km ± 0.55km
 STATIONS USED = 46, STAND DEV= 1.12s
 Ms=5.1/ 1,

QZN	51.2	301	eP	12 55 01.9	2.3
WHN	53.6	316	eP	12 55 16.0	-1.4
DL2	54.7	328	eP	12 55 25.0	-0.9
MDJ	55.8	338	eP	12 55 32.0	-1.4
CN2	56.7	335	+iP	12 55 39.6	-0.7
GYA	57.1	307	P	12 55 45.0	1.6
BJI	58.5	326	eP	12 55 51.0	-1.7
XAN	59.3	316	eP	12 55 57.4	-1.2
KMI	59.7	304	eP	12 56 02.5	1.0
CD2	61.5	310	P	12 56 13.6	0.4
LZH	64.0	315	-P	12 56 30.5	0.8
			PMZ		1.5 0.050
GTA	68.4	317	-iP	12 56 58.8	1.0
			LN	Ms=5.1	9.5 0.35
LSA	71.0	304	eP	12 57 15.2	1.0
WMQ	78.5	317	eP	12 57 57.0	0.2
KSH	85.7	310	eP	12 58 36.0	1.8
			eSKS	13 08 51.0	0.9

1985 6 27
 O=13 10 43.1 ± 0.13s
 LAT=34.59 N ± 1.88km
 LONG= 89.90 E ± 1.95km
 DEPTH= 27 km ± 0.31km
 STATIONS USED = 15, STAND DEV= 3.63s
 Ms=3.9/ 4,

LSA	5.0	167	Pn	13 12 00.8	3.6
			LE	Ms=3.8	7.0 0.94
GTA	9.3	56	eP	13 13 05.7	7.3
WMQ	9.4	350	eP	13 12 57.2	-2.6
XAN	15.7	87	eP	13 14 26.0	1.2
			LE	Ms=4.2	10.0 0.50
GYA	16.5	115	P	13 14 36.0	0.7
BJI	21.6	68	eP	13 15 31.0	-1.8
			LN	Ms=4.0	13.0 0.23
SSE	26.5	89	eP	13 16 14.5	-5.7

1985 6 27
 O=14 35 05.2 ± 0.04s
 LAT=56.97 N ± 0.94km
 LONG=157.08 W ± 0.62km
 DEPTH=100 km ± 0.41km

STATIONS USED = 19, STAND DEV= 0.76s

CN2	48.5	289	+P	14 43 38.8	-1.2
SNY	50.8	289	-P	14 43 58.2	0.1
BJI	55.9	292	eP	14 44 35.0	-0.8
XAN	64.3	293	eP	14 45 32.0	-0.6
GTA	64.4	303	P	14 45 33.4	0.1
CD2	69.4	295	P	14 46 05.6	0.9
GYA	71.5	290	P	14 46 18.2	0.4

1985 6 27
 O=16 25 37.6 ± 0.04s
 LAT=38.47 N ± 0.26km
 LONG=116.52 E ± 0.36km
 DEPTH= 9 km ± 0.12km
 STATIONS USED = 6, STAND DEV= 1.22s

Ms=2.9/ 8,

BJI	1.6	351	Pg	16 26 05.0	-0.7
			Sg	16 26 25.0	-2.4
			SMN	Ms=3.4	0.5 0.42
			SME		0.5 0.40
TIA	2.3	168	Pn	16 26 15.9	-0.2
			Pg	16 26 20.1	1.8
			Sg	16 26 45.1	-4.8
			SMN	Ms=2.9	0.3 0.064
			SME		0.3 0.080
			SMZ	Ms=2.8	0.3 0.046
TIY	3.3	258	ePg	16 26 37.2	1.1
			Sg	16 27 22.6	1.4

1985 6 27
 O=18 38 56.1 ± 0.10s
 LAT=27.03 N ± 0.87km
 LONG=100.87 E ± 1.02km
 DEPTH= 6 km ± 0.27km
 STATIONS USED = 14, STAND DEV= 3.40s

Ms=4.2/ 1, MsL=3.6/ 9,

KMI	2.5	138	-Pn	18 39 38.5	0.2
			Sn	18 40 11.0	-0.2
			SMN	Ms=4.0	1.0 0.66
			SME		1.5 1.17
			LN		6.0 1.27
			LE		6.0 1.78
CD2	4.6	33	Pn	18 40 08.6	1.9
			Sg	18 41 18.7	-1.9
			SMN	Ms=4.5	1.5 0.75

