

Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A (μ m)	Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC h min s	Resid (s)	T (s)	A (μ m)							
1985 11 1 O=02 34 36.4 \pm 0.10s LAT=27.28 N \pm 1.31km LONG=96.88 E \pm 1.17km DEPTH=25 km \pm 0.37km STATIONS USED = 49, STAND DEV = 2.25s Ms=4.3/ 7, M_L=4.2/ 4,								1985 11 1 O=04 30 51.1 \pm 0.04s LAT=25.92 N \pm 0.32km LONG=103.17 E \pm 0.40km DEPTH=16 km \pm 0.14km STATIONS USED = 6, STAND DEV = 2.69s M_L=3.2/ 3,														
LSA	5.6	297	Pn	02 36 00.5	1.5			SNY	19.3	319	cP	03 58 16.0	0.6									
KMI	5.7	111	ePn	02 36 03.5	3.4			LN2	19.7	326	+P	03 58 20.0	0.9									
			Sn	02 37 12.0	5.7						pP	03 58 30.0	2.8									
			LE			Ms=4.1	8.0 1.90				eS	04 01 56.0	1.9									
CD2	7.0	57	Pg	02 36 40.6	0.1						LE			Ms=4.4	10.0 0.60							
			LE			Ms=4.3	7.0 1.65															
GYA	8.8	93	P	02 36 45.4	0.4			WHN	22.9	282	eP	03 58 52.5	0.1									
			S	02 38 24.4	0.6						eS	04 03 02.6	6.5									
			LN			Ms=4.2	8.0 0.80				LN			Ms=4.6	11.0 0.65							
			LE				8.0 0.60				LE				12.0 0.52							
LZH	10.6	32	eP	02 37 09.0	-1.1			BII	23.3	307	eP	03 58 58.0	2.4									
GTA	12.3	11	eP	02 37 33.0	-0.9						eS	04 03 07.0	5.1									
			LN			Ms=4.2	10.0 0.76															
XAN	12.4	54	eP	02 37 31.4	-2.6			IIY	25.3	299	eP	03 59 15.0	-0.6									
WHN	15.6	74	eP	02 38 14.5	-2.6						S	04 03 44.0	7.6									
			LN			Ms=4.4	10.0 0.60				LE			Ms=3.9	10.0 0.12							
			LE				12.0 0.78															
BTO	17.2	36	eP	02 38 36.2	-0.3			XAN	27.6	290	eP	03 59 34.0	-2.7									
			eS	02 41 44.0	-1.4			GYA	30.1	275	eP	03 59 57.8	-1.3									
			LN			Ms=4.5	10.0 0.80															
			LE				10.0 0.40															
WMQ	18.1	338	P	02 38 49.5	1.3			CD2	32.0	284	eP	04 00 15.0	-1.0									
HHC	18.2	38	eP	02 38 47.6	-1.4			GTA	35.3	299	P	04 00 43.2	-1.6									
TIA	19.4	58	eP	02 39 03.9	0.7			1985 11 1 O=04 48 15.8 \pm 0.33s LAT=21.81 S \pm 2.33km LONG=177.62 W \pm 2.92km DEPTH=359 km \pm 2.44km STATIONS USED = 62, STAND DEV = 2.15s														
BJI	20.4	47	eP	02 39 17.0	2.1			KMI	0.9	206	+Pg	04 31 06.5	-0.7									
SNY	26.2	49	eP	02 40 10.8	-0.7						Sg	04 31 18.5	-0.6									
1985 11 1 O=03 53 49.9 \pm 0.18s LAT=28.29 N \pm 2.11km LONG=140.56 E \pm 2.45km DEPTH=32 km \pm 0.04km STATIONS USED = 21, STAND DEV = 2.24s Ms=4.4/ 5,																						
SSE	17.1	284	P	03 57 51.0	3.3						SMN			M _L =3.2	1.0 0.64							
			eS	04 01 00.0	4.8						SME				1.0 0.78							
			SS	04 01 22.0	6.4																	
NJ2	19.1	287	+P	03 58 12.0	-1.2			GYA	3.2	79	Pn	04 31 42.8	1.7									
			LN			Ms=4.0	12.0 0.30				Sn	04 32 20.6	0.1									
											Sg	04 32 33.6	2.6									
											SMN			M _L =2.9	1.0 0.060							
											SME				1.0 0.030							
								CD2	5.0	6	ePn	04 32 06.8	0.8									
											Sn	04 33 06.2	0.7									
											SME			M _L =3.3	1.2 0.040							
								1985 11 1 O=04 48 15.8 \pm 0.33s LAT=21.81 S \pm 2.33km LONG=177.62 W \pm 2.92km DEPTH=359 km \pm 2.44km STATIONS USED = 62, STAND DEV = 2.15s														
								NJ2	81.0	310	+P	04 59 53.4	0.2									

MDJ	81.8	325	+P	04 59 57.6	0.2
WHN	83.5	306	P	05 00 06.0	0.0
CN2	83.5	322	-P	05 00 05.2	-1.1
TIA	84.4	312	+P	05 00 10.7	0.0
BJI	87.1	315	eP	05 00 23.0	-0.4
GYA	87.6	300	P	05 00 26.8	0.7
TIY	88.4	312	P	05 00 30.6	0.7
XAN	89.2	307	P	05 00 33.6	0.1
HHC	90.5	314	+P	05 00 40.3	0.6
BTO	91.4	313	eP	05 00 44.0	0.0
CD2	91.8	303	eP	05 00 46.4	0.8
LZH	93.8	307	eP	05 00 55.0	-0.1
GTA	98.1	309	P	05 01 14.4	0.1

1985 11 1

O=08 03 22.8 ± 0.20s
 LAT=27.41 S ± 2.94km
 LONG=176.40 W ± 3.49km
 DEPTH= 45 km ± 1.13km
 STATIONS USED = 70, STAND DEV= 2.22s

$m_B = 5.4 / 2$

GZH	84.4	299	eP	08 15 52.1	-0.3
NJ2	85.4	310	eP	08 15 55.8	-1.7
MDJ	87.0	325	eP	08 16 05.2	-0.1
			eS	08 26 42.0	2.9
			sS	08 26 52.0	-7.8
WHN	87.7	306	eP	08 16 06.7	-2.0
SNY	88.4	320	eP	08 16 16.0	3.9
CN2	88.6	322	eP	08 16 14.6	1.4
TIA	89.0	312	eP	08 16 15.4	0.5
GYA	91.3	299	P	08 16 27.0	1.1
BJI	91.8	315	eP	08 16 28.0	0.0
			eSKS	08 26 56.0	2.2
			eS	08 27 33.0	9.9
			SMN	$m_B = 5.3$	10.0 0.29
TIY	92.9	311	eP	08 16 34.4	1.0
			SKS	08 27 06.0	5.7
			SMN	$m_B = 5.6$	7.0 0.35
XAN	93.4	307	P	08 16 36.8	1.1
KMI	93.7	296	eP	08 16 39.0	1.8
CD2	95.7	302	eP	08 16 48.2	2.3

1985 11 1

O=09 48 38.1 ± 0.13s
 LAT= 9.45 S ± 1.61km
 LONG=151.35 E ± 1.32km
 DEPTH= 11 km ± 0.34km
 STATIONS USED = 25, STAND DEV= 1.70s

XAN	59.1	319	eP	09 58 39.9	-1.5
CD2	60.8	313	eP	09 58 52.6	-0.3

LZH	63.6	318	eP	09 59 12.0	-0.2
GTA	68.1	319	P	09 59 42.0	0.8
WMQ	78.2	318	P	10 00 40.5	0.3

1985 11 1

O=12 05 39.1 ± 0.11s
 LAT=28.18 N ± 2.44km
 LONG=140.67 E ± 1.95km
 DEPTH= 52 km ± 1.40km
 STATIONS USED = 13, STAND DEV= 2.92s

SSE	17.2	284	P	12 09 38.0	0.8
NJ2	19.3	287	P	12 10 04.0	1.8
CN2	19.8	326	P	12 10 05.0	-3.3
QZH	20.0	266	P	12 10 15.0	4.6
WHN	23.0	282	P	12 10 40.5	-0.4
BJI	23.4	307	P	12 10 39.0	-5.3
XAN	27.7	290	P	12 11 24.9	-0.3
GTA	35.5	299	P	12 12 33.4	0.2

1985 11 1

O=12 05 53.1 ± 0.10s
 LAT= 5.99 S ± 1.25km
 LONG=146.41 E ± 1.83km
 DEPTH=117 km ± 0.40km
 STATIONS USED = 27, STAND DEV= 1.89s

QZN	43.8	305	eP	12 13 50.3	1.2
CN2	53.1	341	eP	12 14 59.0	-1.9
XAN	53.3	321	+P	12 15 01.8	-1.0
GTA	62.4	321	P	12 16 06.0	-0.3

1985 11 1

O=21 01 32.4 ± 0.25s
 LAT=28.37 N ± 1.96km
 LONG=140.97 E ± 2.74km
 DEPTH=106 km ± 4.98km
 STATIONS USED = 17, STAND DEV= 2.30s

$m_B = 5.3 / 3$

NJ2	19.5	286	+P	21 05 54.0	0.7
			PMZ	$m_B = 5.4$	6.0 1.10
SNY	19.5	318	+P	21 05 56.7	2.8
CN2	19.8	325	-P	21 05 52.0	-5.1
QZH	20.3	266	+P	21 06 02.0	0.1
TIA	21.6	297	eP	21 06 15.3	0.3
WHN	23.3	282	P	21 06 32.0	0.7
			SME	$m_B = 5.3$	10.0 0.71
			LN		12.0 0.48
BJI	23.5	306	P	21 06 35.0	1.4
TIY	25.6	299	P	21 06 55.0	1.3
XAN	27.9	290	eP	21 07 13.4	-1.6
BTO	28.1	304	P	21 07 18.0	1.0

			LN		14.0	0.30			S	22 14 33.5	-0.1		
			LE		14.0	0.30			LE	Ms=5.4	20.0	4.00	
CD2	32.3	284	eP	21 07 52.2	-1.9				TIY	35.5 310	P	22 09 18.0	0.4
WMQ	45.0	305	eP	21 09 40.0	0.8				S	22 14 52.0	6.1		
1985 11 1													
O=22 02 25.9 ± 0.12s													
LAT=18.27 N ± 2.43km													
LONG=146.54 E ± 2.69km													
DEPTH= 80 km ± 0.57km													
STATIONS USED =136, STAND DEV= 2.32s													
Ms=5.1/17,													
SSE	26.3	304	eP	22 07 54.5	-1.3				LN	Ms=5.3	17.0	2.55	
			PP	22 08 33.0	-7.9				LE		14.0	0.55	
			eS	22 12 26.0	5.3				XAN	37.0 303	eP	22 09 29.8	-0.1
			sS	22 12 46.0	-5.9				PP	22 10 55.0	-1.8		
			SS	22 13 28.0	-6.0				LN	Ms=5.3	22.0	3.41	
			LN	Ms=4.9	14.0	0.72			HHC	37.5 314	eP	22 09 34.0	0.1
			LE		14.0	1.34			eS	22 15 20.0	3.4		
QZH	26.8	289	eP	22 08 02.0	1.4				LN	Ms=5.1	15.0	1.21	
			PP	22 08 50.5	2.2				LE		15.0	0.81	
			eS	22 12 31.0	1.8				GYA	37.6 290	P	22 09 37.0	1.6
			SS	22 13 53.5	7.0				PP	22 11 03.0	-1.4		
			LN	Ms=4.9	11.0	1.27			S	22 15 24.0	5.9		
NJ2	28.5	304	eP	22 08 19.0	3.1				LN	Ms=4.9	14.0	0.60	
			eS	22 13 00.0	3.6				LE		14.0	0.60	
			LE	Ms=4.9	14.0	1.40			BTO	38.4 313	-P	22 09 41.0	-0.8
MDJ	29.9	335	+P	22 08 27.2	-1.1				ePP	22 11 08.0	-5.6		
			PP	22 09 25.0	-2.8				eS	22 15 33.0	1.9		
			PcP	22 11 29.2	0.0				LN	Ms=5.1	18.0	1.10	
			iS	22 13 21.0	2.6				LE		18.0	1.20	
			SS	22 14 58.0	-0.7				CD2	40.7 296	eP	22 09 59.0	-1.2
SNY	30.6	325	eP	22 08 33.3	-1.3				S	22 16 04.0	0.7		
			eS	22 13 32.0	2.3				LN	Ms=5.5	26.0	5.21	
			LN	Ms=5.1	24.0	3.22			KMI	41.1 287	eP	22 10 04.5	0.2
CN2	31.0	330	+P	22 08 37.4	-1.3				pP	22 10 25.0	2.1		
			ePcP	22 11 36.4	4.2				eS	22 16 17.0	5.3		
			eS	22 13 36.0	-0.9				LN	Ms=5.2	16.0	1.50	
			LN	Ms=5.0	12.0	1.30			LZH	41.5 304	eP	22 10 08.5	0.8
GZH	31.4	284	eP	22 08 46.7	5.0				GTA	45.4 308	P	22 10 37.2	-2.0
			S	22 13 49.0	7.5				S	22 17 14.6	1.5		
			LE	Ms=5.2	20.0	3.10			LN	Ms=5.8	6.0	1.94	
TIA	31.5	311	eP	22 08 43.0	0.3				LSA	51.5 294	eP	22 11 24.8	-1.3
			ScP	22 15 09.5	1.4				S	22 18 39.5	2.2		
WHN	31.6	299	eP	22 08 49.6	5.6				WMQ	55.2 311	P	22 11 51.6	-1.8
			LN	Ms=5.5	17.0	2.02			KSH	63.8 306	eP	22 12 54.0	1.6
			LE		17.0	4.90			1985 11 1				
BJI	34.0	316	eP	22 09 02.0	-2.3				O=22 36 25.3 ± 0.08s				
			eS	22 14 20.0	-3.0				LAT=27.87 N ± 1.92km				
QZN	34.7	277	eP	22 09 08.6	-2.1				LONG= 56.52 E ± 0.90km				
									DEPTH= 50 km ± 0.19km				
									STATIONS USED = 22, STAND DEV= 1.33s				
									KSH	19.9 49	eP	22 40 57.0	1.8
									WMQ	29.6 49	P	22 42 29.0	0.3
									GTA	37.5 61	+iP	22 43 37.4	0.7
									BTO	45.4 59	eP	22 44 42.6	1.4
									HHC	46.5 59	eP	22 44 51.1	0.7

CN2 56.5 54 eP 22 46 04.4 -1.2

1985 11 2

O=00 13 30.9 ± 0.11s

LAT=24.82 N ± 1.35km

LONG=122.13 E ± 1.06km

DEPTH= 77 km ± 1.04km

STATIONS USED = 56, STAND DEV = 1.91s

Ms=4.7/ 3, ML=4.6/ 9,

QZH	3.2	273	-iP	00 14 19.0	-1.5		
			S	00 14 53.2	-4.5		
			SMN	ML=4.3	0.5	1.34	
			SME		0.5	0.60	
SSE	6.3	353	P	00 15 03.2	-0.1		
			SMN	ML=4.0	1.0	0.080	
			SME		1.0	0.11	
NJ2	7.8	339	-P	00 15 22.4	-1.0		
			S	00 16 45.0	-5.3		
			SME	ML=4.6	1.0	0.19	
GZH	8.2	260	eP	00 15 25.0	-4.7		
			eS	00 16 54.0	-7.7		
			SMN	ML=4.6	1.0	0.26	
			SME		0.9	0.030	
WHN	8.9	311	P	00 15 38.5	-1.1		
			S	00 17 15.2	-4.3		
			SMN	ML=4.7	0.9	0.16	
			SME		1.0	0.10	
			LE	Ms=3.9	8.0	0.52	
TIA	12.1	340	eP	00 16 25.1	2.3		
GYA	14.0	280	P	00 16 49.0	1.1		
			S	00 19 16.6	-5.2		
			SMN		1.4	0.15	
			LN	Ms=4.7	5.0	0.90	
XAN	14.7	312	P	00 16 56.6	0.1		
TIY	15.3	330	eP	00 17 08.8	5.0		
SNY	17.0	4	eP	00 17 28.3	3.0		
CD2	17.3	295	P	00 17 29.1	-0.4		
			S	00 20 30.0	-7.5		
			LN	Ms=4.8	4.0	0.74	
CN2	19.1	7	+P	00 17 50.0	-0.7		
LZH	19.3	310	eP	00 17 53.0	0.1		
			PMZ		1.5	0.050	
MDJ	20.7	15	eP	00 18 06.5	-0.3		
GTA	23.8	313	P	00 18 37.8	0.3		

1985 11 2

O=02 41 37.6 ± 0.10s

LAT=51.53 N ± 2.95km

LONG=179.19 E ± 1.11km

DEPTH= 52 km ± 0.12km

STATIONS USED = 67, STAND DEV = 1.21s

Ms=4.8/ 2,

MDJ	33.3	278	-P	02 48 12.0	-0.9		
CN2	36.3	279	+P	02 48 37.0	-1.3		
SNY	38.5	278	+iP	02 48 57.2	0.3		
			eS	02 54 52.0	3.7		
			LE	Ms=4.5	19.0	0.42	
BJI	44.1	281	eP	02 49 43.5	0.5		
SSE	46.7	267	+P	02 50 04.3	0.4		
			PMZ		1.0	0.020	
			eS	02 56 42.0	-6.9		
BTO	47.5	285	+P	02 50 11.0	0.8		
			eS	02 57 02.0	1.8		
NJ2	47.6	270	-P	02 50 10.0	-0.2		
TIY	47.8	281	+P	02 50 13.8	1.2		
			PMZ		1.0	0.040	
WHN	51.4	272	-P	02 50 39.0	-0.7		
XAN	52.4	279	eP	02 50 46.7	-0.6		
LZH	54.1	285	eP	02 51 00.5	0.2		
GTA	54.3	290	+iP	02 51 02.2	0.4		
CD2	57.7	280	eP	02 51 25.4	-0.5		
WMQ	58.2	302	+P	02 51 29.8	0.4		
			eS	02 59 26.0	0.6		
			LZ	Ms=5.0	20.0	0.80	
GYA	59.1	274	P	02 51 35.4	0.0		

1985 11 2

O=03 39 00.3 ± 0.13s

LAT=39.34 N ± 1.50km

LONG=106.85 E ± 1.03km

DEPTH= 4 km ± 0.07km

STATIONS USED = 12, STAND DEV = 3.28s

ML=3.5/ 10,

BTO	2.7	62	Pg	03 39 48.2	-0.7		
			Sg	03 40 25.0	-1.1		
			SMN	ML=3.2	0.5	0.13	
			SME		0.5	0.10	
HHC	3.9	66	+Pg	03 40 09.3	-0.4		
			Sg	03 41 00.8	-2.2		
			SMN	ML=3.7	0.4	0.15	
			SME		0.4	0.17	
LZH	4.0	217	ePg	03 40 12.5	0.8		
			Sg	03 41 02.0	-4.5		
			SMN	ML=3.5	1.0	0.11	
			SME		1.0	0.070	
TIY	4.7	109	Pg	03 40 22.9	0.0		
			Sn	03 41 05.1	-3.6		
			Sg	03 41 20.7	-5.9		
			SMN	ML=3.5	0.9	0.070	
			SME		0.5	0.060	

BJI	20.3	349	cP	09 27 47.0	0.0		
			eS	09 31 33.0	3.9		
			SMN	$m_B=4.9$	8.0	0.28	
			SME		8.0	0.35	
			LN	$M_s=4.4$	13.0	0.78	
SNY	21.7	5	+P	09 28 02.2	0.9		
			eS	09 31 51.0	-4.9		
			LE	$M_s=4.5$	24.0	1.60	
LZH	22.0	320	-P	09 28 05.0	0.1		
			PMZ		2.0	0.20	
			SME	$m_B=5.6$	6.0	1.36	
			LN	$M_s=4.8$	13.0	1.43	
HHC	22.2	340	cP	09 28 10.0	3.2		
			S	09 32 03.0	-2.0		
			LN	$M_s=5.0$	14.0	0.98	
			LE		12.0	2.17	
BTO	22.5	337	P	09 28 11.5	1.7		
			PP	09 28 36.0	-0.9		
			S	09 32 07.5	-3.0		
			LN	$M_s=4.7$	11.0	0.80	
			LE		12.0	0.50	
CN2	23.8	8	cP	09 28 20.0	-2.4		
MDJ	25.4	14	cP	09 28 34.7	-2.4		
GTA	26.6	321	P	09 28 49.8	0.9		
			LN	$M_s=4.6$	16.0	0.88	
LSA	28.8	295	P	09 29 10.2	0.8		
			S	09 33 54.0	-2.1		
			LE	$M_s=4.5$	15.0	0.56	
WMQ	36.6	318	P	09 30 18.0	1.5		
			LZ	$M_s=4.9$	14.0	0.91	
KSH	43.2	307	cP	09 31 13.0	1.4		

1985 11 2

O = 13 57 13.2 ± 0.04s
 LAT = 3.85 S ± 0.62km
 LONG = 126.51 E ± 0.66km
 DEPTH = 29 km ± 0.11km
 STATIONS USED = 11, STAND DEV = 0.98s

CD2	40.8	329	cP	14 04 54.6	0.3		
XAN	41.2	338	cP	14 04 56.6	-0.6		
BJI	44.7	349	cP	14 05 25.5	-0.2		
GTA	49.6	333	P	14 06 04.1	-0.2		
WMQ	58.9	328	P	14 07 11.1	-1.3		

1985 11 2

O = 15 53 27.9 ± 0.11s
 LAT = 0.01 S ± 1.73km
 LONG = 123.88 E ± 2.66km
 DEPTH = 122 km ± 0.42km
 STATIONS USED = 62, STAND DEV = 2.12s

GZH	25.1	337	cP	15 58 48.0	4.6		
			pP	15 59 12.0	3.4		
GYA	31.1	329	P	15 59 40.0	2.6		
			pP	16 00 05.0	1.6		
			PcP	16 02 30.2	1.0		
WHN	31.7	344	cP	15 59 42.5	0.0		
CD2	36.2	330	cP	16 00 21.7	0.7		
XAN	36.7	339	cP	16 00 24.1	-0.8		
			pP	16 00 51.0	-0.7		
TIY	39.0	346	cP	16 00 44.5	0.2		
SNY	41.6	360	cP	16 01 03.8	-2.3		
LSA	43.0	316	-P	16 01 18.0	0.7		
CN2	43.6	2	+P	16 01 20.2	-2.1		
MDJ	44.7	6	cP	16 01 31.5	0.5		
WMQ	54.3	328	P	16 02 43.0	-1.1		

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O = 16 58 47.4 ± 0.18s
 LAT = 28.67 N ± 1.83km
 LONG = 141.12 E ± 3.74km
 DEPTH = 32 km ± 1.07km
 STATIONS USED = 20, STAND DEV = 1.72s
 $M_s=4.3/6$, $m_B=5.3/8$

SSE	17.5	283	P	17 02 50.0	-0.2		
			PMZ	$m_B=5.2$	8.0	0.85	
			SS	17 06 32.0	9.0		
			LE	$M_s=4.3$	9.0	0.48	
MDJ	18.4	333	cP	17 03 00.0	-1.7		
			S	17 06 28.0	6.1		
			LZ	$M_s=4.2$	16.0	0.64	
DL2	19.1	307	cP	17 03 12.0	1.4		
			cS	17 06 45.0	5.9		
SNY	19.4	317	cP	17 03 11.0	-2.5		
			pP	17 03 20.0	-1.2		
			cS	17 06 48.0	2.9		
			LN	$M_s=4.5$	11.0	0.56	
			LE		11.0	0.49	
CN2	19.6	324	-P	17 03 16.0	-0.4		
			cS	17 06 53.0	1.9		
			LE	$M_s=4.5$	10.0	0.70	
QZH	20.4	265	+P	17 03 24.5	-0.4		
			PMZ	$m_B=5.6$	5.0	1.37	
			cS	17 07 12.5	4.9		
TIA	21.6	297	cP	17 03 36.0	-0.5		
			PMZ	$m_B=5.4$	6.0	1.06	
			sP	17 03 49.0	-0.2		
			cS	17 07 34.5	5.6		
			LE	$M_s=4.3$	11.0	0.40	
WHN	23.3	281	P	17 03 54.5	0.6		
			PMZ	$m_B=5.6$	6.0	1.51	

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		S	04 02 20.0	-3.1					LN		Ms = 4.5	10.0	0.40			
		SS	04 02 36.0	-0.5					LE			10.0	0.30			
		LN			Ms = 4.6	10.0	2.40									
CD2	13.1	54	cP	04 01 00.6	-1.2				BJI	26.5	46	(P)	04 03 38.0	6.4		
			S	04 03 21.0	-6.8				SSE	27.4	68	cP	04 03 44.5	4.4		
			LE			Ms = 4.6	8.0	1.31					sP	04 03 52.0	1.8	
GYA	14.1	76	(P)	04 01 21.4	6.4							Ms = 4.5	12.0	0.54		
			sP	04 01 27.4	3.0				SNY	32.3	48	+iP	04 04 22.9	-0.6		
			PP	04 01 31.0	5.2				CN2	34.4	46	cP	04 04 44.0	2.6		
			LN			Ms = 4.6	11.0	1.60	MDJ	37.4	47	cP	04 05 07.0	-0.4		
LZH	16.4	38	-P	04 01 41.5	-2.6				1985 11 3							
			PMZ					1.5	O = 04 23 20.9				$\pm 0.05s$			
			LE			Ms = 4.8	8.0	1.68	LAT = 0.28 N				$\pm 0.81km$			
GTA	17.2	23	P	04 01 51.8	-2.7				LONG = 121.97 E				$\pm 1.15km$			
			LE			Ms = 4.2	9.0	0.45	DEPTH = 159 km				$\pm 0.05km$			
QZN	17.8	102	cP	04 02 02.0	-0.4				STATIONS USED = 39, STAND DEV = 1.08s							
XAN	18.5	52	+P	04 02 06.6	-3.6				QZN	22.1	328	cP	04 28 04.0	-0.1		
			PP	04 02 26.0	1.0				CD2	35.0	332	P	04 30 00.5	0.0		
			iS	04 05 32.0	-0.8				XAN	35.7	341	+P	04 30 05.9	-0.7		
			SS	04 05 51.0	-5.0				GTA	43.9	335	P	04 31 14.8	0.9		
			LN			Ms = 4.3	9.0	0.41	WMQ	53.0	329	cP	04 32 22.5	-1.7		
WMQ	20.3	352	-P	04 02 31.5	0.8				1985 11 3							
			S	04 06 10.0	-1.6				O = 05 50 10.4				$\pm 0.11s$			
			LE			Ms = 4.5	20.0	1.30	LAT = 17.54 N				$\pm 1.88km$			
KSH	20.4	324	cP	04 02 33.0	1.0				LONG = 119.70 E				$\pm 1.92km$			
			LE			Ms = 4.9	12.0	2.00	DEPTH = 27 km				$\pm 0.44km$			
WHN	21.5	67	cP	04 02 38.0	-5.7				STATIONS USED = 32, STAND DEV = 1.83s							
			S	04 06 30.0	-6.1				Ms = 4.5 / 4,							
			LN			Ms = 4.5	12.0	0.67	QZN	9.5	281	cP	05 52 24.6	-3.8		
TIY	22.8	47	cP	04 02 55.4	-0.9				GYA	15.0	309	P	05 53 40.8	-1.8		
			S	04 07 02.5	3.4				TIA	18.7	353	cP	05 54 29.1	-0.7		
			LN			Ms = 4.5	12.0	0.43					LE	Ms = 4.6	16.0	1.48
			LE					13.0								
BTO	23.0	39	cP	04 03 00.6	2.3				XAN	19.1	332	cP	05 54 32.3	-1.4		
			esP	04 03 08.0	-0.2								LN	Ms = 4.7	10.0	0.84
			eS	04 07 03.0	-0.7								LE		12.0	1.00
			LN			Ms = 4.5	10.0	0.40	CD2	19.7	315	P	05 54 40.2	-0.4		
			LE					10.0					S	05 58 16.0	0.8	
HHC	24.1	40	cP	04 03 10.0	1.4								LZ	Ms = 4.5	13.0	0.91
			pP	04 03 14.5	-0.7				TIY	21.1	344	P	05 54 54.9	-0.5		
			eS	04 07 26.0	3.7				BJI	22.6	353	cP	05 55 10.5	-0.2		
			LN			Ms = 4.6	10.0	0.44	LZH	23.2	326	cP	05 55 17.5	0.8		
			LE					10.0	HHC	24.3	345	cP	05 55 28.0	1.2		
TIA	25.5	55	cP	04 03 21.5	-0.6				CN2	26.6	9	cP	05 55 53.0	4.0		
			S	04 07 52.0	6.9				GTA	27.8	326	P	05 56 00.0	0.0		
			LN			Ms = 4.5	11.0	0.31					LE	Ms = 4.5	11.0	0.41
			LE					10.0	MDJ	28.2	15	cP	05 56 03.0	-0.7		
NJ2	25.6	65	cP	04 03 26.0	2.4				KSH	43.7	309	cP	05 58 17.0	1.8		
			sP	04 03 34.6	1.0				1985 11 3							
			eS	04 07 55.0	6.5											

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$M_L = 4.7 / 5,$										$LAT = 25.85 N \pm 1.24 km$											
KSH	2.0	340	-iPg	23 27 25.0	1.2					$LONG = 99.58 E \pm 1.22 km$											
			Sg	23 27 54.0	3.2					$DEPTH = 14 km \pm 0.18 km$											
			SMN	$M_L = 4.7$	1.0	8.99					$STATIONS USED = 32, STAND DEV = 2.63s$										
			SME		0.5	3.23					$M_s = 4.4 / 8, M_L = 4.6 / 8,$										
WMQ	10.3	50	-P	23 29 16.5	-1.1					KMI	2.9	103	+Pn	05 46 36.0	2.7						
			S	23 31 07.0	-5.9								Pg	05 46 42.5	4.3						
LSA	14.3	119	P	23 30 11.9	0.7								Sg	05 47 21.0	2.5						
GTA	18.1	77	P	23 30 59.6	0.4								SMN	$M_L = 4.4$	1.0	1.20					
LZH	21.6	86	+P	23 31 39.0	0.4								SME		1.0	1.78					
			PMZ			1.5	0.050					CD2	6.2	35	cPn	05 47 21.8	3.4				
CD2	23.2	99	eP	23 31 55.4	1.6								Pg	05 47 44.1	7.7						
BTO	25.8	73	eP	23 32 20.8	1.5								Sn	05 48 32.0	0.3						
XAN	26.2	88	eP	23 32 22.8	0.3								Sg	05 49 03.0	1.2						
GYA	27.5	105	eP	23 32 37.0	2.3								SMN	$M_L = 4.7$	1.6	0.49					
TIY	28.1	79	eP	23 32 44.6	4.8								SME		1.4	0.56					
													LN	$M_s = 4.4$	9.0	3.51					
1985 11 4										GYA 6.4 83 -Pn 05 47 24.4 3.8											
$O = 03 31 01.4 \pm 0.18s$										$Pg 05 47 47.6 8.5$											
$LAT = 28.31 N \pm 2.98 km$										$Sg 05 49 06.0 -0.5$											
$LONG = 140.64 E \pm 3.07 km$										$LN Ms = 4.1 8.0 1.40$											
$DEPTH = 56 km \pm 1.30 km$										LSA 8.4 299 cP 05 47 49.4 -1.7											
$STATIONS USED = 24, STAND DEV = 2.94s$										$LE Ms = 3.6 13.0 0.53$											
$M_s = 4.3 / 4, m_B = 5.1 / 4$										LZH 10.8 19 cP 05 48 26.0 1.4											
SSE	17.1	284	eP	03 34 55.0	-3.6					XAN 11.5 43 cP 05 48 31.0 -2.3											
DL2	19.0	309	eP	03 35 25.0	3.6					$S 05 50 38.0 -4.1$											
			LE	$M_s = 4.3$	8.0	0.38					WHN 13.8 67 cP 05 49 01.5 -3.1										
NJ2	19.2	287	+P	03 35 20.5	-3.0					TIY 16.1 40 cP 05 49 35.2 1.2											
SNY	19.4	319	eP	03 35 19.0	-6.4					$S 05 52 38.0 6.4$											
			LE	$M_s = 4.3$	11.0	0.49					$LE Ms = 4.5 9.0 0.92$										
CN2	19.7	326	-P	03 35 26.0	-3.0					BTO 17.1 28 eP 05 49 44.0 -2.7											
			LN	$M_s = 4.3$	10.0	0.50					$eS 05 52 49.0 -6.5$										
TIA	21.4	298	eP	03 35 45.2	-1.0					$LN Ms = 4.3 10.0 0.50$											
WHN	23.0	282	P	03 36 04.0	1.7					$LE 10.0 0.20$											
			PMZ	$m_B = 5.2$	6.0	0.75					TIA 18.2 51 cP 05 50 00.0 -0.7										
			SMN	$m_B = 5.3$	7.0	0.57					$LN Ms = 4.4 16.0 0.46$										
BJI	23.3	307	eP	03 36 03.0	-2.3					$LE 16.0 0.83$											
			SME	$m_B = 4.9$	10.0	0.34					SSE 19.7 70 cP 05 50 16.0 -2.1										
TIY	25.4	299	eP	03 36 25.6	0.3					$eS 05 53 50.0 -4.3$											
			S	03 40 46.5	2.4					$LN Ms = 4.3 9.0 0.44$											
			LN	$M_s = 4.5$	14.0	0.48					BJI 19.8 40 cP 05 50 21.0 1.5										
			LE		16.0	0.51					$LN Ms = 4.5 12.0 0.69$										
XAN	27.7	290	eP	03 36 47.4	0.9					$LE 12.0 0.50$											
BTO	27.9	304	(P)	03 36 55.0	6.1					1985 11 4											
			eS	03 41 29.5	2.7					$O = 05 56 57.2 \pm 0.09s$											
GTA	35.4	299	P	03 37 54.8	0.4					$LAT = 25.94 N \pm 0.67 km$											
WMQ	44.8	305	P	03 39 14.5	2.8					$LONG = 99.53 E \pm 0.67 km$											
										$DEPTH = 7 km \pm 1.20 km$											
										$STATIONS USED = 8, STAND DEV = 2.81s$											
1985 11 4										1985 11 4											
$O = 05 45 46.2 \pm 0.13s$										$O = 05 56 57.2 \pm 0.09s$											

$M_s = 3.8 / 1, M_L = 3.8 / 3,$						STATIONS USED = 12, STAND DEV = 2.59s								
KMI	3.0	105	cPg	05 57 51.5	0.8	$M_L = 3.1 / 9,$								
			Sg	05 58 29.5	-2.0	BJI	1.6	283	Pg	18 46 36.5	-0.6			
			SMN		2.0	0.97			cSg	18 46 59.5	-0.2			
			SME		1.0	0.75	TIA	3.6	195	Pn	18 47 03.8	0.2		
			LN	$M_s = 3.8$	5.0	1.70			Pg	18 47 11.6	0.5			
CD2	6.2	36	cPn	05 58 30.0	0.5				Sg	18 47 59.8	-0.2			
			Pg	05 58 45.0	-1.6				SMN	$M_L = 2.9$	0.4	0.030		
			SMN	$M_L = 3.8$	1.0	0.030			SME		0.4	0.030		
			SME		1.4	0.090	SNY	4.6	60	cPg	18 47 28.6	-0.1		
GYA	6.4	84	Pn	05 58 35.8	3.1				Sg	18 48 27.9	-3.3			
1985 11 4									SMN	$M_L = 3.4$	1.0	0.080		
O	12 45 59.1				$\pm 0.24s$				SME		1.0	0.050		
LAT	28.22 N				$\pm 2.20km$			CN2	6.8	50	cPg	18 48 10.8	3.2	
LONG	140.83 E				$\pm 3.78km$						cSg	18 49 35.0	-5.0	
DEPTH	50 km				$\pm 0.98km$			1985 11 4						
STATIONS USED = 22, STAND DEV = 2.35s						O	20 34 17.8				$\pm 0.40s$			
$M_s = 4.4 / 3,$			$m_B = 5.1 / 4$			LAT	28.19 N				$\pm 2.67km$			
SSE	17.3	284	cP	12 49 58.0	-0.9	LONG	140.23 E				$\pm 4.93km$			
			cS	12 53 13.0	5.4	DEPTH	31 km				$\pm 0.64km$			
			esS	12 53 25.0	1.6	STATIONS USED = 14, STAND DEV = 3.29s								
DL2	19.2	309	+P	12 50 21.0	-0.6	$M_s = 4.3 / 3,$			$m_B = 4.9 / 3$					
			eS	12 53 56.0	6.4	DL2	18.8	309	cP	20 38 37.0	-0.4			
			LE	$M_s = 4.4$	6.0	0.33			LN	$M_s = 4.1$	11.0	0.30		
NJ2	19.4	287	+P	12 50 23.0	-0.7				cP	20 38 45.0	2.7			
			S	12 54 00.0	6.7				cS	20 42 18.0	5.8			
SNY	19.5	318	cP	12 50 28.0	2.6				LE	$M_s = 4.3$	13.0	0.65		
CN2	19.9	326	-P	12 50 24.0	-4.9				TIA	21.1	298	cP	20 39 02.3	0.0
			PMZ	$m_B = 5.1$	4.5	0.50			WHN	22.7	282	cP	20 39 12.5	-5.5
			cS	12 54 02.0	-2.5				PMZ	$m_B = 5.3$	6.0	0.75		
			LE	$M_s = 4.4$	10.0	0.50			cS	20 43 24.0	4.3			
WHN	23.2	282	cP	12 51 04.0	1.7				SME	$m_B = 4.9$	11.0	0.43		
			PMZ	$m_B = 5.1$	6.0	0.53			LE	$M_s = 4.5$	12.0	0.65		
			SMN	$m_B = 5.4$	6.0	0.57			BJI	23.1	307	cP	20 39 19.0	-3.1
BJI	23.5	307	cP	12 51 09.0	3.7				cS	20 43 21.0	-6.2			
			eS	12 55 20.0	8.3				SME	$m_B = 4.9$	11.0	0.40		
			SME	$m_B = 4.9$	9.0	0.29			XAN	27.4	290	cP	20 40 02.2	-0.5
TIY	25.6	299	P	12 51 25.5	0.2				CD2	31.8	284	cP	20 40 39.1	-2.8
			LE	$M_s = 4.3$	15.0	0.43			1985 11 4					
XAN	27.9	290	cP	12 51 44.2	-2.3				O	21 23 08.3		$\pm 0.10s$		
GYA	30.3	275	cP	12 52 11.6	2.8				LAT	13.76 N		$\pm 1.25km$		
CD2	32.3	284	cP	12 52 24.0	-1.6				LONG	120.20 E		$\pm 1.88km$		
GTA	35.6	299	P	12 52 54.8	0.6				DEPTH	71 km		$\pm 0.55km$		
1985 11 4						STATIONS USED = 132, STAND DEV = 1.70s								
O	18 46 07.9				$\pm 0.10s$				$M_s = 5.2 / 25,$		$m_B = 5.6 / 16$			
LAT	39.68 N				$\pm 0.97km$				QZH	11.2	353	P	21 25 46.5	-1.6
LONG	118.26 E				$\pm 0.97km$						sP	21 26 09.0	0.1	
DEPTH	12 km				$\pm 0.20km$						S	21 27 52.0	-0.4	

O = 10 19 53.6 eS ± 210.98s 28.9 4.7			
LAT = 26.69 N ScP ± 212.34km 3 5.7			
LONG = 54.88 eS ± 211.99km 8 5.3			
DEPTH = 40 kmN ± 0.65km 5.3 20.0 4.39			
MDJ STATIONS USED = 107, 10 STAND DEV = 1.52s			
Ms = 5.0 / 12, pP 21 29 49.0 = 5.1 / 40			
KSH	21.7	49	pP 21 30 38.0 -2.7
			eS 21 38 34.0 -1.6
			sSE 21 35 04.0 2.6 3.0 34.0
WMQ	31.5	49	sSP 21 36 24.0 -2.7
			sZ 10 31 00.0 = 5.5 4.8 20.0 6.69
WMQ	40.9	324	LN 21 30 40.0 = 5.2 1.2 10.0 1.75
LSA	32.0	76	ScP 21 36 48.0 -1.6
			S 21 38 50.0 2.0
			sSE 21 40 00.0 = 5.4 9.5 4.5 0.39
GTA	39.4	60	eP 10 27 00.0 = 5.6 1.0 20.0 5.18
KSH	46.5	312	SP 21 33 32.0 0.6
			LN 21 33 25.0 = 4.8 2.8 20.0 0.90
LZH	42.5	65	eS 21 38 27.0 -0.9
			PMZ Ms = 5.6 10.0 0.99
CD2	42.8	72	eP 10 27 49.8 0.2
	1985 11 4	S	10 34 12.0 2.6
KMB	42.95	143	eP ± 10.13s 52.0 1.4
	LAT = 30.88 N	S	± 10.73km 7.0 6.0
GYA	46.0	130780	E ± 10.40km 6.0 0.1
	DEPTH = 180 km	PP	± 10.50km 9.0 5.5
STATIONS USED = 7, 10 STAND DEV = 2.71.32s			
XAN	49.8	343	pP 21 38 20.9 -0.3
BJI	14.6	313	eS 21 38 07.0 -0.9
XAN	18.1	286	LN 22 39 Ms = 5.0 -1.7 12.0 0.50
GYA	21.0	264	LE 22 39 46.0 0.7 12.0 0.30
BFO	42.6	258	eP 21 28 06.0 -0.3
			ePP 10 30 16.0 0.8
	1985 11 4	eS	10 35 15.5 0.6
	O = 22 43 26.1	LN	± 0.20s Ms = 5.1 14.0 0.80
	LAT = 16.95 S	LE	± 2.65km 14.0 0.30
HHG	48.4	17483	W ± 10.82km 6.0 1.5
TIY	49.2	146	km ± 10.32km 40.5 -0.4
STATIONS USED = 43, 10 STAND DEV = 2.62.24s			
MDJ	79.5	323	LN 22 55 Ms = 5.1 1.3 14.0 0.67
SNY	81.6	318	LE 22 55 30.6 0.6 14.0 0.46
BZN	89.9	344	eP 22 38 50.0 -0.4
WYN	87.8	238	eP 22 38 09.0 0.5
XAN	88.6	306	eS 22 36 04.0 -0.3
			LN Ms = 4.9 12.0 0.48
BJI	1985 11 4	eP	10 29 01.5 0.1
	O = 23 48 47.3	eS	± 10.17s 26.0 5.5
	LAT = 25.36 N	SMN	± 1.08km 4.9 10.0 0.14
	LONG = 101.61	LN	± 0.97km 5.0 11.0 0.30
	DEPTH = 22 km	E	± 1.09km 13.0 0.41

