

| Sta. code | Δ (deg.) | Az (deg.) | Phase | UTC h min s | Resid (s) | T (s) | A (μm) | Sta. code | Δ (deg.) | Az (deg.) | Phase | UTC h min s | Resid (s) | T (s) | A (μm) |
|--|----------|-----------|-------|-------------|---------------------|-------|--------|-----------|----------|-----------|-------|-------------|-----------|-------|--------|
| <p>1986 12 1 O=12 30 00.8 ± 0.13s LAT=27.70 S ± 3.75km LONG=176.27 W ± 4.03km DEPTH= 34 km ± 1.05km STATIONS USED = 76, STAND DEV = 1.86s Ms=6.0/ 23, m_B=6.0/ 9</p> | | | | | | | | | | | | | | | |
| QZH | 81.7 | 304 | P | 12 42 16.0 | -2.0 | | | | | | | | | | |
| | | | S | 12 52 26.0 | 0.3 | | | | | | | | | | |
| | | | LN | | Ms=5.7 | 19.0 | 1.96 | | | | | | | | |
| SSE | 83.5 | 310 | +P | 12 42 26.0 | -1.3 | | | | | | | | | | |
| | | | PMZ | | | 1.0 | 0.070 | | | | | | | | |
| | | | PP | 12 45 36.0 | -4.6 | | | | | | | | | | |
| | | | eS | 12 52 42.0 | -3.7 | | | | | | | | | | |
| | | | LN | | Ms=5.5 | 16.0 | 0.98 | | | | | | | | |
| GZH | 84.6 | 299 | P | 12 42 33.5 | 0.6 | | | | | | | | | | |
| | | | S | 12 52 50.0 | -5.1 | | | | | | | | | | |
| | | | LN | | Ms=5.9 | 16.0 | 2.00 | | | | | | | | |
| | | | LE | | | 16.0 | 1.75 | | | | | | | | |
| QZN | 85.2 | 294 | eP | 12 42 39.0 | 3.0 | | | | | | | | | | |
| | | | eS | 12 53 03.0 | 0.1 | | | | | | | | | | |
| | | | SS | 12 58 36.0 | -3.0 | | | | | | | | | | |
| | | | LE | | Ms=5.9 | 20.0 | 3.50 | | | | | | | | |
| NJ2 | 85.7 | 310 | +P | 12 42 38.0 | -0.1 | | | | | | | | | | |
| | | | sP | 12 42 47.0 | -5.0 | | | | | | | | | | |
| | | | eS | 12 53 02.0 | -5.0 | | | | | | | | | | |
| | | | SMN | | | 16.0 | 4.20 | | | | | | | | |
| MDJ | 87.3 | 325 | eP | 12 42 45.4 | -0.6 | | | | | | | | | | |
| | | | SKS | 12 53 05.0 | -2.3 | | | | | | | | | | |
| | | | S | 12 53 12.0 | -8.9 | | | | | | | | | | |
| | | | SME | | | 13.0 | 5.05 | | | | | | | | |
| | | | LE | | Ms=6.0 | 20.0 | 3.95 | | | | | | | | |
| WHN | 88.0 | 306 | eP | 12 42 49.0 | -0.2 | | | | | | | | | | |
| | | | PMZ | | m _B =6.1 | 8.0 | 1.28 | | | | | | | | |
| | | | sP | 12 43 07.0 | 3.8 | | | | | | | | | | |
| | | | SKS | 12 53 04.0 | -7.5 | | | | | | | | | | |
| | | | SMN | | m _B =6.0 | 10.0 | 1.66 | | | | | | | | |
| | | | LE | | Ms=6.0 | 18.0 | 3.29 | | | | | | | | |
| DL2 | 88.0 | 316 | eP | 12 42 48.5 | -1.1 | | | | | | | | | | |
| | | | pP | 12 43 00.0 | 0.5 | | | | | | | | | | |
| | | | S | 12 53 20.0 | -7.8 | | | | | | | | | | |
| SNY | 88.7 | 320 | +iP | 12 42 52.0 | -0.8 | | | | | | | | | | |
| | | | PMZ | | | 14.0 | 1.24 | | | | | | | | |
| | | | PP | 12 46 18.0 | -5.2 | | | | | | | | | | |
| | | | SMN | | | 13.0 | 3.77 | | | | | | | | |
| | | | SME | | | 11.0 | 0.95 | | | | | | | | |
| | | | LN | | | | | | | | | | | | |
| | | | LE | | | | | | | | | | | | |
| CN2 | 88.9 | 322 | +P | 12 42 53.0 | -0.9 | | | | | | | | | | |
| | | | PMZ | | m _B =6.2 | 6.0 | 1.00 | | | | | | | | |
| | | | pP | 12 43 00.0 | -3.9 | | | | | | | | | | |
| | | | SKS | 12 53 18.0 | 0.5 | | | | | | | | | | |
| | | | eS | 12 53 30.0 | -8.0 | | | | | | | | | | |
| | | | SMN | | | | | | | | | | | | |
| | | | | | | 14.0 | 5.00 | | | | | | | | |
| TIA | 89.3 | 312 | eP | 12 42 55.2 | -0.3 | | | | | | | | | | |
| | | | eSKS | 12 53 20.0 | 0.4 | | | | | | | | | | |
| | | | S | 12 53 30.0 | -9.3 | | | | | | | | | | |
| | | | SMN | | m _B =6.0 | 11.0 | 0.90 | | | | | | | | |
| | | | SME | | | 11.0 | 1.17 | | | | | | | | |
| | | | SS | 12 59 40.0 | 2.7 | | | | | | | | | | |
| | | | LN | | Ms=6.1 | 14.0 | 2.14 | | | | | | | | |
| | | | LE | | | 18.0 | 2.60 | | | | | | | | |
| GYA | 91.5 | 299 | P | 12 43 04.4 | -1.9 | | | | | | | | | | |
| | | | sP | 12 43 16.0 | -4.1 | | | | | | | | | | |
| | | | S | 12 53 50.0 | -9.8 | | | | | | | | | | |
| | | | SME | | m _B =6.0 | 12.0 | 1.50 | | | | | | | | |
| BJI | 92.1 | 315 | eP | 12 43 07.0 | -1.6 | | | | | | | | | | |
| | | | eSKS | 12 53 38.0 | 1.9 | | | | | | | | | | |
| | | | eS | 12 54 02.0 | -4.2 | | | | | | | | | | |
| | | | SMN | | m _B =6.5 | 12.0 | 4.49 | | | | | | | | |
| | | | SME | | | 9.0 | 1.15 | | | | | | | | |
| | | | LN | | Ms=5.8 | 16.0 | 1.85 | | | | | | | | |
| TIY | 93.2 | 311 | eP | 12 43 13.0 | -1.0 | | | | | | | | | | |
| | | | pP | 12 43 21.0 | -2.8 | | | | | | | | | | |
| | | | SKS | 12 53 46.0 | 3.4 | | | | | | | | | | |
| | | | S | 12 54 23.5 | 9.1 | | | | | | | | | | |
| | | | SMN | | | 13.0 | 5.48 | | | | | | | | |
| | | | LN | | Ms=6.0 | 16.0 | 2.47 | | | | | | | | |
| | | | LE | | | 16.0 | 1.36 | | | | | | | | |
| KMI | 94.0 | 296 | eP | 12 43 18.0 | 0.5 | | | | | | | | | | |
| | | | pP | 12 43 24.0 | -3.2 | | | | | | | | | | |
| | | | sP | 12 43 27.0 | -4.2 | | | | | | | | | | |
| | | | SKS | 12 53 49.0 | 2.3 | | | | | | | | | | |
| | | | eS | 12 54 23.0 | -0.2 | | | | | | | | | | |
| HHC | 95.5 | 313 | eP | 12 43 27.5 | 3.3 | | | | | | | | | | |
| CD2 | 95.9 | 302 | eP | 12 43 29.8 | 3.5 | | | | | | | | | | |
| | | | S | 12 54 40.0 | 2.3 | | | | | | | | | | |
| | | | SME | | m _B =6.1 | 12.0 | 1.62 | | | | | | | | |
| | | | sS | 12 54 54.0 | -2.1 | | | | | | | | | | |
| BTO | 96.3 | 313 | P | 12 43 28.0 | -0.2 | | | | | | | | | | |
| | | | pP | 12 43 35.0 | -2.9 | | | | | | | | | | |
| | | | ePP | 12 47 18.0 | -5.2 | | | | | | | | | | |
| | | | S | 12 54 35.0 | -6.0 | | | | | | | | | | |



| | | | | | |
|-----|-------|-----|-----|------------|-----------|
| NJ2 | 85.6 | 309 | eP | 14 15 38.0 | -2.5 |
| MDJ | 87.1 | 324 | eP | 14 15 45.8 | -1.9 |
| WHN | 87.9 | 306 | P | 14 15 52.5 | 0.7 |
| SNY | 88.5 | 319 | eP | 14 15 55.0 | 0.2 |
| CN2 | 88.7 | 322 | eP | 14 15 51.0 | -4.8 |
| TIA | 89.2 | 312 | eP | 14 15 58.9 | 1.1 |
| GYA | 91.6 | 299 | P | 14 16 09.4 | 0.1 |
| BJI | 92.0 | 315 | eP | 14 16 11.0 | 0.2 |
| TIY | 93.1 | 311 | eP | 14 16 17.0 | 0.7 |
| | | | SKS | 14 26 53.0 | 9.5 |
| | | | sS | 14 27 39.0 | 1.6 |
| | | | LE | Ms=5.5 | 14.0 0.81 |
| KMI | 94.0 | 296 | +P | 14 16 21.5 | 0.9 |
| CD2 | 96.0 | 302 | (P) | 14 16 24.9 | -4.2 |
| GTA | 102.6 | 308 | eP | 14 16 50.0 | -9.4 |

1986 12 1
 O=18 51 06.3 ± 0.13s
 LAT=56.66 S ± 2.78km
 LONG=147.27 E ± 2.47km
 DEPTH= 5 km ± 0.61km
 STATIONS USED = 23, STAND DEV= 1.69s
 Ms=5.6/ 3,

| | | | | | |
|-----|-------|-----|------|------------|-----------|
| GYA | 89.6 | 324 | P | 19 04 10.0 | 2.5 |
| KMI | 89.7 | 321 | eP | 19 04 08.0 | 0.0 |
| SSE | 90.2 | 338 | eP | 19 04 10.0 | 0.1 |
| | | | ePP | 19 07 46.0 | 1.3 |
| | | | eSKS | 19 14 40.0 | 1.5 |
| | | | eS | 19 15 03.0 | 0.5 |
| | | | SS | 19 21 06.0 | 2.7 |
| | | | LN | Ms=5.5 | 20.0 1.20 |
| NJ2 | 91.6 | 336 | eP | 19 04 14.2 | -2.2 |
| CD2 | 94.7 | 324 | (P) | 19 04 32.6 | 1.8 |
| TIY | 98.5 | 333 | e(P) | 19 04 49.6 | 1.4 |
| | | | LN | Ms=5.6 | 17.0 1.08 |
| CN2 | 101.8 | 344 | eP | 19 05 04.0 | 1.2 |

1986 12 1
 O=19 55 06.9 ± 0.33s
 LAT=27.45 S ± 4.27km
 LONG=176.24 W ± 2.55km
 DEPTH= 34 km ± 1.14km
 STATIONS USED = 23, STAND DEV= 1.49s

| | | | | | |
|-----|------|-----|------|------------|------|
| WHN | 87.8 | 306 | eP | 20 07 55.0 | 0.1 |
| CN2 | 88.8 | 322 | eP | 20 07 58.6 | -0.7 |
| | | | pP | 20 08 09.0 | -0.1 |
| TIA | 89.1 | 312 | eP | 20 08 01.0 | -0.1 |
| BJI | 91.9 | 315 | eP | 20 08 17.0 | 2.9 |
| TIY | 93.1 | 311 | e(P) | 20 08 19.6 | 0.1 |
| KMI | 93.9 | 296 | eP | 20 08 25.0 | 1.6 |

1986 12 1
 O=20 15 29.5 ± 0.10s
 LAT= 8.36 N ± 1.36km
 LONG=126.80 E ± 1.72km
 DEPTH= 29 km ± 0.41km
 STATIONS USED = 18, STAND DEV= 1.93s

| | | | | | |
|-----|------|-----|----|------------|------|
| QZN | 19.6 | 305 | eP | 20 19 57.6 | -0.6 |
| BJI | 32.9 | 345 | eP | 20 22 03.0 | -1.2 |
| SNY | 33.5 | 356 | eP | 20 22 08.4 | -0.2 |
| CN2 | 35.3 | 358 | eP | 20 22 24.0 | -0.7 |
| MDJ | 36.2 | 3 | eP | 20 22 32.5 | 0.4 |
| GTA | 39.2 | 326 | +P | 20 22 56.0 | -1.8 |

1986 12 1
 O=23 07 08.5 ± 0.13s
 LAT=51.48 N ± 3.52km
 LONG=174.34 W ± 1.72km
 DEPTH= 25 km ± 1.80km
 STATIONS USED = 31, STAND DEV= 1.56s

| | | | | | |
|-----|------|-----|----|------------|------|
| CN2 | 40.3 | 283 | eP | 23 14 45.5 | 0.0 |
| SNY | 42.5 | 282 | eP | 23 15 04.4 | 0.4 |
| BJI | 48.1 | 285 | eP | 23 15 49.0 | 0.6 |
| BTO | 51.4 | 289 | eP | 23 16 14.8 | 0.7 |
| TIY | 51.8 | 285 | +P | 23 16 17.6 | 0.6 |
| GTA | 58.1 | 294 | P | 23 17 01.6 | -1.3 |
| WMQ | 61.6 | 305 | P | 23 17 26.7 | -0.3 |
| GYA | 63.1 | 279 | P | 23 17 39.0 | 2.1 |

1986 12 2
 O=04 38 49.6 ± 0.12s
 LAT=38.73 N ± 0.89km
 LONG=116.34 E ± 1.17km
 DEPTH= 18 km ± 0.57km
 STATIONS USED = 9, STAND DEV= 3.49s

| | | | | | |
|-----|-----|-----|-----|-------------------------|-----------|
| | | | | M _L =3.3/ 9, | |
| BJI | 1.3 | 355 | Pg | 04 39 14.0 | 0.9 |
| | | | Sg | 04 39 30.5 | -0.7 |
| | | | SMN | M _L =3.5 | 0.5 0.86 |
| | | | SME | | 0.5 0.77 |
| TIA | 2.6 | 166 | ePn | 04 39 31.6 | 0.4 |
| | | | Pg | 04 39 40.2 | 4.8 |
| | | | SMN | M _L =3.1 | 0.5 0.080 |
| | | | SME | | 0.5 0.12 |
| BTO | 5.2 | 293 | ePg | 04 40 20.1 | -2.0 |
| | | | Sg | 04 41 26.5 | -6.7 |

1986 12 2
 O=05 19 02.1 ± 0.10s
 LAT=27.16 S ± 1.70km

December, 1986

LONG = 176.49 W ± 1.80km
 DEPTH = 38 km ± 0.39km
 STATIONS USED = 29, STAND DEV = 1.17s
 Ms = 5.3 / 1, m_B = 5.7 / 2

| | | | | | | | |
|-----|------|-----|------|----------------------|------|------|-------|
| SSE | 83.0 | 310 | eP | 05 31 25.4 | -0.3 | | |
| | | | PMZ | | | 1.0 | 0.020 |
| | | | pP | 05 31 36.5 | 0.1 | | |
| NJ2 | 85.2 | 310 | +P | 05 31 37.0 | 0.4 | | |
| WHN | 87.5 | 306 | eP | 05 31 48.0 | 0.1 | | |
| SNY | 88.2 | 320 | eP | 05 31 50.5 | -0.6 | | |
| CN2 | 88.4 | 322 | +P | 05 31 51.0 | -1.2 | | |
| TIA | 88.8 | 312 | eP | 05 31 54.5 | 0.5 | | |
| BJI | 91.6 | 315 | eP | 05 32 07.5 | 0.4 | | |
| | | | eSKS | 05 42 42.0 | 8.5 | | |
| | | | SMN | m _B = 5.6 | | 10.0 | 0.50 |
| TIY | 92.7 | 311 | e(P) | 05 32 12.5 | 0.0 | | |
| | | | SKS | 05 42 44.5 | 4.4 | | |
| | | | SMN | m _B = 5.8 | | 8.5 | 0.68 |

1986 12 2

O = 05 22 24.2 ± 0.12s
 LAT = 2.91 S ± 1.61km
 LONG = 142.21 E ± 2.50km
 DEPTH = 37 km ± 0.26km
 STATIONS USED = 34, STAND DEV = 1.95s

| | | | | | | | |
|-----|------|-----|-----|------------|------|--|--|
| GYA | 45.1 | 313 | P | 05 30 40.2 | 1.1 | | |
| KMI | 47.3 | 308 | +P | 05 30 58.0 | 0.9 | | |
| SNY | 47.6 | 341 | eP | 05 30 55.0 | -4.1 | | |
| BJI | 49.0 | 333 | eP | 05 31 09.0 | -0.4 | | |
| CD2 | 49.7 | 316 | P | 05 31 15.6 | 0.2 | | |
| GTA | 57.4 | 322 | +iP | 05 32 11.4 | -0.4 | | |
| WMQ | 67.4 | 320 | P | 05 33 18.8 | 0.3 | | |

1986 12 2

O = 18 47 13.6 ± 0.11s
 LAT = 35.91 N ± 2.04km
 LONG = 140.24 E ± 1.34km
 DEPTH = 79 km ± 0.74km
 STATIONS USED = 17, STAND DEV = 2.01s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| CN2 | 13.8 | 309 | -P | 18 50 31.0 | 3.6 | | |
| SNY | 14.3 | 300 | eP | 18 50 36.2 | 3.2 | | |
| BJI | 19.4 | 290 | eP | 18 51 35.0 | -1.1 | | |
| LSA | 41.4 | 276 | +P | 18 54 55.1 | 0.7 | | |

1986 12 3

O = 05 05 32.9 ± 0.14s
 LAT = 51.23 N ± 1.67km
 LONG = 176.48 W ± 1.21km
 DEPTH = 35 km ± 1.25km
 STATIONS USED = 21, STAND DEV = 1.81s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| TIA | 48.6 | 279 | eP | 05 14 16.6 | 0.8 | | |
| XAN | 55.1 | 283 | P | 05 15 04.0 | -0.6 | | |
| GYA | 61.8 | 278 | P | 05 15 51.4 | 0.1 | | |
| KMI | 65.2 | 280 | +P | 05 16 13.5 | -0.2 | | |

1986 12 3

O = 08 55 44.5 ± 0.12s
 LAT = 3.94 S ± 1.40km
 LONG = 128.96 E ± 2.34km
 DEPTH = 34 km ± 0.52km
 STATIONS USED = 39, STAND DEV = 1.56s

| | | | | | | | |
|-----|------|-----|-----|------------|------|--|--|
| NJ2 | 37.1 | 346 | eP | 09 02 55.5 | 1.9 | | |
| GYA | 37.1 | 326 | P | 09 02 58.0 | 3.6 | | |
| KMI | 38.5 | 320 | -P | 09 03 07.0 | 1.0 | | |
| CD2 | 42.2 | 327 | eP | 09 03 35.4 | -0.8 | | |
| TIY | 44.2 | 341 | eP | 09 03 52.0 | -0.6 | | |
| BJI | 45.3 | 346 | eP | 09 03 57.5 | -4.0 | | |
| SNY | 45.8 | 354 | +P | 09 04 06.0 | 0.5 | | |
| CN2 | 47.6 | 357 | eP | 09 04 21.0 | 1.3 | | |
| MDJ | 48.3 | 1 | eP | 09 04 25.5 | 0.2 | | |
| GTA | 50.8 | 331 | -iP | 09 04 43.8 | -0.6 | | |
| WMQ | 60.3 | 327 | P | 09 05 51.2 | -1.6 | | |

1986 12 3

O = 09 13 03.8 ± 0.15s
 LAT = 24.23 N ± 1.88km
 LONG = 122.13 E ± 1.73km
 DEPTH = 35 km ± 1.15km
 STATIONS USED = 38, STAND DEV = 2.46s
 Ms = 3.9 / 2, M_L = 4.1 / 6,

| | | | | | | | |
|-----|------|-----|-----------------|----------------------|------|------|-------|
| QZH | 3.3 | 283 | +P | 09 13 54.3 | -0.1 | | |
| | | | iS | 09 14 30.5 | -2.2 | | |
| | | | SMN | M _L = 3.8 | | 0.5 | 0.37 |
| | | | SME | | | 0.8 | 0.31 |
| SSE | 6.9 | 353 | +P | 09 14 43.8 | -1.3 | | |
| | | | PMZ | | | 0.8 | 0.060 |
| | | | LG ₁ | 09 16 47.4 | 7.1 | | |
| | | | LN | M _S = 3.7 | | 12.0 | 0.79 |
| GZH | 8.1 | 264 | eP | 09 14 54.5 | -7.9 | | |
| | | | eS | 09 16 26.0 | -8.0 | | |
| | | | SME | M _L = 4.0 | | 0.8 | 0.040 |
| NJ2 | 8.3 | 340 | +iP | 09 15 03.0 | -1.9 | | |
| | | | S | 09 16 36.0 | -2.3 | | |
| | | | LN | | | 1.0 | 0.20 |
| GYA | 14.2 | 282 | P | 09 16 25.0 | 0.7 | | |
| TIY | 15.8 | 331 | +P | 09 16 46.6 | 1.1 | | |
| | | | LG ₂ | 09 21 41.0 | -3.8 | | |
| | | | LN | M _S = 4.1 | | 14.0 | 0.56 |
| BJI | 16.5 | 344 | eP | 09 17 00.0 | 5.1 | | |
| BTO | 19.2 | 331 | eP | 09 17 28.4 | 0.3 | | |

| | | | | | |
|-----|------|-----|-----|------------|------|
| | | | eS | 09 21 06.0 | 8.2 |
| CN2 | 19.7 | 7 | P | 09 17 32.0 | -1.3 |
| GTA | 24.2 | 314 | +eP | 09 18 20.0 | 1.7 |