			SME		1.5	0.55	BTO	42.2	340	eP	19 26 28.0	-0.1
			LN	Ms=4.2	7.0	1.72	CN2	42.4	358	eP	19 26 30.0	0.3
			LE		8.0	2.20	MDJ	43.3	2	eP	19 26 36.0	-0.4
GYA	5.2	95	ePn	18 40 20.0	5.1		LSA	44.6	313	-P	19 26 47.4	0.1
			Pg	18 40 30.0	2.0					eS	19 33 09.0	-3.1
			SMN	M _L =3.4	1.2	0.040				SME	m _B =5.5	4.0 0.29
			SME		1.2	0.050	GTA	45.6	330	-iP	19 26 55.4	0.5
										ScP	19 32 08.9	0.8
										ScS	19 36 32.9	0.5
										LE		18.0 0.20
							WMQ	55.1	326	P	19 28 07.4	0.1
										S	19 35 38.0	1.9
										SMN	m _B =5.3	6.0 0.35
										ScS	19 37 37.0	-0.3
							KSH	60.2	316	eP	19 28 44.0	1.0
										S	19 36 46.0	3.4
<p>1985 6 27 O=19 18 47.2 ± 0.05s LAT= 1.21 N ± 0.78km LONG=127.34 E ± 0.99km DEPTH=145 km ± 0.14km STATIONS USED = 67, STAND DEV= 0.80s m_B=5.4/ 4</p>												
QZN	24.7	317	eP	19 23 56.2	0.1							
			pP	19 24 23.0	-2.4							
			sP	19 24 44.0	1.3							
			S	19 28 09.0	5.3							
			sS	19 29 03.0	6.9							
			LN		14.0	1.00						
			LE		15.0	1.30						
QZH	25.1	341	eP	19 24 00.0	0.1							
			S	19 28 20.0	9.4							
GZH	25.6	329	+P	19 24 06.0	0.7							
SSE	30.3	349	eP	19 24 47.5	0.2							
			epP	19 25 20.0	2.3							
			LE		20.0	0.58						
WHN	31.7	338	+P	19 25 00.5	1.1							
GYA	32.0	323	P	19 25 02.5	-0.1							
KMI	33.6	317	-P	19 25 17.0	0.7							
			pP	19 25 48.0	1.0							
			S	19 30 27.0	0.7							
			SMN	m _B =4.7	8.0	0.25						
			LN		10.0	0.33						
XAN	36.9	334	-P	19 25 44.0	-0.2							
			PMZ		1.2	0.15						
			S	19 31 19.0	1.8							
CD2	37.0	325	P	19 25 45.2	0.1							
DL2	37.9	353	eP	19 25 51.5	-0.6							
TIY	38.8	341	eP	19 26 00.0	-0.1							
BJI	40.0	347	eP	19 26 09.0	-0.3							
SNY	40.6	356	eP	19 26 13.8	-0.6							
			eS	19 32 12.0	-1.0							
			LE		21.0	0.73						
LZH	41.0	330	-P	19 26 19.0	1.1							
			PMZ		1.5	0.23						
			eS	19 32 18.0	-1.2							
			ScS	19 36 03.0	-0.9							
HHC	42.0	342	eP	19 26 25.8	-0.1							
<p>1985 6 27 O=21 31 57.7 ± 0.09s LAT= 1.57 N ± 0.93km LONG=126.40 E ± 1.79km DEPTH= 55 km ± 0.33km STATIONS USED = 33, STAND DEV= 1.14s</p>												
QZN	23.8	318	eP	21 37 07.1	1.0							
GZH	24.9	330	eP	21 37 19.6	2.7							
XAN	36.2	335	eP	21 38 56.0	-1.5							
CD2	36.2	326	eP	21 38 56.7	-0.9							
DL2	37.4	354	P	21 39 08.5	0.9							
TIY	38.2	342	eP	21 39 13.8	-0.5							
BJI	39.4	348	eP	21 39 23.5	-0.7							
SNY	40.2	357	eP	21 39 31.5	1.0							
LZH	40.2	331	eP	21 39 30.5	-0.6							
CN2	42.1	359	eP	21 39 46.6	0.5							
GTA	44.8	331	P	21 40 07.9	-0.5							
WMQ	54.3	326	P	21 41 21.3	-0.1							
<p>1985 6 28 O=04 46 21.4 ± 0.11s LAT= 1.21 N ± 2.10km LONG=122.82 E ± 4.09km DEPTH= 28 km ± 0.44km STATIONS USED = 36, STAND DEV= 2.23s</p>												
QZN	21.8	325	eP	04 51 21.7	8.3							
KMI	30.7	322	eP	04 52 36.0	-0.5							
CD2	34.6	330	P	04 53 09.4	-1.3							
XAN	35.2	340	eP	04 53 12.6	-2.7							
DL2	37.5	358	eP	04 53 33.0	-2.2							
TIY	37.6	346	eP	04 53 35.0	-0.6							
BJI	39.1	352	eP	04 53 46.5	-2.0							
SNY	40.4	1	eP	04 53 57.6	-1.9							