GZ STATIONS USED = 8, 10 STAND DEV = 3.64.18s			
TIA	53.2	63	ML = 3.5 / 10, 29 10.0 -0.4
KMI	1.0	103	eP 23 49 00.0 = 5.1 1.5 20.0 1.02
NJ2	55.3	68	SP 20 49 22.0 -1.0
			SMN Ms = 4.8 13.0 10.00
DL2	56.3	60	sSE 10 29 32.0 -1.2 1.0 0.80
			LE 10 37 15.0 -3.9 5.0 3.25
QZH	56.8	176	eP 20 50 26.0 -0.2
			Sh 20 37 20.0 5.3
			sSE Ms = 4.7 14.0 0.028
SNY	57.3	56	-iP 10 29 39.2 -1.5
	1985 11 5	S	10 37 34.0 2.5
	O = 00 24 52.6	LN	± 0.08s Ms = 5.7 26.0 4.80
	LAT = 25.93 N	LE	± 0.70km 26.0 2.31
	SSE	LN	± 10.72km 1.0 -0.5
	DEPTH = 10 km	S	± 10.35km 8.0 3.8
CN STATIONS USED = 5, 10 STAND DEV = 3.34.65s			
			ML = 3.0 / 3, 3.0 0.30
KMI	3.0	105	eS 00 25 44.0 -3.0
			SP 00 26 20.0 = 5.2 0.0 12.0 0.70
MDJ	61.2	52	sSE 10 30 05.0 = 3.1 -2.0 1.0 0.080
1985 10 19			
	O = 00 23 54.2		± 0.07s
	LAT = 14.62 N		± 1.65km
	LONG = 172.18 W		± 1.26km
	DEPTH = 392 km		± 0.26km
STATIONS USED = 91, STAND DEV = 1.56s			
MDJ	9.7	293	-P 13 26 40.0 = 5.3 / 1.8
MDJ	77.6	324	PMZ 01 04 31.5 0.6 2.0 0.56
NJ2	77.8	309	SP 03 08 02.8 0.0
CN2	79.5	336	eP 03 06 39.8 -1.3
SNY	13.9	277	PMZ 13 27 08.6 2.5 2.0 0.20
DL2	15.9	267	SP 03 24 34.0 1.8
			SMN 13 30 28.0 = 5.3 2.3 4.0 0.30
BJI	19.7	274	sSE 13 28 15.5 -2.0 4.0 0.30
SSY	79.8	349	PP 03 08 40.3 -0.9
WAN	80.3	366	eP 03 08 26.0 -0.4
NJA	80.0	352	PP 03 08 28.0 -0.9
BHC	83.0	379	eP 03 08 00.0 -0.6
TIY	83.0	370	eP 03 08 09.0 -0.2
BFA	84.2	299	eP 03 09 00.0 -0.8
XAN	86.2	307	eSP 03 03 12.0 -0.6
WHC	84.0	354	eP 03 09 08.0 -0.6
QZH	87.0	333	eP 03 09 18.2 0.0
KMI	88.0	297	SP 03 03 24.0 0.9
KDN	89.2	303	eP 03 09 28.0 -0.5
LTA	90.0	310	PP 03 09 50.0 -1.0
CD2	32.5	263	P 13 30 16.4 -1.1
GYA	1985 11 25	254	P 13 30 19.0 -1.0

November, 1985



O = 01 27 58.6 ± 0.08s
 LAT = 62.54 N ± 1.84km
 LONG = 151.52 W ± 1.07km
 DEPTH = 81 km ± 0.52km
 STATIONS USED = 102, STAND DEV = 1.31s

MDJ	46.8	286	cP	01 36 23.5	0.7		
CN2	49.3	289	+iP	01 36 41.8	-0.2		
			PMZ			3.0	0.40
			sP	01 37 13.0	1.9		
			eS	01 43 41.0	-0.4		
SNY	51.7	289	+iP	01 37 00.6	0.3		
DL2	55.0	288	-P	01 37 24.4	0.1		
BJI	56.4	293	cP	01 37 34.5	0.0		
HHC	57.7	297	+P	01 37 44.0	0.4		
BTO	58.5	298	cP	01 37 49.0	-0.5		
TIA	59.2	290	P	01 37 53.5	-0.6		
TIY	59.9	294	iP	01 37 59.7	0.4		
NJ2	61.9	286	+P	01 38 12.4	-0.3		
GTA	63.6	305	+iP	01 38 23.8	0.1		
WMQ	63.9	316	+P	01 38 26.0	0.0		
XAN	64.5	295	+P	01 38 29.0	-1.1		
WHN	65.2	289	+iP	01 38 34.2	-0.1		
			pP	01 38 55.0	0.4		
CD2	69.4	297	cP	01 39 00.9	0.2		
KSH	71.4	323	cP	01 39 13.0	-0.1		
GYA	72.1	293	P	01 39 17.6	0.7		
GZH	72.1	285	cP	01 39 15.0	-1.9		
LSA	75.4	307	-P	01 39 37.4	0.7		

1985 11 5

O = 06 17 34.1 ± 0.09s
 LAT = 28.07 N ± 2.17km
 LONG = 141.28 E ± 3.92km
 DEPTH = 26 km ± 2.21km
 STATIONS USED = 24, STAND DEV = 1.61s

Ms = 4.4 / 7, m_B = 5.2 / 6

DL2	19.6	309	cP	06 22 02.5	-0.7		
			eS	06 25 37.0	-0.7		
			LN			Ms = 5.3	13.0 5.76
NJ2	19.8	287	+P	06 22 06.0	0.4		
			PMZ			m _B = 5.2	7.0 0.82
			S	06 25 50.0	8.3		
			LE			Ms = 4.3	8.0 0.32
SNY	19.9	318	cP	06 22 06.0	-0.9		
			pP	06 22 14.0	-0.3		
			eS	06 25 45.0	0.3		
			LN			Ms = 4.4	12.0 0.48
			LE				12.0 0.54
CN2	20.2	325	-P	06 22 06.0	-4.0		
			PMZ			m _B = 5.1	4.5 0.40

			cS	06 25 46.0	-4.8		
			LN			Ms = 4.5	11.0 0.70
QZH	20.5	266	cP	06 22 13.0	-0.4		
			PMZ			m _B = 5.1	6.5 0.63
			S	06 26 06.0	-9.6		
TIA	22.0	298	cP	06 22 27.0	-0.9		
			eS	06 26 19.0	-5.2		
WHN	23.6	283	cP	06 22 44.0	0.1		
			PMZ			m _B = 5.4	6.0 0.94
			S	06 26 56.0	3.4		
			SMN			m _B = 5.5	6.0 0.95
			LN			Ms = 4.6	11.0 0.43
			LE				12.0 0.75
TIY	26.0	299	cP	06 23 06.0	-0.8		
			LE			Ms = 4.2	10.0 0.23
XAN	28.3	290	cP	06 23 26.0	-1.8		
			eS	06 28 18.0	6.9		
BTO	28.5	304	cP	06 23 29.0	-1.1		
			S	06 28 19.0	4.9		
			LN			Ms = 4.4	13.0 0.30
			LE				13.0 0.30
GYA	30.8	275	cP	06 23 51.4	1.4		
CD2	32.7	284	cP	06 24 05.4	-1.5		
			S	06 29 22.0	2.3		

1985 11 5

O = 15 24 43.0 ± 0.12s
 LAT = 28.19 N ± 0.75km
 LONG = 140.69 E ± 1.17km
 DEPTH = 76 km ± 2.39km
 STATIONS USED = 9, STAND DEV = 2.03s
 Ms = 4.3 / 2,

DL2	19.1	309	cP	15 29 03.0	0.3		
			LE			Ms = 4.3	17.0 0.76
NJ2	19.3	287	+P	15 29 05.5	1.0		
QZH	20.0	266	cP	15 29 16.5	4.0		
TIA	21.5	298	cP	15 29 26.4	-0.7		
WHN	23.1	282	cP	15 29 44.0	1.2		
			PP	15 30 20.0	4.2		
			sS	15 34 10.0	-3.1		
			LN			Ms = 4.3	8.0 0.29
TIY	25.5	299	cP	15 30 05.2	-0.8		

1985 11 5

O = 15 30 49.8 ± 0.07s
 LAT = 35.35 N ± 1.44km
 LONG = 140.05 E ± 1.17km
 DEPTH = 54 km ± 0.67km
 STATIONS USED = 94, STAND DEV = 1.43s
 Ms = 4.1 / 5,



Station	Time	Depth (km)	Phase	Ms	Ml	Mb	Other
BTO	08 40	00.6	SME	-0.7	12.0	0.7	
GZH	08 30	36.5	+P	-0.3	10.0	6.31	
QZN	08 40	00.8	-Pn	0.9	7.0	1.00	
QZN	08 31	24.0	PMZ	-1.4	9.0	1.91	
QZN	08 35	16.0	LN	-0.8	9.0	0.86	
QZN	08 40	56.0	eP	-0.8	14.0	0.40	
QZN	08 42	36.5	LN	0.5	14.0	0.40	
QZN	08 30	54.0	P	2.8	11.0	0.70	
WHN	08 35	44.0	LE	1.4	10.0	1.10	
GYA	08 41	02.0	eS	2.7			
GYA	08 30	57.0	eP	0.6			
LZH	08 42	33.0	eP	-7.5			
CD2	08 31	11.0	LN	-1.5	9.0	2.90	
SSE	08 36	26.0	LE	4.0	8.0	3.34	
GTA	08 41	02.8	P	2.7			
GTA	08 31	39.4	eP	-2.9			
NJ2	08 33	00.0	LN	-1.4	9.0	2.54	
LSA	08 37	15.5	S	2.6	9.0	0.96	
GYA	08 41	11.6	+P	2.7	11.0	0.50	
GYA	08 32	45.6	LN	-0.5	4.0	1.60	
WMQ	08 41	34.0	eP	-0.9	5.0	0.45	
WMQ	08 43	48.0	PP	4.2			
WMQ	08 34	27.0	SMN	-0.6	1.4	0.50	
WMQ	08 39	06.0	eS	-3.5	10.0	1.60	
XAN	08 33	00.6	LN	0.7	10.0	1.60	
XAN	08 42	14.8	eP	2.3	6.0	0.60	
XAN	08 34	46.0	PP	0.9			
XAN	08 46	20.8	LG1	2.0			
XAN	08 39	40.0	S	6.8			
KSH	08 34	10.0	LN	0.5	10.0	1.43	
CD2	08 41	48.0	eP	7.4	9.0	1.30	
CD2	08 42	30.6	LE	0.9			
SNY	08 47	09.0	LG1	8.7			
SNY	08 43	20.0	LN	-0.9	9.0	1.12	
SNY	08 43	54.0	eP	-1.8			
MDJ	08 44	02.5	P	0.0			
KMI	10 03	33.5	+Pg	-1.1			
MDJ	10 03	48.0	Sg	-3.2			
MDJ	10 04	06.2	SMN	1.8	1.0	0.44	
MDJ	10 04	13.0	SME	3.0	1.0	0.44	
MDJ	10 04	51.8	LN	-2.8	2.0	1.90	
MDJ	09 49	11.6	Pn	1.7			
MDJ	09 49	16.5	LN	0.6	1.0	0.030	
XAN	09 50	56.4	eP	-3.4			
CD2	10 04	25.9	ePn	3.2			
TIY	09 51	14.1	eP	-1.5			
TIY	10 04	40.5	Pg	6.9			
SNY	09 51	29.8	eP	-1.5			
SNY	10 05	36.4	Sg	-0.1			
HHC	09 51	41.8	eP	-0.4			
HHC	09 52	11.4	SMN	-2.0	0.9	0.037	
GTA	09 52	11.4	P	-2.0	0.8	0.047	
GTA	09 52	11.4	SME	-2.0	0.8	0.047	
XAN	19 51	56.0	eP	2.4	19.5	56.0	
XAN	19 53	25.8	P	-2.9	19.5	25.8	
CD2	19 55	37.8	eP	0.7	19.5	37.8	
KMI	12 46	16.0	-Pg	3.1	12.4	16.0	
GYA	19 56	10.0	eP	-1.0	19.5	10.0	
GYA	12 47	05.5	Sg	0.3	12.4	05.5	
SMN							M _L =4.3
SMN							1.2
SME							0.74
LN							1.4
LN							0.69
O	20 48	47.8					± 0.16s
LN							M _s =3.5
LN							8.0
LN							0.90
LAT	28.40	N					± 2.75km
Pn							± 12.46
Pn							46.7
Pn							4.5
LONG	140.82	E					± 3.32km
Pg							± 12.47
Pg							10.0
Pg							6.7
DEPTH	34	km					± 1.08km
Sg							± 12.48
Sg							39.6
Sg							4.2
STATIONS USED	39						STAND DEV = 2.02s
SMN							M _L =3.7
SMN							1.4
SMN							0.042
M _s	4.5 / 7						m _B =5.5 / 16
M _s	4.5 / 7						1.2
M _s	4.5 / 7						0.029
SSE	17.3	284	eP	-1.5	20.5	284	
GYA	7.3	84	ePn	2.5	12.4	84	
GYA	7.3	84	ePn	2.5	12.4	84	
GYA	7.3	84	ePn	2.5	12.4	84	
PMZ							m _B =5.0
PMZ							6.0
PMZ							0.43
XAN	12.1	46	eP	-5.9	12.4	46	
XAN	12.1	46	eP	-5.9	12.4	46	
XAN	12.1	46	eP	-5.9	12.4	46	
eS							± 20.55
eS							57.0
eS							-0.3
SS							20.56
SS							10.0
SS							-8.2
1985 10 11							
LN							M _s =4.3
LN							10.0
LN							0.50
O	13 39	45.0					± 0.09s
P							± 20.53
P							11.0
P							0.7
LAT	35.70	N					± 1.70km
PMZ							± 13.42
PMZ							58.4
PMZ							-0.4
LONG	140.11	E					± 1.65km
eP							± 20.56
eP							52.0
eP							8.9
DEPTH	92	km					± 1.16km
PMZ							± 13.43
PMZ							16.8
PMZ							2.7
STATIONS USED	28						STAND DEV = 2.04s
SMN							m _B =5.5
SMN							6.0
SMN							1.43
m _s	5.4						m _B =5.0
m _s	5.4						8.0
m _s	5.4						1.36
NJ2	19.3	286	-P	0.4	20.5	286	
MDJ	12.0	321	+P	2.1	13.4	321	
MDJ	12.0	321	+P	2.1	13.4	321	
MDJ	12.0	321	+P	2.1	13.4	321	
PMZ							m _B =5.7
PMZ							5.0
PMZ							2.00
CN2	13.9	310	eP	-0.4	13.4	310	
CN2	13.9	310	eP	-0.4	13.4	310	
CN2	13.9	310	eP	-0.4	13.4	310	
S							± 20.56
S							52.0
S							8.9
DL2	15.1	288	eP	2.7	13.4	288	
DL2	15.1	288	eP	2.7	13.4	288	
DL2	15.1	288	eP	2.7	13.4	288	
sS							± 20.57
sS							01.5
sS							5.3
TIA	18.6	278	eP	-2.0	13.4	278	
TIA	18.6	278	eP	-2.0	13.4	278	
TIA	18.6	278	eP	-2.0	13.4	278	
LN							M _s =4.5
LN							10.0
LN							0.70
BJI	19.4	290	eP	-2.1	13.4	290	
BJI	19.4	290	eP	-2.1	13.4	290	
BJI	19.4	290	eP	-2.1	13.4	290	
SNY	19.4	318	-iP	-1.0	20.5	318	
SNY	19.4	318	-iP	-1.0	20.5	318	
SNY	19.4	318	-iP	-1.0	20.5	318	
WHN	22.2	264	eP	1.1	13.4	264	
WHN	22.2	264	eP	1.1	13.4	264	
WHN	22.2	264	eP	1.1	13.4	264	
PMZ							m _B =5.6
PMZ							5.0
PMZ							1.42
XAN	25.6	275	eP	-1.1	13.4	275	
XAN	25.6	275	eP	-1.1	13.4	275	
XAN	25.6	275	eP	-1.1	13.4	275	
CN2	19.7	325	-P	-2.4	20.5	325	
CN2	19.7	325	-P	-2.4	20.5	325	
CN2	19.7	325	-P	-2.4	20.5	325	
GYA	30.0	262	P	-0.9	13.4	262	
GYA	30.0	262	P	-0.9	13.4	262	
GYA	30.0	262	P	-0.9	13.4	262	
PMZ							m _B =5.2
PMZ							4.5
PMZ							0.50
1985 10 11							
pP							20.53
pP							23.0
pP							-2.8
eS							± 20.56
eS							47.0

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		pP	20 54 06.0	4.8						O = 22 16 16.2	± 0.21s			
		PP	20 54 28.0	5.7						LAT = 16.48 S	± 2.65km			
		S	20 58 05.0	8.5						LONG = 173.26 W	± 2.43km			
		SMN	$m_B = 5.5$	7.0	1.05					DEPTH = 44 km	± 1.29km			
		LN	$M_s = 4.8$	10.0	0.71					STATIONS USED = 67,	STAND DEV = 2.36s			
		LE		10.0	0.66					$M_s = 5.0 / 2,$	$m_B = 5.4 / 1$			
BJI	23.4	306	cP	20 53 53.0	-1.5				MDJ	80.0	322	cP	22 28 21.2	-2.0
			PMZ	$m_B = 5.2$	6.0	0.64						S	22 38 22.0	1.1
			eS	20 58 10.0	8.4							SS	22 43 34.0	-0.2
			SMN	$m_B = 5.5$	7.0	0.83						LZ	$M_s = 5.0$	30.0 0.73
			SME		9.0	0.81			CN2	82.0	320	+P	22 28 32.0	-1.9
GZH	25.3	264	cP	20 54 14.0	1.1							PMZ		2.0 0.20
			SME	$m_B = 5.6$	8.0	1.27						eS	22 38 37.0	-6.7
TIY	25.5	299	cP	20 54 12.5	-2.2							LE	$M_s = 5.0$	13.0 0.30
			PMZ	$m_B = 5.8$	5.0	1.26			DL2	82.0	314	cP	22 28 33.5	-0.6
			S	20 58 44.5	8.1				SNY	82.2	318	cP	22 28 33.8	-1.0
			LN	$M_s = 4.1$	10.0	0.12			TIA	84.0	310	cP	22 28 43.5	-0.7
			LE		10.0	0.12			BJI	86.3	313	cP	22 28 55.0	-0.5
HHC	27.0	305	cP	20 54 28.4	-0.3							cSKS	22 39 18.0	4.1
XAN	27.8	290	cP	20 54 35.0	-1.1							cS	22 39 30.0	3.6
			S	20 59 23.0	8.8							SMN	$m_B = 5.4$	7.0 0.17
BTO	28.0	304	+P	20 54 39.0	0.8							SME		7.0 0.17
			PMZ	$m_B = 5.6$	6.0	0.70			TIY	88.0	310	P	22 29 04.1	0.0
			eS	20 59 22.0	3.1				GYA	88.7	298	P	22 29 08.0	0.9
			LN	$M_s = 4.5$	14.0	0.50			XAN	89.4	306	cP	22 29 10.4	0.1
			LE		14.0	0.30			KMI	91.6	296	cP	22 29 22.0	1.0
GYA	30.3	274	cP	20 55 01.2	2.4				CD2	92.5	301	cP	22 29 25.6	0.7
CD2	32.2	284	cP	20 55 13.4	-2.1				LZH	94.0	306	cP	22 29 32.0	0.3
GTA	35.5	299	cP	20 55 39.7	-4.1				GTA	98.0	309	cP	22 29 49.5	-0.3
LSA	43.2	284	cP	20 56 47.5	-0.5									
WMQ	44.8	305	cP	20 56 56.0	-5.0									
KSH	53.9	300	cP	20 58 12.0	1.3									
1985 11 6														
				O = 21 20 10.8	± 0.11s									
				LAT = 5.56 N	± 1.54km									
				LONG = 124.78 E	± 3.17km									
				DEPTH = 34 km	± 0.32km									
				STATIONS USED = 20,	STAND DEV = 1.47s									
SSE	25.6	353	cP	21 25 37.8	-1.4									
WHN	26.7	340	cP	21 25 48.5	-0.9									
CD2	32.0	324	cP	21 26 36.6	-0.4									
TIY	33.9	342	cP	21 26 52.5	-0.9									
BJI	35.2	348	cP	21 27 04.0	-0.1									
LZH	36.0	330	+P	21 27 12.0	1.1									
			PMZ		1.5	0.10								
MDJ	39.1	5	cP	21 27 38.2	1.0									
GTA	40.5	330	-P	21 27 50.0	0.9									
1985 11 6														
1985 11 7														
				O = 02 25 35.5	± 0.26s									
				LAT = 27.89 N	± 2.41km									
				LONG = 141.07 E	± 3.28km									
				DEPTH = 28 km	± 0.77km									
				STATIONS USED = 12,	STAND DEV = 2.65s									
				$M_s = 5.0 / 1,$										
				TIA	21.9	298	cP	02 30 27.4	-1.0					
				WHN	23.5	283	cP	02 30 45.6	1.8					
							LN	$M_s = 5.0$	8.0 1.34					
				XAN	28.2	291	cP	02 31 25.4	-2.7					
				CD2	32.6	284	cP	02 32 06.0	-1.0					
				GTA	35.9	299	cP	02 32 34.0	-2.1					
1985 11 7														
				O = 05 25 14.4	± 0.08s									
				LAT = 24.73 N	± 0.96km									
				LONG = 121.98 E	± 0.84km									
				DEPTH = 85 km	± 1.51km									
				STATIONS USED = 72,	STAND DEV = 1.51s									

			eS	08 36 15.0	-1.6					1985 11 7							
			LE			Ms=5.2	13.0	3.02		O=11 46 57.7		± 0.06s					
WMQ	33.6	69	+P	08 33 01.0	0.4					LAT=27.83 N		± 0.54km					
			eS	08 38 20.0	-0.2					LONG=99.89 E		± 0.65km					
			LZ			Ms=5.1	17.0	2.04		DEPTH=9 km		± 0.15km					
LSA	41.0	89	+P	08 34 03.2	-0.1					STATIONS USED = 5,		STAND DEV = 4.25s					
GTA	43.5	72	+iP	08 34 24.5	0.9					M _L =3.3 / 2,							
			LE			Ms=5.1	12.0	0.89	CD2	4.6	47	Pg	11 48 17.8	-0.6			
LZH	47.7	74	+P	08 34 58.0	0.7												
			PMZ				1.0	0.15									
			LE			Ms=5.0	9.0	0.48		1985 11 7							
CD2	50.0	81	eP	08 35 14.7	0.1					O=16 15 46.0		± 0.20s					
BTO	50.3	66	eP	08 35 17.8	0.5					LAT=28.47 N		± 2.87km					
			eS	08 42 28.0	0.7					LONG=140.67 E		± 3.69km					
			LN			Ms=4.9	14.0	0.40		DEPTH=36 km		± 0.88km					
			LE				14.0	0.30		STATIONS USED = 32,		STAND DEV = 2.62s					
HHC	51.3	65	-P	08 35 25.4	0.6					Ms=4.3 / 7,		m _B =5.1 / 5					
			LN			Ms=5.3	10.0	0.89	SSE	17.1	284	eP	16 19 44.0	-0.3			
			LE				10.0	0.46				eSS	16 23 13.0	0.3			
KMI	52.1	88	+iP	08 35 30.0	-1.2							LN	Ms=4.2	12.0	0.59		
XAN	52.4	74	+iP	08 35 32.0	-0.6				MDJ	18.4	334	eP	16 20 01.0	1.0			
			LN			Ms=5.2	13.0	0.57				eS	16 23 24.0	3.3			
			LE				14.0	0.67				LZ	Ms=4.2	16.0	0.58		
TIY	53.2	69	P	08 35 38.8	-0.4				DL2	18.9	308	eP	16 20 08.0	1.3			
			LN			Ms=5.1	13.0	0.49				NJ2	19.2	286	-P	16 20 10.0	0.5
			LE				11.0	0.43				PMZ	m _B =5.3	6.0	0.83		
GYA	54.4	84	+P	08 35 47.0	-1.0							S	16 23 39.0	1.1			
BJI	54.8	64	eP	08 35 50.5	-0.3							LN	Ms=4.5	12.0	0.60		
			S	08 43 36.0	8.6				SNY	19.3	318	-P	16 20 10.0	-0.5			
			LN			Ms=5.3	13.0	0.96				pP	16 20 19.0	0.4			
TIA	57.3	68	P	08 36 08.0	-0.3							eS	16 23 50.0	9.5			
WHN	58.1	75	+P	08 36 13.9	0.0							LN	Ms=4.5	11.0	0.62		
SNY	59.0	60	eP	08 36 18.9	-1.7							LE		12.0	0.72		
DL2	59.1	63	P	08 36 20.0	-1.2				CN2	19.6	325	-P	16 20 12.0	-2.0			
			LN			Ms=5.3	14.0	0.72				PMZ	m _B =4.9	4.5	0.30		
			LE				14.0	0.73				eS	16 23 40.0	-7.7			
CN2	59.3	57	+P	08 36 21.0	-1.5							LE	Ms=4.4	10.0	0.60		
			PMZ				3.0	0.30	TIA	21.3	297	eP	16 20 28.2	-3.9			
			eS	08 44 23.0	-4.5				WHN	23.0	282	P	16 20 49.0	0.2			
			LZ			Ms=5.7	14.0	2.70				PMZ	m _B =5.5	5.0	1.15		
NJ2	60.6	71	+P	08 36 30.5	-0.9							PP	16 21 21.0	2.6			
QZN	61.0	89	eP	08 36 33.4	-0.9							eS	16 25 01.0	8.4			
GZH	61.3	83	P	08 36 36.0	-0.5							LN	Ms=4.5	10.0	0.41		
MDJ	61.5	54	eP	08 36 37.0	-0.6							LE		12.0	0.42		
			eS	08 44 52.0	-3.9				BJI	23.2	306	eP	16 20 50.0	-1.1			
			LN			Ms=5.0	30.0	1.02				eS	16 24 56.0	-0.9			
SSE	62.8	71	-iP	08 36 45.5	-0.6							SMN	m _B =5.1	7.0	0.31		
			PMZ				1.0	0.13				SME		10.0	0.37		
			sP	08 36 59.0	0.0				TIY	25.3	299	eP	16 21 10.8	-0.5			
												LE	Ms=4.3	14.0	0.46		
									HHC	26.8	305	eP	16 21 21.6	-3.7			

XAN 27.6 290 eP 16 21 27.0 -5.8
 GYA 30.2 274 P 16 21 56.8 1.2
 CD2 32.1 284 P 16 22 09.4 -2.8
 GTA 35.3 299 P 16 22 36.0 -4.5

1985 11 7

O = 19 12 31.2 ± 0.09s
 LAT = 35.10 S ± 2.88km
 LONG = 179.34 W ± 2.43km
 DEPTH = 48 km ± 0.48km
 STATIONS USED = 170, STAND DEV = 1.57s
 Ms = 6.4 / 18, m_B = 6.8 / 29

QZH 83.8 306 P 19 24 56.5 -0.8
 PMZ m_B = 6.6 8.0 5.85
 sP 19 25 17.0 1.8
 PP 19 28 16.0 4.7
 iS 19 35 15.0 -0.3
 LN Ms = 6.0 14.0 2.70
 QZN 86.0 296 +iP 19 25 09.0 0.4
 PMZ m_B = 6.6 7.0 4.05
 PP 19 28 26.5 -2.8
 SKS 19 35 28.0 2.1
 iS 19 35 34.0 -3.5
 SMN m_B = 6.5 9.0 2.90
 SME 8.5 3.30
 PS 19 36 36.0
 SS 19 41 10.0 -8.0
 LN Ms = 6.4 19.0 4.20
 LE 24.0 10.3
 GZH 86.1 302 -iP 19 25 10.0 1.1
 PMZ m_B = 6.6 7.0 4.26
 sP 19 25 24.0 -2.8
 eSKS 19 35 26.0 -0.4
 S 19 35 30.0 -6.6
 SMN m_B = 6.4 8.0 2.08
 SME 8.0 2.06
 SSE 86.4 312 +iP 19 25 09.5 -0.8
 PMZ m_B = 6.6 8.0 4.92
 pP, 19 25 20.0 -3.1
 sP 19 25 26.0 -2.2
 PP 19 28 40.0 7.6
 SKS 19 35 32.5 4.2
 S 19 35 40.0 0.7
 sS 19 35 57.0 -5.8
 PS 19 36 40.0
 SS 19 41 22.0 -1.2
 LN Ms = 6.0 13.0 1.85
 LE 13.0 2.02
 NJ2 88.5 312 +iP 19 25 19.5 -0.9
 PMZ m_B = 6.8 7.0 5.00

WHN 90.3 308 -iP 19 25 29.0 0.0
 PMZ m_B = 6.9 6.0 5.27
 sP 19 25 46.0 -1.0
 SKS 19 35 54.0 1.3
 iS 19 36 18.0 0.5
 SMN m_B = 6.8 6.0 5.50
 sS 19 36 42.0 2.6
 SS 19 42 13.6 -6.4
 LN Ms = 6.3 24.0 6.35
 LE 20.0 5.32
 DL2 91.6 318 +iP 19 25 35.0 -0.3
 PMZ m_B = 6.7 7.0 3.56
 pP 19 25 51.0 2.8
 sP 19 25 55.0 1.7
 PP 19 29 11.0 -4.0
 SKS 19 36 02.0 1.4
 S 19 36 32.0 4.3
 SMN m_B = 7.0 10.0 9.87
 SME 9.0 9.59
 MDJ 91.9 326 +P 19 25 36.0 -0.4
 PMZ m_B = 6.9 6.0 3.98
 PP 19 29 10.0 -7.0
 iSKS 19 36 04.0 2.2
 iS 19 36 35.0 3.6
 PS 19 37 52.0
 SS 19 42 48.0 6.1
 LZ Ms = 6.6 30.0 22.0
 TIA 92.4 314 P 19 25 38.5 -0.1
 PMZ m_B = 6.8 8.0 4.09
 sP 19 25 53.0 -3.6
 PP 19 29 18.5 -2.5
 SKS 19 36 06.5 1.9
 S 19 36 40.0 6.1
 SMN m_B = 6.6 8.5 2.81
 SME 11.0 5.00
 LN Ms = 6.0 19.0 1.33
 LE 18.0 3.08
 SNY 92.7 321 eP 19 25 39.0 -1.2
 PMZ m_B = 6.8 5.0 2.69
 pP 19 25 51.0 -2.1
 PP 19 29 22.0 -1.7
 SKS 19 36 07.0 0.4
 iS 19 36 40.0 1.3
 SMN 13.0 12.0
 LE Ms = 6.4 18.0 7.06

GTA	8.1	60	P	04 17 49.5	-0.2	Ms=4.5	5.5	2.69
			LG ₂	04 20 14.0	-3.5			
			LN			Ms=3.8	9.5	0.65
CD2	11.8	110	P	04 18 39.4	-1.3			
			LE			Ms=4.6	7.0	1.31
TIY	17.5	77	eP	04 19 53.2	-1.4			

1985 11 8

O=04 38 43.2 ± 0.24s

LAT=28.19 N ± 2.16km

LONG=140.71 E ± 3.66km

DEPTH= 34 km ± 0.56km

STATIONS USED = 21, STAND DEV = 2.36s

Ms=4.4/ 6, m_B=5.1/ 4

MDJ	18.6	334	eP	04 43 00.0	-0.6			
			S	04 46 26.0	2.5			
			LZ			Ms=4.3	15.0	0.75
DL2	19.1	309	eP	04 43 09.0	2.7			
			sS	04 46 50.0	2.8			
NJ2	19.3	287	-P	04 43 08.0	-0.1			
			PMZ			m _B =5.2	7.0	0.83
			sS	04 46 55.0	4.2			
SNY	19.5	319	P	04 43 10.0	-0.4			
			sS	04 47 00.0	4.6			
			LE			Ms=4.4	13.0	0.77
CN2	19.8	326	-P	04 43 10.0	-4.1			
			eS	04 46 53.0	2.4			
			LE			Ms=4.4	10.0	0.60
QZH	20.0	266	eP	04 43 16.0	-0.4			
TIA	21.5	298	eP	04 43 31.8	0.7			
			S	04 47 30.0	8.3			
			LE			Ms=4.2	11.0	0.33
WHN	23.1	282	eP	04 43 45.0	-2.0			
			eS	04 47 55.0	3.3			
			SMN			m _B =5.3	7.0	0.61
			LN			Ms=4.4	10.0	0.41
			LE				11.0	0.17
BJI	23.4	307	eP	04 43 47.0	-3.4			
			SME			m _B =5.1	9.0	0.52
TIY	25.5	299	eP	04 44 10.0	-0.3			
			LE			Ms=4.4	14.0	0.55
XAN	27.8	290	eP	04 44 29.4	-1.9			
GTA	35.5	299	eP	04 45 37.4	-1.9			

1985 11 8

O=07 00 53.7 ± 0.10s

LAT= 6.74 N ± 1.91km

LONG=124.29 E ± 3.06km

DEPTH= 33 km ± 0.28km

STATIONS USED = 25, STAND DEV = 1.77s

SSE	24.4	354	eP	07 06 12.0	1.5			
			eS	07 10 30.0	4.5			
			sS	07 10 44.0	3.9			
GYA	25.8	321	eP	07 06 25.8	1.7			
XAN	30.7	334	eP	07 07 06.8	-1.0			
CD2	30.8	324	eP	07 07 08.8	-0.2			
BJI	33.9	349	P	07 07 35.0	-1.4			
LZH	34.7	330	-P	07 07 44.0	0.9			
			PMZ				1.5	0.070
GTA	39.3	330	-P	07 08 22.7	1.1			
WMQ	48.9	325	P	07 09 38.5	-0.4			

1985 11 8

O=08 38 05.9 ± 0.14s

LAT= 6.60 N ± 1.48km

LONG=124.23 E ± 1.96km

DEPTH= 61 km ± 0.97km

STATIONS USED = 96, STAND DEV = 1.51s

Ms=4.6/ 16, m_B=5.6/ 9

QZN	18.7	313	eP	08 42 22.4	0.6			
			PMZ			m _B =5.6	6.0	2.00
			SME			m _B =5.4	10.0	1.20
			LN			Ms=4.7	14.0	1.14
			LE				15.0	1.14
QZH	19.0	344	+P	08 42 26.0	0.1			
			PMZ			m _B =5.6	6.0	2.07
			sP	08 42 47.0	2.3			
			eS	08 46 00.0	8.4			
GZH	19.5	329	+iP	08 42 30.0	-0.6			
			PMZ			m _B =5.5	6.0	1.55
			LN			Ms=4.6	13.0	1.19
SSE	24.5	354	-P	08 43 22.4	1.0			
			pP	08 43 32.0	-3.2			
			S	08 47 38.0	4.0			
			sS	08 47 54.0	-4.4			
			LN			Ms=4.7	24.0	1.22
			LE				22.0	1.20
WHN	25.6	340	eP	08 43 31.7	0.5			
			S	08 47 58.0	6.9			
			SMN			m _B =5.4	7.0	0.72
			LN			Ms=4.5	14.0	0.62
NJ2	25.8	349	+P	08 43 34.0	0.4			
			PMZ			m _B =5.6	5.0	0.77
			eS	08 48 00.0	4.0			
			LZ			Ms=4.4	23.0	0.92
GYA	25.9	322	P	08 43 37.4	3.0			
			PMZ			m _B =5.7	5.0	1.00
			S	08 48 04.0	7.5			
			SME			m _B =5.4	8.0	0.80

	eS	09 25 03.0	-1.9		
	LN	Ms=4.6	14.0	0.50	
	LE		14.0	0.40	
QZN	29.8 259 eP	09 20 39.0	1.2		
	eS	09 25 27.0	-3.3		
GYA	30.4 275 P	09 20 43.0	-0.3		
CD2	32.4 284 P	09 20 59.5	-0.7		
	S	09 26 15.0	5.7		
	eSS	09 28 12.0	5.8		
	LN	Ms=5.1	13.0	1.56	
KMI	34.2 274 +P	09 21 16.0	-0.1		
	eS	09 26 36.0	-2.8		
	LN	Ms=4.9	14.0	1.03	
GTA	35.7 299 -P	09 21 28.2	-0.8		
	LN	Ms=4.9	13.0	0.84	
LSA	43.3 284 eP	09 22 32.0	-0.7		
WMQ	45.1 305 +P	09 22 46.5	0.3		
KSH	54.1 300 eP	09 23 56.0	0.4		

1985 11 8

O=09 38 01.8 ± 0.19s
 LAT=22.50 S ± 2.37km
 LONG=175.28 W ± 4.43km
 DEPTH= 68 km ± 1.17km
 STATIONS USED = 24, STAND DEV= 2.34s

MDJ	83.6 324 eP	09 50 24.2	-0.7		
CN2	85.4 321 +P	09 50 32.8	-1.2		
WHN	85.7 305 P	09 50 36.0	0.9		
TIA	86.5 311 eP	09 50 39.2	0.0		
BJI	89.1 314 eP	09 50 51.0	-0.6		
XAN	91.3 306 -iP	09 51 03.0	0.7		
KMI	92.5 296 +P	09 51 09.5	1.7		

1985 11 8

O=12 28 27.3 ± 0.24s
 LAT=28.23 N ± 1.42km
 LONG=140.86 E ± 2.55km
 DEPTH= 72 km ± 0.86km
 STATIONS USED = 9, STAND DEV= 2.32s

NJ2	19.4 287 +P	12 32 53.0	2.5		
TIY	25.6 299 eP	12 33 51.2	-0.6		
HHC	27.1 305 eP	12 34 05.0	-0.8		
XAN	27.9 290 eP	12 34 10.4	-2.5		
CD2	32.3 284 P	12 34 49.4	-2.6		
GTA	35.6 299 P	12 35 20.6	0.1		

1985 11 8

O=16 01 35.5 ± 0.03s
 LAT=25.57 N ± 0.30km
 LONG= 99.98 E ± 0.29km

	DEPTH= 14 km	± 0.06km			
	STATIONS USED = 8,	STAND DEV = 1.50s			
		M _L =3.6 / 3,			
KMI	2.5 99 +Pg	16 02 20.0	-0.6		
		Sg	16 02 53.0	-2.1	
		SMN	M _L =3.6	1.0	0.30
		SME		1.0	0.30
CD2	6.3 31 Pg	16 03 26.0	-0.5		

1985 11 8

O=13 54 32.7 ± 0.15s
 LAT=33.93 S ± 3.25km
 LONG=178.91 W ± 3.60km
 DEPTH= 34 km ± 0.34km
 STATIONS USED = 39, STAND DEV= 2.98s
 Ms=5.0 / 1,

SSE	85.9 312 eP	14 07 11.0	0.0		
		S	14 17 30.0	-9.2	
MDJ	91.1 326 -P	14 07 36.0	-0.1		
		sS	14 18 40.0	-6.1	
		LZ	Ms=5.0	22.0	0.37
CN2	92.5 323 +P	14 07 41.0	-1.5		
XAN	95.6 307 eP	14 07 54.8	-2.1		

1985 11 8

O=18 40 23.7 ± 0.08s
 LAT=28.01 N ± 1.79km
 LONG=140.75 E ± 1.66km
 DEPTH= 35 km ± 0.28km
 STATIONS USED = 176, STAND DEV= 1.49s
 Ms=6.3 / 27, m_B=6.6 / 30

SSE	17.3 285 -P	18 44 24.2	-0.1		
		pP	18 44 30.5	-1.6	
		sP	18 44 35.5	-1.4	
		S	18 47 36.0	2.6	
		sS	18 47 48.0	1.7	
		SS	18 47 56.0	1.0	
		LN	Ms=6.0	11.0	27.2
		LE		11.0	14.1
MDJ	18.8 335 eP	18 44 42.5	-0.7		
		sP	18 44 54.0	-1.7	
		PP	18 45 02.0	3.0	
		eS	18 48 14.0	5.6	
		sS	18 48 21.0	0.1	
		SME	m _B =5.9	8.0	4.19
		LZ	Ms=6.3	13.0	61.0
DL2	19.3 309 +iP	18 44 48.0	-0.3		
		PMZ	m _B =6.0	5.0	3.98
		S	18 48 21.0	3.3	
		SMN	m _B =6.8	8.0	26.5

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			SME		10.0	27.3			PMZ	$m_B=6.7$	6.0	11.7	
			LN	$M_s=6.3$	12.0	38.9			SMN	$m_B=6.8$	9.0	8.62	
			LE		14.0	37.8			SME		12.0	27.2	
NJ2	19.4	287	+P	18 44 46.0	-3.5				sS	18 50 24.0	0.4		
			PMZ		$m_B=6.7$	5.0	20.8		LN	$M_s=6.1$	12.0	15.3	
			S	18 48 20.0	-0.2				LE		15.0	21.5	
			sS	18 48 33.0	-0.4			TIY	25.6	299	+iP	18 45 51.5	-0.3
			LN		$M_s=6.1$	13.0	23.5		PMZ		$m_B=6.8$	5.0	11.4
			LE			15.0	35.6		SMN		$m_B=6.6$	11.0	18.2
SNY	19.7	319	+iP	18 44 52.0	-0.5				LE		$M_s=6.3$	12.0	33.4
			PMZ		$m_B=6.0$	4.5	3.10		ScS	18 56 41.0	-4.2		
			pP	18 45 00.0	-1.0				LN		$M_s=6.4$	15.0	42.0
			iS	18 48 33.5	6.3				LE			16.0	39.7
			SMN		$m_B=6.2$	8.5	6.12	HHC	27.1	306	-P	18 46 05.6	-0.5
			SME			9.5	5.90		sP	18 46 17.0	-2.4		
			LN		$M_s=6.0$	12.0	13.9		S	18 50 43.0	3.5		
			LE			12.5	21.5		SME		$m_B=6.7$	12.0	21.7
CN2	20.0	326	+P	18 44 55.0	-1.3				LN		$M_s=6.1$	12.0	16.5
			PMZ		$m_B=6.1$	4.0	4.00		LE			12.0	10.6
			pP	18 45 03.0	-1.9			XAN	27.9	290	+iP	18 46 11.6	-1.0
			eS	18 48 28.0	-6.4				PMZ		$m_B=6.5$	6.0	5.91
			SME		$m_B=6.6$	10.0	25.0		S	18 50 45.0	-6.2		
			LN		$M_s=6.4$	14.0	57.0		LN		$M_s=6.4$	12.0	14.2
			LE			14.0	56.0		LE			14.0	36.8
QZH	20.1	266	-P	18 44 56.5	-0.6			BTO	28.2	304	+iP	18 46 14.5	-1.0
			sP	18 45 10.0	-0.3				PMZ		$m_B=6.4$	6.0	5.20
			iS	18 48 34.0	-1.9				sP	18 46 27.0	-1.8		
			LN		$M_s=6.4$	12.0	62.4		PP	18 47 05.0	-0.7		
			LE			14.0	32.2		iS	18 50 55.0	-2.3		
TIA	21.6	298	eP	18 45 12.4	-0.2				SMN		$m_B=6.6$	9.0	10.6
			PMZ		$m_B=6.5$	5.5	13.1		SME			9.0	7.70
			sP	18 45 25.7	-0.3				LN		$M_s=6.2$	11.0	9.90
			S	18 49 13.0	8.8				LE			14.0	20.9
			SMN		$m_B=6.9$	10.0	9.15	QZN	29.7	259	-iP	18 46 30.0	1.5
			SME			10.0	40.2		PMZ		$m_B=6.5$	7.0	6.00
			LN		$M_s=6.3$	13.5	16.8		pP	18 46 39.0	1.0		
			LE			16.0	63.5		iS	18 51 27.5	6.8		
WHN	23.2	283	+iP	18 45 29.5	1.3				sS	18 51 42.5	6.0		
			PMZ			1.2	0.49		ScS	18 57 05.0	1.7		
			ipP	18 45 38.0	0.7				LN		$M_s=6.1$	11.0	6.10
			SME		$m_B=6.9$	12.0	45.8		LE			14.0	16.1
			LN		$M_s=6.3$	11.0	29.2	GYA	30.3	275	+P	18 46 34.0	-0.4
			LE			11.0	29.0		PMZ			1.4	0.40
BJI	23.6	307	P	18 45 31.5	-0.6				pP	18 46 44.0	0.2		
			PMZ		$m_B=6.1$	7.0	5.29		PP	18 47 35.0	1.7		
			eS	18 49 47.0	6.5				S	18 51 34.0	4.0		
			SMN		$m_B=6.9$	12.0	19.2		SME		$m_B=6.1$	8.0	3.80
			SME			13.0	46.7		LN		$M_s=6.4$	17.0	44.9
			LE		$M_s=6.2$	14.0	37.8	LZH	32.2	294	+iP	18 46 50.0	-0.9
GZH	25.2	265	-iP	18 45 49.0	1.2				PMZ		$m_B=6.6$	6.0	5.62

