

STATIONS USED = 51, STAND DEV = 1.07s							SMN $M_L = 3.6$						
$m_B = 5.6 / 1$							SME 1.0 0.070						
SSE	67.6	316	+P	05 02 47.0	-1.5		GYA	6.2	152	ePn	09 33 21.2	6.2	
NJ2	69.7	316	+P	05 03 00.0	-1.7					Sn	09 34 24.6	-3.2	
WHN	71.9	312	+P	05 03 15.6	0.9					SMN		$M_L = 3.8$	1.0 0.040
DL2	72.5	323	eP	05 03 18.1	-0.2					SME			1.0 0.080
MDJ	72.6	332	eP	05 03 18.0	-0.8								
TIA	73.4	318	P	05 03 23.1	-0.8								
SNY	73.4	326	eP	05 03 23.2	-0.8								
CN2	73.9	329	+iP	05 03 24.5	-2.2								
			PMZ			$m_B = 5.6$ 5.0 0.60							
			epP	05 04 15.0	-3.7								
			eS	05 12 32.0	-7.3								
GYA	75.4	305	P	05 03 35.0	-0.2								
BJI	76.4	321	eP	05 03 40.5	-0.3								
TIY	77.3	317	+P	05 03 46.4	0.4								
XAN	77.6	312	+iP	05 03 47.5	-0.1								
KMI	77.9	302	-P	05 03 50.0	0.9								
CD2	79.8	307	eP	05 03 59.4	0.2								
BTO	80.5	319	eP	05 04 03.3	0.1								
LZH	82.2	312	+iP	05 04 14.0	1.8								
			PMZ			1.5 0.080							
GTA	86.6	313	eP	05 04 34.3	0.2								
			pP	05 05 27.0	-0.4								
1985 2 1							1985 2 1						
O = 05 59 28.5 ± 0.05s							O = 11 13 19.3 ± 0.09s						
LAT = 42.75 N ± 0.21km							LAT = 5.67 S ± 1.09km						
LONG = 88.15 E ± 0.19km							LONG = 148.69 E ± 1.13km						
DEPTH = 7 km ± 0.47km							DEPTH = 170 km ± 0.56km						
STATIONS USED = 6, STAND DEV = 2.29s							STATIONS USED = 56, STAND DEV = 1.17s						
$M_L = 2.5 / 4,$													
WMQ	1.1	343	Pg	05 59 47.8	-0.8		SSE	45.0	326	-P	11 21 20.0	0.0	
			Sg	05 59 58.4	-5.4					PMZ			1.0 0.056
			SMN			$M_L = 2.2$ 0.4 0.050				pP	11 21 58.5	1.4	
			SME			0.4 0.040				S	11 27 48.0	3.6	
1985 2 1							1985 2 1						
O = 09 31 43.3 ± 0.03s							O = 16 42 19.0 ± 0.08s						
LAT = 31.98 N ± 0.27km							LAT = 22.17 N ± 0.79km						
LONG = 103.39 E ± 0.23km							LONG = 121.49 E ± 1.04km						
DEPTH = 14 km ± 0.10km							DEPTH = 31 km ± 0.22km						
STATIONS USED = 9, STAND DEV = 3.06s							STATIONS USED = 27, STAND DEV = 1.38s						
$M_L = 3.7 / 8,$							$M_s = 3.9 / 1, M_L = 4.4 / 13,$						
CD2	1.1	163	Pg	09 32 03.1	0.0		QZH	3.8	317	+iPn	16 43 16.9	0.7	
			Sg	09 32 18.0	-0.4					Pg	16 43 23.4	-3.3	
			SME			$M_L = 3.4$ 0.7 0.80				SMN		$M_L = 4.5$	0.3 1.18
XAN	5.1	65	ePn	09 33 01.9	2.4					SME			0.3 0.95
			Pg	09 33 14.5	1.5								
			Sg	09 34 21.6	-0.9		GZH	7.6	278	-Pn	16 44 10.0	2.3	

			S	04 44 46.0	2.2							LE	Ms = 5.2	20.0	1.14		
			LE	Ms = 5.6	14.0	3.60	WMQ	59.5	337	+iP	04 40 32.0	-0.8					
XAN	44.6	353	+P	04 38 41.0	-0.6							S	04 48 40.5	3.1			
			ePP	04 40 20.0	-6.8							ScS	04 50 18.0	2.1			
			S	04 45 16.0	1.7							LN	Ms = 5.3	20.0	1.48		
			LE	Ms = 5.5	18.0	3.38	KSH	61.5	326	+P	04 40 47.0	0.2					
LSA	46.1	331	+P	04 38 55.0	1.2							S	04 49 07.0	3.5			
			iS	04 45 37.0	-0.2							isS	04 49 18.0	-2.1			
			SMN	m _B = 5.8	6.0	0.84											
TIA	46.4	2	eP	04 38 54.3	-1.8												
			PcP	04 40 32.0	1.7												
			ePP	04 40 40.0	-4.6												
			eS	04 45 38.0	-3.4												
			SMN	m _B = 5.4	12.0	0.63											
			LN	Ms = 5.2	16.0	1.28											
LZH	47.5	348	+iP	04 39 05.5	1.1												
			PMZ		2.0	0.20	MDJ	13.0	280	eP	11 09 51.5	0.8					
			eS	04 45 57.0	0.6							pP	11 09 59.5	1.0			
			LE	Ms = 5.6	20.0	4.37						sP	11 10 06.0	1.9			
TIY	48.0	357	eP	04 39 07.3	-0.8							S	11 12 11.0	-2.9			
			S	04 46 03.5	1.6							LE	Ms = 5.2	16.0	10.5		
			LN	Ms = 5.4	14.0	0.96	CN2	16.0	278	+P	11 10 26.0	-4.3					
			LE		13.0	1.26						PMZ	m _B = 5.3	4.0	0.60		
DL2	49.5	7	eP	04 39 17.0	-2.6							pP	11 10 34.0	-4.5			
			S	04 46 22.0	-1.0							sP	11 10 39.0	-4.9			
			LN	Ms = 5.2	16.0	1.27						eS	11 13 18.0	-8.2			
BJI	50.2	1	eP	04 39 23.5	-2.0							LE	Ms = 5.2	17.0	8.40		
			eS	04 46 36.0	1.4							SNY	17.8	272	+iP	11 10 50.0	-2.0
			SMN	m _B = 5.3	10.0	0.43						eS	11 14 03.0	-2.9			
			LE	Ms = 5.3	17.0	1.53						LE	Ms = 5.1	20.0	6.49		
BTO	51.0	355	+iP	04 39 30.5	-0.9							DL2	20.1	265	+P	11 11 17.0	-2.3
			S	04 46 45.0	0.9							PMZ		20.0	1.06		
HHC	51.1	357	eP	04 39 32.5	0.0							S	11 14 52.5	-4.9			
			S	04 46 50.0	4.0							LN	Ms = 5.1	18.0	1.78		
			LN	Ms = 5.3	13.0	1.25						LE		20.0	4.74		
GTA	51.6	345	+iP	04 39 35.9	0.0							BJI	23.6	272	eP	11 11 55.0	0.3
			eS	04 46 55.6	1.9							PMZ	m _B = 5.4	5.0	0.85		
			ScS	04 49 24.4	4.8							eS	11 16 07.0	3.8			
			LE	Ms = 5.5	17.0	2.38						SMN	m _B = 5.3	8.0	0.69		
SNY	52.6	8	+P	04 39 41.4	-1.9							LN	Ms = 5.0	17.0	3.05		
			S	04 47 06.0	0.0							LZ	Ms = 5.2	20.0	5.42		
			LN	Ms = 5.3	18.0	1.37	SSE	24.4	248	+P	11 12 03.5	1.1					
			LE		18.0	0.68						PMZ	m _B = 5.8	5.0	1.82		
CN2	54.8	9	+P	04 39 57.0	-2.6							eS	11 16 16.0	-0.9			
			PMZ	m _B = 5.7	5.0	0.50						LN	Ms = 5.1	20.0	2.64		
			eS	04 47 32.0	-5.1							LE		20.0	2.67		
			SMN	m _B = 5.8	6.0	0.70	TIA	24.5	262	+P	11 12 03.1	0.2					
			LN	Ms = 5.4	15.0	1.40						S	11 16 25.0	8.0			
MDJ	56.4	12	eP	04 40 09.0	-1.8							SMN	m _B = 5.5	12.0	1.14		
			S	04 48 00.0	3.4							SME		11.0	1.16		

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GYA	47.8	65	P	00 52 24.4	-0.1
XAN	51.1	56	+P	00 52 48.8	-0.7
BTO	53.6	48	eP	00 53 08.8	0.4
BJI	58.0	50	-P	00 53 39.5	-0.6
TIA	58.1	55	eP	00 53 39.0	-1.7
NJ2	59.0	60	+P	00 53 46.4	-0.8
DL2	62.0	52	eP	00 54 07.0	-0.5
CN2	65.5	47	+P	00 54 29.2	-0.9

1985 2 3

O=02 40 13.2 ± 0.09s
 LAT=25.46 N ± 1.24km
 LONG= 94.53 E ± 0.93km
 DEPTH= 58 km ± 0.20km
 STATIONS USED = 46, STAND DEV= 1.63s

Ms=3.7/ 1, ML=4.2/ 5,

LSA	5.2	325	P	02 41 32.2	1.5		
			LE			0.8	0.19
KMI	7.4	91	+P	02 42 04.0	2.0		
			cS	02 43 25.0	0.3		
			LN			Ms=3.7	10.0 0.54
CD2	9.8	54	P	02 42 34.6	0.6		
GYA	11.0	82	P	02 42 50.4	0.2		
LZH	13.3	35	eP	02 43 19.5	-1.5		
GTA	14.6	16	eP	02 43 36.4	-1.9		
XAN	15.1	52	eP	02 43 42.8	-2.3		
WHN	18.2	69	eP	02 44 26.0	2.3		
WMQ	19.1	345	P	02 44 35.2	0.5		
BTO	19.9	37	eP	02 44 41.6	-1.0		
HHC	20.9	39	eP	02 44 53.8	0.6		
KSH	20.9	316	eP	02 44 55.2	1.7		
TIA	22.1	56	eP	02 45 03.6	-1.7		
BJI	23.2	46	P	02 45 17.0	0.9		

1985 2 3

O=03 02 10.0 ± 0.09s
 LAT=17.18 S ± 2.89km
 LONG=172.08 W ± 3.56km
 DEPTH= 32 km ± 0.14km
 STATIONS USED = 10, STAND DEV= 2.60s

m_B=5.4/ 1

TIA	85.3	310	eP	03 14 45.4	-0.7		
BJI	87.6	313	eP	03 14 56.5	-0.7		
			SMN			m _B =5.4	10.0 0.17
			SME				9.0 0.32
GYA	90.0	298	eP	03 15 09.4	0.7		

1985 2 3

O=03 57 52.6 ± 0.11s
 LAT=42.48 N ± 1.27km

LONG= 87.89 E ± 0.83km
 DEPTH= 5 km
 STATIONS USED = 6, STAND DEV= 4.99s

M_L=3.3/ 6,

WMQ	1.3	354	-iPg	03 58 13.3	-3.3		
			SMN			M _L =3.2	0.3 0.31
			SME				0.3 0.38

1985 2 3

O=04 50 54.6 ± 0.12s
 LAT=20.63 S ± 2.56km
 LONG=174.10 W ± 2.29km
 DEPTH= 54 km ± 0.36km
 STATIONS USED = 91, STAND DEV= 1.34s

Ms=5.7/ 17, m_B=6.3/ 18

QZH	79.6	302	+iP	05 02 58.0	-0.2		
			PMZ			m _B =6.2	5.0 1.83
			pP	05 03 14.0	1.8		
			S	05 12 54.0	1.2		
			LE			Ms=5.7	24.0 2.43
SSE	80.6	308	+P	05 03 03.0	-0.8		
			PMZ				1.0 0.067
			pP	05 03 20.0	2.2		
			LE			Ms=5.7	20.0 2.10
MDJ	82.8	323	eP	05 03 15.0	0.0		
			pP	05 03 31.0	1.9		
			S	05 13 19.0	-6.7		
			LE			Ms=5.6	35.0 3.22
NJ2	82.8	308	+iP	05 03 15.0	-0.2		
			PMZ			m _B =6.0	8.0 1.50
			S	05 13 19.0	-7.1		
			LE			Ms=5.6	20.0 1.80
GZH	83.0	298	+iP	05 03 17.5	1.3		
			PMZ			m _B =6.3	5.0 1.83
			pP	05 03 32.0	1.7		
			cS	05 13 25.0	-4.7		
QZN	84.3	293	+iP	05 03 23.5	0.9		
			PMZ			m _B =6.0	6.0 1.12
			pP	05 03 39.5	2.8		
			PP	05 06 43.0	5.0		
			S	05 13 45.0	4.3		
			PS	05 15 05.0			
			LE			Ms=5.7	22.0 2.28
DL2	84.4	315	+iP	05 03 22.0	-1.1		
			PMZ			m _B =6.3	5.0 1.77
			pP	05 03 39.0	1.8		
			S	05 13 33.0	-8.7		
			LN			Ms=5.8	20.0 2.44
CN2	84.7	321	+iP	05 03 24.7	0.0		
			PMZ			m _B =6.5	5.0 2.40

CD2	61.7	38	-P	14 56 29.9	-0.2		
			PMZ			1.2	0.070
WMQ	65.3	18	-P	14 56 53.5	-0.5		
LZH	65.6	34	+P	14 56 56.0	0.3		
GTA	66.2	29	-iP	14 56 59.0	-0.3		
XAN	67.0	39	-iP	14 57 04.2	-0.3		
WHN	68.2	45	-P	14 57 13.8	2.0		
TIY	71.6	38	P	14 57 33.2	0.4		
NJ2	72.1	46	+P	14 57 36.3	0.3		
BTO	72.2	35	-iP	14 57 36.8	0.2		
SSE	73.2	48	P	14 57 42.5	0.1		
TIA	73.5	42	P	14 57 43.6	-0.4		
BJI	75.3	38	cP	14 57 54.5	-0.1		
SNY	80.9	40	cP	14 58 25.2	0.1		
CN2	83.1	40	-P	14 58 35.0	-1.8		
MDJ	86.1	40	cP	14 58 50.0	-1.7		

CD2	1.7	42	Pg	05 33 57.0	3.1		
			Sg	05 34 22.2	4.7		
			SME			$M_L=4.4$	0.6 4.10
KMI	4.5	176	-Pn	05 34 34.5	2.2		
			cSn	05 35 27.0	0.2		
			LN			$M_s=3.2$	8.0 0.30
GYA	4.9	129	cPn	05 34 40.0	2.1		
			Pg	05 34 58.0	8.5		
			Sn	05 35 38.0	1.0		
			Sg	05 36 01.6	5.2		
			SMN			$M_L=3.9$	1.0 0.15
			SME				1.0 0.14
LZH	6.6	10	cPn	05 35 05.5	4.6		
			LE			$M_s=3.7$	12.0 0.90
XAN	7.1	50	-Pn	05 35 06.6	-1.2		
			Pg	05 35 34.3	6.3		
			Sn	05 36 28.4	-2.6		
			Sg	05 37 03.4	-1.3		
			SMN			$M_L=4.4$	1.0 0.16
			SME				1.0 0.19
WHN	10.4	82	cP	05 35 55.0	-1.0		

1985 2 3

O=16 23 28.8 ± 0.09s
 LAT=41.90 N ± 1.23km
 LONG= 83.16 E ± 0.89km
 DEPTH= 10 km ± 0.14km
 STATIONS USED = 10, STAND DEV = 3.10s
 $M_L=3.9/8,$

WMQ	3.8	59	Pn	16 24 31.0	2.5		
			Sg	16 25 28.6	-0.7		
			SMN			$M_L=4.9$	0.8 2.84
			SME				0.8 2.60
KSH	6.0	248	ePg	16 25 11.5	-3.1		

1985 2 3

O=21 12 14.5 ± 0.05s
 LAT=42.08 N ± 0.49km
 LONG= 84.56 E ± 0.40km
 DEPTH= 6 km ± 0.06km
 STATIONS USED = 8, STAND DEV = 1.63s
 $M_L=3.1/7,$

WMQ	2.9	52	cPn	21 13 03.0	1.6		
			Pg	21 13 07.0	1.6		
			Sg	21 13 44.4	-0.5		
			SMN			$M_L=4.1$	0.7 1.00
			SME				0.6 0.70

1985 2 4

O=05 33 23.1 ± 0.11s
 LAT=29.61 N ± 0.91km
 LONG=102.42 E ± 1.08km
 DEPTH= 4 km ± 0.26km
 STATIONS USED = 18, STAND DEV = 2.66s
 $M_s=3.4/2, M_L=3.9/11,$

1985 2 4

O=10 26 00.0 ± 0.07s
 LAT=24.80 S ± 0.66km
 LONG=179.53 E ± 0.60km
 DEPTH=526 km ± 0.98km
 STATIONS USED = 15, STAND DEV = 0.86s

MDJ	82.8	327	cP	10 37 30.0	-0.5		
WHN	83.2	308	+P	10 37 34.0	1.4		
CN2	84.3	324	-P	10 37 37.6	-0.7		
TIA	84.5	314	-P	10 37 39.4	0.2		
GYA	86.8	301	cP	10 37 50.4	0.1		
XAN	89.0	308	+P	10 38 01.0	0.8		
CD2	91.2	304	cP	10 38 11.8	1.2		
			PMZ				0.9 0.030

1985 2 4

O=10 50 26.8 ± 0.18s
 LAT= 3.58 S ± 1.61km
 LONG= 77.96 W ± 1.40km
 DEPTH=114 km ± 1.58km
 STATIONS USED = 32, STAND DEV = 1.76s

WMQ	138.0	16	cPKP	11 09 39.0	-0.3		
GTA	144.3	3	PKP	11 09 48.7	-1.7		
TIA	144.7	339	cPKP	11 09 48.8	-2.2		
NJ2	147.6	333	cPKP	11 09 56.0	0.1		
LZH	147.6	357	cPKP	11 09 57.0	0.9		
XAN	149.0	349	-PKP	11 10 02.6	4.3		
WHN	150.8	338	cPKP	11 10 00.0	-0.9		

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CD2	152.8	357	PKP	11 10 05.2	1.3
GYA	156.8	349	PKP	11 10 10.2	0.8
			PKP ₂	11 10 40.0	

1985 2 4

O=11 24 55.4 ± 0.11s
 LAT=28.83 S ± 1.29km
 LONG=178.98 W ± 0.87km
 DEPTH=312 km ± 1.07km

STATIONS USED = 24, STAND DEV = 1.36s

MDJ	86.8	326	eP	11 37 09.0	1.9
TIA	88.3	313	eP	11 37 14.2	0.4
CN2	88.4	323	-P	11 37 13.4	-0.9
BJI	91.2	316	eP	11 37 27.5	0.1
XAN	92.5	308	+P	11 37 34.4	0.9

1985 2 4

O=16 14 01.4 ± 0.16s
 LAT= 5.89 S ± 2.79km
 LONG=104.45 E ± 3.67km
 DEPTH= 34 km ± 0.26km

STATIONS USED = 28, STAND DEV = 3.18s

Ms=5.0/ 4,

QZN	25.3	12	P	16 19 32.5	5.5
KMI	30.9	357	eP	16 20 19.0	1.6
			eS	16 25 25.0	6.8
			LN	Ms=5.1	10.0 1.35
GYA	32.2	4	P	16 20 33.0	3.7
			LN	Ms=5.0	10.0 0.62
			LE		10.0 0.67
CD2	36.6	359	eP	16 21 08.1	1.5
XAN	39.9	6	eP	16 21 31.0	-3.5
			LN	Ms=4.8	10.0 0.43
LZH	41.8	359	e(P)	16 21 56.5	6.8
GTA	45.3	355	eP	16 22 14.9	-3.3
BJI	47.0	12	eP	16 22 36.5	5.2
WMQ	51.7	345	eP	16 23 06.7	-1.6
CN2	53.0	19	eP	16 23 16.5	-0.9
			eS	16 30 41.0	-2.3
			LE	Ms=5.0	14.0 0.60

1985 2 4

O=18 38 44.1 ± 0.07s
 LAT= 8.80 S ± 0.99km
 LONG=120.27 E ± 1.45km
 DEPTH=140 km ± 0.20km

STATIONS USED = 34, STAND DEV = 1.35s

QZN	29.5	340	P	18 44 38.4	0.7
GYA	37.5	340	P	18 45 46.6	0.5
KMI	37.8	334	-P	18 45 51.0	1.9

			pP	18 46 21.0	1.7
NJ2	40.6	358	eP	18 46 12.6	0.3
			pP	18 46 43.0	0.0
CD2	42.5	339	eP	18 46 28.2	0.3
			PMZ		0.9 0.060

XAN	43.9	346	-P	18 46 38.8	-0.5
			pP	18 47 09.0	-1.2
LZH	47.3	342	eP	18 47 05.5	-0.1
BJI	48.7	356	eP	18 47 16.0	-0.9
GTA	51.6	340	-iP	18 47 38.6	-0.1
CN2	52.6	5	eP	18 47 50.0	4.2
WMQ	60.1	333	P	18 48 38.0	-1.8

1985 2 4

O=23 16 20.8 ± 0.06s
 LAT= 2.07 S ± 0.78km
 LONG=139.20 E ± 1.12km
 DEPTH= 32 km ± 0.10km

STATIONS USED = 25, STAND DEV = 1.05s

NJ2	39.0	332	eP	23 23 46.6	0.0
GYA	42.3	314	P	23 24 15.0	1.1
TIA	43.3	334	-P	23 24 21.2	-0.5
XAN	45.8	324	-P	23 24 41.7	-0.5
BJI	46.9	336	eP	23 24 50.0	-0.5
CD2	47.0	317	eP	23 24 52.0	0.4
CN2	47.3	346	eP	23 24 51.8	-1.8
GTA	54.9	323	P	23 25 51.5	0.5
WMQ	64.8	321	+P	23 26 59.0	-0.4

1985 2 5

O=07 41 25.2 ± 0.18s
 LAT= 4.98 S ± 1.80km
 LONG=151.49 E ± 2.14km
 DEPTH=161 km ± 1.11km

STATIONS USED = 63, STAND DEV = 1.50s

QZH	43.7	314	+P	07 49 17.0	1.0
			pP	07 49 58.0	6.8
			S	07 55 33.0	0.5
SSE	46.1	323	P	07 49 36.0	0.8
			PcP	07 51 08.0	-0.6
			S	07 56 10.0	3.1
GZH	46.5	308	-iP	07 49 40.6	1.9
QZN	47.4	301	eP	07 49 46.0	0.2
NJ2	48.2	322	eP	07 49 50.0	-1.4
WHN	50.1	317	eP	07 50 07.0	0.9
TIA	52.1	325	eP	07 50 20.2	-1.1
			PcP	07 51 29.9	-0.5
MDJ	53.1	341	eP	07 50 26.5	-2.5
GYA	53.5	308	-P	07 50 32.0	0.5
			pP	07 51 11.0	3.2

CN2	53.9	337	+P	07 50 33.4	-1.4		
			pP	07 51 16.0	4.8		
			sP	07 51 33.6	4.3		
BJI	55.3	327	eP	07 50 43.5	-1.4		
XAN	55.9	317	+P	07 50 47.4	-1.4		
			pP	07 51 27.5	2.1		
KMI	56.0	305	+P	07 50 50.0	-0.1		
			pP	07 51 29.0	2.5		
			eS	07 58 25.0	0.5		
CD2	57.9	311	+P	07 51 02.5	-0.4		
			PMZ			0.8	0.070
BTO	59.2	324	eP	07 51 11.0	-1.1		
LZH	60.5	317	eP	07 51 20.5	-0.4		
GTA	64.9	318	+iP	07 51 50.0	-0.3		
WMQ	75.0	318	+iP	07 52 51.0	-0.4		
KSH	82.0	311	eP	07 53 31.0	1.3		

1985 2 5

O=08 28 56.5 ± 0.43s
 LAT= 5.50 S ± 1.89km
 LONG=103.33 E ± 0.90km
 DEPTH= 61 km ± 3.66km
 STATIONS USED = 20, STAND DEV= 1.99s

GYA	31.9	6	eP	08 35 23.8	4.7		
CD2	36.2	1	eP	08 35 55.0	-0.8		
XAN	39.7	7	eP	08 36 23.6	-1.1		
GTA	44.8	356	-iP	08 37 11.9	5.2		
WMQ	51.1	345	+iP	08 37 54.5	-1.1		
CN2	53.0	20	-P	08 38 08.0	-1.7		

1985 2 5

O=09 37 22.4 ± 0.06s
 LAT=24.87 N ± 0.93km
 LONG=122.11 E ± 0.65km
 DEPTH= 79 km ± 1.43km
 STATIONS USED = 22, STAND DEV= 1.41s

$M_L=4.1/8,$

QZH	3.2	272	-iP	09 38 10.6	-1.2		
			S	09 38 44.1	-4.7		
			SMN	$M_L=3.7$		0.3	0.36
			SME			0.3	0.19
SSE	6.3	353	P	09 38 53.5	-0.6		
			SMN	$M_L=3.7$		1.0	0.046
NJ2	7.7	339	eP	09 39 12.8	-1.4		
			eS	09 40 38.0	-2.6		
GZH	8.2	259	eP	09 39 23.0	1.9		
			SMN	$M_L=4.5$		1.0	0.11
			SME			1.0	0.11
WHN	8.9	311	eP	09 39 32.0	1.6		
TIA	12.1	340	P	09 40 16.3	2.8		