GTA	43.4	334	-P	04 54 23.4	-0.8		
WMQ	52.7	328	P	04 55 36.0	-0.1		
1985 6 28							
O=07 32 19.4				$\pm 0.13s$			
LAT=10.59 S				$\pm 2.63km$			
LONG= 41.17 E				$\pm 2.75km$			
DEPTH= 9 km				$\pm 0.26km$			
STATIONS USED = 70, STAND DEV = 1.68s							
Ms=5.5 / 17,				m_B=5.7 / 6			
KSH	59.4	31	P	07 42 27.0	1.8		
			S	07 50 37.0	5.6		
			LE	Ms=5.5	13.0	1.35	
LSA	62.6	49	eP	07 42 44.2	-3.3		
			eS	07 51 08.0	-6.8		
			LN	Ms=5.4	18.0	1.35	
WMQ	68.7	34	-iP	07 43 26.4	0.3		
			PMZ		1.5	0.10	
			eS	07 52 27.0	-1.3		
			LN	Ms=5.4	22.0	1.61	
KMI	69.7	58	-P	07 43 33.0	0.5		
			eS	07 52 40.0	-0.6		
			LN	Ms=5.5	18.0	1.76	
CD2	72.8	53	eP	07 43 50.6	-0.5		
			LE	Ms=5.4	22.0	1.45	
GYA	73.5	58	P	07 43 55.0	0.0		
			S	07 53 26.0	3.7		
GTA	73.7	44	P	07 43 54.8	-1.6		
			S	07 53 23.0	-1.7		
			LE	Ms=5.5	19.0	1.54	
QZN	73.8	67	eP	07 43 57.5	0.7		
			eS	07 53 25.0	-2.5		
			LN	Ms=5.7	18.0	1.20	
			LE		19.0	1.90	
LZH	75.0	48	+P	07 44 06.0	1.9		
			PMZ		2.5	0.24	
			eS	07 53 41.0	-0.5		
XAN	78.0	52	eP	07 44 19.0	-1.9		
			PcP	07 44 29.5	-0.5		
			S	07 54 13.0	0.5		
			SMN	m _B =5.7	11.0	0.45	
			SME		10.0	0.42	
GZH	78.1	64	P	07 44 20.0	-1.3		
WHN	81.2	57	eP	07 44 38.0	0.1		
			S	07 54 49.0	3.3		
			SME	m _B =5.8	10.0	0.71	
BTO	81.3	46	P	07 44 39.4	0.9		
			PP	07 47 47.0	1.9		
			S	07 54 45.0	-1.5		
			SKS	07 54 51.0	-1.0		

TIY	82.0	49	eP	07 44 41.0	-1.2		
			S	07 54 57.5	3.5		
			SME	m _B =5.7	11.0	0.68	
			LE	Ms=5.2	18.0	0.57	
HHC	82.5	46	P	07 44 46.5	1.9		
QZH	83.2	63	-P	07 44 49.6	1.1		
			eS	07 55 08.0	-0.2		
TIA	85.1	52	eP	07 44 56.8	-1.1		
			LN	Ms=5.3	28.0	1.20	
NJ2	85.3	56	eP	07 45 00.0	1.0		
			S	07 55 20.0	-7.2		
			LZ	Ms=5.4	20.0	1.00	
BJI	85.5	48	eP	07 45 01.0	1.0		
			PMZ	m _B =5.8	5.0	0.42	
			eSKS	07 55 19.0	-2.0		
			eS	07 55 30.0	-0.7		
			SMN	m _B =5.2	8.0	0.17	
			LN	Ms=5.4	32.0	1.48	
SSE	87.0	58	+P	07 45 09.0	1.7		
			S	07 55 44.0	0.6		
			SS	08 01 30.0	1.0		
			LE	Ms=5.8	20.0	2.48	
DL2	89.3	50	P	07 45 18.0	-0.1		
SNY	91.4	48	-P	07 45 37.0	9.0		
			eSKS	07 56 03.0	5.3		
			eS	07 56 29.0	3.6		
			LN	Ms=5.5	18.0	0.71	
			LE		20.0	0.72	
CN2	93.2	46	eP	07 45 35.4	-0.8		
MDJ	96.2	46	eP	07 45 48.5	-1.8		
			SKS	07 56 25.0	0.6		
			S	07 57 06.0	0.6		
			SS	08 03 45.0	3.8		
			LN	Ms=5.6	18.0	1.10	

1985 6 28							
O=10 13 24.8				$\pm 0.16s$			
LAT=39.65 N				$\pm 2.60km$			
LONG= 72.12 E				$\pm 1.61km$			
DEPTH= 74 km				$\pm 0.89km$			
STATIONS USED = 25, STAND DEV = 2.65s							
Ms=4.5 / 2, M_L=4.7 / 3,							
KSH	3.0	92	+iP	10 14 12.5	1.0		
			S	10 14 52.0	6.1		
WMQ	12.4	65	P	10 16 16.5	-3.3		
			S	10 18 40.0	4.2		
			LG ₂	10 20 03.2	-9.4		
			LN		2.0	0.25	
			LE		1.5	0.14	
GTA	21.3	82	+P	10 18 09.2	1.3		

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			LE	Ms=4.2	20.0	0.61
LZH	25.2	88	eP	10 18 41.5	-4.3	
CD2	27.2	99	eP	10 19 07.3	3.8	
XAN	29.8	89	eP	10 19 28.0	0.5	
BJI	33.6	75	eP	10 20 01.5	1.4	

1985 6 28

O=13 35 31.5 ± 0.07s
 LAT=30.53 N ± 1.50km
 LONG= 57.50 E ± 0.90km
 DEPTH= 32 km ± 0.07km
 STATIONS USED = 46, STAND DEV= 1.18s