		S	20 13 48.0	8.1					
		LE		$M_s=5.4$	20.0	4.62			
KMI	34.0	274	P	20 08 46.5	-0.4				
		pP	20 08 54.5	-3.2					
		LE		$M_s=5.5$	16.0	4.10			
GTA	35.7	300	P	20 09 00.0	-0.9				
		S	20 14 28.0	-4.7					
		LN		$M_s=5.6$	16.0	5.12			
LSA	43.2	285	eP	20 10 03.4	-0.6				
		S	20 16 26.9	0.8					
		LE		$M_s=5.1$	14.0	0.98			
WMQ	45.1	305	P	20 10 18.5	0.1				
		PP	20 12 05.0	0.9					
		LZ		$M_s=5.4$	22.0	3.47			
KSH	54.1	300	eP	20 11 29.0	1.5				

		LE						11.0	0.20
GYA	30.2	275	P	21 01 37.6	-0.3				
LZH	32.1	294	eP	21 01 54.0	-0.6				
		PMZ						1.0	0.080
CD2	32.2	284	eP	21 01 54.4	-0.7				
		eS	21 07 09.0	7.0					
		LN		$M_s=4.9$	16.0	1.24			
KMI	34.0	274	eP	21 02 11.0	0.4				
GTA	35.6	299	-P	21 02 24.0	-0.5				
		ePP	21 03 40.8	-4.0					
		S	21 07 54.5	0.8					
		LN		$M_s=5.0$	20.0	1.58			
LSA	43.2	285	eP	21 03 26.7	-0.8				
WMQ	45.0	305	P	21 03 41.5	-0.4				
KSH	54.0	300	eP	21 04 52.0	0.9				

1985 11 8

O=20 55 30.6 ± 0.09s
 LAT=27.93 N ± 1.83km
 LONG=140.66 E ± 1.69km
 DEPTH= 64 km ± 0.40km

STATIONS USED = 104, STAND DEV = 1.65s

$M_s=4.7/9$, $m_B=5.4/2$

SSE	17.2	285	eP	20 59 33.9	5.1				
			pP	20 59 40.5	0.5				
			sS	21 02 58.0	3.6				
			LE		$M_s=4.6$	10.0	1.24		
NJ2	19.3	288	+P	20 59 53.0	-0.5				
			sS	21 03 40.0	-1.6				
			LN		$M_s=4.5$	12.0	0.80		
SNY	19.7	319	eP	20 59 56.2	-0.9				
QZH	20.0	266	eP	21 00 01.0	0.4				
CN2	20.0	326	eP	21 00 03.0	2.0				
WHN	23.1	283	eP	21 00 33.5	1.7				
			PMZ			3.0	0.80		
			LE		$M_s=5.1$	13.0	2.90		
BJI	23.5	307	eP	21 00 37.5	1.4				
			SME		$m_B=5.3$	8.0	0.57		
			LN		$M_s=4.7$	13.0	0.71		
			LE			13.0	0.81		
GZH	25.1	265	P	21 00 52.5	1.3				
			SME		$m_B=5.5$	12.0	1.48		
TIY	25.6	300	P	21 00 55.8	0.1				
			LN		$M_s=4.5$	11.0	0.52		
			LE			12.0	0.14		
HHC	27.1	306	-P	21 01 10.2	0.2				
XAN	27.8	291	P	21 01 15.6	-0.7				
BTO	28.2	305	eP	21 01 19.0	-0.4				
			S	21 06 00.0	2.8				
			LN		$M_s=4.8$	11.0	0.80		

1985 11 8

O=21 40 15.5 ± 0.13s
 LAT=27.86 N ± 1.93km
 LONG=140.74 E ± 2.30km
 DEPTH= 52 km ± 0.38km

STATIONS USED = 38, STAND DEV = 1.88s

NJ2	19.4	288	eP	21 44 40.6	0.3				
SNY	19.8	319	eP	21 44 45.6	1.5				
CN2	20.1	326	eP	21 44 51.5	3.6				
TIA	21.6	299	eP	21 45 03.6	0.1				
WHN	23.2	283	eP	21 45 20.5	1.9				
			eS	21 49 31.0	8.8				
BJI	23.6	307	eP	21 45 22.0	-1.1				
TIY	25.7	300	eP	21 45 42.6	0.0				
XAN	27.9	291	eP	21 46 02.0	-1.2				
GYA	30.3	275	P	21 46 24.2	-0.4				
LZH	32.2	294	eP	21 46 41.5	0.1				
CD2	32.3	284	P	21 46 41.2	-0.7				
GTA	35.7	300	P	21 47 09.8	-1.6				
WMQ	45.1	305	P	21 48 27.0	-1.8				

1985 11 8

O=22 16 51.5 ± 0.15s
 LAT=27.88 N ± 3.61km
 LONG=140.45 E ± 2.27km
 DEPTH= 31 km ± 0.26km

STATIONS USED = 7, STAND DEV = 4.75s

TIA	21.4	299	eP	22 21 34.7	-4.5				
TIY	25.4	300	eP	22 22 18.4	-0.2				
CD2	32.0	284	P	22 23 23.8	5.8				

1985 11 9

O=10 45 22.9 ± 0.14s
 LAT=28.39 N ± 1.70km

LONG = 140.88 E				± 2.40km		QZN		31.8	334	P	13 02 35.4	-1.3			
DEPTH = 91 km				± 0.72km						eS	13 07 40.0	-4.6			
STATIONS USED = 26,				STAND DEV = 2.83s						LN	Ms = 5.3	17.0	2.60		
				m _B = 5.5 / 8						LE		16.0	1.50		
MDJ	18.5	334	eP	10 49 34.0	-0.9	GZH		34.3	343	+P	13 02 58.4	0.3			
			eS	10 52 56.0	0.5					pP	13 03 05.9	-0.2			
			LZ			16.0	0.76			LE	Ms = 5.0	12.0	1.19		
NJ2	19.4	286	-P	10 49 44.5	0.3	QZH		34.9	352	eP	13 03 07.0	3.3			
			PMZ			m _B = 5.5	6.0	1.70			S	13 08 30.0	-2.2		
			S	10 53 20.5	7.7					LN	Ms = 5.1	15.5	1.77		
			LE			9.0	0.45	GYA		39.7	336	-P	13 03 45.0	0.8	
SNY	19.4	318	eP	10 49 42.0	-3.0					sP	13 03 56.0	0.4			
			LE			12.0	0.72			PP	13 05 15.0	-4.4			
CN2	19.7	325	-P	10 49 46.0	-2.2					LE	Ms = 5.2	13.0	1.40		
			eS	10 53 20.0	-1.0	KMI		40.4	330	-iP	13 03 50.5	1.0			
			LN			10.0	0.60			sP	13 04 02.0	1.2			
QZH	20.2	265	+P	10 49 55.5	2.5					S	13 09 56.0	1.2			
			PMZ			m _B = 5.6	4.5	1.29			SME	m _B = 5.8	8.0	1.30	
TIA	21.5	297	eP	10 50 04.8	-1.4					LE	Ms = 5.5	18.0	3.70		
			PMZ			m _B = 5.4	4.5	0.88	SSE		40.8	357	eP	13 03 53.6	1.0
			eS	10 54 04.0	9.7					pP	13 04 01.0	0.4			
			SME			m _B = 5.4	6.0	0.61			sP	13 04 04.0	-0.2		
			LE			10.0	0.37			PP	13 05 28.5	-1.3			
WHN	23.2	282	eP	10 50 27.0	4.5					eS	13 09 58.0	-3.8			
			LE			10.0	0.77			sS	13 10 08.0	-7.1			
BJI	23.4	306	eP	10 50 26.0	1.2					SS	13 12 53.0	-4.7			
			PMZ			m _B = 5.2	6.0	0.64			LE	Ms = 5.1	12.0	1.06	
			SMN			m _B = 5.5	7.0	0.61	WHN		41.2	348	-iP	13 03 56.5	0.7
			SME			9.0	0.64			pP	13 04 02.0	-1.8			
TIY	25.5	299	eP	10 50 43.0	-1.9					S	13 10 08.0	1.3			
			PMZ			m _B = 5.9	4.0	1.29			SMN	m _B = 5.7	6.0	0.86	
			sS	10 55 40.0	1.8					sS	13 10 20.0	-0.9			
			LE			11.0	0.12			LN	Ms = 5.4	17.0	1.77		
XAN	27.8	290	eP	10 51 06.0	-0.3					LE		18.0	1.95		
BTO	28.1	304	P	10 51 12.5	4.2	NJ2		41.9	354	+P	13 04 02.4	0.4			
			eS	10 55 55.0	9.8					PMZ	m _B = 5.7	5.0	0.60		
			LN			13.0	0.30			S	13 10 18.0	0.2			
			LE			13.0	0.30			LE	Ms = 4.9	11.0	0.50		
GTA	35.5	299	eP	10 52 18.2	4.6	CD2		44.8	335	eP	13 04 25.9	0.0			
			LN			8.0	0.23			ePP	13 06 09.0	-2.4			
LSA	43.2	284	eP	10 53 20.5	2.8					S	13 10 59.0	-1.6			
WMQ	44.9	305	-P	10 53 35.9	5.2					sS	13 11 19.0	4.0			
										LN	Ms = 5.3	28.0	3.33		
						XAN		45.9	343	-iP	13 04 32.8	-1.2			
										S	13 11 09.0	-6.1			
										LN	Ms = 5.4	18.0	1.97		
										LE		14.0	0.80		
						TIA		46.2	352	eP	13 04 35.2	-1.6			
										eS	13 11 13.0	-8.3			
										SMN	m _B = 5.2	9.0	0.35		

1985 11 9

O = 12 56 11.5 ± 0.12s

LAT = 9.83 S ± 2.14km

LONG = 123.82 E ± 2.95km

DEPTH = 25 km ± 0.14km

STATIONS USED = 129, STAND DEV = 2.16s

Ms = 5.3 / 25, m_B = 5.8 / 10

XAN	55.1	319	eP	18 44 22.4	-0.4
CD2	56.9	313	eP	18 44 36.4	0.6
GTA	64.2	319	P	18 45 25.7	0.8

1985 11 9

O=19 48 47.1 ± 0.16s
 LAT=28.25 N ± 2.02km
 LONG=140.71 E ± 2.92km
 DEPTH= 36 km ± 0.88km
 STATIONS USED = 35, STAND DEV= 2.02s
 Ms=4.5/ 7, m_B=5.4/ 7

SSE	17.2	284	eP	19 52 44.0	-2.4
			eSS	19 56 12.0	-3.8
			LN		1.0 0.60
MDJ	18.6	334	eP	19 53 05.0	1.3
NJ2	19.3	287	-P	19 53 10.0	-1.6
			PMZ	m _B =5.6	5.0 1.60
			SS	19 57 00.0	-7.4
			LE	Ms=4.3	10.0 0.47
SNY	19.4	319	eP	19 53 16.0	2.4
			S	19 56 52.0	7.0
			LE	Ms=4.5	12.0 0.84
CN2	19.8	326	eP	19 53 17.0	-0.2
QZH	20.0	266	eP	19 53 22.0	1.9
TIA	21.4	298	eP	19 53 32.9	-1.6
			PMZ	m _B =5.6	5.0 1.35
			SMN	m _B =5.4	6.0 0.34
			SME		6.0 0.73
			LE	Ms=4.6	11.0 0.80
WHN	23.1	282	eP	19 53 52.5	1.9
			PMZ	m _B =5.8	5.0 1.91
			S	19 58 03.0	8.7
			LN	Ms=4.8	9.0 0.78
			LE		11.0 0.76
BJI	23.4	307	eP	19 53 53.5	-0.2
			PMZ	m _B =5.3	5.0 0.65
			eS	19 58 05.0	4.3
			SMN	m _B =5.4	7.0 0.78
			SME		10.0 0.66
GZH	25.2	264	eP	19 54 12.0	1.0
TIY	25.4	299	P	19 54 15.5	1.8
			LN	Ms=3.9	10.0 0.12
HHC	27.0	305	eP	19 54 25.7	-2.1
XAN	27.7	290	eP	19 54 32.4	-2.4
BTO	28.0	304	+P	19 54 38.0	0.7
			ePP	19 55 22.5	-4.3
			eS	19 59 14.0	-3.8
			LN	Ms=4.4	13.0 0.30
			LE		13.0 0.30
GYA	30.2	275	P	19 54 57.8	0.6

CD2	32.1	284	eP	19 55 13.7	-0.3
GTA	35.5	299	P	19 55 41.3	-1.5
			LN	Ms=4.7	8.0 0.32
LSA	43.1	284	eP	19 56 46.0	-0.6
WMQ	44.8	305	eP	19 57 02.0	1.8

1985 11 9

O=22 13 25.9 ± 0.23s
 LAT=27.87 S ± 2.43km
 LONG= 66.88 W ± 1.41km
 DEPTH=153 km ± 1.99km
 STATIONS USED = 38, STAND DEV= 2.53s

KSH	147.2	60	ePKP	22 32 51.0	1.1
GTA	164.0	40	-iPKP	22 33 12.8	1.0
HHC	167.0	5	-PKP	22 33 15.4	1.2
BTO	167.0	11	ePKP	22 33 14.6	0.3
TIA	171.0	339	ePKP	22 33 17.0	0.3
CD2	171.3	67	ePKP	22 33 17.6	0.8
XAN	172.9	29	ePKP	22 33 18.0	0.4
GYA	174.1	102	PKP	22 33 18.2	0.0

1985 11 9

O=23 30 41.5 ± 0.10s
 LAT=41.25 N ± 1.87km
 LONG= 23.99 E ± 1.52km
 DEPTH= 18 km ± 0.20km
 STATIONS USED = 107, STAND DEV= 1.58s
 Ms=5.3/ 6,

KSH	39.2	75	-iP	23 38 12.0	1.3
			pP	23 38 17.0	-0.4
			eS	23 44 16.0	5.9
WMQ	46.0	64	P	23 39 08.0	1.9
GTA	56.1	65	-iP	23 40 22.8	0.3
LZH	60.5	66	-P	23 40 53.0	-0.5
			PMZ		1.5 0.12
BTO	62.3	59	eP	23 41 05.6	0.1
			epP	23 41 11.0	-1.2
			eS	23 49 29.0	-0.4
HHC	63.1	58	+iP	23 41 11.3	0.1
CD2	63.2	71	-P	23 41 11.0	-0.7
			PMZ		1.0 0.080
			pP	23 41 15.0	-3.5
TIY	65.4	61	-iP	23 41 25.0	-1.0
			LE	Ms=4.9	10.0 0.23
KMI	65.8	77	-P	23 41 27.0	-1.4
BJI	66.5	57	eP	23 41 32.5	-0.4
			eS	23 50 14.0	-7.6
			LN	Ms=5.3	15.0 0.86
GYA	67.8	74	P	23 41 40.6	-1.0
			pP	23 41 45.2	-3.1

GYA	30.4	275	eP	16 27 48.0	2.6		
CD2	32.3	284	P	16 28 01.4	-0.5		
GTA	35.6	299	eP	16 28 28.5	-1.6		
			LE			Ms=4.5	14.0 0.41
LSA	43.3	284	eP	16 29 33.0	-1.2		

1985 11 10

O=19 40 33.6 ± 0.11s
 LAT=28.81 S ± 5.29km
 LONG= 13.17 W ± 3.17km
 DEPTH= 8 km ± 0.25km
 STATIONS USED = 53, STAND DEV = 2.37s
 Ms=5.8/ 3,

KMI	123.4	78	ePKP	19 59 33.5	0.8		
GTA	124.7	60	PKP	19 59 38.0	2.9		
			LZ			Ms=6.0	24.0 2.67
CD2	125.9	71	ePKP	19 59 38.3	0.9		
GYA	127.1	77	PKP	19 59 41.4	1.5		
			PP	20 01 47.0	5.8		
LZH	127.2	65	ePKP	19 59 41.0	1.0		
XAN	130.9	68	PKP	19 59 48.0	1.0		
BTO	132.6	60	ePKP	19 59 51.8	1.5		
			PP	20 02 19.5	3.0		
			LN			Ms=5.8	19.0 0.80
			LE				19.0 0.90
TIY	134.2	64	ePKP	19 59 55.0	1.7		
			LN			Ms=5.8	20.0 0.51
			LE				18.0 1.07
BJI	137.3	61	ePKP	20 00 01.0	2.2		
TIA	137.8	67	ePKP	20 00 03.2	3.3		
SNY	142.8	58	+PKP	20 00 05.0	-3.7		
CN2	143.8	54	+PKP	20 00 08.4	-2.1		
MDJ	146.6	52	-PKP	20 00 16.3	1.0		

1985 11 10

O=20 29 20.8 ± 0.26s
 LAT=21.26 N ± 4.04km
 LONG=122.04 E ± 3.43km
 DEPTH= 23 km ± 1.75km
 STATIONS USED = 7, STAND DEV = 3.69s

GZH	8.3	284	eP	20 31 19.0	-3.3		
QZN	11.7	261	eP	20 32 11.4	2.2		
XAN	17.2	320	eP	20 33 20.6	-1.1		
BJI	19.4	346	eP	20 33 46.5	-1.5		

1985 11 10

O=20 46 01.8 ± 0.06s
 LAT= 6.91 S ± 0.97km
 LONG=129.27 E ± 1.51km
 DEPTH=153 km ± 0.14km

STATIONS USED = 52, STAND DEV = 1.20s

GYA	39.8	327	P	20 53 22.0	0.4		
			PcP	20 55 26.2	1.4		
			ScP	20 59 00.4	2.7		
WHN	39.9	340	eP	20 53 22.0	-0.5		
NJ2	40.0	346	eP	20 53 24.0	0.6		
KMI	41.0	322	+P	20 53 33.0	1.2		
CD2	44.8	328	eP	20 54 02.6	-0.2		
XAN	45.1	336	eP	20 54 03.2	-1.3		
BJI	48.2	347	eP	20 54 29.0	-0.4		
SNY	48.8	354	eP	20 54 34.0	0.5		
HHC	50.2	343	eP	20 54 44.5	-0.3		
BTO	50.5	341	eP	20 54 46.6	-0.1		
CN2	50.6	356	eP	20 54 46.6	-0.7		
GTA	53.5	332	P	20 55 09.8	0.3		
			ScP	20 59 57.1	2.2		
WMQ	62.9	327	P	20 56 15.6	0.8		
KSH	67.4	318	eP	20 56 45.0	1.3		

1985 11 11

O=02 48 54.9 ± 0.15s
 LAT=37.69 N ± 1.51km
 LONG=102.57 E ± 1.28km
 DEPTH= 3 km ± 0.45km
 STATIONS USED = 14, STAND DEV = 3.98s

						M _L =4.0/ 11,		
LZH	1.9	147	Pn	02 49 25.0	-3.6			
			Sn	02 49 48.5	-6.3			
			SMN			M _L =4.1	1.0	2.48
			SME				0.8	0.89
GTA	2.8	309	Pn	02 49 42.0	1.5			
			Pg	02 49 46.5	2.8			
			Sg	02 50 25.0	3.6			
XAN	6.3	123	ePg	02 50 44.5	-2.0			
			SMN			M _L =3.2	1.0	0.020
			SME				1.0	0.010
BTO	6.5	61	ePg	02 50 46.0	-3.5			
			Sg	02 52 12.1	-5.8			
			SMN			M _L =4.0	1.2	0.10
			SME				1.2	0.060
HHC	7.7	63	ePg	02 51 12.8	2.4			
			Sg	02 52 49.0	-5.8			
			SMN			M _L =4.0	0.6	0.050
			SME				0.6	0.040
TIY	7.8	87	Pg	02 51 19.6	6.4			
			SMN			M _L =4.0	1.0	0.050
			SME				1.0	0.040

1985 11 11

O=04 40 14.7 ± 0.12s

November, 1985

LAT=36.63 N ± 1.02km
 LONG= 71.02 E ± 1.50km
 DEPTH=217 km ± 1.40km
 STATIONS USED = 26, STAND DEV = 2.27s
 $M_L = 4.1 / 1,$

KSH	4.8	53	-iP	04 41 30.0	1.7
			S	04 42 24.0	-0.9
WMQ	14.6	55	+P	04 43 33.5	0.6
LSA	18.2	106	eP	04 44 15.2	0.7
GTA	22.8	74	P	04 45 03.3	3.1
XAN	30.9	83	eP	04 46 13.6	0.1
GYA	31.9	98	eP	04 46 20.6	-1.4

1985 11 11
 O=04 57 34.6 ± 0.18s
 LAT=28.29 N ± 2.63km
 LONG=141.04 E ± 3.33km
 DEPTH= 38 km ± 0.87km
 STATIONS USED = 31, STAND DEV = 2.38s
 $M_s = 4.4 / 9,$ $m_B = 5.3 / 9$

SSE	17.5	284	P	05 01 36.0	-1.3
			sS	05 04 59.5	-2.1
			LN	$M_s = 4.2$	10.0 0.45
MDJ	18.7	334	eP	05 01 49.0	-3.2
			PP	05 02 05.0	-2.9
			eS	05 05 06.0	-9.9
			LZ	$M_s = 4.3$	15.0 0.76
DL2	19.3	308	eP	05 02 00.0	0.7
			PMZ	$m_B = 5.3$	6.0 0.93
			eS	05 05 35.0	5.7
NJ2	19.5	287	+P	05 02 00.0	-2.0
			PMZ	$m_B = 5.4$	7.0 1.30
			LN	$M_s = 4.2$	12.0 0.40
SNY	19.6	318	eP	05 01 57.0	-5.8
			eS	05 05 30.0	-6.8
			LE	$M_s = 4.4$	12.0 0.67
CN2	19.9	325	-P	05 02 01.5	-4.6
			PMZ	$m_B = 5.1$	4.5 0.40
			LE	$M_s = 4.4$	10.0 0.60
QZH	20.3	266	P	05 02 11.5	0.9
			sS	05 06 09.0	3.6
TIA	21.7	297	eP	05 02 23.4	-0.9
			PMZ	$m_B = 5.4$	6.0 1.06
			eS	05 06 23.0	5.9
			SME	$m_B = 5.2$	7.0 0.54
			LN	$M_s = 4.4$	10.0 0.44
WHN	23.3	282	eP	05 02 41.0	0.3
			PMZ	$m_B = 5.5$	5.0 1.15
			SMN	$m_B = 5.3$	7.0 0.57
			LN	$M_s = 4.7$	10.0 0.61

LE 13.0 0.74

GZH	25.5	265	P	05 03 02.2	1.1
			eS	05 07 20.0	-3.3
TIY	25.7	299	P	05 03 04.5	1.2
			PMZ	$m_B = 5.8$	5.0 1.26
			PP	05 03 45.5	2.6
			sS	05 07 43.0	-0.3
			LE	$M_s = 4.2$	10.0 0.23
XAN	28.0	290	eP	05 03 21.4	-3.2
BTO	28.2	304	P	05 03 25.0	-1.7
GYA	30.5	275	eP	05 03 46.2	-0.9
CD2	32.4	284	P	05 04 02.9	-0.9
GTA	35.7	299	P	05 04 32.9	0.7
LSA	43.4	284	eP	05 05 34.5	-1.7
WMQ	45.1	305	P	05 05 50.7	1.4

1985 11 11
 O=09 43 45.6 ± 0.07s
 LAT=33.07 N ± 1.62km
 LONG=140.53 E ± 1.36km
 DEPTH= 74 km ± 0.48km
 STATIONS USED = 107, STAND DEV = 1.51s
 $M_s = 4.1 / 7,$

MDJ	14.3	327	eP	09 47 06.8	0.6
CN2	15.9	317	+iP	09 47 27.0	0.2
			eS	09 50 23.0	1.9
			LZ	$M_s = 4.1$	22.0 0.80
SNY	16.0	308	eP	09 47 30.4	2.3
			eS	09 50 31.0	7.5
			LE	$M_s = 3.9$	26.0 0.67
NJ2	18.3	273	+P	09 47 57.0	0.9
			LE	$M_s = 4.2$	16.0 0.60
TIA	19.5	286	P	09 48 09.8	0.1
			LE	$M_s = 4.6$	18.0 1.54
BJI	20.7	297	eP	09 48 19.0	-3.5
WHN	22.4	271	iP	09 48 41.2	2.3
TIY	23.3	289	eP	09 48 48.4	0.1
			PMZ		0.6 0.050
			S	09 52 57.0	5.7
			SS	09 53 49.0	6.1
			LE	$M_s = 4.1$	13.0 0.31
HHC	24.3	297	eP	09 48 56.0	-2.1
BTO	25.5	296	eP	09 49 09.5	0.7
XAN	26.3	281	-P	09 49 15.7	-0.9
GYA	30.0	266	P	09 49 49.6	-0.7
			S	09 54 39.4	-1.8
LZH	30.2	286	eP	09 49 52.5	0.3
CD2	31.2	276	eP	09 49 58.2	-2.0
GTA	33.2	293	P	09 50 18.0	-0.3
WMQ	42.1	301	-iP	09 51 34.5	1.9

1985 11 11
O=12 16 49.5 ± 0.09s
LAT= 3.10 S ± 1.23km
LONG=129.77'E ± 1.73km
DEPTH= 71 km ± 0.52km
STATIONS USED = 71, STAND DEV= 1.58s

NJ2	36.5	344	eP	12 23 45.0	-4.7
WHN	36.6	337	P	12 23 52.5	2.0
GYA	36.9	324	P	12 23 55.0	1.3
KMI	38.4	318	+P	12 24 07.5	1.2
XAN	41.8	334	-P	12 24 34.2	-0.3
CD2	41.9	326	eP	12 24 35.5	0.2
TIY	43.7	340	eP	12 24 49.5	0.0
BJI	44.7	345	eP	12 24 57.0	-0.6
SNY	45.1	353	eP	12 25 00.2	-0.3
LZH	45.9	330	+P	12 25 07.5	0.2
			PMZ		1.5 0.070
HHC	46.8	341	P	12 25 14.8	0.4
CN2	46.8	356	eP	12 25 13.4	-1.2
MDJ	47.5	360	eP	12 25 20.1	0.3
LSA	49.3	314	eP	12 25 34.4	0.3
GTA	50.5	330	-P	12 25 42.7	-0.2
WMQ	60.0	326	P	12 26 52.4	0.5
KSH	65.0	316	P	12 27 26.8	1.9

1985 11 11
O=19 01 10.3 ± 0.28s
LAT=56.04 N ± 4.92km
LONG=111.77 E ± 2.22km
DEPTH= 32 km ± 1.47km
STATIONS USED = 17, STAND DEV= 3.22s
Ms=4.2/ 2,

CN2	15.1	139	eP	19 04 44.6	2.0
			eS	19 07 32.0	2.9
			LZ	Ms=4.2	12.0 0.70
BTO	15.5	185	eP	19 04 51.0	2.5
BJI	16.3	168	eP	19 04 56.0	-2.3
			LN	Ms=4.2	10.0 0.46
WMQ	19.6	242	eP	19 05 41.5	2.4
LZH	20.7	198	eP	19 05 48.5	-2.0
XAN	22.1	186	eP	19 06 01.9	-2.8
CD2	25.8	196	eP	19 06 39.4	-0.7

1985 11 11
O=20 29 15.3 ± 0.24s
LAT=28.30 N ± 1.91km
LONG=140.82 E ± 3.88km
DEPTH= 65 km ± 0.85km
STATIONS USED = 34, STAND DEV= 2.03s

				Ms=4.3 / 10,		m_B=5.4 / 10		
SSE	17.3	284	P		20 33 13.0		-0.9	
			S		20 36 15.0		-6.8	
			sS		20 36 36.0		-8.0	
			LN		Ms=4.2	10.0	0.45	
MDJ	18.6	334	eP		20 33 28.0		-1.7	
			PP		20 33 43.0		-4.1	
			eS		20 36 52.0		0.3	
			LZ		Ms=4.3	15.0	0.76	
DL2	19.1	309	eP		20 33 38.0		2.0	
NJ2	19.3	287	+P		20 33 36.0		-2.3	
			PMZ		m _B =5.6	5.0	1.60	
			eS		20 37 10.0		1.7	
			LN		Ms=4.2	15.0	0.50	
SNY	19.5	318	eP		20 33 39.0		-0.7	
			S		20 37 19.0		8.6	
			LE		Ms=4.3	14.0	0.59	
CN2	19.8	325	-P		20 33 40.0		-3.1	
			PMZ		m _B =5.2	4.5	0.60	
			eS		20 37 10.0		-7.6	
			LE		Ms=4.5	10.0	0.70	
QZH	20.1	266	P		20 33 47.5		0.6	
TIA	21.5	298	eP		20 34 00.7		0.0	
			PMZ		m _B =5.4	6.0	1.19	
			SMN		m _B =5.2	8.0	0.25	
			SME			9.0	0.50	
			LE		Ms=4.3	11.0	0.40	
WHN	23.1	282	eP		20 34 15.5		-1.4	
			PMZ		m _B =5.6	5.0	1.53	
			S		20 38 24.0		4.8	
			SMN		m _B =5.5	7.0	0.76	
			LN		Ms=4.7	10.0	0.51	
			LE			12.0	0.78	
BJI	23.4	306	eP		20 34 20.0		0.4	
			PMZ		m _B =5.2	5.0	0.62	
			eS		20 38 32.0		7.1	
			SMN		m _B =5.5	7.0	0.71	
			SME			9.0	0.70	
			eSS		20 39 18.0		2.5	
GZH	25.3	264	eP		20 34 38.5		1.2	
			eS		20 39 00.0		4.0	
TIY	25.5	299	P		20 34 40.0		0.3	
			PMZ		m _B =5.8	5.0	1.26	
			PP		20 35 20.5		-0.2	
			S		20 39 07.0		7.8	
			LE		Ms=4.2	10.0	0.23	
XAN	27.8	290	eP		20 35 00.5		-0.4	
BTO	28.1	304	+P		20 35 03.0		-0.2	
			eS		20 39 46.0		4.1	
QZN	29.8	259	eP		20 35 22.5		4.3	

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	eS	20 40 18.0	9.2		
GYA	30.3 275 eP	20 35 19.6	-3.8		
CD2	32.2 284 P	20 35 41.4	1.4		
	S	20 40 55.0	8.2		
GTA	35.5 299 P	20 36 07.8	-0.7		
	LE	Ms=4.3	10.0	0.19	
LSA	43.2 284 eP	20 37 11.0	-1.4		

	LG ₂	01 18 38.0	-5.1		
	LN	Ms=3.9	8.0	0.57	
WMQ	8.2 344 eP	01 16 20.8	1.9		
LZH	10.6 85 eP	01 16 51.0	-1.9		
XAN	15.1 92 eP	01 17 52.0	0.4		
GYA	16.6 120 P	01 18 15.0	3.5		
TIY	17.5 78 P	01 18 21.2	-1.3		

1985 11 11

O=23 23 41.6 ± 0.12s
 LAT=12.92 N ± 1.39km
 LONG=143.29 E ± 1.47km
 DEPTH=138 km ± 0.33km
 STATIONS USED = 85, STAND DEV = 1.06s

SSE	27.2 315 eP	23 29 12.0	-3.0		
NJ2	29.4 314 eP	23 29 32.3	-2.2		
WHN	32.0 308 P	23 29 57.5	0.6		
TIA	33.0 319 eP	23 30 05.7	-0.5		
MDJ	33.7 342 +iP	23 30 13.5	1.7		
CN2	34.4 337 -P	23 30 16.8	-1.0		
	pP	23 30 44.0	-3.4		
BJI	36.0 323 P	23 30 31.5	-0.2		
GYA	36.9 297 -iP	23 30 40.4	1.4		
TIY	37.0 317 -iP	23 30 40.2	0.7		
	PMZ		1.0	0.080	
XAN	37.6 310 -P	23 30 44.2	-0.9		
HHC	39.3 321 -iP	23 31 00.4	1.3		
KMI	40.1 294 -P	23 31 07.0	1.5		
	pP	23 31 34.5	-1.0		
	eS	23 37 03.0	1.6		
BTO	40.1 320 -iP	23 31 06.7	0.8		
CD2	40.5 303 P	23 31 09.9	0.6		
	PMZ		1.0	0.12	
	epP	23 31 36.0	-3.5		
	esP	23 31 55.0	-0.5		
	S	23 37 08.0	0.8		
LZH	42.3 310 -iP	23 31 24.5	1.0		
GTA	46.5 313 -iP	23 31 57.8	0.6		
LSA	50.9 298 eP	23 32 30.5	-1.4		
WMQ	56.5 314 -iP	23 33 13.4	1.2		
KSH	64.4 308 eP	23 34 05.0	-1.1		

1985 11 12

O=03 34 19.7 ± 0.23s
 LAT=36.07 S ± 7.54km
 LONG= 98.35 W ± 8.63km
 DEPTH= 8 km ± 0.86km
 STATIONS USED = 92, STAND DEV = 3.31s

	Ms=6.1 / 19,	m _B =6.0 / 2		
MDJ	142.9 298 ePKP	03 53 51.5	-3.5	
CN2	145.9 297 -PKP	03 53 56.6	-3.5	
	PKP ₂	03 54 06.0		
	PP	03 57 29.5	5.0	
	PPMZ	m _B =6.0	6.0	0.60
	SKKS	03 57 29.5		
	SS	04 16 17.0	1.4	
	LZ	Ms=6.2	20.0	2.50
QZH	146.5 261 -PKP	03 54 02.0	0.8	
	LE	Ms=5.9	20.0	1.42
SSE	146.8 273 ePKP	03 54 00.6	-1.2	
	ePP	03 57 36.0	5.6	
	SKKS	04 04 20.0		
	SS	04 16 29.0	1.6	
	LE	Ms=6.4	52.0	10.4
DL2	148.3 287 ePKP	03 54 07.0	2.8	
NJ2	149.0 274 ePKP	03 54 00.0	-5.3	
	LE	Ms=6.0	20.0	1.80
GZH	149.7 253 ePKP	03 54 13.0	6.6	
	LN	Ms=6.4	44.0	8.75
	LE		40.0	2.73
QZN	149.9 243 ePKP	03 54 08.0	1.2	
	PKP ₂	03 54 22.0		
	PKS	03 57 36.0		
	PPMZ	m _B =5.9	10.0	0.83
	LN	Ms=6.2	25.0	3.20
TIA	151.4 281 ePKP	03 54 12.3	3.2	
WHN	152.2 268 ePKP	03 54 13.0	2.8	
	PKP ₂	03 54 28.0		
BJI	152.6 289 ePKP	03 54 08.0	-2.8	
	epPKP	03 54 19.0	6.6	
	eSKS	04 01 11.0	-3.2	
	eSKKS	04 04 56.0		
	LN	Ms=6.0	20.0	1.22
	LE		20.0	1.26

1985 11 12

O=01 14 19.2 ± 0.08s
 LAT=35.96 N ± 1.27km
 LONG= 90.71 E ± 0.91km
 DEPTH= 31 km ± 0.24km
 STATIONS USED = 17, STAND DEV = 2.13s
 Ms=3.9 / 1, M_L=4.0 / 2,
 GTA 8.0 62 P 01 16 17.0 0.7

TIY	155.4	283	ePKP	03 54 15.2	0.6		
			LE	Ms=5.7	20.0	0.98	
HHC	156.2	291	ePKP	03 54 21.0	5.3		
GYA	156.6	253	PKP	03 54 19.6	3.3		
BTO	157.3	290	ePKP	03 54 19.6	2.3		
			PP	03 58 30.0	0.8		
			SKKS	04 05 17.5			
			eSS	04 18 21.0	-0.8		
			LN	Ms=6.1	19.0	1.40	
			LE		19.0	1.30	
XAN	157.6	273	ePKP	03 54 16.6	-1.0		
			LE	Ms=6.2	6.0	0.94	
KMI	158.9	245	ePKP	03 54 23.0	3.7		
CD2	160.9	261	ePKP	03 54 24.6	3.3		
			LE	Ms=6.1	32.0	3.59	
			LZ	Ms=6.1	28.0	3.44	
LZH	162.1	277	ePKP	03 54 26.5	3.9		
			ePKP ₂	03 55 09.0			
			eSKKS	04 05 48.0			
			LE	Ms=6.4	20.0	4.44	
GTA	165.2	289	PKP	03 54 25.0	-0.7		
			PP	03 59 10.0	-1.5		
			SKKS	04 05 56.5			
			LE	Ms=6.2	21.0	3.10	
LSA	169.8	234	ePKP	03 54 25.5	-3.6		
			SKS	04 01 28.2	-0.4		
WMQ	171.0	331	PKP	03 54 37.5	8.0		
			SKKS	04 06 36.0			
			LN	Ms=6.2	68.0	13.2	
KSH	174.4	51	PKP	03 54 25.0	-6.0		
			LE	Ms=6.1	19.0	3.60	

1985 11 12

O=10 24 11.4 ± 0.24s
 LAT=28.42 N ± 2.27km
 LONG=141.08 E ± 4.02km
 DEPTH= 65 km ± 1.32km
 STATIONS USED = 26, STAND DEV= 2.29s
 Ms=4.4/ 9, m_B=5.3/ 7

SSE	17.5	284	+P	10 28 10.0	-2.5		
			eS	10 31 15.0	-8.0		
			LN	Ms=4.2	12.0	0.54	
DL2	19.2	308	eP	10 28 32.0	-1.3		
			S	10 32 10.0	8.5		
			LN	Ms=4.4	10.0	0.56	
NJ2	19.5	286	+P	10 28 35.0	-1.6		
			PMZ	m _B =5.2	8.0	1.00	
			LE	Ms=4.3	10.0	0.50	
SNY	19.5	318	-P	10 28 34.0	-2.6		
			S	10 32 12.0	3.9		

			LN	Ms=4.5	12.0	0.36	
			LE		12.0	0.78	
CN2	19.8	325	-P	10 28 36.5	-3.2		
			LE	Ms=4.5	10.0	0.70	
QZH	20.4	265	P	10 28 47.0	1.4		
TIA	21.7	297	eP	10 29 02.5	4.1		
			LE	Ms=4.1	12.0	0.30	
WHN	23.4	282	eP	10 29 14.5	-0.5		
			PMZ	m _B =5.6	5.0	1.34	
			S	10 33 24.0	5.0		
			SMN	m _B =5.3	7.0	0.57	
			LN	Ms=4.7	10.0	0.61	
			LE		13.0	0.74	
BJI	23.6	306	eP	10 29 16.0	-1.0		
			PMZ	m _B =5.2	5.0	0.50	
			eS	10 33 30.0	6.8		
			SMN	m _B =5.5	7.0	0.66	
			SME		9.0	0.58	
GZH	25.5	264	eP	10 29 36.5	0.7		
			eS	10 34 00.0	3.7		
TIY	25.7	299	eP	10 29 38.8	1.6		
			PMZ	m _B =5.7	5.0	1.01	
			LE	Ms=4.2	10.0	0.23	
XAN	28.0	290	eP	10 29 56.0	-2.7		
BTO	28.2	304	P	10 30 01.0	0.5		
			eS	10 34 38.0	-2.2		
			LN	Ms=4.4	14.0	0.20	
			LE		14.0	0.40	
CD2	32.4	284	P	10 30 36.6	-1.4		
GTA	35.7	299	P	10 31 04.0	-2.0		

1985 11 12

O=11 06 42.8 ± 0.06s
 LAT=35.32 N ± 0.43km
 LONG=110.77 E ± 0.49km
 DEPTH= 8 km ± 0.30km
 STATIONS USED = 6, STAND DEV= 1.88s
 M_L=3.2/ 4,

XAN	2.0	231	ePn	11 07 15.8	-1.4		
			Sn	11 07 41.7	-2.4		
TIY	2.7	29	Pg	11 07 30.1	-1.2		
			Sg	11 08 07.0	-1.6		
			SMN	M _L =2.7	1.0	0.050	
			SME		0.7	0.020	

1985 11 12

O=12 10 20.3 ± 0.10s
 LAT=45.87 N ± 1.38km
 LONG= 85.37 E ± 1.22km
 DEPTH= 3 km ± 0.67km

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STATIONS USED = 19, STAND DEV = 2.68s
Ms = 4.3 / 2, ML = 4.6 / 2,

WMQ	2.6	140	Pn	12 11 06.0	2.0
			Sn	12 11 41.0	2.7
KSH	9.4	230	eP	12 12 34.0	-6.3
GTA	12.4	116	P	12 13 17.1	-4.3
			LG ₂	12 17 04.8	-5.7
			LN	Ms = 4.2	8.0 0.62
LZH	17.0	119	eP	12 14 20.0	-1.1
			LE		2.0 0.60
CD2	20.7	130	eP	12 15 02.8	-1.6
XAN	21.5	115	eP	12 15 10.8	-1.9
TIY	21.7	102	P	12 15 17.5	2.8
			eS	12 19 14.5	3.8
			LN	Ms = 4.3	10.0 0.24
			LE		12.0 0.41
GYA	25.8	131	P	12 15 55.4	1.1
			S	12 20 19.0	-2.0

1985 11 12

O = 15 43 55.4 ± 0.09s
 LAT = 1.94 N ± 1.10km
 LONG = 127.28 E ± 2.15km
 DEPTH = 117 km ± 0.38km

STATIONS USED = 59, STAND DEV = 1.26s

QZN	24.1	316	P	15 49 02.0	0.7
			eS	15 53 13.5	5.9
GZH	25.0	328	eP	15 49 10.5	0.5
WHN	31.0	338	eP	15 50 05.0	1.0
GYA	31.4	323	P	15 50 08.0	0.0
XAN	36.3	334	+P	15 50 49.4	0.0
CD2	36.4	325	eP	15 50 50.5	-0.2
TIY	38.1	341	P	15 51 05.9	0.8
BJI	39.2	346	eP	15 51 14.0	-0.2
LZH	40.3	330	eP	15 51 24.5	1.2
HHC	41.3	342	-P	15 51 32.0	1.0
BTO	41.5	340	eP	15 51 32.0	-1.3
MDJ	42.5	2	eP	15 51 41.5	0.1
LSA	44.0	312	+iP	15 51 54.4	0.5
GTA	44.9	330	-iP	15 52 01.4	0.8
WMQ	54.5	325	+iP	15 53 15.0	1.2
KSH	59.7	316	eP	15 53 52.0	1.7

1985 11 12

O = 18 47 12.9 ± 0.33s
 LAT = 28.22 N ± 2.48km
 LONG = 140.80 E ± 4.43km
 DEPTH = 37 km ± 0.84km
STATIONS USED = 18, STAND DEV = 2.82s
 Ms = 4.4 / 3, m_B = 5.1 / 2

SSE	17.3	284	P	18 51 12.0	-1.3
			SS	18 54 38.0	-5.8
NJ2	19.4	287	+P	18 51 38.0	-0.4
			PMZ	m _B = 5.1	5.0 0.50
			LN	Ms = 4.5	9.0 0.30
			LE		10.0 0.70
CN2	19.9	326	eP	18 51 39.0	-4.8
TIA	21.5	298	eP	18 52 01.1	0.0
WHN	23.2	282	eP	18 52 16.0	-1.2
			eS	18 56 24.0	1.8
			LN	Ms = 4.4	10.0 0.41
BJI	23.5	307	eP	18 52 20.0	-0.3
			eS	18 56 33.0	5.1
			SMN	m _B = 5.1	8.0 0.28
			SME		6.0 0.29
TIY	25.5	299	eP	18 52 44.5	4.2
			LE	Ms = 4.1	10.0 0.17
HHC	27.1	305	eP	18 52 53.4	-1.0
XAN	27.8	290	eP	18 53 00.4	-1.0
BTO	28.1	304	eP	18 53 00.0	-3.9
GYA	30.3	275	eP	18 53 28.6	4.9
CD2	32.2	284	eP	18 53 39.4	-1.2
GTA	35.6	299	P	18 54 07.8	-1.5