1986 12 3

O = 16 59 56.9 ± 0.17s
 LAT = 24.00 S ± 1.04km
 LONG = 179.83 W ± 1.29km
 DEPTH = 532 km ± 1.67km
 STATIONS USED = 52, STAND DEV = 1.10s

| | | | | | |
|-----|------|-----|------|-----------------|-----------|
| | | | | $m_B = 5.4 / 3$ | |
| MDJ | 82.4 | 326 | +P | 17 11 25.4 | 0.3 |
| WHN | 83.2 | 308 | -P | 17 11 29.0 | 0.2 |
| CN2 | 84.1 | 324 | -iP | 17 11 32.0 | -1.2 |
| | | | PMZ | $m_B = 5.4$ | 4.0 0.60 |
| | | | pP | 17 13 29.0 | 0.6 |
| | | | SKS | 17 21 02.0 | -1.0 |
| | | | eS | 17 21 12.0 | -1.9 |
| | | | sS | 17 24 40.0 | 3.7 |
| GYA | 86.9 | 301 | P | 17 11 47.8 | 0.7 |
| BJI | 87.2 | 316 | eP | 17 11 49.0 | 0.7 |
| | | | eSKS | 17 21 20.0 | -3.5 |
| | | | eS | 17 21 46.0 | 2.7 |
| | | | SMN | $m_B = 5.3$ | 6.0 0.27 |
| TIY | 88.4 | 313 | -P | 17 11 54.0 | 0.2 |
| | | | PMZ | | 1.0 0.070 |
| | | | S | 17 22 00.0 | 7.8 |
| KMI | 89.4 | 298 | -P | 17 12 00.0 | 1.0 |
| CD2 | 91.3 | 303 | eP | 17 12 08.0 | 0.8 |
| | | | eS | 17 22 19.0 | -0.6 |
| GTA | 97.9 | 310 | +iP | 17 12 37.4 | 0.0 |

1986 12 3

O = 22 48 43.9 ± 0.05s
 LAT = 5.32 S ± 0.90km
 LONG = 154.36 E ± 1.58km
 DEPTH = 159 km ± 0.72km
 STATIONS USED = 23, STAND DEV = 0.99s

| | | | | | |
|-----|------|-----|-----|------------|------|
| WHN | 52.3 | 315 | eP | 22 57 42.0 | 0.2 |
| GYA | 55.9 | 307 | +P | 22 58 09.2 | 0.7 |
| BJI | 57.2 | 326 | (P) | 22 58 15.0 | -2.0 |
| CD2 | 60.3 | 310 | eP | 22 58 38.7 | 0.3 |
| GTA | 67.1 | 317 | -P | 22 59 23.6 | 0.4 |

1986 12 3

O = 22 49 49.9 ± 0.24s
 LAT = 27.46 S ± 2.78km
 LONG = 176.14 W ± 3.62km
 DEPTH = 40 km ± 1.05km
 STATIONS USED = 43, STAND DEV = 1.83s

| | | | | | |
|-----|------|-----|----|------------|-----------------|
| | | | | | $m_B = 5.9 / 3$ |
| NJ2 | 85.6 | 309 | eP | 23 02 26.4 | 0.1 |
| MDJ | 87.2 | 325 | eP | 23 02 34.4 | 0.5 |
| WHN | 87.9 | 306 | eP | 23 02 37.0 | -0.5 |
| SNY | 88.6 | 320 | -P | 23 02 40.7 | -0.1 |
| CN2 | 88.8 | 322 | +P | 23 02 40.0 | -1.9 |

PMZ $m_B = 5.9$ 6.0 0.60

eSKS 23 13 07.0 2.4

eS 23 13 18.0 -6.7

SMN $m_B = 5.7$ 12.0 0.90

TIA 89.2 312 eP 23 02 43.4 -0.3

GYA 91.5 299 P 23 02 55.0 0.3

BJI 92.0 315 eP 23 02 56.5 -0.2

SMN $m_B = 5.9$ 10.0 1.00

TIY 93.1 311 eP 23 03 02.1 0.0

SKS 23 13 38.0 8.1

S 23 14 02.5 0.9

KMI 94.0 296 -P 23 03 07.0 1.0

HHC 95.4 313 eP 23 03 18.7 6.4

CD2 95.9 302 eP 23 03 15.2 0.5

eS 23 14 23.0 -4.2

BTO 96.3 313 eP 23 03 16.6 0.3

eSKS 23 13 50.0 3.2

eS 23 14 28.0 -2.2

1986 12 3

O = 23 18 21.8 ± 0.12s
 LAT = 32.42 N ± 1.12km
 LONG = 104.52 E ± 1.22km
 DEPTH = 13 km ± 0.32km
 STATIONS USED = 18, STAND DEV = 3.55s

 $M_L = 4.2 / 7,$

| | | | | | |
|-----|-----|-----|------------------|-------------|-----------|
| CD2 | 1.6 | 203 | ePn | 23 18 49.5 | -1.3 |
| | | | Pg | 23 18 50.7 | -0.1 |
| | | | Sn | 23 19 11.2 | -2.2 |
| | | | Sg | 23 19 12.6 | -0.6 |
| | | | SMN | $M_L = 3.5$ | 0.6 0.52 |
| | | | SME | | 0.6 0.47 |
| GYA | 6.2 | 162 | ePn | 23 19 55.0 | 1.1 |
| | | | Pg | 23 20 20.6 | 8.9 |
| | | | SMN | $M_L = 4.2$ | 1.2 0.20 |
| | | | SME | | 1.2 0.10 |
| KMI | 7.4 | 193 | ePn | 23 20 13.0 | 2.4 |
| GTA | 8.0 | 333 | eP | 23 20 24.4 | 4.2 |
| TIY | 8.4 | 49 | (P) | 23 20 24.1 | -1.9 |
| | | | SMN | $M_L = 4.3$ | 0.8 0.070 |
| | | | SME | | 0.8 0.070 |
| WHN | 8.6 | 100 | e(P) | 23 20 24.4 | -4.8 |
| BTO | 9.3 | 27 | eP | 23 20 38.4 | -0.4 |
| | | | eLG ₁ | 23 23 14.5 | 1.0 |

| | | | | | |
|-----|------|-----|----|------------|-----|
| LZH | 44.2 | 333 | eP | 17 12 04.5 | 1.0 |
| LSA | 46.9 | 316 | -P | 17 12 26.2 | 0.5 |
| GTA | 48.7 | 332 | P | 17 12 39.8 | 0.4 |
| WMQ | 58.1 | 327 | P | 17 13 49.0 | 0.3 |

1986 12 4

O=17 49 31.9 ± 0.11s

LAT=17.95 S ± 0.71km

LONG=178.34 W ± 1.17km

DEPTH=651 km ± 1.18km

STATIONS USED = 30, STAND DEV = 0.86s

| | | | | | |
|-----|------|-----|----|------------|------|
| MDJ | 78.3 | 325 | -P | 18 00 28.5 | -0.2 |
| CN2 | 80.1 | 322 | eP | 18 00 38.0 | -0.2 |
| BJI | 83.9 | 315 | eP | 18 00 57.0 | -0.2 |
| GYA | 85.1 | 300 | P | 18 01 04.2 | 0.8 |
| TIY | 85.3 | 312 | eP | 18 01 04.9 | 0.5 |
| XAN | 86.3 | 307 | +P | 18 01 10.0 | 0.9 |
| GTA | 95.1 | 310 | P | 18 01 49.0 | -0.6 |

1986 12 4

O=18 05 29.6 ± 0.17s

LAT= 2.48 S ± 2.13km

LONG=138.88 E ± 3.61km

DEPTH= 31 km ± 0.26km

STATIONS USED = 34, STAND DEV = 2.51s

| | | | | | |
|-----|------|-----|----|------------|------|
| CD2 | 47.1 | 318 | P | 18 14 01.0 | -0.3 |
| BJI | 47.1 | 336 | eP | 18 13 59.5 | -1.9 |
| MDJ | 47.6 | 351 | -P | 18 14 10.4 | 5.3 |
| CN2 | 47.6 | 347 | eP | 18 14 10.0 | 4.8 |
| BTO | 50.3 | 331 | eP | 18 14 24.0 | -2.2 |
| LZH | 50.4 | 323 | eP | 18 14 25.0 | -1.8 |
| GTA | 55.0 | 323 | +P | 18 14 59.4 | -1.6 |
| LSA | 55.7 | 309 | P | 18 15 05.6 | -0.8 |
| WMQ | 64.9 | 321 | P | 18 16 07.9 | -1.3 |

1986 12 4

O=18 31 47.2 ± 0.12s

LAT=24.09 N ± 1.70km

LONG=121.97 E ± 1.52km

DEPTH= 33 km ± 0.61km

STATIONS USED = 39, STAND DEV = 1.70s

 $M_L=3.9/5,$

| | | | | | |
|-----|-----|-----|-----------------|------------|-----------|
| QZH | 3.2 | 286 | -iP | 18 32 36.4 | 0.1 |
| | | | iS | 18 33 10.0 | -3.6 |
| | | | SMN | $M_L=3.8$ | 0.3 0.32 |
| | | | SME | | 0.3 0.33 |
| SSE | 7.0 | 354 | eP | 18 33 29.2 | -1.1 |
| | | | pP | 18 33 34.0 | -2.9 |
| | | | LG ₂ | 18 35 36.2 | -2.4 |
| | | | LN | | 1.2 0.080 |

| | | | | | |
|-----|-----|-----|----|------------|-----------|
| | | | LE | | |
| GZH | 8.0 | 265 | eP | 18 33 43.5 | -0.2 |
| | | | eS | 18 35 09.7 | -4.0 |
| | | | LN | | 1.1 0.17 |
| | | | LE | | 1.0 0.060 |

| | | | | | |
|-----|-----|-----|-----|------------|----------|
| NJ2 | 8.4 | 342 | -iP | 18 33 48.0 | -1.6 |
| | | | S | 18 35 17.5 | -6.5 |
| | | | LN | | 1.0 0.10 |

| | | | | | |
|-----|------|-----|-----|------------|------|
| WHN | 9.3 | 315 | eP | 18 34 00.7 | -1.9 |
| | | | eS | 18 35 41.0 | -6.6 |
| GYA | 14.0 | 283 | eP | 18 35 06.0 | -0.4 |
| TIY | 15.8 | 331 | eP | 18 35 33.8 | 4.1 |
| BJI | 16.6 | 344 | (P) | 18 35 43.0 | 3.3 |
| CD2 | 17.5 | 297 | P | 18 35 51.4 | 0.6 |
| BTO | 19.3 | 331 | eP | 18 36 14.0 | 1.7 |
| CN2 | 19.9 | 7 | eP | 18 36 19.0 | 0.3 |
| GTA | 24.2 | 314 | eP | 18 37 03.4 | 1.5 |

1986 12 4

O=20 42 27.2 ± 0.06s

LAT= 6.70 S ± 0.99km

LONG=130.33 E ± 1.23km

DEPTH=125 km ± 0.16km

STATIONS USED = 20, STAND DEV = 1.18s

| | | | | | |
|-----|------|-----|----|------------|------|
| XAN | 45.3 | 335 | P | 20 50 34.4 | -0.4 |
| CN2 | 50.5 | 355 | eP | 20 51 17.0 | 2.3 |
| LSA | 52.2 | 316 | +P | 20 51 28.1 | -0.3 |
| GTA | 53.9 | 331 | P | 20 51 40.1 | -0.2 |
| WMQ | 63.3 | 327 | P | 20 52 46.6 | 0.7 |

1986 12 4

O=23 18 06.6 ± 0.07s

LAT= 7.36 N ± 1.30km

LONG= 93.71 E ± 1.34km

DEPTH= 82 km ± 0.32km

STATIONS USED = 35, STAND DEV = 1.09s

| | | | | | |
|-----|------|-----|----|------------|------|
| QZN | 19.5 | 52 | eP | 23 22 30.5 | 0.5 |
| KMI | 19.7 | 25 | +P | 23 22 33.0 | 1.1 |
| LSA | 22.4 | 354 | +P | 23 22 57.1 | -2.3 |
| CD2 | 25.2 | 21 | P | 23 23 26.8 | -0.1 |
| XAN | 30.0 | 26 | +P | 23 24 09.0 | -1.4 |
| WHN | 30.1 | 37 | eP | 23 24 11.0 | 0.1 |
| GTA | 32.4 | 9 | eP | 23 24 29.8 | -1.2 |
| NJ2 | 33.9 | 40 | P | 23 24 45.2 | 0.9 |
| WMQ | 36.7 | 353 | eP | 23 25 08.5 | 0.6 |
| BJI | 38.3 | 28 | eP | 23 25 22.0 | 1.2 |
| CN2 | 45.7 | 32 | +P | 23 26 20.4 | -1.1 |

1986 12 4

O=23 25 07.4 ± 0.10s

| | | | | | |
|---------------------------------------|-------|-----|------|---------------------|------------|
| LAT=34.87 N ± 0.87km | | | | | |
| LONG=103.74 E ± 0.91km | | | | | |
| DEPTH= 11 km ± 0.28km | | | | | |
| STATIONS USED = 10, STAND DEV = 4.27s | | | | | |
| M _L =3.5 / 7, | | | | | |
| GTA | 5.5 | 326 | P* | 23 26 30.7 | -8.6 |
| | | | Sg | 23 27 57.5 | -2.3 |
| | | | SMN | M _L =2.9 | 0.8 0.013 |
| | | | SME | | 0.8 0.0095 |
| TIY | 7.6 | 66 | ePg | 23 27 26.0 | 4.7 |
| | | | (Sg) | 23 28 58.7 | -5.9 |
| | | | SMN | M _L =3.9 | 0.8 0.010 |
| | | | SME | | 0.8 0.080 |
| 1986 12 5 | | | | | |
| O=00 54 29.1 ± 0.08s | | | | | |
| LAT= 5.46 S ± 0.65km | | | | | |
| LONG=147.29 E ± 1.59km | | | | | |
| DEPTH=217 km ± 0.26km | | | | | |
| STATIONS USED = 64, STAND DEV = 0.73s | | | | | |
| SSE | 44.1 | 327 | +iP | 01 02 18.6 | 0.8 |
| | | | PMZ | | 1.0 0.060 |
| | | | epP | 01 03 05.0 | 1.4 |
| NJ2 | 46.1 | 326 | +iP | 01 02 35.0 | 1.3 |
| WHN | 47.7 | 321 | +P | 01 02 47.0 | 0.9 |
| TIA | 50.2 | 328 | eP | 01 03 04.5 | -0.5 |
| GYA | 50.5 | 311 | +P | 01 03 08.0 | 0.0 |
| MDJ | 52.3 | 344 | eP | 01 03 20.5 | -0.6 |
| CN2 | 52.9 | 340 | +P | 01 03 24.0 | -1.0 |
| KMI | 52.9 | 307 | eP | 01 03 27.0 | 1.4 |
| BJI | 53.6 | 330 | eP | 01 03 29.5 | -0.7 |
| TIY | 53.8 | 326 | -P | 01 03 32.2 | 0.0 |
| CD2 | 55.1 | 314 | +iP | 01 03 41.3 | -0.1 |
| | | | PMZ | | 0.7 0.090 |
| HHC | 56.5 | 328 | +P | 01 03 51.4 | -0.2 |
| BTO | 57.2 | 327 | P | 01 03 56.0 | -0.2 |
| GTA | 62.5 | 320 | +iP | 01 04 32.4 | -0.1 |
| | | | pP | 01 05 22.4 | 0.9 |
| | | | iS | 01 12 44.2 | 2.4 |
| WMQ | 72.6 | 319 | P | 01 05 35.1 | -0.1 |
| KSH | 79.2 | 312 | eP | 01 06 12.0 | -0.5 |
| 1986 12 5 | | | | | |
| O=01 45 38.2 ± 0.21s | | | | | |
| LAT=36.30 S ± 6.19km | | | | | |
| LONG= 97.77 W ± 4.52km | | | | | |
| DEPTH= 11 km ± 0.79km | | | | | |
| STATIONS USED = 31, STAND DEV = 3.34s | | | | | |
| CN2 | 146.4 | 296 | ePKP | 02 05 17.0 | -2.1 |
| SNY | 147.7 | 293 | +PKP | 02 05 23.6 | 2.4 |

| | | | | | |
|---------------------------------------|-------|-----|------|------------|-----------|
| NJ2 | 149.5 | 273 | ePKP | 02 05 23.0 | -1.2 |
| TIA | 151.9 | 280 | ePKP | 02 05 31.3 | 3.4 |
| BJI | 153.1 | 288 | ePKP | 02 05 33.0 | 3.4 |
| GTA | 165.8 | 288 | ePKP | 02 05 48.1 | 3.8 |
| 1986 12 5 | | | | | |
| O=02 04 24.3 ± 0.15s | | | | | |
| LAT=18.39 N ± 1.95km | | | | | |
| LONG=146.74 E ± 2.93km | | | | | |
| DEPTH= 89 km ± 0.47km | | | | | |
| STATIONS USED = 72, STAND DEV = 1.80s | | | | | |
| Ms=5.0 / 11, | | | | | |
| SSE | 26.4 | 304 | eP | 02 09 54.0 | -0.2 |
| | | | esP | 02 10 27.2 | 2.2 |
| | | | eS | 02 14 24.0 | 4.9 |
| | | | eSS | 02 15 36.0 | 1.8 |
| | | | LE | Ms=4.8 | 12.0 0.94 |
| MDJ | 29.8 | 335 | eP | 02 10 25.0 | -0.6 |
| | | | S | 02 15 15.0 | 1.0 |
| SNY | 30.6 | 325 | eP | 02 10 29.6 | -2.7 |
| | | | eS | 02 15 19.0 | -7.8 |
| | | | LN | Ms=5.1 | 20.0 1.94 |
| | | | LE | | 19.0 2.13 |
| CN2 | 31.0 | 329 | eP | 02 10 35.0 | -1.2 |
| GZH | 31.5 | 284 | eP | 02 10 44.0 | 3.4 |
| | | | eS | 02 15 48.0 | 6.3 |
| | | | LE | Ms=5.0 | 24.0 2.74 |
| TIA | 31.6 | 310 | eP | 02 10 40.6 | -0.2 |
| | | | eS | 02 15 47.3 | 5.1 |
| | | | LN | Ms=5.2 | 16.0 1.63 |
| | | | LE | | 17.0 1.91 |
| BJI | 34.0 | 316 | eP | 02 11 00.0 | -2.3 |
| QZN | 34.9 | 277 | eP | 02 11 11.9 | 2.2 |
| | | | eS | 02 16 41.0 | 6.9 |
| | | | LN | Ms=4.9 | 15.0 0.70 |
| | | | LE | | 17.0 0.80 |
| TIY | 35.6 | 310 | eP | 02 11 11.8 | -3.9 |
| HHC | 37.5 | 314 | eP | 02 11 34.0 | 2.1 |
| GYA | 37.8 | 290 | P | 02 11 35.2 | 1.2 |
| BTO | 38.5 | 313 | eP | 02 11 39.0 | -0.8 |
| | | | epP | 02 11 58.0 | -2.3 |
| | | | eS | 02 17 27.0 | -1.8 |
| | | | LN | Ms=5.3 | 16.0 1.50 |
| | | | LE | | 16.0 1.60 |
| CD2 | 40.8 | 296 | (P) | 02 11 58.2 | -0.5 |
| | | | eS | 02 18 05.6 | 2.7 |
| KMI | 41.3 | 287 | eP | 02 12 06.0 | 3.0 |
| GTA | 45.5 | 308 | eP | 02 12 41.1 | 3.8 |
| | | | LE | Ms=5.1 | 15.0 1.01 |
| WMQ | 55.3 | 311 | P | 02 13 51.4 | 0.1 |