Ms=5.0/ 6,

KSH	17.5	55	eP	13 39 34.0	-1.4	
WMQ	27.3	53	eP	13 41 14.0	-1.6	
			LN	Ms=4.6	24.0	1.32
GTA	35.5	64	P	13 42 28.1	0.2	
			LE	Ms=4.8	18.0	0.89
LZH	38.8	69	eP	13 42 56.0	0.2	
CD2	39.5	77	eP	13 43 01.9	0.4	
KMI	40.2	86	-P	13 43 07.0	0.1	
GYA	43.1	83	eP	13 43 30.4	-0.8	
XAN	43.2	71	eP	13 43 33.1	1.1	
BTO	43.3	62	eP	13 43 33.2	0.5	
			eS	13 49 57.0	-1.2	
HHC	44.5	61	P	13 43 43.0	1.0	
TIY	45.5	66	eP	13 43 51.0	0.9	
			LN	Ms=4.9	15.0	0.68
BJI	48.1	62	eP	13 44 12.5	2.2	
SNY	53.3	58	eP	13 44 51.8	1.6	
CN2	54.3	56	eP	13 44 57.0	-0.6	

1985 6 28

O=18 54 15.4 ± 0.05s
 LAT=37.50 S ± 1.36km
 LONG=179.50 E ± 1.40km
 DEPTH= 50 km ± 0.19km
 STATIONS USED = 39, STAND DEV= 1.12s

Ms=5.2/ 3,

m_B=5.9/ 2

QZH	84.4	307	eP	19 06 45.0	0.2	
			S	19 17 08.5	4.2	
			SMN	m _B =6.2	10.0	1.98
GZH	86.6	302	P	19 06 56.5	1.2	
SSE	87.3	313	eP	19 07 01.0	2.1	
			eSKS	19 17 23.0	4.8	
			S	19 17 38.0	6.0	
			LE	Ms=5.7	20.0	1.73
NJ2	89.4	312	+P	19 07 09.0	0.2	
			LZ	Ms=5.2	24.0	0.69
WHN	91.0	308	eP	19 07 17.0	0.4	

GYA	93.3	301	eP	19 07 29.0	1.7	
MDJ	93.3	327	eP	19 07 26.8	-0.4	
			SKS	19 17 58.0	3.9	
			S	19 18 22.0	-4.5	
			LN	Ms=5.0	25.0	0.46
SNY	94.0	322	eP	19 07 28.9	-1.2	
CN2	94.6	324	P	19 07 31.6	-1.3	
			eSKS	19 18 03.0	2.1	
			S	19 18 38.0	1.0	
			SMN	m _B =5.7	9.0	0.50
KMI	95.2	298	eP	19 07 37.0	1.1	
XAN	96.8	308	eP	19 07 43.4	0.5	
WMQ	115.9	306	ePdif	19 12 53.0	226.9	
KSH	121.8	298	ePKP	19 13 07.0	1.9	

1985 6 28

O=21 29 08.9 ± 0.07s
 LAT=25.92 N ± 0.92km
 LONG=100.47 E ± 0.54km
 DEPTH= 7 km ± 0.24km
 STATIONS USED = 7, STAND DEV= 2.41s

M_L=3.7/ 5,

KMI	2.2	111	-Pn	21 29 46.5	0.0	
			Pg	21 29 50.5	2.7	
			Sg	21 30 17.5	-0.4	
			SMN	M _L =3.7	0.5	0.53
			SME		0.5	0.51
CD2	5.8	29	ePn	21 30 35.4	0.3	
			Sn	21 31 44.8	1.2	
			SME	M _L =3.7	1.4	0.066

1985 6 28

O=22 46 20.1 ± 0.10s
 LAT= 2.43 S ± 1.46km
 LONG= 28.91 E ± 1.53km
 DEPTH= 10 km ± 0.32km
 STATIONS USED = 20, STAND DEV= 1.41s

WMQ	69.8	41	P	22 57 32.5	-0.9	
GTA	76.9	49	P	22 58 15.8	0.5	
CD2	78.3	58	P	22 58 22.4	-0.4	
BTO	84.8	49	eP	22 59 00.0	2.9	
HHC	86.0	49	eP	22 59 04.5	1.4	
BJI	89.5	50	P	22 59 20.0	0.5	

1985 6 29

O=02 04 52.2 ± 0.18s
 LAT=20.67 N ± 2.05km
 LONG=122.15 E ± 3.04km
 DEPTH= 4 km ± 0.64km
 STATIONS USED = 36, STAND DEV= 2.55s