1985 11 12

O = 19 50 56.0 ± 0.06s
 LAT = 13.72 N ± 0.75km
 LONG = 120.95 E ± 1.49km
 DEPTH = 189 km ± 0.25km

STATIONS USED = 38, STAND DEV = 1.98s

QZH	11.4	349	eP	19 53 32.6	-1.7
GZH	11.8	323	eP	19 53 38.5	-0.9
WHN	17.8	341	eP	19 54 52.0	-1.3
NJ2	18.3	354	+P	19 55 00.0	1.1
GYA	18.4	316	P	19 55 01.0	1.0
XAN	23.0	334	P	19 55 45.1	-0.3
CD2	23.3	320	eP	19 55 48.2	-0.2
			S	19 59 45.0	1.9
LZH	27.1	328	-P	19 56 23.0	-0.4
GTA	31.6	328	+iP	19 57 04.6	0.5

1985 11 13

O = 07 34 29.9 ± 0.05s
 LAT = 5.60 S ± 0.57km
 LONG = 130.90 E ± 1.56km
 DEPTH = 50 km ± 0.46km
STATIONS USED = 25, STAND DEV = 0.91s

BJI	47.4	345	eP	07 43 01.0	-0.6
SNY	47.7	353	eP	07 43 03.3	-0.4
CN2	49.4	355	-P	07 43 16.5	-0.8

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MDJ	50.0	359	-P	07 43 21.5	-0.3
GTA	53.2	330	+P	07 43 46.0	0.0
WMQ	62.7	326	P	07 44 53.6	0.8

1985 11 13

O=10 29 32.3 ± 0.10s
 LAT=28.10 N ± 1.81km
 LONG=140.56 E ± 2.06km
 DEPTH= 51 km ± 1.89km
 STATIONS USED = 14, STAND DEV= 1.99s

Ms=4.3/ 2,

NJ2	19.2	287	+P	10 33 55.0	0.2°
SNY	19.5	319	+P	10 33 58.0	0.0
			LE	Ms=4.2	12.0 0.42
WHN	23.0	282	eP	10 34 36.5	3.0
			S	10 38 40.0	5.0
			LN	Ms=4.4	10.0 0.41
BJI	23.4	307	eP	10 34 36.5	-0.9
TIY	25.4	299	eP	10 34 58.0	0.8
XAN	27.7	290	eP	10 35 17.7	-0.3
BTO	28.0	304	P	10 35 18.5	-2.4
			eS	10 40 05.5	5.8
CD2	32.1	284	P	10 35 58.4	1.4
WMQ	44.8	305	eP	10 37 45.1	1.4

1985 11 13

O=11 03 36.8 ± 0.12s
 LAT=36.55 N ± 1.27km
 LONG= 82.18 E ± 0.46km
 DEPTH= 16 km ± 0.05km
 STATIONS USED = 7, STAND DEV= 1.97s

M_L=4.0/ 3,

KSH	5.7	302	ePn	11 05 01.6	0.3
			eSg	11 06 39.0	4.0
WMQ	8.4	28	P	11 05 40.6	-0.5
			S	11 07 23.6	7.4
			SMN	M _L =4.2	1.5 0.050
GTA	14.2	73	eP	11 07 00.0	0.0

1985 11 13

O=12 59 37.2 ± 0.13s
 LAT=52.01 N ± 2.57km
 LONG=178.15 E ± 1.09km
 DEPTH=131 km ± 0.51km
 STATIONS USED = 62, STAND DEV= 1.31s

m_B=5.3/ 1

CN2	35.6	278	-P	13 06 23.0	-1.1
			pP	13 06 54.0	1.3
			eS	13 11 45.0	-4.8
SNY	37.8	277	eP	13 06 42.6	-0.2

			PcP	13 08 55.0	-1.7
			S	13 12 24.0	1.0
BJI	43.4	279	eP	13 07 30.0	1.3
			eS	13 13 49.0	2.4
			SMN	m _B =5.3	6.0 0.28

TIA	45.2	274	eP	13 07 43.6	0.3
SSE	46.1	266	eP	13 07 49.5	-1.0
			PMZ		1.0 0.010

			S	13 14 22.0	-2.8
			sS	13 15 16.0	-1.5

BTO	46.8	284	P	13 07 57.5	1.8
			eS	13 14 39.0	3.7

NJ2	46.9	269	-P	13 07 57.8	1.2
TIY	47.1	279	eP	13 07 56.8	-1.6

XAN	51.7	278	eP	13 08 32.5	-0.8
LZH	53.4	284	eP	13 08 46.5	0.4

GTA	53.6	289	-iP	13 08 47.3	-0.1
CD2	57.0	279	eP	13 09 11.6	-0.4

WMQ	57.4	301	P	13 09 15.0	0.1
GYA	58.4	273	P	13 09 21.0	-0.7

KMI	61.8	275	eP	13 09 45.0	0.0
LSA	65.4	287	eP	13 10 09.1	-0.2

1985 11 13

O=16 15 02.0 ± 0.22s
 LAT=22.03 N ± 2.21km
 LONG=102.80 E ± 1.45km
 DEPTH= 15 km ± 0.01km
 STATIONS USED = 15, STAND DEV= 3.05s
 Ms=4.0/ 4, M_L=4.3/ 5,

KMI	3.1	359	ePn	16 15 49.5	-1.3
			Pg	16 16 01.0	4.6

			Sn	16 16 30.0	0.9
			Sg	16 16 41.5	3.0

			SMN	M _L =4.1	1.5 0.46
			SME		2.0 0.84

			LN	Ms=3.7	8.0 1.30
			LE		8.0 1.40

GYA	5.6	38	Pn	16 16 27.0	1.0
			Pg	16 16 50.0	8.3

			Sn	16 17 29.0	-3.6
			Sg	16 18 03.6	4.7

			SMN	M _L =4.3	1.2 0.24
			SME		1.2 0.25

			LE	Ms=3.8	6.0 0.70
QZN	7.2	113	ePn	16 16 49.5	1.7

CD2	8.9	5	eP	16 17 10.6	-2.6
			S	16 18 56.0	2.3
			LE	Ms=4.1	10.0 1.10
GZH	9.8	82	eP	16 17 26.0	0.3

GYA	127.1	77	PKP	02 30 53.6	2.7
BTO	132.5	60	ePKP	02 31 02.0	0.6
			ePP	02 33 20.5	-6.8
BJI	137.2	61	ePKP	02 31 11.0	1.1
CN2	143.8	54	ePKP	02 31 19.0	-2.6
MDJ	146.5	52	ePKP	02 31 28.0	1.7

1985 11 14

O=07 01 37.4 ± 0.07s
 LAT=41.46 N ± 1.65km
 LONG=142.17 E ± 1.15km
 DEPTH= 74 km ± 0.67km
 STATIONS USED = 45, STAND DEV = 2.05s

Ms=3.9/ 5,

MDJ	9.7	293	eP	07 03 57.3	0.3
			eS	07 05 52.0	6.5
			LZ	Ms=3.8	30.0 1.50
CN2	12.5	286	eP	07 04 36.0	1.3
			eS	07 06 56.0	2.9
			LZ	Ms=4.1	16.0 1.00
SNY	13.9	278	P	07 04 54.6	2.0
DL2	15.9	268	eP	07 05 21.0	2.7
BJI	19.7	274	eP	07 06 02.0	-1.8
			S	07 09 35.0	-1.6
TIA	20.2	263	eP	07 06 06.8	-1.8
NJ2	20.9	251	+P	07 06 15.5	-0.1
			LZ	Ms=3.9	18.0 0.30
HHC	23.0	279	eP	07 06 35.0	-1.9
TIY	23.2	271	P	07 06 38.5	0.0
BTO	24.2	279	eP	07 06 47.6	-0.9
WHN	24.9	253	+iP	07 06 57.2	2.0
XAN	27.2	265	eP	07 07 14.8	-1.7
GTA	32.1	281	eP	07 07 59.0	-1.0
			LZ	Ms=4.3	24.0 0.53
CD2	32.5	264	eP	07 08 02.0	-1.7
GYA	32.8	254	eP	07 08 07.2	1.1
WMQ	39.5	292	eP	07 09 04.6	1.4

1985 11 14

O=13 24 50.9 ± 0.20s
 LAT=28.36 N ± 2.37km
 LONG=141.04 E ± 3.43km
 DEPTH= 44 km ± 1.02km
 STATIONS USED = 30, STAND DEV = 2.59s

Ms=4.4/ 8, m_B=5.3/ 9

SSE	17.5	284	P	13 28 54.0	1.0
			LN	Ms=4.3	12.0 0.60
MDJ	18.6	334	eP	13 29 02.0	-5.2
DL2	19.2	308	P	13 29 15.0	0.4
NJ2	19.5	286	+P	13 29 18.5	0.9

			PMZ	m _B =5.5	5.0 1.30
			LE	Ms=4.3	9.0 0.40
SNY	19.6	318	+P	13 29 20.5	2.5
			pP	13 29 26.0	-1.7
			LE	Ms=4.4	13.0 0.71
CN2	19.9	325	-P	13 29 20.0	-1.2
			pP	13 29 30.0	-1.1
			LE	Ms=4.5	11.0 0.80
QZH	20.4	266	+P	13 29 28.0	1.6
			eS	13 33 14.0	6.8
TIA	21.6	297	eP	13 29 36.6	-3.1
			PMZ	m _B =5.3	5.0 0.81
			eS	13 33 39.8	8.2
			LN	Ms=4.5	13.0 0.35
			LE		13.0 0.68
WHN	23.3	282	eP	13 29 56.0	-0.2
			PMZ	m _B =5.6	4.0 1.17
			pP	13 30 03.0	-3.9
			PP	13 30 30.0	2.5
			SMN	m _B =5.2	8.0 0.57
			LN	Ms=4.6	10.0 0.61
			LE		12.0 0.54
BJI	23.6	306	eP	13 30 00.0	1.6
			PMZ	m _B =5.2	5.0 0.54
			SMN	m _B =5.4	6.0 0.56
			SME		9.0 0.46
TIY	25.7	299	eP	13 30 18.0	-0.7
			PMZ	m _B =5.8	5.0 1.26
			LE	Ms=4.2	10.0 0.23
HHC	27.1	305	eP	13 30 34.0	1.6
XAN	28.0	290	eP	13 30 36.8	-3.3
CD2	32.4	284	eP	13 31 15.0	-4.3
GTA	35.7	299	P	13 31 42.2	-5.3
WMQ	45.0	305	P	13 33 06.0	1.4

1985 11 14

O=17 15 44.0 ± 0.09s
 LAT=28.95 N ± 1.41km
 LONG=130.35 E ± 1.51km
 DEPTH= 67 km ± 1.64km
 STATIONS USED = 19, STAND DEV = 1.98s

SSE	8.2	287	eP	17 17 41.0	-2.2
TIA	13.3	306	eP	17 18 51.6	0.0
SNY	14.0	339	eP	17 19 03.6	3.1
WHN	14.0	280	eP	17 19 01.5	0.8
CN2	15.3	346	eP	17 19 18.6	0.5
MDJ	15.7	358	eP	17 19 26.5	4.4
BJI	16.1	317	eP	17 19 27.0	-0.4
TIY	17.3	305	P	17 19 43.2	0.1
XAN	19.0	291	eP	17 20 00.8	-2.0

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HHC	19.4	313	P	17 20 08.6	0.8
BTO	20.3	310	eP	17 20 14.5	-2.7
GYA	21.1	269	P	17 20 26.8	1.2
CD2	23.1	281	eP	17 20 45.8	0.5
GTA	27.2	301	P	17 21 24.0	-0.2

1985 11 14

O=18 56 33.5 ± 0.06s

LAT=22.14 N ± 1.33km

LONG=142.89 E ± 1.52km

DEPTH=236 km ± 0.38km

STATIONS USED = 22, STAND DEV = 1.19s

SSE	21.3	299	eP	19 01 02.5	-0.4
SNY	25.5	325	P	19 01 44.0	2.0
TIA	26.4	308	eP	19 01 50.6	-0.1
GYA	33.2	285	P	19 02 51.4	0.6
CD2	35.9	292	eP	19 03 13.4	-0.3
GTA	40.4	305	+P	19 03 51.0	0.2
LSA	46.8	290	eP	19 04 42.8	0.4
WMQ	50.1	309	eP	19 05 08.8	1.7

1985 11 14

O=22 17 44.7 ± 0.14s

LAT=55.05 N ± 3.99km

LONG=159.97 W ± 2.36km

DEPTH= 32 km ± 0.36km

STATIONS USED =141, STAND DEV = 2.38s

Ms=6.1/27, m_B=5.8/12

MDJ	44.8	287	-iP	22 25 58.0	0.5
			pP	22 26 07.5	0.9
			PcP	22 27 39.0	-0.1
			eS	22 32 34.0	1.9
			sS	22 32 50.0	2.8
			SS	22 35 52.0	7.4
			LZ	Ms=6.1	20.0 15.7
CN2	47.6	289	+iP	22 26 19.0	-0.6
			PMZ	m _B =6.3	6.0 2.30
			pP	22 26 28.4	-0.3
			PP	22 28 10.0	0.2
			eS	22 33 12.0	0.0
			SS	22 36 33.0	-0.2
			LZ	Ms=6.1	19.0 13.2
SNY	49.9	288	+iP	22 26 38.0	0.3
			PMZ		3.0 0.55
			pP	22 26 47.5	0.6
			sP	22 26 50.7	0.0
			PcP	22 27 56.0	-1.4
			S	22 33 49.0	5.3
			SME	m _B =6.0	7.5 1.57
			sS	22 34 05.0	4.9

			LN	Ms=6.0	21.0 3.54
			LE		22.0 9.72
DL2	53.0	287	eP	22 27 00.0	-1.1
			pP	22 27 09.0	-1.3
			sP	22 27 12.0	-2.2
			S	22 34 28.0	1.7
			LN	Ms=6.1	17.0 3.75
			LE		17.0 7.60
BJI	55.2	292	eP	22 27 16.0	-0.9
			pP	22 27 26.0	-0.3
			eS	22 35 01.0	4.5
			SME	m _B =5.7	10.0 0.96
			LN	Ms=6.0	15.5 3.76
			LE		13.0 4.46
HHC	57.0	295	-P	22 27 30.2	-0.2
			pP	22 27 40.0	0.4
			SME	m _B =5.8	8.0 1.11
			LN	Ms=6.1	13.0 2.05
			LE		14.0 6.68
TIA	57.4	288	+P	22 27 32.2	-1.0
			pP	22 27 41.8	-0.7
			sP	22 27 48.5	2.2
			SMN	m _B =5.6	5.0 0.26
			SME		9.0 0.60
			LN	Ms=5.8	19.0 3.22
			LE		19.0 3.84
BTO	58.0	296	+P	22 27 37.0	-0.3
			pP	22 27 47.0	0.5
			sP	22 27 50.0	-0.3
			PP	22 29 46.0	-0.7
			S	22 35 35.0	2.1
			sS	22 35 53.5	4.0
			LN	Ms=6.3	14.0 6.00
			LE		14.0 8.30
TIY	58.8	292	+iP	22 27 43.0	-0.3
			pP	22 27 52.5	0.0
			PP	22 29 56.5	2.1
			S	22 35 50.0	5.9
			SME	m _B =5.8	9.0 1.12
			LN	Ms=6.1	12.0 2.31
			LE		16.0 6.40
SSE	58.9	281	-P	22 27 43.0	-0.9
			PMZ		1.0 0.060
			cpP	22 27 52.2	-1.0
			sP	22 27 57.5	0.5
			PP	22 29 52.0	-3.3
			eS	22 35 46.0	-0.6
			sS	22 36 00.0	-2.0
			PS	22 36 08.0	
			eSS	22 39 33.3	-7.7

1985 11 15
O = 10 37 41.5 ± 0.07s
LAT = 4.02 N ± 1.15km
LONG = 95.89 E ± 1.38km
DEPTH = 82 km ± 0.20km
STATIONS USED = 37, STAND DEV = 1.12s

QZN	20.2	41	eP	10 42 13.0	0.7
KMI	22.0	17	eP	10 42 31.0	0.5
GYA	24.6	24	P	10 42 52.0	-3.5
LSA	25.9	351	eP	10 43 07.6	-1.0
CD2	27.8	15	eP	10 43 24.0	-0.9
WHN	31.6	31	eP	10 44 00.5	1.4
XAN	32.2	21	-P	10 44 03.1	-1.5
NJ2	35.2	35	+P	10 44 31.7	1.4
GTA	35.4	5	P	10 44 31.0	-0.9
BTO	38.6	17	eP	10 44 58.8	0.3
HHC	39.3	19	P	10 45 06.0	1.7
BJI	40.3	24	eP	10 45 14.0	1.6
SNY	45.1	29	-iP	10 45 51.4	0.1
CN2	47.4	29	+P	10 46 09.7	-0.5
MDJ	50.1	31	eP	10 46 30.5	-0.2

1985 11 15
O = 11 30 27.8 ± 0.14s
LAT = 27.97 N ± 1.45km
LONG = 140.82 E ± 2.22km
DEPTH = 32 km ± 0.19km
STATIONS USED = 22, STAND DEV = 1.40s

NJ2	19.4	287	+P	11 34 56.2	1.5
TIA	21.7	298	eP	11 35 18.2	0.4
WHN	23.2	283	eP	11 35 34.5	1.2
BJI	23.6	307	eP	11 35 36.0	-1.3
TIY	25.7	299	P	11 35 58.0	1.0
HHC	27.2	306	-P	11 36 10.8	-0.4
XAN	27.9	290	eP	11 36 15.6	-2.1
BTO	28.2	305	eP	11 36 19.2	-1.4
GYA	30.4	275	P	11 36 39.0	-0.4
CD2	32.3	284	eP	11 36 56.4	-0.2
GTA	35.7	299	P	11 37 25.0	-0.8
WMQ	45.1	305	P	11 38 42.6	-0.7

1985 11 15
O = 11 44 20.4 ± 0.22s
LAT = 28.34 N ± 2.38km
LONG = 140.84 E ± 4.06km
DEPTH = 20 km ± 0.93km
STATIONS USED = 33, STAND DEV = 2.15s
M_s = 4.4 / 8, m_B = 5.4 / 13

SSE	17.3	284	eP	11 48 22.0	-0.6
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				PMZ	m _B = 5.1	6.0	0.54
				eS	11 51 30.0	-3.0	
				sS	11 51 45.0	2.5	
				SS	11 51 51.0	-2.7	
				LN	M _s = 4.2	10.0	0.45
MDJ	18.6	334	eP	11 48 38.0	-0.3		
DL2	19.1	308	+P	11 48 45.0	-0.1		
				PMZ	m _B = 5.4	5.0	0.94
				S	11 52 12.0	-1.7	
NJ2	19.4	286	+P	11 48 49.0	1.3		
				PMZ	m _B = 5.6	6.0	1.90
				S	11 52 26.0	7.0	
				sS	11 52 36.0	6.8	
				LN	M _s = 4.5	11.0	0.60
				LE		9.0	0.40
SNY	19.5	318	+iP	11 48 48.0	-0.9		
				S	11 52 26.5	5.2	
				LE	M _s = 4.3	12.0	0.49
CN2	19.8	325	-P	11 48 48.0	-4.4		
				PMZ	m _B = 5.3	4.5	0.60
				LE	M _s = 4.6	10.0	0.80
QZH	20.2	265	+P	11 48 58.0	1.3		
TIA	21.5	297	eP	11 49 09.4	-1.0		
				PMZ	m _B = 5.5	5.0	1.08
				eS	11 53 07.5	4.4	
				SME	m _B = 5.1	8.0	0.60
				LN	M _s = 4.3	10.0	0.37
WHN	23.2	282	eP	11 49 29.0	2.1		
				PMZ	m _B = 5.9	5.0	2.30
				S	11 53 34.0	1.3	
				SMN	m _B = 5.6	6.0	1.24
				LN	M _s = 4.7	10.0	0.61
				LE		12.0	0.65
BJI	23.4	306	eP	11 49 28.0	-1.4		
				PMZ	m _B = 5.3	6.0	0.75
				SMN	m _B = 5.3	7.0	0.61
				SME		9.0	0.58
TIY	25.5	299	eP	11 49 48.0	-1.6		
				PMZ	m _B = 5.9	5.0	1.64
				S	11 54 16.0	3.3	
				LE	M _s = 4.4	11.0	0.37
HHC	27.0	305	eP	11 50 02.6	-1.0		
XAN	27.8	290	eP	11 50 08.0	-2.9		
BTO	28.1	304	eP	11 50 09.8	-3.3		
GTA	35.5	299	eP	11 51 15.0	-3.7		
				PP	11 52 29.2	-8.9	
				eS	11 56 47.0	-5.8	
				LN	M _s = 4.6	8.0	0.24
LSA	43.2	284	P	11 52 25.5	2.7		
				S	11 58 56.0	9.1	

	SME		$m_B = 5.2$	7.0	0.29	GTA	35.8	299	+P	14 45 45.4	-0.4
WMQ	44.9	305	P	11 52 35.0	-1.0	WMQ	45.1	305	+P	14 47 02.8	-0.3
KSH	53.9	300	eP	11 53 48.0	2.4						
1985 11 15											
O = 11 56 17.4 ± 0.06s											
LAT = 44.21 N ± 1.91km											
LONG = 148.42 E ± 1.28km											
DEPTH = 38 km ± 0.63km											
STATIONS USED = 73, STAND DEV = 1.30s											
MDJ	13.5	278	eP	11 59 28.5	-0.1						
CN2	16.5	277	-P	12 00 07.0	-1.2						
SNY	18.3	271	eP	12 00 31.0	0.7						
BJI	24.2	271	eP	12 01 31.5	-0.2						
TIA	25.1	262	-P	12 01 40.6	0.2						
SSE	25.1	248	+P	12 01 41.5	1.1						
			pP	12 01 51.5	1.4						
			sP	12 01 53.7	-0.8						
NJ2	26.1	252	-P	12 01 50.0	0.2						
			PMZ								
					0.8	0.060					
HHC	27.2	276	eP	12 02 00.8	0.5						
TIY	27.8	269	eP	12 02 05.5	0.1						
WHN	30.1	255	+iP	12 02 25.4	-0.4						
XAN	32.0	265	eP	12 02 41.8	-1.2						
LZH	34.7	272	eP	12 03 05.5	-0.6						
GTA	36.1	280	P	12 03 18.9	0.5						
			PcP	12 05 45.0	1.8						
CD2	37.4	265	eP	12 03 28.8	0.1						
GYA	37.9	256	P	12 03 32.8	-0.7						
KMI	41.5	258	eP	12 04 03.0	-0.4						
WMQ	42.8	292	P	12 04 13.5	-0.2						
KSH	52.6	292	eP	12 05 30.0	-0.2						
1985 11 15											
O = 14 38 47.7 ± 0.13s											
LAT = 28.12 N ± 2.66km											
LONG = 140.98 E ± 2.32km											
DEPTH = 35 km ± 0.36km											
STATIONS USED = 24, STAND DEV = 1.61s											
NJ2	19.5	287	+P	14 43 16.1	0.8						
TIA	21.7	298	eP	14 43 37.2	-0.7						
WHN	23.3	282	eP	14 43 55.0	1.1						
			eS	14 48 08.0	7.5						
BJI	23.7	307	eP	14 43 56.0	-1.1						
TIY	25.7	299	eP	14 44 16.0	-1.0						
HHC	27.2	305	P	14 44 30.2	-0.8						
XAN	28.0	290	eP	14 44 36.7	-1.3						
BTO	28.3	304	eP	14 44 39.0	-1.5						
GYA	30.5	275	P	14 45 00.2	0.1						
CD2	32.4	284	eP	14 45 16.0	-1.1						
1985 11 15											
O = 15 58 21.7 ± 0.22s											
LAT = 54.63 N ± 1.44km											
LONG = 159.58 W ± 1.81km											
DEPTH = 35 km ± 2.18km											
STATIONS USED = 15, STAND DEV = 1.06s											
CN2	47.9	290	eP	16 06 58.0	-1.2						
SNY	50.3	289	eP	16 07 16.8	-0.4						
GTA	64.4	302	P	16 08 57.2	-0.5						
WMQ	66.5	313	eP	16 09 11.0	0.1						
CD2	69.0	294	eP	16 09 27.4	0.7						
1985 11 15											
O = 17 22 10.2 ± 0.14s											
LAT = 27.46 N ± 2.30km											
LONG = 66.45 E ± 2.17km											
DEPTH = 4 km ± 0.32km											
STATIONS USED = 27, STAND DEV = 2.68s											
$M_s = 4.4 / 1,$											
KSH	14.4	31	eP	17 25 37.0	0.3						
			eS	17 28 15.0	-2.6						
			LG ₂	17 29 54.0	-9.9						
			LN						$M_s = 4.4$	12.0	1.16
WMQ	23.7	41	P	17 27 27.0	3.1						
GTA	30.1	58	P	17 28 25.8	2.1						
CD2	32.7	75	eP	17 28 46.9	1.0						
GYA	35.8	82	P	17 29 15.8	3.1						
XAN	36.9	69	eP	17 29 20.4	-1.8						
WHN	41.8	74	eP	17 30 04.5	1.9						
1985 11 15											
O = 18 42 45.5 ± 0.11s											
LAT = 47.29 N ± 2.62km											
LONG = 153.41 E ± 1.98km											
DEPTH = 36 km ± 0.33km											
STATIONS USED = 17, STAND DEV = 2.08s											
MDJ	16.8	270	eP	18 46 41.0	1.7						
CN2	19.8	270	eP	18 47 14.4	-2.0						
GTA	39.1	279	P	18 50 13.0	1.5						
CD2	41.1	265	eP	18 50 28.4	0.1						
GYA	42.0	257	P	18 50 36.0	0.2						
1985 11 15											
O = 20 15 26.5 ± 0.12s											
LAT = 2.19 S ± 1.83km											
LONG = 119.57 E ± 2.38km											
DEPTH = 53 km ± 0.40km											

STATIONS USED = 64, STAND DEV = 2.06s

GZH	25.8	347	P	20 20 56.5	1.4
GYA	31.1	337	P	20 21 43.8	1.3
KMI	31.7	330	eP	20 21 47.5	-0.2
WHN	32.9	352	eP	20 21 58.5	0.1
NJ2	34.1	359	eP	20 22 09.0	0.8
			eS	20 27 34.0	5.3
XAN	37.4	345	eP	20 22 35.8	-0.8
TIY	40.3	351	eP	20 23 01.6	1.3
LZH	40.8	340	eP	20 23 07.0	2.0
LSA	41.8	322	eP	20 23 13.4	0.3
BJI	42.1	356	eP	20 23 15.0	-0.7
HHC	43.5	351	eP	20 23 25.4	-1.2
BTO	43.5	349	eP	20 23 25.0	-1.7
GTA	45.2	338	P	20 23 40.6	-0.1
MDJ	47.5	10	eP	20 23 55.0	-3.3
WMQ	54.0	332	eP	20 24 47.4	-0.6
KSH	57.6	321	eP	20 25 16.0	2.2

1985 11 15
O = 22 25 22.1 ± 0.11s
LAT = 23.99 N ± 1.36km
LONG = 121.60 E ± 1.47km
DEPTH = 13 km ± 0.58km
STATIONS USED = 43, STAND DEV = 1.87s

Ms = 4.3 / 9, ML = 4.2 / 5,

QZH	2.9	290	Pn	22 26 08.8	0.5
			Pg	22 26 17.3	4.0
			Sn	22 26 44.6	-0.3
			Sg	22 26 56.8	3.9
			SMN	ML = 4.3	1.0 1.50
			SME		1.0 1.12
			LE		7.0 1.11
SSE	7.1	357	eP	22 27 07.5	-0.7
			LG ₂	22 29 13.6	-2.2
			LE	Ms = 3.7	12.0 0.78
GZH	7.6	265	eP	22 27 15.0	-0.8
			S	22 28 36.0	-6.7
			LN	Ms = 4.2	8.0 0.95
			LE		8.0 0.82
NJ2	8.4	344	+P	22 27 25.0	-1.4
			S	22 29 00.3	-1.3
			LE	Ms = 4.0	8.0 0.81
WHN	9.2	317	eP	22 27 36.0	-1.3
			eS	22 29 17.0	-4.3
			iLG ₂	22 30 23.0	-1.6
			LN	Ms = 4.3	6.0 0.67
			LE		8.0 1.04
GYA	13.7	283	P	22 28 40.0	0.6
			S	22 31 11.2	-1.1

			LE	Ms = 4.4	7.0 0.70
XAN	14.9	315	eP	22 28 55.6	0.7
			LG ₁	22 33 16.0	5.1
			LG ₂	22 33 36.0	1.5
			LN	Ms = 4.3	8.0 0.40
			LE		9.0 0.40
TIY	15.8	332	eP	22 29 08.2	2.4
			LN	Ms = 4.3	8.0 0.46
			LE		9.0 0.28
CD2	17.3	297	eP	22 29 22.6	-2.1
			eS	22 32 34.5	-0.8
SNY	17.9	5	eP	22 29 34.8	2.6
LZH	19.5	312	eP	22 29 52.5	0.4
CN2	20.0	8	eP	22 29 57.4	-0.3
LSA	27.7	289	eP	22 31 13.7	0.8

1985 11 16
O = 00 23 51.0 ± 0.10s
LAT = 51.72 N ± 2.26km
LONG = 177.25 E ± 1.18km
DEPTH = 42 km ± 0.18km

STATIONS USED = 124, STAND DEV = 1.37s
Ms = 4.9 / 12, m_B = 5.7 / 3

MDJ	32.1	276	+iP	00 30 16.4	-0.4
			PP	00 31 25.0	1.7
			eS	00 35 29.0	4.1
			LZ	Ms = 5.0	20.0 1.80
CN2	35.1	278	+iP	00 30 41.0	-1.5
			PMZ		3.0 0.30
			pP	00 30 56.0	2.8
			PP	00 32 00.0	-1.0
			eS	00 36 07.0	-4.1
			sS	00 36 32.0	2.7
			eSS	00 38 23.0	-4.4
			SSS	00 38 53.0	
			LZ	Ms = 5.0	20.0 1.80
SNY	37.3	276	+iP	00 31 01.8	0.6
			pP	00 31 13.6	1.6
			PP	00 32 31.0	2.3
			eS	00 36 46.0	0.6
			LE	Ms = 4.8	26.0 1.14
DL2	40.2	274	P	00 31 26.0	0.5
BJI	42.9	279	eP	00 31 48.0	0.4
			PMZ	m _B = 5.7	5.0 0.65
			eS	00 38 11.0	1.9
			LN	Ms = 4.9	16.0 0.51
			LE		14.0 0.47
TIA	44.7	274	+P	00 32 02.5	0.4
HHC	45.2	283	+P	00 32 08.0	1.4
SSE	45.6	266	+iP	00 32 09.0	0.0

			PMZ		1.0	0.23			S	01 42 08.0	6.2		
			sP	00 32 23.4	-1.2				LE	Ms=4.2	10.0	0.40	
			eS	00 38 44.0	-3.6			SNY	19.5 319	eP	01 38 30.4	-3.8	
			sS	00 39 02.0	-4.1			TIA	21.5 298	+P	01 38 59.8	5.0	
BTO	46.3	284	+iP	00 32 16.5	1.3			WHN	23.1 282	eP	01 39 12.5	1.8	
			PMZ			2.0	1.31			PMZ	m _B =5.8	5.0	1.96
			PP	00 34 05.0	1.7					SMN	m _B =5.4	7.0	0.76
			eS	00 39 02.0	3.4					LN	Ms=4.6	10.0	0.61
			LN	Ms=5.0		15.0	0.50			LE		11.0	0.47
			LE			15.0	0.60	TIY	25.5 299	eP	01 39 34.6	0.6	
NJ2	46.3	268	+P	00 32 15.6	0.3					PMZ	m _B =5.6	5.0	0.76
			S	00 38 56.5	-1.4					LE	Ms=4.2	10.0	0.23
			LE	Ms=4.9		17.0	0.70	CD2	32.2 284	eP	01 40 29.6	-4.5	
TIY	46.6	279	+iP	00 32 19.0	1.4			1985 11 16					
			PP	00 34 11.0	4.5			O=04 12 18.7 ± 0.19s					
			S	00 39 09.0	7.2			LAT=38.46 S ± 4.10km					
			LN	Ms=4.8		12.0	0.29	LONG= 78.46 E ± 4.11km					
			LE			12.0	0.27	DEPTH= 9 km ± 0.12km					
WHN	50.2	271	+iP	00 32 45.4	0.3			STATIONS USED = 120, STAND DEV = 2.49s					
XAN	51.2	278	+iP	00 32 52.0	-0.8			Ms=6.3 / 31, m _B =6.1 / 10					
			LN	Ms=5.0		13.0	0.57	QZN	64.3 33	eP	04 23 00.0	2.5	
QZH	51.5	262	eP	00 32 55.9	0.6					ePP	04 25 27.0	7.1	
LZH	52.9	283	+iP	00 33 06.5	0.6					S	04 31 36.5	3.4	
			PMZ			1.5	0.33			SMN		16.0	3.90
GTA	53.1	289	+iP	00 33 08.4	0.8					SME		16.0	4.10
			eS	00 40 33.0	-0.8					LN	Ms=6.6	29.0	22.5
			LN	Ms=5.1		15.0	0.83			LE		25.0	22.4
GZH	56.1	265	+P	00 33 30.0	0.7			KMI	67.2 24	eP	04 23 16.0	-0.3	
CD2	56.5	279	+P	00 33 32.0	0.1					pP	04 23 20.5	-1.0	
WMQ	57.1	300	+iP	00 33 35.6	-0.5					PP	04 25 49.0	4.1	
			eS	00 41 28.0	1.7					eS	04 32 08.0	-2.2	
			LZ	Ms=5.6		20.0	2.94			sS	04 32 16.0	-2.9	
GYA	57.8	273	+P	00 33 41.3	-0.2					LE	Ms=6.3	18.0	10.5
			PMZ			1.4	0.20	LSA	68.8 12	P	04 23 26.1	-0.5	
			S	00 41 37.0	2.0					PcP	04 23 50.5	0.6	
KMI	61.2	275	+iP	00 34 04.5	-0.6					PcS	04 27 54.0	0.5	
KSH	66.3	304	+iP	00 34 39.3	0.9					S	04 32 22.5	-5.3	
			ePP	00 37 05.3	-0.4					LN	Ms=6.2	17.0	4.60
1985 11 16										LE		20.0	5.97
O=01 34 06.5 ± 0.14s								GZH	69.4 34	+P	04 23 30.0	0.3	
LAT=28.16 N ± 2.14km										S	04 32 40.0	5.3	
LONG=140.72 E ± 2.30km										SME	m _B =6.3	11.0	3.00
DEPTH= 32 km ± 0.34km										LN	Ms=6.1	14.0	4.06
STATIONS USED = 15, STAND DEV = 2.64s										LE		11.0	1.88
Ms=4.2 / 5, m _B =5.4 / 5								GYA	69.8 27	P	04 23 32.0	-0.1	
SSE	17.2	285	eP	01 38 07.0	0.5					PP	04 26 13.0	5.9	
			LN	Ms=4.0		11.0	0.34			iS	04 32 49.0	8.5	
NJ2	19.3	287	+P	01 38 31.0	-0.8					SS	04 37 17.0	8.4	
			PMZ	m _B =5.1		7.0	0.70			LE	Ms=6.4	20.0	13.3

CD2	72.9	23	eP	04 23 50.0	-1.0				S	04 35 02.0	8.8					
			eS	04 33 10.0	-7.0				SME	$m_B=6.0$		10.0	1.27			
			LE	$M_s=6.1$		16.0	4.99		LN	$M_s=6.4$		25.0	9.57			
QZH	73.4	38	eP	04 23 54.0	0.2				LE			18.0	7.51			
			sP	04 24 04.5	2.6			WMQ	82.3	7	eP	04 24 41.5	-1.6			
			PP	04 26 42.0	3.4						PP	04 27 57.5	4.9			
			S	04 33 22.5	1.5						ScS	04 35 04.0	-6.4			
			sS	04 33 37.0	5.6						LZ	$M_s=6.5$	25.0	17.7		
			LN	$M_s=6.3$		19.0	6.65	TIA	82.4	31	eP	04 24 42.1	-1.5			
			LE			19.0	6.90				eS	04 35 00.0	0.6			
WHN	76.4	31	eP	04 24 11.3	0.5						SMN	$m_B=6.3$	9.0	0.50		
			iPcP	04 24 20.0	-2.0						SME		12.0	2.74		
			S	04 33 58.0	4.3						LN	$M_s=5.3$	13.0	0.56		
			SMN			14.0	2.33	BTO	83.8	24	P	04 24 50.0	-0.7			
			SME			13.0	3.24				ePP	04 28 00.0	-4.5			
			LN	$M_s=6.0$		17.0	4.50				S	04 35 05.0	-6.3			
			LE			20.0	0.62				SKS	04 35 08.0	-0.6			
XAN	77.5	26	eP	04 24 15.6	-1.4						ScS	04 35 20.0	-2.5			
			S	04 34 09.5	3.9						LN	$M_s=6.0$	17.0	2.00		
			PS	04 35 04.0							LE		15.0	2.60		
			LN	$M_s=6.4$		16.0	3.94	HHC	84.5	25	P	04 24 54.0	-0.4			
			LE			19.0	9.40				S	04 35 20.0	1.5			
KSH	77.6	358	-iP	04 24 21.0	3.4						LN	$M_s=6.4$	20.0	2.49		
			iS	04 34 12.0	3.5						LE		20.0	10.6		
			LN	$M_s=6.7$		19.0	20.8	BJI	85.4	28	eP	04 24 57.0	-1.6			
LZH	77.8	21	eP	04 24 18.5	-0.4						eS	04 35 29.0	0.1			
			PMZ			2.0	0.31				SMN	$m_B=6.1$	12.0	1.37		
			PP	04 27 14.0	-1.3						SME		13.0	1.70		
			eS	04 34 08.0	-3.0						PS	04 36 26.0				
			SMN	$m_B=6.2$		12.0	2.57				SS	04 41 07.0	1.6			
			LN	$M_s=6.5$		30.0	23.1				LN	$M_s=6.1$	13.0	2.15		
NJ2	79.6	34	+P	04 24 28.5	-0.1						LE		13.0	2.02		
			S	04 34 34.0	5.8			DL2	86.6	32	eP	04 25 02.5	-2.0			
			SKS	04 34 41.0	1.8						eSKS	04 35 20.0	-7.3			
			LE	$M_s=6.3$		24.0	11.5				LN	$M_s=6.5$	25.0	7.14		
SSE	79.8	36	eP	04 24 28.0	-1.9						LE		22.0	13.1		
			sP	04 24 39.0	1.1						SNY	89.9	32	eP	04 25 16.0	-4.1
			S	04 34 31.0	0.3						PMZ	$m_B=5.7$	11.0	0.62		
			SMN	$m_B=5.8$		9.0	0.75				LN	$M_s=6.6$	33.0	8.09		
			sS	04 34 42.0	0.6						LE		34.0	22.8		
			PS	04 35 17.0							CN2	92.3	32	+P	04 25 29.5	-1.7
			LN	$M_s=6.4$		21.0	4.87				PMZ	$m_B=6.1$	4.0	0.40		
			LE			22.0	11.4				PP	04 29 16.0	2.8			
GTA	79.9	17	P	04 24 29.8	-0.8						SKS	04 35 57.0	-4.7			
			sP	04 24 42.0	3.6						eS	04 36 26.0	-6.2			
			PP	04 27 40.0	7.6						SME		16.0	2.70		
			S	04 34 36.3	4.6						PS	04 37 49.0				
			LE	$M_s=6.0$		18.0	4.35				LE	$M_s=6.4$	32.0	14.2		
TIY	82.0	27	eP	04 24 41.0	-0.4			MDJ	94.7	34	eP	04 25 45.0	2.6			
			PP	04 27 50.0	-0.1						PP	04 29 33.0	1.2			

SKS	04 36 16.0	0.8						eS	11 38 30.0	-3.2		
S	04 36 52.0	0.6						XAN	22.6 271 -P	11 35 19.0	-0.8	
SME			20.0	1.82				GZH	24.3 242 P	11 35 36.8	1.3	
PS	04 38 14.0							LZH	26.1 278 eP	11 35 52.5	-0.2	
SS	04 43 16.0	-2.7						GYA	27.3 256 -P	11 36 02.4	-1.0	
LZ	Ms=6.0		30.0	5.51				PP		11 37 06.4	-3.3	
								S		11 40 18.0	-0.4	
1985 11 16												
O=	11 30 44.3	± 0.10s						CD2	27.7 267 eP	11 36 05.6	-1.1	
LAT=	37.03 N	± 1.42km						GTA	28.7 286 -iP	11 36 15.3	-0.8	
LONG=	136.42 E	± 1.56km						PcP		11 39 18.8	1.5	
DEPTH=	312 km	± 1.35km						S		11 40 42.6	1.6	
STATIONS USED	= 109,	STAND DEV = 1.69s						ScP		11 42 30.0	2.7	
								ScS		11 46 22.4	2.1	
								QZN	29.4 240 eP	11 36 22.3	0.7	
								KMI	31.0 257 -P	11 36 35.5	-0.8	
MDJ	9.2 328 +iP		11 32 55.0	1.7				WMQ	37.3 296 P	11 37 29.5	0.6	
			sP	11 33 55.0	-3.6			LSA	38.2 273 +P	11 37 37.3	0.1	
			iS	11 34 39.0	4.2			KSH	46.8 292 eP	11 38 46.0	0.7	
			SME	ms=4.5	5.0	0.74		1985 11 16				
			ScS		3.6			O=	13 00 25.9	± 0.20s		
CN2	10.8 312 +iP		11 33 13.0	0.3				LAT=	28.45 N	± 2.26km		
			PMZ		2.0	0.40		LONG=	141.02 E	± 3.90km		
			iS	11 35 11.0	1.1			DEPTH=	72 km	± 1.47km		
			SMN	ms=4.6	5.0	0.70		STATIONS USED	= 31,	STAND DEV = 2.23s		
SNY	11.0 300 +iP		11 33 17.6	1.6				Ms=4.3 / 8,		ms=5.2 / 12		
			PMZ		1.0	0.10		SSE	17.4 284 P	13 04 25.0	-0.8	
			S	11 35 21.0	5.4			PMZ		ms=5.1	8.0	0.71
DL2	11.8 284 eP		11 33 28.0	2.1				SS		13 07 56.0	-2.7	
			eS	11 35 39.0	5.4			MDJ	18.5 334 eP	13 04 36.0	-3.2	
			SMN	ms=4.7	7.0	0.60		eS		13 08 05.0	4.5	
			SME		5.0	0.67		LZ		Ms=4.2	16.0	0.58
SSE	13.9 249 -iP		11 33 50.0	-1.3				DL2	19.2 308 +P	13 04 49.0	2.4	
			PMZ		3.0	1.25		PMZ		ms=5.2	6.0	0.72
			S	11 36 16.0	-3.4			NJ2	19.5 286 +P	13 04 51.0	1.2	
NJ2	15.3 256 -P		11 34 06.0	-0.8				PMZ		ms=5.4	6.0	1.30
			S	11 36 52.0	3.7			LE		Ms=4.2	9.0	0.30
TIA	15.5 273 eP		11 34 08.3	-0.9				SNY	19.5 318 eP	13 04 51.0	1.1	
BJI	16.1 287 eP		11 34 14.5	-1.2				LE		Ms=4.3	12.0	0.60
			eS	11 37 06.0	0.2			CN2	19.8 325 -P	13 04 52.0	-1.0	
			SMN	ms=4.9	6.0	1.01		PMZ		ms=5.0	4.5	0.40
			SME		5.0	1.24		eS		13 08 34.0	7.0	
TIY	19.1 279 eP		11 34 44.0	-2.1				LE		Ms=4.4	10.0	0.50
			sP	11 36 13.0	1.8			QZH	20.3 265 eP	13 04 58.0	-0.9	
			S	11 38 04.0	3.3			PMZ		ms=5.0	5.0	0.42
QZH	19.4 237 -P		11 34 48.8	-0.6				sP		13 05 28.0	4.6	
WHN	19.4 257 P		11 34 49.5	0.0				WHN	23.3 282 eP	13 05 29.0	0.7	
			PMZ		0.7	0.14		S		13 09 35.0	3.8	
			S	11 38 10.0	2.8			SMN		ms=5.5	5.0	0.57
			SME	ms=4.6	6.0	0.62		LN		Ms=4.6	10.0	0.40
HHC	19.7 289 -P		11 34 51.4	-0.8								
BTO	20.9 288 eP		11 35 02.4	-1.2								