GYA	14.0	280	P	09 40 40.6	1.6		
XAN	14.7	312	-P	09 40 48.0	0.7		
CD2	17.3	294	eP	09 41 20.0	-0.4		

1985 2 5

O=11 48 18.9 ± 0.10s
 LAT= 4.93 N ± 2.13km
 LONG= 78.34 W ± 1.99km
 DEPTH= 26 km ± 0.53km
 STATIONS USED = 26, STAND DEV= 1.98s

WMQ	129.9	13	PKP	12 07 28.5	1.0		
GTA	135.8	2	ePKP	12 07 39.8	1.1		
XAN	140.6	350	ePKP	12 07 47.8	0.4		
CD2	144.3	357	PKP	12 07 54.0	0.3		
GYA	148.4	351	PKP	12 08 02.6	1.9		
KMI	150.1	358	ePKP	12 08 04.0	0.5		

1985 2 5

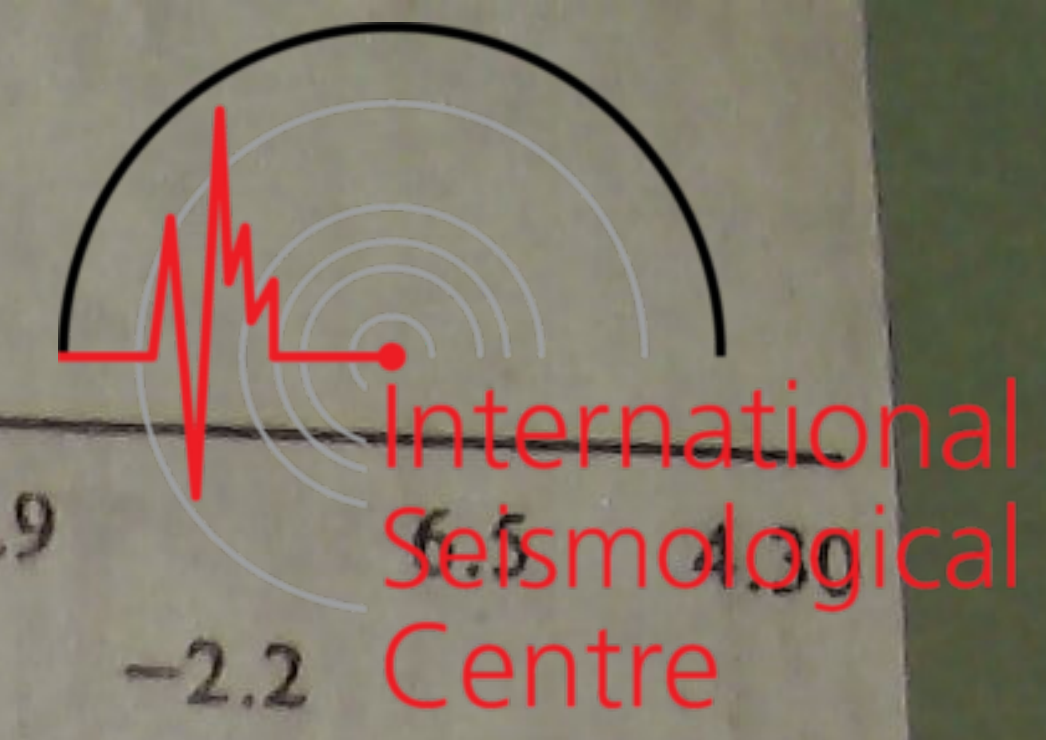
O=15 07 23.5 ± 0.14s
 LAT=20.64 S ± 0.31km
 LONG=177.72 W ± 1.61km
 DEPTH=549 km ± 1.55km
 STATIONS USED = 49, STAND DEV= 1.92s

$m_B=5.3/1$

QZH	76.7	303	+iP	15 18 19.6	-0.5		
GZH	80.0	299	-P	15 18 38.4	0.7		
NJ2	80.2	310	-P	15 18 38.3	-0.2		
MDJ	80.8	325	eP	15 18 41.3	-0.4		
QZN	81.1	294	eP	15 18 45.7	2.1		
SNY	82.5	320	+P	15 18 49.8	-0.5		
CN2	82.6	322	-P	15 18 49.5	-1.3		
			PMZ			3.0	0.30
			epP	15 20 53.0	4.5		
			SME	$m_B=5.3$		5.0	0.30
WHN	82.7	306	eP	15 18 51.0	-0.6		
TIA	83.6	312	-P	15 18 55.1	-0.7		
BJI	86.2	315	eP	15 19 07.0	-1.4		
GYA	86.9	300	P	15 19 12.4	0.2		
			pP	15 21 15.0	3.8		
			S	15 28 57.0	-6.0		
TIY	87.6	312	eP	15 19 15.5	0.4		
XAN	88.4	307	-P	15 19 19.4	0.3		
KMI	89.6	297	-P	15 19 25.5	0.6		
			PP	15 23 01.0	-7.3		
CD2	91.1	303	eP	15 19 32.4	1.0		

1985 2 5

O=17 04 34.8 ± 0.08s
 LAT=29.72 N ± 1.54km
 LONG=129.66 E ± 1.36km



DEPTH = 176 km ± 0.96km
STATIONS USED = 34, STAND DEV = 1.74s

SSE	7.4	283	+P	17 06 20.5	-1.4
NJ2	9.6	287	eP	17 06 45.4	-4.4
TIA	12.3	305	-P	17 07 26.4	0.5
SNY	13.0	339	+P	17 07 35.2	0.5
WHN	13.3	277	P	17 07 42.5	4.8
CN2	14.4	348	+P	17 07 55.5	3.1
			sP	17 08 31.0	-7.1
BJI	15.1	317	eP	17 08 00.5	0.0
TIY	16.4	304	P	17 08 17.8	1.4
XAN	18.1	289	+P	17 08 34.6	-1.9
BTO	19.3	309	eP	17 08 48.0	-1.1
GYA	20.5	266	P	17 09 02.2	0.9
CD2	22.4	280	+P	17 09 20.0	0.7
LZH	22.5	293	eP	17 09 21.0	-0.1
GTA	26.3	300	eP	17 09 56.0	-0.5

1985 2 5

O = 22 19 08.2 ± 0.07s
LAT = 39.83 N ± 1.23km
LONG = 49.08 E ± 0.82km
DEPTH = 34 km ± 0.16km
STATIONS USED = 25, STAND DEV = 1.16s

KSH	20.7	82	P	22 23 48.4	0.0
WMQ	28.9	69	+P	22 25 06.5	0.1
GTA	38.7	74	P	22 26 31.9	1.1
CD2	44.9	84	eP	22 27 22.2	0.5
KMI	46.9	91	+iP	22 27 38.0	-0.1
XAN	47.4	77	+P	22 27 41.9	0.1
GYA	49.3	87	P	22 27 55.6	-0.6
CN2	55.2	59	eP	22 28 39.5	-0.7

1985 2 5

O = 23 47 41.1 ± 0.09s
LAT = 24.23 N ± 1.64km
LONG = 122.52 E ± 1.17km
DEPTH = 55 km ± 1.34km
STATIONS USED = 70, STAND DEV = 1.91s

Ms = 4.7 / 21, ML = 4.6 / 11,

QZH	3.6	282	-iP	23 48 35.6	-1.1
			sP	23 48 51.0	-1.5
			S	23 49 15.4	-2.1
			SMN	ML = 4.0	0.2 0.47
			SME		0.2 0.28
			LN	Ms = 4.6	4.0 5.62
SSE	6.9	350	+P	23 49 21.5	-1.3
			LE	Ms = 4.6	6.0 3.19
NJ2	8.4	338	-iP	23 49 41.8	-1.7
			iS	23 51 15.6	-1.5

GZH	8.5	264	eP	23 49 42.0	-2.2
			S	23 51 09.3	-8.9
			LN	Ms = 4.7	6.0 2.84
WHN	9.6	313	eP	23 49 58.0	-1.5
			LN	Ms = 4.9	7.0 4.25
TIA	12.8	340	eP	23 50 41.4	-1.6
			eS	23 53 10.0	6.0
			LN	Ms = 4.7	6.5 0.62
			LE		7.0 1.34
QZN	12.9	249	eP	23 50 43.0	-0.7
GYA	14.5	282	P	23 51 06.0	0.8
			sP	23 51 24.0	2.2
			S	23 53 42.0	-1.8
			LN	Ms = 4.8	10.0 1.80
			LE		10.0 1.40
DL2	14.7	357	P	23 51 11.0	4.0
			S	23 53 55.0	7.9
XAN	15.4	313	eP	23 51 17.4	1.1
			pP	23 51 30.0	4.0
			eS	23 54 10.0	5.4
			LN	Ms = 5.1	8.0 3.11
			LE		8.0 1.44
TIY	16.0	330	P	23 51 28.8	4.8
			LE	Ms = 4.6	11.0 1.30
BJI	16.6	343	eP	23 51 34.0	1.6
			LN	Ms = 4.3	12.0 0.65
SNY	17.6	3	+iP	23 51 45.3	1.3
			S	23 54 55.0	0.6
CD2	17.9	296	+P	23 51 49.2	1.0
			LN	Ms = 5.0	7.0 1.70
KMI	18.0	277	eP	23 51 50.0	0.4
			PP	23 52 06.0	2.0
			eS	23 55 06.0	0.9
			LE	Ms = 4.7	12.0 1.68
HHC	18.9	334	+P	23 52 03.0	2.3
			eS	23 55 25.0	-1.0
			LN	Ms = 4.5	8.0 0.58
BTO	19.4	330	eP	23 52 06.0	0.2
			S	23 55 35.0	-0.1
			LN	Ms = 4.8	7.0 0.70
			LE		7.0 0.70
			LZ	Ms = 4.6	7.0 0.70
CN2	19.7	6	+P	23 52 06.2	-2.3
			pP	23 52 22.5	2.5
			eS	23 55 36.0	-5.9
			LN	Ms = 4.5	11.0 0.80
LZH	20.0	311	+P	23 52 13.0	1.0
			LE	Ms = 4.7	7.0 0.76
MDJ	21.1	14	eP	23 52 22.5	-1.4

GTA	24.4	314	+P	23 52 56.6	0.3		
			S	23 57 07.0	-1.3		
WMQ	34.5	313	-P	23 54 26.6	0.0		
			PMZ			1.5	0.040
			eS	23 59 53.5	3.3		
			ScP	24 00 41.5	2.8		
KSH	41.9	303	eP	23 55 30.0	1.7		

1985 2 6

O=12 25 42.2 ± 0.09s

LAT= 4.47 S ± 0.95km

LONG=144.10 E ± 1.15km

DEPTH=124 km ± 0.44km

STATIONS USED = 37, STAND DEV= 1.15s

SSE	41.6	330	-P	12 33 20.7	1.0		
			PMZ			1.0	0.040
			epP	12 33 51.7	4.2		
NJ2	43.5	328	-P	12 33 37.0	1.4		
			eS	12 39 54.0	-1.0		
			LE			15.0	4.40
WHN	45.0	323	eP	12 33 48.6	1.6		
GYA	47.5	312	P	12 34 09.0	1.7		
SNY	49.7	340	eP	12 34 24.1	-0.1		
XAN	50.7	322	eP	12 34 31.3	-0.3		
CN2	50.9	343	eP	12 34 32.0	-1.2		
BJI	51.2	333	eP	12 34 34.5	-0.8		
CD2	52.2	315	P	12 34 43.5	0.9		
			PMZ			1.4	0.020
BTO	54.6	328	eP	12 35 01.4	0.3		
GTA	59.7	321	+P	12 35 37.0	0.1		
WMQ	69.8	320	-P	12 36 41.5	-0.2		

1985 2 6

O=13 29 44.9 ± 0.06s

LAT=44.04 N ± 1.96km

LONG=149.26 E ± 1.42km

DEPTH= 10 km ± 0.55km

STATIONS USED = 84, STAND DEV= 1.18s

Ms=5.3/ 28, m_B=5.5/ 4

MDJ	14.1	279	-P	13 33 06.0	-1.1		
			eS	13 35 40.0	-4.7		
			LN			Ms=5.2	16.0 8.98
CN2	17.1	277	-P	13 33 43.8	-2.7		
			PMZ				3.0 0.70
			eS	13 36 48.0	-8.2		
			LN			Ms=5.4	14.0 9.30
SNY	18.9	272	+iP	13 34 08.3	-0.1		
			PP	13 34 28.0	3.9		
			eS	13 37 41.0	4.8		
			LN			Ms=5.2	13.0 2.55

			LE			13.5	4.07
DL2	21.3	266	+P	13 34 34.0	-0.1		
			S	13 38 23.0	-2.1		
			LN			Ms=5.2	15.0 2.67
			LE				15.0 3.26
BJI	24.8	272	eP	13 35 09.0	0.3		
			ePP	13 35 44.0	-0.7		
			PMZ			m _B =5.6	5.0 1.06
			eS	13 39 29.0	0.4		
			SMN				14.0 1.83
			SME				13.0 2.22
			LE			Ms=5.2	16.0 3.86
			LZ			Ms=5.2	17.0 4.50
SSE	25.6	249	P	13 35 17.0	0.8		
			PMZ				1.2 0.090
			PP	13 35 58.0	3.0		
			S	13 39 40.0	-1.1		
			LN			Ms=5.5	18.0 7.51
			LZ			Ms=5.3	18.0 5.53
TIA	25.7	263	+P	13 35 17.0	0.0		
			PMZ			m _B =5.5	7.0 0.73
			S	13 39 48.0	5.7		
			SMN				14.0 1.35
			SME				14.0 1.62
			SMZ				14.0 1.39
			LN			Ms=5.1	13.0 1.16
			LE				13.0 2.08
			LZ			Ms=5.0	13.0 1.96
HHC	27.8	277	eP	13 35 38.0	0.9		
			eS	13 40 19.2	0.3		
			LN			Ms=5.3	12.0 1.25
			LE				13.0 3.10
TIY	28.4	270	P	13 35 42.0	0.1		
			S	13 40 30.0	3.4		
			LE			Ms=5.2	14.0 2.57
BTO	29.0	277	+iP	13 35 47.9	0.1		
			S	13 40 37.0	0.0		
			LN			Ms=5.5	15.0 3.10
			LE				15.0 4.20
			LZ			Ms=5.4	15.0 4.40
WHN	30.6	256	-P	13 36 02.0	0.1		
			eS	13 41 04.0	0.9		
			SMN			m _B =5.7	6.0 1.00
			LN			Ms=5.5	16.0 3.80
			LE				18.0 4.47
QZH	31.4	243	+P	13 36 08.0	-0.6		
			S	13 41 15.0	0.7		
			LN			Ms=5.3	16.0 1.74
			LE				16.0 2.96
XAN	32.6	266	P	13 36 18.7	-0.6		

LAT = 10.35 S \pm 0.91km
 LONG = 165.04 E \pm 2.13km
 DEPTH = 34 km \pm 0.23km
 STATIONS USED = 20, STAND DEV = 1.27s

MDJ	63.4	332	eP	14 24 00.0	-1.0
CN2	64.8	329	-P	14 24 08.4	-1.6
BJI	67.5	321	eP	14 24 26.5	-0.8
XAN	69.1	312	eP	14 24 36.8	-0.7
CD2	71.6	307	eP	14 24 53.0	0.4
LZH	73.8	312	eP	14 25 07.0	1.5
GTA	78.1	314	P	14 25 31.2	1.3
WMQ	88.1	315	eP	14 26 20.0	-1.3

1985 2 8

O = 01 02 01.9 \pm 0.08s
 LAT = 34.59 N \pm 0.81km
 LONG = 135.38 E \pm 1.04km
 DEPTH = 387 km \pm 0.56km
 STATIONS USED = 20, STAND DEV = 1.06s

DL2	11.8	295	eP	01 04 45.0	2.4
CN2	12.0	323	eP	01 04 44.0	-0.3
NJ2	14.0	264	+P	01 05 06.8	-0.7
TIA	15.0	281	eP	01 05 17.0	-0.3
WHN	18.2	263	eP	01 05 51.0	1.1
XAN	21.8	276	-P	01 06 25.7	0.1
CD2	26.8	271	eP	01 07 10.0	-0.6

1985 2 8

O = 03 06 22.3 \pm 0.12s
 LAT = 51.24 N \pm 3.92km
 LONG = 178.21 W \pm 2.34km
 DEPTH = 29 km \pm 1.23km
 STATIONS USED = 28, STAND DEV = 1.88s

BJI	45.8	283	eP	03 14 43.5	0.0
TIA	47.5	278	P	03 14 57.5	-0.1
BTO	49.2	287	eP	03 15 11.7	1.4
WHN	53.0	274	P	03 15 39.0	-0.4
XAN	54.1	281	eP	03 15 46.0	-1.0
LZH	55.8	287	eP	03 16 00.5	0.8
GTA	56.0	292	-iP	03 16 01.7	0.7
CD2	59.4	282	P	03 16 22.8	-2.1
GYA	60.7	277	P	03 16 33.8	-0.4

1985 2 8

O = 04 32 45.5 \pm 0.09s
 LAT = 46.82 N \pm 3.07km
 LONG = 152.93 E \pm 1.83km
 DEPTH = 37 km \pm 1.16km
 STATIONS USED = 60, STAND DEV = 1.06s
 Ms = 4.5 / 8,

MDJ	16.4	271	eP	04 36 35.6	0.4
			eS	04 39 40.0	4.3
			LE	Ms = 4.1	25.0 1.03
CN2	19.5	271	+P	04 37 10.8	-2.0
			eS	04 40 40.0	-5.8
			LE	Ms = 4.5	14.0 0.90
SNY	21.5	267	eP	04 37 32.0	-1.6
			eS	04 41 23.0	-2.0
			LE	Ms = 4.4	16.0 0.77
BJI	27.4	269	eP	04 38 30.5	1.0
			LE	Ms = 4.6	16.0 0.86
TIA	28.6	261	P	04 38 40.6	-0.2
			LE	Ms = 4.5	17.0 0.67
SSE	29.0	249	eP	04 38 44.3	-0.1
			LN	Ms = 4.6	24.0 1.24
NJ2	29.9	253	-P	04 38 52.0	-0.3
			LE	Ms = 4.5	14.0 0.50
TIY	31.0	268	eP	04 39 03.0	0.5
BTO	31.3	274	eP	04 39 03.9	-1.3
WHN	33.8	255	P	04 39 26.6	-0.1
XAN	35.4	265	+P	04 39 39.7	-0.6
LZH	37.8	272	eP	04 40 00.5	0.1
GTA	38.8	279	eP	04 40 09.6	0.3
			LE	Ms = 4.5	13.0 0.32
GZH	39.6	247	+P	04 40 16.0	0.8
CD2	40.8	265	+iP	04 40 25.7	0.5
			PMZ		0.9 0.18
GYA	41.6	257	+P	04 40 32.4	0.2
KMI	45.1	259	+P	04 41 01.0	0.1

1985 2 8

O = 13 00 40.3 \pm 0.12s
 LAT = 39.81 N \pm 1.41km
 LONG = 122.42 E \pm 1.67km
 DEPTH = 13 km
 STATIONS USED = 14, STAND DEV = 4.13s

				Ms = 3.6 / 17,	
DL2	1.1	215	-iPg	13 00 57.2	-2.5
			Sg	13 01 11.4	-3.3
			SMN	Ms = 3.6	0.3 1.24
			SME		0.3 1.24
SNY	2.2	23	+iPn	13 01 18.6	1.5
			Sn	13 01 41.0	-5.0
			Sg	13 01 47.8	-1.6
			SMN	Ms = 3.7	0.8 0.72
			SME		0.6 0.30
CN2	4.6	29	Pn	13 01 50.0	0.1
			Pg	13 02 05.8	4.5
			Sn	13 02 44.6	-0.5
			Sg	13 03 02.0	-2.0

			SMN	$M_L=3.9$	1.0	0.16	WMQ	45.3	291	eP	13 42 23.0	-1.2
			SME		1.0	0.22	KMI	46.0	260	+P	13 42 30.0	0.2
TIA	5.5	231	ePg	13 02 20.1	2.3					pP	13 42 39.0	0.5
			eSg	13 03 30.4	-2.6					eS	13 49 10.0	-2.7
			SMN	$M_L=3.0$	0.6	0.020	LSA	50.9	273	+P	13 43 09.4	1.4
			SME		0.4	0.010						
			SMZ	$M_L=3.3$	0.8	0.020						
1985 2 8												
O = 13 34 06.6 ± 0.06s												
LAT = 47.38 N ± 1.93km												
LONG = 154.08 E ± 1.35km												
DEPTH = 30 km ± 0.36km												
STATIONS USED = 61, STAND DEV = 1.06s												
$M_s=4.6/ .9,$												
MDJ	17.2	270	eP	13 38 06.4	-0.3							
			eS	13 41 25.0	9.0							
			LE	$M_s=4.5$	15.0	1.33						
CN2	20.3	270	eP	13 38 40.0	-3.0							
			LN	$M_s=4.5$	14.0	0.90						
SNY	22.3	267	eP	13 39 03.1	-0.4							
			eS	13 43 00.0	-2.5							
			LN	$M_s=4.7$	14.0	0.78						
			LE		16.0	1.16						
BJI	28.1	269	eP	13 39 58.0	-0.6							
			LN	$M_s=4.6$	16.0	0.77						
TIA	29.5	261	P	13 40 10.4	0.0							
			eS	13 45 07.5	5.8							
			LN	$M_s=4.7$	16.0	0.59						
			LE		16.0	0.71						
			LZ	$M_s=4.8$	16.0	1.29						
SSE	29.9	249	eP	13 40 15.0	0.4							
			eS	13 45 08.0	-1.2							
NJ2	30.8	253	-P	13 40 22.6	0.2							
			LZ	$M_s=4.6$	14.0	0.58						
HHC	30.9	274	eP	13 40 24.3	0.9							
TIY	31.8	268	P	13 40 32.4	0.9							
			LE	$M_s=4.3$	15.0	0.32						
BTO	32.1	274	eP	13 40 33.8	0.2							
WHN	34.7	255	+iP	13 40 56.4	0.0							
XAN	36.2	265	+P	13 41 09.2	-0.1							
			LN	$M_s=4.9$	14.0	0.68						
			LE		14.0	0.62						
LZH	38.5	272	+P	13 41 29.1	0.4							
			PMZ		1.5	0.10						
GTA	39.5	279	-iP	13 41 37.8	0.9							
			PcP	13 43 45.2	1.2							
CD2	41.6	265	+iP	13 41 54.9	1.0							
			PMZ		1.0	0.030						
GYA	42.5	258	+P	13 42 02.0	0.6							
1985 2 8												
O = 17 30 09.4 ± 0.11s												
LAT = 37.01 N ± 1.45km												
LONG = 71.61 E ± 1.28km												
DEPTH = 118 km ± 0.52km												
STATIONS USED = 13, STAND DEV = 2.61s												
$M_L=4.2/ 1,$												
KSH	4.2	53	eP	17 31 15.5	2.2							
WMQ	14.0	56	eP	17 33 22.5	-1.5							
			S	17 35 52.5	-3.8							
			SMN		2.5	0.030						
GTA	22.3	75	eP	17 35 00.0	2.2							
1985 2 8												
O = 18 04 34.9 ± 0.08s												
LAT = 36.20 N ± 1.28km												
LONG = 71.25 E ± 1.07km												
DEPTH = 101 km ± 0.49km												
STATIONS USED = 19, STAND DEV = 3.38s												
$M_L=4.6/ 1,$												
KSH	5.0	48	eP	18 05 52.0	3.4							
			S	18 06 44.0	-0.8							
			LN		5.0	1.35						
WMQ	14.7	54	eP	18 07 57.5	-1.6							
			S	18 10 37.5	-1.9							
			SMN		1.5	0.020						
LSA	17.9	106	eP	18 08 37.9	-1.4							
GTA	22.8	73	eP	18 09 31.4	1.9							
1985 2 8												
O = 19 32 19.5 ± 0.07s												
LAT = 44.16 N ± 1.83km												
LONG = 149.20 E ± 1.14km												
DEPTH = 29 km ± 0.83km												
STATIONS USED = 77, STAND DEV = 1.20s												
$M_s=5.0/ 23,$												
$m_B=5.3/ 1$												
MDJ	14.0	279	eP	19 35 38.0	-0.8							
			eS	19 38 12.0	-2.7							
			LE	$M_s=4.7$	15.0	3.20						
CN2	17.1	277	eP	19 36 15.8	-2.4							
			eS	19 39 20.0	-6.1							
			LN	$M_s=5.0$	13.0	3.70						
SNY	18.9	272	+P	19 36 39.4	-0.8							
			S	19 40 08.0	2.4							