Ms = 4.7 / 10,													
QZH	5.4	323	ePn	02 06 12.3	-1.1			LG ₁	03 00 50.0	-0.3			
			eSn	02 07 09.4	-8.5			LG ₂	03 01 09.0	2.4			
QZN	11.7	264	P	02 07 40.2	-3.0			LN	Ms = 5.6	11.0	8.03		
			LN	Ms = 4.6	11.0	2.00		LE		11.0	28.0		
			LE		12.0	1.50		LZ	Ms = 5.5	12.0	22.8		
GYA	15.3	295	eP	02 08 26.4	-4.9			NJ2	11.6	346	eP	02 58 14.0	-1.5
TIA	16.1	345	eP	02 08 43.2	1.9			S	03 00 16.5	-9.1			
XAN	17.7	321	eP	02 09 03.8	1.8			LE	Ms = 5.9	10.0	43.1		
			LN	Ms = 4.8	15.0	1.98		QZN	11.6	263	eP	02 58 12.9	-2.8
			LE		14.0	1.34		eS	03 00 20.5	-5.8			
TIY	19.0	336	eP	02 09 16.4	-0.8			LN	Ms = 5.7	12.0	26.6		
			LN	Ms = 5.0	12.0	2.02		LE		12.0	16.2		
			LE		12.0	2.40		WHN	11.9	326	eP	02 58 19.0	-1.2
CD2	19.4	305	eP	02 09 21.0	-1.5			eS	03 00 28.0	-6.4			
BJI	20.0	346	eP	02 09 26.0	-2.7			LN	Ms = 5.8	10.0	22.3		
			LN	Ms = 4.7	12.0	1.38		LE		11.0	30.8		
SNY	21.1	3	eP	02 09 37.9	-2.8			GYA	15.2	295	eP	02 59 03.4	0.1
			S	02 13 31.0	0.0			S	03 01 49.4	-2.0			
			LE	Ms = 4.6	12.0	0.96		LN	Ms = 5.7	11.0	14.5		
HHC	22.0	338	eP	02 09 50.6	0.5			LE		11.0	11.5		
LZH	22.2	318	eP	02 09 52.0	0.3			TIA	16.0	345	eP	02 59 14.9	1.4
BTO	22.4	335	eP	02 09 53.5	-0.1			eS	03 02 13.0	2.3			
			eS	02 13 47.0	-8.6			LN	Ms = 5.8	11.0	9.99		
			LN	Ms = 4.8	13.0	0.90		LE		10.0	18.4		
			LE		13.0	1.30		LZ	Ms = 5.3	14.0	9.47		
			LZ	Ms = 4.8	13.0	1.40		XAN	17.6	321	eP	02 59 34.2	0.3
CN2	23.2	6	eP	02 10 03.6	1.9			PMZ	m _B = 5.6	9.0	2.53		
GTA	26.8	319	P	02 10 36.1	0.7			S	03 02 46.0	-1.3			
WMQ	36.8	317	eP	02 12 08.0	4.7			SMN	m _B = 5.7	9.0	4.06		
								LN	Ms = 5.7	11.0	15.3		
								DL2	18.1	359	P	02 59 38.0	-2.0
								PMZ	m _B = 5.6	6.0	1.67		
								S	03 03 00.0	1.5			
								LN	Ms = 5.6	12.0	9.73		
								LE		10.0	6.32		
								KMI	18.3	287	+P	02 59 45.5	2.7
								S	03 03 07.0	3.9			
								LE	Ms = 5.7	10.0	14.1		
								TIY	18.8	336	+P	02 59 49.0	-0.3
								PMZ	m _B = 5.6	7.0	1.98		
								S	03 03 22.5	7.2			
								SME	m _B = 5.5	11.0	3.10		
								LN	Ms = 6.1	13.0	28.3		
								LE		12.0	31.7		
GZH	8.4	287	-P	02 57 28.4	-3.0			CD2	19.3	305	eP	02 59 55.0	0.5
			S	02 58 59.5	-7.3			PMZ	m _B = 5.6	6.0	1.55		
			LN	Ms = 5.4	14.0	18.0		S	03 03 24.0	-1.4			
			LE		13.0	29.4		LN	Ms = 6.1	10.0	29.8		
SSE	10.3	356	eP	02 57 57.0	-1.0			LE		10.0	7.85		
			eS	02 59 52.0	-2.6			BJI	19.8	347	eP	03 00 00.0	-1.0

1985 6 29

O = 02 55 26.9 ± 0.13s

LAT = 20.78 N ± 1.61km

LONG = 122.02 E ± 1.99km

DEPTH = 10 km ± 0.31km

STATIONS USED = 92, STAND DEV = 1.92s

Ms = 5.7 / 40, M_L = 4.4 / 9, m_B = 5.6 / 19

QZH	5.2	323	Pn	02 56 45.7	0.5		
			Sn	02 57 45.5	-2.0		
			SMN	M _L = 4.4	1.4	0.44	
			SME		1.1	0.44	
			LN	Ms = 5.2	10.0	24.4	
			LE		10.0	24.4	
GZH	8.4	287	-P	02 57 28.4	-3.0		
			S	02 58 59.5	-7.3		
			LN	Ms = 5.4	14.0	18.0	
			LE		13.0	29.4	
SSE	10.3	356	eP	02 57 57.0	-1.0		
			eS	02 59 52.0	-2.6		