			SMN	$m_B = 7.0$	10.0	15.8				SME		12.0	15.4
			SME		10.0	18.2				LE	$M_S = 7.3$	18.0	17.5
			LN	$M_S = 7.9$	17.0	200	LZH	47.4	325	eP	09 48 57.5	-1.3	
			LE		17.0	829				PMZ		2.0	3.13
XAN	43.1	328	+P	09 48 21.8	-2.4					S	09 55 56.0	5.1	
			PMZ	$m_B = 6.8$	6.0	9.37				SMN		16.0	11.4
			SMN		14.0	43.5	BTO	47.8	334	P	09 49 01.0	-0.8	
			SME		14.0	20.1				PMZ	$m_B = 6.6$	7.0	6.30
			LN	$M_S = 7.2$	15.0	107				PP	09 50 51.0	-0.9	
			LE		14.0	80.2				iS	09 55 55.0	-2.7	
CD2	43.9	320	+P	09 48 33.0	2.4					SMN		13.0	30.8
			PP	09 50 13.0	-1.0					ScS	09 58 55.0	3.3	
			sS	09 55 05.0	-5.7					LN	$M_S = 7.1$	13.0	80.0
			LE	$M_S = 7.3$	13.0	142				LE		13.0	44.5
TIY	44.3	334	P	09 48 33.8	-0.6		GTA	52.0	326	+iP	09 49 33.0	-1.1	
			PMZ	$m_B = 6.7$	6.0	7.46				PP	09 51 34.8	2.9	
			PcS	09 54 10.5	0.4					iS	09 57 02.8	6.4	
			S	09 55 04.0	-3.2					SMN		16.0	42.3
			SMN		18.0	122				LN	$M_S = 7.1$	16.0	91.0
			LN	$M_S = 7.3$	20.0	198	LSA	52.1	310	P	09 49 32.8	-2.3	
			LE		13.0	55.5				S	09 56 57.0	0.7	
SNY	44.5	348	+iP	09 48 32.5	-3.0					PS	09 57 05.8		
			PMZ	$m_B = 6.7$	5.0	6.36				LN	$M_S = 7.0$	19.0	71.6
			PcS	09 54 07.5	-3.2					LE		16.0	28.4
			S	09 55 00.0	-9.3		WMQ	61.8	323	P	09 50 41.8	-2.3	
			SMN		16.0	28.0				PMZ		18.0	12.4
			SME		17.0	48.0				iS	09 59 05.0	-1.3	
			LN	$M_S = 7.1$	15.0	92.9				LE	$M_S = 7.3$	15.0	91.7
			LE		13.0	41.2	KSH	67.6	314	+iP	09 51 25.4	4.1	
BJI	44.9	340	eP	09 48 36.5	-2.3					SS	10 04 40.4	3.2	
			PMZ	$m_B = 6.5$	6.0	4.80				LE	$M_S = 7.5$	18.0	17.8
			S	09 55 18.0	2.8								
			SMN		16.0	93.4							
			LN	$M_S = 7.7$	18.0	479							
CN2	46.0	351	-P	09 48 46.0	-2.0								
			PMZ	$m_B = 6.8$	6.0	9.40							
			eS	09 55 26.0	-6.8								
			SMN		13.0	25.0							
			SME		13.0	21.0							
MDJ	46.3	355	eP	09 48 48.5	-1.6								
			PMZ	$m_B = 6.7$	5.0	6.34							
			PP	09 50 41.0	2.8								
			iS	09 55 36.0	-0.7								
			SME	$m_B = 6.6$	10.0	9.85							
			PS	09 55 43.0									
			SS	09 58 54.0	0.4								
			LZ	$M_S = 7.2$	19.0	174							
HHC	47.3	336	P	09 48 56.6	-1.7								
			S	09 55 55.0	4.9								
			SMN		14.0	65.9							

1985 11 17

O	= 10 25 38.6		$\pm 0.16s$
LAT	= 1.67 S		$\pm 1.90km$
LONG	= 135:06 E		$\pm 4.44km$
DEPTH	= 17 km		$\pm 0.96km$
STATIONS USED = 31, STAND DEV = 2.33s			
SSE	35.2	339	eP 10 32 36.1 2.1
NJ2	36.9	337	+P 10 32 51.8 3.1
WHN	37.6	330	eP 10 32 57.0 2.1
GYA	39.2	318	P 10 33 10.8 3.0
KMI	41.1	313	eP 10 33 26.5 2.4
XAN	43.2	328	eP 10 33 38.6 -2.4
CD2	44.0	320	eP 10 33 46.8 -0.8
TIY	44.4	334	eP 10 33 50.8 -0.2
BJI	45.0	339	eP 10 33 58.0 2.8
CN2	46.1	350	eP 10 34 02.0 -2.1
MDJ	46.3	355	eP 10 34 01.0 -5.1
HHC	47.4	336	eP 10 34 14.8 0.0

BTO	47.9	334	eP	10 34 16.5	-1.8		
WMQ	62.0	323	P	10 36 03.0	2.2		
1985 11 17							
O	13 35 12.4			± 0.11s			
LAT	1.72 S			± 1.78km			
LONG	134.29 E			± 2.16km			
DEPTH	37 km			± 0.21km			
STATIONS USED = 91,				STAND DEV = 1.86s			
Ms = 4.9 / 7,							
QZN	31.7	312	eP	13 41 34.5	-0.4		
			eS	13 46 43.0	2.4		
			LN	Ms = 4.8	13.0	0.90	
SSE	34.9	340	eP	13 42 02.5	-0.7		
			eS	13 47 33.5	2.0		
			LE	Ms = 5.0	10.0	0.80	
NJ2	36.6	338	+P	13 42 17.0	-0.6		
			S	13 48 00.0	3.2		
			LE	Ms = 5.1	14.0	1.40	
WHN	37.3	331	eP	13 42 23.4	0.3		
GYA	38.7	318	P	13 42 35.3	0.4		
KMI	40.6	313	eP	13 42 51.5	0.8		
TIA	41.0	339	eP	13 42 53.6	-0.3		
XAN	42.8	328	-P	13 43 08.4	-0.7		
			eS	13 49 32.0	1.3		
CD2	43.5	321	eP	13 43 15.3	0.3		
TIY	44.1	335	eP	13 43 19.0	-0.8		
			S	13 49 52.5	3.7		
			LN	Ms = 4.8	12.0	0.29	
			LE		11.0	0.25	
SNY	44.4	349	eP	13 43 21.3	-0.6		
			S	13 49 54.0	1.2		
			LN	Ms = 4.9	18.0	0.53	
			LE		15.0	0.58	
BJI	44.7	340	eP	13 43 24.0	-0.5		
			eS	13 49 53.0	-5.4		
			LN	Ms = 5.0	16.0	0.64	
			LE		15.0	0.67	
CN2	46.0	351	eP	13 43 32.5	-2.1		
MDJ	46.3	355	-iP	13 43 36.8	-0.3		
LZH	47.1	326	-P	13 43 44.5	1.0		
			PMZ		1.6	0.12	
			eS	13 50 35.0	2.4		
HHC	47.2	336	+P	13 43 44.2	0.5		
BTO	47.6	335	eP	13 43 46.0	-1.1		
			ePP	13 45 36.0	-1.1		
			eS	13 50 37.0	-2.2		
			LN	Ms = 4.9	13.0	0.40	
			LE		13.0	0.40	
LSA	51.7	311	eP	13 44 18.8	-0.2		

GTA	51.7	326	-P	13 44 19.6	0.8		
WMQ	61.5	323	-P	13 45 28.5	-0.3		
KSH	67.2	314	eP	13 46 06.4	0.7		
1985 11 17							
O	14 20 54.9			± 0.11s			
LAT	1.64 S			± 1.84km			
LONG	134.43 E			± 2.19km			
DEPTH	19 km			± 0.08km			
STATIONS USED = 126,				STAND DEV = 1.91s			
Ms = 5.6 / 27,				m _B = 5.9 / 22			
QZH	30.6	331	eP	14 27 16.0	6.0		
			S	14 32 12.0	2.9		
			LE	Ms = 5.5	15.0	5.18	
QZN	31.7	312	eP	14 27 20.0	-0.2		
			S	14 32 26.0	-1.1		
			SMN	m _B = 5.8	10.0	1.80	
			SME		11.0	1.10	
			ePcS	14 33 54.5	0.1		
			SS	14 34 08.0	-9.3		
			LN	Ms = 5.5	16.0	5.10	
			LE		18.0	3.10	
GZH	32.0	321	eP	14 27 23.0	0.0		
			S	14 32 30.0	-2.1		
			SMN	m _B = 5.9	9.0	1.53	
			SME		7.0	1.11	
			LE	Ms = 5.5	15.0	4.82	
SSE	34.9	340	P	14 27 47.0	-0.9		
			PMZ		1.0	1.28	
			pP	14 27 52.0	-2.7		
			sP	14 27 55.0	-2.9		
			PP	14 29 05.0	-0.2		
			S	14 33 16.0	-0.8		
			sS	14 33 32.0	3.0		
			SS	14 35 32.0	1.0		
			LN	Ms = 5.6	12.0	3.13	
			LE		12.0	2.90	
NJ2	36.6	338	-P	14 28 00.0	-2.4		
			S	14 33 44.0	0.8		
			SMN	m _B = 5.9	8.0	1.80	
			LE	Ms = 5.7	16.0	6.80	
WHN	37.3	331	P	14 28 09.3	1.3		
			PMZ	m _B = 5.9	5.0	1.15	
			iS	14 33 56.0	1.7		
			SME	m _B = 5.9	9.0	2.02	
			LE	Ms = 5.5	16.5	4.48	
GYA	38.7	318	+P	14 28 20.4	0.3		
			pP	14 28 24.0	-2.9		
			PP	14 29 49.6	-2.5		
			S	14 34 13.0	-2.1		

			SMN	$m_B = 5.8$	10.0	1.80			PP	14 31 08.0	1.6		
			ScP	14 34 19.0	1.7				S	14 36 00.0	-1.4		
			LN	$M_s = 6.0$	17.0	12.1			SMN			30.0	3.10
			LE		17.0	4.10			eSS	14 39 16.0	-2.4		
KMI	40.6	313	eP	14 28 36.0	-0.1				LZ	$M_s = 5.7$	20.0	5.30	
			pP	14 28 40.0	-2.7			MDJ	46.2	355	-iP	14 29 21.5	0.0
			sP	14 28 44.0	-1.9				PP	14 31 06.0	-3.5		
			S	14 34 44.0	0.2				eS	14 36 06.0	-0.8		
			SMN	$m_B = 5.8$	10.0	1.55			SS	14 39 22.0	-1.7		
			LN	$M_s = 5.4$	14.0	2.57			LZ	$M_s = 5.5$	14.0	2.44	
TIA	41.0	338	-P	14 28 38.3	-0.4			LZH	47.1	326	-iP	14 29 29.5	1.0
DL2	42.0	345	eP	14 28 45.0	-2.4				PMZ			2.0	0.26
			PMZ	$m_B = 5.7$	6.0	0.72			S	14 36 20.0	1.8		
			eS	14 35 03.0	-2.6				SMN	$m_B = 6.0$	9.5	2.30	
			SME	$m_B = 6.0$	6.0	1.66			LN	$M_s = 5.4$	14.0	1.86	
			LN	$M_s = 6.0$	16.0	3.98		HHC	47.1	336	+P	14 29 28.8	0.2
			LE		16.0	10.3			pP	14 29 34.0	-1.3		
XAN	42.8	328	-P	14 28 53.0	-1.1				sP	14 29 38.0	-0.4		
			sP	14 29 01.0	-3.0				S	14 36 21.0	2.7		
			S	14 35 15.0	-1.4				SMN	$m_B = 6.2$	9.0	1.44	
			SME	$m_B = 5.7$	10.0	1.22			SME		9.0	2.58	
			SS	14 38 18.0	-3.9				sS	14 36 35.0	4.1		
			LE	$M_s = 5.6$	17.0	3.90			SS	14 39 41.0	2.3		
CD2	43.6	321	eP	14 29 00.4	0.3				LN	$M_s = 5.8$	17.0	2.02	
			LE	$M_s = 5.5$	12.0	2.05			LE		18.0	4.90	
TIY	44.1	335	-P	14 29 04.5	-0.1			BTO	47.6	335	-P	14 29 31.5	-0.5
			PP	14 30 52.0	3.4				sP	14 29 39.0	-2.8		
			S	14 35 32.0	-3.3				ePP	14 31 21.5	-0.4		
			SMN	$m_B = 6.0$	8.0	1.39			S	14 36 26.0	1.5		
			SME		8.0	1.66			sS	14 36 33.0	-4.1		
			SS	14 38 45.0	-0.3				LN	$M_s = 5.5$	17.0	1.90	
			LN	$M_s = 5.4$	14.0	1.35			LE		17.0	2.40	
			LE		16.0	1.79		GTA	51.7	326	-iP	14 30 04.0	0.0
SNY	44.4	348	-iP	14 29 05.5	-0.9				sP	14 30 12.1	-1.7		
			PMZ	$m_B = 5.9$	5.0	0.97			ScP	14 35 13.4	2.7		
			pP	14 29 15.0	1.6				S	14 37 19.6	-2.8		
			S	14 35 36.0	-2.7				SMN	$m_B = 5.9$	8.0	1.27	
			SMN	$m_B = 6.0$	10.0	1.60			ScS	14 39 51.6	2.5		
			SME		10.0	1.65			LE	$M_s = 5.4$	13.0	1.62	
			LN	$M_s = 5.6$	18.0	2.61		LSA	51.7	311	eP	14 30 03.6	-0.8
			LE		20.0	3.06			pP	14 30 07.6	-3.2		
BJI	44.7	340	eP	14 29 08.5	-0.7				sP	14 30 15.0	1.1		
			PMZ	$m_B = 5.7$	6.0	0.75			iS	14 37 24.0	-0.6		
			eS	14 35 44.0	-0.7				LE	$M_s = 5.1$	12.0	0.65	
			SMN	$m_B = 6.1$	6.0	1.40		WMQ	61.6	323	-P	14 31 13.0	-1.0
			SME		8.0	1.44			PcP	14 31 56.5	2.0		
			eSS	14 39 02.0	5.5				ScP	14 35 53.5	-0.3		
			LE	$M_s = 5.9$	20.0	9.55			S	14 39 35.5	3.2		
CN2	45.9	351	-P	14 29 17.0	-2.1				LN	$M_s = 5.8$	13.5	2.50	
			PMZ	$m_B = 5.8$	6.0	0.90			LE		13.0	1.94	

KSH 67.2 314 cP 14 31 52.4 1.3
S 14 40 48.4 6.0

1985 11 17

O = 15 25 24.0 ± 0.10s

LAT = 1.67 S ± 1.15km

LONG = 134.44 E ± 2.23km

DEPTH = 9 km ± 0.16km

STATIONS USED = 25, STAND DEV = 1.73s

NJ2 36.6 338 cP 15 32 31.0 -2.1
XAN 42.9 328 P 15 33 24.6 -0.2
CD2 43.6 321 cP 15 33 30.0 -0.8
TIY 44.2 335 cP 15 33 35.3 0.0
BJI 44.7 340 cP 15 33 39.0 -1.0
CN2 46.0 351 cP 15 33 48.0 -1.8
MDJ 46.3 355 -P 15 33 52.5 0.3
BTO 47.6 335 cP 15 34 02.6 -0.1
GTA 51.8 326 P 15 34 35.0 0.3
WMQ 61.6 323 P 15 35 51.0 6.2

1985 11 17

O = 16 02 29.2 ± 0.11s

LAT = 1.68 S ± 1.49km

LONG = 134.33 E ± 2.46km

DEPTH = 10 km ± 0.40km

STATIONS USED = 29, STAND DEV = 3.04s

NJ2 36.6 338 cP 16 09 43.4 5.4
XAN 42.8 328 P 16 10 28.6 -0.9
CD2 43.5 321 cP 16 10 35.0 -0.5
TIY 44.1 335 cP 16 10 40.0 -0.2
BJI 44.7 340 cP 16 10 44.0 -0.9
CN2 46.0 351 cP 16 10 52.0 -2.9
LZH 47.1 326 cP 16 11 05.0 1.0
HHC 47.1 336 cP 16 11 04.4 0.2
BTO 47.6 335 cP 16 11 07.4 -0.2
GTA 51.7 326 cP 16 11 39.5 0.1
WMQ 61.5 323 cP 16 12 49.0 -0.5

1985 11 17

O = 16 26 52.3 ± 0.08s

LAT = 1.77 S ± 1.12km

LONG = 134.40 E ± 1.96km

DEPTH = 12 km ± 0.22km

STATIONS USED = 16, STAND DEV = 1.98s

XAN 42.9 328 P 16 34 53.1 -0.1
CD2 43.7 321 cP 16 34 58.5 -0.7
CN2 46.1 351 cP 16 35 16.0 -2.4
GTA 51.8 326 P 16 36 04.0 1.0
WMQ 61.6 323 cP 16 37 12.8 -0.2

1985 11 17

O = 16 55 06.2 ± 0.07s

LAT = 1.61 S ± 0.90km

LONG = 134.64 E ± 1.43km

DEPTH = 10 km ± 0.23km

STATIONS USED = 14, STAND DEV = 1.88s

XAN 42.9 328 P 17 03 07.4 0.1
BJI 44.8 340 cP 17 03 21.0 -1.1
GTA 51.8 326 P 17 04 18.6 1.4

1985 11 17

O = 17 30 46.4 ± 0.20s

LAT = 42.11 N ± 2.52km

LONG = 143.30 E ± 1.34km

DEPTH = 94 km ± 2.67km

STATIONS USED = 17, STAND DEV = 1.99s

CN2 13.2 283 cP 17 33 49.0 -2.3
BJI 20.5 273 cP 17 35 16.5 -2.9
XAN 28.1 265 cP 17 36 31.0 -0.8
GTA 32.8 280 P 17 37 14.6 1.4
WMQ 40.1 292 P 17 38 15.0 0.4

1985 11 17

O = 20 50 52.0 ± 0.21s

LAT = 25.04 S ± 4.90km

LONG = 112.22 W ± 5.05km

DEPTH = 10 km ± 0.89km

STATIONS USED = 32, STAND DEV = 3.10s

Ms = 5.4 / 1,

MDJ 126.9 308 cPKP 21 10 03.5 6.0
HHC 140.4 304 cPKP 21 10 22.0 -1.0
BTO 141.6 304 cPKP 21 10 25.3 0.2
XAN 143.3 294 cPKP 21 10 23.8 -4.0
GYA 145.0 281 cPKP 21 10 28.4 -2.5
LZH 147.2 298 cPKP 21 10 35.0 0.3
CD2 147.8 289 cPKP 21 10 36.0 0.5
KMI 148.4 278 cPKP 21 10 38.0 1.4
GTA 149.5 306 PKP 21 10 40.0 1.6

LZ Ms = 5.4 40.0 0.97

1985 11 17

O = 21 33 39.9 ± 0.05s

LAT = 1.94 S ± 0.61km

LONG = 134.46 E ± 1.40km

DEPTH = 10 km ± 0.36km

STATIONS USED = 7, STAND DEV = 1.80s

XAN 43.1 328 cP 21 41 45.0 2.4
BJI 45.0 340 cP 21 41 57.0 -0.9
GTA 52.0 326 cP 21 42 50.8 -1.5

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1985 11 18
O = 02 03 10.8 ± 0.15s
LAT = 28.38 N ± 2.04km
LONG = 140.79 E ± 2.49km
DEPTH = 38 km ± 0.87km
STATIONS USED = 21, STAND DEV = 2.13s
Ms = 4.1 / 6, m_B = 5.1 / 7

SSE	17.2	284	P	02 07 11.0	0.4			
			PMZ		m _B = 5.2	6.0	0.77	
			esS	02 10 27.0	-5.5			
			SS	02 10 39.0	-1.5			
DL2	19.1	308	cP	02 07 30.0	-3.0			
NJ2	19.3	286	+P	02 07 37.5	1.9			
			PMZ		m _B = 5.1	6.0	0.64	
			S	02 11 08.0	2.7			
SNY	19.4	318	cP	02 07 34.0	-2.7			
			S	02 11 06.0	-1.5			
			LE		Ms = 4.1	12.0	0.36	
CN2	19.7	325	cP	02 07 37.0	-3.2			
			LZ		Ms = 4.2	13.0	0.50	
TIA	21.4	297	cP	02 07 57.4	-0.8			
			S	02 11 54.5	6.3			
			LE		Ms = 4.0	20.0	0.41	
WHN	23.1	282	P	02 08 17.0	2.4			
			SME		m _B = 5.2	9.0	0.64	
			LE		Ms = 4.5	14.0	0.68	
BJI	23.4	306	cP	02 08 15.0	-2.2			
			PMZ		m _B = 4.8	6.0	0.23	
			SME		m _B = 4.9	8.0	0.29	
TIY	25.5	299	P	02 08 38.5	1.2			
			LE		Ms = 3.9	10.0	0.12	
CD2	32.2	284	cP	02 09 39.1	1.1			
GTA	35.5	299	P	02 10 06.3	-0.1			
WMQ	44.8	305	cP	02 11 22.0	-1.6			

1985 11 18
O = 06 17 43.3 ± 0.12s
LAT = 1.75 S ± 1.84km
LONG = 134.32 E ± 2.72km
DEPTH = 17 km ± 0.16km
STATIONS USED = 67, STAND DEV = 2.27s
Ms = 5.0 / 16, m_B = 5.4 / 1

QZN	31.7	312	cP	06 24 07.6	-1.2			
			cS	06 29 14.5	-2.2			
			LN		Ms = 4.9	15.0	1.20	
SSE	35.0	340	P	06 24 37.0	-0.1			
			cpP	06 24 42.5	-1.3			
			esP	06 24 46.0	-0.8			
			cS	06 30 04.0	-3.5			
			LN		Ms = 5.1	9.0	0.44	

			LE				9.0	0.91
NJ2	36.7	338	-P	06 24 50.5	-1.1			
			S	06 30 35.5	2.6			
			LE		Ms = 5.0	12.0	0.90	
WHN	37.3	331	cP	06 24 57.5	0.4			
			pP	06 25 03.5	-0.2			
			LN		Ms = 4.9	13.0	0.81	
GYA	38.7	318	P	06 25 13.6	4.7			
			pP	06 25 17.6	2.2			
			LE		Ms = 4.7	20.0	0.80	
TIA	41.0	339	cP	06 25 26.4	-1.5			
			S	06 31 35.0	-3.6			
			LE		Ms = 5.2	19.0	1.81	
XAN	42.9	328	cP	06 25 40.8	-2.3			
			LN		Ms = 4.8	11.0	0.45	
CD2	43.6	321	cP	06 25 49.0	0.1			
			S	06 32 15.0	-1.3			
TIY	44.2	335	cP	06 25 52.8	-0.9			
			LN		Ms = 5.0	12.0	0.43	
			LE			12.0	0.55	
BJI	44.8	340	cP	06 25 57.0	-1.5			
			cS	06 32 27.5	-7.0			
			SMN		m _B = 5.4	6.0	0.39	
			LE		Ms = 5.0	16.0	0.91	
CN2	46.0	351	+P	06 26 08.0	-0.5			
			pP	06 26 13.0	-2.2			
			cS	06 32 50.0	-2.6			
			cSS	06 36 06.0	-2.9			
			LE		Ms = 5.0	12.0	0.70	
MDJ	46.4	355	cP	06 26 09.6	-1.4			
			sP	06 26 17.5	-3.2			
			cS	06 32 54.0	-3.1			
			SS	06 36 10.0	-4.3			
			LZ		Ms = 4.6	32.0	0.77	
LZH	47.2	326	cP	06 26 13.0	-4.5			
			PMZ			3.0	0.26	
HHC	47.2	336	P	06 26 18.6	0.9			
			LE		Ms = 5.2	16.0	1.36	
BTO	47.6	335	cP	06 26 20.0	-1.1			
			pP	06 26 26.0	-1.6			
			cPP	06 28 10.0	-1.0			
			cS	06 33 13.0	-2.4			
			esS	06 33 21.0	-5.3			
			LN		Ms = 5.0	14.0	0.40	
			LE			14.0	0.70	
GTA	51.8	326	P	06 26 52.0	-0.9			
			LZ		Ms = 4.9	24.0	0.83	
WMQ	61.6	323	P	06 28 01.1	-1.8			
KSH	67.2	314	cP	06 28 45.0	5.2			

1985 11 18
 O = 09 49 20.4 ± 0.09s
 LAT = 37.22 N ± 0.97km
 LONG = 71.86 E ± 0.99km
 DEPTH = 179 km ± 0.46km
 STATIONS USED = 20, STAND DEV = 1.56s
 $M_L = 4.7 / 3,$

KSH	3.9	54	cP	09 50 22.3	0.6		
			S	09 51 07.3	-1.0		
			SMN	$M_L = 4.7$	0.5	1.53	
			SME		0.5	1.72	
WMQ	13.7	56	cP	09 52 29.0	0.1		
LSA	17.7	109	P	09 53 18.8	0.8		
GTA	22.0	76	P	09 54 02.5	1.3		
GYA	31.3	100	P	09 55 26.0	-0.2		

1985 11 18
 O = 11 00 25.1 ± 0.16s
 LAT = 28.15 N ± 2.20km
 LONG = 140.63 E ± 2.83km
 DEPTH = 40 km ± 1.00km
 STATIONS USED = 27, STAND DEV = 2.16s
 $M_s = 4.0 / 7,$ $m_B = 5.0 / 7$

SSE	17.2	285	eP	11 04 24.0	0.4		
			eS	11 07 35.0	3.5		
			LN	$M_s = 3.9$	12.0	0.30	
DL2	19.1	309	cP	11 04 46.0	-1.4		
			eS	11 08 12.0	-3.1		
NJ2	19.2	287	+P	11 04 51.0	2.1		
			PMZ	$m_B = 5.2$	6.0	0.76	
			LZ	$M_s = 4.0$	12.0	0.30	
SNY	19.5	319	eP	11 04 48.0	-3.6		
			LE	$M_s = 4.1$	12.0	0.36	
CN2	19.8	326	cP	11 04 51.0	-4.4		
TIA	21.4	298	cP	11 05 14.5	2.5		
			PMZ	$m_B = 5.0$	5.0	0.37	
			eS	11 09 10.0	7.7		
			LN	$M_s = 3.9$	19.0	0.29	
WHN	23.0	282	eP	11 05 28.0	0.3		
			PMZ	$m_B = 5.4$	5.0	0.77	
			LE	$M_s = 4.6$	13.0	0.82	
BJI	23.4	307	cP	11 05 29.5	-1.9		
			PMZ	$m_B = 4.8$	5.0	0.21	
			eS	11 09 46.0	8.1		
			SMN	$m_B = 5.0$	8.0	0.22	
			SME		8.0	0.29	
TIY	25.4	299	cP	11 05 53.9	2.7		
			LE	$M_s = 3.9$	10.0	0.12	
HHC	27.0	306	cP	11 06 04.4	-1.0		
XAN	27.7	290	cP	11 06 10.0	-2.2		

GYA	30.2	275	P	11 06 34.8	0.6		
CD2	32.1	284	cP	11 06 50.1	-1.1		
GTA	35.5	299	P	11 07 18.8	-1.5		
WMQ	44.8	305	cP	11 08 35.5	-2.2		

1985 11 18
 O = 14 17 34.3 ± 0.09s
 LAT = 36.36 N ± 1.22km
 LONG = 71.13 E ± 1.37km
 DEPTH = 113 km ± 0.85km
 STATIONS USED = 43, STAND DEV = 2.13s
 $M_L = 4.6 / 2,$

KSH	4.9	50	cP	14 18 50.3	2.6		
			cS	14 19 43.0	-1.0		
			SMN	$M_L = 4.8$	0.5	1.39	
			SME		0.5	1.28	
WMQ	14.7	54	P	14 20 55.4	-2.5		
			S	14 23 39.5	1.8		
			SME		1.0	0.050	
LSA	18.0	106	-P	14 21 37.9	-1.8		
GTA	22.8	74	P	14 22 31.0	2.6		
CD2	27.6	92	P	14 23 13.8	0.2		

1985 11 18
 O = 17 01 50.5 ± 0.13s
 LAT = 24.02 N ± 1.76km
 LONG = 122.29 E ± 1.81km
 DEPTH = 25 km ± 0.64km
 STATIONS USED = 61, STAND DEV = 1.98s
 $M_s = 4.5 / 21,$

QZH	3.5	286	+iPn	17 02 44.3	0.6		
			Pg	17 02 54.8	2.5		
			Sn	17 03 23.3	-2.8		
			Sg	17 03 36.3	-4.0		
			LN	$M_s = 4.3$	12.5	5.28	
			LE		12.5	7.49	
SSE	7.1	352	P	17 03 34.8	-1.0		
			S	17 04 55.0	-1.5		
			LN	$M_s = 4.2$	12.0	2.48	
GZH	8.3	265	cP	17 03 47.0	-4.8		
			iS	17 05 17.6	-7.6		
			LN	$M_s = 4.3$	10.0	1.34	
			LE		11.0	1.77	
NJ2	8.6	340	cP	17 03 54.6	-1.4		
			S	17 05 31.0	-1.5		
			LN	$M_s = 4.2$	11.0	1.70	
WHN	9.6	314	cP	17 04 08.0	-2.3		
			LG ₂	17 07 05.0	-2.3		
			LN	$M_s = 4.5$	10.0	2.23	
QZN	12.6	249	cP	17 04 52.6	1.4		

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LONG = 119.72 E ± 1.06km
 DEPTH = 180 km ± 0.82km
 STATIONS USED = 20, STAND DEV = 0.92s

GYA	36.9	340	P	01 07 07.8	0.9
WHN	39.0	353	P	01 07 26.0	1.2
CD2	42.0	339	P	01 07 49.3	0.5
XAN	43.4	347	-P	01 07 59.8	-0.8
GTA	51.0	340	+iP	01 08 59.6	-0.2

1985 11 19
 O = 08 20 14.3 ± 0.15s
 LAT = 8.88 S ± 2.69km
 LONG = 157.90 E ± 3.02km
 DEPTH = 5 km ± 0.25km
 STATIONS USED = 74, STAND DEV = 2.54s

Ms = 5.0 / 8, m _B = 5.5 / 3					
SSE	53.1	320	eP	08 29 40.0	4.7
			S	08 37 04.0	0.4
			LE	Ms = 4.8	20.0 0.58
QZN	54.9	301	eP	08 29 50.0	1.3
			eS	08 37 32.0	2.7
NJ2	55.2	319	eP	08 29 52.0	1.1
			S	08 37 35.0	2.7
			SME		14.0 1.10
			LZ	Ms = 5.2	19.0 1.30
WHN	57.3	315	eP	08 30 05.0	-1.0
			PMZ	m _B = 5.8	4.0 0.55
			S	08 38 02.0	2.0
			SMN	m _B = 5.5	6.0 0.38
			LN	Ms = 5.1	14.0 0.62
MDJ	59.1	337	eP	08 30 19.5	1.1
			eS	08 38 24.0	-0.6
			LZ	Ms = 5.0	18.0 0.60
CN2	60.1	333	-P	08 30 26.0	0.2
			eS	08 38 34.0	-4.3
			eSS	08 42 34.0	-0.9
			LN	Ms = 5.1	10.0 0.40
GYA	60.9	307	P	08 30 30.8	-0.2
			S	08 38 48.0	1.4
BJI	62.1	325	eP	08 30 40.0	0.9
			eS	08 39 03.0	-0.3
			SMN	m _B = 5.2	10.0 0.29
			LN	Ms = 5.0	15.0 0.54
TIY	62.9	321	eP	08 30 43.0	-1.2
			LN	Ms = 5.2	17.0 0.64
			LE		15.0 0.43
XAN	63.1	315	eP	08 30 43.8	-1.7
			S	08 39 16.0	1.9
CD2	65.2	310	eP	08 30 58.6	-1.0
			pP	08 31 03.0	-1.5

			cS	08 39 42.0	-0.3
LZH	67.7	315	eP	08 31 18.5	3.1
GTA	72.1	316	+iP	08 31 45.5	3.1
LSA	74.7	304	eP	08 32 01.0	2.9
WMQ	82.2	317	P	08 32 37.8	-0.7
KSH	89.4	310	eP	08 33 19.0	4.6

1985 11 19
 O = 14 03 34.4 ± 0.06s
 LAT = 28.70 N ± 1.22km
 LONG = 129.01 E ± 1.06km
 DEPTH = 142 km ± 0.55km
 STATIONS USED = 150, STAND DEV = 1.62s

m _B = 5.6 / 12					
SSE	7.2	291	-iP	14 05 18.0	-0.3
			PMZ		3.0 2.44
			sP	14 05 51.5	-0.5
			S	14 06 41.0	2.2
			PcP	14 11 50.0	-2.0
			PcS	14 15 24.0	0.6
			LN		6.0 3.27
			LE		5.0 2.03
NJ2	9.4	293	-P	14 05 47.0	-0.5
			PMZ	m _B = 5.9	4.0 1.30
			S	14 07 25.0	-6.2
QZH	10.0	251	eP	14 05 55.6	-0.3
			S	14 07 46.0	-0.4
			LN		14.0 0.84
DL2	11.9	331	eP	14 06 23.0	2.6
			S	14 08 38.0	7.8
			LN		8.0 0.59
			LE		10.0 0.85
TIA	12.5	310	eP	14 06 29.5	0.8
			eS	14 08 50.0	4.5
			LE		10.0 0.75
WHN	12.9	282	eP	14 06 33.0	-0.5
			S	14 09 02.0	8.3
			LG ₂	14 10 36.0	-3.5
			LN		5.0 4.01
SNY	13.8	343	+P	14 06 48.0	2.5
			PMZ		1.0 0.26
			eS	14 09 17.0	1.0
			SMN	m _B = 5.1	9.0 0.94
GZH	15.2	252	eP	14 07 02.5	0.1
			eS	14 09 51.0	4.4
			LN		8.0 0.61
			LE		7.0 0.72
CN2	15.3	350	+P	14 07 04.0	-0.7
			PMZ	m _B = 5.4	4.0 0.70
			esP	14 07 44.0	0.8

QZN	28.3	251	cP	15 48 41.3	1.5		
LZH	28.9	289	-iP	15 48 44.5	-0.4		
			PMZ			1.0	0.17
CD2	29.4	278	-P	15 48 49.3	-0.1		
			PMZ			0.6	0.060
GTA	32.2	295	-iP	15 49 13.5	0.4		
			S	15 53 54.5	-0.9		
			ScP	15 54 55.8	2.2		
			ScS	15 58 51.8	-0.8		
LSA	40.3	280	P	15 50 22.1	0.6		
WMQ	41.4	302	-iP	15 50 30.0	0.6		
KSH	50.5	297	cP	15 51 42.1	1.7		

1985 11 19

O = 16 53 48.0 ± 0.09s
 LAT = 37.80 N ± 1.47km
 LONG = 71.02 E ± 1.24km
 DEPTH = 20 km ± 0.18km
 STATIONS USED = 47, STAND DEV = 2.04s

 $M_L = 4.6 / 1,$

KSH	4.2	65	cP	16 54 57.0	3.7		
WMQ	14.0	59	eP	16 57 05.0	-2.8		
			PP	16 57 15.0	-3.5		
			S	16 59 35.0	-8.0		
			SMN			2.0	0.090
LSA	18.6	110	P	16 58 06.3	-0.3		
BTO	30.2	72	eP	16 59 59.6	-0.3		
XAN	30.8	85	eP	17 00 05.3	0.2		

1985 11 19

O = 20 19 05.9 ± 0.11s
 LAT = 22.43 N ± 0.54km
 LONG = 101.22 E ± 0.48km
 DEPTH = 12 km ± 0.81km
 STATIONS USED = 10, STAND DEV = 3.62s

 $M_s = 3.9 / 2, M_L = 4.1 / 4,$

KMI	3.0	27	+Pn	20 20 02.0	7.8		
			Pg	20 20 06.0	6.7		
			Sn	20 20 38.5	6.6		
			Sg	20 20 45.5	4.9		
			SMN	$M_L = 4.2$	1.5	0.74	
			SME		1.5	1.00	
			LE	$M_s = 3.8$	8.0	2.50	
GYA	6.4	50	Pn	20 20 41.8	1.6		
			Pg	20 21 06.6	8.1		
			Sn	20 22 02.0	6.9		
			SMN	$M_L = 4.1$	1.4	0.10	
			SME		1.4	0.14	
			LN	$M_s = 4.0$	8.0	1.00	
			LE		8.0	0.70	

QZN	8.7	111	cP	20 21 13.4	-2.0		
			eS	20 22 54.4	-0.4		

1985 11 20

O = 02 49 45.4 ± 0.10s
 LAT = 10.41 S ± 1.71km
 LONG = 111.90 E ± 2.87km
 DEPTH = 44 km ± 0.38km
 STATIONS USED = 92, STAND DEV = 1.61s
 $M_s = 4.7 / 5,$

QZN	29.3	356	P	02 55 49.3	2.8		
GZH	33.3	2	cP	02 56 22.0	0.4		
KMI	36.4	346	+P	02 56 50.0	1.5		
			pP	02 57 01.5	2.1		
			S	03 02 33.0	7.8		
			LE	$M_s = 4.7$	15.0	0.66	
GYA	37.0	352	P	02 56 54.3	1.2		
			pP	02 57 06.0	1.8		
			S	03 02 38.0	4.0		
WHN	40.8	3	-iP	02 57 25.5	1.0		
			pP	02 57 37.5	1.7		
CD2	41.8	349	+P	02 57 33.4	0.3		
			PMZ			1.0	0.070
SSE	42.2	12	P	02 57 37.3	1.0		
			PMZ			1.0	0.040
NJ2	42.7	9	-P	02 57 41.8	1.2		
			pP	02 57 54.0	2.0		
			LZ	$M_s = 4.4$	20.0	0.30	
XAN	44.3	356	+P	02 57 52.8	-0.4		
LSA	44.6	334	+P	02 57 55.6	-0.6		
LZH	46.9	351	+iP	02 58 14.0	0.2		
			PMZ			1.5	0.090
TIY	47.9	1	cP	02 58 20.3	-1.3		
BJI	50.3	4	cP	02 58 39.0	-1.6		
			epP	02 58 52.0	0.0		
BTO	50.8	358	cP	02 58 41.5	-2.5		
GTA	50.8	348	+iP	02 58 44.6	0.2		
			LZ	$M_s = 4.7$	24.0	0.53	
HHC	51.0	360	-iP	02 58 45.6	-0.1		
SNY	53.1	11	-P	02 58 59.4	-1.7		
CN2	55.3	12	+P	02 59 15.0	-2.7		
			pP	02 59 27.0	-2.3		
MDJ	57.1	15	cP	02 59 28.0	-2.1		
			pP	02 59 40.5	-1.2		
WMQ	58.3	340	-iP	02 59 38.3	-0.5		
			pP	02 59 50.4	0.1		

1985 11 20

O = 05 14 26.1 ± 0.10s
 LAT = 43.91 N ± 2.97km

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LONG = 148.43 E ± 2.00km				DEPTH = 31 km ± 0.43km				STATIONS USED = 96, STAND DEV = 1.67s				Ms = 4.9 / 21, m _B = 5.2 / 4				
MDJ	13.5	280	+P	05 17 38.0	-0.4			WHN	30.0	255	eP	05 20 33.5	-1.0			
			SS	05 20 22.0	-2.0						LN		Ms = 5.1	14.0	1.10	
			LZ			Ms = 4.9	16.0	4.96			LE			15.0	1.90	
CN2	16.6	278	-P	05 18 16.0	-1.9			QZH	30.8	242	eP	05 20 40.0	-1.5			
			PMZ			m _B = 5.2	4.0	0.50			eS	05 25 51.0	9.2			
			pP	05 18 21.0	-4.1						LE		Ms = 4.7	20.0	1.12	
			eS	05 21 17.0	-3.3			XAN	32.0	266	eP	05 20 52.0	-0.2			
			LZ			Ms = 4.9	13.0	3.30			LE		Ms = 4.9	14.0	1.00	
SNY	18.3	272	+P	05 18 38.0	-1.7			LZH	34.7	273	+iP	05 21 16.5	0.9			
			eS	05 22 08.0	7.9						PMZ			1.5	0.12	
			LN			Ms = 4.7	16.0	1.06			eS	05 26 47.0	4.0			
			LE				17.0	1.69			LN		Ms = 5.1	13.0	1.35	
DL2	20.7	265	eP	05 19 07.0	0.9			GZH	35.5	246	P	05 21 23.5	1.2			
			LN			Ms = 4.8	13.0	1.30	GTA	36.2	280	+iP	05 21 30.0	1.7		
			LE				16.0	1.15			eS	05 27 09.5	3.6			
BJI	24.2	272	eP	05 19 41.5	0.3						LN		Ms = 5.1	12.0	0.79	
			PMZ			m _B = 5.3	4.0	0.44			LE			13.0	1.02	
			eS	05 24 01.0	6.2			CD2	37.3	265	eP	05 21 38.4	0.5			
			SMN			m _B = 5.1	12.0	0.34			S	05 27 25.0	2.5			
			SME				13.0	0.65	GYA	37.9	257	P	05 21 42.4	0.0		
			LN			Ms = 4.8	14.0	0.91			sP	05 21 53.6	-1.5			
			LE				14.0	1.23			S	05 27 36.0	5.6			
SSE	25.0	248	eP	05 19 48.0	-0.7						LN		Ms = 5.2	15.0	1.40	
			eS	05 24 08.0	-0.1						LE			15.0	0.80	
			sS	05 24 18.0	-4.4			KMI	41.5	258	+P	05 22 12.5	0.2			
			SMN				16.0	1.74			S	05 28 28.0	3.6			
			eSS	05 25 10.0	3.3						sS	05 28 43.0	2.7			
			LN			Ms = 5.1	17.0	1.52			LN		Ms = 5.0	17.0	0.99	
			LE				18.0	2.86	WMQ	42.9	292	+P	05 22 25.0	1.0		
TIA	25.1	263	-P	05 19 51.3	1.9						S	05 28 51.0	5.5			
			pP	05 19 57.0	-1.1											
			SMN			m _B = 5.5	7.0	0.44								
			SME				7.0	0.96								
			LN			Ms = 4.5	14.0	0.49								
			LE				18.0	0.54								
NJ2	26.0	253	-P	05 20 01.5	3.2											
			S	05 24 28.0	3.8											
			LN			Ms = 4.8	15.0	1.40								
HHC	27.3	276	+P	05 20 11.8	1.8											
			LN			Ms = 4.8	14.0	0.19	QZH	4.2	290	cPn	10 10 35.1	0.5		
			LE				13.0	1.15			LN		Ms = 4.0	13.0	4.24	
TIY	27.8	270	-iP	05 20 16.0	1.3				SSE	7.6	349	cP	10 11 22.5	-2.2		
			LN			Ms = 4.6	16.0	0.54			LN		Ms = 4.0	13.0	0.86	
			LE				19.0	0.84			LE			13.0	1.15	
BTO	28.4	277	eP	05 20 20.6	-0.2				GZH	8.8	269	cP	10 11 40.8	-0.2		
			pP	05 20 28.5	-0.9				NJ2	9.2	338	cP	10 11 46.3	0.4		
											eS	10 13 28.3	-0.6			