| | | | | | | | | | | | | | |
|--------------------------------------|------|-----|-----------------|------------|------|------|-----|------|-----|------|------------|------|------|
| | | | LN | Ms=4.3 | 9.0 | 1.22 | | | | LE | Ms=5.3 | 28.0 | 1.29 |
| | | | LE | | 9.0 | 1.93 | NJ2 | 83.9 | 308 | cP | 22 43 29.5 | 0.5 | |
| NJ2 | 8.3 | 345 | eP | 21 42 13.0 | 0.9 | | MDJ | 83.9 | 323 | +P | 22 43 28.7 | -0.5 | |
| | | | S | 21 43 45.2 | -0.9 | | | | | SKS | 22 53 50.0 | 5.7 | |
| | | | LN | Ms=4.6 | 11.0 | 4.60 | | | | LE | Ms=5.3 | 35.0 | 1.47 |
| WHN | 9.0 | 318 | eP | 21 42 19.5 | -2.4 | | QZN | 85.2 | 293 | eP | 22 43 42.5 | 7.1 | |
| | | | LG ₁ | 21 44 46.0 | -4.6 | | CN2 | 85.8 | 321 | +P | 22 43 37.5 | -1.1 | |
| | | | LN | Ms=4.8 | 6.0 | 3.51 | SNY | 85.8 | 318 | +P | 22 43 38.0 | -0.7 | |
| QZN | 11.8 | 247 | eP | 21 43 07.0 | 5.9 | | | | | pP | 22 43 52.0 | 2.9 | |
| | | | eS | 21 45 20.6 | 6.6 | | | | | S | 22 54 14.0 | 7.7 | |
| | | | LN | Ms=4.3 | 13.0 | 1.10 | | | | SMN | | 19.0 | 1.56 |
| | | | LE | | 13.0 | 0.90 | | | | SME | | 20.0 | 1.49 |
| GYA | 13.5 | 283 | P | 21 43 29.6 | 5.9 | | WHN | 86.5 | 305 | eP | 22 43 42.5 | 0.4 | |
| | | | eS | 21 45 56.0 | 1.1 | | TIA | 87.2 | 311 | eP | 22 43 44.6 | -0.7 | |
| | | | LN | Ms=4.8 | 9.0 | 1.40 | | | | LN | Ms=5.2 | 28.0 | 0.57 |
| | | | LE | | 9.0 | 2.00 | | | | LE | | 28.0 | 0.57 |
| TIY | 15.6 | 333 | eP | 21 43 55.0 | 3.8 | | BJI | 89.7 | 314 | eP | 22 43 56.5 | -0.8 | |
| | | | LN | Ms=4.8 | 11.0 | 1.95 | | | | cpP | 22 44 12.0 | 4.2 | |
| | | | LE | | 11.5 | 0.98 | | | | eSKS | 22 54 22.0 | 0.4 | |
| BJI | 16.5 | 346 | (P) | 21 44 07.0 | 4.1 | | | | | eS | 22 54 42.0 | -2.4 | |
| KMI | 16.9 | 277 | eP | 21 44 03.0 | -5.7 | | | | | esS | 22 55 03.0 | 1.1 | |
| | | | LE | Ms=4.7 | 11.0 | 1.47 | GYA | 90.9 | 298 | P | 22 44 03.6 | 0.6 | |
| CD2 | 17.0 | 297 | P | 21 44 09.8 | 0.5 | | TIY | 91.2 | 310 | eP | 22 44 03.5 | -0.9 | |
| | | | LG ₂ | 21 49 25.0 | -5.7 | | | | | SKS | 22 54 33.5 | 3.0 | |
| | | | LN | Ms=4.9 | 9.0 | 2.23 | | | | S | 22 55 04.0 | 7.9 | |
| SNY | 17.8 | 5 | eP | 21 44 26.0 | 6.8 | | XAN | 92.2 | 306 | -P | 22 44 09.0 | 0.0 | |
| | | | eS | 21 47 26.0 | -9.7 | | HHC | 93.2 | 313 | P | 22 44 13.7 | 0.1 | |
| | | | LN | Ms=4.8 | 12.0 | 1.81 | KMI | 93.6 | 295 | -P | 22 44 19.0 | 3.3 | |
| HHC | 18.6 | 336 | eP | 21 44 28.8 | -0.8 | | BTO | 94.1 | 312 | eP | 22 44 18.2 | 0.3 | |
| BTO | 19.0 | 333 | eP | 21 44 32.0 | -2.4 | | CD2 | 95.0 | 301 | eP | 22 44 26.1 | 4.5 | |
| | | | LN | Ms=5.0 | 11.0 | 2.40 | LZH | 96.8 | 306 | eP | 22 44 30.0 | -0.2 | |
| | | | LE | | 11.0 | 1.60 | | | | | | | |
| LZH | 19.3 | 312 | eP | 21 44 35.0 | -2.2 | | | | | | | | |
| CN2 | 20.0 | 9 | eP | 21 44 45.0 | 0.0 | | | | | | | | |
| GTA | 23.8 | 315 | P | 21 45 21.0 | -2.3 | | | | | | | | |
| | | | LE | Ms=4.7 | 12.0 | 0.91 | | | | | | | |
| 1986 12 5 | | | | | | | | | | | | | |
| O=22 31 00.9 ± 0.12s | | | | | | | | | | | | | |
| LAT=21.67 S ± 5.30km | | | | | | | | | | | | | |
| LONG=173.51 W ± 3.75km | | | | | | | | | | | | | |
| DEPTH= 37 km ± 1.91km | | | | | | | | | | | | | |
| STATIONS USED = 61, STAND DEV= 2.03s | | | | | | | | | | | | | |
| Ms=5.3/ 3, | | | | | | | | | | | | | |
| SSE | 81.7 | 308 | P | 22 43 18.0 | 0.3 | | | | | | | | |
| | | | epP | 22 43 28.0 | 0.0 | | | | | | | | |
| | | | sP | 22 43 32.0 | -0.2 | | | | | | | | |
| | | | eS | 22 53 26.0 | -0.6 | | | | | | | | |
| | | | SKS | 22 53 31.0 | 2.1 | | | | | | | | |
| | | | SS | 22 58 40.0 | -6.0 | | | | | | | | |
| 1986 12 6 | | | | | | | | | | | | | |
| O=03 52 59.5 ± 0.09s | | | | | | | | | | | | | |
| LAT= 0.15 S ± 0.95km | | | | | | | | | | | | | |
| LONG=122.78 E ± 1.11km | | | | | | | | | | | | | |
| DEPTH=193 km ± 1.06km | | | | | | | | | | | | | |
| STATIONS USED = 21, STAND DEV= 1.10s | | | | | | | | | | | | | |
| QZN | 22.9 | 327 | eP | 03 57 48.6 | 1.0 | | | | | | | | |
| GYA | 30.7 | 331 | P | 03 58 58.6 | 0.0 | | | | | | | | |
| | | | ScP | 04 05 15.6 | 1.6 | | | | | | | | |
| WHN | 31.6 | 346 | eP | 03 59 06.6 | 0.4 | | | | | | | | |
| CD2 | 35.8 | 331 | +iP | 03 59 42.2 | -0.1 | | | | | | | | |
| XAN | 36.4 | 340 | P | 03 59 47.0 | -0.6 | | | | | | | | |
| 1986 12 6 | | | | | | | | | | | | | |
| O=04 35 00.3 ± 0.11s | | | | | | | | | | | | | |
| LAT=35.17 N ± 0.95km | | | | | | | | | | | | | |
| LONG=111.14 E ± 1.15km | | | | | | | | | | | | | |
| DEPTH= 10 km ± 0.10km | | | | | | | | | | | | | |

| STATIONS USED = 16, STAND DEV = 3.98s | | | | | | | | | |
|---|-------|-----|------------------|----------------------|------|-------|--|--|--|
| M _L = 3.3 / 10, | | | | | | | | | |
| TIY | 2.7 | 22 | ePg | 04 35 46.0 | -2.8 | | | | |
| | | | Sg | 04 36 22.4 | -3.7 | | | | |
| | | | SMN | M _L = 3.3 | 0.6 | 0.13 | | | |
| | | | SME | | 0.6 | 0.13 | | | |
| TIA | 5.0 | 76 | ePg | 04 36 28.8 | 0.6 | | | | |
| | | | Sg | 04 37 33.7 | -2.5 | | | | |
| | | | SMN | M _L = 3.1 | 0.7 | 0.030 | | | |
| | | | SME | | 0.7 | 0.020 | | | |
| WHN | 5.3 | 149 | Pg | 04 36 43.0 | 8.2 | | | | |
| | | | Sg | 04 37 47.5 | -0.3 | | | | |
| | | | SMN | M _L = 3.7 | 0.6 | 0.070 | | | |
| | | | SME | | 0.5 | 0.070 | | | |
| BTO | 5.5 | 351 | ePg | 04 36 38.2 | 0.8 | | | | |
| CD2 | 7.5 | 238 | (Pg) | 04 37 09.2 | -4.0 | | | | |
| | | | SME | M _L = 3.3 | 0.8 | 0.010 | | | |
| GYA | 9.5 | 205 | P | 04 37 16.8 | -3.7 | | | | |
| 1986 12 6 | | | | | | | | | |
| O = 10 11 48.5 ± 0.09s | | | | | | | | | |
| LAT = 2.01 S ± 1.52km | | | | | | | | | |
| LONG = 125.84 E ± 2.55km | | | | | | | | | |
| DEPTH = 32 km ± 0.14km | | | | | | | | | |
| STATIONS USED = 21, STAND DEV = 1.91s | | | | | | | | | |
| QZN | 26.2 | 324 | eP | 10 17 21.3 | -0.9 | | | | |
| NJ2 | 34.5 | 349 | +P | 10 18 37.7 | 1.4 | | | | |
| BJI | 42.8 | 349 | eP | 10 19 45.0 | -0.2 | | | | |
| MDJ | 46.5 | 4 | eP | 10 20 15.2 | -0.3 | | | | |
| GTA | 47.6 | 333 | -iP | 10 20 23.2 | -1.1 | | | | |
| 1986 12 6 | | | | | | | | | |
| O = 16 55 00.1 ± 0.18s | | | | | | | | | |
| LAT = 55.07 S ± 4.70km | | | | | | | | | |
| LONG = 126.87 W ± 3.87km | | | | | | | | | |
| DEPTH = 10 km ± 0.96km | | | | | | | | | |
| STATIONS USED = 20, STAND DEV = 2.80s | | | | | | | | | |
| CN2 | 133.7 | 287 | ePKP | 17 14 21.0 | 2.4 | | | | |
| XAN | 136.4 | 265 | ePKP | 17 14 24.8 | 1.1 | | | | |
| BTO | 140.3 | 273 | ePKP | 17 14 30.8 | -0.1 | | | | |
| LSA | 142.9 | 243 | ePKP | 17 14 35.4 | -0.3 | | | | |
| GTA | 145.4 | 263 | -iPKP | 17 14 39.4 | -0.3 | | | | |
| 1986 12 7 | | | | | | | | | |
| O = 04 27 05.5 ± 0.13s | | | | | | | | | |
| LAT = 24.12 N ± 1.68km | | | | | | | | | |
| LONG = 121.86 E ± 1.81km | | | | | | | | | |
| DEPTH = 30 km ± 0.51km | | | | | | | | | |
| STATIONS USED = 75, STAND DEV = 1.94s | | | | | | | | | |
| M _s = 4.3 / 9, M _L = 4.6 / 5, | | | | | | | | | |
| QZH | 3.1 | 286 | +iPn | 04 27 53.5 | 0.8 | | | | |
| | | | Sn | 04 28 27.0 | -3.1 | | | | |
| | | | SMN | M _L = 4.6 | 0.7 | 2.19 | | | |
| | | | SME | | 0.8 | 1.85 | | | |
| | | | LE | M _s = 3.7 | 8.5 | 2.10 | | | |
| SSE | 7.0 | 355 | Pn | 04 28 41.5 | -4.6 | | | | |
| | | | eLG ₁ | 04 30 39.8 | -4.7 | | | | |
| | | | LG ₂ | 04 30 51.0 | -4.6 | | | | |
| | | | LE | M _s = 4.3 | 6.0 | 1.69 | | | |
| GZH | 7.9 | 264 | Pn | 04 29 02.0 | 3.5 | | | | |
| | | | Sn | 04 30 31.0 | 2.2 | | | | |
| | | | LN | | 1.0 | 0.52 | | | |
| | | | LE | | 1.0 | 0.19 | | | |
| NJ2 | 8.3 | 342 | +P | 04 29 04.8 | -2.5 | | | | |
| | | | S | 04 30 34.5 | -6.7 | | | | |
| | | | LN | | 1.0 | 0.60 | | | |
| WHN | 9.2 | 315 | P | 04 29 17.2 | -2.7 | | | | |
| | | | S | 04 30 55.5 | -8.3 | | | | |
| | | | LG ₁ | 04 31 51.0 | -4.9 | | | | |
| | | | LE | M _s = 4.6 | 7.0 | 2.19 | | | |
| QZN | 12.3 | 248 | eP | 04 30 01.6 | 0.3 | | | | |
| | | | eS | 04 32 16.5 | -1.6 | | | | |
| | | | LN | M _s = 3.9 | 15.0 | 0.60 | | | |
| TIA | 12.7 | 342 | eP | 04 30 06.1 | -1.3 | | | | |
| GYA | 13.9 | 283 | P | 04 30 23.0 | -0.6 | | | | |
| | | | S | 04 32 50.4 | -7.4 | | | | |
| XAN | 15.0 | 314 | P | 04 30 37.8 | 0.4 | | | | |
| TIY | 15.8 | 331 | eP | 04 30 50.5 | 3.2 | | | | |
| | | | eLG | 04 35 20.0 | -0.7 | | | | |
| | | | LN | M _s = 4.3 | 9.0 | 0.57 | | | |
| BJI | 16.6 | 345 | eP | 04 31 00.0 | 2.5 | | | | |
| CD2 | 17.4 | 297 | P | 04 31 08.5 | 0.4 | | | | |
| | | | LG ₁ | 04 36 19.0 | 6.5 | | | | |
| KMI | 17.4 | 277 | eP | 04 31 09.5 | 1.2 | | | | |
| | | | eS | 04 34 18.0 | -1.7 | | | | |
| | | | LE | M _s = 4.6 | 11.0 | 1.25 | | | |
| SNY | 17.7 | 4 | -P | 04 31 15.0 | 3.2 | | | | |
| HHC | 18.8 | 335 | eP | 04 31 31.5 | 6.4 | | | | |
| BTO | 19.2 | 332 | P | 04 31 30.5 | 0.5 | | | | |
| | | | ePP | 04 31 47.0 | 0.4 | | | | |
| | | | eS | 04 34 59.0 | -0.8 | | | | |
| | | | LN | M _s = 4.4 | 12.0 | 0.50 | | | |
| | | | LE | | 12.0 | 0.60 | | | |
| LZH | 19.6 | 312 | eP | 04 31 35.5 | 1.1 | | | | |
| CN2 | 19.8 | 8 | eP | 04 31 35.0 | -2.1 | | | | |
| MDJ | 21.4 | 15 | eP | 04 31 53.5 | 0.4 | | | | |
| GTA | 24.1 | 315 | +iP | 04 32 20.5 | 0.9 | | | | |
| LSA | 27.9 | 288 | +P | 04 32 55.5 | -0.2 | | | | |
| WMQ | 34.1 | 314 | P | 04 33 50.5 | 0.1 | | | | |

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| | | | | | | | | | | | | | | | | | |
|-----|------------|------|-----|-------------|------|------|-------------|------|------|---|-------------|-------------|-------------|------------|------------|-----|--|
| KSH | 36.9 | 335 | +iP | 05 47 29.0 | 0.5 | | | | | epP | 05 49 23.0 | -1.1 | | | | | |
| | | | PP | 05 48 58.0 | 0.0 | | | | | PcP | 05 50 13.0 | -0.9 | | | | | |
| | | | iS | 05 52 58.0 | 0.6 | | | | | ScP | 05 53 44.0 | -0.9 | | | | | |
| | | | SMN | $m_B = 6.2$ | 5.0 | 4.10 | | | | S | 05 55 00.0 | -3.8 | | | | | |
| | | | HHC | 37.1 | 21 | eP | 05 47 30.0 | -0.3 | | | | SMN | $m_B = 5.9$ | 11.0 | 2.30 | | |
| | | | | | | PMZ | | 2.0 | 0.23 | | | csS | 05 56 19.0 | -4.9 | | | |
| | | | | | | pP | 05 48 13.5 | -0.4 | | | MDJ | 48.3 | 33 | -P | 05 49 00.5 | 0.1 | |
| | | | | | | PcP | 05 49 45.0 | -0.9 | | | PcP | 05 50 22.0 | -1.7 | | | | |
| | | | | | | S | 05 53 00.0 | 0.5 | | | S | 05 55 45.0 | 2.7 | | | | |
| | | | | | | SMN | $m_B = 6.1$ | 4.0 | 1.33 | | SMN | $m_B = 5.9$ | 6.0 | 1.11 | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| WMQ | 37.5 | 351 | P | 05 47 33.5 | -0.6 | | | | | | | | | | | | |
| | | | PMZ | $m_B = 5.8$ | 4.0 | 1.34 | | | | | | | | | | | |
| | | | pP | 05 48 18.0 | 0.3 | | | | | | | | | | | | |
| | | | PP | 05 49 07.4 | 1.6 | | | | | | | | | | | | |
| | | | PcP | 05 49 43.0 | -4.4 | | | | | | | | | | | | |
| | | | S | 05 53 05.0 | -1.4 | | | | | | | | | | | | |
| | | | SMN | $m_B = 6.4$ | 5.0 | 4.12 | | | | | | | | | | | |
| | | | SME | | 5.0 | 4.12 | | | | | | | | | | | |
| | | | sS | 05 54 29.0 | 5.0 | | | | | | | | | | | | |
| | | | SS | 05 55 55.0 | 4.3 | | | | | | | | | | | | |
| BJI | 38.2 | 27 | -iP | 05 47 41.0 | 1.2 | | | | | | | | | | | | |
| | | | pP | 05 48 22.0 | -1.6 | | | | | | | | | | | | |
| | | | S | 05 53 19.0 | 2.1 | | | | | | | | | | | | |
| | | | SMN | $m_B = 6.0$ | 6.0 | 1.61 | | | | | | | | | | | |
| | | | SME | | 5.0 | 1.60 | | | | | | | | | | | |
| | | | esS | 05 54 33.0 | -1.7 | | | | | | | | | | | | |
| | | | eSS | 05 56 13.0 | 7.2 | | | | | | | | | | | | |
| | | | LN | | 10.0 | 0.97 | | | | | | | | | | | |
| | | | LE | | 10.0 | 0.90 | | | | | | | | | | | |
| | | | DL2 | 40.0 | 33 | -iP | 05 47 55.0 | 0.2 | | | | | | | | | |
| eS | 05 53 40.0 | -5.0 | | | | | | | | | | | | | | | |
| PcS | 05 53 45.0 | 0.9 | | | | | | | | | | | | | | | |
| LN | | 10.0 | | | | 1.12 | | | | | | | | | | | |
| LE | | 10.0 | | | | 0.58 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| SNY | 43.2 | 31 | -iP | 05 48 19.5 | -0.8 | | | | | | | | | | | | |
| | | | pP | 05 49 03.0 | -1.9 | | | | | | | | | | | | |
| | | | sP | 05 49 28.0 | -0.5 | | | | | | | | | | | | |
| | | | S | 05 54 26.0 | -3.8 | | | | | | | | | | | | |
| | | | SMN | $m_B = 5.7$ | 9.0 | 0.86 | | | | | | | | | | | |
| | | | SME | | 9.0 | 0.89 | | | | | | | | | | | |
| | | | sS | 05 55 46.0 | -3.2 | | | | | | | | | | | | |
| | | | LN | | 12.0 | 2.15 | | | | | | | | | | | |
| | | | LE | | 12.0 | 1.19 | | | | | | | | | | | |
| | | | CN2 | 45.6 | 31 | -iP | 05 48 38.6 | -0.6 | | | | | | | | | |
| PMZ | | 2.0 | | | | 0.30 | | | | | | | | | | | |
| | | | | | | | | | | <p>1986 12 7</p> <p>O = 06 40 23.8 ± 0.13s</p> <p>LAT = 4.40 N ± 1.97km</p> <p>LONG = 96.67 E ± 2.08km</p> <p>DEPTH = 40 km ± 0.85km</p> <p>STATIONS USED = 23, STAND DEV = 2.26s</p> | | | | | | | |
| | | | | | | | | | | KMI | 21.4 | 15 | eP | 06 45 11.0 | 0.1 | | |
| | | | | | | | | | | GYA | 23.9 | 23 | P | 06 45 37.2 | 1.7 | | |
| | | | | | | | | | | CD2 | 27.2 | 13 | (P) | 06 46 04.2 | -2.1 | | |
| | | | | | | | | | | XAN | 31.6 | 20 | eP | 06 46 44.7 | -0.9 | | |
| | | | | | | | | | | GTA | 35.0 | 4 | eP | 06 47 12.4 | -2.4 | | |
| | | | | | | | | | | BJI | 39.6 | 24 | eP | 06 47 54.0 | 0.5 | | |
| | | | | | | | | | | <p>1986 12 7</p> <p>O = 14 17 08.7 ± 0.10s</p> <p>LAT = 43.33 N ± 1.84km</p> <p>LONG = 25.85 E ± 1.20km</p> <p>DEPTH = 19 km ± 0.15km</p> <p>STATIONS USED = 76, STAND DEV = 1.49s</p> <p>$M_s = 6.0 / 13,$ $m_B = 5.7 / 2$</p> | | | | | | | |
| | | | | | | | | | | KSH | 37.4 | 78 | -P | 14 24 23.5 | 0.9 | | |
| | | | | | | | | | | pP | 14 24 28.0 | -1.3 | | | | | |
| | | | | | | | | | | PP | 14 25 47.0 | -2.7 | | | | | |
| | | | | | | | | | | S | 14 30 12.0 | 3.7 | | | | | |
| | | | | | | | | | | SS | 14 32 48.0 | 7.8 | | | | | |
| | | | | | | | | | | LE | $M_s = 5.2$ | 13.0 | 1.50 | | | | |
| | | | | | | | | | | WMQ | 43.9 | 67 | -P | 14 25 16.5 | 0.2 | | |
| | | | | | | | | | | PP | 14 27 02.0 | 2.2 | | | | | |
| | | | | | | | | | | S | 14 31 48.0 | 2.7 | | | | | |
| | | | | | | | | | | SS | 14 35 03.5 | 9.2 | | | | | |
| | | | | | | | | | | ScS | 14 35 17.0 | 5.8 | | | | | |
| | | | | | | | | | | LN | $M_s = 6.1$ | 10.0 | 8.36 | | | | |
| | | | | | | | | | | LSA | 53.0 | 82 | -iP | 14 26 26.0 | -1.4 | | |
| | | | | | | | | | | GTA | 54.0 | 67 | -iP | 14 26 33.6 | -0.7 | | |
| | | | | | | | | | | eS | 14 34 11.5 | 3.6 | | | | | |
| | | | | | | | | | | SMN | | | | 16.0 | 7.89 | | |
| | | | | | | | | | | LN | $M_s = 5.8$ | 12.5 | 3.03 | | | | |
| | | | | | | | | | | LZH | 58.4 | 68 | eP | 14 27 06.5 | 0.2 | | |
| | | | | | | | | | | BTO | 60.0 | 61 | P | 14 27 17.0 | -0.5 | | |