				1985 6 29			
			LN	Ms=5.7	10.0	10.4	
SNY	21.0	3	eP	03 00 12.7	-0.8		O=03 52 46.2 ± 0.14s
			iS	03 04 08.0	5.1		LAT=20.63 N ± 2.43km
			SME	m _B =5.1	11.0	1.06	LONG=122.10 E ± 2.52km
			LE	Ms=5.6	12.0	9.79	DEPTH= 8 km ± 0.93km
HHC	21.9	338	+iP	03 00 23.2	0.7		STATIONS USED = 47, STAND DEV = 2.33s
			PP	03 00 49.2	2.3		Ms=4.7/11, M _L =3.8/6,
			S	03 04 15.0	-3.6		QZH 5.4 324 ePn 03 54 07.0 0.0
			LN	Ms=5.6	14.0	6.49	Sn 03 55 02.9 -8.4
			LE		14.0	8.54	SMN M _L =3.8 0.9 0.090
LZH	22.0	318	-P	03 00 25.0	1.1		SME 1.2 0.10
			PMZ	m _B =5.7	5.0	1.53	GZH 8.5 288 P 03 54 49.5 -3.1
			SMN	m _B =5.9	10.0	4.93	SMN M _L =4.3 1.2 0.090
			SS	03 04 59.0	-0.4		SME 1.2 0.060
			LN	Ms=5.9	10.0	16.5	SSE 10.5 356 eP 03 55 25.0 5.3
BTO	22.2	335	+P	03 00 25.0	-0.9		S 03 57 24.0 6.1
			PMZ	m _B =5.5	6.0	1.10	LN Ms=4.7 10.0 1.91
			PP	03 00 52.0	0.3		LE 10.0 2.57
			S	03 04 19.0	-6.0		QZN 11.6 264 P 03 55 35.2 -0.8
			SMN	m _B =5.6	12.0	1.80	eS 03 57 39.5 -7.9
			SME		12.0	2.10	LN Ms=4.5 13.0 1.50
			LN	Ms=6.1	13.0	17.1	LE 13.0 1.60
			LE		13.0	20.9	GYA 15.3 295 P 03 56 33.6 9.1
			LZ	Ms=6.0	13.0	21.4	TIA 16.1 345 eP 03 56 36.8 1.6
CN2	23.1	6	+P	03 00 34.4	-0.2		XAN 17.7 322 -P 03 56 56.1 0.5
			PMZ	m _B =5.3	5.0	0.60	eS 04 00 04.0 -7.5
			PP	03 01 13.0	8.8		LN Ms=4.5 11.0 0.90
			PPMZ		8.0	1.40	LE 13.0 0.67
			S	03 04 36.0	-5.1		KMI 18.4 288 eP 03 57 04.5 0.7
			SMN	m _B =5.6	9.0	1.70	S 04 00 26.0 0.5
			SME		9.0	1.50	LE Ms=4.4 12.0 0.84
			LN	Ms=5.9	13.0	11.4	TIY 19.0 336 P 03 57 10.4 -0.5
			LE		13.0	12.9	LN Ms=5.0 10.0 2.19
MDJ	24.6	13	+P	03 00 48.5	-0.2		LE 11.0 0.99
			S	03 05 02.0	-4.3		CD2 19.4 306 P 03 57 15.4 -0.4
			LN	Ms=5.8	15.0	15.3	BJI 20.0 347 eP 03 57 21.0 -1.5
GTA	26.6	319	-iP	03 01 07.7	-0.1		LN Ms=4.6 11.0 0.99
			LE	Ms=5.7	16.0	9.94	HHC 22.1 338 eP 03 57 44.0 0.3
LSA	29.2	294	eP	03 01 28.0	-4.0		LZH 22.2 318 eP 03 57 46.0 0.9
			LN	Ms=5.3	12.0	2.22	PMZ 2.0 0.060
			LE		12.0	1.81	BTO 22.4 335 eP 03 57 47.0 -0.2
WMQ	36.6	317	P	03 02 36.5	0.7		eS 04 01 42.0 -6.9
			PP	03 04 06.0	6.4		LN Ms=4.9 12.0 1.20
			eS	03 08 21.0	2.6		LE 12.0 1.10
			SMN	m _B =6.3	11.0	5.81	LZ Ms=4.7 12.0 1.00
			LN	Ms=5.8	11.0	5.81	CN2 23.3 6 -P 03 57 56.3 0.7
KSH	43.4	306	eP	03 03 35.0	2.6		MDJ 24.7 13 eP 03 58 06.0 -3.6
			S	03 09 59.0	-0.4		GTA 26.8 319 P 03 58 29.7 0.8
			LN	Ms=6.0	13.0	8.75	LSA 29.4 294 eP 03 58 54.0 1.3
							WMQ 36.8 317 eP 03 59 57.3 0.6

1985 6 29
 O = 05 54 42.6 ± 0.11s
 LAT = 38.34 N ± 1.25km
 LONG = 87.45 E ± 0.63km
 DEPTH = 10 km ± 0.03km
 STATIONS USED = 7, STAND DEV = 3.37s
 $M_L = 4.2 / 7,$

WMQ	5.5	2	Pn	05 56 07.6	2.9		
			Pg	05 56 24.6	5.4		
			Sn	05 57 10.0	0.2		
			Sg	05 57 35.2	1.1		
			SMN	$M_L = 4.1$	0.8	0.15	
			SME		0.8	0.18	
GTA	9.7	80	cP	05 57 05.5	-0.2		
			SMN		0.9	0.022	
			SME		0.9	0.011	

1985 6 29
 O = 08 34 32.7 ± 0.05s
 LAT = 1.37 N ± 0.87km
 LONG = 98.43 E ± 0.98km
 DEPTH = 75 km ± 0.43km
 STATIONS USED = 83, STAND DEV = 0.82s
 $M_s = 5.0 / 17,$ $m_B = 5.3 / 2$