			LN	Ms=4.9	16.0	0.93	KMI	42.1	259	+P	19 40 11.0	0.0		
			LE		17.0	2.75				eS	19 46 29.0	0.5		
DL2	21.2	265	eP	19 37 05.0	-0.8					LN	Ms=4.8	16.0	0.71	
			eS	19 40 53.0	-2.6		WMQ	43.3	292	+iP	19 40 22.0	0.8		
			LN	Ms=4.9	14.0	1.35				S	19 46 48.5	2.8		
			LE		14.0	1.65				LZ	Ms=5.2	22.0	2.30	
BJI	24.8	272	eP	19 37 40.0	-0.2		LSA	47.7	273	P	19 40 56.5	0.4		
			PMZ	m _B =5.3	5.0	0.53	KSH	53.1	292	+P	19 41 39.0	1.6		
			eS	19 42 03.0	4.9					PP	19 43 43.0	5.1		
			SMN		13.0	0.39				LN	Ms=5.5	15.0	1.85	
			SME		14.0	0.93								
			LE	Ms=4.9	17.0	2.21								
			LZ	Ms=5.0	17.0	2.60								
SSE	25.6	249	P	19 37 49.0	0.8									
			ePP	19 38 26.0	-1.4									
			LZ	Ms=5.2	16.0	3.62								
TIA	25.6	263	+P	19 37 48.0	-0.7									
			LN	Ms=4.7	15.0	0.60								
			LE		15.0	0.96	KSH	2.4	245	Pn	21 22 29.0	0.7		
			LZ	Ms=4.8	15.0	1.37				Sn	21 23 01.2	1.2		
NJ2	26.6	253	+P	19 37 57.0	-0.6					SMN	M _L =3.9	0.4	0.62	
			LN	Ms=4.9	14.0	1.70				SME		0.6	0.95	
TIY	28.3	270	eP	19 38 13.9	0.4									
			S	19 43 01.0	5.0									
			LN	Ms=4.7	16.0	1.08								
BTO	29.0	277	+iP	19 38 19.2	0.0									
			LN	Ms=5.1	13.0	1.30								
			LE		13.0	1.50								
			LZ	Ms=5.0	15.0	1.80								
WHN	30.6	255	eP	19 38 33.4	-0.2									
			LN	Ms=5.2	15.0	1.83	WMQ	6.4	190	Pn	23 42 06.5	-0.2		
			LE		18.0	2.15				LE	Ms=4.9	7.0	7.76	
QZH	31.4	243	eP	19 38 44.0	3.4		GTA	13.1	141	eP	23 43 36.8	-4.6		
			eS	19 43 49.0	3.7					LE	Ms=4.7	9.0	2.10	
			LE	Ms=5.0	16.0	1.59	KSH	14.1	226	eP	23 43 56.0	0.8		
XAN	32.6	266	P	19 38 50.0	-0.9					LE	Ms=4.9	10.0	3.30	
LZH	35.2	273	+iP	19 39 14.5	0.4		BJI	21.5	108	eP	23 45 24.5	1.7		
			PMZ		1.5	0.30				LN	Ms=4.8	13.0	1.41	
			LN	Ms=5.1	14.0	1.67				LE		12.0	0.78	
GZH	36.1	246	P	19 39 22.0	0.7		XAN	21.6	130	eP	23 45 23.2	-1.4		
			eS	19 45 06.0	7.5					LN	Ms=4.7	10.0	0.87	
			LE	Ms=5.0	15.0	1.11	CD2	22.1	145	eP	23 45 30.2	1.2		
GTA	36.7	280	+iP	19 39 27.3	1.0		SNY	25.1	96	eP	23 46 01.4	2.6		
			eS	19 45 03.0	-4.7		KMI	27.1	152	eP	23 46 20.0	3.1		
			LE	Ms=5.2	13.0	1.69	GYA	27.2	144	eP	23 46 22.0	4.2		
CD2	37.9	265	+iP	19 39 36.6	0.1									
			PMZ		1.0	0.16								
			eS	19 45 32.0	5.7									
			LN	Ms=5.0	16.0	1.23								
GYA	38.5	257	+P	19 39 40.8	-0.3									

1985 2 8
 O=21 21 47.8 ± 0.07s
 LAT=40.51 N ± 0.82km
 LONG= 78.81 E ± 0.97km
 DEPTH= 6 km ± 0.14km
 STATIONS USED = 7, STAND DEV = 2.86s
 M_L=3.7/ 4,

1985 2 8
 O=23 40 34.9 ± 0.13s
 LAT=50.09 N ± 2.03km
 LONG= 89.15 E ± 2.01km
 DEPTH= 33 km ± 0.51km
 STATIONS USED = 30, STAND DEV = 2.84s
 Ms=4.8/ 7, M_L=5.1/ 4,

1985 2 9
 O=13 12 53.7 ± 0.11s
 LAT=18.39 N ± 1.51km
 LONG= 96.13 E ± 1.27km

DEPTH = 35 km ± 0.25km					1985 2 9						
STATIONS USED = 48, STAND DEV = 1.48s					O = 15 54 45.1 ± 0.05s						
Ms = 5.1 / 13,					LAT = 27.69 N ± 0.98km						
					LONG = 140.30 E ± 1.18km						
					DEPTH = 343 km ± 0.46km						
					STATIONS USED = 38, STAND DEV = 0.97s						
KMI	9.1	41	+P	13 15 07.5	1.7	NJ2	19.1	288	eP	15 58 44.0	-0.9
			eS	13 16 48.5	0.5	SNY	19.6	320	+P	15 58 50.5	0.3
			LN	Ms = 4.6	8.0 2.69	CN2	20.0	327	+P	15 58 55.5	1.3
LSA	12.1	339	P	13 15 46.7	-1.1	TIA	21.4	299	P	15 59 07.5	0.2
GYA	12.6	49	P	13 15 53.6	-0.2	WHN	22.8	283	eP	15 59 21.5	0.6
			S	13 18 13.0	-0.5	BJI	23.4	308	eP	15 59 25.0	-1.5
			LN	Ms = 5.3	7.0 4.10	XAN	27.6	291	-P	16 00 03.4	-0.9
			LE		7.0 4.30	GYA	29.9	276	P	16 00 24.4	-0.4
QZN	13.0	85	eP	13 16 01.8	2.8	KMI	33.7	274	eP	16 00 56.5	-0.4
			LN	Ms = 5.1	12.0 6.70	GTA	35.4	300	-iP	16 01 11.3	-0.5
			LE		12.0 2.80						
CD2	14.3	28	eP	13 16 14.9	-0.5						
			LE	Ms = 5.1	6.0 2.76						
GZH	16.8	71	eP	13 16 48.0	0.5						
			LN	Ms = 5.5	12.0 9.70						
			LE		12.0 2.30						
LZH	18.9	20	+iP	13 17 15.0	0.7						
			LN	Ms = 5.2	13.0 3.21						
			LE		13.0 3.67						
XAN	19.3	34	eP	13 17 16.8	-2.2						
			eS	13 20 49.0	-0.7						
			LN	Ms = 4.9	10.0 0.87						
			LE		8.0 1.28						
WHN	20.5	50	eP	13 17 29.5	-2.0						
			LN	Ms = 5.0	13.0 2.63						
GTA	21.2	8	P	13 17 38.1	-0.7						
			LE	Ms = 4.6	12.0 1.04						
TIY	24.0	33	P	13 18 06.2	0.1						
			PMZ		0.8 0.070						
			S	13 22 11.5	-5.3						
			LN	Ms = 4.9	9.0 0.77						
			LE		8.0 0.78						
NJ2	24.6	52	+P	13 18 12.0	0.0						
			LN	Ms = 5.2	9.0 1.20						
			LE		9.0 2.00						
BTO	25.2	25	eP	13 18 18.0	0.4						
TIA	25.7	42	P	13 18 21.2	-1.1						
			LN	Ms = 5.2	13.0 1.16						
			LE		19.0 3.97						
HHC	26.0	27	eP	13 18 27.0	1.2						
WMQ	26.3	346	eP	13 18 29.5	0.9						
			PMZ		1.5 0.080						
			S	13 22 54.8	-1.5						
CN2	35.3	38	eP	13 19 51.5	3.4						
			eS	13 25 23.0	3.6						
			LN	Ms = 5.0	13.0 1.00						



SNY	17.8	272	eP	22 17 31.6	0.9		
BJI	23.7	272	eP	22 18 32.5	-0.5		
TIA	24.5	262	P	22 18 41.2	0.0		
NJ2	25.5	252	+P	22 18 50.4	0.1		
			LZ	Ms=4.3	18.0	0.52	
HHC	26.8	276	eP	22 19 03.2	1.0		
TIY	27.3	269	eP	22 19 07.2	0.4		
BTO	28.0	277	P	22 19 13.7	0.6		
WHN	29.5	255	+P	22 19 26.6	-0.1		
XAN	31.5	265	eP	22 19 43.1	-1.2		
GTA	35.7	280	P	22 20 21.1	0.3		
CD2	36.8	265	P	22 20 30.6	0.3		
			PMZ		1.0	0.070	
GYA	37.3	256	P	22 20 34.8	0.1		
KMI	40.9	258	+P	22 21 05.0	0.3		
WMQ	42.4	292	-P	22 21 17.5	0.6		
KSH	52.2	292	eP	22 22 34.5	0.9		

1985 2 10

O=03 27 06.9 ± 0.05s
 LAT=49.95 N ± 0.89km
 LONG= 78.78 E ± 0.75km
 DEPTH= 1 km ± 0.13km
 STATIONS USED = 76, STAND DEV = 0.97s
 Ms=4.9 / 7,

WMQ	8.6	132	-iP	03 29 15.8	-0.6		
			S	03 30 51.0	-4.4		
			LG ₁	03 31 40.0	1.4		
			LG ₂	03 31 52.0	-0.3		
			LN	Ms=5.2	9.0	14.0	
KSH	10.7	192	eP	03 29 46.0	1.5		
GTA	18.2	117	-iP	03 31 22.9	-0.5		
			LG ₁	03 36 44.5	4.9		
			LN	Ms=5.0	6.0	1.10	
			LE		6.0	1.20	
LSA	22.3	151	eP	03 32 08.2	0.2		
LZH	22.8	118	+iP	03 32 14.0	0.9		
			PMZ		1.5	0.71	
			LE	Ms=4.8	11.0	1.14	
CD2	26.7	126	+iP	03 32 50.8	1.0		
TIY	26.9	104	P	03 32 53.0	0.8		
			LN	Ms=4.9	11.0	1.05	
XAN	27.2	114	+iP	03 32 54.7	0.0		
BJI	28.0	96	P	03 33 01.5	0.0		
			LN	Ms=5.1	12.0	1.37	
			LE		12.0	1.40	
TIA	30.8	102	+P	03 33 27.8	0.8		
			PcP	03 36 23.4	-0.3		
SNY	31.8	87	+iP	03 33 35.2	-0.5		
CN2	32.1	83	+iP	03 33 37.0	-0.9		

			PcP	03 36 26.0	-1.0		
WHN	32.9	113	+iP	03 33 45.6	0.2		
			PMZ			0.6	0.25
MDJ	34.3	79	+P	03 33 57.0	-0.6		
NJ2	34.6	106	+P	03 34 00.4	0.3		
			PcP	03 36 33.6	-0.6		
			LZ	M _s =4.8	13.0	0.70	
SSE	36.7	105	+iP	03 34 18.0	0.0		
GZH	38.0	122	+iP	03 34 29.6	0.5		
QZN	39.6	130	+iP	03 34 42.4	0.6		
QZH	39.6	114	eP	03 34 42.0	0.0		

1985 2 10

O=04 49 20.1 ± 0.29s
 LAT=39.24 N ± 2.94km
 LONG=118.02 E ± 0.58km
 DEPTH= 15 km
 STATIONS USED = 5, STAND DEV = 2.45s
 M_L=3.1 / 5,

BJI	1.6	300	ePg	04 49 48.5	-0.6		
			eSg	04 50 09.5	-2.0		
			SMN	M _L =3.6	0.5	0.89	
			SME		0.5	0.50	

1985 2 10

O=04 53 12.7 ± 0.11s
 LAT=39.22 N ± 1.09km
 LONG=118.00 E ± 0.96km
 DEPTH= 6 km ± 0.12km
 STATIONS USED = 14, STAND DEV = 2.68s
 M_L=3.4 / 14,

BJI	1.6	301	ePn	04 53 41.0	-1.3		
			eSg	04 54 02.0	-1.9		
			SMN	M _L =3.8	0.5	1.43	
			SME		0.5	0.84	
DL2	2.8	95	ePg	04 54 06.6	3.7		
TIA	3.1	193	Pn	04 54 04.0	1.7		
			Pg	04 54 11.6	4.4		
			Sn	04 54 43.2	1.7		
			Sg	04 54 54.0	4.6		
			SMN	M _L =3.6	0.6	0.44	
			SME		0.6	0.041	
			SMZ	M _L =3.0	0.6	0.037	
TIY	4.6	253	ePn	04 54 25.4	1.9		
			Pg	04 54 37.4	3.1		
			Sg	04 55 44.0	6.4		
			SMN	M _L =3.3	0.6	0.050	
			SME		0.7	0.050	
SNY	5.0	57	ePg	04 54 41.8	1.1		
			Sg	04 55 45.1	-3.7		

1985 2 10
 O=14 36 21.8 ± 0.08s
 LAT= 3.94 N ± 0.74km
 LONG=126.52 E ± 1.20km
 DEPTH= 81 km ± 0.90km

STATIONS USED = 35, STAND DEV = 1.08s

WHN	28.9	338	P	14 42 15.5	0.5
TIA	33.3	346	P	14 42 53.2	-0.7
XAN	34.1	333	eP	14 43 00.0	-1.4
CD2	34.4	324	eP	14 43 03.1	-0.1
TIY	36.0	341	eP	14 43 16.6	-0.7
BJI	37.1	347	eP	14 43 26.0	-0.7
SNY	37.8	356	+P	14 43 34.3	1.9
LZH	38.2	330	+P	14 43 36.0	0.0
CN2	39.7	359	eP	14 43 48.2	0.0
GTA	42.8	329	+P	14 44 14.6	0.8
WMQ	52.4	325	P	14 45 28.5	-0.4

1985 2 10
 O=17 45 57.0 ± 0.08s
 LAT= 0.92 S ± 1.41km
 LONG=119.87 E ± 1.23km
 DEPTH=105 km ± 0.25km

STATIONS USED = 14, STAND DEV = 1.46s

CD2	35.2	336	P	17 52 43.6	0.5
XAN	36.3	345	eP	17 52 51.7	-0.7
BJI	40.9	356	eP	17 53 32.0	1.2
GTA	44.1	338	P	17 53 59.1	1.7
WMQ	53.0	331	eP	17 55 07.0	1.1

1985 2 10
 O=19 41 01.1 ± 0.09s
 LAT=29.43 N ± 1.24km
 LONG=142.07 E ± 1.88km
 DEPTH= 40 km ± 0.51km

STATIONS USED = 38, STAND DEV = 1.47s
 Ms=4.2/ 3,

MDJ	18.1	330	eP	19 45 11.2	-0.3
SSE	18.1	280	eP	19 45 10.0	-1.6
		LN		Ms=4.5	12.0 0.90
CN2	19.5	322	eP	19 45 26.5	-1.8
NJ2	20.1	283	eP	19 45 35.0	0.4
		LZ		Ms=4.2	18.0 0.60
QZH	21.3	264	eP	19 45 45.0	-2.2
		eS		19 49 42.0	5.1
		LE		Ms=4.2	20.0 0.56
BJI	23.7	303	P	19 46 10.5	0.2
WHN	24.0	280	eP	19 46 14.5	1.0
TIY	26.0	296	eP	19 46 33.2	1.0
BTO	28.4	302	eP	19 46 54.4	0.2

XAN	28.5	288	eP	19 46 54.2	-1.0
GYA	31.3	273	P	19 47 20.2	-0.5
CD2	33.0	282	eP	19 47 35.5	0.0
GTA	36.0	298	P	19 48 00.0	-0.6
WMQ	45.2	304	eP	19 49 17.5	1.1

1985 2 10
 O=22 20 50.5 ± 0.67s
 LAT=21.33 N ± 4.91km
 LONG=100.51 E ± 1.76km
 DEPTH= 8 km

STATIONS USED = 5, STAND DEV = 3.52s

KMI	4.3	28	ePg	22 22 08.0	1.2
		SMN			3.0 0.15
		SME			1.7 0.13

1985 2 11
 O=00 13 53.7 ± 0.16s
 LAT=16.86 N ± 1.54km
 LONG= 94.86 W ± 1.18km
 DEPTH= 87 km ± 1.69km

STATIONS USED = 30, STAND DEV = 1.60s

WMQ	119.6	358	ePKP	00 32 37.5	3.0
GTA	122.4	347	ePKP	00 32 37.4	-2.6
XAN	124.5	336	ePKP	00 32 43.5	-0.6
CD2	129.2	339	ePKP	00 32 51.0	-2.2

1985 2 11
 O=04 29 56.5 ± 0.06s
 LAT= 1.10 N ± 0.61km
 LONG= 98.90 E ± 0.48km
 DEPTH=100 km ± 0.67km

STATIONS USED = 28, STAND DEV = 0.89s

LSA	29.4	346	eP	04 35 53.4	0.3
CD2	30.0	8	eP	04 35 57.6	-0.6
GTA	38.1	1	P	04 37 08.1	0.1
BJI	41.8	20	eP	04 37 39.5	1.3
WMQ	43.7	348	-P	04 37 54.0	0.4
SNY	46.2	26	+P	04 38 14.1	0.4
CN2	48.6	26	-P	04 38 31.8	-0.7

1985 2 11
 O=06 01 57.6 ± 0.09s
 LAT=44.19 N ± 3.35km
 LONG=149.25 E ± 1.82km
 DEPTH= 36 km ± 0.90km

STATIONS USED = 31, STAND DEV = 2.04s

MDJ	14.1	279	eP	06 05 15.0	-1.7
CN2	17.1	277	eP	06 05 53.0	-3.0
SNY	18.9	272	-P	06 06 17.3	-0.7

February, 1985



BJI	24.8	272	eP	06 07 16.5	-1.3
TIA	25.7	263	+P	06 07 26.4	0.1
XAN	32.6	266	eP	06 08 26.5	-1.9
LZH	35.3	273	+iP	06 08 51.0	-0.5
CD2	38.0	265	eP	06 09 14.0	0.0
WMQ	43.3	292	P	06 09 58.8	0.3

1985 2 11

O=07 39 32.2 ± 0.07s
 LAT= 4.66 N ± 2.44km
 LONG= 32.56 W ± 1.45km
 DEPTH= 9 km ± 0.11km
 STATIONS USED = 29, STAND DEV= 1.37s

BJI	127.0	30	PKP	07 58 38.5	0.5
XAN	127.1	40	ePKP	07 58 38.4	0.2
KMI	127.5	53	ePKP	07 58 41.0	1.9
CN2	127.9	20	ePKP	07 58 39.0	-0.7
GYA	129.9	50	PKP	07 58 47.0	3.4
TIA	130.4	32	ePKP	07 58 46.2	1.6

1985 2 11

O=08 25 46.3 ± 0.11s
 LAT= 6.02 S ± 0.94km
 LONG=104.87 E ± 0.68km
 DEPTH= 82 km ± 1.22km
 STATIONS USED = 15, STAND DEV= 1.36s

GTA	45.4	355	+iP	08 34 01.7	2.3
WMQ	52.0	344	P	08 34 49.9	0.0
CN2	53.0	19	eP	08 34 56.0	-1.1

1985 2 11

O=12 43 23.9 ± 0.08s
 LAT=37.50 N ± 1.55km
 LONG= 72.15 E ± 1.23km
 DEPTH=188 km ± 0.83km
 STATIONS USED = 31, STAND DEV= 1.91s

KSH	3.6	56	iP	12 44 23.0	1.9
			iS	12 45 06.5	1.6
WMQ	13.4	57	eP	12 46 28.0	0.2
			PMZ		1.0 0.010
			sP	12 47 19.5	4.5
			S	12 48 51.6	-0.6
			SMN		2.5 0.11
			ScS	12 58 30.0	-1.9
LSA	17.6	111	eP	12 47 22.0	2.4
GTA	21.7	76	-iP	12 48 02.2	1.0
			pP	12 48 39.3	6.1
CD2	26.9	95	P	12 48 50.8	1.2
BTO	29.4	72	eP	12 49 13.1	0.5
XAN	29.9	85	eP	12 49 16.4	-0.5

GYA	31.1	101	P	12 49 21.8	-5.7
TIA	35.8	78	eP	12 50 07.8	0.8
CN2	40.3	64	eP	12 50 45.5	0.4

1985 2 11

O=17 31 58.1 ± 0.07s
 LAT=44.23 N ± 1.99km
 LONG=149.05 E ± 1.23km
 DEPTH= 31 km ± 0.85km
 STATIONS USED = 45, STAND DEV= 1.23s
 Ms=4.4 / 4,

MDJ	13.9	278	eP	17 35 15.7	0.2
CN2	17.0	277	P	17 35 53.3	-1.7
			eS	17 38 58.0	-3.7
			LN	Ms=4.3	13.0 0.80
SNY	18.8	272	-P	17 36 17.4	0.3
			eS	17 39 43.0	1.0
			LE	Ms=4.3	19.0 0.85
DL2	21.1	265	eP	17 36 43.0	0.0
BJI	24.6	272	eP	17 37 18.0	0.6
SSE	25.5	249	eP	17 37 24.0	-1.8
			LZ	Ms=4.4	16.0 0.58
TIA	25.5	263	-P	17 37 26.1	0.1
NJ2	26.5	253	eP	17 37 35.6	0.4
			LZ	Ms=4.4	16.0 0.60
BTO	28.9	277	-iP	17 37 57.0	0.6
XAN	32.5	266	eP	17 38 27.6	-0.7
LZH	35.1	272	+iP	17 38 52.0	0.6
			PMZ		1.5 0.080
GTA	36.6	280	+iP	17 39 04.9	1.4
CD2	37.8	265	P	17 39 14.4	0.5
GYA	38.4	257	P	17 39 18.6	0.0
KMI	42.0	259	+P	17 39 48.0	-0.5
WMQ	43.2	292	+P	17 39 59.7	1.3
			PMZ		1.2 0.69
			S	17 46 22.0	0.1

1985 2 11

O=18 59 51.9 ± 0.11s
 LAT=58.29 N ± 0.86km
 LONG=154.70 W ± 0.54km
 DEPTH= 94 km ± 0.80km
 STATIONS USED = 29, STAND DEV= 0.95s

CN2	49.2	290	+P	19 08 32.6	-0.6
SNY	51.6	289	eP	19 08 51.6	0.3
BJI	56.6	293	P	19 09 27.5	-0.4
NJ2	61.6	285	eP	19 10 01.5	-0.5
XAN	64.9	294	eP	19 10 23.4	-0.7
WMQ	65.9	315	eP	19 10 30.8	0.3
CD2	69.9	296	P	19 10 55.7	0.1

GYA 72.2 291 P 19 11 09.6 0.1
LSA 76.7 305 P 19 11 36.9 1.4

1985 2 11

O=19 38 56.7 ± 0.04s

LAT=40.37 N ± 0.41km

LONG=114.80 E ± 0.33km

DEPTH= 3 km ± 0.00km

STATIONS USED = 8, STAND DEV = 1.29s

 $M_L=3.0/10,$

BJI 1.1 107 ePg 19 39 15.0 -1.2
eSg 19 39 30.0 -1.3

SMN $M_L=3.7$ 0.5 1.49

SME 0.5 1.34

HHC 2.5 282 Pg 19 39 41.6 0.4
Sg 19 40 13.8 -1.6

SMN $M_L=3.2$ 0.6 0.090

SME 0.6 0.19

BTO 3.7 275 ePg 19 40 01.1 -0.4
eSg 19 40 47.6 -3.6

SMN $M_L=3.0$ 0.5 0.040

SME 0.5 0.030

SMZ $M_L=3.5$ 0.5 0.080

1985 2 11

O=20 36 31.0 ± 0.10s

LAT=54.00 N ± 0.57km

LONG=170.10 W ± 0.45km

DEPTH=241 km ± 0.85km

STATIONS USED = 39, STAND DEV = 0.66s

CN2 42.2 283 -iP 20 44 02.0 -0.2

SNY 44.5 282 eP 20 44 21.4 0.8

BJI 49.9 286 eP 20 45 02.5 0.1

TIA 52.0 281 eP 20 45 17.7 -0.2

BTO 53.0 290 eP 20 45 26.0 0.5

SSE 53.2 274 eP 20 45 26.8 -0.3

XAN 58.2 285 eP 20 46 02.4 -0.4

GTA 59.4 296 iP 20 46 10.5 -0.2

WMQ 62.2 307 -P 20 46 30.5 0.8

CD2 63.5 287 P 20 46 38.8 0.8

GYA 65.2 281 P 20 46 49.2 0.2

KMI 68.5 283 eP 20 47 09.5 -0.2

1985 2 12

O=00 25 04.2 ± 0.10s

LAT=33.10 N ± 1.14km

LONG= 96.45 E ± 1.29km

DEPTH= 13 km ± 0.06km

STATIONS USED = 30, STAND DEV = 2.76s

 $M_s=3.9/2, M_L=3.8/3,$

LSA 5.7 235 ePn 00 26 33.5 4.6
LZH 6.8 62 ePn 00 26 45.0 1.0
SMN 2.0 0.12

GTA 6.9 22 Pn 00 26 47.7 2.7
LG₂ 00 28 43.0 -7.4

LE $M_s=3.8$ 10.0 0.88

KMI 9.7 144 eP 00 27 22.5 -4.0

eS 00 29 09.0 -7.1

LN $M_s=3.9$ 7.0 0.44

XAN 10.4 81 eP 00 27 35.0 -2.1

GYA 11.1 124 eP 00 27 48.2 2.6

WMQ 12.7 330 eP 00 28 08.5 0.7

WHN 15.4 95 eP 00 28 45.5 2.0

TIA 17.3 74 eP 00 29 06.0 -1.2

CN2 25.0 56 eP 00 30 27.2 -2.1

1985 2 12

O=04 21 22.9 ± 0.07s

LAT=37.89 N ± 0.61km

LONG=102.19 E ± 0.72km

DEPTH= 5 km ± 0.29km

STATIONS USED = 6, STAND DEV = 3.23s

 $M_L=3.1/6,$

LZH 2.2 143 ePg 04 22 00.5 -2.2

Sg 04 22 29.0 -4.1

SMN $M_L=3.6$ 1.0 0.46

SME 1.0 0.34

GTA 2.4 310 ePn 04 22 05.7 2.4

Pg 04 22 07.3 2.1

Sg 04 22 37.3 -0.7

SMN $M_L=2.8$ 1.6 0.064

SME 0.6 0.059

1985 2 12

O=07 06 22.9 ± 0.08s

LAT=26.86 N ± 0.67km

LONG=102.73 E ± 0.78km

DEPTH= 13 km ± 0.31km

STATIONS USED = 6, STAND DEV = 3.76s

 $M_L=2.8/6,$

KMI 1.7 179 -Pg 07 06 55.5 1.7

Sg 07 07 12.0 -5.1

SMN $M_L=3.1$ 1.0 0.30

SME 1.0 0.11

GYA 3.5 96 ePn 07 07 20.2 1.9

Sg 07 08 13.0 -1.1

SMN $M_L=2.4$ 1.0 0.010

SME 1.0 0.010

CD2 4.1 12 Pn 07 07 27.4 1.0

Sg 07 08 32.4 -0.2



Sg	12 40 51.1	-1.8		
1985 2 13				
O = 17 58 26.4	± 0.12s			
LAT = 51.29 N	± 2.99km			
LONG = 179.83 W	± 1.52km			
DEPTH = 44 km	± 0.18km			
STATIONS USED = 79, STAND DEV = 1.44s				
Ms = 5.1 / 19,		mb = 5.7 / 3		
MDJ	33.9 279	eP	18 05 07.4	-0.7
		sP	18 05 25.0	1.0
		PP	18 06 23.0	1.3
		eS	18 10 30.0	1.2
		LE	Ms = 5.1	20.0 2.40
CN2	36.9 280	+P	18 05 32.5	-0.9
		PMZ	mb = 5.8	4.0 0.60
		eS	18 11 14.0	-0.9
		LN	Ms = 5.1	15.0 1.40
		LE		15.0 0.90
SNY	39.2 279	+P	18 05 52.8	0.8
		PP	18 07 16.5	-9.5
		eS	18 11 51.5	2.9
		LN	Ms = 5.0	15.0 1.00
DL2	42.1 277	eP	18 06 16.0	0.0
		eS	18 12 33.0	1.1
		LN	Ms = 4.9	16.0 0.89
BJI	44.8 282	eP	18 06 38.5	0.6
		PMZ	mb = 5.7	4.0 0.43
		eS	18 13 16.0	4.8
		SMN	mb = 5.2	8.0 0.33
		LN	Ms = 5.2	18.0 1.62
TIA	46.5 277	+P	18 06 52.0	0.0
		eS	18 13 40.0	3.4
		SMN		22.0 0.68
		SME		20.0 0.59
		ScS	18 16 42.0	2.6
		LN	Ms = 5.1	36.0 1.58
		LE		30.0 1.26
HHC	47.1 285	+P	18 06 58.0	1.5
		eS	18 13 44.0	-0.7
		LN	Ms = 5.4	17.0 1.40
		LE		17.0 1.80
SSE	47.3 268	eP	18 06 59.5	1.1
		eS	18 13 52.0	3.9
		ScS	18 16 48.0	3.3
		SS	18 17 16.0	7.4
		LN	Ms = 5.1	20.0 1.23
NJ2	48.2 271	eP	18 07 04.3	-0.5
		S	18 14 02.0	3.3
		LZ	Ms = 5.0	22.0 1.00