| | | | | | | | | | | | | | | | | | |
|-----|------|----|-----|------------|------|------|-------|--|-----|------|-----|-----|------------|------|------|------|--|
| | | | esP | 14 27 26.0 | -1.4 | | | | QZN | 23.0 | 322 | +P | 14 45 17.2 | 1.1 | | | |
| | | | ePP | 14 29 32.5 | 1.6 | | | | | | | PMZ | $m_B=6.4$ | | 8.0 | 8.50 | |
| | | | S | 14 35 26.5 | -0.1 | | | | | | | PP | 14 46 01.5 | 4.0 | | | |
| | | | LN | $M_s=5.9$ | 10.0 | 1.70 | | | | | | sP | 14 46 25.0 | 1.3 | | | |
| | | | LE | | 12.0 | 3.10 | | | | | | S | 14 49 11.0 | 4.7 | | | |
| HHC | 60.9 | 60 | +P | 14 27 23.5 | 0.3 | | | | GZH | 24.5 | 335 | -iP | 14 45 32.0 | 1.6 | | | |
| | | | pP | 14 27 30.0 | 0.0 | | | | | | | PMZ | $m_B=6.2$ | | 6.0 | 4.36 | |
| CD2 | 61.3 | 73 | +iP | 14 27 25.4 | -0.4 | | | | | | | sP | 14 46 40.0 | 1.3 | | | |
| Tiy | 63.2 | 62 | +iP | 14 27 38.7 | -0.1 | | | | | | | S | 14 49 36.0 | 4.1 | | | |
| | | | (S) | 14 36 08.0 | -0.2 | | | | | | | SMN | $m_B=5.8$ | | 9.0 | 5.36 | |
| | | | SMN | | | 17.0 | 0.67 | | | | | sS | 14 50 48.0 | 1.1 | | | |
| | | | SME | | | 16.0 | 0.40 | | QZH | 24.5 | 347 | +iP | 14 45 30.0 | -0.5 | | | |
| | | | LN | $M_s=6.1$ | 13.0 | 3.81 | | | | | | PMZ | $m_B=6.1$ | | 7.0 | 3.51 | |
| | | | LE | | 12.5 | 3.23 | | | | | | pP | 14 46 11.0 | -1.6 | | | |
| KMI | 64.0 | 79 | +P | 14 27 43.5 | -0.6 | | | | | | | sP | 14 46 40.0 | 1.2 | | | |
| BJI | 64.2 | 58 | eP | 14 27 45.0 | -0.4 | | | | | | | iS | 14 49 38.0 | 5.3 | | | |
| | | | eS | 14 36 25.0 | 4.2 | | | | | | | sS | 14 50 49.0 | 1.9 | | | |
| | | | SME | $m_B=5.6$ | 6.0 | 0.43 | | | | | | SS | 14 51 05.0 | 6.4 | | | |
| | | | eSS | 14 40 34.0 | 3.7 | | | | | | | SMN | $m_B=5.9$ | | 8.0 | 4.93 | |
| | | | LN | $M_s=6.2$ | 11.0 | 4.46 | | | | | | SME | | | 8.0 | 2.82 | |
| | | | LE | | 11.0 | 3.19 | | | SSE | 30.1 | 354 | +iP | 14 46 21.5 | 0.2 | | | |
| GYA | 66.0 | 76 | P | 14 27 56.0 | -0.8 | | | | | | | PMZ | | | 1.3 | 0.23 | |
| | | | S | 14 36 35.0 | -5.9 | | | | | | | pP | 14 47 07.0 | 1.5 | | | |
| TIA | 67.1 | 61 | eP | 14 28 03.6 | -0.4 | | | | | | | PP | 14 47 30.0 | 0.6 | | | |
| CN2 | 67.5 | 51 | eP | 14 28 05.0 | -1.1 | | | | | | | S | 14 51 02.0 | -0.2 | | | |
| | | | pP | 14 28 11.0 | -2.1 | | | | | | | SMN | | | 13.0 | 1.80 | |
| | | | S | 14 37 00.0 | 1.1 | | | | | | | sS | 14 52 25.0 | 3.6 | | | |
| | | | SMN | | | 13.0 | 0.90 | | | | | ScP | 14 52 40.0 | 3.9 | | | |
| SNY | 67.6 | 53 | eP | 14 28 05.8 | -1.3 | | | | | | | PcS | 14 52 57.0 | -1.5 | | | |
| WHN | 68.8 | 68 | eP | 14 28 14.5 | 0.2 | | | | | | | SS | 14 53 04.0 | 3.2 | | | |
| | | | sP | 14 28 23.5 | -0.9 | | | | | | | ScS | 14 56 34.0 | 3.1 | | | |
| | | | S | 14 37 16.0 | 1.4 | | | | | | | LN | | | 13.0 | 2.70 | |
| | | | SME | | | 16.0 | 0.60 | | | | | LE | | | 13.0 | 2.34 | |
| | | | LE | $M_s=6.2$ | 10.0 | 4.20 | | | GYA | 30.6 | 327 | +P | 14 46 25.6 | 0.2 | | | |
| MDJ | 69.2 | 48 | eP | 14 28 17.0 | -0.2 | | | | | | | PMZ | $m_B=6.1$ | | 5.0 | 2.30 | |
| NJ2 | 70.8 | 64 | +P | 14 28 26.8 | -0.1 | | | | | | | pP | 14 47 13.0 | 3.4 | | | |
| QZN | 72.9 | 80 | eP | 14 28 42.6 | 3.2 | | | | | | | sP | 14 47 37.0 | 1.9 | | | |
| | | | eS | 14 38 08.0 | 3.7 | | | | | | | PcP | 14 49 18.0 | 0.4 | | | |
| SSE | 73.0 | 63 | eP | 14 28 39.5 | -0.2 | | | | | | | S | 14 51 10.0 | 0.6 | | | |
| | | | PMZ | | | 1.0 | 0.020 | | | | | ScP | 14 52 42.0 | 4.4 | | | |
| | | | eS | 14 38 05.3 | 0.6 | | | | | | | ScS | 14 56 35.2 | 2.1 | | | |
| | | | sS | 14 38 14.0 | -2.3 | | | | | | | LN | | | 13.0 | 4.30 | |
| | | | | | | | | | | | | LE | | | 13.0 | 2.80 | |
| | | | | | | | | | WHN | 31.0 | 343 | P | 14 46 29.0 | 0.7 | | | |
| | | | | | | | | | | | | S | 14 51 16.0 | 1.0 | | | |
| | | | | | | | | | NJ2 | 31.4 | 351 | +P | 14 46 32.3 | 0.2 | | | |
| | | | | | | | | | | | | PMZ | $m_B=5.9$ | | 7.0 | 2.20 | |
| | | | | | | | | | | | | S | 14 51 24.0 | 2.3 | | | |
| | | | | | | | | | | | | ScP | 14 52 44.2 | 4.0 | | | |
| | | | | | | | | | KMI | 31.9 | 321 | +iP | 14 46 38.0 | 1.2 | | | |

1986 12 7
 O=14 40 29.5 ± 0.12s
 LAT= 0.95 N ± 1.44km
 LONG=124.45 E ± 1.57km
 DEPTH=222 km ± 0.37km
 STATIONS USED = 93, STAND DEV = 1.14s
 $m_B=5.9/27$

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------------------------|--------------------------|-----------------|----------------------|------|------|--|--|-----|----------|------|------|------------------|----------------------|------|------|------------|------|
| O = 03 03 23.5 | ± 0.56s | | | | | | | | LN | Ms = 4.4 | 13.0 | 1.36 | | | | | | |
| LAT = 46.80 N | ± 6.05km | | | | | | | | LE | | 13.0 | 0.90 | | | | | | |
| LONG = 27.45 W | ± 2.34km | | | | | | | | TIA | 12.7 | 341 | eP | 09 41 24.9 | 2.8 | | | | |
| DEPTH = 4 km | ± 2.01km | | | | | | | | | | | | eS | 09 43 39.7 | -3.8 | | | |
| STATIONS USED = 42, | STAND DEV = 1.75s | | | | | | | | | | | | eLG ₁ | 09 44 52.0 | -6.6 | | | |
| Ms = 5.1 / 2, | | | | | | | | | | | | | LG ₂ | 09 45 18.0 | -0.7 | | | |
| KSH | 70.3 | 53 | P | 03 14 42.5 | 1.3 | | | | | | | | LN | Ms = 4.7 | 12.0 | 2.22 | | |
| WMQ | 73.1 | 43 | P | 03 14 58.2 | 0.3 | | | | | | | | LE | | 10.0 | 1.14 | | |
| GTA | 82.1 | 38 | eP | 03 15 47.1 | -0.6 | | | | | | | | GYA | 14.1 | 282 | -P | 09 41 44.8 | 3.7 |
| | | | LN | Ms = 5.2 | 20.0 | 0.67 | | | | | | | pP | 09 41 48.0 | 0.7 | | | |
| BTO | 85.1 | 31 | P | 03 16 06.0 | 3.2 | | | | | | | | S | 09 44 21.0 | 3.7 | | | |
| LZH | 86.6 | 38 | P | 03 16 11.0 | 0.5 | | | | | | | | LN | Ms = 5.4 | 8.0 | 7.50 | | |
| CN2 | 86.7 | 19 | eP | 03 16 09.0 | -1.4 | | | | | | | | LE | | 8.0 | 1.80 | | |
| BJI | 87.7 | 27 | eP | 03 16 15.0 | -0.2 | | | | | | | | DL2 | 14.6 | 359 | eP | 09 41 50.0 | 2.1 |
| XAN | 90.5 | 35 | +P | 03 16 28.5 | -0.1 | | | | | | | | eS | 09 44 32.0 | 1.8 | | | |
| CD2 | 91.0 | 40 | eP | 03 16 31.2 | 0.1 | | | | | | | | LN | Ms = 4.1 | 10.0 | 0.48 | | |
| TIA | 91.5 | 28 | eP | 03 16 32.6 | -0.5 | | | | | | | | XAN | 15.1 | 313 | eP | 09 41 53.2 | -0.5 |
| | | | | | | | | | | | | | TIY | 15.8 | 331 | +P | 09 42 03.0 | 0.4 |
| | | | | | | | | | | | | | S | 09 45 02.5 | 6.4 | | | |
| 1986 12 8 | | | | | | | | | | | | | LN | Ms = 4.8 | 12.0 | 1.89 | | |
| O = 09 38 20.4 | ± 0.15s | | | | | | | | | | | | LE | | 10.0 | 1.08 | | |
| LAT = 24.23 N | ± 2.66km | | | | | | | | | | | | BJI | 16.5 | 344 | eP | 09 42 13.5 | 1.3 |
| LONG = 122.07 E | ± 2.54km | | | | | | | | | | | | CD2 | 17.5 | 296 | eP | 09 42 23.6 | -1.4 |
| DEPTH = 26 km | ± 1.40km | | | | | | | | | | | | LN | Ms = 5.5 | 4.0 | 3.55 | | |
| STATIONS USED = 77, | STAND DEV = 2.18s | | | | | | | | | | | | SNY | 17.6 | 4 | eP | 09 42 28.4 | 2.8 |
| Ms = 4.9 / 30, | M _L = 4.7 / 3, | m _B = 5.3 / 2 | | | | | | | | | | | LN | Ms = 4.7 | 22.0 | 1.00 | | |
| QZH | 3.2 | 283 | +Pn | 09 39 10.2 | 0.0 | | | | | | | | LE | | 18.0 | 2.64 | | |
| | | | Sn | 09 39 46.1 | -3.6 | | | | | | | | KMI | 17.6 | 277 | +P | 09 42 28.5 | 2.5 |
| | | | SMN | M _L = 4.8 | 1.0 | 3.88 | | | | | | | eS | 09 45 34.0 | -5.4 | | | |
| | | | SME | | 1.2 | 2.59 | | | | | | | LN | Ms = 5.2 | 9.0 | 3.65 | | |
| | | | LN | Ms = 4.6 | 6.0 | 8.51 | | | | | | | BTO | 19.2 | 331 | eP | 09 42 44.0 | -1.4 |
| | | | LE | | 6.0 | 8.17 | | | | | | | PP | 09 42 59.0 | -2.8 | | | |
| SSE | 6.9 | 354 | +Pn | 09 40 00.5 | 0.4 | | | | | | | | eS | 09 46 13.0 | -2.4 | | | |
| | | | PMZ | | 1.0 | 0.30 | | | | | | | LN | Ms = 4.7 | 9.0 | 0.80 | | |
| | | | pP | 09 40 04.0 | -4.6 | | | | | | | | LE | | 10.0 | 0.90 | | |
| | | | Sn | 09 41 21.0 | 1.3 | | | | | | | | LZH | 19.7 | 311 | P | 09 42 50.5 | -0.1 |
| | | | LG ₁ | 09 41 59.5 | 3.0 | | | | | | | | CN2 | 19.7 | 7 | eP | 09 42 50.0 | -1.0 |
| | | | LG ₂ | 09 42 12.7 | 5.3 | | | | | | | | pP | 09 42 54.0 | -4.2 | | | |
| | | | LE | Ms = 4.8 | 8.0 | 5.83 | | | | | | | eS | 09 46 26.0 | -0.8 | | | |
| GZH | 8.1 | 264 | eP | 09 40 19.0 | -0.1 | | | | | | | | LE | Ms = 4.6 | 20.0 | 2.00 | | |
| | | | S | 09 41 41.5 | -8.8 | | | | | | | | MDJ | 21.2 | 15 | eP | 09 43 07.3 | 0.3 |
| | | | LN | | 1.0 | 0.98 | | | | | | | GTA | 24.1 | 314 | +iP | 09 43 36.5 | 0.8 |
| | | | LE | | 1.0 | 0.42 | | | | | | | eS | 09 47 54.0 | 4.6 | | | |
| NJ2 | 8.3 | 341 | -iP | 09 40 19.5 | -2.5 | | | | | | | | SME | m _B = 5.0 | 9.0 | 0.41 | | |
| | | | S | 09 41 47.0 | -8.6 | | | | | | | | LE | Ms = 4.9 | 13.0 | 1.59 | | |
| | | | LE | Ms = 5.2 | 4.0 | 6.00 | | | | | | | LSA | 28.0 | 288 | P | 09 44 11.5 | -1.1 |
| WHN | 9.3 | 314 | P | 09 40 32.0 | -4.1 | | | | | | | | WMQ | 34.2 | 313 | P | 09 45 05.0 | -1.5 |
| | | | LG ₂ | 09 43 18.0 | -9.4 | | | | | | | | KSH | 41.5 | 303 | eP | 09 46 09.0 | 1.0 |
| | | | LN | Ms = 5.3 | 6.0 | 9.52 | | | | | | | eS | 09 52 26.0 | 3.5 | | | |
| QZN | 12.5 | 248 | eP | 09 41 22.0 | 2.4 | | | | | | | | | | | | | |
| | | | eS | 09 43 42.8 | 3.8 | | | | | | | | | | | | | |

1986 12 8
 O=12 24 37.0 ± 0.14s
 LAT= 2.28 N ± 1.92km
 LONG=126.73 E ± 2.87km
 DEPTH= 55 km ± 0.52km
 STATIONS USED = 48, STAND DEV = 2.21s

| | | | | | |
|-----|------|-----|-----|------------|------|
| WHN | 30.5 | 339 | eP | 12 30 56.4 | 9.3 |
| NJ2 | 30.5 | 347 | eP | 12 30 49.0 | 1.3 |
| TIA | 34.9 | 346 | eP | 12 31 25.7 | -0.2 |
| XAN | 35.7 | 334 | eP | 12 31 30.6 | -2.1 |
| CD2 | 35.8 | 325 | eP | 12 31 32.6 | -1.0 |
| TIY | 37.6 | 341 | eP | 12 31 49.9 | 1.0 |
| BJI | 38.8 | 347 | eP | 12 31 58.5 | 0.1 |
| SNY | 39.5 | 356 | eP | 12 32 04.2 | 0.1 |
| LZH | 39.8 | 330 | eP | 12 32 07.0 | 0.4 |
| CN2 | 41.4 | 359 | eP | 12 32 19.0 | -0.7 |
| MDJ | 42.2 | 3 | -P | 12 32 27.0 | 0.1 |
| LSA | 43.4 | 313 | P | 12 32 36.6 | -0.3 |
| GTA | 44.3 | 330 | -iP | 12 32 43.3 | -0.9 |

1986 12 8
 O=21 11 07.5 ± 0.04s
 LAT= 6.75 S ± 0.54km
 LONG=130.16 E ± 0.94km
 DEPTH=109 km ± 0.24km
 STATIONS USED = 17, STAND DEV = 0.95s

| | | | | | |
|-----|------|-----|-----|------------|------|
| WHN | 40.1 | 339 | eP | 21 18 35.0 | 1.0 |
| XAN | 45.3 | 335 | P | 21 19 16.0 | -0.5 |
| BJI | 48.3 | 346 | eP | 21 19 40.5 | 0.3 |
| GTA | 53.8 | 331 | +iP | 21 20 22.5 | 0.5 |
| WMQ | 63.3 | 327 | P | 21 21 28.4 | 0.8 |

1986 12 8
 O=21 54 15.5 ± 0.25s
 LAT=57.27 S ± 2.76km
 LONG= 24.88 W ± 5.03km
 DEPTH= 26 km ± 2.16km
 STATIONS USED = 13, STAND DEV = 2.86s

| | | | | | |
|-----|-------|-----|------|------------|------|
| GTA | 140.4 | 92 | PKP | 22 13 36.9 | -6.9 |
| NJ2 | 144.6 | 120 | +PKP | 22 13 51.2 | 0.2 |
| SSE | 144.9 | 124 | ePKP | 22 13 51.5 | 0.1 |
| TIY | 145.9 | 106 | ePKP | 22 13 54.0 | 0.7 |
| TIA | 147.1 | 113 | ePKP | 22 13 57.8 | 2.5 |
| BJI | 149.6 | 108 | ePKP | 22 14 02.5 | 3.3 |

1986 12 8
 O=22 59 53.9 ± 0.14s
 LAT= 5.63 S ± 1.59km
 LONG=152.61 E ± 1.84km
 DEPTH= 31 km ± 0.29km

STATIONS USED = 9, STAND DEV = 3.37s

| | | | | | |
|-----|------|-----|----|------------|------|
| XAN | 57.1 | 317 | eP | 23 09 38.0 | -2.3 |
| GTA | 66.1 | 318 | eP | 23 10 41.2 | 0.0 |

1986 12 8
 O=23 53 41.5 ± 0.12s
 LAT= 8.12 S ± 1.25km
 LONG=148.77 E ± 1.67km
 DEPTH= 59 km ± 0.44km
 STATIONS USED = 62, STAND DEV = 1.15s
 Ms=5.1 / 2,

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| QZN | 46.9 | 306 | eP | 24 02 09.6 | 1.3 |
| SSE | 47.1 | 327 | eP | 24 02 10.5 | 0.6 |
| | | | pP | 24 02 20.0 | -4.2 |
| | | | eS | 24 09 00.0 | 3.5 |
| | | | ScS | 24 12 02.0 | 7.4 |
| | | | LN | Ms=5.1 | 20.0 0.90 |
| | | | LE | | 22.0 1.02 |
| NJ2 | 49.1 | 326 | -P | 24 02 26.8 | 1.3 |
| | | | S | 24 09 29.0 | 5.3 |
| WHN | 50.7 | 321 | eP | 24 02 37.5 | 0.0 |
| TIA | 53.2 | 328 | eP | 24 02 55.6 | -0.8 |
| GYA | 53.4 | 312 | P | 24 03 00.0 | 2.0 |
| SNY | 54.8 | 337 | eP | 24 03 07.9 | -0.3 |
| | | | S | 24 10 48.0 | 6.4 |
| | | | LN | Ms=5.0 | 28.0 1.27 |
| MDJ | 55.3 | 343 | eP | 24 03 11.0 | -0.6 |
| KMI | 55.7 | 308 | eP | 24 03 15.5 | 0.7 |
| CN2 | 55.8 | 340 | eP | 24 03 15.0 | -0.7 |
| | | | S | 24 10 54.0 | -1.4 |
| XAN | 56.4 | 320 | P | 24 03 18.9 | -1.1 |
| BJI | 56.6 | 330 | P | 24 03 20.0 | -1.1 |
| | | | PMZ | | 3.0 0.12 |
| CD2 | 58.0 | 314 | eP | 24 03 30.6 | -0.5 |
| BTO | 60.2 | 327 | eP | 24 03 46.0 | -0.4 |
| LZH | 60.9 | 319 | eP | 24 03 52.0 | 0.4 |
| GTA | 65.5 | 320 | P | 24 04 21.8 | 0.4 |
| LSA | 66.9 | 307 | P | 24 04 30.2 | -0.6 |
| WMQ | 75.5 | 319 | P | 24 05 22.3 | 0.1 |

1986 12 9
 O=04 13 46.7 ± 0.19s
 LAT=23.71 N ± 2.73km
 LONG=121.37 E ± 2.47km
 DEPTH= 11 km ± 0.81km
 STATIONS USED = 43, STAND DEV = 3.08s
 Ms=4.3 / 4, M_L=4.0 / 6,

| | | | | | |
|-----|-----|-----|-----|---------------------|----------|
| QZH | 2.8 | 296 | ePn | 04 14 32.0 | 0.0 |
| | | | Sn | 04 15 09.8 | 1.9 |
| | | | SMN | M _L =3.1 | 0.7 0.10 |

$M_s = 4.0 / 6, M_L = 3.7 / 3,$

| | | | | | | | |
|-----|------|-----|-----------------|-------------|------|------|--|
| QZH | 3.2 | 290 | Pn | 17 18 30.0 | -0.4 | | |
| | | | Sn | 17 19 07.5 | -1.5 | | |
| | | | LN | $M_s = 3.7$ | 11.0 | 1.23 | |
| | | | LE | | 11.0 | 2.34 | |
| SSE | 7.2 | 355 | ePn | 17 19 27.0 | 1.6 | | |
| | | | LG ₁ | 17 21 29.0 | 1.0 | | |
| | | | LN | $M_s = 3.6$ | 11.0 | 0.48 | |
| NJ2 | 8.6 | 342 | eP | 17 19 44.5 | -2.1 | | |
| | | | eS | 17 21 24.0 | 0.9 | | |
| | | | LE | $M_s = 4.0$ | 5.0 | 0.50 | |
| WHN | 9.4 | 316 | eP | 17 19 56.5 | -2.3 | | |
| | | | S | 17 21 36.5 | -8.2 | | |
| | | | LN | $M_s = 4.0$ | 9.0 | 0.71 | |
| GYA | 14.0 | 284 | P | 17 21 00.8 | -0.3 | | |
| | | | S | 17 23 34.0 | -2.3 | | |
| XAN | 15.2 | 315 | eP | 17 21 14.8 | -1.3 | | |
| TIY | 16.0 | 332 | eP | 17 21 31.6 | 5.3 | | |
| | | | LN | $M_s = 4.3$ | 12.0 | 0.63 | |
| | | | LE | | 12.0 | 0.30 | |
| CD2 | 17.6 | 297 | (P) | 17 21 49.4 | 3.3 | | |
| BTO | 19.4 | 332 | eP | 17 22 09.0 | 0.3 | | |
| | | | ePP | 17 22 25.0 | -0.9 | | |
| | | | eS | 17 25 40.0 | -0.8 | | |
| | | | LN | $M_s = 4.4$ | 11.0 | 0.60 | |
| | | | LE | | 11.0 | 0.30 | |
| GTA | 24.3 | 315 | eP | 17 22 58.8 | 1.2 | | |

| | | | | | | | |
|---------------------------------------|------|-----|-----|------------|------|-----|-----------------|
| WMQ | 61.7 | 325 | +P | 02 27 28.5 | -0.1 | | |
| KSH | 66.7 | 316 | P | 02 28 04.0 | 2.3 | | |
| 1986 12 10 | | | | | | | |
| O=07 33 13.3 | | | | ± 0.14s | | | |
| LAT= 9.63 S | | | | ± 1.88km | | | |
| LONG=107.75 E | | | | ± 2.12km | | | |
| DEPTH= 38 km | | | | ± 0.22km | | | |
| STATIONS USED = 55, STAND DEV = 1.31s | | | | | | | |
| KMI | 34.9 | 352 | +P | 07 40 05.0 | 1.2 | | |
| GYA | 35.9 | 358 | P | 07 40 12.4 | 0.2 | | |
| WHN | 40.4 | 9 | P | 07 40 51.0 | 0.9 | | |
| CD2 | 40.5 | 355 | -iP | 07 40 50.4 | -0.2 | | |
| | | | | | | PMZ | 0.8 0.040 |
| LSA | 42.2 | 338 | -iP | 07 41 05.2 | -0.3 | | |
| NJ2 | 42.8 | 14 | +P | 07 41 10.2 | 0.8 | | |
| LZH | 45.6 | 356 | eP | 07 41 33.0 | 0.5 | | |
| TIA | 46.4 | 10 | P | 07 41 35.0 | -3.8 | | |
| TIY | 47.3 | 5 | -P | 07 41 45.1 | -0.5 | | |
| | | | | | | PMZ | 0.7 0.040 |
| | | | | | | (S) | 07 48 29.0 -6.7 |
| GTA | 49.3 | 352 | +P | 07 42 01.6 | 0.1 | | |
| BTO | 50.0 | 2 | eP | 07 42 06.6 | -0.1 | | |
| HHC | 50.3 | 4 | P | 07 42 09.0 | -0.2 | | |
| CN2 | 55.6 | 15 | eP | 07 42 52.0 | 4.2 | | |
| WMQ | 56.2 | 343 | -P | 07 42 52.3 | -0.5 | | |
| KSH | 57.1 | 331 | P | 07 42 58.2 | -0.5 | | |