QZN	20.8	32	eP	08 39 11.0	0.7		
			PP	08 39 33.5	-1.9		
			S	08 42 55.0	2.2		
			SS	08 43 30.5	1.7		
			LN	$M_s = 4.5$	12.0	0.80	
KMI	24.0	10	+iP	08 39 43.0	1.4		
			PMZ		2.0	0.47	
			SMN	$m_B = 5.4$	10.0	1.01	
GYA	26.2	17	P	08 40 02.0	-0.4		
			LN	$M_s = 5.0$	10.0	1.10	
			LE		10.0	1.11	
LSA	29.0	347	+P	08 40 28.1	-0.4		
			S	08 45 14.0	2.2		
			SME		2.0	0.28	
CD2	29.8	9	eP	08 40 34.0	-1.2		
			LN	$M_s = 5.2$	15.0	2.65	
WHN	32.7	26	P	08 41 00.4	-0.1		
XAN	33.9	16	+P	08 41 09.6	-1.7		
			S	08 46 30.0	0.9		
			ScP	08 47 26.0	1.5		
			LE	$M_s = 5.4$	8.0	1.69	
LZH	34.9	8	+P	08 41 18.5	-1.1		
			PMZ		2.0	0.20	
NJ2	36.1	30	eP	08 41 30.0	0.5		
			LZ	$M_s = 4.8$	22.0	1.20	

SSE	36.6	34	eP	08 41 35.0	1.4		
			cS	08 47 08.0	-2.4		
			LN	$M_s = 5.1$	18.0	1.53	
			LE			19.0	1.15
			LZ	$M_s = 5.2$	18.0	2.53	
GTA	37.9	2	+iP	08 41 44.5	-0.2		
			ScP	08 47 43.0	4.3		
TIY	38.4	18	eP	08 41 48.2	-0.7		
			LN	$M_s = 5.2$	16.0	1.21	
			LE			16.0	1.28
TIA	38.8	24	eP	08 41 50.8	-1.0		
BTO	40.4	14	P	08 42 06.7	0.9		
			S	08 48 15.0	7.2		
			LN	$M_s = 5.0$	13.0	0.70	
			LE			13.0	0.50
			LZ	$M_s = 5.0$	13.0	0.90	
HHC	41.1	15	+P	08 42 12.0	1.0		
BJI	41.7	21	eP	08 42 17.0	0.6		
			cS	08 48 30.0	2.0		
			SMN	$m_B = 5.1$	11.0	0.37	
			LN	$M_s = 4.5$	12.0	0.27	
DL2	43.0	27	-P	08 42 26.9	0.5		
KSH	43.1	334	P	08 42 29.0	1.4		
			eS	08 48 54.0	6.0		
WMQ	43.3	349	+P	08 42 30.0	0.4		
			PMZ			1.2	0.20
			ScP	08 48 05.7	5.6		
			S	08 48 50.5	0.1		
			SMN			2.5	0.090
			ScS	08 52 24.0	5.1		
SNY	46.2	26	+iP	08 42 52.0	-0.4		
			cS	08 49 28.0	-4.7		
			LN	$M_s = 5.0$	21.0	1.16	
CN2	48.6	26	+P	08 43 10.4	-0.8		
			pP	08 43 22.0	-7.3		
			PcP	08 44 35.5	0.1		
			S	08 50 08.0	2.5		
			LE	$M_s = 4.9$	13.0	0.50	
MDJ	51.1	28	eP	08 43 30.5	0.0		

1985 6 29
 O = 13 32 25.5 ± 0.08s
 LAT = 39.24 N ± 1.29km
 LONG = 75.09 E ± 1.18km
 DEPTH = 30 km ± 0.10km
 STATIONS USED = 51, STAND DEV = 1.69s
 $M_L = 4.8 / 6,$ $m_B = 4.9 / 1$

KSH	0.7	73	-iPn	13 32 41.5	1.2		
			Sn	13 32 52.0	0.4		
WMQ	10.5	60	+P	13 34 56.0	-1.3		

			S	13 36 49.0	-5.6			
			LG ₂	13 38 05.0	-6.7			
			LE			2.0	0.45	
LSA	16.3	121	eP	13 36 15.3	0.9			
			eS	13 39 16.0	1.7			
			SME	$m_B = 4.9$		4.0	0.29	
GTA	19.1	82	-iP	13 36 50.5	1.3			
LZH	22.9	89	eP	13 37 30.0	1.3			
CD2	24.8	101	eP	13 37 47.6	0.8			
BTO	26.7	76	P	13 38 05.6	0.9			
KMI	27.2	113	eP	13 38 08.0	-1.0			
XAN	27.5	90	eP	13 38 11.6	-0.5			
HHC	27.8	75	eP	13 38 12.5	-2.5			
TIY	29.1	81	eP	13 38 28.0	1.5			
BJI	31.5	75	eP	13 38 47.5	0.6			
WHN	33.1	93	eP	13 39 02.0	0.3			
SNY	36.6	70	eP	13 39 28.5	-2.4			