1985 11 20
 O = 10 09 33.1 ± 0.08s
 LAT = 23.59 N ± 1.94km
 LONG = 122.90 E ± 1.54km
 DEPTH = 33 km ± 1.27km
 STATIONS USED = 36, STAND DEV = 1.87s
 Ms = 4.1 / 7,

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			LN		Ms=4.1	11.0	0.86
			LE			12.0	0.86
XAN	16.1	314	cP	10 13 20.8	2.5		
			LN		Ms=4.3	10.0	0.42
			LE			10.0	0.46
CD2	18.5	297	cP	10 13 48.8	0.0		
			LN		Ms=4.5	10.0	0.73
GTA	25.1	314	P	10 14 58.0	1.1		
			LZ		Ms=4.3	10.0	0.31

			cS	16 11 40.0	2.7		
			LE		Ms=4.4	9.0	0.50
SNY	19.5	318	cP	16 08 07.3	-0.6		
			pP	16 08 15.0	-1.8		
			cS	16 11 41.0	0.1		
			LN		Ms=4.6	11.0	0.56
			LE			11.0	0.92
CN2	19.8	326	-P	16 08 08.0	-3.4		
			PMZ		m _B =5.1	4.5	0.40
			LE		Ms=4.5	11.0	0.80

1985 11 20

O=14 18 04.8 ± 0.10s
 LAT=11.55 S ± 2.42km
 LONG=166.00 E ± 2.59km
 DEPTH= 31 km ± 0.72km
 STATIONS USED = 41, STAND DEV = 1.60s

NJ2	62.6	315	-P	14 28 28.5	0.0		
MDJ	64.9	332	cP	14 28 44.0	0.0		
CN2	66.3	329	cP	14 28 49.0	-3.9		
GYA	68.9	304	-P	14 29 10.3	0.9		
BJI	69.0	321	cP	14 29 09.5	-0.5		
TIY	70.1	317	cP	14 29 17.0	0.3		
XAN	70.6	312	cP	14 29 20.3	0.3		
KMI	71.6	301	+P	14 29 27.0	1.1		
CD2	73.1	307	cP	14 29 35.4	0.7		
BTO	73.2	319	cP	14 29 33.6	-1.9		
LZH	75.3	312	cP	14 29 48.5	1.1		
GTA	79.6	314	+P	14 30 12.8	1.4		
WMQ	89.6	315	P	14 31 01.5	-0.2		

QZH	20.2	266	+P	16 08 16.5	1.8		
TIA	21.5	298	cP	16 08 27.0	-1.9		
			PMZ		m _B =5.6	5.0	1.62
			SMN		m _B =5.0	6.0	0.30
			LN		Ms=4.5	9.0	0.20
			LE			9.0	0.54

BJI	23.5	306	cP	16 08 49.0	1.0		
			PMZ		m _B =5.2	6.0	0.64
			cS	16 13 01.0	5.6		
			SMN		m _B =5.5	7.0	0.83
			SME			9.0	0.81

GZH	25.3	265	+P	16 09 09.0	3.6		
			PMZ		m _B =5.7	5.0	1.01
			SME		m _B =5.4	10.0	1.01
TIY	25.6	299	cP	16 09 00.5	-7.5		
			PMZ		m _B =5.8	5.0	1.26
			PP	16 09 50.0	2.8		
			LN		Ms=4.1	10.0	0.18

1985 11 20

O=16 03 40.7 ± 0.20s
 LAT=28.25 N ± 2.65km
 LONG=140.84 E ± 3.57km
 DEPTH= 39 km ± 1.28km
 STATIONS USED = 38, STAND DEV = 2.57s

SSE	17.3	284	-P	16 07 40.0	-1.3		
			PMZ		m _B =5.2	8.0	0.90
			cS	16 10 46.0	-4.8		
			SS	16 11 10.0	-2.0		
			LE		Ms=4.3	9.0	0.48

MDJ	18.6	334	-P	16 07 56.0	-1.8		
			S	16 11 18.0	-2.3		
			LZ		Ms=4.6	16.0	1.50
DL2	19.2	309	P	16 08 03.0	-1.1		
			cS	16 11 34.0	1.2		
			LN		Ms=4.4	12.0	0.67

NJ2	19.4	287	+P	16 08 08.0	1.7		
			PMZ		m _B =5.5	6.0	1.60

HHC	27.1	305	cP	16 09 20.4	-1.7		
XAN	27.9	290	cP	16 09 28.4	-0.8		
BTO	28.1	304	+P	16 09 30.5	-1.1		
			cPP	16 10 17.0	-4.5		
			S	16 14 09.0	-2.4		
			LN		Ms=4.5	13.0	0.30
			LE			13.0	0.40

LZH	32.1	294	cP	16 10 08.5	1.2		
GTA	35.6	299	cP	16 10 35.0	-2.0		
			cS	16 16 09.0	-0.7		
			LN		Ms=4.6	11.0	0.33

1985 11 20

O=22 03 06.9 ± 0.06s
 LAT=51.77 N ± 2.92km
 LONG=174.65 W ± 1.39km
 DEPTH= 14 km ± 0.50km
 STATIONS USED = 86, STAND DEV = 1.09s
 Ms=4.8 / 1,

MDJ	37.0	281	cP	22 10 18.5	-0.3		
CN2	40.0	283	+P	22 10 43.0	-0.4		
			cS	22 16 44.0	-4.7		

		LZ	Ms=4.8	20.0	0.80		
SNY	42.3	282	+iP	22 11 02.6	0.7	1985 11 21	
BJI	47.8	284	cP	22 11 46.5	0.1	O=00 56 10.6	± 0.32s
TIA	49.7	280	cP	22 12 00.8	0.0	LAT=27.78 N	± 3.49km
HHC	50.1	288	P	22 12 05.0	1.1	LONG=142.16 E	± 6.05km
SSE	50.6	272	cP	22 12 07.8	0.0	DEPTH= 28 km	± 1.20km
BTO	51.1	289	cP	22 12 11.0	-1.0	STATIONS USED = 28,	STAND DEV = 3.08s
NJ2	51.4	275	-P	22 12 13.0	-0.8	Ms=4.4 / 9,	m _B =5.3 / 9
TIY	51.5	284	-iP	22 12 15.9	0.8	SSE	18.6 285 +P 01 00 24.0 -3.7
		PMZ			0.9 0.010	PMZ	m _B =5.3 6.0 0.81
XAN	56.1	283	+P	22 12 47.8	-1.0	LE	Ms=4.4 10.0 0.64
LZH	57.7	289	cP	22 13 00.5	0.0	MDJ	19.6 332 cP 01 00 34.0 -5.6
GTA	57.8	294	P	22 13 00.0	-0.9	LZ	Ms=4.2 16.0 0.58
WMQ	61.3	305	+P	22 13 24.6	-0.2	DL2	20.4 308 P 01 00 47.0 -1.1
CD2	61.4	284	P	22 13 25.4	-0.3	LE	Ms=4.3 12.0 0.54
GYA	62.8	279	P	22 13 35.0	-0.4	NJ2	20.6 288 +P 01 00 49.6 -1.1
QZN	66.4	271	cP	22 14 00.0	1.9	SNY	20.7 318 +P 01 00 51.0 0.0
LSA	69.7	292	+iP	22 14 19.9	0.3	S	01 04 30.0 -4.9
KSH	70.3	309	cP	22 14 24.0	0.9	LE	Ms=4.1 11.0 0.26
						CN2	20.9 324 -P 01 00 49.0 -4.5
						PMZ	m _B =5.3 4.5 0.60
						LN	Ms=4.5 10.0 0.60
						QZH	21.3 268 cP 01 01 02.0 4.5
						cS	01 04 47.0 -0.9
						SME	m _B =5.2 6.0 0.57
						TIA	22.8 298 cP 01 01 09.3 -3.1
						PMZ	m _B =5.6 5.0 1.35
						cS	01 05 11.6 -3.8
						SME	m _B =5.6 6.0 1.09
						LE	Ms=4.4 8.5 0.42
						WHN	24.4 283 cP 01 01 32.5 4.3
						S	01 05 50.0 7.0
						SME	m _B =5.3 10.0 0.88
						LN	Ms=4.7 11.0 0.54
						LE	11.0 0.71
						BJI	24.7 306 cP 01 01 31.0 0.1
						PMZ	m _B =5.2 6.0 0.53
						cS	01 05 45.0 -3.5
						SMN	m _B =5.3 7.0 0.39
						SME	9.0 0.58
						cSS	01 06 40.0 -4.7
						TIY	26.8 299 cP 01 01 51.2 0.5
						PMZ	m _B =5.9 5.0 1.26
						PP	01 02 28.0 -7.3
						LN	Ms=4.0 8.0 0.12
						XAN	29.1 291 cP 01 02 10.7 -0.9
						cS	01 06 56.0 -4.6
						BTO	29.3 304 cP 01 02 12.5 -1.1
						GTA	36.8 299 P 01 03 22.0 3.3
						PP	01 04 47.0 3.0

Station	Lat	Long	Depth	Time	Phase	Ms	mb	Ms	mb	Time	Phase	Ms	mb
WMQ	46.2	305	305	01 04 36.5	cP	4.5		12.0	0.27				
<p>1985 11 21</p> <p>O=02 27 16.6 ± 0.10s</p> <p>LAT= 2.41 N ± 1.62km</p> <p>LONG=126.69 E ± 2.55km</p> <p>DEPTH= 49 km ± 0.30km</p> <p>STATIONS USED =120, STAND DEV= 1.71s</p> <p>Ms=4.7/ 15, mb=5.5/ 7</p>													
QZN	23.3	316	316	02 32 21.4	cP								
				02 36 24.0	S								
					SMN	5.4		10.0	1.00				
				02 36 40.0	sS								
					LN	4.7		13.0	0.81				
					LE			15.0	0.76				
QZH	23.7	341	341	02 32 25.0	cP								
				02 33 00.0	cPP								
				02 36 33.0	cS								
					LN	4.8		25.0	2.83				
GZH	24.3	329	329	02 32 32.0	-iP								
				02 36 44.0	S								
					SMN	5.5		9.0	1.24				
SSE	29.0	350	350	02 33 15.0	+P								
				02 38 01.0	S								
					SMN			14.0	0.76				
					SME			14.0	0.87				
				02 38 21.0	esS								
				02 40 04.0	PcS								
					LN	4.8		20.0	0.90				
					LE			20.0	1.15				
WHN	30.3	339	339	02 33 26.0	cP								
				02 33 40.5	pP								
				02 38 19.0	cS								
					LE	4.7		16.0	0.94				
NJ2	30.4	347	347	02 33 28.0	-P								
				02 38 23.0	S								
					LZ	4.5		22.0	0.80				
GYA	30.7	323	323	02 33 29.8	P								
				02 33 44.0	pP								
				02 38 25.0	S								
					LE	4.6		20.0	0.90				
KMI	32.3	316	316	02 33 43.5	+P								
				02 38 52.0	S								
					SMN	5.1		7.0	0.30				
					LZ	5.0		28.0	2.50				
TIA	34.8	346	346	02 34 04.9	P								
				02 39 34.0	cS								
					LN	4.8		11.5	0.71				
XAN	35.6	334	334	02 34 10.4	cP								
					S								
					PcS								
CD2	35.7	325	325	02 34 12.1	cP								
				02 34 26.0	epP								
				02 39 42.0	S								
				02 40 25.0	ScP								
					LN	4.9		28.0	1.89				
DL2	36.6	353	353	02 34 20.0	cP								
				02 40 00.0	S								
					LN	4.5		12.0	0.34				
TIY	37.5	341	341	02 34 26.9	P								
				02 40 10.0	S								
					LE	4.4		14.0	0.27				
BJI	38.7	347	347	02 34 37.5	cP								
				02 40 24.0	cS								
SNY	39.3	356	356	02 34 43.0	+iP								
					PMZ	5.7		4.0	0.46				
				02 36 52.0	PcP								
				02 40 42.5	iS								
					SME	5.5		7.0	0.59				
LZH	39.6	330	330	02 34 48.0	cP								
HHC	40.6	342	342	02 34 52.0	P								
BTO	40.9	341	341	02 34 57.0	cP								
				02 41 06.0	cS								
					LN	4.7		14.0	0.40				
					LE			14.0	0.30				
CN2	41.2	359	359	02 34 58.0	+P								
					PMZ			3.0	0.40				
				02 36 35.0	PP								
					PPMZ			4.0	0.40				
				02 41 07.0	cS								
					SME	5.5		6.0	0.50				
					LZ	4.7		24.0	0.80				
MDJ	42.1	3	3	02 35 07.0	cP								
					PMZ			2.0	0.71				
				02 36 45.0	PP								
				02 41 17.0	S								
				02 44 16.0	SS								
					LZ	5.0		28.0	1.78				
LSA	43.3	312	312	02 35 15.9	P								
				02 41 37.0	S								
					SME	5.7		3.5	0.40				
				02 45 10.0	ScS								
GTA	44.2	330	330	02 35 23.9	+iP								
				02 40 57.0	ScP								
				02 41 50.0	cS								
				02 45 17.7	ScS								
					LE	4.8		14.0	0.48				
WMQ	53.8	326	326	02 36 35.8	P								
				02 36 50.0	pP								

	sP	02 36 56.0	1.2
	PcP	02 37 43.0	1.7
	S	02 44 04.5	-0.5
	ScS	02 46 18.5	1.2
KSH	58.9 316 P	02 37 16.0	2.2
	eS	02 45 22.0	7.5

1985 11 21

O = 03 49 06.2 ± 0.08s
 LAT = 34.42 N ± 1.31km
 LONG = 26.06 E ± 1.06km
 DEPTH = 19 km ± 0.13km
 STATIONS USED = 30, STAND DEV = 0.99s

WMQ	47.7 59 P	03 57 45.4	0.8
GTA	57.7 62 P	03 58 59.2	0.7
CD2	64.0 69 cP	03 59 40.8	-0.4
HHC	65.4 56 P	03 59 50.5	-0.3
GYA	68.3 72 P	04 00 09.0	0.2

1985 11 21

O = 09 06 02.9 ± 0.06s
 LAT = 35.51 N ± 1.90km
 LONG = 140.88 E ± 1.02km
 DEPTH = 61 km ± 1.08km
 STATIONS USED = 20, STAND DEV = 1.47s

CN2	14.5 310 cP	09 09 25.4	-0.6
SNY	14.9 300 cP	09 09 33.5	1.8
BJI	20.0 290 cP	09 10 31.0	-2.6
WHN	22.8 265 cP	09 11 01.0	-0.1
TIY	22.9 284 cP	09 11 04.6	1.9
XAN	26.2 276 cP	09 11 33.0	-1.4
GYA	30.6 262 P	09 12 12.6	-0.9
GTA	32.6 289 cP	09 12 32.0	0.4
WMQ	41.2 298 P	09 13 45.0	1.6

1985 11 21

O = 11 42 22.6 ± 0.08s
 LAT = 40.21 N ± 0.89km
 LONG = 115.84 E ± 0.78km
 DEPTH = 23 km ± 0.18km
 STATIONS USED = 26, STAND DEV = 1.74s

M _L = 4.0 / 21,			
BJI	0.3 124 -iPg	11 42 28.0	-1.3
	Sg	11 42 32.0	-2.4
HHC	3.3 282 +Pg	11 43 20.0	-1.5
	Sg	11 44 05.0	-1.7
	SMN	M _L = 4.2	0.8 0.67
	SME		0.8 0.74
TIY	3.6 228 +Pn	11 43 19.5	1.3
	Pg	11 43 29.7	2.7

	Sn	11 44 01.5	-0.6
	Sg	11 44 13.9	-3.0
	SMN	M _L = 4.5	0.6 1.18
	SME		0.8 1.17
TIA	4.1 165 +Pn	11 43 23.7	-1.0
	Pg	11 43 34.0	-1.5
	Sn	11 44 09.2	-4.8
	Sg	11 44 26.3	-5.6
	SMN	M _L = 3.8	0.5 0.18
	SME		0.5 0.23
BTO	4.5 277 Pg	11 43 41.6	0.0
	Sg	11 44 41.4	-1.0
	SMN	M _L = 4.0	0.5 0.37
	SME		0.5 0.17
DL2	4.7 104 cPg	11 43 44.5	-0.5
	Sg	11 44 45.6	-3.2
	SMN	M _L = 3.7	0.8 0.12
	SME		0.8 0.11
SNY	6.1 72 cPg	11 44 12.3	2.4
	Sg	11 45 33.9	1.0
	SMN	M _L = 4.2	1.3 0.22
	SME		1.3 0.11
XAN	8.3 224 cP	11 44 21.8	-2.5

1985 11 21

O = 12 08 46.9 ± 0.03s
 LAT = 40.04 N ± 0.30km
 LONG = 115.90 E ± 0.29km
 DEPTH = 19 km ± 0.13km
 STATIONS USED = 8, STAND DEV = 1.15s

M _L = 3.1 / 7,			
BJI	0.2 89 +iPg	12 08 51.0	-0.7
	Sg	12 08 55.0	-0.5
	SMN	M _L = 3.6	0.5 10.0
	SME		0.5 7.29
TIA	3.9 165 cPn	12 09 46.9	0.1
	Pg	12 09 56.9	0.4
	Sn	12 10 32.1	-2.3
	Sg	12 10 49.4	-0.9
	SMN	M _L = 2.9	0.5 0.030
	SME		0.5 0.020

1985 11 21

O = 13 14 31.8 ± 0.17s
 LAT = 27.77 N ± 2.64km
 LONG = 140.92 E ± 3.21km
 DEPTH = 39 km ± 0.71km
 STATIONS USED = 17, STAND DEV = 2.84s

M _s = 4.2 / 2,			
NJ2	19.6 288 +P	13 19 00.6	0.9

TIA	21.8	299	eP	13 19 20.1	-2.8		
			eS	13 23 26.0	9.2		
			LN			$M_s=4.3$	12.5 0.50
BJI	23.8	307	eP	13 19 39.5	-2.9		
			eS	13 23 48.0	-4.5		
			LN			$M_s=4.2$	13.0 0.31
TIY	25.8	300	eP	13 20 01.0	-0.9		
XAN	28.1	291	eP	13 20 20.2	-2.2		
CD2	32.5	285	P	13 21 02.0	0.9		
GTA	35.9	300	P	13 21 28.7	-1.9		

1985 11 21

O = 13 26 07.2 ± 0.07s
 LAT = 28.01 N ± 0.77km
 LONG = 140.97 E ± 0.99km
 DEPTH = 39 km ± 0.33km
 STATIONS USED = 18, STAND DEV = 0.81s

 $m_B = 5.0 / 1$

NJ2	19.6	287	eP	13 30 35.3	0.5		
TIA	21.8	298	P	13 30 57.8	0.2		
WHN	23.3	283	eP	13 31 14.0	0.8		
			eS	13 35 20.0	0.5		
			SME			$m_B = 5.0$	10.0 0.44
TIY	25.8	299	P	13 31 36.0	-0.6		
XAN	28.0	290	eP	13 31 56.4	-1.1		
GYA	30.5	275	eP	13 32 18.6	-0.7		
CD2	32.4	284	eP	13 32 35.5	-0.9		
GTA	35.8	299	P	13 33 05.0	-0.4		

1985 11 21

O = 17 38 11.4 ± 0.16s
 LAT = 28.23 N ± 3.14km
 LONG = 140.92 E ± 2.93km
 DEPTH = 29 km ± 1.47km
 STATIONS USED = 16, STAND DEV = 2.32s

 $M_s = 4.3 / 6,$ $m_B = 5.1 / 4$

SSE	17.4	284	eP	17 42 16.0	2.2		
			csS	17 45 34.0	-1.9		
MDJ	18.7	334	eP	17 42 26.0	-4.0		
DL2	19.2	309	eP	17 42 37.0	0.5		
			S	17 46 08.0	2.0		
NJ2	19.5	287	+P	17 42 40.0	1.2		
			PMZ			$m_B = 5.0$	5.0 0.40
			S	17 46 17.0	6.3		
			LE			$M_s = 4.3$	10.0 0.50
SNY	19.6	318	eP	17 42 41.0	0.7		
			eS	17 46 16.0	1.4		
			LE			$M_s = 4.0$	12.0 0.29
CN2	19.9	325	-P	17 42 43.0	-0.7		
			LN			$M_s = 4.3$	10.0 0.40

TIA	21.6	298	eP	17 42 59.8	-1.6		
			eS	17 46 57.0	2.5		
			LE			$M_s = 4.4$	9.0 0.42
WHN	23.3	282	eP	17 43 16.0	-1.6		
			PMZ			$m_B = 5.3$	5.0 0.61
			S	17 47 32.0	8.5		
			SMN			$m_B = 5.2$	7.0 0.57
			LN			$M_s = 4.4$	11.0 0.43
BJI	23.5	306	eP	17 43 17.0	-3.5		
			eS	17 47 23.5	-5.9		
			SMN			$m_B = 5.0$	7.0 0.28
			SME				6.0 0.18
TIY	25.6	299	eP	17 43 39.8	-0.7		
			S	17 48 11.0	7.2		
			LE			$M_s = 3.9$	10.0 0.12
BTO	28.2	304	eP	17 44 08.0	4.0		
			eS	17 48 51.5	5.1		

1985 11 21

O = 18 35 49.0 ± 0.05s
 LAT = 44.48 N ± 1.45km
 LONG = 142.58 E ± 1.03km
 DEPTH = 221 km ± 0.86km

STATIONS USED = 60, STAND DEV = 1.16s

MDJ	9.3	275	eP	18 38 00.5	0.8		
CN2	12.3	273	eP	18 38 38.3	-0.3		
SNY	14.1	266	eP	18 39 02.3	1.4		
BJI	20.0	266	eP	18 40 05.5	-1.0		
TIA	21.0	256	P	18 40 16.1	-0.5		
SSE	21.5	239	eP	18 40 18.5	-2.4		
			PP	18 40 53.6	-3.6		
			eS	18 43 57.5	-3.1		
NJ2	22.3	244	+P	18 40 29.2	0.3		
TIY	23.6	264	eP	18 40 42.2	0.5		
			S	18 44 46.0	9.4		
BTO	24.2	272	eP	18 40 46.0	-1.3		
			cpP	18 41 25.0	-3.8		
			eS	18 44 45.0	-2.6		
WHN	26.2	248	-P	18 41 05.5	-0.1		
QZH	27.6	233	+P	18 41 19.0	1.2		
LZH	30.5	268	eP	18 41 44.0	0.0		
GTA	31.9	276	P	18 41 57.3	0.7		
			PcP	18 44 43.0	2.2		
GZH	32.1	238	+P	18 41 57.5	0.0		
CD2	33.3	259	eP	18 42 07.6	-0.2		
GYA	34.0	250	-P	18 42 13.6	-0.5		
			pP	18 42 56.0	-2.9		
			sP	18 43 19.6	-4.4		
			PcP	18 44 48.0	1.5		
			S	18 47 17.0	-4.6		

November, 1985

QZN	37.3	238	P	18 42 42.7	1.2
KMI	37.5	252	-iP	18 42 44.0	0.0
WMQ	38.8	289	P	18 42 54.8	0.7

1985 11 21

O = 18 44 23.4 ± 0.30s
 LAT = 20.80 S ± 2.82km
 LONG = 177.87 W ± 3.53km
 DEPTH = 518 km ± 2.20km

STATIONS USED = 95, STAND DEV = 2.22s

QZH	76.7	303	-P	18 55 22.6	-0.1
SSE	78.0	310	P	18 55 29.4	-0.3
			PMZ		0.8 0.030
GZH	80.0	299	-iP	18 55 41.0	0.8
NJ2	80.2	310	-P	18 55 41.7	0.5
MDJ	80.8	325	-iP	18 55 45.5	0.7
QZN	81.1	294	cP	18 55 46.5	0.4
DL2	82.0	317	cP	18 55 50.0	-0.8
SNY	82.5	320	-iP	18 55 53.0	-0.3
CN2	82.6	322	-iP	18 55 53.3	-0.5
WHN	82.7	306	-P	18 55 54.5	0.2
TIA	83.6	312	P	18 55 59.0	0.4
BJI	86.2	315	cP	18 56 11.0	-0.3
GYA	86.9	300	-P	18 56 16.0	1.2
TIY	87.6	312	cP	18 56 18.1	0.2
XAN	88.4	307	-iP	18 56 22.4	0.6
KMI	89.6	297	-P	18 56 28.5	1.0
HHC	89.6	314	+P	18 56 25.7	-2.0
BTO	90.6	314	cP	18 56 31.4	-0.5
LZH	93.0	307	cP	18 56 43.5	0.1
GTA	97.3	309	-P	18 57 02.8	0.3

1985 11 21

O = 21 57 14.2 ± 0.12s
 LAT = 41.79 N ± 2.36km
 LONG = 19.59 E ± 1.91km
 DEPTH = 23 km ± 0.29km

STATIONS USED = 131, STAND DEV = 1.64s

Ms = 5.6 / 19,

KSH	42.2	74	+P	22 05 06.6	-1.3
			sP	22 05 17.1	-1.5
			cS	22 11 30.0	3.0
			LN	Ms = 5.8	11.0 4.15
WMQ	48.7	63	+iP	22 06 00.0	0.4
			PP	22 07 59.6	7.9
			S	22 13 06.0	7.1
			LE	Ms = 5.9	11.0 4.22
LSA	57.8	77	+P	22 07 04.5	-2.7
GTA	58.8	63	+iP	22 07 15.6	1.7
			cS	22 15 19.0	2.3

			LE	Ms = 5.5	13.0 1.59
LZH	63.3	64	+P	22 07 44.5	0.3
			PMZ		2.0 0.43
			pP	22 07 49.5	-2.2
			LN	Ms = 5.5	11.0 1.25
BTO	64.8	57	+iP	22 07 53.0	-1.1
			pP	22 08 01.0	-0.7
			S	22 16 29.0	-2.0
			sS	22 16 39.0	-6.0
			LN	Ms = 5.5	13.0 0.70
			LE		13.0 1.00
HHC	65.6	56	-P	22 07 57.5	-1.9
			LN	Ms = 6.3	4.0 1.40
			LE		5.1 2.56
CD2	66.1	69	+iP	22 08 03.0	0.3
			PMZ		3.0 0.70
			cS	22 16 51.0	2.1
			LN	Ms = 5.6	12.0 1.11
			LE		12.0 0.94
XAN	67.8	64	+iP	22 08 13.4	-0.2
			cS	22 17 06.0	-3.6
			LE	Ms = 5.5	11.0 0.90
TIY	68.0	59	cP	22 08 13.8	-0.6
			S	22 17 15.5	5.8
			LN	Ms = 5.5	13.0 0.82
			LE		14.0 0.73
KMI	68.8	75	+P	22 08 19.5	-0.4
			pP	22 08 28.0	0.7
			S	22 17 22.0	2.1
			ScS	22 18 10.0	-3.9
			LZ	Ms = 5.4	20.0 1.42
GYA	70.8	71	+P	22 08 31.4	-0.6
			PMZ		1.4 0.14
			sP	22 08 42.0	-0.9
			PP	22 11 11.0	0.9
			S	22 17 44.0	0.7
			LE	Ms = 5.6	18.0 2.00
TIA	71.9	58	+P	22 08 38.0	-0.1
			LN	Ms = 5.7	13.0 0.49
			LE		13.0 1.69
CN2	71.9	47	+iP	22 08 38.0	-0.6
			PMZ		3.0 0.80
			sP	22 08 49.5	0.0
			cS	22 17 55.0	-2.7
			LZ	Ms = 6.1	16.0 5.50
SNY	72.2	50	+iP	22 08 39.0	-1.0
			pP	22 08 48.0	0.4
			sP	22 08 51.0	0.1
			cS	22 18 00.0	-0.4
			LN	Ms = 5.9	15.0 1.78

WHN	73.6	64	cP	22 08 47.5	-0.9	16.0	2.75	BJI	69.2	55	cP	23 27 31.0	0.4
			sP	22 08 57.5	-1.9			GYA	71.1	71	P	23 27 40.2	-2.2
			iPcP	22 08 58.8	-4.8			CN2	72.2	47	+P	23 27 49.0	0.1
MDJ	73.6	44	+P	22 08 48.2	-0.3	15.0	1.43	1985 11 22					
			pP	22 08 55.0	-1.1			O=04 09 55.9				± 0.11s	
			PP	22 11 34.0	0.6			LAT=27.09 N				± 2.39km	
			eS	22 18 18.0	1.3			LONG=66.39 E				± 1.83km	
			SKS	22 18 48.0	0.1			DEPTH=24 km				± 0.49km	
			PS	22 18 54.0				STATIONS USED = 53, STAND DEV = 2.28s					
			LZ	Ms=6.2		15.0	6.63	Ms=4.4 / 3,					
NJ2	75.6	60	+P	22 08 59.0	-1.0			KSH	14.7	31	P	04 13 25.1	0.4
			eS	22 18 41.0	2.0						cS	04 16 04.1	-3.9
			LE	Ms=5.5		13.0	0.90				LN	Ms=4.9	11.0 3.23
GZH	77.7	70	P	22 09 12.5	1.0			LSA	21.9	77	cP	04 14 48.2	-2.1
SSE	77.7	59	cP	22 09 11.7	-0.3						LN	Ms=4.4	10.0 0.46
			cPP	22 12 08.0	-0.4			WMQ	24.0	40	P	04 15 12.0	2.0
			eS	22 19 00.0	-2.3						sP	04 15 25.5	4.7
			eSS	22 24 04.0	0.3						S	04 19 26.5	4.8
			LE	Ms=5.5		18.0	1.43				LZ	Ms=4.4	16.0 0.63
QZN	77.8	75	+P	22 09 12.0	-0.1			GTA	30.4	58	P	04 16 12.0	3.2
QZH	80.1	66	+P	22 09 23.7	-1.0			KMI	32.6	85	cP	04 16 29.0	0.2
			eS	22 19 22.0	-5.0			CD2	32.8	74	P	04 16 29.5	-0.7
			LE	Ms=5.4		14.0	0.71	GYA	35.9	82	P	04 16 59.2	2.7
1985 11 21								XAN	37.1	69	cP	04 17 05.5	-1.1
O=22 38 02.3 ± 0.07s								BTO	38.3	58	cP	04 17 19.0	2.2
LAT=4.28 S ± 0.98km								WHN	41.9	74	cP	04 17 45.5	-1.3
LONG=152.88 E ± 1.12km								TIA	43.7	65	cP	04 18 02.5	1.0
DEPTH=47 km ± 0.37km								NJ2	45.5	71	cP	04 18 19.0	2.9
STATIONS USED = 24, STAND DEV = 1.22s								1985 11 22					
CN2	53.9	336	cP	22 47 21.0	-2.4			O=05 30 38.7				± 0.13s	
XAN	56.3	316	cP	22 47 41.3	0.1			LAT=28.41 N				± 1.99km	
CD2	58.5	310	cP	22 47 57.8	1.4			LONG=140.68 E				± 2.43km	
GTA	65.3	317	P	22 48 43.7	1.1			DEPTH=31 km				± 0.60km	
1985 11 21								STATIONS USED = 34, STAND DEV = 1.95s					
O=23 16 25.5 ± 0.14s								Ms=4.3 / 8, m _B =5.4 / 9					
LAT=41.66 N ± 1.53km								SSE	17.1	284	+P	05 34 39.0	1.4
LONG=19.33 E ± 0.98km											PMZ	m _B =5.3	6.0 0.90
DEPTH=39 km ± 0.63km											cS	05 37 47.0	1.1
STATIONS USED = 51, STAND DEV = 1.21s											csS	05 37 52.0	-5.4
WMQ	48.9	63	+P	23 25 10.9	0.4						cSS	05 38 08.0	1.5
GTA	59.0	63	+iP	23 26 25.2	0.6						LN	Ms=4.3	7.0 0.39
BTO	65.0	57	cP	23 27 04.6	-0.1			MDJ	18.4	334	cP	05 34 48.0	-5.8
HHC	65.8	56	-P	23 27 08.2	-1.8						LZ	Ms=4.3	16.0 0.75
CD2	66.4	69	cP	23 27 13.4	0.2			NJ2	19.2	286	-P	05 35 01.5	-1.4
XAN	68.1	64	+P	23 27 24.2	0.2						PMZ	m _B =5.5	6.0 1.50
KMI	69.0	75	-P	23 27 30.0	-0.2						SS	05 38 51.0	-6.9
											LE	Ms=4.1	10.0 0.30
								SNY	19.3	318	+P	05 35 06.0	1.8

			eS	05 38 37.0	1.9				PMZ	$m_B = 6.1$			
			LE	$M_s = 4.2$	12.0	0.48			pP	08 53 56.0	1.6		
CN2	19.6	326	-P	05 35 04.0	-3.7				PP	08 55 30.0	0.2		
			LE	$M_s = 4.3$	10.0	0.50			eS	09 00 20.0	-1.8		
QZH	20.0	265	-P	05 35 11.5	-0.6				ScS	09 03 33.0	1.7		
			SME	$m_B = 5.4$	6.0	0.86			LN	$M_s = 6.3$	26.0	14.3	
TIA	21.3	297	cP	05 35 27.1	1.5				LE		24.0	20.5	
WHN	23.0	282	cP	05 35 44.0	1.8			QZN	46.3	303	+P	08 53 47.0	-0.3
			PMZ	$m_B = 5.7$	5.0	1.53			PP	08 55 45.0	9.6		
			SME	$m_B = 5.3$	9.0	0.85			PPMZ		7.0	0.80	
			LN	$M_s = 4.5$	10.0	0.40			S	09 00 29.0	0.1		
			LE		12.0	0.52			sS	09 00 49.0	-0.7		
BJI	23.3	306	cP	05 35 44.0	-0.7				LN	$M_s = 5.6$	19.0	3.50	
			PMZ	$m_B = 5.1$	6.0	0.53			LE		19.0	2.40	
			eS	05 40 00.0	8.7			NJ2	47.7	324	+iP	08 54 00.0	1.1
			SMN	$m_B = 5.3$	7.0	0.39			PMZ	$m_B = 6.1$	6.0	1.70	
			SME		9.0	0.58			pP	08 54 13.0	2.5		
TIY	25.3	299	cP	05 36 05.8	0.9				S	09 00 52.5	2.6		
			PMZ	$m_B = 5.8$	5.0	1.39			SMN	$m_B = 5.5$	11.0	0.70	
			LE	$M_s = 4.2$	13.0	0.31			LN	$M_s = 5.7$	21.0	5.40	
XAN	27.7	290	cP	05 36 26.8	0.5			WHN	49.5	319	cP	08 54 11.0	-1.3
BTO	27.9	304	+P	05 36 28.0	-0.5				PMZ	$m_B = 5.9$	8.0	1.34	
			eS	05 41 02.0	-6.7				sP	08 54 29.0	0.3		
CD2	32.1	284	P	05 37 06.6	0.9				iPP	08 56 10.0	3.8		
GTA	35.4	299	P	05 37 33.4	-0.7				iS	09 01 20.0	4.9		
			LN	$M_s = 4.4$	11.0	0.24			SMN	$m_B = 5.7$	10.0	0.97	
LSA	43.0	284	cP	05 38 37.0	-1.3				LN	$M_s = 5.9$	20.0	5.26	
			PMZ	$m_B = 5.5$	5.5	0.42			LE		20.0	6.65	
			S	05 44 52.7	-7.7			DL2	51.5	332	cP	08 54 28.0	-0.1
WMQ	44.7	305	P	05 38 52.0	0.5				csP	08 54 46.0	1.4		
									cS	09 01 44.0	0.1		
									LN	$M_s = 6.0$	18.0	4.43	
									LE		20.0	7.37	
								TIA	51.7	327	cP	08 54 28.5	-1.2
									S	09 01 41.0	-4.6		
									LN	$M_s = 6.0$	20.0	3.30	
									LE		19.0	8.13	
								GYA	52.5	310	+P	08 54 36.0	0.5
									sP	08 54 48.0	-3.9		
									PP	08 56 43.0	8.3		
									S	09 02 00.0	3.9		
									PS	09 02 21.0			
									LN	$M_s = 5.7$	18.0	2.80	
									LE		18.0	3.00	
								SNY	53.1	336	+iP	08 54 40.0	0.3
									PMZ	$m_B = 6.3$	5.0	1.94	
									pP	08 54 54.0	2.6		
									PP	08 56 42.0	1.7		
									S	09 02 04.0	0.0		
									cSS	09 05 41.0	-1.6		

1985 11 22

O = 08 45 24.1 ± 0.12s

LAT = 5.93 S ± 1.76km

LONG = 149.47 E ± 2.19km

DEPTH = 45 km ± 0.57km

STATIONS USED = 130, STAND DEV = 1.84s

$M_s = 5.9 / 25,$

$m_B = 5.9 / 17$

QZH	43.0	317	+P	08 53 22.0	1.2		
			PP	08 55 09.0	6.0		
			S	08 59 42.0	0.6		
			LN	$M_s = 5.9$	21.0	11.1	
GZH	45.6	311	+P	08 53 43.0	0.9		
			sP	08 54 00.0	1.5		
			cS	09 00 22.0	1.5		
			sS	09 00 45.0	4.8		
			SMN	$m_B = 6.4$	12.0	4.17	
			SME		12.0	5.63	
			LE	$M_s = 5.6$	34.0	7.81	
SSE	45.7	325	+P	08 53 43.0	0.2		

			iLG ₂	22 35 42.0	-3.6					LE	Ms=4.8	12.0	
			LN		Ms=5.1	12.0	6.65	LSA	28.5 291	cP	22 35 57.0	-0.2	
			LE			11.0	7.06	WMQ	35.3 315	cP	22 36 56.0	-0.2	
QZN	11.9	255	cP	22 32 49.8	-2.3								
			eS	22 35 01.8	-3.5								
			LN		Ms=4.5	14.0	1.60						
			LE			14.0	1.60						
TIA	14.2	344	cP	22 33 22.4	-0.2								
XAN	16.2	318	cP	22 33 48.8	0.5								
			eS	22 36 46.0	-1.1								
			SS	22 37 05.0	-0.6								
			LN		Ms=5.1	12.0	3.50	DL2	0.4 81	-iPg	00 47 21.9	-1.2	
			LE			14.0	3.01			Sg	00 47 26.6	-3.0	
DL2	16.3	359	cP	22 33 54.0	4.8					SMN	Ms=4.4	0.2	28.5
			LE		Ms=4.7	15.0	2.16			SME		0.2	31.1
TIY	17.2	333	P	22 34 03.0	2.2			SNY	3.5 31	cPn	00 48 09.2	1.8	
			LN		Ms=5.0	12.0	1.59			Pg	00 48 17.6	0.8	
			LE			13.0	3.29			Sg	00 49 03.6	-1.2	
KMI	17.8	282	+P	22 34 12.7	3.9					LN	Ms=3.9	7.0	1.94
			LE		Ms=4.6	13.0	1.35			LE		8.0	1.77
BJI	18.1	345	cP	22 34 14.0	2.0			BJI	4.0 289	cPn	00 48 15.0	0.2	
			eS	22 37 37.0	6.7					cSn	00 48 57.0	-5.7	
			SMN		m _B =4.8	9.0	0.28			cSg	00 49 20.0	-1.8	
			SME			10.0	0.36			SMN	Ms=4.5	0.5	0.99
			LN		Ms=4.8	11.0	1.12			SME		0.5	0.93
			LE			11.0	1.19	TIA	4.2 232	-Pn	00 48 15.8	-0.6	
CD2	18.3	301	cP	22 34 16.6	2.3					Pg	00 48 30.2	1.9	
			eS	22 37 34.0	-0.5					Sn	00 49 02.7	-2.7	
			LN		Ms=5.1	8.5	2.08			Sg	00 49 20.2	-5.1	
			LE			7.0	1.65			SMN	Ms=4.0	1.0	0.24
SNY	19.2	4	cP	22 34 25.9	0.1					SME		1.0	0.31
			eS	22 38 01.0	5.0			CN2	5.9 32	Pn	00 48 44.6	4.2	
			LE		Ms=4.8	15.0	2.45			Pg	00 49 02.2	3.1	
HHC	20.2	337	P	22 34 36.0	-0.9					cSn	00 49 42.0	-6.7	
BTO	20.6	333	cP	22 34 39.0	-2.0					Sg	00 50 12.0	-7.9	
			S	22 38 19.0	-5.6			TIY	7.0 263	cPn	00 49 01.0	5.9	
			LN		Ms=5.0	13.0	1.90			LN	Ms=3.5	12.0	0.29
			LE			13.0	2.00			LE		12.0	0.41
LZH	20.7	314	cP	22 34 42.5	0.3			NJ2	7.0 196	cPn	00 48 58.0	1.9	
			PMZ			2.5	0.21			LE	Ms=4.0	7.0	0.90
			eS	22 38 25.0	-2.8			SSE	7.7 180	cPn	00 49 14.5	8.9	
			LE		Ms=5.0	9.0	1.70			LG ₁	00 51 14.3	-3.5	
CN2	21.3	7	+P	22 34 46.0	-2.3					LG ₂	00 51 30.0	-0.1	
			eS	22 38 33.0	-6.4					SMN	Ms=4.1	1.0	0.030
			LZ		Ms=4.8	16.0	2.00			SME		1.0	0.080
MDJ	22.8	14	cP	22 35 03.5	0.3			WHN	10.0 216	cP	00 49 38.0	-1.4	
			eS	22 39 10.0	3.2					LG ₁	00 52 24.5	-4.5	
			LZ		Ms=5.1	4.0	0.90			LN	Ms=4.6	4.0	1.09
GTA	25.2	317	P	22 35 28.5	1.8			XAN	11.0 248	cP	00 49 48.6	-4.1	
			eS	22 39 51.0	2.3			GTA	16.6 279	cP	00 51 07.3	0.6	

November, 1985

1985 11 23

O = 19 23 01.3 ± 0.18s
 LAT = 28.20 N ± 2.14km
 LONG = 140.51 E ± 3.13km
 DEPTH = 30 km ± 0.43km
 STATIONS USED = 12, STAND DEV = 2.79s
 m_B = 5.0 / 1

DL2	19.0	309	cP	19 27 24.0	0.8
CN2	19.7	326	cP	19 27 27.0	-4.4
BJ1	23.3	307	cP	19 28 05.0	-2.5
			cS	19 32 21.0	6.9
			SMN	m _B = 5.0	6.0 0.28
			SME		8.0 0.17
TIY	25.3	299	cP	19 28 27.5	0.2
			PP	19 29 04.0	-1.6
HHC	26.8	306	cP	19 28 40.0	-1.6
BTO	27.9	304	cP	19 28 55.0	3.9
GTA	35.3	299	cP	19 29 55.7	-0.8