1986 12 10

O=02 17 10.1 ± 0.15s

LAT= 4.01 S ± 1.86km

LONG=131.32 E ± 2.72km

DEPTH= 27 km ± 0.26km

STATIONS USED = 49, STAND DEV = 1.86s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| NJ2 | 37.8 | 343 | -P | 02 24 27.0 | 0.9 | | |
| WHN | 38.0 | 336 | eP | 02 24 29.6 | 1.6 | | |
| GYA | 38.6 | 323 | P | 02 24 34.0 | 1.2 | | |
| KMI | 40.1 | 318 | eP | 02 24 48.0 | 2.2 | | |
| TIA | 42.2 | 343 | P | 02 25 02.5 | 0.0 | | |
| CD2 | 43.6 | 325 | P | 02 25 14.4 | 0.4 | | |
| TIY | 45.1 | 339 | eP | 02 25 26.0 | -0.1 | | |
| BJI | 46.0 | 344 | eP | 02 25 33.5 | 0.1 | | |
| SNY | 46.2 | 352 | eP | 02 25 34.0 | -0.7 | | |
| LZH | 47.5 | 330 | eP | 02 25 45.5 | 0.4 | | |
| CN2 | 47.9 | 354 | eP | 02 25 50.0 | 1.7 | | |
| HHC | 48.2 | 340 | eP | 02 25 51.0 | 0.4 | | |
| MDJ | 48.4 | 358 | eP | 02 25 45.0 | -7.5 | | |
| BTO | 48.5 | 338 | eP | 02 25 52.1 | -1.0 | | |
| LSA | 51.0 | 314 | +P | 02 26 13.0 | 0.1 | | |
| GTA | 52.1 | 329 | +P | 02 26 20.4 | 0.1 | | |

1986 12 10

O=10 40 00.7 ± 0.15s

LAT=23.73 N ± 2.36km

LONG=121.86 E ± 2.11km

DEPTH= 37 km ± 0.87km

STATIONS USED = 55, STAND DEV = 2.44s

$M_s = 4.5 / 13, M_L = 4.4 / 4,$

| | | | | | | | |
|-----|-----|-----|-----------------|-------------|------|------|--|
| QZH | 3.2 | 293 | eP | 10 40 49.3 | -0.9 | | |
| | | | S | 10 41 24.6 | -2.7 | | |
| | | | LG ₂ | 10 41 48.7 | 1.8 | | |
| | | | LN | $M_s = 4.0$ | 10.0 | 2.29 | |
| | | | LE | | 10.0 | 4.29 | |
| GZH | 7.9 | 267 | eP | 10 41 54.5 | -0.9 | | |
| | | | S | 10 43 19.5 | -4.0 | | |
| | | | LN | | 1.0 | 0.37 | |
| | | | LE | | 1.0 | 0.25 | |
| NJ2 | 8.7 | 343 | +P | 10 42 04.0 | -3.2 | | |
| | | | S | 10 43 38.4 | -6.3 | | |
| | | | LN | $M_s = 4.5$ | 10.0 | 2.60 | |
| WHN | 9.5 | 317 | -P | 10 42 15.5 | -3.1 | | |
| | | | S | 10 43 56.0 | -9.1 | | |
| | | | LE | $M_s = 4.0$ | 14.0 | 1.10 | |

| | | | | | | | |
|--------------------------------------|------|-----|-----------------|------------|------|------|-------|
| QZN | 12.1 | 250 | eP | 10 42 54.0 | -0.2 | | |
| | | | eS | 10 45 07.2 | -1.9 | | |
| TIA | 13.1 | 343 | eP | 10 43 14.1 | 7.1 | | |
| | | | eS | 10 45 40.0 | 7.8 | | |
| | | | LG ₁ | 10 46 51.0 | -1.0 | | |
| | | | LG ₂ | 10 47 19.0 | 6.3 | | |
| | | | LN | Ms=4.5 | 10.0 | 1.12 | |
| | | | LE | | 10.0 | 0.64 | |
| GYA | 14.0 | 284 | P | 10 43 20.0 | 0.5 | | |
| | | | S | 10 45 52.0 | -2.2 | | |
| | | | LE | Ms=4.6 | 10.0 | 1.40 | |
| XAN | 15.3 | 315 | eP | 10 43 35.8 | 0.1 | | |
| TIY | 16.1 | 332 | eP | 10 43 50.7 | 4.4 | | |
| | | | LN | Ms=4.5 | 12.0 | 1.05 | |
| | | | LE | | 10.0 | 0.67 | |
| BJI | 17.0 | 345 | (P) | 10 44 03.5 | 6.6 | | |
| CD2 | 17.6 | 298 | P | 10 44 06.8 | 1.8 | | |
| | | | LG ₁ | 10 49 09.5 | -3.8 | | |
| | | | LE | Ms=4.8 | 10.0 | 1.89 | |
| BTO | 19.5 | 332 | eP | 10 44 27.4 | -0.9 | | |
| LZH | 19.8 | 312 | eP | 10 44 34.5 | 2.8 | | |
| CN2 | 20.2 | 8 | eP | 10 44 34.0 | -1.6 | | |
| | | | eS | 10 48 12.0 | -3.9 | | |
| MDJ | 21.8 | 15 | eP | 10 44 51.5 | 0.2 | | |
| GTA | 24.3 | 315 | P | 10 45 17.1 | 0.4 | | |
| | | | sS | 10 49 44.0 | -2.6 | | |
| | | | LE | Ms=4.5 | 12.0 | 0.54 | |
| 1986 12 10 | | | | | | | |
| O=19 35 54.5 ± 0.12s | | | | | | | |
| LAT= 4.78 N ± 1.50km | | | | | | | |
| LONG=126.61 E ± 2.25km | | | | | | | |
| DEPTH= 73 km ± 0.23km | | | | | | | |
| STATIONS USED = 76, STAND DEV= 1.50s | | | | | | | |
| Ms=4.7/ 2, | | | | | | | |
| QZH | 21.5 | 340 | eP | 19 40 40.5 | 1.6 | | |
| QZN | 21.6 | 312 | eP | 19 40 42.6 | 2.0 | | |
| | | | eS | 19 44 35.0 | 4.1 | | |
| | | | SS | 19 45 16.0 | 4.8 | | |
| GZH | 22.3 | 326 | eP | 19 40 45.0 | -1.7 | | |
| SSE | 26.7 | 350 | +P | 19 41 29.7 | 0.9 | | |
| | | | PMZ | | | 1.3 | 0.040 |
| | | | eS | 19 46 02.0 | 5.1 | | |
| NJ2 | 28.1 | 346 | -P | 19 41 42.5 | 0.8 | | |
| WHN | 28.1 | 337 | eP | 19 41 41.5 | -0.4 | | |
| GYA | 28.8 | 321 | P | 19 41 48.0 | 0.0 | | |
| | | | PcP | 19 44 57.0 | 1.1 | | |
| | | | ScP | 19 48 32.0 | 2.7 | | |
| KMI | 30.6 | 314 | -P | 19 42 04.5 | 0.5 | | |
| TIA | 32.5 | 346 | eP | 19 42 20.3 | -0.2 | | |

| | | | | | | | |
|--|------|-----|-----------------|------------|------|------|-------|
| XAN | 33.4 | 333 | +iP | 19 42 27.6 | -1.2 | | |
| CD2 | 33.7 | 323 | +iP | 19 42 30.6 | -0.8 | | |
| | | | PMZ | | | 1.0 | 0.11 |
| DL2 | 34.3 | 353 | P | 19 42 37.5 | 1.6 | | |
| TIY | 35.2 | 340 | eP | 19 42 43.5 | -0.9 | | |
| | | | LN | Ms=4.5 | 10.0 | 0.29 | |
| BJI | 36.3 | 346 | eP | 19 42 54.5 | 0.9 | | |
| | | | eS | 19 48 30.0 | 1.1 | | |
| SNY | 37.0 | 356 | +P | 19 42 59.4 | 0.4 | | |
| LZH | 37.5 | 329 | P | 19 43 04.0 | 0.2 | | |
| HHC | 38.4 | 342 | eP | 19 43 11.0 | 0.3 | | |
| BTO | 38.7 | 340 | eP | 19 43 15.0 | 2.0 | | |
| CN2 | 38.9 | 359 | eP | 19 43 15.0 | 0.3 | | |
| MDJ | 39.8 | 3 | eP | 19 43 21.6 | -0.5 | | |
| WMQ | 51.8 | 325 | P | 19 44 56.1 | -1.5 | | |
| KSH | 57.2 | 315 | P | 19 45 37.5 | 0.5 | | |
| | | | eS | 19 53 32.0 | 6.4 | | |
| 1986 12 10 | | | | | | | |
| O=23 55 20.8 ± 0.09s | | | | | | | |
| LAT=24.95 N ± 1.31km | | | | | | | |
| LONG=121.77 E ± 1.30km | | | | | | | |
| DEPTH=101 km ± 0.78km | | | | | | | |
| STATIONS USED = 86, STAND DEV= 1.88s | | | | | | | |
| M _L =4.5/ 4, m _B =5.2/ 4 | | | | | | | |
| QZH | 2.9 | 270 | +iP | 23 56 05.2 | -0.8 | | |
| SSE | 6.1 | 355 | +P | 23 56 49.0 | -1.5 | | |
| | | | PMZ | | | 1.0 | 0.070 |
| | | | esP | 23 57 18.0 | 1.9 | | |
| | | | LG ₁ | 23 58 30.5 | -3.1 | | |
| | | | LG ₂ | 23 58 41.5 | -1.8 | | |
| | | | LN | | 6.0 | 0.85 | |
| | | | LE | | 6.0 | 2.11 | |
| NJ2 | 7.5 | 341 | -P | 23 57 08.0 | -1.5 | | |
| | | | S | 23 58 30.2 | -3.5 | | |
| | | | LN | | 4.0 | 4.20 | |
| | | | LE | | 5.0 | 2.70 | |
| GZH | 7.9 | 258 | -iP | 23 57 15.0 | 0.1 | | |
| | | | S | 23 58 39.0 | -4.4 | | |
| | | | LN | | 4.0 | 3.23 | |
| | | | LE | | 5.0 | 1.02 | |
| WHN | 8.6 | 312 | -iP | 23 57 23.5 | -0.8 | | |
| | | | iS | 23 58 56.5 | -3.8 | | |
| | | | LN | | 8.0 | 1.42 | |
| TIA | 11.9 | 342 | eP | 23 58 09.9 | 1.3 | | |
| | | | eS | 24 00 27.0 | 7.2 | | |
| | | | LN | | 6.0 | 0.67 | |
| | | | LE | | 8.0 | 0.78 | |
| QZN | 12.5 | 244 | eP | 23 58 19.4 | 2.6 | | |
| | | | eS | 24 00 37.0 | 2.4 | | |

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| | | | | | | | |
|-----|------|-----|-----|-------------|------|------|------|
| GYA | 13.7 | 280 | P | 23 58 32.4 | 0.3 | | |
| | | | sP | 23 59 02.0 | 1.6 | | |
| | | | S | 24 01 00.4 | -1.3 | | |
| | | | LN | | | 10.0 | 2.70 |
| | | | LE | | | 10.0 | 1.00 |
| DL2 | 13.9 | 360 | P | 23 58 42.2 | 7.5 | | |
| XAN | 14.4 | 312 | P | 23 58 40.2 | -0.6 | | |
| TIY | 15.0 | 330 | -P | 23 58 51.0 | 2.2 | | |
| | | | sP | 23 59 18.5 | 1.0 | | |
| | | | S | 24 01 29.5 | -2.7 | | |
| | | | sS | 24 01 47.0 | -5.3 | | |
| | | | LN | | | 10.0 | 0.65 |
| BJI | 15.8 | 344 | eP | 23 59 00.0 | 1.7 | | |
| | | | pP | 23 59 16.0 | 4.2 | | |
| | | | eS | 24 01 56.0 | 6.0 | | |
| SNY | 16.9 | 5 | eP | 23 59 13.9 | 1.4 | | |
| CD2 | 17.0 | 294 | eP | 23 59 12.9 | -0.6 | | |
| | | | LN | | | 7.0 | 1.51 |
| KMI | 17.2 | 275 | +P | 23 59 19.5 | 2.5 | | |
| BTO | 18.4 | 331 | P | 23 59 31.0 | -0.1 | | |
| LZH | 19.0 | 310 | -iP | 23 59 37.5 | 0.2 | | |
| CN2 | 19.0 | 8 | -P | 23 59 37.0 | -0.7 | | |
| | | | pP | 23 59 56.0 | 1.1 | | |
| | | | S | 24 03 00.0 | -2.5 | | |
| | | | SME | $m_B = 5.4$ | | 8.0 | 0.80 |
| MDJ | 20.6 | 16 | +P | 23 59 53.0 | -1.2 | | |
| KSH | 40.9 | 302 | eP | 24 02 57.0 | 1.7 | | |

1986 12 11

O = 00 41 41.0 ± 0.07s
 LAT = 10.59 S ± 1.07km
 LONG = 155.29 E ± 1.62km
 DEPTH = 36 km ± 0.44km

STATIONS USED = 31, STAND DEV = 1.08s

| | | | | | | | |
|-----|------|-----|-----|------------|------|--|--|
| TIA | 58.8 | 324 | eP | 00 51 38.2 | -0.6 | | |
| BJI | 62.1 | 327 | (P) | 00 51 58.0 | -2.8 | | |
| KMI | 62.3 | 306 | -P | 00 52 03.5 | 0.8 | | |
| XAN | 62.5 | 317 | eP | 00 52 03.0 | -0.9 | | |
| CD2 | 64.4 | 312 | eP | 00 52 16.3 | 0.0 | | |
| BTO | 65.9 | 324 | eP | 00 52 26.0 | 0.0 | | |
| GTA | 71.6 | 318 | P | 00 53 01.6 | 0.4 | | |
| LSA | 73.6 | 305 | P | 00 53 13.4 | 0.1 | | |
| WMQ | 81.6 | 317 | +iP | 00 53 58.7 | 0.8 | | |

1986 12 11

O = 12 58 14.1 ± 0.16s
 LAT = 5.95 S ± 2.95km
 LONG = 122.68 E ± 3.61km
 DEPTH = 33 km ± 0.20km
 STATIONS USED = 13, STAND DEV = 3.36s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| BJI | 46.2 | 353 | eP | 13 06 40.5 | 2.7 | | |
| GTA | 49.8 | 337 | P | 13 07 05.5 | -1.2 | | |

1986 12 11

O = 14 42 55.4 ± 0.15s
 LAT = 24.00 N ± 1.67km
 LONG = 121.97 E ± 1.91km
 DEPTH = 25 km ± 0.43km
 STATIONS USED = 32, STAND DEV = 2.37s
 $M_s = 3.3 / 2, M_L = 4.1 / 5,$

| | | | | | | | |
|-----|------|-----|------------------|------------|------|-------------|-----------|
| QZH | 3.2 | 288 | ePn | 14 43 44.2 | -0.6 | | |
| | | | Sn | 14 44 19.0 | -5.1 | | |
| | | | LE | | | $M_s = 3.1$ | 10.0 0.60 |
| SSE | 7.1 | 355 | ePn | 14 44 39.0 | 0.8 | | |
| | | | eLG ₁ | 14 46 32.5 | -6.0 | | |
| | | | LG ₂ | 14 46 46.0 | -3.7 | | |
| | | | LN | | | $M_s = 3.5$ | 16.0 0.58 |
| GZH | 8.0 | 265 | eP | 14 44 51.5 | -1.1 | | |
| | | | LN | | | | 1.0 0.20 |
| | | | LE | | | | 1.0 0.050 |
| NJ2 | 8.5 | 342 | eP | 14 44 56.0 | -3.7 | | |
| | | | S | 14 46 30.0 | -5.4 | | |
| WHN | 9.4 | 316 | eP | 14 45 14.5 | 2.0 | | |
| | | | S | 14 46 58.5 | 0.3 | | |
| QZN | 12.3 | 249 | eP | 14 45 52.8 | 0.4 | | |
| GYA | 14.1 | 283 | eP | 14 46 15.6 | -0.1 | | |
| | | | S | 14 48 44.8 | -6.6 | | |
| CD2 | 17.6 | 297 | P | 14 47 00.0 | -0.4 | | |
| BTO | 19.4 | 332 | eP | 14 47 23.0 | 0.7 | | |
| CN2 | 20.0 | 7 | eP | 14 47 28.0 | -0.8 | | |
| GTA | 24.2 | 315 | P | 14 48 12.4 | 0.7 | | |

1986 12 11

O = 18 57 53.5 ± 0.09s
 LAT = 25.75 N ± 1.54km
 LONG = 125.38 E ± 1.22km
 DEPTH = 138 km ± 1.11km

STATIONS USED = 71, STAND DEV = 1.70s

| | | | | | | | |
|-----|------|-----|-----|------------|------|--|-----------|
| QZH | 6.2 | 264 | +iP | 18 59 22.5 | -1.4 | | |
| | | | PMZ | | | | 2.0 1.06 |
| | | | S | 19 00 33.0 | -0.8 | | |
| SSE | 6.5 | 326 | +iP | 18 59 27.0 | -0.8 | | |
| | | | PMZ | | | | 0.8 0.020 |
| | | | esP | 18 59 58.0 | -2.3 | | |
| | | | eS | 19 00 40.0 | -0.8 | | |
| | | | LE | | | | 8.0 0.47 |
| NJ2 | 8.5 | 319 | +P | 18 59 54.5 | -0.3 | | |
| | | | S | 19 01 25.6 | -3.6 | | |
| | | | LE | | | | 8.0 0.50 |
| WHN | 10.8 | 299 | P | 19 00 26.0 | 0.0 | | |

| | | | | | | | |
|-----|------|-----|-----|------------|------|------|--|
| GZH | 11.3 | 259 | P | 19 00 30.5 | -1.3 | | |
| | | | eS | 19 02 36.0 | 0.2 | | |
| TIA | 12.6 | 328 | +P | 19 00 50.9 | 1.8 | | |
| DL2 | 13.5 | 347 | eP | 19 01 05.0 | 4.4 | | |
| QZN | 15.8 | 248 | -P | 19 01 33.6 | 3.3 | | |
| | | | eS | 19 04 25.0 | 3.3 | | |
| SNY | 16.1 | 355 | -P | 19 01 34.6 | 1.1 | | |
| BJI | 16.2 | 334 | eP | 19 01 35.5 | 0.9 | | |
| TIY | 16.2 | 320 | -P | 19 01 36.5 | 1.5 | | |
| | | | PMZ | | 1.1 | 0.11 | |
| | | | sP | 19 02 13.0 | -0.1 | | |
| | | | (S) | 19 04 30.0 | -0.3 | | |
| | | | LN | | 10.0 | 0.29 | |
| XAN | 16.5 | 304 | eP | 19 01 39.0 | 0.8 | | |
| GYA | 16.8 | 277 | P | 19 01 43.6 | 1.0 | | |
| | | | S | 19 04 50.0 | 6.7 | | |
| HHC | 18.9 | 326 | -P | 19 02 06.0 | -0.6 | | |
| MDJ | 19.1 | 9 | eP | 19 02 07.5 | -1.0 | | |
| BTO | 19.6 | 323 | P | 19 02 12.5 | -0.7 | | |
| CD2 | 19.7 | 290 | eP | 19 02 13.6 | -1.0 | | |
| | | | S | 19 05 44.0 | 0.3 | | |
| KMI | 20.5 | 273 | eP | 19 02 22.5 | 0.1 | | |
| LZH | 21.1 | 304 | eP | 19 02 28.5 | -0.5 | | |
| GTA | 25.4 | 309 | +iP | 19 03 09.1 | -1.0 | | |
| | | | pP | 19 03 37.2 | -1.0 | | |
| LSA | 30.5 | 285 | P | 19 03 55.3 | -1.2 | | |
| WMQ | 35.4 | 310 | P | 19 04 37.4 | -1.3 | | |