BTO	48.2 286	+iP	18 07 06.0	1.0
		PP	18 08 59.0	3.1
		S	18 14 06.5	7.7
		LN	Ms = 5.3	15.0 1.40
		LE		15.0 0.80
		LZ	Ms = 5.2	15.0 1.20
TIY	48.5 281	eP	18 07 08.3	0.9
		S	18 14 11.0	7.8
		LN	Ms = 5.1	22.0 1.37
WHN	52.0 273	-P	18 07 34.4	0.2
		eS	18 14 57.0	3.9
		LN	Ms = 5.2	20.0 1.43
XAN	53.0 280	P	18 07 41.3	-0.6
		sP	18 07 59.5	1.4
QZH	53.3 265	eP	18 07 48.0	4.3
		pP	18 07 57.0	1.8
		eS	18 15 16.0	5.5
		LN	Ms = 4.9	18.0 0.68
LZH	54.8 286	+P	18 07 55.5	0.6
		PMZ		2.0 0.17
		LE	Ms = 5.6	17.0 2.70
GTA	55.0 291	+iP	18 07 51.5	-4.9
		ScP	18 12 53.9	4.2
		S	18 15 29.0	-3.4
		ScS	18 17 38.0	1.0
		LN	Ms = 5.4	16.0 1.70
CD2	58.4 281	P	18 08 20.4	0.2
		S	18 16 20.0	3.3
		LZ	Ms = 5.1	20.0 1.00
WMQ	58.8 302	+P	18 08 23.5	-0.2
		PMZ		1.5 0.15
		PcP	18 09 10.5	-1.0
		PP	18 10 33.0	-1.6
		S	18 16 30.0	6.9
		ScS	18 18 11.5	6.6
GYA	59.7 275	P	18 08 29.0	-0.5
		S	18 16 35.0	1.0
KMI	63.1 277	eP	18 08 52.0	-0.7
		PP	18 11 11.0	-0.8
		S	18 17 22.0	4.8
		LN	Ms = 5.2	18.0 0.98
QZN	63.1 267	P	18 08 53.4	0.9
		S	18 17 25.0	7.6
LSA	66.9 289	+P	18 09 19.0	1.9
		S	18 18 10.5	7.1
KSH	68.1 306	-iP	18 09 27.0	2.5
		eS	18 18 25.0	5.4
		LE	Ms = 5.4	16.0 1.20

1985 2 13

O=20 58 26.3 ± 0.12s
 LAT= 1.40 N ± 1.94km
 LONG=128.38 E ± 3.67km
 DEPTH= 33 km ± 0.15km
 STATIONS USED = 12, STAND DEV= 2.22s

KMI	34.2	316	eP	21 05 13.5	2.1
CD2	37.5	324	P	21 05 42.0	2.8
BJI	40.0	345	eP	21 06 00.0	-0.3
LZH	41.3	329	eP	21 06 13.0	1.7
CN2	42.3	357	eP	21 06 18.5	-0.5
GTA	45.9	329	eP	21 06 44.1	-4.4
WMQ	55.6	325	eP	21 08 02.0	0.4

1985 2 13
 O=23 30 37.5 ± 0.14s
 LAT= 6.00 S ± 1.02km
 LONG=130.75 E ± 1.35km
 DEPTH= 84 km ± 1.64km
 STATIONS USED = 11, STAND DEV= 2.66s

XAN	44.9	334	eP	23 38 45.5	-0.1
BJI	47.7	345	eP	23 39 09.0	0.7
CN2	49.8	355	eP	23 39 24.3	0.1
GTA	53.5	330	+P	23 39 52.8	0.8
WMQ	63.0	326	P	23 40 52.8	-5.5

1985 2 14
 O=00 05 12.7 ± 0.07s
 LAT=40.77 N ± 0.58km
 LONG= 79.16 E ± 0.83km
 DEPTH= 15 km
 STATIONS USED = 5, STAND DEV= 4.22s
 M_L=3.4 / 4,

KSH	2.8	243	ePn	00 05 59.0	1.8
			eSn	00 06 39.0	6.9
			LE		5.0 0.70

1985 2 14
 O=00 47 44.7 ± 0.17s
 LAT= 6.91 N ± 2.37km
 LONG= 73.01 W ± 0.66km
 DEPTH=157 km ± 1.58km
 STATIONS USED = 30, STAND DEV= 1.99s

WMQ	126.6	17	+PKP	01 06 31.0	0.5
CN2	126.8	343	ePKP	01 06 31.0	0.1
GTA	133.4	8	+PKP	01 06 43.3	-0.5
TIA	136.1	348	ePKP	01 06 50.6	2.1
XAN	139.2	358	ePKP	01 06 48.6	-5.8
CD2	142.3	5	ePKP	01 06 57.8	-1.9
GYA	146.8	1	PKP	01 07 10.4	2.8
KMI	147.9	7	ePKP	01 07 11.0	1.5

QZN 154.1 354 PKP 01 07 22.4 4.0
 1985 2 14
 O=01 51 36.9 ± 0.14s
 LAT=16.06 S ± 1.36km
 LONG=167.00 E ± 2.81km
 DEPTH= 77 km ± 0.88km
 STATIONS USED = 24, STAND DEV= 1.87s

NJ2	66.4	316	-P	02 02 20.0	-0.9
CN2	70.6	329	eP	02 02 45.0	-1.9
GYA	72.3	305	P	02 02 57.0	0.4
BJI	73.1	322	eP	02 03 00.5	-1.1
TIY	74.1	318	P	02 03 07.5	0.3
XAN	74.4	313	P	02 03 08.6	-0.5
CD2	76.6	308	P	02 03 22.6	0.9
LZH	79.0	313	+P	02 03 36.0	0.8
GTA	83.4	314	P	02 03 57.5	-0.6
WMQ	93.5	315	P	02 04 44.5	-1.6

1985 2 14
 O=03 00 15.5 ± 0.07s
 LAT=44.80 N ± 1.38km
 LONG= 80.67 E ± 0.52km
 DEPTH= 20 km ± 1.32km
 STATIONS USED = 5, STAND DEV= 3.77s

M_L=3.5 / 4,
 WMQ 5.1 99 ePg 03 01 44.1 -2.3
 Sg 03 02 49.0 -7.5
 SMN M_L=3.4 0.6 0.040

1985 2 14
 O=05 04 01.3 ± 0.07s
 LAT=66.26 N ± 1.24km
 LONG=150.09 W ± 1.08km
 DEPTH= 12 km ± 0.37km
 STATIONS USED = 50, STAND DEV= 1.24s

M_s=5.6 / 12,
 MDJ 46.5 284 eP 05 12 28.0 -2.7
 eS 05 19 15.0 -3.1
 LE M_s=5.0 25.0 1.29
 CN2 48.8 287 -P 05 12 48.4 -0.3
 eS 05 19 46.0 -4.7
 LN M_s=5.6 15.0 1.60
 LE 15.0 2.30
 SNY 51.2 287 eP 05 13 07.0 0.0
 BJI 55.6 292 P 05 13 39.0 -0.4
 LN M_s=5.5 16.0 1.41
 LE 15.0 1.22
 TIA 58.5 289 eP 05 14 00.6 -0.1
 S 05 22 05.0 3.3

			LN		Ms = 5.3	17.0	0.84	SSE	169.2	313	ePKP	08 50 49.0	0.0
			LE			17.0	1.01	XAN	169.6	14	PKP	08 50 49.4	0.0
NJ2	61.5	285	eP	05 14 21.0	-0.2						pPKP	08 51 27.5	4.3
			eS	05 22 40.0	-1.5						PKP ₂	08 52 03.4	
			LZ		Ms = 5.4	16.0	1.50				ePP	08 55 48.0	-7.0
WMQ	61.7	316	P	05 14 22.0	-0.2			CD2	169.9	45	ePKP	08 50 49.4	-0.2
			LN		Ms = 5.6	16.0	2.01				PKP ₂	08 52 05.4	
GTA	61.9	304	+P	05 14 24.5	0.4						PP	08 55 51.0	-5.6
LZH	63.5	300	+P	05 14 35.0	0.2			NJ2	170.0	325	ePKP	08 50 50.0	0.5
			eS	05 23 00.5	-6.6						PKP ₂	08 52 04.3	
			LE		Ms = 5.8	15.0	3.00				PP	08 55 55.0	-1.7
XAN	63.6	294	eP	05 14 33.3	-1.4			KMI	171.5	81	ePKP	08 50 51.0	0.4
			LE		Ms = 6.1	16.0	5.77	GYA	174.6	62	PKP	08 50 52.0	0.0
WHN	64.6	288	eP	05 14 41.5	-0.2						PKP ₂	08 52 23.0	
			eS	05 23 22.0	1.9						PP	08 56 20.0	0.2
			LN		Ms = 5.7	20.0	1.87						
			LE			19.0	2.31						
CD2	68.2	297	P	05 15 05.3	0.5								
GYA	71.2	293	P	05 15 23.6	0.5								
			eS	05 24 40.0	0.7								
			LN		Ms = 5.7	17.0	1.30						
			LE			17.0	1.80						
			LZ		Ms = 6.0	17.0	4.20						
KMI	73.9	296	+P	05 15 38.5	-0.4								
			S	05 25 11.0	3.1								
			LE		Ms = 6.0	18.0	4.36						
1985 2 14													
O = 08 30 56.6 ± 0.33s													
LAT = 23.99 S ± 2.56km													
LONG = 67.98 W ± 1.95km													
DEPTH = 130 km ± 2.69km													
STATIONS USED = 61, STAND DEV = 2.13s													
KSH	145.9	54	+iPKP	08 50 23.0	1.7								
			ePP	08 53 43.0	-3.9								
WMQ	151.9	39	PKP	08 50 30.5	-0.2								
			PKP ₂	08 50 46.0									
			pPKP	08 51 05.5	1.0								
SNY	159.8	334	PKP ₂	08 51 20.9	-1.3								
GTA	161.5	31	-PKP	08 50 43.3	0.6								
			PKP ₂	08 51 27.5									
BTO	163.4	5	ePKP	08 50 45.3	0.7								
BJI	163.6	349	ePKP	08 50 45.0	0.3								
			ePKP ₂	08 51 35.5									
			PP	08 55 20.0	-4.7								
LZH	166.0	28	ePKP	08 50 48.0	0.8								
TIA	167.0	341	-PKP	08 50 47.8	0.1								
			pPKP	08 51 26.3	4.6								
			pPKP ₂	08 51 51.6									
			ePP	08 55 32.9	-9.2								
1985 2 14													
O = 09 28 53.0 ± 0.18s													
LAT = 6.80 N ± 1.23km													
LONG = 72.96 W ± 2.08km													
DEPTH = 160 km ± 1.65km													
STATIONS USED = 26, STAND DEV = 2.08s													
WMQ	126.7	17	ePKP	09 47 39.0	0.5								
CN2	127.0	343	PKP	09 47 40.0	1.0								
GTA	133.5	8	+PKP	09 47 53.0	1.2								
XAN	139.4	358	ePKP	09 47 57.0	-5.4								
WHN	142.2	350	PKP	09 48 10.6	3.3								
CD2	142.4	5	ePKP	09 48 05.8	-1.9								
GYA	146.9	1	PKP	09 48 17.8	2.3								
KMI	148.0	7	ePKP	09 48 18.5	1.0								
QZN	154.2	354	PKP	09 48 21.9	-4.5								
1985 2 14													
O = 23 32 57.3 ± 0.10s													
LAT = 6.64 S ± 1.61km													
LONG = 154.86 E ± 0.75km													
DEPTH = 44 km ± 0.95km													
STATIONS USED = 17, STAND DEV = 1.52s													
QZN	51.2	301	P	23 42 00.8	2.1								
GYA	57.1	307	P	23 42 43.6	0.9								
XAN	59.4	316	eP	23 42 57.2	-0.9								
KMI	59.7	304	+P	23 43 01.0	0.3								
CD2	61.5	310	eP	23 43 13.4	0.8								
GTA	68.4	317	eP	23 43 58.0	0.6								
1985 2 15													
O = 04 14 16.6 ± 0.20s													
LAT = 32.42 N ± 1.22km													
LONG = 121.47 E ± 2.27km													
DEPTH = 11 km ± 0.13km													

STATIONS USED = 34, STAND DEV = 2.81s
Ms=3.9/ 4, ML=4.2/ 23,

SSE	1.3	191	+Pn	04 14 42.2	0.6		
			Pg	04 14 43.0	2.6		
			Sg	04 15 01.5	2.7		
NJ2	2.3	261	Pn	04 14 54.3	0.2		
			Pg	04 14 58.4	2.0		
			Sg	04 15 30.3	3.1		
			SME	ML=4.5	1.0	3.00	
TIA	5.2	318	ePn	04 15 33.5	-1.5		
			Pg	04 15 53.0	4.2		
			Sn	04 16 32.8	-4.5		
			Sg	04 17 00.4	0.2		
			SMN	ML=4.0	0.8	0.19	
			SME		1.2	0.17	
			SMZ	ML=4.2	0.2	0.19	
WHN	6.4	255	-Pg	04 16 07.0	-2.1		
			iSg	04 17 36.8	0.8		
			SMN	ML=4.5	0.6	0.37	
			SME		1.0	0.16	
			LN	Ms=4.0	9.0	1.18	
DL2	6.5	1	ePg	04 16 19.8	8.8		
QZH	7.9	199	eP	04 16 13.6	-0.3		
			LE	Ms=4.8	8.0	5.35	
BJI	8.7	332	P	04 16 22.0	-3.8		
XAN	10.6	282	eP	04 16 53.4	1.1		
GYA	14.2	249	eP	04 17 41.6	1.4		
CD2	15.2	269	eP	04 17 56.1	3.3		

1985 2 15
O=04 54 43.3 ± 0.08s
LAT=30.17 N ± 1.13km
LONG= 81.64 E ± 0.96km
DEPTH= 33 km ± 0.07km

STATIONS USED = 20, STAND DEV = 1.43s

LSA	8.3	91	-P	04 56 45.3	0.9		
			S	04 58 13.9	-3.0		
WMQ	14.5	18	eP	04 58 08.5	0.7		
GTA	17.5	53	eP	04 58 48.0	1.0		
CD2	19.1	82	eP	04 59 04.8	-1.2		
KMI	19.3	100	eP	04 59 10.5	1.2		
GYA	22.3	93	P	04 59 41.6	1.6		
XAN	23.4	73	eP	04 59 52.0	1.5		

1985 2 15
O=09 20 57.6 ± 0.12s
LAT=23.50 S ± 3.66km
LONG=175.15 W ± 1.80km
DEPTH= 31 km ± 1.42km
STATIONS USED = 37, STAND DEV = 1.41s

Ms=5.0/ 1,

NJ2	83.8	309	eP	09 33 26.0	-0.3		
			LZ	Ms=5.0	20.0	0.40	
MDJ	84.5	324	eP	09 33 29.0	-0.6		
SNY	86.2	319	-P	09 33 38.0	-0.1		
CN2	86.3	321	+P	09 33 37.4	-1.1		
			eS	09 44 05.0	-5.7		
WHN	86.3	305	-P	09 33 43.0	4.2		
TIA	87.2	311	-P	09 33 43.3	0.1		
BJI	89.9	314	eP	09 33 55.5	-0.2		
GYA	90.4	299	P	09 34 00.6	2.2		
TIY	91.2	311	+P	09 34 02.0	-0.2		
XAN	92.0	306	eP	09 34 06.3	0.4		
KMI	93.0	296	+P	09 34 11.5	0.8		
BTO	94.2	313	eP	09 34 16.0	0.0		
CD2	94.6	302	eP	09 34 18.3	0.6		
LZH	96.7	306	eP	09 34 28.5	1.3		

1985 2 15
O=11 06 44.8 ± 0.18s
LAT=32.64 N ± 0.80km
LONG=121.95 E ± 1.71km
DEPTH= 5 km

STATIONS USED = 7, STAND DEV = 1.50s
ML=3.3/ 5,

SSE	1.7	203	-Pn	11 07 15.4	0.4		
			Pg	11 07 16.0	1.8		
			Sn	11 07 33.8	-4.9		
			Sg	11 07 36.6	-0.4		
			SMN	ML=3.4	0.4	0.38	
			SME		0.4	0.52	
NJ2	2.7	258	+Pg	11 07 32.3	0.1		
			Sg	11 08 03.4	-5.5		
			SMN	ML=3.5	0.5	0.20	
			SME		0.5	0.30	

1985 2 15
O=17 21 23.0 ± 0.12s
LAT=34.38 N ± 1.90km
LONG= 82.46 E ± 1.61km
DEPTH= 33 km ± 0.14km

STATIONS USED = 53, STAND DEV = 2.34s
Ms=4.8/ 19,

KSH	7.3	316	eP	17 23 14.0	4.4		
			eS	17 24 34.0	2.2		
			LG ₂	17 25 24.0	1.8		
			LE	Ms=4.8	9.0	6.00	
LSA	8.7	120	P	17 23 31.4	1.0		
WMQ	10.3	22	+iP	17 23 48.5	-2.7		
			eS	17 25 42.5	-4.0		

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TIA	87.2	311	-P	14 01 30.8	0.8				
BJI	89.8	314	eP	14 01 43.0	0.6				
GYA	90.4	299	P	14 01 46.8	1.3				
TIY	91.2	311	P	14 01 49.0	0.0				
XAN	92.0	306	eP	14 01 52.6	-0.2				
			eSKS	14 12 20.0	0.8				
			eS	14 12 52.6	3.4				
			SME	$m_b = 5.7$	9.0	0.62			
KMI	93.1	296	eP	14 01 59.0	1.1				
			eSKS	14 12 32.0	6.7				
			LZ	$M_s = 5.3$	40.0	1.33			
BTO	94.2	312	eP	14 02 03.0	0.2				
CD2	94.6	302	eP	14 02 05.6	0.9				
LZH	96.6	306	eP	14 02 14.0	-0.1				
GTA	100.9	308	eP	14 02 33.4	0.2				

1985 2 16

O = 14 01 50.4 ± 0.19s
 LAT = 18.55 S ± 3.59km
 LONG = 178.07 E ± 1.37km
 DEPTH = 344 km ± 1.65km

STATIONS USED = 16, STAND DEV = 2.21s

CN2	78.5	324	eP	14 13 16.4	0.0				
TIA	79.2	314	eP	14 13 18.6	-1.6				
BJI	81.9	317	P	14 13 34.0	-0.2				
XAN	84.0	309	eP	14 13 45.0	0.1				
GTA	92.9	311	eP	14 14 25.0	-1.9				

1985 2 16

O = 14 26 34.6 ± 0.06s
 LAT = 23.33 S ± 2.00km
 LONG = 175.08 W ± 1.83km
 DEPTH = 33 km ± 0.51km

STATIONS USED = 18, STAND DEV = 1.47s

CN2	86.2	321	+P	14 39 14.5	-0.2				
TIA	87.2	311	eP	14 39 19.6	0.1				
GYA	90.4	299	-P	14 39 35.8	0.9				
XAN	92.0	306	eP	14 39 43.0	0.7				
KMI	93.0	296	-P	14 39 44.0	-3.2				

1985 2 16

O = 14 44 01.0 ± 0.11s
 LAT = 15.24 N ± 1.88km
 LONG = 121.62 E ± 2.13km
 DEPTH = 38 km ± 0.57km

STATIONS USED = 29, STAND DEV = 1.92s

$M_s = 4.2 / 3,$

QZN	11.9	290	eP	14 46 50.0	-0.9				
			eS	14 49 02.0	-0.8				
			LN	$M_s = 4.2$	17.0	0.85			

WHN	16.6	338	eP	14 47 54.0	1.0				
NJ2	16.9	352	eP	14 47 58.8	2.1				
			LZ	$M_s = 4.0$	18.0	0.58			
GYA	17.9	311	P	14 48 08.8	0.1				
KMI	20.2	302	+P	14 48 35.0	-1.2				
TIA	21.3	350	eP	14 48 44.6	-1.9				
XAN	21.9	331	eP	14 48 51.8	-1.6				
CD2	22.6	317	-iP	14 48 59.5	-0.4				
			PMZ			1.1	0.10		
TIY	23.8	342	P	14 49 11.5	-0.2				
			LN	$M_s = 4.5$	11.0	0.52			
BJI	25.2	350	eP	14 49 22.5	-2.1				
LZH	26.1	326	eP	14 49 34.5	0.5				
			PMZ			1.6	0.080		
SNY	26.5	3	eP	14 49 39.1	1.6				
BTO	27.2	340	eP	14 49 43.0	-0.8				
CN2	28.6	6	eP	14 49 53.0	-3.7				

1985 2 16

O = 16 28 10.7 ± 0.07s
 LAT = 39.93 N ± 1.45km
 LONG = 142.78 E ± 1.32km
 DEPTH = 44 km ± 1.15km

STATIONS USED = 68, STAND DEV = 1.59s

$M_s = 4.4 / 4,$

MDJ	10.8	300	eP	16 30 46.5	0.2				
CN2	13.5	292	+P	16 31 22.0	0.2				
			eS	16 33 52.0	1.4				
			LZ	$M_s = 4.2$	12.0	0.80			
SNY	14.7	284	eP	16 31 38.3	1.2				
SSE	19.6	250	eP	16 32 36.0	-2.6				
			LZ	$M_s = 4.5$	14.0	1.10			
BJI	20.4	279	eP	16 32 42.0	-4.4				
TIA	20.5	268	-P	16 32 45.6	-2.4				
			LN	$M_s = 4.5$	11.0	0.57			
			LE		13.0	0.69			
NJ2	20.9	255	-P	16 32 48.8	-2.7				
			LZ	$M_s = 4.2$	20.0	0.71			
TIY	23.7	274	eP	16 33 19.3	-0.4				
HHC	23.7	282	eP	16 33 19.8	-0.3				
WHN	25.0	257	P	16 33 32.0	0.2				
XAN	27.6	268	eP	16 33 54.8	-1.3				
GZH	30.0	245	P	16 34 18.5	0.6				
LZH	30.8	275	eP	16 34 23.5	-1.2				
CD2	32.8	266	eP	16 34 41.6	-1.2				
GTA	32.8	283	-iP	16 34 43.6	0.6				
			PcP	16 37 28.5	2.3				
			PcS	16 41 13.4	3.1				
			LE		1.6	0.92			