KSH	10.6	191	eP	02 41 41.0	2.3			
			eS	02 43 46.0	6.2			
GTA	18.3	117	-iP	02 43 18.5	-0.5			
			eS	02 46 38.5	-2.7			
			LE	$M_S = 4.6$		8.0	0.85	
LSA	22.3	150	+P	02 44 03.0	0.0			
LZH	22.9	118	+iP	02 44 09.0	0.4			
			PMZ			1.5	0.61	
			LE	$M_S = 4.7$		8.0	0.77	
BTO	23.8	101	+iP	02 44 18.5	1.0			
			LG ₂	02 52 14.0	6.8			
			LN	$M_S = 5.0$		9.0	0.80	
			LE			9.0	1.10	
			LZ	$M_S = 4.9$		9.0	1.20	
HHC	24.6	99	+P	02 44 26.2	0.4			
			eS	02 48 46.0	0.3			
			LE	$M_S = 5.1$		10.0	2.09	
CD2	26.7	126	+iP	02 44 46.0	0.9			
			PMZ			0.7	0.20	
TIY	27.0	104	eP	02 44 48.0	0.2			
			LN	$M_S = 4.8$		10.0	0.73	
			LE			8.0	0.44	
XAN	27.3	114	+iP	02 44 50.2	0.0			
			PcP	02 48 09.8	-0.1			
			LN	$M_S = 4.8$		10.0	0.84	
BJI	28.0	96	+P	02 44 57.5	0.4			
			LN	$M_S = 4.9$		11.0	0.74	
			LE			10.0	0.66	
TIA	30.9	102	+P	02 45 23.2	0.6			
			PcP	02 48 18.6	-0.4			
			eS	02 50 22.3	-4.5			
			LN	$M_S = 4.2$		25.0	0.38	
KMI	31.0	134	+P	02 45 23.0	-0.8			
GYA	31.8	127	+P	02 45 31.0	0.2			
			PMZ			1.2	0.67	
			PcP	02 48 21.8	0.4			
SNY	31.9	87	+iP	02 45 34.8	3.4			
CN2	32.1	83	+iP	02 45 33.1	-0.5			
			iPcP	02 48 21.6	-0.8			
			eS	02 50 45.0	-1.3			
			LE	$M_S = 4.0$		9.0	0.10	
DL2	32.2	93	P	02 45 34.2	0.2			
WHN	33.0	112	P	02 45 40.6	-0.3			
			PcP	02 48 24.5	-0.1			
MDJ	34.4	79	+iP	02 45 52.9	-0.4			
NJ2	34.7	106	+P	02 45 56.0	0.3			
			PcP	02 48 29.3	-0.2			
SSE	36.8	105	eP	02 46 14.0	0.5			
			PMZ			0.7	0.18	
GZH	38.1	122	+iP	02 46 25.0	0.6			

1985 6 29

O = 17 52 48.3 ± 0.09s
 LAT = 24.44 S ± 1.27km
 LONG = 176.52 W ± 1.47km
 DEPTH = 88 km ± 0.95km
 STATIONS USED = 38, STAND DEV = 1.16s

MDJ	84.5	325	eP	18 05 13.5	-0.1			
DL2	85.5	316	eP	18 05 19.0	0.4			
SNY	86.1	320	-P	18 05 21.7	0.3			
CN2	86.2	322	+P	18 05 21.6	-0.6			
TIA	86.9	312	eP	18 05 25.4	-0.1			
BJI	89.6	315	eP	18 05 38.0	-0.4			
GYA	89.8	299	P	18 05 41.0	1.8			
TIY	90.9	311	eP	18 05 45.4	0.9			
XAN	91.6	307	eP	18 05 48.0	0.4			
KMI	92.3	296	eP	18 05 48.0	-3.2			
HHC	93.1	314	-P	18 05 55.2	0.8			
BTO	94.0	313	eP	18 05 58.0	-0.5			
CD2	94.0	302	eP	18 06 01.4	2.6			

1985 6 30

O = 02 39 01.9 ± 0.08s
 LAT = 49.90 N ± 1.27km
 LONG = 78.67 E ± 1.14km
 DEPTH = 0 km ± 0.21km
 STATIONS USED = 96, STAND DEV = 1.33s
 $M_S = 4.9 / 14, M_L = 6.1 / 4,$

WMQ	8.7	131	+iP	02 41 13.0	1.2			
			S	02 42 50.0	-1.1			
			LG ₁	02 43 35.5	1.2			
			LG ₂	02 43 49.0	1.0			
			LN	$M_S = 5.5$		4.0	10.3	

QZN	39.6	130	+iP	02 46 37.8	0.7
QZH	39.6	114	-iP	02 46 37.5	0.1

1985 6 30

O = 08 39 30.6 ± 0.06s

LAT = 43.79 N ± 0.51km

LONG = 87.80 E ± 0.57km

DEPTH = 9 km ± 0.37km

STATIONS USED = 7, STAND DEV = 2.62s

 $M_L = 3.7 / 6,$

WMQ	0.1	294	+Pg	08 39 34.3	1.4
			Sg	08 39 37.9	3.5

1985 6 30

O = 18 29 48.3 ± 0.05s

LAT = 34.07 N ± 0.75km

LONG = 83.66 E ± 0.71km

DEPTH = 33 km ± 0.10km

STATIONS USED = 12, STAND DEV = 1.58s

LSA	7.7	122	-Pn	18 31 41.3	2.0
GTA	14.0	63	eP	18 33 08.2	1.3
XAN	20.9	83	eP	18 34 28.1	-2.7