1985 11 23

O = 19 31 58.9 ± 0.11s
 LAT = 33.49 N ± 2.31km
 LONG = 48.91 E ± 1.59km
 DEPTH = 43 km ± 0.22km
 STATIONS USED = 30, STAND DEV = 1.90s

KSH	22.5	67	cP	19 36 57.0	0.4
WMQ	31.7	60	P	19 38 21.6	0.0
GTA	40.9	67	cP	19 39 39.2	-0.2
CD2	46.0	78	P	19 40 21.1	0.4
BTO	48.4	63	cP	19 40 39.3	-0.3
XAN	49.2	72	cP	19 40 44.7	-1.0
HHC	49.5	62	cP	19 40 46.6	-1.4
GYA	50.0	82	P	19 40 50.4	-1.1
NJ2	57.8	71	cP	19 41 48.2	-0.3

1985 11 24

O = 00 14 57.0 ± 0.11s
 LAT = 33.70 N ± 1.35km
 LONG = 96.58 E ± 1.34km
 DEPTH = 32 km ± 0.09km
 STATIONS USED = 35, STAND DEV = 2.88s
 M_S = 4.3 / 7,

LSA	6.1	231	cPn	00 16 28.4	2.5
			cSn	00 17 34.5	-1.5
			LN	M _S = 4.0	10.0 1.44
GTA	6.3	24	Pn	00 16 27.8	-0.1
			LN	M _S = 3.7	8.0 0.64
LZH	6.4	66	cPn	00 16 35.5	5.4
			LN	M _S = 4.3	10.0 3.22
CD2	6.7	113	cPn	00 16 36.0	2.6

KMI	10.1	146	cP	00 17 20.0	-3.1
XAN	10.3	85	cP	00 17 27.4	2.0
			LN	M _S = 4.3	10.0 1.05
			LE		10.0 0.67
GYA	11.3	127	P	00 17 37.0	-2.9
WMQ	12.2	328	P	00 17 48.6	-3.8
			cS	00 20 06.0	-3.0
			LE	M _S = 4.4	8.0 1.05
KSH	17.5	295	-P	00 19 04.1	3.6
			LE	M _S = 4.4	12.0 0.80
SNY	22.8	61	cP	00 19 55.1	-2.9
CN2	24.6	57	cP	00 20 19.8	4.4

1985 11 24

O = 00 36 35.0 ± 0.09s
 LAT = 24.09 N ± 1.43km
 LONG = 122.31 E ± 0.96km
 DEPTH = 45 km ± 0.99km
 STATIONS USED = 55, STAND DEV = 1.76s
 M_S = 3.9 / 6, M_L = 4.2 / 5,

QZH	3.5	285	-P	00 37 27.6	-0.8
			S	00 38 06.0	-1.9
			SMN	M _L = 3.9	0.2 0.39
			SME		0.2 0.23
			LN	M _S = 3.7	4.0 0.86
SSE	7.1	352	+P	00 38 16.2	-2.2
			LE	M _S = 3.8	14.0 1.18
GZH	8.3	265	cP	00 38 35.2	-0.3
			S	00 40 00.7	-7.0
			LN		3.0 1.28
NJ2	8.5	340	-P	00 38 35.6	-2.9
			S	00 40 06.2	-6.9
			LN	M _S = 3.8	13.0 0.70
WHN	9.6	314	cP	00 38 58.5	5.4
			cS	00 40 46.0	6.4
			LN	M _S = 3.9	9.0 0.51
QZN	12.6	249	cP	00 39 36.4	1.5
			cS	00 41 53.3	-1.3
GYA	14.4	283	P	00 39 58.8	1.3
			S	00 42 35.8	0.9
XAN	15.3	313	cP	00 40 14.2	4.1
TIY	16.0	330	P	00 40 20.5	1.8
BJ1	16.7	343	cP	00 40 31.0	3.2
SNY	17.7	3	cP	00 40 41.3	1.0
CD2	17.8	297	cP	00 40 41.6	0.3
HHC	19.0	334	P	00 40 57.0	1.1
BTO	19.4	331	cP	00 40 57.5	-3.2
			LN	M _S = 4.4	14.0 0.70
			LE		14.0 0.40
CN2	19.8	7	cP	00 41 03.5	-1.5

November, 1985

LZH	19.9	311	cP	00 41 06.0	-0.1
GTA	24.4	314	P	00 41 50.7	0.0
WMQ	34.5	313	P	00 43 20.6	-0.5

1985 11 24

O = 02 34 47.3 ± 0.07s
 LAT = 8.13 S ± 0.89km
 LONG = 158.74 E ± 1.22km
 DEPTH = 77 km ± 0.48km
 STATIONS USED = 26, STAND DEV = 1.17s

GYA	61.1	306	P	02 44 57.0	0.6
CD2	65.4	309	cP	02 45 24.7	0.2
GTA	72.1	316	P	02 46 07.9	1.7
WMQ	82.2	316	cP	02 47 02.3	0.1

1985 11 24

O = 06 26 45.2 ± 0.10s
 LAT = 34.34 N ± 2.28km
 LONG = 141.60 E ± 1.90km
 DEPTH = 32 km ± 0.40km
 STATIONS USED = 49, STAND DEV = 2.04s
 Ms = 4.8 / 8,

MDJ	13.8	322	cP	06 30 00.0	-1.2
CN2	15.7	312	cP	06 30 25.2	-0.4
SNY	16.0	303	cP	06 30 31.9	2.0
			LN	Ms = 4.5	12.0 0.87
			LE		14.0 1.05
BJI	21.0	293	cP	06 31 31.0	2.4
			LN	Ms = 4.6	14.0 0.91
			LE		13.0 0.49
WHN	23.3	268	-P	06 31 53.0	1.8
TIY	23.8	287	cP	06 31 58.5	2.3
			LN	Ms = 4.6	13.0 0.66
			LE		13.0 0.63
HHC	24.6	294	-P	06 32 04.3	0.2
BTO	25.7	293	cP	06 32 13.2	-1.8
			cS	06 36 33.0	-6.9
			LN	Ms = 4.9	15.0 1.30
			LE		15.0 0.90
XAN	27.0	279	-P	06 32 25.3	-1.0
			LE	Ms = 4.9	13.0 1.43
CD2	31.9	275	P	06 33 08.8	-1.8
			LN	Ms = 5.3	16.0 2.92
			LE		16.0 1.15
GTA	33.6	291	P	06 33 24.4	-0.7
			LN	Ms = 4.9	14.0 1.02
WMQ	42.2	300	P	06 34 38.8	1.1
			LN	Ms = 4.7	16.0 0.47

1985 11 24

O = 06 40 33.8 ± 0.09s
 LAT = 34.32 N ± 2.44km
 LONG = 141.64 E ± 1.85km
 DEPTH = 33 km ± 0.62km
 STATIONS USED = 43, STAND DEV = 2.00s
 Ms = 4.9 / 6,

MDJ	13.9	321	cP	06 43 48.0	-2.3
CN2	15.7	312	cP	06 44 15.0	0.4
			cS	06 47 08.0	0.0
			LZ	Ms = 4.7	16.0 2.50
SNY	16.1	303	cP	06 44 19.8	0.8
BJI	21.0	293	cP	06 45 18.0	0.5
			LN	Ms = 4.7	11.0 0.99
			LE		11.0 0.32
WHN	23.3	268	cP	06 45 40.5	0.5
HHC	24.6	294	cP	06 45 52.8	-0.2
BTO	25.8	293	cP	06 46 03.2	-0.7
			cS	06 50 30.0	1.1
			LN	Ms = 4.8	13.0 0.40
			LE		13.0 1.00
XAN	27.0	279	cP	06 46 13.5	-1.7
			LN	Ms = 5.0	15.0 1.00
			LE		14.0 1.67
GYA	31.1	265	cP	06 46 50.6	-0.9
			S	06 51 48.0	-4.4
			LN	Ms = 5.2	16.0 1.80
			LE		16.0 2.30
CD2	32.0	275	cP	06 46 57.2	-2.2
WMQ	42.3	300	P	06 48 28.0	1.5
			cS	06 54 47.5	2.4
			LN	Ms = 5.0	12.0 0.80

1985 11 24

O = 12 53 45.3 ± 0.15s
 LAT = 42.26 N ± 1.91km
 LONG = 18.78 E ± 1.54km
 DEPTH = 5 km ± 0.31km
 STATIONS USED = 46, STAND DEV = 1.65s

KSH	42.7	74	cP	13 01 47.0	1.8
WMQ	49.0	63	cP	13 02 35.5	-0.4
LSA	58.3	77	cP	13 03 41.5	-2.9
GTA	59.1	63	P	13 03 48.0	-2.0
LZH	63.6	64	cP	13 04 21.5	1.2
HHC	65.8	56	cP	13 04 35.0	0.2
CD2	66.5	69	cP	13 04 39.2	0.1
XAN	68.2	63	cP	13 04 49.0	-0.5
GYA	71.2	71	P	13 05 10.0	1.5
CN2	72.1	47	cP	13 05 12.8	-0.4
SNY	72.3	49	cP	13 05 14.6	-0.2

1985 11 24					
O=17 22 32.5			± 0.09s		
LAT=36.61 N			± 1.44km		
LONG= 54.54 E			± 1.36km		
DEPTH= 2 km			± 0.16km		
STATIONS USED = 10, STAND DEV = 1.45s					
KSH	17.1	74	cP	17 26 33.0	-2.0
WMQ	26.2	64	cP	17 28 11.1	0.4
CD2	41.0	83	P	17 30 20.3	1.6
KMI	42.5	92	+P	17 30 32.0	0.2
1985 11 24					
O=21 32 41.7			± 0.15s		
LAT=59.58 S			± 6.15km		
LONG= 25.12 W			± 4.69km		
DEPTH= 32 km			± 0.24km		
STATIONS USED = 27, STAND DEV = 3.51s					
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
1985 11 25					
O=08 47 32.4			± 0.18s		
LAT=28.24 N			± 2.84km		
LONG=140.65 E			± 3.14km		
DEPTH= 30 km			± 0.61km		
STATIONS USED = 15, STAND DEV = 3.33s					
Ms=4.2/ 4, m _B =5.2/ 6					
MDJ	18.6	335	cP	08 51 46.0	-3.4
NJ2	19.2	287	+P	08 51 59.0	1.9
			PMZ	m _B =5.4	6.0 1.10
			LN	Ms=3.9	10.0 0.20
SNY	19.4	319	(P)	08 52 06.0	6.8
			cS	08 55 39.0	7.6
			LE	Ms=4.3	12.0 0.60
CN2	19.8	326	P	08 51 57.0	-5.9
TIA	21.4	298	P	08 52 19.7	-0.3
			PMZ	m _B =5.3	6.0 0.79
			cS	08 56 19.3	8.2
			SME	m _B =4.9	9.0 0.42
			LE	Ms=4.3	9.0 0.36
WHN	23.0	282	P	08 52 38.0	1.9
			PMZ	m _B =5.2	5.0 0.57
			SME	m _B =5.1	10.0 0.66
BJI	23.4	307	cP	08 52 37.0	-2.3
			cS	08 56 54.0	7.4
			SME	m _B =5.0	9.0 0.41

TIY	25.4	299	cP	08 53 01.9	2.6
			LE	Ms=4.1	10.0 0.17
XAN	27.7	290	cP	08 53 19.0	-1.4

1985 11 25					
O=09 18 27.8			± 0.13s		
LAT=39.63 N			± 2.14km		
LONG= 74.49 E			± 0.90km		
DEPTH= 24 km			± 1.90km		
STATIONS USED = 8, STAND DEV = 3.95s					
M _L =4.1/ 3,					
KSH	1.2	98	+iPg	09 18 47.6	-1.2
			Sg	09 19 03.2	-1.6
			SMN	M _L =4.1	0.5 3.04
			SME		0.8 4.49
GTA	19.5	83	P	09 22 55.8	-0.9

1985 11 25					
O=16 26 30.3			± 0.15s		
LAT= 8.58 S			± 2.51km		
LONG=108.48 E			± 2.35km		
DEPTH= 69 km			± 0.19km		
STATIONS USED = 55, STAND DEV = 1.49s					

GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6
BTO	146.4	104	cPKP	21 52 19.0	-0.4
HHC	147.3	105	cPKP	21 52 23.6	2.6
GTA	140.4	95	cPKP	21 52 04.0	-5.0
XAN	140.7	110	cPKP	21 52 10.3	0.8
TIY	145.3	110	cPKP	21 52 16.2	-1.3
TIA	146.3	117	cPKP	21 52 20.7	1.6

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GTA	59.1	63	P	16 53 57.8	-0.6	BJI	18.1	340	cP	18 02 43.0	0.4				
LZH	63.6	64	cP	16 54 29.5	0.8				cS	18 05 57.0	-4.6				
HHC	65.9	56	cP	16 54 45.0	1.8				LN	$M_s=4.7$		11.5	1.61		
CD2	66.5	69	cP	16 54 48.0	0.5	SNY	18.6	359	cP	18 02 48.3	-1.0				
XAN	68.2	63	cP	16 54 58.2	0.3				cS	18 06 10.0	-3.7				
TIY	68.3	58	cP	16 54 54.4	-4.0				LN	$M_s=4.8$		14.0	1.18		
GYA	71.3	71	P	16 55 19.2	2.4				LE			12.0	1.74		
CN2	72.1	47	cP	16 55 21.2	-0.4	KMI	19.5	280	+P	18 03 00.0	0.1				
TIA	72.1	57	cP	16 55 22.0	0.0				PMZ	$m_B=5.0$		6.0	0.40		
									LN	$M_s=4.9$		12.0	2.30		

1985 11 25

O = 17 58 29.8 ± 0.09s
 LAT = 23.18 N ± 1.33km
 LONG = 123.98 E ± 1.42km
 DEPTH = 11 km ± 0.39km

STATIONS USED = 94, STAND DEV = 1.55s

$M_s=4.8/17$, $M_L=4.3/3$, $m_B=5.2/4$

QZH	5.2	291	Pn	17 59 48.2	0.0										
			Sn	18 00 42.8	-7.8										
			SMN	$M_L=4.3$	0.8	0.38									
			SME		1.0	0.27									
			LN	$M_s=4.6$	9.0	6.97									
			LE		9.0	2.55									
SSE	8.3	343	P	18 00 32.0	-0.6										
			cS	18 02 02.0	-4.8										
			LN	$M_s=4.6$	10.0	3.86									
NJ2	9.9	334	-P	18 00 54.4	-1.4										
			S	18 02 43.7	-4.4										
			LE	$M_s=4.8$	8.0	3.50									
WHN	11.3	313	cP	18 01 14.5	0.1										
			S	18 03 29.1	7.8										
			LG ₁	18 04 27.6	3.0										
			LN	$M_s=5.1$	10.0	4.25									
			LE		8.0	4.38									
TIA	14.3	337	cP	18 01 56.1	1.8										
			PMZ	$m_B=5.5$	8.0	0.79									
			SME	$m_B=4.6$	8.0	0.30									
			LN	$M_s=4.6$	11.0	0.67									
			LE		11.0	1.60									
DL2	15.8	353	cP	18 02 18.0	3.8										
			cS	18 05 14.0	4.3										
			LN	$M_s=5.1$	12.0	4.69									
XAN	17.1	313	+iP	18 02 33.4	3.2										
			cS	18 05 43.0	4.0										
			LN	$M_s=4.8$	10.0	1.26									
			LE		11.0	1.62									
TIY	17.6	328	-P	18 02 39.4	3.0										
			S	18 05 53.0	3.6										
			LN	$M_s=5.0$	9.0	2.23									
			LE		9.0	0.13									

CD2	19.6	298	cP	18 03 01.1	0.4										
			PMZ	$m_B=5.5$	6.0	1.40									
			cS	18 06 31.0	-4.9										
			LN	$M_s=5.3$	8.0	2.75									
			LE		7.0	2.40									
CN2	20.6	3	+iP	18 03 10.2	-1.6										
			PMZ		3.0	0.50									
			cS	18 06 49.0	-8.2										
			LZ	$M_s=4.9$	12.0	2.20									
BTO	21.0	329	cP	18 03 15.5	-0.4										
			cPP	18 03 35.0	-2.8										
			cS	18 06 57.0	-7.8										
			LN	$M_s=4.9$	11.0	1.50									
			LE		14.0	0.90									
LZH	21.7	311	+P	18 03 21.0	-1.9										
			PMZ		1.6	0.13									
			cS	18 07 22.0	4.0										
			LN	$M_s=4.8$	10.0	1.12									
MDJ	21.9	11	cP	18 03 23.0	-1.8										
GTA	26.1	314	+P	18 04 05.8	-0.2										
			LE	$M_s=5.0$	11.0	1.51									
LSA	30.0	290	cP	18 04 41.9	0.1										
			LE	$M_s=4.7$	10.0	0.59									
WMQ	36.2	314	P	18 05 35.6	0.6										
KSH	43.6	303	cP	18 06 39.1	2.9										
			cPP	18 08 22.1	3.2										

1985 11 25

O = 19 21 07.7 ± 0.15s
 LAT = 11.74 S ± 2.42km
 LONG = 163.30 E ± 2.79km
 DEPTH = 37 km ± 0.64km

STATIONS USED = 30, STAND DEV = 2.42s

MDJ	63.9	334	cP	19 31 40.0	0.5										
CN2	65.1	331	P	19 31 47.2	-0.5										
BJI	67.5	322	cP	19 32 03.5	0.6										
XAN	68.8	314	cP	19 32 11.2	0.1										
HHC	70.8	321	P	19 32 25.5	2.1										
CD2	71.1	308	cP	19 32 21.9	-3.2										
BTO	71.7	320	cP	19 32 28.4	0.1										

LZH	73.5	313	eP	19 32 41.5	2.4
GTA	77.8	315	+iP	19 33 06.3	2.3

GZH	21.7	324	eP	20 46 49.5	-2.3
SSE	25.8	348	P	20 47 32.0	0.7
			S	20 51 58.0	5.4
			sS	20 52 28.0	4.6
			LN	Ms=4.5	20.0 0.90

1985 11 25

O=20 41 47.1 ± 0.18s
 LAT=28.19 N ± 4.65km
 LONG=141.17 E ± 6.80km
 DEPTH= 32 km ± 5.26km
 STATIONS USED = 24, STAND DEV= 2.69s
 Ms=4.3/ 5, m_B=5.0/ 5

SSE	17.6	284	eP	20 45 52.0	0.1
MDJ	18.8	334	eP	20 46 04.0	-2.9
DL2	19.4	308	P	20 46 13.0	-0.9
			eS	20 49 50.0	3.8
NJ2	19.7	287	+P	20 46 18.5	2.0
			PMZ	m _B =5.5	5.0 1.20
			LE	Ms=4.1	10.0 0.30
CN2	20.1	325	eP	20 46 17.0	-3.7
			eS	20 49 50.0	-9.7
			LE	Ms=4.4	10.0 0.60
QZH	20.4	266	-P	20 46 25.0	0.3
			LE	Ms=4.3	22.0 1.02
TIA	21.8	298	eP	20 46 39.3	0.5
			PMZ	m _B =5.3	6.0 0.79
			eS	20 50 32.0	-1.5
			SME	m _B =4.9	8.0 0.30
BJI	23.7	306	eP	20 47 00.0	2.3
			PMZ	m _B =4.9	6.0 0.32
			SME	m _B =5.0	9.0 0.41
TIY	25.8	299	eP	20 47 14.2	-3.6
			S	20 51 52.0	9.7
			LE	Ms=4.2	11.0 0.25
HHC	27.3	305	eP	20 47 30.0	-1.6
BTO	28.4	304	eP	20 47 39.0	-2.1
			eS	20 52 26.0	1.3
GYA	30.6	275	P	20 48 02.0	0.7
CD2	32.6	284	P	20 48 16.0	-2.1
			eS	20 53 38.0	7.4
			LZ	Ms=4.9	22.0 1.84
GTA	35.9	299	eP	20 48 45.0	-1.5
LSA	43.5	285	eP	20 49 45.3	-5.1

1985 11 25

O=20 42 05.0 ± 0.13s
 LAT= 5.71 N ± 1.96km
 LONG=127.04 E ± 2.92km
 DEPTH= 76 km ± 1.30km
 STATIONS USED = 50, STAND DEV= 2.45s
 Ms=4.7/ 2,

QZN	21.4	310	eP	20 46 52.0	4.0
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KMI	30.2	312	+P	20 48 11.0	-0.4
TIY	34.5	339	eP	20 48 47.1	-1.3
BJI	35.5	346	eP	20 48 58.0	1.0
LZH	37.0	328	eP	20 49 08.5	-0.8
			PMZ		2.0 0.090
HHC	37.6	341	eP	20 49 14.6	-0.1
CN2	38.0	358	eP	20 49 16.0	-1.3
MDJ	38.8	3	eP	20 49 23.5	-0.9
LSA	41.4	310	eP	20 49 45.3	-0.9
GTA	41.6	328	+iP	20 49 47.0	-0.4
WMQ	51.3	324	P	20 51 04.0	-0.1

1985 11 25

O=21 33 09.3 ± 0.13s
 LAT=27.62 N ± 1.93km
 LONG=140.28 E ± 4.19km
 DEPTH= 31 km ± 1.72km
 STATIONS USED = 11, STAND DEV= 1.45s

TIA	21.4	299	eP	21 37 57.2	0.2
WHN	22.8	284	eP	21 38 09.5	-1.6
BJI	23.5	308	eP	21 38 16.5	-0.8
HHC	27.0	307	eP	21 38 51.0	-0.2
CD2	31.9	285	P	21 39 34.8	-0.2
GTA	35.5	300	eP	21 40 05.0	-0.5
WMQ	44.9	305	eP	21 41 22.6	-0.9

1985 11 26

O=00 27 03.9 ± 0.11s
 LAT=22.56 N ± 1.85km
 LONG=122.03 E ± 1.62km
 DEPTH= 28 km ± 0.72km
 STATIONS USED = 89, STAND DEV= 2.22s
 Ms=4.5/ 16, M_L=4.6/ 6, m_B=5.0/ 1

QZH	3.9	308	ePn	00 28 03.0	0.0
			Sn	00 28 46.7	-3.3
			SMN	M _L =4.4	0.5 0.76
			SME		0.7 0.84
			LN	Ms=4.0	11.0 1.41
			LE		10.0 2.97
GZH	8.0	275	+iP	00 29 01.2	-0.4
			S	00 30 26.5	-5.6
			LN	Ms=4.0	8.0 0.80
SSE	8.5	355	eP	00 29 08.0	-0.7
			eS	00 30 44.0	-1.0
			LG ₂	00 31 49.5	4.1

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NJ2	9.9	344	cP	00 29 26.3	-0.8	O = 01 19 07.4 ± 0.14s						
			S	00 31 12.8	-5.0	LAT = 54.86 S ± 2.54km						
			LG ₁	00 32 15.0	1.3	LONG = 146.38 E ± 4.04km						
			LE	Ms = 4.4	11.0	2.00	DEPTH = 13 km ± 0.77km					
WHN	10.5	321	P	00 29 33.6	-2.3	STATIONS USED = 31, STAND DEV = 3.15s						
			iS	00 31 28.5	-5.2	GYA	87.9	325	cP	01 31 57.6	-1.3	
			iLG ₂	00 32 45.0	-5.5	KMI	88.0	321	cP	01 32 01.0	1.4	
			LN	Ms = 4.9	12.0	3.56	CD2	92.9	324	P	01 32 19.4	-3.1
			LE		12.0	4.55						
QZN	11.9	255	cP	00 29 54.5	-0.7	1985 11 26						
			cS	00 32 03.2	-5.2	O = 05 01 11.7 ± 0.11s						
			LN	Ms = 4.1	14.0	1.00	LAT = 36.35 N ± 0.91km					
TIA	14.3	344	cP	00 30 26.4	0.2	LONG = 70.97 E ± 1.06km						
			cS	00 33 00.6	-3.8	DEPTH = 120 km ± 0.71km						
			LE	Ms = 4.3	10.5	0.86	STATIONS USED = 18, STAND DEV = 1.76s					
GYA	14.5	289	P	00 30 30.8	1.1	M _L = 4.8 / 3,						
			pP	00 30 34.0	-2.1	KSH	5.0	51	P	05 02 28.6	2.1	
			LN	Ms = 4.4	10.0	1.00			S	05 03 26.8	3.3	
XAN	16.2	318	cP	00 30 54.4	2.6			SMN	M _L = 4.9	0.5	1.48	
			eLG ₂	00 35 54.0	-5.3			SME		0.3	1.12	
			LN	Ms = 4.7	12.0	1.75	WMQ	14.8	55	P	05 04 34.8	-1.5
			LE		12.0	1.00			S	05 07 16.1	-0.9	
DL2	16.3	359	cP	00 30 52.0	-0.6			SMN		1.0	0.010	
			LE	Ms = 4.3	14.0	0.91	LSA	18.2	106	cP	05 05 17.2	-0.8
TIY	17.2	333	P	00 31 07.0	2.8	GTA	22.9	74	P	05 06 07.8	1.4	
KMI	17.8	282	cP	00 31 15.0	2.9	1985 11 26						
			cP	00 31 17.0	1.5	O = 06 18 57.9 ± 0.20s						
			SMN	m _B = 5.0	12.0	0.69	LAT = 22.11 S ± 3.96km					
			SME		12.0	0.43	LONG = 174.95 W ± 3.51km					
BJI	18.1	345	LN	Ms = 4.5	11.0	0.82	DEPTH = 31 km ± 0.73km					
			LE		11.0	0.33	STATIONS USED = 62, STAND DEV = 2.28s					
			CD2	18.3	301	cP	00 31 19.0	1.3	Ms = 5.0 / 1,			
						S	00 34 41.0	3.7	NJ2	83.1	308	cP
SNY	19.3	4	LE	Ms = 4.9	7.0	1.38	LZ	Ms = 5.0	19.0	0.40		
			LE	Ms = 4.6	15.0	1.40	MDJ	83.5	324	+P	06 31 25.7	0.9
HHC	20.3	337	cP	00 31 42.0	1.7	SNY	85.3	319	cP	06 31 33.0	-0.8	
BTO	20.7	333	cP	00 31 44.0	-0.3	CN2	85.3	321	+iP	06 31 33.0	-1.0	
			eS	00 35 26.0	-3.0	WHN	85.7	305	cP	06 31 35.5	-0.3	
			LN	Ms = 4.6	13.0	1.00	TIA	86.5	311	cP	06 31 39.2	-0.4
			LE		13.0	0.070	BJI	89.0	314	cP	06 31 51.5	-0.5
CN2	21.4	7	cP	00 31 52.0	0.4	GYA	89.9	299	P	06 31 58.6	2.3	
			eS	00 35 41.0	-1.6	TIY	90.5	311	P	06 31 58.8	-0.1	
			LZ	Ms = 4.6	16.0	1.30	XAN	91.4	306	+P	06 32 02.9	-0.1
MDJ	22.9	14	cP	00 32 08.0	1.6	KMI	92.6	296	+P	06 32 10.0	1.1	
GTA	25.3	317	P	00 32 24.8	-5.2	LZH	96.0	306	cP	06 32 24.5	0.2	
			LE	Ms = 4.6	12.0	0.67	1985 11 26					
WMQ	35.3	315	cP	00 34 00.0	0.6	O = 08 56 30.6 ± 0.12s						
KSH	42.4	304	cP	00 35 02.0	3.5							

LAT = 24.16 N ± 1.78km					sP 09 01 20.0 -1.3				
LONG = 125.21 E ± 1.55km					cS 09 04 48.0 -2.9				
DEPTH = 35 km ± 0.79km					LE Ms = 4.9 14.0 2.40				
STATIONS USED = 100, STAND DEV = 2.35s					BTO 20.8 326 P 09 01 09.0 -2.3				
Ms = 4.8 / 15, m _B = 4.8 / 1					cPP 09 01 30.0 -3.1				
QZH 6.1 279	cPn	08 57 58.7	0.4		cS 09 04 49.0 -7.5				
	Sn	08 59 02.3	-6.1		LN Ms = 4.9 14.0 2.20				
	LN	Ms = 4.3	11.0	1.41	LE 14.0 1.20				
	LE		10.0	2.97	LZH 21.9 308	cP	09 01 21.5	-1.6	
GZH 10.9 267	eP	08 59 08.4	0.5		PMZ 2.0 0.12				
	S	09 01 18.0	8.3		GTA 26.3 311 +P 09 02 03.2 -2.0				
	LZ	Ms = 4.7	13.0	3.92	LE Ms = 4.9 12.5 1.31				
WHN 11.6 306	eP	08 59 12.5	-3.8		WMQ 36.4 312 cP 09 03 32.5 -1.3				
	S	09 01 30.0	5.2		KSH 44.0 302 cP 09 04 39.1 2.1				
	iLG ₂	09 02 49.0	-2.9		1985 11 26				
	LN	Ms = 4.7	15.0	3.29	O = 09 42 01.1 ± 0.15s				
	LE		13.0	2.35	LAT = 24.16 N ± 1.85km				
TIA 13.9 332	eP	08 59 50.5	3.1		LONG = 125.40 E ± 1.81km				
	cS	09 02 30.0	8.6		DEPTH = 31 km ± 0.35km				
	LN	Ms = 4.8	15.0	1.55	STATIONS USED = 13, STAND DEV = 4.14s				
	LE		14.0	2.93	Ms = 3.8 / 1,				
DL2 15.0 349	eP	09 00 06.9	4.8		SSE 7.9 333	cP	09 43 52.1	-3.9	
	LN	Ms = 4.7	10.0	1.41	LN Ms = 3.8 16.0 1.16				
	LE		12.0	1.35	GYA 17.1 282 cP 09 46 03.0 3.3				
GYA 16.9 282	P	09 00 28.8	2.1		XAN 17.4 308 cP 09 46 02.7 -1.0				
	S	09 03 33.0	1.2		BJI 17.6 336 cP 09 46 06.5 0.3				
	LE	Ms = 4.8	12.0	2.30	SNY 17.7 356 cP 09 46 06.6 -0.2				
XAN 17.3 308	eP	09 00 32.0	0.9		CD2 20.3 294 P 09 46 37.2 -0.4				
	S	09 03 40.0	0.0		1985 11 26				
	LN	Ms = 4.9	12.0	0.75	O = 10 05 02.7 ± 0.07s				
	LE		13.0	2.57	LAT = 24.15 N ± 1.15km				
TIY 17.4 324	P	09 00 33.0	0.8		LONG = 125.21 E ± 1.17km				
	LN	Ms = 4.8	13.5	1.95	DEPTH = 21 km ± 0.27km				
	LE		13.5	0.84	STATIONS USED = 146, STAND DEV = 1.47s				
BJI 17.6 336	eP	09 00 34.5	-0.1		Ms = 5.7 / 22, m _B = 5.8 / 12				
	PMZ	m _B = 4.8	6.0	0.27	QZH 6.1 279 cPn 10 06 32.2 0.3				
	cS	09 03 52.0	5.0		Sn 10 07 38.5 -4.5				
	LN	Ms = 4.7	14.0	1.65	SS 10 07 50.5 -4.7				
	LE		13.0	0.73	LN Ms = 5.3 10.5 20.0				
SNY 17.7 356	+P	09 00 32.0	-3.9		LE 10.5 23.9				
	LE	Ms = 4.5	20.0	1.80	SSE 7.8 334 cP 10 06 57.2 -0.5				
CN2 19.6 1	+P	09 00 56.4	-2.4		cS 10 08 26.0 0.0				
	cS	09 04 25.0	-7.7		LG ₁ 10 09 08.0 0.9				
	LE	Ms = 4.5	18.0	1.30	LG ₂ 10 09 22.0 2.5				
CD2 20.2 294	cP	09 01 03.1	-1.9		LN Ms = 5.7 16.0 50.2				
	sP	09 01 20.2	1.9		LE 16.0 58.4				
	S	09 04 49.0	5.0		NJ2 9.7 326 cP 10 07 23.4 -0.4				
	LZ	Ms = 5.0	12.0	2.66	PMZ m _B = 5.8 4.0 1.30				
HHC 20.2 329	+iP	09 01 04.4	-1.0						
KMI 20.4 277	+P	09 01 08.5	0.3						

		S	10 09 10.5	-2.1				PP	10 09 45.0	-5.2		
		LZ	Ms=5.4	18.0	30.6			cS	10 13 00.0	-7.5		
GZH	10.9	267	-P	10 07 40.8	-0.5			LZ	Ms=5.6	15.0	13.5	
		LN	Ms=5.7	8.0	21.0	CD2	20.2	294	cP	10 09 38.9	0.0	
		LE		5.0	8.60			S	10 13 14.0	-4.8		
WHN	11.6	306	P	10 07 49.5	-0.3			SME	m _B =5.9	7.0	3.78	
		PMZ	m _B =6.0	7.0	2.25			LE	Ms=5.9	12.0	18.8	
		iLG ₂	10 11 17.0	-7.2		HHC	20.2	329	P	10 09 37.8	-1.5	
		LE	Ms=5.6	14.0	31.4			S	10 13 24.0	4.6		
TIA	13.9	332	cP	10 08 23.2	2.2			LN	Ms=5.8	12.0	13.9	
		PMZ	m _B =6.3	7.5	3.96			LE		13.0	9.11	
		SME	m _B =5.1	11.0	1.33	KMI	20.5	277	+P	10 09 43.0	0.9	
DL2	15.0	349	P	10 08 37.0	1.3			cS	10 13 27.0	1.3		
		pP	10 08 43.0	1.4				sS	10 13 40.0	4.8		
		S	10 11 25.0	3.2				LE	Ms=5.8	14.0	19.8	
		LN	Ms=5.7	10.0	12.4	MDJ	20.7	9	cP	10 09 44.7	0.0	
		LE		10.0	10.8			PP	10 10 06.0	0.0		
GYA	16.9	282	P	10 09 01.0	0.6			cS	10 13 32.0	1.6		
		S	10 12 03.0	-3.3				SS	10 14 00.0	-0.6		
		SS	10 12 33.0	6.2				LZ	Ms=5.4	20.0	11.5	
		LN	Ms=5.8	13.0	10.0	BTO	20.8	326	+iP	10 09 44.5	-0.8	
		LE		13.0	19.6			PP	10 10 04.0	-2.6		
XAN	17.3	308	cP	10 09 04.8	0.0			S	10 13 27.0	-3.6		
		PMZ	m _B =5.9	6.0	3.22			SS	10 13 56.0	-5.8		
		S	10 12 16.0	1.4				LN	Ms=6.0	15.0	26.0	
		LG ₂	10 14 30.5	-2.8				LE		15.0	13.4	
		LN	Ms=5.9	12.0	7.00	LZH	21.9	308	cP	10 09 56.5	-0.6	
		LE		12.0	26.0			PMZ		2.0	0.14	
TIY	17.4	324	P	10 09 07.5	1.6			pP	10 10 03.5	-0.4		
		PMZ	m _B =5.9	6.0	3.73			cS	10 13 57.0	3.5		
		sP	10 09 16.0	0.2				LE	Ms=5.7	15.0	15.7	
		PP	10 09 26.5	6.6		GTA	26.3	311	+iP	10 10 37.3	-1.9	
		PPMZ		7.0	6.44			LE	Ms=5.8	12.0	10.9	
		SMN	m _B =5.6	7.0	1.39	LSA	30.8	288	cP	10 11 19.8	-0.3	
		SME		7.0	1.88			LE	Ms=5.4	15.0	3.72	
		LN	Ms=5.8	13.0	22.6	WMQ	36.4	312	P	10 12 06.0	-1.9	
		LE		14.0	8.97			PP	10 13 23.0	-7.8		
BJI	17.6	336	cP	10 09 08.0	-0.3			S	10 17 46.0	-0.6		
		PMZ	m _B =5.7	6.0	2.13			LN	Ms=6.0	14.0	7.54	
		cS	10 12 22.0	0.4				LE		14.0	7.05	
		SME	m _B =5.0	11.0	0.96	KSH	44.0	302	+P	10 13 13.1	2.0	
		LN	Ms=5.7	13.0	18.4			cS	10 19 47.1	5.2		
		LE		14.0	8.60			LE	Ms=6.0	13.0	8.60	
SNY	17.7	356	+iP	10 09 10.4	0.8							
		PMZ	m _B =5.8	6.0	2.94							
		sP	10 09 19.0	-0.6								
		iS	10 12 26.0	2.1								
		LN	Ms=5.6	14.0	14.1							
CN2	19.6	1	+P	10 09 30.8	-1.8							
		PMZ	m _B =5.7	5.0	1.80							

1985 11 26

O=10 24 29.4 ± 0.57s

LAT= 9.38 S ± 3.23km

LONG= 75.56 W ± 2.67km

DEPTH= 21 km ± 5.14km

STATIONS USED = 45, STAND DEV = 3.29s



Ms=5.6 / 1,

WMQ	142.7	20	ePKP	10 43 57.5	-4.9
SNY	143.5	336	ePKP	10 43 57.6	-6.0
BJI	147.7	343	ePKP	10 44 10.5	-0.3
GTA	149.8	7	PKP	10 44 14.5	0.2
TIY	150.9	347	PKP	10 44 20.9	5.0
			LN	Ms=5.6	12.0 0.29
			LE		12.0 0.27
TIA	150.9	339	ePKP	10 44 15.8	0.0
LZH	153.4	1	ePKP	10 44 28.0	8.4
XAN	155.1	351	PKP	10 44 21.5	-0.3

1985 11 26
O=13 23 58.1 ± 0.13s
LAT=24.26 N ± 2.30km
LONG=125.26 E ± 1.66km
DEPTH=43 km ± 1.24km
STATIONS USED = 87, STAND DEV = 2.43s

Ms=4.3 / 12, M_L=3.9 / 2,

QZH	6.1	278	ePn	13 25 25.2	-0.3
			Sn	13 26 28.3	-7.1
			SMN	M _L =4.0	1.2 0.14
			SME		0.8 0.070
SSE	7.7	333	eP	13 25 49.0	-1.7
NJ2	9.6	325	-P	13 26 19.3	2.4
			S	13 28 12.7	8.9
			LN	Ms=4.0	13.0 0.90
GZH	11.0	266	eP	13 26 41.0	5.2
WHN	11.5	305	eP	13 26 42.0	-1.3
			LE	Ms=4.3	14.0 1.70
TIA	13.8	331	eP	13 27 17.1	3.3
			LN	Ms=4.2	12.8 0.71
			LE		12.0 0.52
GYA	17.0	281	eP	13 27 55.0	0.9
XAN	17.3	308	P	13 27 58.8	0.9
			LE	Ms=4.5	12.0 1.00
TIY	17.3	324	eP	13 27 59.7	1.0
			sS	13 31 23.0	1.0
			LN	Ms=4.5	15.0 1.14
			LE		14.0 0.37
BJI	17.5	336	eP	13 28 01.0	0.2
			LN	Ms=4.3	12.0 0.69
SNY	17.6	356	-iP	13 28 02.8	1.0
			sS	13 31 30.0	2.0
			LN	Ms=4.2	15.0 0.70
CN2	19.5	0	P	13 28 22.6	-2.0
			eS	13 31 49.0	-7.6
			LZ	Ms=4.4	15.0 0.80
HHC	20.1	329	+P	13 28 30.6	-1.1
			LE	Ms=4.3	13.0 0.56

CD2	20.2	294	eP	13 28 30.4	-1.5
			LZ	Ms=4.6	15.0 1.17
KMI	20.5	277	eP	13 28 39.0	3.6
			pP	13 28 48.5	3.3
			sS	13 32 32.0	-0.3
			LE	Ms=4.3	13.0 0.60
MDJ	20.6	9	eP	13 28 36.2	-0.3
BTO	20.7	326	eP	13 28 36.9	-0.8
			eS	13 32 20.0	-1.6
			LN	Ms=4.6	15.0 1.00
			LE		15.0 0.80
LZH	21.9	308	eP	13 28 50.0	0.3
GTA	26.3	311	+iP	13 29 29.6	-2.1
WMQ	36.3	312	P	13 30 59.1	-1.2
KSH	44.0	302	eP	13 32 07.0	3.3

1985 11 26
O=14 35 14.8 ± 0.10s
LAT=22.39 N ± 1.49km
LONG=143.88 E ± 1.98km
DEPTH=118 km ± 0.44km
STATIONS USED = 32, STAND DEV = 1.75s

NJ2	24.2	299	eP	14 40 23.8	2.1
SNY	25.8	323	eP	14 40 37.0	0.2
CN2	26.2	329	eP	14 40 44.0	3.1
TIA	27.0	307	eP	14 40 47.9	0.1
XAN	32.8	298	eP	14 41 37.6	-1.4
GYA	34.1	284	eP	14 41 51.0	0.9
CD2	36.7	292	P	14 42 12.8	0.4
GTA	41.0	305	P	14 42 44.2	-4.1
WMQ	50.6	309	P	14 44 05.4	0.9

1985 11 26
O=16 18 16.5 ± 0.12s
LAT=46.32 N ± 2.28km
LONG=150.02 E ± 1.08km
DEPTH=138 km ± 1.58km
STATIONS USED = 42, STAND DEV = 1.40s

MDJ	14.4	271	eP	16 21 39.0	3.4
CN2	17.5	271	+P	16 22 10.4	-3.3
SNY	19.5	266	eP	16 22 33.6	-1.6
BJI	25.3	268	eP	16 23 32.0	-0.4
TIA	26.5	259	eP	16 23 42.9	-0.7
NJ2	27.8	250	eP	16 23 55.0	-0.3
TIY	29.0	266	+P	16 24 06.1	0.3
WHN	31.8	253	eP	16 24 29.5	-0.6
XAN	33.3	263	-P	16 24 43.1	-0.8
LZH	35.8	270	-P	16 25 04.5	0.0
GTA	36.9	278	-P	16 25 13.7	-0.5
GZH	37.5	245	-iP	16 25 20.0	0.8

CD2	38.7	263	eP	16 25 29.3	0.2
GYA	39.5	255	P	16 25 36.4	0.4
LSA	48.2	271	+iP	16 26 45.6	0.1

1985 11 26

O=17 42 02.7 ± 0.12s

LAT=21.81 S ± 4.86km

LONG=138.78 W ± 4.56km

DEPTH= 32 km ± 0.41km

STATIONS USED = 57, STAND DEV = 2.49s

LZH	124.2	300	cPKP	18 01 00.5	0.9
GTA	127.5	304	+PKP	18 01 07.4	1.5
LSA	134.6	291	cPKP	18 01 20.8	1.0
WMQ	135.9	311	PKP	18 01 22.5	0.8
KSH	145.6	309	+iPKP	18 01 42.0	3.0

1985 11 26

O=17 57 05.2 ± 0.15s

LAT=29.26 N ± 1.73km

LONG=101.42 E ± 1.73km

DEPTH= 8 km ± 0.61km

STATIONS USED = 11, STAND DEV = 4.29s

$M_L = 3.5 / 4,$

CD2	2.6	50	cPn	17 57 50.0	2.0
			Pg	17 57 51.4	0.2
			Sn	17 58 17.4	-4.3
			Sg	17 58 19.5	-7.4
			SMN	$M_L = 3.7$	0.5 0.42
			SME		0.5 0.40
KMI	4.3	164	cPn	17 58 13.5	2.2
GYA	5.4	120	cPn	17 58 32.0	5.3
			Sg	17 59 50.4	-4.5
XAN	8.0	51	eP	17 59 00.0	-4.3
			SMN	$M_L = 3.4$	1.0 0.010
			SME		1.0 0.010
WMQ	18.2	327	P	18 01 22.5	2.2