1986 12 11
 O=19 56 11.6 ± 0.09s
 LAT=10.44 S ± 1.09km
 LONG=160.87 E ± 1.64km
 DEPTH= 63 km ± 0.30km
 STATIONS USED = 84, STAND DEV = 0.88s
 Ms=5.1/ 4, m_B=5.6/ 2

| | | | | | | | |
|-----|------|-----|------|------------|--------|-------|------|
| QZH | 54.2 | 311 | +P | 20 05 34.7 | 1.3 | | |
| SSE | 56.2 | 319 | P | 20 05 47.0 | -0.7 | | |
| | | | PMZ | | 1.3 | 0.090 | |
| | | | pP | 20 06 01.3 | -1.9 | | |
| | | | eS | 20 13 27.0 | -3.2 | | |
| | | | sS | 20 13 59.0 | 2.0 | | |
| | | | eScS | 20 15 28.0 | 1.9 | | |
| | | | eSS | 20 17 14.0 | -2.2 | | |
| | | | LN | | Ms=4.9 | 20.0 | 0.60 |
| GZH | 57.2 | 306 | P | 20 05 56.0 | 0.8 | | |
| QZN | 58.2 | 300 | -P | 20 06 02.8 | 0.7 | | |
| | | | eS | 20 13 58.0 | 0.9 | | |
| NJ2 | 58.3 | 318 | +P | 20 06 03.0 | 0.2 | | |
| WHN | 60.5 | 314 | P | 20 06 17.0 | -0.8 | | |
| DL2 | 61.2 | 326 | eP | 20 06 22.0 | -0.7 | | |

| | | | | | | | |
|-----|------|-----|-----|------------|---------------------|------|------|
| MDJ | 61.7 | 335 | eP | 20 06 25.6 | -0.4 | | |
| | | | S | 20 14 46.0 | 5.4 | | |
| TIA | 62.0 | 321 | +P | 20 06 27.0 | -1.4 | | |
| SNY | 62.3 | 329 | eP | 20 06 29.1 | -0.8 | | |
| | | | eS | 20 14 47.0 | -2.3 | | |
| | | | LN | | Ms=5.2 | 30.0 | 1.18 |
| | | | LE | | | 32.0 | 1.06 |
| CN2 | 62.9 | 332 | +P | 20 06 32.0 | -1.8 | | |
| | | | PMZ | | m _B =5.7 | 4.0 | 0.40 |
| | | | eS | 20 14 55.0 | -1.6 | | |
| GYA | 64.2 | 306 | +P | 20 06 43.0 | 0.5 | | |
| BJI | 65.1 | 323 | eP | 20 06 48.0 | -0.3 | | |
| | | | eS | 20 15 22.0 | -2.1 | | |
| TIY | 65.9 | 319 | +P | 20 06 53.5 | -0.4 | | |
| | | | S | 20 15 30.0 | -3.2 | | |
| | | | ScS | 20 16 44.0 | 5.0 | | |
| | | | LN | | Ms=5.2 | 18.0 | 0.79 |
| XAN | 66.2 | 314 | +iP | 20 06 55.1 | -0.6 | | |
| KMI | 66.7 | 303 | +iP | 20 07 00.0 | 0.8 | | |
| | | | PMZ | | | 2.0 | 0.50 |
| | | | SMN | | m _B =5.4 | 8.0 | 0.40 |
| HHC | 68.3 | 322 | +P | 20 07 09.0 | 0.0 | | |
| CD2 | 68.5 | 309 | +iP | 20 07 09.9 | 0.1 | | |
| | | | PMZ | | | 1.0 | 0.19 |
| BTO | 69.1 | 321 | P | 20 07 14.0 | 0.0 | | |
| LZH | 70.8 | 314 | +iP | 20 07 26.0 | 1.5 | | |
| GTA | 75.2 | 315 | +iP | 20 07 51.0 | 0.8 | | |
| | | | LN | | Ms=4.9 | 20.0 | 0.43 |
| LSA | 78.0 | 303 | +P | 20 08 06.3 | 0.2 | | |
| WMQ | 85.3 | 316 | +P | 20 08 46.5 | 2.6 | | |

1986 12 11
 O=22 26 42.2 ± 0.14s
 LAT=18.54 N ± 1.99km
 LONG=147.11 E ± 2.66km
 DEPTH= 56 km ± 0.53km
 STATIONS USED = 81, STAND DEV = 1.64s
 Ms=5.1/ 29, m_B=5.6/ 5

| | | | | | | | |
|-----|------|-----|-----|------------|--------|------|------|
| SSE | 26.6 | 303 | eP | 22 32 16.0 | -1.2 | | |
| | | | epP | 22 32 30.0 | -0.2 | | |
| | | | eS | 22 36 42.0 | -3.4 | | |
| | | | SME | | | 14.0 | 0.93 |
| | | | esS | 22 37 07.0 | -1.1 | | |
| | | | LE | | Ms=5.1 | 20.0 | 3.75 |
| QZH | 27.2 | 289 | +P | 22 32 29.0 | 5.9 | | |
| | | | eS | 22 36 58.0 | 2.1 | | |
| | | | LN | | Ms=5.0 | 11.0 | 1.31 |
| NJ2 | 28.8 | 303 | eP | 22 32 40.5 | 3.3 | | |
| | | | S | 22 37 22.5 | 2.4 | | |
| | | | sS | 22 37 47.5 | 3.6 | | |

| | | | | | |
|-----|------|-----|-----|------------|------|
| TIA | 89.4 | 312 | eP | 01 17 41.8 | 0.1 |
| GYA | 91.8 | 299 | P | 01 17 53.0 | 0.3 |
| BJI | 92.3 | 315 | (P) | 01 17 53.5 | -1.2 |
| TIY | 93.4 | 311 | eP | 01 17 59.0 | -1.1 |
| XAN | 93.9 | 306 | P | 01 18 03.8 | 1.4 |
| CD2 | 96.2 | 302 | (P) | 01 18 13.5 | 0.8 |

1986 12 12

O=08 39 28.3 ± 0.11s
 LAT=37.07 N ± 1.49km
 LONG= 72.27 E ± 1.50km
 DEPTH=146 km ± 0.92km
 STATIONS USED = 11, STAND DEV= 2.67s

$M_L=4.3/3,$

| | | | | | |
|-----|------|----|-----|------------|----------|
| KSH | 3.8 | 50 | P | 08 40 27.0 | 0.4 |
| | | | S | 08 41 10.5 | -0.3 |
| | | | SMN | $M_L=4.5$ | 0.2 1.30 |
| | | | SME | | 0.2 1.10 |
| WMQ | 13.5 | 55 | eP | 08 42 35.6 | -0.1 |
| GTA | 21.7 | 75 | -P | 08 44 12.6 | 3.5 |

1986 12 12

O=10 29 49.0 ± 0.16s
 LAT=26.85 S ± 1.71km
 LONG=177.41 W ± 2.14km
 DEPTH= 35 km ± 0.53km
 STATIONS USED = 15, STAND DEV= 1.63s

| | | | | | |
|-----|------|-----|----|------------|------|
| CN2 | 87.6 | 323 | +P | 10 42 35.2 | -0.6 |
| TIY | 91.9 | 312 | eP | 10 42 56.5 | 0.5 |
| XAN | 92.4 | 307 | eP | 10 42 59.2 | 1.0 |

1986 12 12

O=11 39 23.7 ± 0.08s
 LAT=39.71 N ± 2.20km
 LONG=143.09 E ± 1.80km
 DEPTH= 61 km ± 1.43km
 STATIONS USED = 33, STAND DEV= 1.92s

| | | | | | |
|-----|------|-----|----|------------|------|
| MDJ | 11.2 | 300 | eP | 11 42 03.1 | 0.2 |
| CN2 | 13.8 | 293 | eP | 11 42 42.0 | 4.1 |
| BJI | 20.6 | 280 | eP | 11 43 59.5 | -1.2 |
| TIA | 20.7 | 269 | eP | 11 44 01.5 | -0.3 |
| NJ2 | 21.0 | 256 | eP | 11 44 04.0 | -0.7 |
| TIY | 24.0 | 275 | eP | 11 44 36.8 | 3.3 |
| WHN | 25.1 | 258 | P | 11 44 45.0 | 0.1 |
| XAN | 27.8 | 269 | eP | 11 45 08.7 | -0.9 |
| GYA | 33.0 | 258 | P | 11 45 55.2 | -0.6 |
| GTA | 33.1 | 284 | -P | 11 45 57.2 | 0.5 |
| WMQ | 40.9 | 294 | P | 11 47 03.5 | 1.7 |

1986 12 12

O=14 35 33.9 ± 0.04s
 LAT=11.24 S ± 0.60km
 LONG=165.12 E ± 1.22km
 DEPTH= 32 km ± 0.25km
 STATIONS USED = 19, STAND DEV= 0.78s

| | | | | | |
|-----|------|-----|----|------------|------|
| GYA | 68.0 | 305 | eP | 14 46 32.6 | -0.4 |
| XAN | 69.8 | 313 | eP | 14 46 43.3 | -0.6 |
| CD2 | 72.2 | 308 | P | 14 46 57.9 | -0.6 |
| GTA | 78.7 | 314 | +P | 14 47 36.3 | 0.3 |

1986 12 12

O=15 42 31.5 ± 0.14s
 LAT=18.00 S ± 2.19km
 LONG=178.40 W ± 2.73km
 DEPTH=591 km ± 0.76km
 STATIONS USED = 64, STAND DEV= 1.10s

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| QZH | 74.7 | 303 | -P | 15 53 13.5 | -0.4 |
| SSE | 75.8 | 310 | +P | 15 53 19.0 | -0.9 |
| | | | PMZ | | 0.9 0.020 |
| NJ2 | 78.0 | 309 | -P | 15 53 32.0 | 0.3 |
| MDJ | 78.3 | 325 | eP | 15 53 33.0 | -0.1 |
| QZN | 79.5 | 294 | eP | 15 53 39.5 | -0.1 |
| SNY | 80.1 | 320 | -P | 15 53 42.0 | -0.5 |
| CN2 | 80.1 | 322 | -P | 15 53 42.4 | -0.3 |
| WHN | 80.7 | 306 | P | 15 53 45.5 | -0.1 |
| TIA | 81.3 | 312 | eP | 15 53 48.8 | -0.2 |
| BJI | 83.9 | 315 | P | 15 54 01.5 | -0.2 |
| GYA | 85.1 | 300 | -P | 15 54 08.2 | 0.3 |
| XAN | 86.3 | 307 | -iP | 15 54 14.0 | 0.3 |
| HHC | 87.3 | 314 | -P | 15 54 18.6 | 0.1 |
| KMI | 87.9 | 297 | -P | 15 54 22.0 | 0.8 |
| BTO | 88.3 | 314 | eP | 15 54 24.0 | 1.0 |
| CD2 | 89.1 | 303 | eP | 15 54 27.2 | 0.4 |
| LZH | 91.0 | 308 | -iP | 15 54 36.0 | 0.6 |
| GTA | 95.1 | 310 | -P | 15 54 53.6 | -0.6 |

1986 12 12

O=15 55 29.7 ± 0.15s
 LAT= 7.23 S ± 2.75km
 LONG=107.31 E ± 3.12km
 DEPTH= 90 km ± 0.39km
 STATIONS USED = 52, STAND DEV= 1.99s

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| QZN | 26.2 | 5 | eP | 16 01 00.2 | 2.0 |
| GYA | 33.5 | 359 | -P | 16 02 03.2 | 0.2 |
| | | | PcP | 16 04 43.0 | 1.5 |
| | | | ScP | 16 08 16.0 | -0.5 |
| CD2 | 38.1 | 355 | P | 16 02 41.2 | -0.5 |
| WHN | 38.2 | 10 | eP | 16 02 49.4 | 7.1 |
| | | | LE | | 24.0 1.01 |
| LSA | 39.9 | 338 | P | 16 02 55.2 | -1.8 |

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| | | | | | | | |
|-----|------|-----|-----|------------|------|------|-------|
| SSE | 40.4 | 19 | eP | 16 03 04.0 | 3.5 | | |
| | | | LN | | | 36.0 | 2.14 |
| | | | LE | | | 36.0 | 4.58 |
| NJ2 | 40.6 | 15 | +P | 16 03 04.0 | 1.6 | | |
| XAN | 41.1 | 2 | P | 16 03 06.0 | -0.5 | | |
| LZH | 43.2 | 356 | eP | 16 03 25.0 | 0.9 | | |
| TIA | 44.2 | 11 | eP | 16 03 31.1 | -0.7 | | |
| TIY | 45.0 | 6 | +iP | 16 03 38.0 | -0.1 | | |
| | | | PMZ | | | 1.0 | 0.020 |
| | | | LE | | | 15.0 | 0.48 |
| GTA | 46.9 | 352 | -P | 16 03 52.9 | -0.8 | | |
| | | | PcP | 16 05 25.1 | 0.5 | | |
| | | | ScP | 16 09 07.0 | -1.5 | | |
| | | | ScS | 16 13 32.6 | -2.9 | | |
| | | | LN | | | 30.0 | 1.73 |
| BTO | 47.7 | 3 | P | 16 03 59.2 | -0.2 | | |
| BJI | 47.7 | 9 | eP | 16 03 59.5 | -0.4 | | |
| CN2 | 53.4 | 16 | eP | 16 04 40.6 | -2.2 | | |
| WMQ | 53.8 | 342 | eP | 16 04 44.0 | -2.2 | | |
| KSH | 54.8 | 330 | eP | 16 04 54.2 | 1.2 | | |

1986 12 12

O = 16 33 30.3 ± 0.06s
 LAT = 72.97 N ± 0.64km
 LONG = 4.82 E ± 0.72km
 DEPTH = 11 km ± 0.13km
 STATIONS USED = 29, STAND DEV = 0.58s

| | | | | | | | |
|-----|------|----|-----|------------|------|--|--|
| WMQ | 46.7 | 81 | eP | 16 42 02.4 | 0.7 | | |
| GTA | 54.2 | 72 | P | 16 42 58.5 | -0.7 | | |
| BTO | 55.9 | 63 | eP | 16 43 10.4 | -0.9 | | |
| CN2 | 56.6 | 48 | eP | 16 43 15.0 | -1.2 | | |
| BJI | 58.0 | 57 | (P) | 16 43 26.5 | 0.5 | | |
| TIY | 59.2 | 62 | eP | 16 43 35.6 | 0.8 | | |
| TIA | 61.9 | 58 | P | 16 43 52.2 | -0.4 | | |
| GYA | 68.3 | 71 | P | 16 44 34.4 | -0.2 | | |

1986 12 13

O = 07 49 15.1 ± 0.26s
 LAT = 27.53 S ± 2.51km
 LONG = 176.31 W ± 3.75km
 DEPTH = 27 km ± 0.77km
 STATIONS USED = 34, STAND DEV = 1.99s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| MDJ | 87.1 | 325 | eP | 08 02 00.0 | -0.7 | | |
| WHN | 87.8 | 306 | eP | 08 02 04.0 | -0.1 | | |
| SNY | 88.5 | 320 | eP | 08 02 06.2 | -1.3 | | |
| CN2 | 88.8 | 322 | +P | 08 02 07.5 | -1.2 | | |
| TIA | 89.1 | 312 | eP | 08 02 09.8 | -0.5 | | |
| BJI | 91.9 | 315 | eP | 08 02 23.0 | -0.4 | | |
| TIY | 93.1 | 311 | -P | 08 02 28.9 | 0.1 | | |
| XAN | 93.6 | 307 | eP | 08 02 31.3 | 0.3 | | |

| | | | | | | | |
|-----|------|-----|----|------------|-----|--|--|
| KMI | 93.9 | 296 | eP | 08 02 39.5 | 7.0 | | |
| CD2 | 95.8 | 302 | eP | 08 02 41.2 | 0.0 | | |

1986 12 13

O = 10 39 49.3 ± 0.06s
 LAT = 28.19 N ± 0.99km
 LONG = 139.05 E ± 1.17km
 DEPTH = 530 km ± 0.48km
 STATIONS USED = 32, STAND DEV = 0.98s

| | | | | | | | |
|-----|------|-----|-----|------------|------|--|--|
| MDJ | 18.1 | 338 | eP | 10 43 30.0 | 1.0 | | |
| SNY | 18.6 | 321 | -iP | 10 43 34.4 | 0.6 | | |
| CN2 | 19.0 | 329 | +P | 10 43 39.4 | 1.0 | | |
| TIA | 20.2 | 299 | eP | 10 43 48.7 | -0.5 | | |
| WHN | 21.6 | 282 | eP | 10 44 03.5 | 0.8 | | |
| BJI | 22.3 | 308 | (P) | 10 44 06.0 | -2.3 | | |
| CD2 | 30.7 | 284 | P | 10 45 23.0 | 0.0 | | |
| GTA | 34.2 | 299 | +P | 10 45 52.0 | -0.5 | | |

1986 12 13

O = 13 50 28.1 ± 0.11s
 LAT = 29.38 N ± 0.99km
 LONG = 103.94 E ± 0.98km
 DEPTH = 8 km ± 0.30km
 STATIONS USED = 7, STAND DEV = 4.03s

| | | | | | | | |
|-----|-----|-----|-----|----------------------|-----|-------|--|
| CD2 | 1.5 | 354 | Pg | 13 50 56.5 | 1.2 | | |
| | | | Sg | 13 51 16.9 | 0.8 | | |
| | | | SMN | M _L = 2.8 | 0.4 | 0.10 | |
| | | | SME | | 0.6 | 0.16 | |
| GYA | 3.8 | 140 | Pg | 13 51 39.0 | 3.9 | | |
| | | | Sg | 13 52 31.0 | 4.5 | | |
| | | | SMN | M _L = 3.0 | 1.0 | 0.040 | |
| | | | SME | | 1.0 | 0.030 | |

1986 12 13

O = 17 20 23.6 ± 0.12s
 LAT = 11.22 N ± 1.71km
 LONG = 125.47 E ± 1.47km
 DEPTH = 60 km ± 1.04km
 STATIONS USED = 15, STAND DEV = 1.65s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| GYA | 23.3 | 313 | P | 17 25 29.0 | 1.4 | | |
| XAN | 27.3 | 329 | P | 17 26 04.0 | -1.0 | | |
| CD2 | 28.1 | 318 | P | 17 26 11.8 | -0.4 | | |
| GTA | 36.2 | 325 | -P | 17 27 23.0 | 0.3 | | |

1986 12 13

O = 18 02 20.8 ± 0.14s
 LAT = 26.67 S ± 2.27km
 LONG = 177.52 W ± 4.00km
 DEPTH = 38 km ± 0.72km

STATIONS USED = 31, STAND DEV = 1.97s
 $m_B = 5.7 / 2$

| | | | | | |
|-----|------|-----|------|-------------|----------|
| MDJ | 85.8 | 325 | eP | 18 15 00.0 | 1.6 |
| WHN | 86.5 | 307 | eP | 18 15 01.5 | -0.1 |
| CN2 | 87.4 | 323 | +P | 18 15 06.0 | -0.4 |
| TIA | 87.8 | 313 | eP | 18 15 07.5 | -0.4 |
| GYA | 90.1 | 300 | P | 18 15 19.0 | -0.1 |
| BJI | 90.6 | 315 | eP | 18 15 21.0 | -0.3 |
| | | | eSKS | 18 25 48.0 | 1.4 |
| TIY | 91.7 | 312 | P | 18 15 24.5 | -2.1 |
| | | | S | 18 26 28.0 | 7.7 |
| | | | SMN | $m_B = 5.5$ | 9.0 0.40 |
| | | | SS | 18 32 40.0 | 8.6 |
| XAN | 92.2 | 307 | eP | 18 15 29.6 | 0.7 |
| KMI | 92.5 | 297 | +P | 18 15 31.0 | 0.4 |
| CD2 | 94.5 | 302 | eP | 18 15 40.0 | 0.8 |
| BTO | 94.8 | 313 | eP | 18 15 40.0 | -0.9 |

1986 12 13

O = 18 31 51.8 ± 0.11s

LAT = 18.02 S ± 2.07km

LONG = 167.88 E ± 2.81km

DEPTH = 22 km ± 0.72km

STATIONS USED = 78, STAND DEV = 1.72s

$M_s = 5.8 / 32,$

$m_B = 6.2 / 25$

| | | | | | |
|-----|------|-----|-----|-------------|-----------|
| QZH | 64.2 | 310 | +P | 18 42 26.0 | -2.2 |
| | | | S | 18 51 05.0 | 2.9 |
| SSE | 66.3 | 317 | eP | 18 42 38.0 | -3.4 |
| | | | PcP | 18 43 10.0 | -0.4 |
| | | | ScP | 18 47 09.0 | -1.9 |
| | | | S | 18 51 27.0 | -0.3 |
| | | | eSS | 18 55 42.0 | -2.9 |
| | | | LN | $M_s = 6.1$ | 20.0 4.20 |
| | | | LE | | 20.0 6.92 |
| GZH | 67.1 | 306 | eP | 18 42 46.5 | -0.2 |
| | | | S | 18 51 44.0 | 6.7 |
| | | | SMN | $m_B = 6.3$ | 11.0 3.07 |
| | | | SME | | 9.0 1.06 |
| | | | LE | $M_s = 5.6$ | 15.0 1.85 |
| QZN | 67.9 | 300 | -P | 18 42 52.0 | 0.7 |
| | | | sP | 18 43 03.0 | 0.9 |
| | | | PP | 18 45 25.0 | 3.0 |
| | | | S | 18 51 52.0 | 6.0 |
| | | | SMN | $m_B = 6.3$ | 9.0 2.40 |
| | | | SME | | 7.0 1.00 |
| | | | LN | $M_s = 5.6$ | 14.0 1.10 |
| | | | LE | | 14.0 1.00 |
| NJ2 | 68.4 | 316 | -P | 18 42 55.4 | 0.5 |
| | | | S | 18 51 58.0 | 5.1 |
| | | | SMN | $m_B = 6.1$ | 12.0 2.40 |

| | | | | | |
|-----|------|-----|------|-------------|-----------|
| WHN | 70.6 | 313 | eP | 18 43 07.0 | -1.0 |
| | | | S | 18 52 20.0 | 1.9 |
| | | | SMN | $m_B = 6.1$ | 9.0 1.78 |
| | | | ScS | 18 53 07.0 | 1.7 |
| | | | LE | $M_s = 5.9$ | 16.0 3.30 |
| DL2 | 71.3 | 323 | eP | 18 43 07.0 | -5.2 |
| | | | S | 18 52 30.0 | 3.8 |
| | | | LN | $M_s = 5.8$ | 14.0 1.79 |
| | | | LE | | 16.0 1.94 |
| MDJ | 71.4 | 332 | eP | 18 43 12.5 | -0.8 |
| | | | pP | 18 43 19.0 | -1.8 |
| | | | S | 18 52 31.0 | 2.8 |
| | | | SME | $m_B = 6.4$ | 9.0 3.10 |
| | | | LN | $M_s = 5.8$ | 14.0 2.20 |
| TIA | 72.2 | 319 | eP | 18 43 17.6 | -0.1 |
| | | | eS | 18 52 30.0 | -8.2 |
| | | | SMN | $m_B = 6.1$ | 11.0 1.65 |
| | | | SME | | 11.0 0.54 |
| | | | eScS | 18 53 25.0 | 7.0 |
| | | | LN | $M_s = 5.9$ | 14.0 2.44 |
| | | | LE | | 14.0 1.51 |
| SNY | 72.3 | 327 | +iP | 18 43 17.8 | -0.3 |
| | | | PMZ | $m_B = 5.7$ | 11.0 1.05 |
| | | | pP | 18 43 30.0 | 4.4 |
| | | | S | 18 52 42.0 | 4.4 |
| | | | SMN | $m_B = 6.3$ | 12.0 2.42 |
| | | | SME | | 12.0 2.46 |
| | | | LN | $M_s = 6.1$ | 20.0 5.83 |
| | | | LE | | 20.0 3.05 |
| CN2 | 72.7 | 329 | +P | 18 43 20.0 | -1.1 |
| | | | PMZ | $m_B = 6.0$ | 5.0 0.90 |
| | | | sP | 18 43 30.0 | -1.9 |
| | | | eS | 18 52 40.0 | -4.7 |
| | | | SME | $m_B = 6.3$ | 10.0 2.90 |
| GYA | 74.1 | 305 | P | 18 43 29.6 | 0.7 |
| | | | sP | 18 43 38.6 | -0.9 |
| | | | PP | 18 46 23.0 | 8.2 |
| | | | S | 18 53 01.0 | 3.0 |
| | | | SMN | $m_B = 6.4$ | 9.0 2.90 |
| | | | SME | | 9.0 1.50 |
| | | | LN | $M_s = 5.9$ | 18.0 2.60 |
| | | | LE | | 18.0 2.80 |
| BJI | 75.2 | 321 | eP | 18 43 35.0 | -0.2 |
| | | | PMZ | $m_B = 5.6$ | 6.0 0.51 |
| | | | eS | 18 53 15.0 | 3.0 |
| | | | SMN | $m_B = 6.2$ | 10.0 1.67 |
| | | | SME | | 12.0 1.27 |
| | | | PS | 18 53 54.0 | |
| | | | LN | $M_s = 5.8$ | 15.0 2.19 |