GYA	32.8	257	+P	16 34 42.8	-0.2
KMI	36.5	258	+iP	16 35 15.0	0.4
WMQ	40.6	294	+iP	16 35 49.0	0.9
			PMZ		1.5 0.12
			pP	16 35 59.5	0.2
LSA	43.1	273	eP	16 36 10.0	0.9
KSH	50.3	292	eP	16 37 07.0	1.6

1985 2 16

O=19 16 42.6 ± 0.16s
 LAT=23.06 S ± 2.27km
 LONG=175.11 W ± 2.16km
 DEPTH= 49 km ± 1.54km
 STATIONS USED = 26, STAND DEV= 2.08s

MDJ	84.2	324	eP	19 29 10.0	-0.8
CN2	86.0	321	-P	19 29 19.3	-0.4
TIA	87.0	311	eP	19 29 27.3	2.6
BJI	89.6	314	eP	19 29 37.0	-0.1
GYA	90.2	299	eP	19 29 43.6	3.3
TIY	91.0	311	eP	19 29 44.5	0.7
XAN	91.8	306	eP	19 29 47.6	0.0
KMI	92.9	296	eP	19 29 53.0	0.3
BTO	94.0	313	eP	19 30 00.9	3.4

1985 2 16

O=21 33 28.4 ± 0.09s
 LAT=39.88 N ± 1.66km
 LONG= 41.78 E ± 1.02km
 DEPTH= 10 km ± 0.21km
 STATIONS USED = 38, STAND DEV= 1.44s

KSH	26.2	80	eP	21 39 07.8	1.8
WMQ	34.1	68	+P	21 40 16.5	0.7
			PP	21 41 34.0	4.9
GTA	44.0	71	P	21 41 39.8	1.4
LZH	48.2	74	eP	21 42 12.0	0.2
			PMZ		1.5 0.050
CD2	50.4	80	eP	21 42 29.0	0.3
BTO	50.9	66	eP	21 42 33.0	0.8
KMI	52.5	87	+P	21 42 44.0	-0.9
XAN	52.8	74	eP	21 42 46.8	-0.2
GYA	54.8	83	P	21 43 01.0	-0.9
BJI	55.4	64	eP	21 43 05.5	-0.1
CN2	59.9	56	+P	21 43 36.0	-1.4

1985 2 17

O=00 14 55.8 ± 0.12s
 LAT= 2.10 S ± 1.62km
 LONG=140.32 E ± 3.13km
 DEPTH= 32 km ± 0.16km
 STATIONS USED = 33, STAND DEV= 2.42s

SNY	46.3	343	eP	00 23 20.0	-0.7
XAN	46.5	323	eP	00 23 22.0	-0.6
MDJ	47.5	350	eP	00 23 28.0	-2.1
LZH	51.0	322	eP	00 23 58.0	0.8
GTA	55.6	322	P	00 24 31.4	0.4
WMQ	65.6	321	+iP	00 25 42.8	3.7

1985 2 17

O=00 24 23.9 ± 0.09s
 LAT=25.65 N ± 1.40km
 LONG= 95.23 E ± 1.22km
 DEPTH= 87 km ± 0.41km
 STATIONS USED = 62, STAND DEV= 2.12s
 Ms=4.5 / 2, M_L=4.3 / 4, m_B=4.6 / 2

LSA	5.4	319	+P	00 25 46.3	1.9
			S	00 26 42.5	-2.8
			LE		1.9 3.75
KMI	6.8	93	+P	00 26 07.0	3.5
			sP	00 26 33.0	6.7
			S	00 27 25.0	5.2
			SMN		3.0 0.48
			SME		3.0 0.60
			LN	Ms=4.1	8.0 1.38
CD2	9.2	53	P	00 26 35.3	0.0
			PMZ		1.0 0.10
GYA	10.3	83	P	00 26 52.0	1.0
			sP	00 27 21.0	5.8
			S	00 28 46.0	0.9
			SMN	m _B =4.9	8.0 0.93
LZH	12.8	33	-iP	00 27 22.0	-1.7
			PMZ		1.0 0.37
GTA	14.3	15	eP	00 27 40.5	-2.6
			PcP	00 32 56.0	0.6
			ScS	00 39 56.8	0.8
XAN	14.5	52	eP	00 27 42.3	-4.1
			pP	00 27 59.5	-0.3
			sP	00 28 10.5	-1.3
			S	00 30 35.0	9.9
			SMN		1.2 0.23
			SME		1.2 0.11
QZN	15.0	113	P	00 27 58.0	4.9
			S	00 30 43.0	5.7
GZH	16.7	95	eP	00 28 17.0	3.0
WHN	17.6	70	eP	00 28 23.5	-1.0
TIY	18.9	46	P	00 28 38.0	-2.6
			PMZ		0.8 0.070
			sP	00 29 01.0	-6.9
			S	00 32 05.0	0.6
			SMN	m _B =4.4	5.0 0.040
			SME		5.0 0.040

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KMI	28.9	316	eP	03 42 28.5	-0.1
XAN	32.2	335	eP	03 42 56.6	-1.6
			sP	03 43 10.5	-0.6
CD2	32.3	325	eP	03 42 57.8	-0.6
TIY	34.3	343	eP	03 43 14.4	-1.5
BJI	35.6	349	eP	03 43 25.0	-1.9
LZH	36.2	331	-iP	03 43 33.5	0.9
			PMZ		1.5 0.070
SNY	36.6	359	eP	03 43 39.8	4.5
BTO	37.7	342	eP	03 43 43.0	-1.6
MDJ	39.6	6	P	03 44 03.5	3.0
LSA	39.9	312	eP	03 44 04.6	1.0
GTA	40.8	330	eP	03 44 11.3	0.5
WMQ	50.4	326	P	03 45 25.8	-0.9

1985 2 17

O = 12 53 34.5 ± 0.04s
 LAT = 23.28 S ± 1.35km
 LONG = 175.08 W ± 0.79km
 DEPTH = 42 km ± 0.53km
 STATIONS USED = 24, STAND DEV = 0.85s

MDJ	84.3	324	P	13 06 04.5	0.1
CN2	86.1	321	+P	13 06 12.8	-0.5
			pP	13 06 24.8	0.1
TIA	87.1	311	+P	13 06 17.9	-0.3
BJI	89.8	314	eP	13 06 30.5	-0.1
GYA	90.4	299	eP	13 06 34.4	0.8
TIY	91.1	311	eP	13 06 37.6	0.4
XAN	92.0	306	eP	13 06 41.4	0.4
KMI	93.0	296	+P	13 06 46.5	0.5

1985 2 17

O = 14 07 38.8 ± 2.59s
 LAT = 43.30 N ± 4.28km
 LONG = 76.91 E ± 20.23km
 DEPTH = 5 km ± 0.80km
 STATIONS USED = 6, STAND DEV = 4.32s

$M_L = 4.2 / 5,$

WMQ	7.9	82	Pn	14 09 35.4	1.3
			SMN		$M_L = 4.1$ 0.8 0.060

1985 2 17

O = 15 24 24.0 ± 0.10s
 LAT = 38.07 N ± 1.08km
 LONG = 106.37 E ± 0.89km
 DEPTH = 4 km ± 0.24km
 STATIONS USED = 9, STAND DEV = 3.31s

$M_L = 3.4 / 8,$

LZH	2.8	226	-Pn	15 25 12.5	2.1
			Sg	15 25 47.5	-5.2

				SMN	$M_L = 3.2$	1.0	0.090
				SME		1.0	0.10
BTO	3.8	47	ePg	15 25 29.5	-1.5		
				cSg	15 26 18.4	-4.2	
				SMN	$M_L = 2.8$	0.5	0.020
				SME		0.5	0.030
TIY	4.8	92	ePg	15 25 52.9	3.9		
				Sg	15 26 50.9	-3.7	
				SMN	$M_L = 3.4$	0.8	0.080
				SME		0.7	0.030
HHC	4.9	54	ePg	15 25 51.6	1.3		
				SMN	$M_L = 3.4$	0.4	0.030
				SME		0.6	0.060
GTA	5.3	287	Pg	15 25 56.8	-0.9		
				Sg	15 27 06.8	-3.1	
				SMN	$M_L = 3.0$	0.7	0.020
				SME		0.7	0.010

1985 2 17

O = 16 13 28.2 ± 0.11s
 LAT = 38.02 N ± 1.16km
 LONG = 106.25 E ± 1.01km
 DEPTH = 14 km ± 0.29km
 STATIONS USED = 27, STAND DEV = 2.83s

$M_L = 4.3 / 15,$

LZH	2.7	226	Pn	16 14 14.5	2.3
			Pg	16 14 19.0	2.6
			Sn	16 14 51.0	4.5
			Sg	16 14 54.0	0.4
			SMN	$M_L = 4.3$	1.0 1.47
			SME		0.8 1.31
BTO	3.9	47	ePn	16 14 26.8	-1.5
			Pg	16 14 36.0	-1.1
			Sg	16 15 25.8	-4.6
XAN	4.5	151	ePn	16 14 37.4	-0.6
			Pg	16 14 51.8	3.7
			Sn	16 15 29.0	-2.1
			Sg	16 15 46.8	-3.2
			SMN	$M_L = 4.1$	0.6 0.41
			SME		0.6 0.23
TIY	4.9	92	ePn	16 14 41.3	-0.8
			iPg	16 14 55.6	0.7
			Sg	16 15 54.9	-7.0
			SMN	$M_L = 4.7$	0.8 1.20
			SME		0.7 0.73
HHC	5.0	54	Pn	16 14 44.3	1.0
			Pg	16 14 57.6	1.2
			Sg	16 15 57.8	-6.9
GTA	5.2	287	Pn	16 14 46.9	0.4
			Pg	16 15 01.0	0.6

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			Sn	16 15 47.1	-1.3			
			Sg	16 16 15.1	3.3			
			SMN	$M_L=4.3$	0.7	0.42		
			SME		0.8	0.27		
CD2	7.4	197	ePn	16 15 25.0	8.9			
			SMN	$M_L=4.2$	0.9	0.090		
			SME		1.0	0.10		
WHN	10.0	136	eP	16 15 55.0	-0.1			
GYA	11.5	178	P	16 16 13.6	-2.3			
			S	16 18 18.0	-7.0			
WMQ	15.2	298	P	16 17 07.3	3.2			

1985 2 17

O=18 22 36.8 ± 0.09s
 LAT=39.50 N ± 1.00km
 LONG=118.73 E ± 0.34km
 DEPTH= 19 km ± 0.40km
 STATIONS USED = 5, STAND DEV= 1.48s

$M_L=2.9/5,$

BJI	2.0	286	Pg	18 23 12.5	-0.5			
			Sg	18 23 36.5	-4.4			

1985 2 17

O=19 40 47.7 ± 0.10s
 LAT=19.23 S ± 1.92km
 LONG=168.46 E ± 2.75km
 DEPTH= 34 km ± 0.98km
 STATIONS USED = 50, STAND DEV= 1.94s

WHN	71.8	313	eP	19 52 09.0	-0.3			
MDJ	72.8	332	eP	19 52 12.5	-2.6			
TIA	73.4	319	eP	19 52 19.0	-0.2			
CN2	74.1	329	eP	19 52 21.6	-1.2			
GYA	75.2	305	eP	19 52 30.0	0.5			
BJI	76.5	321	eP	19 52 36.0	-0.5			
TIY	77.3	318	eP	19 52 44.0	2.5			
XAN	77.6	313	eP	19 52 42.6	-0.1			
KMI	77.6	302	+P	19 52 44.5	1.1			
CD2	79.6	308	eP	19 52 54.3	0.1			
LZH	82.2	312	+P	19 53 09.0	1.4			
GTA	86.6	314	P	19 53 30.3	0.6			
WMQ	96.7	314	eP	19 54 18.5	1.9			

1985 2 17

O=21 36 52.0 ± 0.13s
 LAT= 4.77 S ± 1.94km
 LONG=134.07 E ± 2.91km
 DEPTH= 33 km ± 0.33km
 STATIONS USED = 65, STAND DEV= 2.11s

$M_s=5.3/16,$ $m_B=5.6/5$

SSE	37.7	342	eP	21 44 11.0	4.3			
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			eS	21 50 01.0	6.2			
			LN	$M_s=5.5$	20.0	4.43		
			LZ	$M_s=5.5$	20.0	4.77		
NJ2	39.4	339	+P	21 44 23.6	3.1			
			S	21 50 21.0	2.1			
			LN	$M_s=5.3$	20.0	1.60		
			LE		17.0	2.40		
WHN	39.9	333	eP	21 44 26.0	1.5			
			eS	21 50 31.0	3.9			
			LN	$M_s=5.2$	19.0	1.95		
GYA	40.8	321	P	21 44 32.6	-0.2			
			S	21 50 48.0	7.2			
KMI	42.5	316	-P	21 44 47.0	0.1			
			eS	21 51 11.0	3.7			
			LN	$M_s=4.9$	16.0	0.85		
TIA	43.7	340	eP	21 44 55.3	-1.2			
XAN	45.3	330	eP	21 45 08.8	-0.4			
			S	21 51 47.0	0.8			
			SMN	$m_B=5.5$	10.0	0.43		
			SME		10.0	0.65		
			LN	$M_s=5.3$	16.0	1.44		
			LE		16.0	0.96		
CD2	45.8	323	P	21 45 12.5	-0.4			
			eS	21 51 54.0	0.0			
			LN	$M_s=5.2$	20.0	1.70		
TIY	46.8	336	eP	21 45 21.0	0.0			
			S	21 52 13.5	6.1			
			LE	$M_s=5.2$	14.0	1.10		
SNY	47.3	349	eP	21 45 27.0	1.9			
			S	21 52 19.0	4.0			
			SMN		18.0	0.89		
			SME		16.0	1.16		
			LN	$M_s=5.2$	15.0	1.17		
BJI	47.5	341	eP	21 45 26.0	-0.5			
			eS	21 52 12.0	-6.7			
			SMN	$m_B=5.4$	7.0	0.34		
			LN	$M_s=5.3$	17.0	1.83		
CN2	49.0	352	eP	21 45 36.0	-1.7			
			PMZ	$m_B=5.8$	4.0	0.50		
			eS	21 52 34.0	-4.9			
			SME	$m_B=5.6$	8.0	0.60		
			LE	$M_s=5.6$	17.0	3.20		
MDJ	49.3	356	eP	21 45 40.0	-0.5			
			eS	21 52 45.0	1.1			
			LE	$M_s=5.4$	25.0	2.91		
LZH	49.5	328	+P	21 45 43.0	0.8			
			PMZ		2.0	0.17		
			S	21 52 51.0	5.4			
			SME	$m_B=5.6$	9.0	0.74		
			LE	$M_s=5.2$	11.0	0.86		

BTO	50.2	336	eP	21 45 49.8	2.1		
			S	21 53 00.0	4.4		
			LN	Ms=5.3	15.0	0.70	
			LE		15.0	1.20	
LSA	53.5	313	P	21 46 13.0	0.2		
			S	21 53 43.5	2.8		
GTA	54.1	327	P	21 46 16.8	0.0		
			S	21 53 53.0	4.3		
			LE	Ms=5.0	14.5	0.58	
WMQ	63.8	324	P	21 47 24.0	-0.2		
			eS	21 56 00.0	3.8		
			LN	Ms=5.4	20.0	1.51	
KSH	69.2	315	P	21 47 58.0	0.0		
			eS	21 57 04.0	3.3		

1985 2 17

O=22 40 42.5 ± 0.09s

LAT=39.16 N ± 1.62km

LONG=139.21 E ± 1.30km

DEPTH=210 km ± 0.94km

STATIONS USED = 48, STAND DEV = 1.69s

MDJ	9.0	310	eP	22 42 49.5	-0.3		
CN2	11.3	299	eP	22 43 21.0	1.5		
DL2	13.7	274	eP	22 43 52.1	2.9		
SSE	16.8	247	-P	22 44 29.0	2.1		
TIA	17.7	267	+P	22 44 36.4	-0.9		
BJI	17.8	280	+iP	22 44 36.0	-1.8		
NJ2	18.0	253	-P	22 44 40.0	-0.1		
TIY	21.0	275	eP	22 45 09.6	-1.3		
WHN	22.1	255	eP	22 45 21.0	-0.3		
BTO	22.4	283	eP	22 45 24.0	-0.6		
XAN	24.8	268	eP	22 45 45.8	-1.2		
LZH	28.1	275	eP	22 46 16.0	-1.2		
GTA	30.3	283	P	22 46 36.6	-0.5		

1985 2 17

O=23 06 57.4 ± 0.09s

LAT=24.71 N ± 1.55km

LONG=85.51 E ± 1.06km

DEPTH=32 km ± 0.02km

STATIONS USED = 43, STAND DEV = 1.65s

LSA	7.1	44	P	23 08 42.5	0.8		
KMI	15.6	85	eP	23 10 37.5	0.0		
CD2	17.3	65	eP	23 10 55.3	-2.7		
GTA	19.0	36	P	23 11 17.0	-2.2		
WMQ	19.1	5	eP	23 11 20.6	-0.4		
GYA	19.2	80	P	23 11 23.0	1.8		
LZH	19.4	50	eP	23 11 23.0	-1.2		
XAN	22.4	60	eP	23 11 53.8	-0.8		
QZN	23.3	30	eP	23 12 07.6	4.4		

BTO	25.9	46	eP	23 12 29.0	0.4		
WHN	26.2	71	eP	23 12 32.0	1.0		
TIY	26.3	54	eP	23 12 33.0	0.5		
CN2	37.7	50	eP	23 14 11.5	-0.2		

1985 2 17

O=23 18 09.7 ± 0.08s

LAT=44.43 N ± 2.27km

LONG=148.54 E ± 1.50km

DEPTH=37 km ± 0.41km

STATIONS USED = 40, STAND DEV = 1.47s

CN2	16.6	276	eP	23 22 02.3	1.0		
BJI	24.3	271	eP	23 23 25.0	0.2		
NJ2	26.2	252	eP	23 23 42.4	-1.0		
TIY	27.9	269	eP	23 23 58.0	-0.5		
BTO	28.5	276	eP	23 24 04.8	0.8		
WHN	30.2	254	eP	23 24 19.0	-0.4		
LZH	34.8	272	+iP	23 24 58.5	-0.6		
GTA	36.2	279	P	23 25 11.3	0.1		
CD2	37.5	264	+iP	23 25 21.6	-0.4		

PMZ

0.9 0.10

GYA	38.1	256	P	23 25 26.6	-0.4		
KMI	41.6	258	eP	23 25 56.5	-0.3		
WMQ	42.8	291	eP	23 26 06.0	0.0		

1985 2 18

O=01 32 33.6 ± 0.16s

LAT=35.78 N ± 1.10km

LONG=70.97 E ± 1.00km

DEPTH=110 km ± 1.78km

STATIONS USED = 14, STAND DEV = 2.72s

M_L=4.2/ 1,

KSH	5.4	46	eP	01 33 55.4	1.8		
			S	01 34 53.0	-1.8		
			LE		5.0	0.89	

WMQ	15.1	53	eP	01 36 06.4	3.3		
GTA	23.1	72	P	01 37 34.1	3.3		

1985 2 18

O=03 56 23.0 ± 0.11s

LAT=8.25 S ± 1.21km

LONG=119.86 E ± 1.90km

DEPTH=188 km ± 0.53km

STATIONS USED = 43, STAND DEV = 1.78s

QZN	28.9	340	P	04 02 08.3	1.9		
GYA	36.8	340	P	04 03 16.4	1.4		
KMI	37.1	334	-P	04 03 20.0	2.2		
WHN	38.9	352	eP	04 03 34.5	1.9		
NJ2	40.1	359	+P	04 03 43.3	1.3		
CD2	41.9	339	+iP	04 03 57.6	0.7		

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XAN	43.3	347	cP	04 04 08.3	-0.1
LZH	46.6	342	cP	04 04 35.0	0.4
BJI	48.2	356	cP	04 04 46.0	-0.5
GTA	50.9	340	P	04 05 08.8	1.0
			pP	04 05 50.0	0.8
CN2	52.1	5	cP	04 05 14.0	-1.9
MDJ	53.4	9	cP	04 05 24.0	-1.5
WMQ	59.5	333	P	04 06 08.0	-1.0

1985 2 18

O=04 21 23.2 ± 0.07s
 LAT= 7.32 S ± 0.80km
 LONG=128.47 E ± 1.67km
 DEPTH= 33 km ± 0.06km

STATIONS USED = 26, STAND DEV = 1.38s

GYA	39.7	329	P	04 28 55.6	1.2
KMI	40.8	323	cP	04 29 05.0	0.9
XAN	45.1	337	cP	04 29 36.8	-1.9
BJI	48.5	347	cP	04 30 04.5	-0.6
LZH	49.0	333	+P	04 30 11.0	1.7
CN2	51.0	357	cP	04 30 24.5	0.4
GTA	53.5	332	P	04 30 43.4	-0.2
WMQ	62.8	328	cP	04 31 48.8	0.0

1985 2 18

O=18 12 33.3 ± 0.09s
 LAT=12.72 N ± 0.97km
 LONG=142.61 E ± 1.19km
 DEPTH=144 km ± 0.38km

STATIONS USED = 53, STAND DEV = 1.01s

WHN	31.6	309	cP	18 18 45.0	0.4
DL2	32.0	328	cP	18 18 49.0	0.2
TIA	32.8	320	P	18 18 54.0	-1.0
SNY	33.4	334	cP	18 19 00.0	-0.6
CN2	34.3	338	cP	18 19 07.4	-0.9
BJI	35.8	324	cP	18 19 21.0	0.1
GYA	36.4	297	P	18 19 27.0	1.1
TIY	36.7	318	-P	18 19 28.6	0.4
			PMZ		1.1 0.13
XAN	37.2	310	P	18 19 32.8	-0.3
KMI	39.5	294	-P	18 19 53.5	1.2
BTO	39.8	320	-iP	18 19 55.0	0.3
CD2	40.1	303	-iP	18 19 57.0	0.2
LZH	41.9	311	-P	18 20 12.0	0.5
			PMZ		1.5 0.14
GTA	46.1	313	-iP	18 20 46.1	0.5
			PcP	18 22 20.0	1.1
WMQ	56.2	315	-iP	18 22 00.6	-0.3

1985 2 18

O=18 35 17.9 ± 0.20s
 LAT=34.65 N ± 1.88km
 LONG= 79.40 E ± 1.84km
 DEPTH= 5 km ± 0.40km
 STATIONS USED = 10, STAND DEV = 3.11s

				$M_L=4.1/3,$	
KSH	5.5	331	cPn	18 36 43.0	1.8
			Sn	18 37 54.0	6.9
			SMN	$M_L=4.2$	0.8 0.27
			SME		0.8 0.22
LSA	11.1	113	cP	18 38 06.0	4.7
WMQ	11.2	33	-iP	18 38 01.7	-0.2
GTA	17.0	68	cP	18 39 20.4	2.2
GYA	24.8	102	P	18 40 42.0	-0.7

1985 2 18

O=18 39 17.2 ± 0.33s
 LAT=37.14 N ± 2.74km
 LONG= 78.92 E ± 1.52km
 DEPTH= 10 km

STATIONS USED = 5, STAND DEV = 1.39s

				$M_L=4.1/4,$	
KSH	3.3	316	cPn	18 40 09.5	0.4
			Sg	18 41 01.4	1.8
			SMN	$M_L=4.2$	0.3 0.89
			SME		0.5 0.61
GTA	16.6	76	P	18 43 11.6	-0.1

1985 2 18

O=19 41 04.0 ± 0.10s
 LAT=23.56 N ± 1.44km
 LONG=123.17 E ± 1.54km
 DEPTH= 52 km ± 0.60km

STATIONS USED = 94, STAND DEV = 2.00s

				$M_s=5.6/21, M_L=5.2/2, m_B=5.8/5$	
QZH	4.4	289	-iP	19 42 08.6	-1.5
			S	19 42 54.1	-5.2
			LN	$M_s=5.1$	10.5 23.4
			LE		10.5 27.9
SSE	7.7	347	+P	19 42 55.0	-1.4
			LN	$M_s=5.5$	8.0 17.9
			LE		8.0 20.4
NJ2	9.3	337	+iP	19 43 16.5	-1.6
			iS	19 44 56.0	-5.1
			LN	$M_s=5.5$	5.0 3.50
			LE		5.0 11.0
WHN	10.5	313	cP	19 43 32.4	-2.2
			cS	19 45 27.0	-3.8
			LN	$M_s=5.6$	8.0 19.6
QZN	13.2	253	P	19 44 10.3	-0.8