1985 11 26

O=18 30 14.5 ± 0.15s

LAT=24.32 N ± 2.25km

LONG=125.34 E ± 1.99km

DEPTH= 44 km ± 1.29km

STATIONS USED = 48, STAND DEV = 2.65s

$M_s = 4.0 / 9,$

QZH	6.2	277	eP	18 31 41.2	-4.4
			LE	$M_s = 3.6$	10.0 0.56
SSE	7.7	332	cP	18 32 07.0	0.3
			LN	$M_s = 3.6$	12.0 0.54
TIA	13.8	331	eP	18 33 33.5	3.7
			LN	$M_s = 4.0$	12.0 0.31

			LE		12.0 0.44
GYA	17.0	281	P	18 34 13.0	1.8
XAN	17.3	308	eP	18 34 14.6	0.2
			LE	$M_s = 4.3$	15.0 0.79
TIY	17.3	323	eP	18 34 14.2	-0.6
			LN	$M_s = 3.9$	12.0 0.29
BJI	17.5	336	eP	18 34 17.0	0.3
SNY	17.5	356	-iP	18 34 18.8	1.4
			LE	$M_s = 4.0$	20.0 0.60
CN2	19.4	0	cP	18 34 38.0	-2.2
			cS	18 38 13.0	1.6
			LE	$M_s = 4.3$	16.0 0.80
HHC	20.1	328	+P	18 34 46.7	-1.1
CD2	20.2	294	eP	18 34 46.1	-2.5
			S	18 38 28.0	0.8
			LZ	$M_s = 4.4$	15.0 0.88
KMI	20.5	277	-P	18 34 51.5	-0.8
BTO	20.7	325	eP	18 34 52.6	-1.2
			cS	18 38 42.0	4.5
			LN	$M_s = 4.3$	12.0 0.40
			LE		12.0 0.30
LZH	21.9	307	cP	18 35 05.0	-1.2
GTA	26.3	311	P	18 35 46.4	-1.7

1985 11 27

O=00 01 56.0 ± 0.09s

LAT=35.56 N ± 1.72km

LONG=135.94 E ± 1.48km

DEPTH= 17 km ± 0.47km

STATIONS USED = 68, STAND DEV = 1.59s

$M_s = 4.8 / 17,$

$m_b = 5.1 / 3$

MDJ	10.3	334	cP	00 04 28.5	2.6
SNY	11.5	307	cP	00 04 42.6	-0.2
			cS	00 06 50.0	-1.9
			LN	$M_s = 4.5$	12.0 0.82
			LE		13.0 1.96
CN2	11.5	319	+P	00 04 43.2	0.1
			pP	00 04 47.0	-1.5
			cS	00 06 52.0	-0.5
			LZ	$M_s = 4.6$	14.0 3.30
SSE	13.1	254	eP	00 05 06.0	1.5
			SS	00 07 44.0	-1.7
			LE	$M_s = 4.9$	10.0 3.32
NJ2	14.6	261	cP	00 05 24.0	-0.4
			cS	00 08 08.0	0.8
			LN	$M_s = 4.2$	11.0 0.60
TIA	15.3	278	eP	00 05 36.5	3.7
			S	00 08 18.0	-3.7
			LN	$M_s = 4.6$	12.0 0.74
			LE		12.0 1.63

TIA	37.6	78	cP	11 03 58.8	-0.1		
NJ2	40.4	83	+P	11 04 22.1	0.3		
SNY	41.0	67	cP	11 04 26.6	-0.8		
CN2	42.0	64	cP	11 04 36.4	1.4		
SSE	42.6	83	+P	11 04 40.5	0.6		
1985 11 27							
O = 12 41 49.9				$\pm 0.11s$			
LAT = 28.28 N				$\pm 1.87km$			
LONG = 140.83 E				$\pm 2.60km$			
DEPTH = 45 km				$\pm 1.86km$			
STATIONS USED = 23,				STAND DEV = 2.03s			
$M_s = 4.3 / 5,$				$m_B = 5.1 / 4$			
SSE	17.3	284	P	12 45 48.0	-1.9		
			cSS	12 49 16.0	-4.1		
			LN	$M_s = 4.3$	12.0	0.60	
DL2	19.2	309	cP	12 46 16.0	3.6		
			cS	12 49 48.0	7.6		
NJ2	19.4	287	+P	12 46 15.0	0.2		
			PMZ	$m_B = 5.1$	6.5	0.70	
			LN	$M_s = 4.0$	13.0	0.30	
CN2	19.8	325	-P	12 46 17.0	-2.7		
			cS	12 49 53.0	-2.1		
			LZ	$M_s = 4.4$	10.0	0.50	
WHN	23.2	282	cP	12 46 52.0	-1.5		
			PMZ	$m_B = 5.5$	5.0	1.15	
			SMN	$m_B = 5.0$	8.0	0.38	
			LE	$M_s = 4.4$	12.0	0.52	
BJI	23.5	306	cP	12 47 00.0	3.7		
			SMN	$m_B = 5.1$	7.0	0.28	
			SME		8.0	0.23	
TIY	25.5	299	cP	12 47 14.2	-2.2		
			PP	12 47 53.5	-2.1		
			LE	$M_s = 4.2$	10.0	0.23	
HHC	27.0	305	cP	12 47 29.0	-1.4		
XAN	27.8	290	cP	12 47 36.6	-1.0		
BTO	28.1	304	cP	12 47 37.2	-2.7		
GYA	30.3	275	cP	12 48 01.0	1.0		
CD2	32.3	284	cP	12 48 15.0	-1.8		
GTA	35.6	299	cP	12 48 44.5	-0.8		
1985 11 27							
O = 15 08 57.3				$\pm 0.21s$			
LAT = 14.19 N				$\pm 3.43km$			
LONG = 90.76 W				$\pm 3.38km$			
DEPTH = 61 km				$\pm 2.09km$			
STATIONS USED = 75,				STAND DEV = 2.23s			
BJI	120.5	336	cPKP	15 27 43.5	0.6		
WMQ	122.3	1	PKP	15 27 47.4	1.1		
TIA	123.4	333	PKP	15 27 45.7	-2.8		
TIY	124.0	338	PKP	15 27 50.8	1.2		
KSH	125.2	13	cPKP	15 27 55.1	3.0		
SSE	125.5	326	PKP	15 27 53.5	1.0		
GTA	125.8	350	PKP	15 27 54.5	1.3		
NJ2	126.0	329	+PKP	15 27 54.0	0.6		
LZH	128.1	345	cPKP	15 28 00.5	2.7		
XAN	128.5	339	-PKP	15 27 59.7	1.3		
CD2	133.0	343	cPKP	15 28 09.1	2.1		
GYA	136.2	337	PKP	15 28 15.6	2.7		
LSA	136.3	358	cPKP	15 28 05.6	-7.9		
KMI	138.8	341	cPKP	15 28 16.0	-1.8		
QZN	141.3	328	cPKP	15 28 24.0	2.0		
1985 11 27							
O = 15 38 36.6				$\pm 0.13s$			
LAT = 24.27 N				$\pm 2.13km$			
LONG = 125.28 E				$\pm 1.31km$			
DEPTH = 47 km				$\pm 0.80km$			
STATIONS USED = 18,				STAND DEV = 2.26s			
XAN	17.3	308	cP	15 42 36.7	0.5		
SNY	17.6	356	cP	15 42 40.5	0.7		
CN2	19.5	0	cP	15 43 01.0	-1.6		
HHC	20.1	328	P	15 43 08.4	-1.3		
CD2	20.2	294	cP	15 43 11.5	1.4		
GTA	26.3	311	P	15 44 07.9	-1.9		
1985 11 27							
O = 18 09 22.7				$\pm 0.16s$			
LAT = 24.96 N				$\pm 1.98km$			
LONG = 122.65 E				$\pm 2.15km$			
DEPTH = 7 km				$\pm 0.65km$			
STATIONS USED = 57,				STAND DEV = 2.23s			
$M_s = 4.8 / 14,$							
QZH	3.7	271	cPn	18 10 19.7	-0.7		
			LN	$M_s = 4.2$	9.0	3.17	
			LE		8.0	3.97	
SSE	6.2	348	cP	18 10 53.0	-4.7		
			cLG ₁	18 12 33.0	-5.9		
			LG ₂	18 12 45.0	-3.8		
			LN	$M_s = 4.6$	12.0	8.10	
NJ2	7.8	336	cP	18 11 18.8	-0.9		
			cS	18 12 49.0	-0.2		
			LN	$M_s = 4.3$	11.0	2.30	
WHN	9.2	309	cP	18 11 35.5	-3.7		
			LG ₂	18 14 22.0	-4.9		
			LN	$M_s = 4.9$	9.0	5.07	
GYA	14.5	279	cP	18 12 52.0	1.3		
			S	18 15 31.0	-1.0		
			LN	$M_s = 4.6$	9.0	1.20	
XAN	15.0	310	cP	18 12 56.5	-0.5		

			S	02 45 00.0	6.3				BJI	71.1	321	cP	02 36 59.5	-0.4			
			SMN	$m_B = 6.9$	10.0	11.5						PMZ	$m_B = 6.9$	9.0	12.4		
			SME		10.0	8.00						esP	02 37 11.0	-2.9			
			LN	$M_s = 6.9$	19.0	30.6						S	02 46 16.0	4.1			
			LE		18.5	31.5						SMN	$m_B = 7.1$	11.0	18.0		
WHN	66.8	312	-iP	02 36 32.5	-0.5							SME		10.0	7.23		
			PMZ	$m_B = 6.8$	10.0	12.3						sS	02 46 28.0	-1.6			
			pP	02 36 43.3	0.4							LN	$M_s = 7.0$	20.0	55.0		
			sP	02 36 50.5	3.6				TIY	72.1	318	-iP	02 37 06.0	0.2			
			iS	02 45 14.0	-7.7							PMZ	$m_B = 6.9$	9.0	15.5		
			SMN	$m_B = 6.9$	10.0	12.3						PcP	02 37 21.0	-2.5			
DL2	67.2	323	-iP	02 36 35.0	-0.5							iS	02 46 32.5	7.7			
			PMZ	$m_B = 6.8$	9.0	12.2						SMN	$m_B = 6.9$	12.0	13.3		
			iS	02 45 28.0	1.6							LN	$M_s = 6.5$	12.5	5.22		
			SMN	$m_B = 7.1$	10.0	21.1						LE		17.5	13.9		
			eSS	02 49 55.0	8.6				XAN	72.5	313	-P	02 37 07.9	-0.4			
			LN	$M_s = 7.0$	16.0	30.1						PMZ	$m_B = 6.8$	9.0	12.0		
			LE		16.0	39.1						S	02 46 21.0	-7.0			
MDJ	67.2	332	-iP	02 36 36.0	0.2							SMN	$m_B = 7.1$	12.0	18.5		
			PcP	02 37 02.0	-0.8							SME		12.0	9.24		
			PP	02 39 04.0	-0.8							LN	$M_s = 6.9$	18.0	34.1		
			ScP	02 41 00.0	-2.1							LE		18.0	21.0		
			iS	02 45 28.0	1.0				KMI	73.1	302	-iP	02 37 13.0	0.8			
			SS	02 49 54.0	6.9							PMZ	$m_B = 7.1$	7.0	16.8		
			LZ	$M_s = 7.1$	26.0	100						pP	02 37 23.0	1.2			
SNY	68.1	327	-iP	02 36 40.6	-0.7							S	02 46 41.0	6.0			
			PMZ	$m_B = 6.9$	8.0	12.8						SMN	$m_B = 7.1$	10.0	17.2		
			S	02 45 35.0	-1.2							LE	$M_s = 6.6$	16.0	16.7		
			SMN	$m_B = 7.2$	10.0	22.2			HHC	74.4	320	+iP	02 37 20.5	0.9			
			SME		11.0	10.1						S	02 46 52.0	2.5			
			LN	$M_s = 6.7$	14.0	10.3						SMN		13.0	11.8		
			LE		15.0	17.0						SME		13.0	15.6		
TIA	68.2	319	-P	02 36 41.2	-0.7							LN	$M_s = 7.0$	18.0	32.7		
			PMZ	$m_B = 6.8$	10.0	11.6						LE		18.0	34.9		
			S	02 45 38.0	0.7				CD2	74.8	308	-iP	02 37 22.4	0.5			
			SMN	$m_B = 6.8$	10.0	7.02						S	02 47 00.0	6.0			
			SME		10.0	6.11						LE	$M_s = 6.9$	16.0	28.4		
			LN	$M_s = 6.6$	16.0	7.17			BTO	75.3	319	-iP	02 37 25.0	0.6			
			LE		15.0	17.6						PMZ	$m_B = 6.8$	8.0	11.3		
CN2	68.5	329	-iP	02 36 43.0	-1.2							pP	02 37 35.0	0.9			
			PMZ	$m_B = 7.0$	7.0	14.0						sP	02 37 41.0	2.8			
			sP	02 36 57.0	-1.2							ePP	02 40 16.0	1.7			
			cS	02 45 37.0	-6.1							iS	02 46 57.0	-3.6			
			SMN	$m_B = 7.0$	12.0	19.2						SMN	$m_B = 7.1$	10.0	14.3		
			LZ	$M_s = 7.0$	16.0	42.5						SME		10.0	3.30		
GYA	70.5	305	-P	02 36 57.0	0.4							iSKS	02 47 25.0	0.0			
			pP	02 37 07.0	0.7							LN	$M_s = 7.0$	18.0	25.6		
			iS	02 46 15.0	8.2							LE		17.0	38.8		
			SMN	$m_B = 6.9$	12.0	12.2			LZH	77.1	313	-iP	02 37 36.0	0.8			
			SME		12.0	9.70						PMZ	$m_B = 6.9$	9.0	14.6		

	cPP	02 40 32.0	2.7				S	04 08 11.0	-1.5		
	S	02 47 21.0	1.6				LN	Ms=6.7	16.0	24.5	
	SMN	m _B =7.1	12.0	18.7			LE		16.0	11.2	
	PS	02 47 59.0				SSE	62.3 317 +P	04 00 14.5	-1.1		
	LN	Ms=6.7	16.0	18.3			PMZ		1.0	0.11	
	LE		15.0	8.52			pP	04 00 25.0	-2.9		
GTA	81.5 314 +P	02 37 59.4	0.7				S	04 08 37.0	1.3		
	PMZ	m _B =7.1	6.0	14.5			SS	04 12 36.0	-5.3		
	iS	02 48 05.0	-2.2				LN	Ms=7.0	18.0	47.6	
	SME	m _B =7.3	10.5	23.4			LE		18.0	39.2	
	LE	Ms=6.8	17.0	24.2		GZH	63.6 305 -P	04 00 24.7	0.8		
LSA	84.4 302 -P	02 38 14.2	0.4				PMZ	m _B =7.0	9.0	16.9	
	pP	02 38 24.7	1.5				sP	04 00 40.0	-1.2		
	PP	02 41 29.9	0.7				S	04 08 57.0	5.7		
	sP	02 38 28.6	1.4				PS	04 09 20.0			
	S	02 48 34.2	-0.2				LN	Ms=6.9	19.0	25.8	
	SME	m _B =6.9	12.0	10.9			LE		21.0	43.4	
	sS	02 48 47.1	-5.4			NJ2	64.5 316 -P	04 00 28.0	-1.8		
WMQ	91.6 315 -iP	02 38 48.0	0.1				S	04 09 11.5	9.0		
	PMZ	m _B =7.0	7.0	6.75			SME		14.0	14.1	
	PP	02 42 23.6	-3.6			QZN	64.5 299 -P	04 00 31.0	0.7		
	SS	02 55 50.0	-1.6				sP	04 00 45.0	-2.6		
	LN	Ms=7.0	38.0	66.1			iS	04 09 07.5	2.8		
KSH	99.0 308 -P	02 39 23.0	1.2				SMN		13.0	26.4	
	PP	02 43 23.0	-2.1				SME		15.0	15.2	
	eS	02 50 49.0	1.9				sS	04 09 30.0	4.6		
							SS	04 13 25.0	8.9		
							LN	Ms=7.1	18.0	17.0	
							LE		26.0	98.1	
						WHN	66.7 312 -iP	04 00 44.0	-0.3		
							PMZ	m _B =6.8	5.0	6.12	
							pP	04 00 58.0	1.4		
							sP	04 01 03.0	1.5		
							S	04 09 31.0	1.0		
							SME		14.0	9.86	
							LE	Ms=6.9	18.0	38.3	
						DL2	67.1 323 cP	04 00 45.2	-1.6		
							S	04 09 40.0	5.3		
							SMN	m _B =7.1	12.0	26.1	
							LE	Ms=7.0	17.0	50.2	
						MDJ	67.2 332 -iP	04 00 47.5	0.5		
						SNY	68.0 327 -iP	04 00 51.8	-0.8		
							PMZ	m _B =6.8	5.0	6.13	
							pP	04 01 07.5	2.7		
							S	04 09 45.5	-0.3		
							SMN	m _B =7.1	12.0	21.5	
							SME		13.0	18.4	
							LN	Ms=6.9	17.0	31.0	
							LE		17.0	20.0	
						TIA	68.1 319 -P	04 00 52.5	-0.7		

1985 11 28

O=02 41 07.7 ± 0.09s

LAT=13.59 S ± 2.13km

LONG=166.35 E ± 2.58km

DEPTH= 35 km ± 0.68km

STATIONS USED = 37, STAND DEV = 1.78s

NJ2	64.2 316 -P	02 51 42.4	0.3
WHN	66.5 312 +iP	02 51 57.0	0.2
CN2	68.2 329 -iP	02 52 08.0	0.5
GYA	70.3 305 P	02 52 21.4	0.8
BJI	70.8 321 cP	02 52 24.0	0.5
TIY	71.8 318 P	02 52 30.7	1.2
CD2	74.6 308 cP	02 52 47.1	1.2

1985 11 28

O=03 49 55.2 ± 0.15s

LAT=13.95 S ± 2.78km

LONG=166.30 E ± 2.69km

DEPTH= 46 km ± 0.94km

STATIONS USED = 180, STAND DEV = 2.21s

Ms=6.9/19, m_B=6.9/18

QZH	60.5 309 -P	04 00 02.5	-0.9
	sP	04 00 19.0	-1.4

			PMZ	$m_B = 6.5$	6.0	3.97			SME		10.0	5.40
			S	04 09 50.0	3.1				LN	$M_s = 6.9$	18.0	19.3
			LE						LE		18.0	28.5
CN2	68.5	329	-iP	04 00 54.6	-0.8		LZH	77.1	313	-iP	04 01 47.5	1.0
			PMZ						PMZ	$m_B = 6.9$	4.0	7.06
			eS	04 09 49.0	-3.6				sP	04 02 02.0	-1.5	
			SMN			15.0			S	04 11 33.0	4.0	
			LZ			16.0			SME	$m_B = 6.9$	11.0	9.43
GYA	70.5	305	P	04 01 08.0	0.1				SKS	04 11 57.0	8.6	
			S	04 10 23.0	8.2				LN	$M_s = 6.7$	16.0	18.3
			LN			20.0			LE		16.0	8.54
			LE			20.0	GTA	81.5	314	-iP	04 02 10.7	0.7
BJI	71.1	321	eP	04 01 11.0	-0.2				iS	04 12 21.0	4.2	
			PMZ			4.0			SME	$m_B = 7.2$	10.0	17.8
			epP	04 01 20.0	-3.4				LE	$M_s = 6.5$	17.5	11.1
			eS	04 10 24.0	1.2		LSA	84.4	302	-P	04 02 25.8	0.7
			SMN			13.0			iS	04 12 53.0	6.4	
			SME			15.0			SME		15.0	25.2
			LN			20.0	WMQ	91.5	315	-iP	04 02 59.5	0.4
TIY	72.1	318	-iP	04 01 17.6	0.5				PMZ	$m_B = 7.2$	6.0	8.98
			PMZ			5.0			PP	04 06 31.5	-6.6	
			PcP	04 01 31.0	-3.5				LN	$M_s = 7.0$	20.0	37.2
			SMN			10.0	KSH	99.0	308	cP	04 03 38.0	4.9
			SME			11.0						
			LN			15.0						
			LE			18.0						
XAN	72.5	313	P	04 01 19.1	-0.5							
			PMZ			5.0						
			S	04 10 45.0	7.4							
			SMN			14.0						
			SME			15.0						
			LN			16.0						
			LE			18.0						
KMI	73.1	302	-iP	04 01 24.5	1.0							
			PMZ			4.0						
			sP	04 01 38.0	-2.5							
			S	04 10 48.5	3.8							
			LN			17.0						
HHC	74.4	320	+iP	04 01 31.5	0.6							
			PMZ			2.0						
			PP	04 04 25.0	7.2							
			eS	04 11 10.0	9.2							
			SMN			10.0						
CD2	74.8	308	P	04 01 33.7	0.5							
			S	04 11 11.0	7.4							
			LN			24.0						
BTO	75.2	319	-iP	04 01 36.0	0.3							
			PP	04 04 23.0	-2.3							
			iS	04 11 08.0	-2.2							
			SMN			10.0						

1985 11 28

O = 06 37 46.2 ± 0.13s
 LAT = 13.76 S ± 2.46km
 LONG = 166.34 E ± 2.81km
 DEPTH = 26 km ± 0.62km
 STATIONS USED = 133, STAND DEV = 2.03s
 $M_s = 5.5 / 7$, $m_B = 5.9 / 3$

QZH	60.4	309	P	06 47 56.0	-0.2							
			S	06 56 05.0	-1.9							
SSE	62.2	317	-P	06 48 08.0	-0.3							
			PMZ								1.0	0.050
GZH	63.5	305	-P	06 48 17.5	0.6							
NJ2	64.4	316	-P	06 48 22.6	0.1							
			sP	06 48 37.0	2.5							
			LZ							$M_s = 5.5$	18.0	1.70
QZN	64.5	299	cP	06 48 22.5	-0.9							
			PcP	06 48 56.0	-0.6							
			eS	06 56 55.0	-4.5							
			sS	06 57 11.0	-2.4							
			LE							$M_s = 5.5$	16.0	1.50
WHN	66.6	312	P	06 48 36.5	-0.6							
			PMZ							$m_B = 5.9$	8.0	1.15
			pP	06 48 48.0	2.4							
DL2	67.0	323	P	06 48 39.5	0.1							
			eS	06 57 36.0	5.9							
			LE							$M_s = 5.2$	13.0	0.62

XAN	72.4	313	cP	19 21 06.8	0.0
KMI	73.0	302	-P	19 21 11.5	0.6
LZH	77.0	313	cP	19 21 35.0	1.3

1985 11 28

O = 20 39 00.8 ± 0.10s
 LAT = 13.81 S ± 2.12km
 LONG = 166.45 E ± 2.11km
 DEPTH = 42 km ± 0.84km

STATIONS USED = 23, STAND DEV = 1.64s

MDJ	67.1	332	cP	20 49 53.5	0.7
			pP	20 50 03.6	-0.6
CN2	68.5	329	cP	20 50 00.5	-0.8
			pP	20 50 10.5	-2.1
BJI	71.1	321	cP	20 50 16.5	-0.7
TIY	72.1	318	cP	20 50 23.5	0.3
KMI	73.2	302	-P	20 50 31.0	1.1
CD2	74.8	308	cP	20 50 40.2	0.8
LZH	77.1	312	cP	20 50 54.5	1.8
GTA	81.5	314	P	20 51 16.0	-0.1
WMQ	91.5	315	-P	20 52 05.0	-0.3

1985 11 28

O = 22 24 25.7 ± 0.09s
 LAT = 33.62 N ± 2.00km
 LONG = 141.45 E ± 1.74km
 DEPTH = 43 km ± 0.78km

STATIONS USED = 40, STAND DEV = 1.88s

CN2	16.1	314	cP	22 28 10.5	-0.1
SNY	16.3	305	cP	22 28 19.0	5.4
BJI	21.2	295	cP	22 29 12.0	2.0
WHN	23.1	270	cP	22 29 29.5	0.1
TIY	23.9	288	cP	22 29 37.9	1.3
HHC	24.8	296	cP	22 29 46.8	1.4
BTO	25.9	295	cP	22 29 56.5	0.3
XAN	27.0	280	-P	22 30 04.8	-1.0
GYA	30.8	266	cP	22 30 39.0	-1.5
CD2	31.9	276	cP	22 30 47.9	-1.7
WMQ	42.5	300	P	22 32 20.5	1.4

1985 11 29

O = 01 09 48.4 ± 0.12s
 LAT = 13.73 S ± 2.24km
 LONG = 166.20 E ± 2.74km
 DEPTH = 34 km ± 0.61km

STATIONS USED = 85, STAND DEV = 1.86s

Ms = 5.2 / 5, m_B = 5.5 / 6

SSE	62.1	317	cP	01 20 08.5	-0.2
			cS	01 28 30.0	0.0
			LN	Ms = 5.3	16.0 1.16

NJ2	64.2	316	+P	01 20 23.6	0.7
			pP	01 20 34.3	1.5
			S	01 29 02.0	6.3
			LZ	Ms = 4.9	18.0 0.50

WHN	66.5	312	-P	01 20 37.7	0.2
			pP	01 20 48.0	0.7
MDJ	66.9	332	cP	01 20 42.0	1.9
			PP	01 23 10.0	1.5
			S	01 29 35.0	6.6
			SMN	m _B = 5.6	12.0 0.86
			LZ	Ms = 5.0	25.0 0.72

TIA	67.9	319	cP	01 20 46.0	-0.3
CN2	68.3	329	-P	01 20 49.0	0.5
			eS	01 29 49.0	3.2
			SME	m _B = 5.4	12.0 0.50
			cSS	01 34 11.0	1.8
			LZ	Ms = 5.2	18.0 0.90

GYA	70.3	305	P	01 21 02.4	1.2
BJI	70.8	321	cP	01 21 04.0	-0.4
			PMZ	m _B = 5.4	6.0 0.32
			cpP	01 21 16.0	1.9
			cS	01 30 20.0	3.8
			SMN	m _B = 5.4	9.0 0.34

TIY	71.8	318	P	01 21 10.9	0.6
			cS	01 30 28.0	0.1
XAN	72.3	313	cP	01 21 12.4	-0.5
KMI	72.9	302	cP	01 21 18.0	1.1
			pP	01 21 28.5	2.1
			SMN	m _B = 5.5	7.0 0.32

HHC	74.2	320	cP	01 21 24.8	0.7
CD2	74.6	308	cP	01 21 27.0	0.5
BTO	75.0	319	P	01 21 30.0	1.0
			ePP	01 24 22.0	3.9
			cS	01 31 06.5	2.8
			LN	Ms = 5.5	18.0 1.30
			LE		18.0 0.60

LZH	76.9	313	+P	01 21 41.0	1.1
			PMZ		1.5 0.070
GTA	81.2	314	-P	01 22 03.4	-0.1
			S	01 32 15.5	6.9
			SME	m _B = 5.7	9.5 0.51

LSA	84.2	302	cP	01 22 18.8	0.0
WMQ	91.3	315	P	01 22 52.7	-0.1

1985 11 29

O = 02 53 24.2 ± 0.08s
 LAT = 11.57 N ± 1.12km
 LONG = 140.95 E ± 1.95km
 DEPTH = 80 km ± 0.51km

STATIONS USED = 30, STAND DEV = 1.44s

HHC	34.1	25	+P	12 09 23.2	0.0
BJI	35.5	31	cP	12 09 35.5	0.1
SNY	40.8	35	cP	12 10 18.6	-0.3
CN2	43.1	34	cP	12 10 36.0	-2.0

1985 11 29

O = 12 05 05.9 ± 0.13s
LAT = 28.08 N ± 2.45km
LONG = 140.72 E ± 2.05km
DEPTH = 36 km ± 0.61km
STATIONS USED = 11, STAND DEV = 3.26s
Ms = 4.4 / 2,

SSE	17.3	285	cP	12 09 09.0	3.0
			LN	Ms=4.4	14.0 0.94
SNY	19.6	319	cP	12 09 34.0	0.0
			LE	Ms=4.3	12.0 0.60

1985 11 29

O = 12 45 18.5 ± 0.10s
LAT = 0.30 S ± 1.98km
LONG = 97.67 E ± 1.98km
DEPTH = 37 km ± 0.84km
STATIONS USED = 80, STAND DEV = 1.53s
Ms = 5.1 / 13,

QZN	22.6	31	-iP	12 50 20.0	2.5
			S	12 54 20.5	3.0
			LN	Ms=5.1	11.0 1.60
			LE		11.0 1.60
KMI	25.7	11	+P	12 50 49.5	1.6
			PMZ		1.5 0.17
			pP	12 50 59.0	1.7
			cS	12 55 14.0	1.8
			LN	Ms=4.8	12.0 1.20
GYA	28.0	17	P	12 51 08.6	0.3
			S	12 55 44.0	-3.4
			LE	Ms=5.0	15.0 2.10
LSA	30.5	349	+P	12 51 31.0	0.1
CD2	31.6	10	cP	12 51 39.7	-0.5
			LN	Ms=5.1	11.0 1.55
WHN	34.5	26	cP	12 52 05.5	-0.3
XAN	35.8	16	+iP	12 52 16.0	-0.3
			LN	Ms=5.0	10.0 0.63
			LE		11.0 0.68
LZH	36.7	8	cP	12 52 24.0	0.0
			PMZ		1.5 0.070
NJ2	37.9	30	-P	12 52 34.9	0.6
			LE	Ms=4.9	12.0 0.80
SSE	38.4	33	+P	12 52 39.0	0.7
			PMZ		1.0 0.040
			pP	12 52 47.6	-0.8

			sP	12 52 54.0	1.3
			LN	Ms=5.3	14.0 2.05
GTA	39.6	3	+P	12 52 43.0	-5.3
			LE	Ms=4.8	11.2 0.55
TIY	40.2	18	cP	12 52 53.4	-0.1
			LN	Ms=5.2	11.0 1.11
			LE		12.0 0.62
BTO	42.2	14	cP	12 53 11.0	0.7
			cS	12 59 26.0	-2.0
			LN	Ms=5.3	12.0 1.00
			LE		11.0 0.90
HHC	42.9	16	P	12 53 16.6	1.2
			cS	12 59 37.0	-0.3
			LN	Ms=5.2	11.0 0.97
BJI	43.6	21	cP	12 53 21.5	0.6
			cS	12 59 40.0	-7.2
			esS	12 59 58.0	-6.2
KSH	44.3	336	cP	12 53 28.0	1.2
			cS	13 00 02.0	4.2
WMQ	44.8	350	+iP	12 53 32.0	0.8
SNY	48.0	26	-iP	12 53 56.0	-0.5
			cS	13 00 56.0	4.9
			LE	Ms=5.1	16.0 0.93
CN2	50.4	26	+P	12 54 14.0	-1.0
			cS	13 01 18.0	-6.7
			LZ	Ms=5.2	15.0 1.10
MDJ	52.9	28	cP	12 54 33.3	-0.6

1985 11 29

O = 14 01 20.6 ± 0.11s
LAT = 40.02 S ± 3.13km
LONG = 16.19 W ± 2.72km
DEPTH = 6 km ± 0.27km
STATIONS USED = 14, STAND DEV = 2.83s

SNY	149.7	73	cPKP	14 21 10.8	3.0
CN2	151.4	70	+PKP	14 21 13.8	3.5

1985 11 29

O = 14 43 38.0 ± 0.07s
LAT = 13.78 S ± 1.43km
LONG = 166.53 E ± 1.46km
DEPTH = 37 km ± 0.52km
STATIONS USED = 28, STAND DEV = 1.02s

NJ2	64.5	316	+P	14 54 13.0	-0.9
MDJ	67.1	332	cP	14 54 30.0	-0.6
CN2	68.5	329	cP	14 54 38.0	-1.1
GYA	70.6	305	cP	14 54 52.0	-0.3
BJI	71.1	321	cP	14 54 54.5	-0.6
TIY	72.1	318	P	14 55 01.4	0.2
XAN	72.5	313	cP	14 55 04.6	0.8

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CD2	74.9	308	P	14 55 17.9	0.4
GTA	81.5	314	P	14 55 54.2	0.1
WMQ	91.6	315	+P	14 56 43.2	-0.1

1985 11 29

O = 18 02 07.6 ± 0.14s
 LAT = 28.42 N ± 1.47km
 LONG = 140.53 E ± 2.23km
 DEPTH = 94 km ± 0.60km

STATIONS USED = 10, STAND DEV = 2.16s

TIA	21.2	297	cP	18 06 45.9	-1.9
			LE		17.0 1.63
BJI	23.2	306	cP	18 07 04.0	-2.7
TIY	25.2	299	cP	18 07 28.2	1.5
HHC	26.7	305	cP	18 07 39.8	-0.9
CD2	32.0	284	cP	18 08 29.7	2.5
GTA	35.3	299	cP	18 08 58.0	2.4
WMQ	44.6	305	cP	18 10 11.5	-1.4

1985 11 30

O = 00 41 01.8 ± 0.09s
 LAT = 28.02 N ± 1.22km
 LONG = 140.41 E ± 1.79km
 DEPTH = 32 km ± 0.24km

STATIONS USED = 8, STAND DEV = 2.06s

TIY	25.3	300	cP	00 46 25.4	-2.2
CD2	32.0	284	cP	00 47 28.0	0.7
GTA	35.4	299	P	00 47 55.4	-1.4
WMQ	44.8	305	P	00 49 14.0	-0.6

1985 11 30

O = 02 28 10.1 ± 0.12s
 LAT = 29.27 S ± 3.09km
 LONG = 61.08 E ± 2.77km
 DEPTH = 10 km ± 0.10km

STATIONS USED = 99, STAND DEV = 1.84s

					$m_B = 5.7 / 3$
LSA	65.3	29	cP	02 38 55.4	-0.2
			S	02 47 40.0	3.7
			SMN		$m_B = 5.7$ 5.0 0.35
KMI	67.3	41	-P	02 39 07.5	-0.5
KSH	69.8	12	cP	02 39 24.0	0.6
GYA	70.6	43	P	02 39 27.8	-0.5
CD2	72.3	38	cP	02 39 37.2	-1.6
GZH	72.4	50	cP	02 39 40.0	1.0
LZH	76.4	34	cP	02 40 02.0	-0.8
WMQ	76.7	19	P	02 40 04.1	-0.1
			S	02 49 56.0	7.3
			SME		$m_B = 6.1$ 7.0 1.01
GTA	77.3	30	-iP	02 40 06.7	-0.6

XAN	77.5	39	-P	02 40 07.6	-1.1
NJ2	82.0	46	+P	02 40 32.6	-0.2
TIY	82.2	39	P	02 40 33.0	-0.6
SSE	82.9	49	cP	02 40 36.5	-0.8
BTO	83.0	35	cP	02 40 37.6	-0.4
TIA	83.8	42	-P	02 40 41.3	-0.5
HHC	84.0	36	P	02 40 43.2	0.2
BJI	85.9	39	cP	02 40 52.0	-0.2
			cS	02 51 25.0	0.4

SMN $m_B = 5.7$ 8.0 0.39
 SME 7.5 0.34

CN2	93.5	41	cP	02 41 35.0	6.5
MDJ	96.4	42	cP	02 41 40.0	-1.7

1985 11 30

O = 03 04 16.7 ± 0.17s
 LAT = 16.33 S ± 2.26km
 LONG = 174.06 W ± 2.34km
 DEPTH = 153 km ± 0.98km

STATIONS USED = 137, STAND DEV = 1.69s

					$m_B = 6.0 / 13$
QZH	77.4	301	cP	03 15 57.0	0.0
			cS	03 25 34.0	0.2
SSE	78.0	308	+P	03 16 00.5	0.0
			PMZ		1.0 0.040
MDJ	79.4	323	+iP	03 16 07.7	-0.2
			pP	03 16 44.0	-0.9
			S	03 25 52.0	-1.4
			SME		$m_B = 6.0$ 8.0 1.27
			SKS	03 26 06.0	2.4
NJ2	80.2	307	+P	03 16 12.0	-0.4
GZH	81.1	297	+P	03 16 18.0	1.2
			cS	03 26 18.0	5.6
DL2	81.4	315	P	03 16 19.0	0.5
			S	03 26 14.0	-0.1
CN2	81.4	320	+iP	03 16 17.8	-0.8
			PMZ		$m_B = 5.6$ 4.0 0.50
			pP	03 16 57.0	1.2
			sP	03 17 14.0	1.6
			cS	03 26 13.0	-3.0
			SME		$m_B = 5.9$ 7.0 0.90
			PS	03 27 23.0	
			SS	03 31 34.0	-2.7
			LN		32.0 2.00
SNY	81.5	318	+P	03 16 18.8	-0.5
			PMZ		$m_B = 5.8$ 5.0 0.82
			pP	03 16 59.0	2.4
			S	03 26 17.0	1.3
			SMN		$m_B = 6.0$ 8.0 0.45
			SME		7.0 0.99

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GYA	12.7	215	P	14 41 29.4	0.5		
			S	14 43 50.0	-1.0		
			LN	$M_s=5.1$		8.0	2.00
			LE			8.0	3.90
MDJ	13.4	52	cP	14 41 42.0	4.6		
			LG ₁	14 45 30.0	4.3		
			LZ	$M_s=4.1$		15.0	0.82
GZH	14.1	186	cP	14 41 48.0	1.2		
			cS	14 44 23.0	-1.2		
			LE	$M_s=4.9$		7.0	2.36
KMI	15.8	224	+P	14 42 13.5	3.7		
			S	14 45 12.0	7.4		
			LN	$M_s=4.9$		14.0	3.37
WMQ	21.6	296	P	14 43 21.8	4.8		
			LN			3.0	1.08
			LE			2.0	0.27
1985 11 30							
O = 15 21 53.0 ± 0.06s							
LAT = 34.66 N ± 1.12km							
LONG = 136.78 E ± 1.01km							
DEPTH = 332 km ± 0.84km							
STATIONS USED = 103, STAND DEV = 1.24s							
MDJ	11.4	333	cP	15 24 29.7	1.0		
			sP	15 25 44.5	3.4		
SNY	12.6	308	-iP	15 24 45.0	1.5		
			S	15 27 04.0	5.8		
CN2	12.7	319	-P	15 24 44.4	0.2		
			PMZ			2.0	0.30
			cS	15 27 01.0	1.1		
			PcP	15 29 52.4	-0.9		
			ScP	15 32 53.5	0.0		
DL2	12.9	294	cP	15 24 49.0	2.3		
SSE	13.6	259	-P	15 24 55.0	-0.2		
			PMZ			1.0	0.050
NJ2	15.2	265	-P	15 25 12.5	-0.9		
TIA	16.1	281	cP	15 25 22.6	-0.4		
BJI	17.2	294	cP	15 25 33.0	-1.7		
WHN	19.3	264	-iP	15 25 56.7	0.8		
TIY	19.9	286	cP	15 26 01.4	0.1		
			sP	15 27 32.0	-1.4		
			S	15 29 30.0	8.7		
			LE			11.0	0.12
HHC	20.8	295	-P	15 26 10.2	-0.6		
BTO	22.0	294	cP	15 26 21.4	-0.2		
XAN	23.0	276	-iP	15 26 31.5	0.3		
GZH	23.5	247	P	15 26 37.0	1.3		
LZH	26.8	283	cP	15 27 06.0	-0.3		
GYA	27.1	261	-P	15 27 08.4	-0.4		
			pP	15 28 07.8	-1.6		

			S	15 31 20.6	-0.6		
CD2	27.9	272	-iP	15 27 16.1	0.0		
			PMZ			0.7	0.21
GTA	29.7	290	-iP	15 27 31.8	-0.3		
			ScP	15 33 35.4	0.4		
KMI	30.9	261	+P	15 27 41.5	-0.5		
WMQ	38.6	299	P	15 28 48.0	1.0		
			S	15 34 21.0	2.9		
LSA	38.7	276	cP	15 28 44.8	-3.2		
1985 11 30							
O = 20 49 54.5 ± 0.05s							
LAT = 32.48 N ± 0.71km							
LONG = 137.42 E ± 0.99km							
DEPTH = 400 km ± 0.67km							
STATIONS USED = 55, STAND DEV = 0.82s							
$m_B = 4.6 / 1$							
MDJ	13.6	336	cP	20 52 53.1	-1.2		
SSE	13.9	269	cP	20 52 55.8	-1.8		
SNY	14.4	314	+iP	20 53 03.7	0.2		
CN2	14.7	324	cP	20 53 06.6	0.3		
NJ2	15.7	273	-P	20 53 16.0	-0.7		
BJI	18.7	300	cP	20 53 46.0	-0.8		
			cS	20 56 58.0	3.2		
			SMN	$m_B=4.6$		7.0	0.33
			SME			8.0	0.23
WHN	19.8	271	-P	20 53 58.0	0.8		
			PMZ			0.6	0.17
TIY	21.1	291	-P	20 54 11.0	1.0		
HHC	22.3	299	+P	20 54 22.2	0.6		
BTO	23.4	298	P	20 54 32.0	0.4		
XAN	23.9	282	-iP	20 54 36.0	0.3		
GYA	27.4	265	P	20 55 06.8	-0.6		
			pP	20 56 22.0	-1.1		
			S	20 59 17.0	-0.5		
LZH	27.9	287	cP	20 55 11.5	-0.5		
			PMZ			1.5	0.050
CD2	28.6	276	cP	20 55 18.0	-0.2		
GTA	31.1	294	-iP	20 55 39.0	-0.4		
			S	21 00 13.3	-1.5		
			ScP	21 01 29.0	1.9		
LSA	39.5	279	-P	20 56 51.2	0.8		
WMQ	40.2	301	P	20 56 56.3	0.7		
			S	21 02 33.8	1.4		
			SMN			2.0	0.050
			SME			2.0	0.030
1985 11 30							
O = 21 16 39.8 ± 0.10s							
LAT = 28.10 N ± 2.31km							

LONG = 140.55 E		± 3.30km							
DEPTH = 29 km		± 2.87km							
STATIONS USED = 18,		STAND DEV = 1.81s							
Ms = 4.2 / 5,		m _B = 5.3 / 10							
SSE	17.1	285	cP	21 20	38.0	-0.5			
DL2	19.1	309	P	21 21	02.0	-0.8			
			PMZ		m _B = 5.3	5.0	0.72		
			SME		m _B = 5.1	8.0	0.71		
NJ2	19.2	287	+P	21 21	04.0	0.0			
			PMZ		m _B = 5.4	7.0	1.40		
			cS	21 24	35.0	1.6			
			LE		Ms = 4.2	10.0	0.40		
CN2	19.8	326	-P	21 21	08.0	-3.1			
			cS	21 24	45.0	-2.9			
			LN		Ms = 4.5	10.0	0.70		
TIA	21.4	298	P	21 21	26.3	-1.1			
			PMZ		m _B = 5.3	5.0	0.74		
			SME		m _B = 5.3	5.0	0.55		
			LE		Ms = 4.2	10.0	0.31		
WHN	23.0	282	P	21 21	43.0	0.0			
			PMZ		m _B = 5.5	5.0	1.15		
			SMN		m _B = 5.1	7.0	0.48		
			LN		Ms = 4.4	10.0	0.40		
BJI	23.4	307	cP	21 21	47.0	0.1			
			PMZ		m _B = 5.2	5.0	0.54		
			cS	21 25	55.0	0.7			
			SMN		m _B = 5.3	7.0	0.50		
			SME			9.0	0.58		
TIY	25.4	299	P	21 22	07.5	0.8			
			PMZ		m _B = 5.7	4.0	0.77		
			PP	21 22	44.0	-1.2			
			S	21 26	35.5	7.2			
			LN		Ms = 4.2	10.0	0.12		
			LE			10.0	0.23		
GTA	35.4	299	cP	21 23	33.5	-2.3			
WMQ	44.8	305	P	21 24	54.6	1.1			