| | | | | | | |
|--------------------------------------|------|-----|-----------------|-------------|------|-----------|
| | | | LE | | 8.0 | 0.70 |
| GYA | 27.6 | 265 | P | 00 16 48.0 | -1.3 | |
| | | | pP | 00 17 52.0 | -0.6 | |
| | | | S | 00 21 03.2 | -1.1 | |
| | | | ScP | 00 23 06.8 | 4.7 | |
| | | | ScS | 00 26 56.6 | 2.9 | |
| QZN | 28.5 | 248 | e(P) | 00 16 56.0 | -0.3 | |
| | | | PP | 00 18 08.0 | -0.1 | |
| | | | eS | 00 21 17.0 | -0.8 | |
| CD2 | 28.8 | 276 | P | 00 16 56.0 | -3.7 | |
| | | | PMZ | | | 1.0 0.11 |
| | | | S | 00 21 21.0 | -1.9 | |
| GTA | 31.2 | 293 | -iP | 00 17 19.9 | 0.0 | |
| | | | PP | 00 18 42.5 | 3.0 | |
| | | | S | 00 21 58.8 | -0.6 | |
| | | | SMN | $m_B = 4.8$ | | 6.0 0.25 |
| | | | ScP | 00 23 16.6 | 3.2 | |
| | | | ScS | 00 27 11.4 | 1.0 | |
| | | | LE | | | 15.0 0.41 |
| KMI | 31.4 | 265 | eP | 00 17 23.0 | 0.7 | |
| | | | S | 00 22 05.0 | 1.5 | |
| | | | ScP | 00 23 17.0 | 2.8 | |
| | | | SS | 00 24 29.0 | 3.2 | |
| WMQ | 40.2 | 301 | -iP | 00 18 36.5 | 0.8 | |
| | | | PMZ | | | 1.5 0.37 |
| | | | pP | 00 19 40.0 | -4.1 | |
| | | | sP | 00 20 19.5 | -3.4 | |
| | | | ScP | 00 23 48.2 | 1.8 | |
| | | | eS | 00 24 15.2 | -2.3 | |
| | | | ScS | 00 28 01.5 | 1.1 | |
| KSH | 49.5 | 296 | -iP | 00 19 50.0 | 1.5 | |
| | | | pP | 00 21 02.0 | 2.5 | |
| | | | eS | 00 26 33.0 | 4.2 | |
| 1986 12 14 | | | | | | |
| O=03 19 14.0 ± 0.23s | | | | | | |
| LAT=47.18 N ± 2.73km | | | | | | |
| LONG= 82.94 E ± 3.11km | | | | | | |
| DEPTH= 11 km ± 1.11km | | | | | | |
| STATIONS USED = 35, STAND DEV= 3.89s | | | | | | |
| $M_s = 4.3 / 4, M_L = 4.8 / 3,$ | | | | | | |
| WMQ | 4.7 | 133 | -Pn | 03 20 25.5 | -0.4 | |
| GTA | 14.5 | 116 | eP | 03 22 35.6 | -6.3 | |
| | | | LG ₁ | 03 26 52.8 | 2.7 | |
| | | | LN | $M_s = 3.4$ | | 8.0 0.050 |
| | | | LE | | | 7.0 0.060 |
| LZH | 19.1 | 118 | eP | 03 23 38.0 | -1.8 | |
| CD2 | 22.8 | 128 | P | 03 24 24.2 | 5.7 | |
| XAN | 23.6 | 114 | eP | 03 24 24.0 | -1.8 | |
| TIY | 23.6 | 103 | eP | 03 24 33.9 | 7.6 | |

| | | | | | | |
|--------------------------------------|------|-----|-----|------------|-------------|-----------|
| | | | LN | | $M_s = 4.2$ | 10.0 |
| GYA | 27.9 | 130 | eP | 03 25 10.0 | 3.5 | |
| 1986 12 14 | | | | | | |
| O=07 42 17.4 ± 0.08s | | | | | | |
| LAT=17.95 S ± 2.44km | | | | | | |
| LONG=174.88 W ± 1.91km | | | | | | |
| DEPTH=270 km ± 1.08km | | | | | | |
| STATIONS USED = 44, STAND DEV= 1.29s | | | | | | |
| MDJ | 80.2 | 323 | eP | 07 53 55.0 | -5.0 | |
| NJ2 | 80.6 | 308 | +P | 07 54 03.0 | 1.0 | |
| CN2 | 82.1 | 321 | +P | 07 54 10.0 | -0.1 | |
| SNY | 82.2 | 318 | -P | 07 54 11.0 | 0.5 | |
| WHN | 83.4 | 305 | eP | 07 54 15.0 | -1.3 | |
| TIA | 83.8 | 311 | eP | 07 54 18.5 | 0.0 | |
| BJI | 86.2 | 314 | (P) | 07 54 30.0 | -0.4 | |
| TIY | 87.8 | 311 | +P | 07 54 39.0 | 0.8 | |
| | | | PMZ | | | 1.0 0.030 |
| GYA | 88.0 | 298 | P | 07 54 40.2 | 1.1 | |
| HHC | 89.7 | 313 | eP | 07 54 48.0 | 0.8 | |
| BTO | 90.7 | 313 | eP | 07 54 52.3 | 0.6 | |
| 1986 12 14 | | | | | | |
| O=08 39 29.0 ± 0.10s | | | | | | |
| LAT=30.79 N ± 2.02km | | | | | | |
| LONG=138.69 E ± 2.00km | | | | | | |
| DEPTH=415 km ± 2.74km | | | | | | |
| STATIONS USED = 49, STAND DEV= 1.59s | | | | | | |
| MDJ | 15.6 | 335 | eP | 08 42 49.0 | 0.1 | |
| SNY | 16.4 | 316 | -P | 08 42 52.8 | -4.6 | |
| CN2 | 16.7 | 325 | eP | 08 43 01.0 | 0.6 | |
| NJ2 | 17.0 | 279 | +iP | 08 43 03.3 | 0.0 | |
| TIA | 18.8 | 292 | eP | 08 43 21.2 | 0.0 | |
| BJI | 20.5 | 303 | eP | 08 43 37.5 | -0.4 | |
| TIY | 22.7 | 295 | -P | 08 43 59.4 | 0.4 | |
| | | | PMZ | | | 0.8 0.020 |
| HHC | 24.1 | 302 | -P | 08 44 11.5 | 0.1 | |
| BTO | 25.2 | 301 | eP | 08 44 21.2 | 0.1 | |
| GYA | 28.4 | 269 | P | 08 44 49.0 | -0.7 | |
| CD2 | 29.9 | 279 | P | 08 45 02.1 | -0.8 | |
| | | | PMZ | | | 0.6 0.050 |
| GTA | 32.7 | 296 | -iP | 08 45 27.2 | -0.1 | |
| 1986 12 14 | | | | | | |
| O=09 09 17.9 ± 0.18s | | | | | | |
| LAT=27.55 N ± 4.00km | | | | | | |
| LONG= 54.39 E ± 2.25km | | | | | | |
| DEPTH= 32 km ± 0.31km | | | | | | |
| STATIONS USED = 33, STAND DEV= 1.98s | | | | | | |
| $M_s = 5.4 / 2,$ | | | | | | |

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| | | | | | | | |
|-----|------|----|-----|------------|--------|------|------|
| KSH | 21.5 | 51 | eP | 09 14 10.5 | 4.0 | | |
| | | | LN | | Ms=5.9 | 4.0 | 6.00 |
| WMQ | 31.3 | 50 | eP | 09 15 37.5 | -0.2 | | |
| GTA | 39.3 | 61 | eP | 09 16 45.4 | -0.8 | | |
| GYA | 46.3 | 79 | eP | 09 17 42.0 | -1.0 | | |
| BTO | 47.2 | 59 | eP | 09 17 56.9 | 7.1 | | |
| HHC | 48.3 | 59 | eP | 09 17 59.0 | 0.1 | | |
| TIY | 49.2 | 63 | eP | 09 18 04.0 | -1.9 | | |
| | | | LN | | Ms=4.8 | 16.0 | 0.52 |
| QZN | 51.3 | 87 | eP | 09 18 20.4 | -1.1 | | |
| BJI | 51.9 | 59 | (P) | 09 18 25.0 | -1.0 | | |
| CN2 | 58.3 | 54 | eP | 09 19 10.0 | -2.3 | | |

1986 12 14

O=13 06 08.6 ± 0.59s
 LAT=21.86 N ± 4.47km
 LONG=119.05 E ± 3.50km
 DEPTH= 16 km
 STATIONS USED = 9, STAND DEV= 3.90s

M_L=3.8/ 5,

| | | | | | | | |
|-----|------|-----|-----|------------|---------------------|-----|------|
| QZH | 3.1 | 352 | ePn | 13 06 51.6 | -5.7 | | |
| | | | SMN | | M _L =3.5 | 0.4 | 0.14 |
| | | | SME | | | 0.6 | 0.19 |
| GZH | 5.4 | 284 | ePn | 13 07 31.5 | 2.2 | | |
| | | | eSn | 13 08 42.2 | 8.7 | | |
| GYA | 12.2 | 294 | eP | 13 09 04.2 | -1.0 | | |

1986 12 14

O=13 24 08.6 ± 0.68s
 LAT=22.09 N ± 6.02km
 LONG=119.14 E ± 4.49km
 DEPTH= 21 km ± 0.68km
 STATIONS USED = 8, STAND DEV= 4.09s

M_L=3.6/ 5,

| | | | | | | | |
|-----|-----|-----|-----|------------|---------------------|-----|------|
| QZH | 2.9 | 350 | ePn | 13 24 51.3 | -2.4 | | |
| | | | Sn | 13 25 22.0 | -7.6 | | |
| | | | SMN | | M _L =3.4 | 0.4 | 0.20 |
| | | | SME | | | 0.4 | 0.10 |
| GZH | 5.4 | 282 | Pn | 13 25 30.5 | 1.5 | | |

1986 12 14

O=23 35 05.6 ± 0.23s
 LAT=27.03 S ± 3.05km
 LONG=176.09 W ± 2.30km
 DEPTH= 27 km ± 0.68km
 STATIONS USED = 30, STAND DEV= 1.15s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| NJ2 | 85.4 | 309 | +P | 23 47 43.4 | 1.0 | | |
| MDJ | 86.8 | 324 | eP | 23 47 49.5 | -0.2 | | |
| WHN | 87.7 | 306 | P | 23 47 54.0 | 0.2 | | |
| CN2 | 88.5 | 322 | -P | 23 47 57.0 | -0.7 | | |

| | | | | | | | |
|-----|------|-----|-----|------------|-----|--|--|
| TIA | 88.9 | 312 | eP | 23 48 00.0 | 0.2 | | |
| GYA | 91.4 | 299 | P | 23 48 12.0 | 0.7 | | |
| BJI | 91.7 | 315 | (P) | 23 48 13.0 | 0.2 | | |
| TIY | 92.9 | 311 | eP | 23 48 18.5 | 0.2 | | |
| KMI | 93.8 | 296 | +P | 23 48 23.5 | 0.9 | | |
| CD2 | 95.7 | 302 | (P) | 23 48 32.2 | 1.0 | | |

1986 12 15

O=03 13 33.6 ± 0.07s
 LAT=42.94 N ± 0.87km
 LONG= 85.38 E ± 0.63km
 DEPTH= 19 km ± 0.04km
 STATIONS USED = 9, STAND DEV= 2.74s

M_L=4.0/ 5,

| | | | | | | | |
|-----|------|-----|-----------------|------------|------|-----|-------|
| WMQ | 1.9 | 62 | Pg | 03 14 08.4 | 0.8 | | |
| | | | Sg | 03 14 32.1 | -1.6 | | |
| GTA | 11.4 | 103 | eP | 03 16 15.6 | -3.9 | | |
| | | | LG ₁ | 03 19 37.6 | 4.7 | | |
| | | | LN | | | 1.0 | 0.030 |
| | | | LE | | | 1.0 | 0.030 |

1986 12 15

O=20 31 19.4 ± 0.16s
 LAT=15.82 S ± 1.01km
 LONG=177.47 W ± 1.92km
 DEPTH=437 km ± 1.04km

STATIONS USED = 29, STAND DEV= 1.12s

| | | | | | | | |
|-----|------|-----|----|------------|------|------|------|
| MDJ | 77.0 | 324 | eP | 20 42 26.1 | -2.0 | | |
| CN2 | 78.9 | 322 | eP | 20 42 38.0 | -0.4 | | |
| BJI | 82.9 | 315 | eP | 20 42 59.0 | -0.1 | | |
| TIY | 84.6 | 311 | +P | 20 43 08.0 | 0.8 | | |
| | | | LE | | | 11.0 | 0.22 |
| XAN | 85.7 | 307 | +P | 20 43 13.7 | 0.9 | | |
| BTO | 87.4 | 313 | eP | 20 43 22.0 | 0.9 | | |
| GTA | 94.4 | 310 | +P | 20 43 53.2 | -0.1 | | |

1986 12 15

O=23 25 56.8 ± 0.11s
 LAT=37.24 N ± 1.04km
 LONG=114.79 E ± 1.07km
 DEPTH= 11 km ± 0.30km

STATIONS USED = 23, STAND DEV= 3.05s

M_L=3.7/ 14,

| | | | | | | | |
|-----|-----|-----|------|------------|---------------------|-----|------|
| TIY | 1.9 | 285 | (Pn) | 23 26 29.6 | -0.6 | | |
| | | | Pg | 23 26 32.2 | 1.2 | | |
| | | | Sg | 23 26 58.9 | 1.4 | | |
| | | | SMN | | M _L =3.9 | 1.5 | 1.14 |
| | | | SME | | | 1.0 | 0.94 |
| TIA | 2.1 | 118 | ePn | 23 26 30.2 | -2.6 | | |
| | | | Pg | 23 26 34.7 | 0.2 | | |

| | | | | | | | |
|-----|------|-----|-----|------------|------|------|-------|
| BJI | 47.3 | 284 | eP | 10 35 55.0 | 1.1 | | |
| TIA | 49.1 | 279 | +P | 10 36 08.9 | 0.6 | | |
| HHC | 49.5 | 288 | eP | 10 36 12.0 | 0.4 | | |
| SSE | 50.0 | 271 | +iP | 10 36 16.4 | 1.1 | | |
| | | | PMZ | | | 1.0 | 0.10 |
| | | | pP | 10 36 27.0 | 2.8 | | |
| | | | eS | 10 43 24.0 | 0.8 | | |
| BTO | 50.6 | 288 | eP | 10 36 20.4 | 0.6 | | |
| NJ2 | 50.8 | 274 | -P | 10 36 21.6 | 0.3 | | |
| TIY | 51.0 | 284 | -P | 10 36 23.8 | 1.0 | | |
| | | | S | 10 43 35.0 | -0.5 | | |
| | | | LN | Ms=5.2 | 10.5 | 0.58 | |
| | | | LE | | 10.5 | 0.51 | |
| WHN | 54.6 | 276 | +P | 10 36 49.5 | -0.4 | | |
| XAN | 55.6 | 283 | eP | 10 36 56.1 | -0.5 | | |
| LZH | 57.2 | 288 | eP | 10 37 08.0 | -0.5 | | |
| GTA | 57.3 | 294 | -P | 10 37 07.8 | -1.3 | | |
| WMQ | 60.8 | 305 | P | 10 37 32.5 | -1.0 | | |
| CD2 | 60.9 | 284 | -P | 10 37 33.6 | -0.2 | | |
| | | | PMZ | | | 0.8 | 0.060 |
| GYA | 62.3 | 278 | +P | 10 37 43.4 | 0.0 | | |
| KMI | 65.7 | 280 | +iP | 10 38 05.5 | -0.1 | | |
| QZN | 65.8 | 270 | eP | 10 38 07.0 | 0.8 | | |
| | | | eS | 10 46 49.0 | -0.6 | | |
| | | | eSS | 10 51 04.0 | -0.3 | | |
| LSA | 69.2 | 292 | +P | 10 38 27.8 | -0.3 | | |

1986 12 16
O = 20 33 42.0 ± 0.09s
LAT = 29.02 N ± 0.86km
LONG = 107.01 E ± 0.80km
DEPTH = 3 km ± 0.36km
STATIONS USED = 7, STAND DEV = 3.59s
M_L = 2.9 / 4,

| | | | | | | | |
|-----|-----|-----|-----|----------------------|------|-----|-------|
| GYA | 2.6 | 187 | Pg | 20 34 25.0 | -2.6 | | |
| | | | Sg | 20 34 57.4 | -5.2 | | |
| | | | SMN | M _L = 3.0 | | 1.0 | 0.10 |
| | | | SME | | | 1.0 | 0.070 |
| CD2 | 3.4 | 304 | ePn | 20 34 35.1 | -1.0 | | |
| | | | Pg | 20 34 44.5 | 2.6 | | |
| | | | Sn | 20 35 20.2 | 1.4 | | |
| | | | Sg | 20 35 31.5 | 3.2 | | |
| | | | SMN | M _L = 2.9 | | 0.7 | 0.040 |
| | | | SME | | | 0.8 | 0.040 |

1986 12 16
O = 18 46 16.0 ± 0.10s
LAT = 10.94 S ± 1.46km
LONG = 165.30 E ± 2.91km
DEPTH = 40 km ± 0.84km
STATIONS USED = 37, STAND DEV = 1.51s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| SSE | 59.5 | 316 | eP | 18 56 17.3 | -0.7 | | |
| NJ2 | 61.6 | 316 | +P | 18 56 32.6 | -0.1 | | |
| MDJ | 64.1 | 332 | eP | 18 56 48.2 | -0.5 | | |
| SNY | 65.0 | 327 | eP | 18 56 55.3 | 0.4 | | |
| CN2 | 65.4 | 329 | -P | 18 56 57.0 | -0.6 | | |
| | | | pP | 18 57 06.0 | -2.5 | | |
| GYA | 68.0 | 304 | P | 18 57 14.0 | 0.0 | | |
| BJI | 68.1 | 321 | eP | 18 57 14.0 | -0.7 | | |
| TIY | 69.2 | 317 | eP | 18 57 21.8 | 0.4 | | |
| | | | S | 19 06 26.0 | 4.2 | | |
| XAN | 69.7 | 313 | eP | 18 57 24.2 | -0.4 | | |
| KMI | 70.7 | 302 | +P | 18 57 32.0 | 1.3 | | |
| CD2 | 72.2 | 307 | eP | 18 57 39.2 | -0.3 | | |
| LZH | 74.4 | 312 | eP | 18 57 52.0 | -0.4 | | |
| GTA | 78.7 | 314 | eP | 18 58 17.0 | 0.3 | | |
| WMQ | 88.7 | 315 | P | 18 59 07.7 | 0.1 | | |

1986 12 16
O = 21 22 22.4 ± 0.39s
LAT = 2.39 S ± 3.60km
LONG = 139.92 E ± 3.77km
DEPTH = 27 km ± 3.49km
STATIONS USED = 21, STAND DEV = 2.47s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| GYA | 43.1 | 314 | P | 21 30 24.0 | 1.7 | | |
| KMI | 45.2 | 310 | +P | 21 30 41.0 | 1.0 | | |
| XAN | 46.5 | 324 | eP | 21 30 49.8 | -0.1 | | |
| CD2 | 47.8 | 317 | eP | 21 30 59.2 | -0.5 | | |
| BTO | 50.8 | 331 | eP | 21 31 22.5 | -0.3 | | |
| GTA | 55.5 | 323 | +P | 21 31 58.3 | 0.0 | | |
| WMQ | 65.5 | 321 | P | 21 33 06.2 | -0.1 | | |
| KSH | 71.7 | 313 | eP | 21 33 35.5 | -9.3 | | |

1986 12 16
O = 22 33 55.5 ± 0.10s
LAT = 45.67 N ± 1.96km
LONG = 26.37 E ± 1.12km
DEPTH = 142 km ± 0.37km
STATIONS USED = 32, STAND DEV = 1.23s

| | | | | | | | |
|-----|------|----|-----|------------|------|--|--|
| WMQ | 42.7 | 70 | P | 22 41 41.0 | 0.9 | | |
| LSA | 52.3 | 84 | +P | 22 42 58.2 | 2.6 | | |
| GTA | 52.7 | 69 | eP | 22 42 58.2 | -0.2 | | |
| CD2 | 60.3 | 75 | eP | 22 43 51.6 | -0.2 | | |
| XAN | 61.8 | 69 | +P | 22 44 01.7 | -0.4 | | |
| BJI | 62.7 | 60 | eP | 22 44 07.5 | -0.6 | | |
| KMI | 63.2 | 81 | -P | 22 44 11.5 | -0.2 | | |
| GYA | 65.0 | 77 | P | 22 44 23.0 | -0.5 | | |
| CN2 | 65.7 | 52 | +P | 22 44 26.8 | -0.8 | | |
| | | | epP | 22 45 01.0 | -0.1 | | |
| NJ2 | 69.5 | 65 | +P | 22 44 51.0 | -0.1 | | |

1986 12 16
 O=22 49 35.1 ± 0.07s
 LAT=36.35 N ± 0.86km
 LONG= 70.94 E ± 0.91km
 DEPTH=125 km ± 0.76km
 STATIONS USED = 10, STAND DEV= 1.82s
 M_L=4.5 / 1,

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| KSH | 5.1 | 51 | cP | 22 50 51.4 | 1.2 | | |
| | | | S | 22 51 48.5 | 1.0 | | |
| LSA | 18.2 | 106 | cP | 22 53 38.8 | -2.5 | | |
| GTA | 23.0 | 74 | cP | 22 54 30.6 | 1.0 | | |