February, 1985

			S	19 46 41.3	5.3							LN	Ms = 5.9	15.0	23.0		
			LN	Ms = 5.3	19.0	17.6	LZH	20.9	311	+iP	19 45 46.0	1.7					
TIA	13.7	339	eP	19 44 16.1	-0.8							PMZ		1.5	0.79		
			PMZ	m _B = 5.8	7.0	1.21						pP	19 45 59.0	3.1			
			sP	19 44 35.0	2.1							isP	19 46 07.0	5.2			
			S	19 46 50.0	3.4							S	19 49 34.0	6.3			
GYA	15.2	284	P	19 44 38.0	0.3							SMN	m _B = 6.0	8.0	4.01		
			sP	19 44 57.0	3.4							LN	Ms = 5.6	18.0	13.2		
			S	19 47 27.0	3.1							LE		22.0	10.9		
			LN	Ms = 5.4	9.0	3.90	MDJ	21.7	13	+P	19 45 50.0	-2.2					
			LE		9.0	5.80						LN	Ms = 5.7	16.0	16.0		
DL2	15.4	355	P	19 44 40.5	1.4							GTA	25.3	314	P	19 46 28.8	0.9
			eS	19 47 29.5	2.2							eS	19 50 45.5	-2.2			
			LN	Ms = 5.6	17.0	23.4						LN	Ms = 5.4	15.0	5.65		
XAN	16.3	313	+P	19 44 51.5	0.8							LSA	29.2	289	P	19 47 04.6	0.9
			pP	19 45 02.0	1.8							S	19 51 50.0	0.5			
			S	19 47 50.0	2.4							LN	Ms = 5.5	15.0	5.35		
			sS	19 48 03.0	-1.1							WMQ	35.4	314	P	19 47 58.0	0.7
			LN	Ms = 5.8	14.0	20.5						pP	19 48 13.0	3.0			
			LE		16.0	16.3						sP	19 48 21.5	5.9			
TIY	16.8	329	-P	19 45 00.8	2.8							S	19 53 30.0	3.8			
			PMZ		1.0	0.080						sS	19 53 47.0	-2.1			
			LN	Ms = 5.6	13.0	14.7						LN	Ms = 5.6	22.0	7.44		
BJI	17.5	342	eP	19 45 06.0	0.3							KSH	42.7	303	eP	19 49 02.0	3.5
			SME	m _B = 6.0	10.0	5.91						eS	19 55 27.0	8.9			
			LN	Ms = 5.4	16.0	12.2						LE	Ms = 5.7	15.0	5.20		
SNY	18.2	1	+iP	19 45 14.0	-1.0												
			SS	19 48 52.0	-4.7												
			LN	Ms = 5.6	15.0	14.2											
KMI	18.7	279	-P	19 45 22.0	1.3												
			pP	19 45 33.0	2.4												
			eS	19 48 46.0	2.5												
			sS	19 49 04.0	4.4												
			SS	19 49 12.0	4.0												
			LN	Ms = 5.7	10.0	10.2	QZN	10.7	260	eP	00 39 15.0	-3.1					
			LE		11.0	8.77	NJ2	11.0	350	eP	00 39 19.4	-2.4					
CD2	18.7	297	-iP	19 45 22.3	1.1							LZ	Ms = 3.8	16.0	0.63		
			PMZ		1.1	0.70	GYA	14.2	295	eP	00 40 03.8	-0.3					
			sP	19 45 42.5	4.8							TIA	15.4	348	eP	00 40 22.3	2.6
			S	19 48 49.0	5.3							XAN	16.7	323	eP	00 40 37.4	0.6
			LE	Ms = 5.6	11.0	11.0	TIY	18.1	338	eP	00 40 57.5	3.3					
HHC	19.8	333	+P	19 45 34.0	0.7							LN	Ms = 4.4	14.0	0.96		
			S	19 49 02.0	-5.3							CD2	18.3	306	eP	00 40 59.3	2.7
			LN	Ms = 5.4	15.0	9.34	BJI	19.2	349	eP	00 41 09.0	0.8					
BTO	20.3	330	-iP	19 45 39.0	0.8							SNY	20.7	5	eP	00 41 25.8	2.0
CN2	20.3	5	+iP	19 45 36.3	-1.8							LZH	21.1	318	eP	00 41 30.0	1.7
			PMZ	m _B = 5.8	4.0	1.80	BTO	21.5	337	eP	00 41 31.0	-1.2					
			eS	19 49 14.0	-3.6							CN2	22.9	8	-P	00 41 45.3	-0.2
			SME	m _B = 5.6	7.0	1.50						eS	00 45 51.0	2.0			
			SS	19 49 46.0	-1.7							LE	Ms = 4.4	15.0	0.70		

1985 2 19

O = 00 36 43.0 ± 0.10s
 LAT = 21.18 N ± 1.58km
 LONG = 121.03 E ± 1.59km
 DEPTH = 27 km ± 0.60km
 STATIONS USED = 47, STAND DEV = 1.62s
 Ms = 4.4 / 3, ML = 4.0 / 6

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MDJ 24.4 15 eP 00 42 01.0 0.3
GTA 25.7 320 eP 00 42 14.3 1.3

1985 2 19

O=08 37 41.6 ± 0.06s
LAT=53.40 N ± 2.09km
LONG=164.79 W ± 0.96km
DEPTH= 32 km ± 0.18km
STATIONS USED = 25, STAND DEV= 0.90s

CN2 45.4 287 +P 08 45 58.8 -0.6
BTO 56.1 294 eP 08 47 21.3 0.2
NJ2 57.1 281 eP 08 47 27.0 -1.0
GTA 62.4 300 eP 08 48 04.0 -0.7
WMQ 65.0 310 P 08 48 21.0 -0.7
CD2 66.7 291 P 08 48 33.0 1.0
GYA 68.4 285 P 08 48 43.6 0.7

1985 2 19

O=08 39 15.1 ± 0.08s
LAT=22.85 S ± 1.42km
LONG=176.62 W ± 1.10km
DEPTH=153 km ± 0.82km
STATIONS USED = 38, STAND DEV= 1.42s

CN2 84.9 322 eP 08 51 33.8 -1.2
TIA 85.8 312 P 08 51 38.8 -0.5
BJI 88.5 315 eP 08 51 51.5 -0.5
XAN 90.6 307 eP 08 52 01.8 -0.2
KMI 91.6 297 eP 08 52 04.5 -2.3

1985 2 19

O=11 40 13.0 ± 0.05s
LAT= 2.27 N ± 0.48km
LONG=126.60 E ± 0.57km
DEPTH= 77 km ± 0.55km
STATIONS USED = 24, STAND DEV= 0.78s

XAN 35.7 334 eP 11 47 04.8 -1.2
CD2 35.7 325 eP 11 47 07.6 0.8
BJI 38.8 347 eP 11 47 32.0 0.0
LZH 39.7 331 eP 11 47 40.5 0.6
MDJ 42.3 3 eP 11 48 01.5 0.8
GTA 44.3 330 eP 11 48 17.3 -0.1
WMQ 53.8 326 eP 11 49 29.5 -1.4

1985 2 19

O=20 44 02.5 ± 0.43s
LAT=23.77 N ± 3.56km
LONG=120.23 E ± 2.78km
DEPTH= 10 km
STATIONS USED = 13, STAND DEV= 3.83s
M_s=3.7/ 2, M_L=3.9/ 6,

SSE 7.4 6 ePn 20 45 50.3 0.0
LE M_s=3.6 12.0 0.61
NJ2 8.3 352 eP 20 46 05.3 -1.4
LE M_s=3.8 9.0 0.49
GYA 12.6 285 eP 20 47 10.3 5.5

1985 2 19

O=22 33 26.0 ± 0.06s
LAT=40.64 N ± 0.71km
LONG= 92.04 E ± 0.42km
DEPTH= 5 km ± 0.00km
STATIONS USED = 6, STAND DEV= 2.52s

M_L=3.3/ 5,
WMQ 4.5 316 ePn 22 34 37.3 1.7
Sg 22 35 44.5 -3.4
SMN M_L=3.3 0.6 0.050
SME 0.6 0.040
GTA 6.1 99 Pn 22 34 58.6 1.5
Pg 22 35 17.4 3.9
Sg 22 36 35.4 -1.4
SMN M_L=3.0 0.7 0.010
SME 0.7 0.010

1985 2 19

O=23 03 43.9 ± 0.10s
LAT=25.76 S ± 1.90km
LONG=178.28 E ± 1.39km
DEPTH=634 km ± 1.46km
STATIONS USED = 45, STAND DEV= 1.40s

m_B=5.5/ 1
NJ2 80.7 312 eP 23 14 54.0 -0.8
WHN 82.9 309 P 23 15 06.0 0.1
MDJ 83.0 327 eP 23 15 05.0 -1.1
TIA 84.4 315 P 23 15 13.1 -0.1
CN2 84.5 325 -P 23 15 12.8 -0.8
PMZ m_B=5.5 4.0 0.50
eS 23 24 51.0 1.7
TIY 88.3 314 -P 23 15 32.3 0.4
XAN 88.7 309 eP 23 15 33.8 0.3
KMI 88.8 299 -P 23 15 34.5 0.4
CD2 90.8 304 +iP 23 15 44.3 1.0
PMZ 1.4 0.10
LZH 93.3 309 eP 23 15 55.0 0.2
GTA 97.7 310 P 23 16 15.3 0.7

1985 2 20

O=04 52 50.2 ± 0.08s
LAT=29.14 N ± 0.91km
LONG=104.75 E ± 0.90km
DEPTH= 17 km ± 0.09km

STATIONS USED = 43, STAND DEV = 2.10s							WMQ 73.4 319 P 08 33 14.5 0.2						
Ms=4.1 / 3, ML=4.3 / 13,							1985 2 20						
CD2	2.0	334	+iPn	04 53 26.0	2.8		O=12 59 28.2			± 0.06s			
			Sn	04 53 52.6	3.5		LAT= 5.80 S			± 1.00km			
			SMN			ML=4.2 1.0 2.20	LONG=104.05 E			± 1.19km			
GYA	3.2	147	-Pn	04 53 42.0	2.2		DEPTH= 73 km			± 0.68km			
			Pg	04 53 52.0	5.9		STATIONS USED = 28, STAND DEV = 1.17s						
			Sn	04 54 24.4	5.5		CD2	36.5	360	eP	13 06 28.6	0.0	
			Sg	04 54 37.0	7.6		LSA	37.4	341	eP	13 06 35.0	-1.6	
			SMN			2.0 2.20	XAN	39.9	6	eP	13 06 56.4	-0.4	
			SME			2.0 2.80	GTA	45.2	355	eP	13 07 40.6	0.7	
KMI	4.4	205	+Pn	04 53 58.5	1.8		WMQ	51.6	345	-P	13 08 28.8	-0.6	
			Pg	04 54 12.0	4.3		CN2	53.0	19	+P	13 08 39.5	-0.8	
			Sg	04 55 08.0	0.3					pP	13 09 00.4	2.0	
			LN			Ms=3.9 6.0 1.20	1985 2 20						
XAN	6.0	35	ePn	04 54 20.5	1.2		O=17 41 26.5			± 0.07s			
			Pg	04 54 42.4	5.6		LAT=36.02 N			± 1.30km			
			Sn	04 55 28.0	-2.1		LONG= 70.91 E			± 0.99km			
			Sg	04 56 00.8	1.4		DEPTH= 93 km			± 0.06km			
			SMN			ML=4.5 1.0 0.37	STATIONS USED = 41, STAND DEV = 1.73s						
			SME			1.0 0.38	ML=4.8 / 2, mB=5.0 / 1						
LZH	7.0	354	ePn	04 54 34.5	2.3		KSH	5.3	48	P	17 42 47.3	2.5	
			LG ₁	04 56 25.0	-4.0					S	17 43 47.0	2.4	
			LG ₂	04 56 38.5	-1.5					SMN		ML=4.7 1.0 0.72	
			LE			Ms=4.1 6.0 0.99	WMQ	15.0	54	eP	17 44 53.5	-2.0	
WHN	8.5	78	eP	04 54 56.0	1.0					sP	17 45 20.5	-1.8	
			iS	04 56 25.0	-5.9					S	17 47 41.0	1.5	
			LN			Ms=4.2 10.0 1.36				SME		2.5 0.18	
TIY	10.7	35	eP	04 55 23.8	-2.1		LSA	18.1	105	P	17 45 31.8	-2.4	
			S	04 57 20.1	-5.7		GTA	23.1	73	P	17 46 26.9	1.9	
GTA	11.0	340	eP	04 55 30.8	0.1					eS	17 50 34.6	8.9	
BTO	12.2	19	eP	04 55 46.0	-0.8					ScS	17 57 24.6	-0.6	
TIA	12.6	53	eP	04 55 50.4	-1.1					SME		mB=5.0 9.0 0.30	
WMQ	20.0	322	+P	04 57 25.5	0.1		LZH	26.6	80	eP	17 46 58.0	-0.2	
CN2	22.1	43	eP	04 57 47.0	0.6					LE		10.0 0.73	
1985 2 20							CD2	27.8	91	eP	17 47 11.0	1.7	
O=08 21 43.0 ± 0.10s							KMI	29.4	103	eP	17 47 27.5	4.0	
LAT= 6.79 S ± 0.81km							BTO	30.9	70	eP	17 47 37.3	0.7	
LONG=147.08 E ± 0.16km							XAN	31.1	82	eP	17 47 38.1	-0.3	
DEPTH= 36 km ± 0.99km							GYA	31.9	97	P	17 47 45.0	-0.5	
STATIONS USED = 29, STAND DEV = 1.18s							TIY	33.1	74	eP	17 47 55.4	-0.5	
QZN	44.8	306	P	08 29 56.4	1.0		WHN	36.5	86	eP	17 48 26.0	1.0	
GYA	51.3	312	eP	08 30 47.6	1.5		1985 2 20						
KMI	53.5	308	eP	08 31 05.0	1.8		O=20 21 12.9 ± 0.08s						
XAN	54.3	321	eP	08 31 07.8	-1.1		LAT= 5.96 S ± 1.43km						
BJI	54.6	331	eP	08 31 09.5	-1.4		LONG=105.36 E ± 1.86km						
CD2	55.9	315	P	08 31 20.4	0.3		DEPTH= 68 km ± 0.79km						
LZH	58.9	320	eP	08 31 41.5	0.2								
GTA	63.4	320	eP	08 32 12.0	0.0								

STATIONS USED = 52, STAND DEV = 1.61s
Ms = 5.0 / 7,

QZN	25.2	10	eP	20 26 37.6	3.4
			eS	20 30 57.0	4.6
			LE	Ms = 4.9	17.0 1.80
KMI	31.0	355	eP	20 27 22.0	-4.8
GYA	32.2	2	P	20 27 38.3	0.7
CD2	36.7	358	eP	20 28 15.3	-0.2
			LE	Ms = 5.3	9.0 1.30
XAN	39.9	5	-P	20 28 42.0	-0.4
			LN	Ms = 5.2	10.0 0.83
			LE		10.0 0.65
LZH	41.8	358	eP	20 28 58.0	-0.4
TIY	43.9	8	eP	20 29 16.0	0.6
			LE	Ms = 5.0	11.0 0.62
GTA	45.4	354	eP	20 29 27.0	-0.4
			PcP	20 31 06.5	1.3
			LN	Ms = 4.9	10.0 0.41
BTO	46.5	5	eP	20 29 36.0	0.0
			LN	Ms = 5.1	10.0 0.60
			LE		10.0 0.40
			LZ	Ms = 5.0	10.0 0.50
BJI	46.8	11	eP	20 29 38.0	-0.3
WMQ	52.1	344	P	20 30 17.0	-1.5
			PcP	20 31 29.8	0.7
CN2	52.7	18	eP	20 30 21.5	-2.1

1985 2 20
O = 21 20 54.6 ± 0.08s
LAT = 7.38 S ± 0.99km
LONG = 124.60 E ± 2.16km
DEPTH = 469 km ± 0.31km
STATIONS USED = 43, STAND DEV = 1.36s

GYA	37.9	333	-P	21 27 33.3	1.4
KMI	38.7	327	eP	21 27 40.5	1.8
WHN	39.0	346	P	21 27 42.5	1.8
NJ2	39.6	352	-P	21 27 46.6	0.8
CD2	43.0	333	-iP	21 28 13.8	0.7
			PMZ		0.7 0.040
XAN	43.8	341	-P	21 28 18.8	-0.6
TIY	46.3	347	eP	21 28 37.6	-1.2
LZH	47.4	337	-iP	21 28 48.5	0.7
			PMZ		1.5 0.090
BJI	47.8	351	eP	21 28 49.5	-1.0
SNY	49.0	359	+iP	21 28 58.8	-0.4
CN2	50.9	1	P	21 29 12.0	-1.9
GTA	51.9	336	-iP	21 29 21.6	0.5
MDJ	51.9	5	eP	21 29 21.0	-0.3
WMQ	60.9	330	-iP	21 30 23.0	-0.3

1985 2 21
O = 06 56 02.6 ± 0.09s
LAT = 23.91 S ± 1.25km
LONG = 179.75 W ± 0.63km
DEPTH = 529 km ± 0.92km
STATIONS USED = 40, STAND DEV = 0.91s

NJ2	80.8	311	-P	07 07 23.0	0.1
MDJ	82.4	326	eP	07 07 30.5	-0.4
WHN	83.2	308	-P	07 07 35.6	0.8
SNY	83.8	321	+iP	07 07 37.9	0.1
CN2	84.0	323	-P	07 07 38.8	-0.2
TIA	84.4	314	eP	07 07 39.4	-1.4
GYA	86.9	301	P	07 07 53.6	0.4
BJI	87.2	316	eP	07 07 54.5	0.3
TIY	88.4	313	-P	07 08 00.8	1.0
			PMZ		1.0 0.050
XAN	88.9	308	-P	07 08 02.8	0.4
KMI	89.5	298	eP	07 08 06.5	1.4
CD2	91.3	303	+iP	07 08 14.8	1.6
BTO	91.5	314	eP	07 08 14.6	0.5

1985 2 21
O = 08 45 15.9 ± 0.12s
LAT = 0.76 S ± 1.42km
LONG = 121.78 E ± 1.40km
DEPTH = 48 km ± 0.47km
STATIONS USED = 39, STAND DEV = 1.21s

GZH	25.1	341	+P	08 50 40.0	2.1
GYA	30.7	333	P	08 51 29.6	0.3
KMI	31.6	326	+P	08 51 38.5	1.0
WHN	31.9	348	eP	08 51 41.0	1.4
NJ2	32.7	355	-P	08 51 47.6	0.8
CD2	35.8	333	+iP	08 52 13.0	-0.5
			PMZ		0.9 0.050
XAN	36.7	342	eP	08 52 19.8	-0.5
TIA	37.0	354	eP	08 52 21.8	-1.6
TIY	39.2	348	eP	08 52 41.8	-0.1
LZH	40.3	337	+P	08 52 51.5	0.9
BJI	40.9	353	eP	08 52 55.0	-0.8
BTO	42.5	347	eP	08 53 08.7	-0.4
GTA	44.8	336	P	08 53 27.6	0.5
MDJ	45.7	8	eP	08 53 31.5	-3.1
WMQ	53.8	330	P	08 54 36.5	-0.3

1985 2 21
O = 12 06 44.6 ± 0.16s
LAT = 24.09 N ± 1.36km
LONG = 121.32 E ± 1.39km
DEPTH = 87 km ± 0.52km
STATIONS USED = 24, STAND DEV = 1.74s

$M_L = 3.9 / 10,$

QZH	2.6	289	-iP	12 07 25.8	-0.2		
			S	12 07 54.8	-2.0		
			SMN	$M_L = 3.7$	0.4	0.48	
			SME		0.4	0.27	
SSE	7.0	359	eP	12 08 31.5	5.3		
			SMN	$M_L = 3.9$	1.0	0.060	
			SME		1.0	0.040	
GZH	7.4	264	eP	12 08 29.0	-2.7		
			S	12 09 48.3	-6.1		
			SMN	$M_L = 4.4$	1.0	0.14	
			SME		1.0	0.13	
NJ2	8.2	345	eP	12 08 42.0	-1.2		
			eS	12 10 09.5	-5.6		
WHN	8.9	318	+iP	12 08 52.0	-0.7		
GYA	13.5	283	eP	12 09 57.0	3.5		
CD2	17.0	297	P	12 10 39.3	1.1		

LZH	36.1	8	+P	16 32 56.0	0.1		
			LE	$M_s = 5.0$	14.0	1.28	
NJ2	37.3	30	eP	16 33 07.0	1.4		
			LN	$M_s = 5.0$	16.0	1.20	
GTA	39.0	2	P	16 33 20.8	0.3		
TIY	39.6	18	eP	16 33 25.6	0.5		
			LN	$M_s = 5.4$	13.0	2.48	
BTO	41.6	14	eP	16 33 44.0	2.0		
			LN	$M_s = 5.4$	12.0	1.80	
			LE		12.0	1.00	
			LZ	$M_s = 5.4$	12.0	1.80	
BJI	43.0	21	eP	16 33 53.3	0.7		
WMQ	44.4	349	eP	16 34 04.3	0.0		
SNY	47.4	26	eP	16 34 27.3	-0.8		
			LN	$M_s = 5.4$	20.0	1.51	
			LE		16.0	1.63	
CN2	49.8	26	+P	16 34 45.4	-1.3		
			eS	16 41 55.0	3.4		
			LE	$M_s = 5.3$	16.0	1.50	

1985 2 21

O = 12 40 10.0 ± 0.23s
 LAT = 28.16 N ± 0.89km
 LONG = 96.75 E ± 2.00km
 DEPTH = 11 km ± 0.80km
 STATIONS USED = 9, STAND DEV = 2.03s

$M_L = 3.8 / 4,$

KMI	6.2	118	ePn	12 41 42.5	1.0		
CD2	6.7	64	Pn	12 41 47.8	-0.9		

1985 2 21

O = 16 25 56.0 ± 0.06s
 LAT = 0.21 N ± 1.51km
 LONG = 98.04 E ± 1.48km
 DEPTH = 47 km ± 0.98km
 STATIONS USED = 53, STAND DEV = 1.22s

$M_s = 5.3 / 12,$

KMI	25.2	10	+P	16 31 20.0	0.8		
			S	16 35 42.0	4.7		
			LN	$M_s = 5.4$	16.0	5.66	
GZH	27.2	32	eP	16 31 38.0	0.6		
			LN	$M_s = 5.1$	15.0	1.60	
			LE		15.0	1.62	
			LZ	$M_s = 5.2$	14.0	2.82	
GYA	27.4	17	eP	16 31 40.0	0.5		
LSA	30.1	348	-P	16 32 03.1	-0.7		
CD2	31.0	10	P	16 32 11.3	-0.5		
WHN	33.9	26	P	16 32 38.3	1.3		
			S	16 38 00.0	3.7		
			LN	$M_s = 5.0$	16.0	1.63	
XAN	35.2	16	+iP	16 32 46.8	-1.0		
			LN	$M_s = 5.2$	14.0	1.71	

1985 2 21

O = 21 52 57.3 ± 0.23s
 LAT = 20.46 S ± 3.39km
 LONG = 70.18 W ± 4.21km
 DEPTH = 27 km ± 1.63km
 STATIONS USED = 47, STAND DEV = 2.54s

KSH	145.4	49	+iPKP	22 12 30.0	-4.1		
WMQ	150.3	33	+PKP	22 12 47.5	5.5		
MDJ	150.9	330	ePKP	22 12 47.5	4.7		
CN2	153.3	334	ePKP	22 12 45.0	-1.3		
GTA	159.2	22	PKP	22 12 54.5	0.2		
BJI	159.7	346	ePKP	22 12 55.0	0.4		
BTO	159.9	360	ePKP	22 12 56.1	1.1		
TIA	163.0	339	-PKP	22 12 58.5	0.5		
XAN	166.4	3	PKP	22 13 01.3	20.1		
CD2	168.2	26	PKP	22 13 03.5	1.1		
			PKP ₂	22 14 11.9			
KMI	172.0	53	+PKP	22 13 04.0	-0.8		
GYA	173.4	25	PKP	22 13 05.4	0.1		

1985 2 22

O = 01 32 20.9 ± 0.07s
 LAT = 28.48 N ± 0.69km
 LONG = 96.44 E ± 1.00km
 DEPTH = 17 km ± 1.08km
 STATIONS USED = 6, STAND DEV = 4.05s

$M_L = 3.7 / 3,$

1985 2 22

O=03 16 18.1 ± 0.14s
 LAT=41.88 N ± 0.96km
 LONG= 79.64 E ± 1.15km
 DEPTH= 11 km ± 0.63km
 STATIONS USED = 8, STAND DEV = 2.58s

$M_L = 3.5 / 6,$

WMQ	6.2	69	Pn	03 17 52.9	2.4
			Sn	03 19 04.3	0.5
			SMN	$M_L = 3.5$	0.8 0.040
			SME		0.8 0.020

1985 2 22

O=05 48 29.4 ± 0.19s
 LAT=19.72 N ± 5.59km
 LONG=155.32 W ± 2.61km
 DEPTH= 6 km ± 0.45km

STATIONS USED = 37, STAND DEV = 1.15s

MDJ	65.9	311	eP	05 59 18.5	-0.7
CN2	69.0	310	+P	05 59 36.3	-2.1
SNY	70.6	308	eP	05 59 48.0	-0.5
NJ2	76.4	299	+P	06 00 21.8	-0.4
BJI	76.5	308	eP	06 00 22.0	-0.7
TIA	76.7	304	+P	06 00 23.3	-0.8
HHC	79.7	310	eP	06 00 39.3	-1.0
TIY	79.9	306	eP	06 00 40.8	-1.0
BTO	80.8	310	eP	06 00 46.5	-0.2
XAN	83.8	304	P	06 01 00.6	-1.3
LZH	87.0	307	eP	06 01 17.5	-0.3
GTA	88.6	311	eP	06 01 25.8	0.2
CD2	89.0	302	P	06 01 27.6	0.3
WMQ	94.5	320	P	06 01 53.0	0.2

1985 2 22

O=08 26 28.0 ± 0.07s
 LAT=39.60 N ± 1.21km
 LONG= 75.33 E ± 0.99km
 DEPTH= 19 km ± 0.32km

STATIONS USED = 35, STAND DEV = 2.00s

$M_s = 4.5 / 2, M_L = 4.4 / 4,$

KSH	0.5	106	-iPg	08 26 38.0	0.0
			Sg	08 26 44.0	-1.5
WMQ	10.2	62	P	08 28 56.0	-0.4
			LN	$M_s = 4.7$	6.0 1.87
LSA	16.3	122	eP	08 30 17.1	-1.5
GTA	18.9	83	P	08 30 50.1	-0.2
LZH	22.8	90	eP	08 31 33.5	2.6
CD2	24.7	102	eP	08 31 52.4	2.6
KMI	27.2	114	eP	08 32 14.0	1.1
XAN	27.4	91	eP	08 32 14.0	-0.5

1985 2 22

O=09 33 38.3 ± 0.12s
 LAT=55.74 S ± 4.94km
 LONG= 26.76 W ± 4.41km
 DEPTH= 32 km ± 0.27km

STATIONS USED = 45, STAND DEV = 2.70s

$M_s = 5.9 / 2,$

GYA	135.6	112	ePKP	09 52 57.4	0.7
CD2	137.5	105	ePKP	09 53 02.3	2.1
WMQ	137.6	78	PKP	09 52 56.0	-4.5
LZH	141.4	100	ePKP	09 53 04.0	-3.4
GTA	141.5	92	ePKP	09 53 02.1	-5.4
XAN	142.7	107	ePKP	09 53 06.8	-2.6
NJ2	146.3	120	+PKP	09 53 17.0	1.4
			LZ	$M_s = 5.5$	20.0 0.60
SSE	146.6	124	ePKP	09 53 16.0	-0.1
			LZ	$M_s = 6.2$	18.0 2.31
BTO	148.0	100	ePKP	09 53 17.5	-1.1
TIA	148.7	113	PKP	09 53 19.4	-0.2
HHC	149.1	101	PKP	09 53 24.5	4.2
BJI	151.0	107	ePKP	09 53 28.5	5.4
DL2	153.1	115	ePKP	09 53 33.4	7.3
CN2	158.6	112	ePKP	09 53 32.0	-1.5

1985 2 22

O=11 26 00.9 ± 0.06s
 LAT=39.31 N ± 0.53km
 LONG=116.82 E ± 0.55km
 DEPTH= 5 km ± 0.24km

STATIONS USED = 7, STAND DEV = 2.20s

$M_L = 3.1 / 7,$

BJI	0.9	326	Pg	11 26 15.0	-1.6
			Sg	11 26 27.0	-1.7
TIA	3.1	176	ePn	11 26 51.9	1.1
			Sn	11 27 26.4	-3.9
			Sg	11 27 35.8	-2.3
			SMN	$M_L = 2.7$	0.4 0.030
			SME		0.4 0.020
			SMZ	$M_L = 2.7$	0.4 0.020
HHC	4.3	293	ePg	11 27 19.3	1.9
			Sg	11 28 17.6	1.4
			SME	$M_L = 3.3$	0.8 0.050

1985 2 22

O=14 14 14.2 ± 0.10s
 LAT=18.30 N ± 1.44km
 LONG=146.88 E ± 2.70km
 DEPTH= 83 km ± 0.60km

STATIONS USED = 40, STAND DEV = 1.91s

$M_s = 4.7 / 2,$

O = 20 32 37.9 ± 0.07s
 LAT = 23.05 N ± 1.01km
 LONG = 98.92 E ± 0.75km
 DEPTH = 33 km ± 1.08km
 STATIONS USED = 5, STAND DEV = 2.65s
 $M_L = 3.7 / 4,$
 KMI 4.1 59 ePg 20 33 50.5 0.4
 Sg 20 34 38.0 -7.4
 SMN $M_L = 3.7$ 1.5 0.14

1985 2 22
 O = 20 38 45.4 ± 0.10s
 LAT = 54.62 N ± 3.07km
 LONG = 161.24 W ± 1.29km
 DEPTH = 32 km ± 0.23km
 STATIONS USED = 65, STAND DEV = 0.84s
 $M_s = 5.3 / 8,$

MDJ	44.2	287	eP	20 46 52.5	-1.1		
CN2	47.0	288	eP	20 47 15.3	-0.7		
SNY	49.3	288	+P	20 47 34.4	0.2		
			eS	20 54 32.0	-5.8		
			LN	$M_s = 5.4$	22.0	1.87	
			LE		20.0	1.44	
DL2	52.4	286	eP	20 47 57.0	-0.5		
BJI	54.6	291	eP	20 48 13.0	-0.9		
TIA	56.8	287	eP	20 48 29.4	-0.6		
			LE	$M_s = 5.2$	23.0	1.36	
			LZ	$M_s = 5.2$	23.0	1.33	
BTO	57.5	296	+iP	20 48 34.4	-0.4		
			LN	$M_s = 5.5$	15.0	1.00	
			LE		15.0	1.60	
			LZ	$M_s = 5.6$	15.0	2.50	
SSE	58.3	280	-P	20 48 40.0	-0.1		
			PMZ		2.0	0.27	
			LZ	$M_s = 5.0$	26.0	1.02	
TIY	58.3	292	eP	20 48 39.8	-0.6		
			LE	$M_s = 5.0$	13.0	0.50	
NJ2	58.9	283	+P	20 48 43.6	-0.9		
WHN	62.6	285	P	20 49 09.5	0.0		
XAN	63.0	291	P	20 49 11.4	-0.6		
GTA	63.6	301	+iP	20 49 15.9	-0.5		
LZH	64.1	296	+iP	20 49 19.5	-0.1		
			PMZ		2.0	0.25	
WMQ	65.8	312	+iP	20 49 30.5	0.1		
			iPcP	20 50 02.0	1.6		
CD2	68.1	293	+iP	20 49 45.5	0.3		
			PMZ		0.8	0.040	
GZH	68.9	280	eP	20 49 50.8	1.0		
GYA	70.0	288	P	20 49 56.8	-0.1		
			S	20 59 08.0	4.9		

			PS	20 59 37.0			
KMI	73.3	290	eP	20 50 16.0	-0.3		
			pP	20 50 27.0	1.6		
			eS	20 59 40.0	-2.0		
KSH	74.3	317	P	20 50 24.0	1.8		
			LN	$M_s = 5.7$	14.0	1.70	
LSA	75.6	301	+P	20 50 30.3	-0.1		

1985 2 22
 O = 22 32 04.5 ± 0.14s
 LAT = 42.30 S ± 2.58km
 LONG = 88.45 E ± 3.09km
 DEPTH = 9 km ± 0.18km
 STATIONS USED = 15, STAND DEV = 2.22s

GYA	70.5	17	eP	22 43 27.0	5.0		
CD2	74.2	14	P	22 43 43.8	-0.4		
XAN	78.3	17	eP	22 44 05.3	-1.8		
GTA	82.0	9	eP	22 44 26.6	-0.6		
TIA	82.4	23	eP	22 44 29.3	0.0		
BJI	85.7	21	eP	22 44 45.0	-1.0		
WMQ	85.7	359	P	22 44 49.5	3.3		

1985 2 23
 O = 01 01 29.9 ± 0.06s
 LAT = 6.57 N ± 0.95km
 LONG = 125.87 E ± 1.44km
 DEPTH = 161 km ± 0.20km
 STATIONS USED = 86, STAND DEV = 1.05s

				$m_B = 5.5 / 2$			
QZH	19.6	340	eP	01 05 47.3	-0.1		
			sP	01 06 35.0	-0.7		
			SME	$m_B = 5.6$	10.0	1.97	
QZN	19.9	310	eP	01 05 52.3	1.1		
			sP	01 06 40.5	0.5		
			eS	01 09 18.5	-3.1		
			SMN	$m_B = 5.5$	9.0	1.55	
			SS	01 10 10.0	7.0		
GZH	20.4	325	P	01 05 56.0	0.2		
			S	01 09 37.0	7.5		
SSE	24.8	350	-P	01 06 39.5	0.9		
			PMZ		1.3	0.12	
			sP	01 07 24.0	-5.9		
			S	01 10 49.0	2.8		
NJ2	26.2	346	-P	01 06 51.8	0.2		
			eS	01 11 12.0	2.0		
			ScP	01 13 40.0	2.7		
WHN	26.2	337	-P	01 06 52.3	0.7		
GYA	27.0	319	P	01 06 59.0	0.3		
			S	01 11 21.0	-0.6		
KMI	28.8	312	+P	01 07 16.0	0.4		

			PcP	08 32 43.3	1.7		
			ScP	08 35 46.3	1.5		
			S	08 35 09.4	2.0		
			ScS	08 39 49.3	2.5		
GZH	35.5	238	-iP	08 30 27.8	0.3		
CD2	36.0	258	-iP	08 30 32.0	0.3		
			PMZ			1.0	0.60
			S	08 35 38.0	-1.4		
GYA	37.0	250	-P	08 30 40.5	-0.3		
			pP	08 31 55.0	-4.8		
			PcP	08 32 51.4	0.3		
			S	08 35 52.0	-3.6		
WMQ	39.9	287	-iP	08 31 05.0	0.7		
			PMZ			1.0	0.36
			pP	08 32 22.5	-1.7		
			PP	08 32 51.0	3.3		
			iScP	08 36 08.3	1.0		
			eS	08 36 40.0	0.9		
			SMN			2.0	0.13
			iScS	08 40 22.0	0.8		
KMI	40.5	252	-iP	08 31 09.0	-0.2		
			PMZ			2.0	0.41
			PP	08 32 53.0	0.2		
			S	08 36 46.0	-0.6		
QZN	40.7	238	eP	08 31 11.3	1.0		
LSA	45.2	267	-P	08 31 47.0	0.1		
KSH	49.7	288	-iP	08 32 22.0	1.2		
			eS	08 39 00.0	2.8		
1985 2 23							
O = 10 07 22.8 ± 0.11s							
LAT = 29.06 N ± 1.36km							
LONG = 94.67 E ± 1.13km							
DEPTH = 15 km ± 0.03km							
STATIONS USED = 32, STAND DEV = 2.57s							
M_L = 3.9 / 4,							
LSA	3.1	283	Pg	10 08 20.3	1.5		
			Sg	10 08 59.3	-1.9		
			SMN			M _L = 3.5	0.9 0.15
			SME				1.1 0.16
KMI	8.2	117	eP	10 09 25.0	0.5		
LZH	10.4	45	eP	10 09 55.0	-0.5		
GYA	10.9	101	P	10 10 01.6	-0.7		
GTA	11.2	21	P	10 10 04.0	-1.4		
XAN	13.1	64	eP	10 10 28.5	-3.2		
WMQ	15.8	341	+iP	10 11 11.5	5.3		
			PMZ			2.0	0.070
			eS	10 14 06.0	4.9		
BJI	20.8	53	eP	10 12 05.0	-1.1		

1985 2 23							
O = 10 50 30.5 ± 0.07s							
LAT = 38.11 N ± 0.69km							
LONG = 106.26 E ± 0.63km							
DEPTH = 5 km ± 0.43km							
STATIONS USED = 11, STAND DEV = 3.10s							
M_L = 3.4 / 11,							
LZH	2.8	224	ePn	10 51 19.5	3.1		
			eSn	10 51 55.0	2.7		
			SMN			M _L = 3.3	1.5 0.15
			SME				1.5 0.14
BTO	3.8	48	ePg	10 51 38.0	-0.3		
			eSg	10 52 25.8	-4.6		
			SMN			M _L = 3.1	0.6 0.040
			SME				0.6 0.050
XAN	4.6	151	ePn	10 51 43.3	2.2		
			Pg	10 51 53.0	1.2		
			Sn	10 52 28.5	-8.5		
			Sg	10 52 49.1	-5.6		
			SMN			M _L = 3.0	0.4 0.030
			SME				0.3 0.020
TIY	4.9	93	ePg	10 51 56.6	-0.6		
			SMN			M _L = 3.9	0.5 0.13
			SME				0.4 0.18
HHC	4.9	55	ePg	10 51 57.8	0.0		
			SMN			M _L = 3.6	0.4 0.070
			SME				0.4 0.070
GTA	5.2	286	Pn	10 51 49.8	-0.3		
			Pg	10 52 04.0	1.6		
			Sg	10 53 06.3	-7.2		
			SMN			M _L = 3.2	0.8 0.030
			SME				0.6 0.020

1985 2 23							
O = 11 56 30.8 ± 0.05s							
LAT = 42.40 N ± 0.33km							
LONG = 85.10 E ± 0.36km							
DEPTH = 16 km ± 0.22km							
STATIONS USED = 5, STAND DEV = 2.10s							
M_L = 3.2 / 4,							
WMQ	2.4	52	Pn	11 57 11.5	1.8		
			Sg	11 57 47.0	1.7		
			SMN			M _L = 3.1	0.6 0.13

1985 2 23							
O = 13 41 54.5 ± 0.06s							
LAT = 10.17 S ± 1.04km							
LONG = 161.21 E ± 1.26km							
DEPTH = 87 km ± 0.33km							
STATIONS USED = 94, STAND DEV = 1.44s							

Ms = 5.8 / 23,		m _B = 6.2 / 27										
QZH	54.3	311	-iP	13 51 15.0	0.7			pP	13 52 23.5	-0.8		
			pP	13 51 34.0	-1.3			S	14 00 12.0	-1.0		
			iS	13 58 46.0	2.2			SMN	m _B = 6.6	8.0 5.37		
			LE	Ms = 5.5	16.0	2.27	MDJ	61.6	335	-iP	13 52 05.5	-0.1
SSE	56.2	318	-P	13 51 27.8	-0.4			PP	13 54 26.0	2.4		
			PMZ	m _B = 6.3	5.0	1.82		S	14 00 12.0	-6.1		
			pP	13 51 48.5	-0.9			LZ	Ms = 5.7	35.0 6.56		
			sP	13 51 57.0	-2.5		TIA	62.0	320	-P	13 52 07.3	-1.4
			PP	13 53 37.0	1.8			PMZ	m _B = 6.1	6.5 1.46		
			ScP	13 56 15.0	1.2			pP	13 52 29.5	-0.7		
			S	13 59 09.0	0.8			ePP	13 54 28.5	0.8		
			SMN	m _B = 6.6	7.0	5.63		eS	14 00 21.0	-4.4		
			SME		7.0	2.85		SMN	m _B = 6.1	9.0 2.47		
			PS	13 59 38.0				SME		6.0 0.62		
			sS	13 59 47.0	0.9			PS	14 00 39.0			
			SS	14 02 55.0	-1.1			ScS	14 01 53.8	6.0		
			LZ	Ms = 5.9	30.0	9.63		SS	14 04 21.5	-8.4		
GZH	57.3	306	-P	13 51 36.1	-0.2			LN	Ms = 5.7	19.0 2.71		
			pP	13 51 56.0	-1.5			LE		13.0 0.95		
			sP	13 52 08.0	0.3		SNY	62.2	329	-P	13 52 09.3	-0.5
			iS	13 59 30.0	5.4			PMZ	m _B = 6.4	4.0 1.90		
			SMN	m _B = 6.4	7.0	3.14		pP	13 52 30.5	-0.8		
			SME		6.0	1.72		sP	13 52 38.0	-3.4		
			sS	14 00 03.5	2.2			S	14 00 26.0	-0.2		
			SS	14 03 15.1	-0.4			SMN	m _B = 6.6	8.0 7.99		
			LN	Ms = 5.9	24.0	5.63		SME		9.0 2.86		
			LE		24.0	3.44		PS	14 00 58.0			
NJ2	58.3	318	-P	13 51 43.4	0.1			LN	Ms = 6.2	38.0 13.3		
			PMZ	m _B = 6.2	5.5	1.70		LE		34.0 11.6		
			pP	13 52 03.0	-1.5		CN2	62.8	332	-iP	13 52 13.3	-0.3
			iS	13 59 39.0	1.5			PMZ	m _B = 6.4	6.0 3.20		
			SMN	m _B = 6.4	8.0	3.30		pP	13 52 36.0	0.9		
			SME		7.0	3.70		sP	13 52 43.0	-2.1		
			LZ	Ms = 5.7	21.0	3.60		S	14 00 33.0	-0.3		
QZN	58.4	300	P	13 51 44.3	0.8			SMN	m _B = 6.4	10.0 4.80		
			pP	13 52 05.0	0.2			SME		10.0 3.50		
			PcP	13 52 35.0	2.4			sS	14 01 17.0	5.3		
			ScP	13 56 28.0	4.7		GYA	64.3	306	-P	13 52 23.0	-0.5
			S	13 59 41.0	4.2			pP	13 52 44.0	-0.9		
			SMN	m _B = 6.1	10.0	2.70		S	14 00 56.0	4.2		
			SME		9.0	1.30		PS	14 01 25.0			
			LN	Ms = 5.8	14.0	3.00		ScS	14 02 06.0	1.4		
WHN	60.5	314	-P	13 51 58.4	0.0			LN	Ms = 5.7	15.0 1.80		
			pP	13 52 21.0	1.1			LE		15.0 1.20		
			iS	14 00 05.0	-1.0			LZ	Ms = 5.6	15.0 2.10		
			SMN	m _B = 6.1	10.0	2.94	BJI	65.1	323	eP	13 52 28.0	-0.5
			PS	14 00 33.0				PMZ	m _B = 6.1	5.0 1.32		
			LE	Ms = 5.7	22.0	3.58		pP	13 52 50.0	-0.1		
DL2	61.2	325	P	13 52 02.0	-0.8			iS	14 01 04.0	1.3		

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NJ2	78.6	309	-P	19 25 35.0	0.0
MDJ	78.9	325	+P	19 25 35.5	-0.9
DL2	80.3	316	eP	19 25 43.0	-0.7
SNY	80.7	320	eP	19 25 44.6	-1.2
CN2	80.7	322	-P	19 25 45.0	-1.0
WHN	81.3	306	+P	19 25 50.0	1.1
TIA	81.9	312	eP	19 25 51.9	-0.3
BJI	84.5	315	eP	19 26 05.0	0.2
GYA	85.7	300	P	19 26 11.6	0.7
TIY	86.0	312	+P	19 26 12.5	0.4
XAN	86.9	307	+iP	19 26 17.6	0.9
KMI	88.5	297	+P	19 26 25.5	1.4
CD2	89.7	303	P	19 26 30.8	1.0
LZH	91.6	308	eP	19 26 39.0	0.6
GTA	95.7	310	eP	19 26 57.3	0.0

1985 2 23

O = 23 09 59.9 ± 0.12s
 LAT = 2.15 S ± 1.61km
 LONG = 119.82 E ± 2.32km
 DEPTH = 50 km ± 0.38km
 STATIONS USED = 59, STAND DEV = 1.82s
 Ms = 4.7 / 5,

QZN	23.2	335	eP	23 15 04.8	1.1
			eS	23 19 14.0	6.1
GZH	25.9	346	eP	23 15 28.3	-0.7
			S	23 20 00.0	8.1
			SMN	14.0	1.60
			SME	14.0	1.35
GYA	31.1	337	P	23 16 17.8	1.0
KMI	31.8	330	+P	23 16 22.5	0.2
			sP	23 16 42.0	2.4
			LZ	Ms=4.7	24.0 1.17
WHN	32.9	351	P	23 16 35.0	2.9
SSE	33.1	2	eP	23 16 34.0	0.5
			S	23 21 52.0	5.2
			LN	Ms=4.7	22.0 1.14
NJ2	34.0	359	eP	23 16 40.0	-1.6
			S	23 22 06.0	4.7
			LZ	Ms=4.7	19.0 0.87
CD2	36.3	336	P	23 16 59.3	-1.4
XAN	37.4	345	eP	23 17 09.1	-1.4
TIA	38.2	356	eP	23 17 18.8	1.5
TIY	40.2	351	P	23 17 35.3	1.3
			LE	Ms=4.7	12.0 0.41
LZH	40.9	340	eP	23 17 40.0	0.8
LSA	41.9	321	P	23 17 50.3	2.4
BJI	42.1	356	eP	23 17 49.0	-0.3
BTO	43.5	349	eP	23 18 01.0	0.4
SNY	43.9	4	eP	23 18 03.3	-0.6

			S	23 24 39.0	9.0
			LE	Ms=4.9	29.0 1.43
GTA	45.3	338	P	23 18 15.4	0.5
CN2	46.0	6	eP	23 18 20.0	-0.8
MDJ	47.4	9	eP	23 18 30.0	-1.4
WMQ	54.1	332	+iP	23 19 23.5	1.1
			PMZ		1.5 0.10
KSH	57.7	321	eP	23 19 50.0	1.5

1985 2 24

O = 01 26 57.0 ± 0.06s
 LAT = 2.23 S ± 1.10km
 LONG = 120.00 E ± 1.87km
 DEPTH = 32 km ± 0.05km
 STATIONS USED = 31, STAND DEV = 1.27s

GZH	26.0	346	P	01 32 29.0	0.1
KMI	31.9	329	-P	01 33 24.0	1.5
NJ2	34.1	358	eP	01 33 42.0	0.8
CD2	36.4	336	eP	01 33 58.3	-2.5
XAN	37.6	345	eP	01 34 09.8	-0.7
TIA	38.3	356	eP	01 34 17.4	0.4
LZH	41.0	340	eP	01 34 39.0	-0.2
LSA	42.1	321	P	01 34 49.0	0.8
BJI	42.2	356	eP	01 34 49.5	0.5
BTO	43.6	349	eP	01 35 02.6	2.2
SNY	44.0	4	eP	01 35 02.0	-1.3
GTA	45.4	338	P	01 35 15.0	0.0
WMQ	54.2	332	P	01 36 22.0	-0.5
KSH	57.9	321	eP	01 36 50.0	1.3

1985 2 24

O = 02 07 31.9 ± 0.10s
 LAT = 31.99 S ± 3.19km
 LONG = 110.64 W ± 2.50km
 DEPTH = 8 km ± 0.28km
 STATIONS USED = 31, STAND DEV = 2.04s

HHC	145.2	297	ePKP	02 27 10.8	-0.6
BTO	146.4	296	ePKP	02 27 13.0	-0.4
XAN	146.9	284	+PKP	02 27 14.3	0.1
GYA	147.1	270	PKP	02 27 16.4	1.8
KMI	150.0	265	+PKP	02 27 23.5	4.1
			SKKS	02 37 59.0	
CD2	150.7	277	ePKP	02 27 25.0	4.7
LZH	151.2	288	+iPKP	02 27 26.0	4.8
GTA	154.3	295	PKP	02 27 24.6	-0.9
WMQ	161.4	315	PKP	02 27 31.3	-2.8
KSH	170.8	326	PKP	02 27 42.0	0.3

1985 2 24

O = 02 26 57.1 ± 0.08s

LAT = 2.05 S ± 1.22km				CD2 36.2 336 +iP 02 33 55.8 -0.3							
LONG = 119.82 E ± 1.71km				sP 02 34 22.0 5.1							
DEPTH = 61 km ± 0.02km				eS 02 39 30.0 -0.6							
STATIONS USED = 104, STAND DEV = 1.40s				LN Ms = 5.8 13.0 4.90							
Ms = 5.7 / 26, mb = 5.8 / 6				LE 12.0 5.30							
QZN	23.1	335	eP	02 31 59.3	0.4	XAN	37.3	345	eP	02 34 03.0	-2.8
			pP	02 32 13.0	0.5				pP	02 34 20.0	-0.2
			PP	02 32 34.0	3.9				iS	02 39 53.0	4.5
			iS	02 36 11.5	9.9				LN	Ms = 5.7	15.0 4.88
			SMN	mb = 5.9	10.0 3.30				LE		15.0 3.66
			LN	Ms = 5.4	14.0 5.20	TIA	38.1	356	-P	02 34 12.9	0.4
			LE		12.0 2.10				pP	02 34 28.0	1.0
GZH	25.8	346	-P	02 32 25.5	1.3				S	02 40 08.5	8.8
			S	02 36 54.0	8.4				SMN	mb = 5.8	12.0 2.03
			SMN		13.0 9.62				LN	Ms = 5.7	19.0 3.49
			SME		13.0 6.76				LE		19.0 5.60
			LN	Ms = 5.4	10.0 3.08	TIY	40.2	351	+P	02 34 29.5	0.2
			LE		11.0 2.49				pP	02 34 47.0	3.3
QZH	26.9	358	eP	02 32 35.0	0.7				sP	02 34 54.5	4.2
			sP	02 32 53.5	-1.3				S	02 40 31.0	1.1
			S	02 37 07.0	3.6				sS	02 40 55.0	-1.0
			sS	02 37 33.0	4.5				LE	Ms = 5.6	11.0 2.73
			LN	Ms = 5.6	17.0 8.26	LZH	40.8	340	eP	02 34 35.0	0.6
GYA	31.1	337	P	02 33 13.0	0.9				PMZ		2.5 0.29
			pP	02 33 24.0	-2.0				pP	02 34 49.0	0.3
			sP	02 33 33.0	0.4				ePP	02 36 14.0	2.4
			PP	02 34 23.0	8.3				eS	02 40 43.0	2.6
			S	02 38 20.0	9.7				LN	Ms = 5.8	12.0 2.18
			LN	Ms = 5.7	18.0 3.80				LE		14.0 5.13
			LE		18.0 8.30	DL2	40.8	2	eP	02 34 33.0	-1.4
			LZ	Ms = 5.8	18.0 12.2				sP	02 34 56.0	0.5
KMI	31.7	330	+P	02 33 18.0	0.4				eS	02 40 39.0	-1.3
			PMZ	mb = 6.0	4.0 0.96				LN	Ms = 5.8	16.0 3.81
			pP	02 33 29.0	-2.5				LE		18.0 6.32
			S	02 38 25.0	4.9				LSA	41.8 321	P 02 34 44.3 1.0
			LN	Ms = 5.7	18.0 9.77				iS	02 41 03.3	6.9
WHN	32.8	351	P	02 33 29.0	1.6				LN	Ms = 5.6	20.0 5.26
			pP	02 33 44.0	2.4				BJI	42.0 356	+P 02 34 44.5 0.0
			PP	02 34 45.0	7.4				PMZ		3.0 0.55
			SMN		14.0 3.08				eS	02 40 49.0	-9.6
			LN	Ms = 5.5	14.0 3.86				SMN	mb = 5.4	9.0 0.62
SSE	33.0	2	+P	02 33 29.0	0.3				LN	Ms = 5.6	15.0 3.50
			pP	02 33 44.0	1.0				HHC	43.4 351	eP 02 34 56.8 1.2
			sP	02 33 51.0	1.6				BTO	43.4 349	P 02 34 55.0 -0.8
			LN	Ms = 5.6	22.0 8.69				S	02 41 24.0	6.6
			LZ	Ms = 5.7	22.0 9.57				LN	Ms = 5.6	13.0 2.40
NJ2	33.9	359	+P	02 33 37.0	0.2				LE		13.0 1.70
			iS	02 38 58.0	2.2				LZ	Ms = 5.6	13.0 3.00
			sS	02 39 23.0	2.3				SNY	43.8 4	eP 02 34 57.4 -1.7
			LZ	Ms = 5.5	19.0 6.10				S	02 41 25.0	1.3

LONG = 119.76 E ± 2.32km
 DEPTH = 33 km ± 0.10km
 STATIONS USED = 24, STAND DEV = 1.93s

GYA	31.2	337	eP	10 40 34.8	1.6
KMI	31.8	330	+P	10 40 39.0	0.4
WHN	33.0	351	eP	10 40 52.0	3.3
NJ2	34.1	359	eP	10 40 59.4	1.2
CD2	36.3	336	eP	10 41 16.4	-0.8
XAN	37.5	345	eP	10 41 26.4	-0.7
BJI	42.2	356	eP	10 42 06.0	0.0
BTO	43.5	349	eP	10 42 16.0	-1.2
SNY	43.9	4	eP	10 42 21.1	0.5
GTA	45.3	338	P	10 42 32.3	0.9
WMQ	54.1	332	eP	10 43 39.5	0.6

1985 2 24

O = 13 07 40.8 ± 0.05s
 LAT = 2.20 S ± 0.85km
 LONG = 119.73 E ± 1.31km
 DEPTH = 42 km ± 0.04km

STATIONS USED = 44, STAND DEV = 0.91s

QZN	23.2	336	P	13 12 47.1	1.7
GYA	31.2	337	P	13 14 00.0	1.4
KMI	31.8	330	eP	13 14 04.0	0.0
			eS	13 19 15.0	4.9
WHN	33.0	351	-P	13 14 15.4	1.2
NJ2	34.1	359	+P	13 14 24.8	1.1
CD2	36.3	336	eP	13 14 42.3	-0.3
TIA	38.3	357	eP	13 14 58.4	-1.0
LZH	40.9	340	eP	13 15 21.5	0.4
BJI	42.2	356	eP	13 15 31.0	-0.4
BTO	43.5	349	eP	13 15 42.6	0.0
GTA	45.3	338	P	13 15 57.0	0.2
WMQ	54.1	332	+P	13 17 03.5	-0.7
KSH	57.7	321	eP	13 17 31.0	0.8

1985 2 24

O = 15 50 57.4 ± 0.06s
 LAT = 30.53 N ± 0.84km
 LONG = 94.28 E ± 0.26km
 DEPTH = 8 km ± 0.01km

STATIONS USED = 5, STAND DEV = 1.84s

$M_L = 3.8 / 2,$

LSA	2.8	254	Pn	15 51 43.8	-0.1
			Pg	15 51 43.8	-3.7
			Sn	15 52 19.3	-0.3
			SME		2.0 0.29

1985 2 24

O = 16 38 05.1 ± 0.03s

LAT = 35.12 N ± 0.26km
 LONG = 111.19 E ± 0.28km
 DEPTH = 19 km ± 0.13km
 STATIONS USED = 8, STAND DEV = 2.46s

$M_L = 3.3 / 6,$

XAN	2.2	241	Pn	16 38 41.3	0.6
			Pg	16 38 44.8	1.4
			Sg	16 39 15.4	2.3
TIY	2.8	21	Pg	16 38 53.8	-0.5
			Sg	16 39 28.0	-4.1
			SMN	$M_L = 3.3$	0.7 0.19
			SME		0.7 0.12
TIA	5.0	76	cPg	16 39 37.4	4.8
			cSg	16 40 32.6	-7.7
			SMN	$M_L = 3.4$	0.8 0.030
			SME		0.8 0.070
			SMZ	$M_L = 2.9$	0.8 0.010

1985 2 24

O = 19 17 44.8 ± 0.10s
 LAT = 1.08 S ± 1.28km
 LONG = 127.14 E ± 2.74km
 DEPTH = 34 km ± 0.16km

STATIONS USED = 25, STAND DEV = 1.77s

WHN	33.7	340	eP	19 24 26.5	0.9
NJ2	33.9	347	eP	19 24 27.8	1.0
KMI	35.2	319	eP	19 24 40.0	1.8
CD2	38.8	327	eP	19 25 09.1	0.4
XAN	38.9	336	+P	19 25 09.8	0.4
TIY	40.9	342	eP	19 25 27.0	0.7
BJI	42.1	347	eP	19 25 35.0	-1.1
LZH	42.9	332	eP	19 25 43.0	0.6
			PMZ		1.2 0.060
GTA	47.4	331	-iP	19 26 19.4	0.6
WMQ	56.9	327	+P	19 27 29.5	-0.1

1985 2 24

O = 22 37 24.1 ± 0.07s
 LAT = 12.96 S ± 1.09km
 LONG = 165.77 E ± 1.80km
 DEPTH = 34 km ± 0.36km

STATIONS USED = 52, STAND DEV = 1.10s

NJ2	63.4	316	+P	22 47 52.8	-0.4
WHN	65.7	312	eP	22 48 08.5	0.5
DL2	66.0	324	P	22 48 09.5	-0.6
MDJ	66.0	333	+P	22 48 10.0	-0.3
SNY	66.9	327	eP	22 48 15.1	-0.8
TIA	67.1	319	eP	22 48 14.8	-1.9
CN2	67.4	329	eP	22 48 18.0	-0.8
GYA	69.5	305	-P	22 48 32.0	-0.2

BJI	70.0	322	eP	22 48 34.5	-0.4
TIY	71.0	318	P	22 48 41.0	-0.1
XAN	71.4	313	-P	22 48 43.9	0.2
KMI	72.1	302	-P	22 48 48.5	0.4
CD2	73.8	308	P	22 48 57.6	0.0
BTO	74.1	319	eP	22 49 00.8	1.0
LZH	76.1	313	eP	22 49 11.0	0.1
GTA	80.4	314	-iP	22 49 35.6	0.8
WMQ	90.5	315	-P	22 50 24.0	-0.6

1985 2 25

O=04 11 25.5 ± 0.06s
 LAT=42.48 N ± 1.27km
 LONG=143.56 E ± 0.92km
 DEPTH= 81 km ± 0.63km

STATIONS USED = 42, STAND DEV = 1.15s

MDJ	10.4	287	eP	04 13 54.5	1.2
CN2	13.3	282	eP	04 14 31.8	-0.6
SNY	14.8	274	+P	04 14 51.8	-0.5
DL2	17.0	265	eP	04 15 19.5	-0.1
BJI	20.7	272	eP	04 16 02.0	0.6
TIA	21.3	262	eP	04 16 05.4	-2.4
WHN	26.2	253	+iP	04 16 56.0	1.4
XAN	28.3	264	eP	04 17 13.9	-0.1
LZH	31.2	272	-P	04 17 40.5	0.9
GTA	32.9	280	P	04 17 55.3	0.7
CD2	33.7	263	+iP	04 18 01.3	0.4
GYA	34.1	254	P	04 18 04.6	0.2
KMI	37.7	256	+P	04 18 36.0	0.9

1985 2 25

O=06 51 47.7 ± 0.10s
 LAT= 2.14 S ± 1.28km
 LONG=119.68 E ± 1.58km
 DEPTH= 41 km ± 0.29km

STATIONS USED = 39, STAND DEV = 1.72s

GYA	31.1	337	eP	06 58 04.5	-0.4
KMI	31.7	330	+P	06 58 11.5	1.2
WHN	32.9	352	eP	06 58 23.0	2.5
CD2	36.2	336	-iP	06 58 48.5	-0.4
XAN	37.4	345	eP	06 58 58.0	-0.9
BJI	42.1	356	eP	06 59 37.0	-0.9
SNY	43.9	4	+P	06 59 50.5	-2.1
GTA	45.2	338	eP	07 00 03.8	0.6
CN2	46.0	6	eP	07 00 07.0	-2.6
WMQ	54.0	332	P	07 01 10.5	-0.1

1985 2 25

O=08 34 10.5 ± 0.07s
 LAT= 0.10 N ± 1.08km

LONG = 123.50 E ± 1.53km					
DEPTH = 164 km ± 0.12km					
STATIONS USED = 92, STAND DEV = 1.29s					
m _B = 5.6 / 9					
QZN	23.1	325	+iP	08 39 04.0	1.1
			PMZ	m _B = 5.9	5.0 1.87
			pP	08 39 36.0	1.3
			sP	08 39 56.0	1.6
			SMN	m _B = 5.8	8.0 2.53
			SME		7.5 1.52
GZH	24.9	337	-P	08 39 22.0	2.1
			sP	08 40 10.0	-1.9
			eS	08 43 36.0	7.2
			sS	08 44 32.0	5.8
			LN		15.0 2.00
			LE		20.0 2.12
QZH	25.1	349	-P	08 39 23.0	0.7
			sP	08 40 12.0	-2.4
			S	08 43 35.0	2.6
			sS	08 44 30.0	-0.7
GYA	30.8	330	P	08 40 13.8	0.2
			sP	08 41 04.0	-2.4
			PcP	08 43 06.5	0.4
			S	08 45 02.0	-1.2
			LN		12.0 1.20
			LE		12.0 1.40
SSE	30.9	356	eP	08 40 14.0	-0.2
			pP	08 40 48.0	-0.1
			sP	08 41 05.0	-2.2
			ePP	08 41 24.0	2.3
			eS	08 45 08.0	2.7
			sS	08 46 08.0	2.9
			LN		20.0 1.47
			LZ		20.0 1.75
WHN	31.5	345	P	08 40 21.3	1.9
			ipP	08 40 55.3	2.0
KMI	32.0	323	eP	08 40 24.0	0.3
			PMZ	m _B = 5.6	7.0 0.92
			sP	08 41 14.0	-2.6
			S	08 45 24.0	3.0
NJ2	32.1	353	-P	08 40 24.5	0.0
			PMZ	m _B = 5.8	4.0 0.80
			isS	08 46 25.0	1.1
CD2	35.9	330	eP	08 40 57.0	-0.2
			sP	08 41 49.0	-1.8
			S	08 46 22.0	0.0
TIA	36.4	351	eP	08 40 59.5	-1.8
			pP	08 41 37.3	1.1
			sP	08 41 53.0	-2.0
			ScP	08 46 53.3	1.9

SME		1.0	0.10
1985 2 27			
O=05 30 22.5	± 0.07s		
LAT= 0.19 S	± 0.74km		
LONG=125.09 E	± 1.29km		
DEPTH= 63 km	± 0.53km		
STATIONS USED = 29, STAND DEV= 1.25s			
CD2	37.0 329 P	05 37 29.5	1.5
XAN	37.3 338 eP	05 37 28.5	-2.0
BJI	40.9 350 eP	05 38 01.0	0.8
SNY	41.8 358 eP	05 38 10.5	2.2
CN2	43.8 0 eP	05 38 24.0	-0.3
MDJ	44.8 5 eP	05 38 31.0	-1.3
GTA	45.7 332 P	05 38 40.3	0.7
WMQ	55.1 328 eP	05 39 51.5	0.7

1985 2 27			
O=12 26 36.7	± 0.08s		
LAT=43.55 N	± 0.93km		
LONG= 88.50 E	± 1.08km		
DEPTH= 27 km	± 0.99km		
STATIONS USED = 6, STAND DEV= 2.55s			
M _L =3.3/ 4,			
WMQ	0.6 295 +iPg	12 26 50.0	1.0
	Sg	12 26 59.0	0.8
	SMN	M _L =2.7	0.3 0.33
	SME		0.2 0.32

1985 2 27			
O=12 27 45.8	± 0.05s		
LAT= 1.34 N	± 1.68km		
LONG= 66.79 E	± 1.40km		
DEPTH= 10 km	± 0.39km		
STATIONS USED = 14, STAND DEV= 1.36s			
KMI	42.0 53 eP	12 35 40.5	1.1
WMQ	46.2 21 P	12 36 13.0	-0.4
GTA	48.4 34 eP	12 36 30.5	-0.1
XAN	51.1 46 eP	12 36 50.0	-0.9
TIY	55.4 44 P	12 37 21.5	-1.4

1985 2 27			
O=18 04 31.2	± 0.11s		
LAT=41.69 N	± 1.69km		
LONG= 81.63 E	± 1.29km		
DEPTH= 10 km	± 0.09km		
STATIONS USED = 42, STAND DEV= 2.61s			
M _s =4.2/ 2, M _L =4.4/ 5,			
KSH	4.8 244 ePn	18 05 49.5	4.9
WMQ	5.0 62 Pn	18 05 49.3	3.2

			Pg	18 06 07.0	8.4		
			Sn	18 06 49.0	3.6		
			Sg	18 07 12.5	6.2		
			SME	M _L =4.3	0.6	0.36	
GTA	14.0 93	cP		18 07 49.5	-3.0		
			LE	M _s =4.2	10.0	0.65	
CD2	20.8 114	cP		18 09 18.8	3.6		
BTO	21.4 83	cP		18 09 20.0	-1.4		
HHC	22.5 82	cP		18 09 33.3	0.9		
XAN	22.8 101	cP		18 09 35.0	-0.6		
TIY	24.0 89	eP		18 09 47.5	0.5		
			LE	M _s =4.2	9.0	0.22	
KMI	24.1 127	eP		18 09 52.3	4.3		
GYA	25.6 119	P		18 10 06.5	4.0		

1985 2 27			
O=19 37 10.7	± 0.12s		
LAT=31.30 N	± 1.13km		
LONG=137.80 E	± 1.73km		
DEPTH=426 km	± 0.84km		
STATIONS USED = 31, STAND DEV= 1.31s			
SNY	15.5 317	cP	19 40 30.0 0.6
CN2	15.8 325	eP	19 40 32.3 -0.6
TIA	17.9 291	eP	19 40 53.0 -0.3
BJI	19.6 302	eP	19 41 10.0 0.0
WHN	20.1 274	+iP	19 41 17.3 2.0
TIY	21.8 294	eP	19 41 32.0 0.4
BTO	24.2 300	eP	19 41 54.0 0.3
XAN	24.4 284	-P	19 41 55.0 -0.3
GYA	27.6 268	eP	19 42 24.3 0.3

1985 2 28			
O=05 12 36.6	± 0.08s		
LAT=45.90 N	± 2.40km		
LONG=151.34 E	± 1.86km		
DEPTH= 35 km	± 0.76km		
STATIONS USED = 25, STAND DEV= 1.40s			
MDJ	15.4 273	cP	05 16 14.0 1.2
SNY	20.4 268	-P	05 17 12.5 -0.8
BJI	26.2 270	eP	05 18 12.0 1.3
TIA	27.4 261	eP	05 18 19.5 -1.6
WHN	32.5 255	eP	05 19 06.5 -0.4
XAN	34.2 265	P	05 19 21.0 -0.6
GTA	37.9 279	+iP	05 19 53.3 0.5
CD2	39.6 265	-iP	05 20 07.0 0.3
			PMZ 0.8 0.020
GYA	40.3 257	+P	05 20 12.5 -0.5

1985 2 28			
O=11 10 17.0	± 0.18s		

LAT = 19.14 S				± 1.38km				cS		11 31 40.0	-5.6								
LONG = 168.70 E				± 1.52km				SMN		$m_B = 5.8$	10.0	0.52							
DEPTH = 49 km				± 1.12km				SME			10.0	0.48							
STATIONS USED = 86,				STAND DEV = 1.23s				TIY		77.4 317	+iP	11 22 09.5	-0.1						
$M_s = 5.3 / 9,$				$m_B = 5.7 / 7$				PMZ				1.5	0.12						
QZH	65.6	310	+P	11 20 58.0	-0.4			S		11 32 00.0	6.5								
			pP	11 21 13.0	1.7			SMN		$m_B = 5.8$	8.0	0.41							
			S	11 29 42.0	4.9			SME			7.0	0.44							
			SME		1.2	1.09	XAN	77.7	313	+iP	11 22 11.3	0.4							
			LE	$M_s = 5.3$	40.0	2.27				PMZ		1.8	0.29						
SSE	67.6	317	eP	11 21 10.8	-0.8			PP		11 25 11.0	3.9								
			PMZ		1.0	0.060			S		11 31 58.0	1.7							
			pP	11 21 25.3	0.8			SMN		$m_B = 5.7$	8.0	0.42							
			S	11 30 00.0	-2.3			SME			10.0	0.35							
			LN	$M_s = 5.3$	32.0	1.78			sS		11 32 23.0	3.1							
			LZ	$M_s = 5.3$	24.0	1.54	KMI	77.8	302	+iP	11 22 13.0	1.2							
GZH	68.4	305	+P	11 21 17.5	1.1			eS		11 32 04.0	4.4								
			eS	11 30 09.0	-3.8			LZ		$M_s = 5.3$	32.0	1.47							
QZN	69.1	300	eP	11 21 21.3	0.7			CD2		79.8 308	P	11 22 23.3	0.8						
			eS	11 30 20.0	-0.8			PMZ				1.4	0.20						
			SMN	$m_B = 5.5$	11.0	0.61			pP		11 22 38.0	2.7							
NJ2	69.8	316	+P	11 21 24.5	-0.3			S		11 32 23.0	4.5								
			pP	11 21 39.0	1.3			LZ		$M_s = 5.5$	25.0	1.60							
			S	11 30 32.0	4.3			HHC		79.8 320	+P	11 22 23.5	0.7						
			LZ	$M_s = 5.3$	22.0	1.10	BTO	80.6	319	+iP	11 22 27.5	0.4							
WHN	71.9	312	+iP	11 21 38.0	0.4			LZH		82.3 312	+iP	11 22 36.5	0.7						
			PMZ		1.8	0.10			PMZ			2.0	0.28						
			pP	11 21 52.0	1.5			pP		11 22 50.0	1.5								
DL2	72.6	323	eP	11 21 42.0	0.1			GTA		86.7 314	+iP	11 22 58.5	0.7						
MDJ	72.8	332	+iP	11 21 43.0	0.1			eS		11 33 23.0	-6.9								
			S	11 31 02.0	-0.4			SME		$m_B = 5.5$	7.0	0.35							
TIA	73.5	319	+P	11 21 46.8	-0.5			LSA		89.0 302	+P	11 23 08.5	-0.9						
			eS	11 31 15.8	3.6			pP		11 23 23.5	1.5								
			LN	$M_s = 5.1$	32.0	0.68	WMQ	96.8	314	+iP	11 23 44.5	-0.1							
			LE		32.0	0.90			PMZ			1.7	0.15						
SNY	73.6	326	+P	11 21 47.0	-0.8			pP		11 23 56.5	-1.1								
			S	11 31 15.0	3.3			eS		11 34 53.5	-5.8								
			LE	$M_s = 5.0$	25.0	0.65	KSH	103.9	307	eP	11 24 14.0	-2.9							
CN2	74.1	329	+iP	11 21 50.3	-0.3														
			PMZ		3.0	0.80													
			pP	11 22 04.3	0.9														
			eS	11 31 16.0	-2.7														
			SME	$m_B = 5.6$	7.0	0.40													
			SS	11 36 02.0	-3.2														
			LN	$M_s = 5.2$	16.0	0.60													
GYA	75.3	305	+P	11 21 58.0	0.1														
			pP	11 22 12.0	1.4														
			S	11 31 38.0	7.0														
BJI	76.5	321	eP	11 22 04.5	-0.1														
			PMZ	$m_B = 5.7$	5.0	0.53													

1985 2 28

O = 19 02 29.4 ± 0.06s

LAT = 14.93 N ± 1.19km

LONG = 147.73 E ± 1.23km

DEPTH = 34 km ± 0.17km

STATIONS USED = 15, STAND DEV = 0.95s

BJI 37.2 318 eP 19 09 39.0 -0.7

XAN 39.8 306 eP 19 10 00.8 -0.7

GYA 39.9 293 eP 19 10 03.5 0.9

BTO 41.6 315 eP 19 10 16.3 0.2

CD2 43.2 299 eP 19 10 29.0 -0.6

			LE		15.0	17.1	GTA	26.7	304	+iP	20 59 21.0	-1.4			
MDJ	17.1	2	eP	20 57 44.0	0.2					pP	20 59 35.0	-1.6			
			PP	20 57 59.0	0.5					S	21 03 41.0	-8.9			
			S	21 00 58.0	8.5					LE	Ms=5.7	14.5	9.60		
			LE	Ms=5.3	25.0	12.9	LSA	32.8	283	+P	21 00 15.3	-2.3			
XAN	18.1	296	+iP	20 57 56.0	0.2					PP	21 01 33.8	6.3			
			PMZ	m _B =6.2	4.0	4.58				S	21 05 29.5	1.9			
			pP	20 58 09.0	1.9					LN	Ms=5.4	11.0	2.67		
			S	21 01 21.0	9.9					LE		11.0	1.10		
			SMN	m _B =6.2	12.0	7.47	WMQ	36.6	307	+iP	21 00 48.0	-1.3			
			SME		10.0	4.74				PMZ	m _B =5.8	6.0	0.96		
			LN	Ms=5.7	12.0	8.76				pP	21 01 04.0	0.0			
			LE		14.0	13.4				PP	21 02 12.5	-1.5			
QZN	19.1	248	+iP	20 58 07.0	-0.8					PcP	21 03 09.0	-1.7			
			PMZ	m _B =5.6	7.0	1.99				S	21 06 25.0	-0.6			
			pP	20 58 18.0	-1.6					sS	21 06 46.0	-6.3			
			PP	20 58 24.0	-1.2					PcS	21 06 57.0	-0.3			
			S	21 01 38.0	4.1					LN	Ms=5.8	10.0	4.22		
			sS	21 01 55.0	1.5					LE		10.0	3.12		
			LN	Ms=5.3	15.0	7.40	KSH	44.9	299	P	21 01 59.0	1.3			
HHC	19.4	318	+iP	20 58 10.0	-0.3					PcP	21 03 40.0	2.4			
			pP	20 58 24.0	1.8					eS	21 08 34.0	3.8			
			sP	20 58 31.0	1.1					LN	Ms=5.4	16.0	2.40		
			LN	Ms=5.8	13.0	15.0									
			LE		13.0	10.4									
			LZ	Ms=5.8	13.0	18.2									
GYA	19.6	272	P	20 58 12.0	-0.5										
			pP	20 58 26.0	1.2										
			S	21 01 42.0	-1.3										
			LN	Ms=5.9	12.0	9.00									
			LE		12.0	18.5	QZN	24.6	15	eP	21 06 54.3	2.9			
BTO	20.1	315	+iP	20 58 18.0	-0.9					CD2	35.5	1	P	21 08 28.8	0.1
			sP	20 58 39.0	-0.2					BJI	46.2	14	eP	21 09 56.5	0.0
			LN	Ms=5.7	12.0	9.50	WMQ	50.4	346	+P	21 10 28.8	0.0			
			LE		12.0	9.60	CN2	52.4	20	+P	21 10 42.5	-1.6			
			LZ	Ms=5.7	12.0	12.8				PcP	21 11 53.0	-0.5			
CD2	21.9	285	eP	20 58 34.3	-2.5										
			sP	20 58 55.5	-2.1										
			PP	20 59 07.0	4.0										
			S	21 02 30.0	1.4										
			SME	m _B =6.2	12.0	7.30									
			LN	Ms=5.9	8.0	12.1									
LZH	22.7	298	+P	20 58 44.5	0.3										
			PMZ	m _B =6.0	5.0	3.67	BJI	15.9	314	eP	23 17 57.0	7.2			
			sP	20 59 05.0	0.0		XAN	19.2	288	eP	23 18 27.3	-3.9			
			iS	21 02 48.0	4.9		GYA	21.7	267	eP	23 19 00.5	3.1			
			SME	m _B =6.2	10.0	6.28	CD2	23.5	280	P	23 19 11.5	-3.7			
			LE	Ms=5.7	14.0	13.5	GTA	27.3	299	eP	23 19 52.0	1.0			
KMI	23.3	270	+iP	20 58 50.0	-0.1										
			S	21 02 51.0	-1.6										

1985 2 28

O=21 01 36.2 ± 0.06s

LAT= 4.80 S ± 1.37km

LONG=103.12 E ± 1.40km

DEPTH= 69 km ± 0.25km

STATIONS USED = 18, STAND DEV = 1.09s

QZN 24.6 15 eP 21 06 54.3 2.9

CD2 35.5 1 P 21 08 28.8 0.1

BJI 46.2 14 eP 21 09 56.5 0.0

WMQ 50.4 346 +P 21 10 28.8 0.0

CN2 52.4 20 +P 21 10 42.5 -1.6

PcP 21 11 53.0 -0.5

1985 2 28

O=23 14 07.3 ± 0.16s

LAT=29.79 N ± 2.14km

LONG=131.00 E ± 2.36km

DEPTH= 37 km ± 0.52km

STATIONS USED = 12, STAND DEV = 3.69s

BJI 15.9 314 eP 23 17 57.0 7.2

XAN 19.2 288 eP 23 18 27.3 -3.9

GYA 21.7 267 eP 23 19 00.5 3.1

CD2 23.5 280 P 23 19 11.5 -3.7

GTA 27.3 299 eP 23 19 52.0 1.0