1986 12 17
 O=08 31 30.0 ± 0.08s
 LAT=36.61 N ± 1.50km
 LONG= 71.07 E ± 1.37km
 DEPTH=225 km ± 0.28km
 STATIONS USED = 82, STAND DEV= 1.27s
 M_L=5.0 / 1, m_B=5.4 / 17

| | | | | | | | |
|-----|------|-----|-----|------------|------|---------------------|-----------|
| KSH | 4.8 | 52 | -iP | 08 32 43.5 | 0.0 | | |
| | | | eP | 08 33 28.0 | -0.2 | | |
| | | | S | 08 33 38.0 | -2.1 | | |
| | | | LE | | | 2.0 | 5.90 |
| WMQ | 14.6 | 55 | -iP | 08 34 46.0 | -1.6 | | |
| | | | S | 08 37 22.0 | -1.3 | | |
| LSA | 18.2 | 107 | P | 08 35 28.8 | 0.0 | | |
| GTA | 22.8 | 74 | +iP | 08 36 16.4 | 1.9 | | |
| | | | pP | 08 36 55.0 | 0.2 | | |
| | | | sP | 08 37 20.0 | -2.8 | | |
| | | | S | 08 40 05.0 | 2.1 | | |
| | | | SMN | | | m _B =5.5 | 11.0 3.01 |
| | | | LE | | | | 12.0 4.17 |
| LZH | 26.3 | 81 | eP | 08 36 48.0 | 0.4 | | |
| CD2 | 27.7 | 92 | eP | 08 36 58.0 | -1.7 | | |
| | | | S | 08 41 17.0 | -6.2 | | |
| | | | LE | | | | 18.0 8.64 |
| KMI | 29.4 | 104 | -P | 08 37 15.0 | 0.1 | | |
| | | | sP | 08 38 26.0 | 0.8 | | |
| | | | S | 08 41 53.0 | 3.0 | | |
| | | | SMN | | | m _B =5.3 | 6.0 0.70 |
| | | | SME | | | | 6.0 0.90 |
| | | | LN | | | | 12.0 0.92 |
| BTO | 30.5 | 70 | -iP | 08 37 26.0 | 1.1 | | |
| | | | pP | 08 38 11.0 | 1.3 | | |
| | | | cPP | 08 38 37.0 | 2.6 | | |
| | | | S | 08 42 09.0 | 0.8 | | |
| | | | sS | 08 43 31.0 | 2.6 | | |
| XAN | 30.9 | 83 | P | 08 37 27.0 | -0.7 | | |
| HHC | 31.7 | 70 | +P | 08 37 35.0 | 0.1 | | |

| | | | | | | | |
|-----|------|-----|-----|------------|------|---------------------|-----------|
| | | | sP | 08 38 47.0 | 1.3 | | |
| GYA | 31.8 | 98 | P | 08 37 36.2 | 0.0 | | |
| | | | pP | 08 38 23.0 | 1.6 | | |
| | | | sP | 08 38 48.0 | 0.9 | | |
| | | | PcP | 08 40 21.0 | 0.0 | | |
| | | | S | 08 42 30.0 | 1.6 | | |
| | | | SME | | | m _B =5.4 | 6.0 1.30 |
| | | | sS | 08 43 49.0 | -0.2 | | |
| TIY | 32.8 | 75 | -P | 08 37 45.5 | 1.0 | | |
| | | | PMZ | | | | 1.0 0.060 |
| | | | pP | 08 38 32.0 | 2.1 | | |
| | | | sP | 08 38 56.0 | 0.5 | | |
| | | | S | 08 42 42.0 | -1.4 | | |
| | | | SME | | | m _B =5.2 | 7.0 0.93 |
| | | | sS | 08 44 06.5 | 2.0 | | |
| | | | SS | 08 44 52.0 | -7.0 | | |
| | | | ScS | 08 47 52.5 | 8.5 | | |
| BJI | 35.3 | 70 | P | 08 38 06.5 | 1.1 | | |
| | | | PcP | 08 40 30.5 | -0.2 | | |
| | | | ScP | 08 43 53.0 | -0.5 | | |
| | | | eS | 08 43 24.0 | 1.7 | | |
| | | | sS | 08 44 42.0 | -0.9 | | |
| WHN | 36.3 | 87 | eP | 08 38 15.3 | 0.9 | | |
| | | | sP | 08 39 24.0 | -2.0 | | |
| | | | PP | 08 39 48.0 | 5.7 | | |
| | | | S | 08 43 40.0 | 2.3 | | |
| | | | SME | | | m _B =5.3 | 10.0 1.04 |
| | | | SS | 08 46 22.5 | 7.1 | | |
| | | | LN | | | | 10.0 0.74 |
| TIA | 36.8 | 76 | eP | 08 38 18.6 | 0.3 | | |
| | | | pP | 08 39 06.0 | 1.5 | | |
| | | | sP | 08 39 30.5 | 0.6 | | |
| | | | S | 08 43 48.0 | 3.3 | | |
| | | | SME | | | m _B =5.3 | 8.0 0.87 |
| | | | sS | 08 45 11.0 | 4.4 | | |
| QZN | 38.2 | 107 | eP | 08 38 30.1 | 0.1 | | |
| | | | eS | 08 44 06.0 | -0.8 | | |
| | | | SME | | | m _B =5.2 | 10.0 0.70 |
| | | | LE | | | | 15.0 0.90 |
| GZH | 38.8 | 98 | P | 08 38 35.0 | 0.4 | | |
| | | | sP | 08 39 43.0 | -3.6 | | |
| | | | eS | 08 44 14.0 | -1.2 | | |
| | | | SMN | | | m _B =5.5 | 8.0 0.95 |
| | | | SME | | | | 11.0 0.96 |
| NJ2 | 39.4 | 82 | +P | 08 38 40.3 | 0.4 | | |
| | | | PcP | 08 40 43.6 | 0.2 | | |
| | | | ScP | 08 44 09.6 | 0.7 | | |
| | | | S | 08 44 28.0 | 4.1 | | |
| | | | SME | | | m _B =5.2 | 12.0 0.70 |
| SNY | 40.5 | 66 | +P | 08 38 49.0 | 0.2 | | |

| | | | | |
|-----|------|---------|------------|------|
| | | eS | 21 32 45.0 | 1.1 |
| WMQ | 49.0 | 62 P | 21 27 22.1 | 0.7 |
| LSA | 57.7 | 77 +P | 21 28 23.7 | -2.0 |
| GTA | 59.1 | 63 +P | 21 28 35.1 | -0.3 |
| LZH | 63.5 | 64 eP | 21 29 04.0 | -1.3 |
| BTO | 65.3 | 57 eP | 21 29 16.5 | -0.1 |
| HHC | 66.1 | 56 eP | 21 29 22.6 | 0.6 |
| CD2 | 66.2 | 69 eP | 21 29 22.1 | -0.7 |
| XAN | 68.1 | 63 eP | 21 29 34.0 | -0.7 |
| TIY | 68.4 | 58 e(P) | 21 29 36.5 | 0.0 |
| | | (S) | 21 38 33.5 | 0.5 |
| KMI | 68.8 | 75 eP | 21 29 37.0 | -1.8 |
| BJI | 69.5 | 55 eP | 21 29 42.5 | -0.4 |
| GYA | 70.9 | 71 P | 21 29 50.6 | -1.0 |
| CN2 | 72.7 | 47 +iP | 21 30 03.2 | 0.8 |
| SNY | 72.9 | 50 eP | 21 30 03.8 | 0.4 |
| MDJ | 74.5 | 44 eP | 21 30 13.0 | 0.3 |

1986 12 17

O=22 01 47.4 ± 0.13s
 LAT=43.37 N ± 2.46km
 LONG= 26.03 E ± 1.54km
 DEPTH= 19 km ± 0.33km
 STATIONS USED = 18, STAND DEV= 2.38s

| | | | | |
|-----|------|-------|------------|------|
| LSA | 52.8 | 82 P | 22 11 02.2 | -2.7 |
| GTA | 53.8 | 67 eP | 22 11 11.3 | -0.6 |
| CD2 | 61.1 | 74 eP | 22 12 04.4 | 0.9 |
| XAN | 62.9 | 68 eP | 22 12 15.2 | 0.0 |
| GYA | 65.8 | 76 P | 22 12 37.4 | 2.9 |

1986 12 18

O=01 54 09.7 ± 0.10s
 LAT=51.18 N ± 4.78km
 LONG=174.45 W ± 2.05km
 DEPTH= 37 km ± 0.93km
 STATIONS USED = 31, STAND DEV= 2.00s

| | | | | |
|-----|------|--------|------------|------|
| MDJ | 37.3 | 282 eP | 02 01 19.0 | -1.5 |
| CN2 | 40.3 | 284 eP | 02 01 44.6 | -0.6 |
| SNY | 42.5 | 282 +P | 02 02 04.2 | 0.6 |
| BJI | 48.1 | 285 eP | 02 02 48.0 | -0.1 |
| TIY | 51.8 | 285 eP | 02 03 17.0 | 0.3 |
| XAN | 56.4 | 284 +P | 02 03 49.2 | -1.0 |
| CD2 | 61.7 | 285 eP | 02 04 27.0 | 0.0 |
| WMQ | 61.7 | 305 P | 02 04 26.4 | -0.9 |
| GYA | 63.1 | 279 P | 02 04 36.6 | 0.3 |

1986 12 18

O=03 46 29.4 ± 0.08s
 LAT=51.66 N ± 3.08km
 LONG=179.11 E ± 1.38km

| | | | | |
|-----|------|--------------------------------------|------------|-----------|
| | | DEPTH= 67 km ± 0.54km | | |
| | | STATIONS USED = 73, STAND DEV= 1.22s | | |
| MDJ | 33.2 | 278 eP | 03 53 01.0 | -1.7 |
| CN2 | 36.2 | 279 -P | 03 53 27.5 | -0.6 |
| | | eS | 03 59 06.0 | 3.0 |
| SNY | 38.4 | 278 -iP | 03 53 47.5 | 0.8 |
| BJI | 44.0 | 280 eP | 03 54 33.0 | 0.3 |
| TIA | 45.8 | 276 -P | 03 54 47.6 | 0.5 |
| SSE | 46.7 | 267 +P | 03 54 54.7 | 0.8 |
| | | PMZ | | 1.0 0.070 |
| | | cpP | 03 55 09.7 | -0.7 |
| BTO | 47.4 | 285 eP | 03 55 01.0 | 1.2 |
| NJ2 | 47.5 | 270 +P | 03 55 00.6 | 0.4 |
| TIY | 47.8 | 280 -iP | 03 55 03.5 | 1.1 |
| | | PMZ | | 0.6 0.070 |
| WHN | 51.3 | 272 -P | 03 55 29.0 | -0.6 |
| | | PMZ | | 1.0 0.090 |
| XAN | 52.3 | 279 -iP | 03 55 36.6 | -0.5 |
| LZH | 54.1 | 285 -P | 03 55 50.0 | 0.0 |
| GTA | 54.2 | 290 -iP | 03 55 51.4 | 0.0 |
| CD2 | 57.6 | 280 -iP | 03 56 15.3 | -0.4 |
| | | PMZ | | 1.0 0.050 |
| WMQ | 58.1 | 302 -iP | 03 56 19.0 | 0.2 |
| GYA | 59.0 | 274 P | 03 56 24.2 | -1.0 |
| KMI | 62.4 | 276 -P | 03 56 47.5 | -0.9 |

1986 12 18

O=04 38 35.7 ± 0.05s
 LAT=38.95 N ± 0.59km
 LONG=101.50 E ± 0.44km
 DEPTH= 15 km ± 0.28km
 STATIONS USED = 7, STAND DEV= 2.39s

| | | | | |
|-----|-----|--------------------------|---------------------|----------|
| | | M _L =3.4 / 6, | | |
| GTA | 1.4 | 290 +iPg | 04 38 58.8 | -1.7 |
| | | Sg | 04 39 17.3 | -2.0 |
| | | SMN | M _L =3.6 | 0.4 0.75 |
| | | SME | | 0.4 0.85 |

1986 12 18

O=07 23 29.3 ± 0.07s
 LAT=36.70 N ± 1.11km
 LONG= 71.33 E ± 1.08km
 DEPTH=181 km ± 0.25km
 STATIONS USED = 38, STAND DEV= 1.27s

| | | | | |
|-----|------|--------|------------|------|
| KSH | 4.6 | 52 -iP | 07 24 40.0 | 1.0 |
| | | sP | 07 25 20.0 | 3.3 |
| | | S | 07 25 33.0 | 0.9 |
| WMQ | 14.4 | 55 -P | 07 26 45.0 | -0.8 |
| | | sP | 07 27 35.3 | 3.0 |
| | | S | 07 29 24.5 | 4.3 |

1986 12 19
O = 23 10 30.0 ± 0.29s
LAT = 34.53 N ± 1.22km
LONG = 122.16 E ± 2.86km
DEPTH = 16 km
STATIONS USED = 11, STAND DEV = 4.34s
M_L = 4.0 / 9,

| | | | | | | | |
|-----|-----|-----|-----|----------------------|------|------|--|
| SSE | 3.5 | 194 | ePn | 23 11 21.0 | -3.6 | | |
| | | | Pg | 23 11 30.7 | -1.5 | | |
| | | | Sn | 23 12 13.6 | 5.7 | | |
| | | | Sg | 23 12 15.8 | -4.5 | | |
| | | | SMN | M _L = 4.0 | 0.7 | 0.23 | |
| | | | SME | | 0.7 | 0.62 | |
| NJ2 | 3.7 | 229 | +Pg | 23 11 37.0 | 1.4 | | |
| | | | Sn | 23 12 08.3 | -4.3 | | |
| | | | Sg | 23 12 26.0 | -0.3 | | |
| | | | SMN | M _L = 3.8 | 0.6 | 0.30 | |
| | | | SME | | 0.6 | 0.20 | |
| DL2 | 4.4 | 355 | cPg | 23 11 49.0 | 1.4 | | |
| TIA | 4.4 | 294 | cPn | 23 11 40.3 | 3.0 | | |
| | | | Pg | 23 11 54.7 | 6.2 | | |
| | | | Sg | 23 12 55.0 | 5.7 | | |
| | | | SMN | M _L = 4.1 | 1.0 | 0.33 | |
| | | | SME | | 1.0 | 0.27 | |

1986 12 20
O = 05 04 39.0 ± 0.12s
LAT = 7.67 S ± 4.84km
LONG = 75.29 W ± 8.44km
DEPTH = 36 km
STATIONS USED = 36, STAND DEV = 2.57s

| | | | | | | | |
|-----|-------|-----|------|------------|------|--|--|
| KSH | 139.2 | 35 | ePKP | 05 24 06.0 | 2.4 | | |
| WMQ | 141.0 | 20 | cPKP | 05 24 04.0 | -2.8 | | |
| DL2 | 145.4 | 336 | cPKP | 05 24 13.5 | -0.7 | | |
| BJI | 146.2 | 344 | cPKP | 05 24 16.0 | 0.4 | | |
| HHC | 146.4 | 351 | cPKP | 05 24 17.0 | 0.9 | | |
| BTO | 146.9 | 353 | PKP | 05 24 19.0 | 2.1 | | |
| GTA | 148.1 | 7 | iPKP | 05 24 22.7 | 3.8 | | |
| TIY | 149.3 | 348 | PKP | 05 24 25.6 | 4.9 | | |
| TIA | 149.4 | 340 | cPKP | 05 24 21.0 | 0.1 | | |
| SSE | 152.1 | 329 | PKP | 05 24 31.7 | 6.8 | | |
| NJ2 | 152.4 | 333 | cPKP | 05 24 22.0 | -3.4 | | |

1986 12 20
O = 07 59 01.5 ± 0.29s
LAT = 28.19 S ± 2.12km
LONG = 176.61 W ± 3.03km
DEPTH = 40 km ± 2.74km
STATIONS USED = 48, STAND DEV = 1.68s
M_s = 5.5 / 1,

| | | | | | | | |
|-----|------|-----|-----|----------------------|------|------|-------|
| SSE | 83.6 | 310 | P | 08 11 27.5 | -0.3 | | |
| | | | PMZ | | | 1.0 | 0.030 |
| NJ2 | 85.8 | 310 | +P | 08 11 39.4 | 0.9 | | |
| MDJ | 87.5 | 325 | cP | 08 11 45.5 | -1.6 | | |
| WHN | 88.0 | 306 | +P | 08 11 49.5 | 0.0 | | |
| SNY | 88.9 | 320 | cP | 08 11 51.6 | -2.1 | | |
| CN2 | 89.1 | 322 | +P | 08 11 53.0 | -1.9 | | |
| GYA | 91.5 | 299 | +P | 08 12 06.4 | 0.2 | | |
| BJI | 92.2 | 315 | cP | 08 12 08.5 | -0.8 | | |
| TIY | 93.3 | 311 | cP | 08 12 14.5 | 0.1 | | |
| | | | S | 08 23 23.5 | 9.0 | | |
| | | | LE | M _s = 5.5 | | 10.0 | 0.51 |
| XAN | 93.8 | 307 | cP | 08 12 15.5 | -0.9 | | |
| KMI | 93.9 | 296 | cP | 08 12 18.0 | 0.7 | | |
| CD2 | 96.0 | 302 | cP | 08 12 27.2 | 0.9 | | |

1986 12 20
O = 08 21 23.7 ± 0.13s
LAT = 28.29 S ± 3.01km
LONG = 176.64 W ± 2.45km
DEPTH = 61 km ± 2.00km
STATIONS USED = 68, STAND DEV = 1.47s
M_s = 5.9 / 20, m_B = 6.3 / 12

| | | | | | | | |
|-----|------|-----|------|----------------------|------|------|-------|
| QZH | 81.7 | 304 | +P | 08 33 38.5 | 0.5 | | |
| | | | SME | m _B = 6.2 | | 5.0 | 0.97 |
| | | | LE | M _s = 6.3 | | 22.0 | 10.0 |
| SSE | 83.6 | 310 | +iP | 08 33 46.0 | -1.7 | | |
| | | | PMZ | | | 1.2 | 0.050 |
| | | | cPP | 08 36 58.0 | -3.4 | | |
| | | | cSKS | 08 44 06.0 | 6.5 | | |
| | | | SS | 08 49 30.0 | -2.4 | | |
| | | | LN | M _s = 5.7 | | 20.0 | 1.87 |
| GZH | 84.6 | 300 | cP | 08 33 54.0 | 1.4 | | |
| | | | cS | 08 44 19.0 | 5.5 | | |
| QZN | 85.2 | 294 | +P | 08 33 56.0 | 0.5 | | |
| | | | PMZ | m _B = 5.9 | | 10.0 | 1.40 |
| | | | SKS | 08 44 16.0 | 6.1 | | |
| | | | S | 08 44 23.0 | 5.6 | | |
| | | | SS | 08 50 00.0 | 4.6 | | |
| | | | LN | M _s = 5.8 | | 19.0 | 1.60 |
| | | | LE | | | 20.0 | 1.70 |
| NJ2 | 85.8 | 310 | +P | 08 33 59.0 | 0.6 | | |
| | | | PMZ | m _B = 6.4 | | 5.0 | 2.20 |
| | | | S | 08 44 26.0 | 2.7 | | |
| MDJ | 87.6 | 325 | +P | 08 34 07.2 | 0.1 | | |
| WHN | 88.0 | 306 | +P | 08 34 09.5 | 0.2 | | |
| | | | PMZ | m _B = 6.4 | | 5.0 | 1.58 |
| | | | cSKS | 08 44 34.0 | 5.5 | | |
| | | | cS | 08 44 49.0 | 2.7 | | |
| | | | LE | M _s = 6.5 | | 4.0 | 2.49 |

| | | | | | | | | | | | | | |
|-----|------|-----|-----|----------------------|------|------|-----|------|---------------------|--------------------------|----------------------|------|-------|
| | | | LN | Ms = 5.0 | 9.0 | 1.70 | | | LAT = 29.87 N | ± 2.47km | | | |
| | | | LE | | 9.0 | 2.50 | | | LONG = 51.47 E | ± 1.34km | | | |
| BJI | 17.9 | 72 | cP | 23 12 24.0 | 0.1 | | | | DEPTH = 29 km | ± 0.50km | | | |
| | | | sP | 23 12 30.5 | -3.1 | | | | STATIONS USED = 71, | STAND DEV = 0.94s | | | |
| | | | eS | 23 15 49.0 | 8.2 | | | | Ms = 5.4 / 15, | m _B = 5.5 / 4 | | | |
| | | | SME | m _B = 5.0 | 8.0 | 0.63 | KSH | 22.3 | 58 | P | 23 52 05.0 | 0.7 | |
| | | | LN | Ms = 5.4 | 10.0 | 6.23 | WMQ | 31.9 | 54 | P | 23 53 33.2 | -0.1 | |
| | | | LE | | 11.0 | 0.63 | | | | cS | 23 58 44.0 | 2.5 | |
| WHN | 18.2 | 104 | -P | 23 12 29.5 | 1.6 | | | | | LN | Ms = 5.7 | 20.0 | 11.1 |
| | | | sP | 23 12 36.0 | -1.7 | | LSA | 34.3 | 80 | +iP | 23 53 53.7 | -1.1 | |
| | | | eS | 23 15 48.6 | 0.4 | | | | | S | 23 59 20.0 | 1.7 | |
| | | | SS | 23 16 12.0 | 1.0 | | GTA | 40.5 | 63 | +iP | 23 54 47.3 | 1.0 | |
| | | | LN | Ms = 5.2 | 10.0 | 4.44 | | | | S | 24 00 56.5 | 4.3 | |
| TIA | 18.8 | 85 | cP | 23 12 34.7 | -0.6 | | | | | SMN | m _B = 5.5 | 7.5 | 0.58 |
| | | | sP | 23 12 42.0 | -2.9 | | | | | LE | Ms = 5.7 | 14.0 | 5.03 |
| | | | S | 23 16 10.0 | 9.0 | | LZH | 43.9 | 68 | cP | 23 55 15.0 | 0.4 | |
| | | | LN | Ms = 5.4 | 12.0 | 6.92 | CD2 | 44.8 | 75 | cP | 23 55 20.8 | -0.3 | |
| NJ2 | 21.2 | 95 | +P | 23 13 01.8 | 0.5 | | KMI | 45.4 | 83 | +P | 23 55 26.5 | 0.0 | |
| | | | pP | 23 13 05.6 | -2.4 | | | | | S | 24 02 10.0 | 5.6 | |
| | | | S | 23 16 52.0 | 0.8 | | | | | LN | Ms = 5.4 | 18.0 | 2.40 |
| | | | LE | Ms = 5.3 | 8.0 | 2.90 | BTO | 48.2 | 61 | P | 23 55 49.0 | 0.6 | |
| GZH | 21.7 | 123 | cP | 23 13 06.0 | -0.1 | | XAN | 48.4 | 69 | +iP | 23 55 49.0 | -0.6 | |
| | | | S | 23 17 10.0 | 9.9 | | | | | S | 24 02 46.0 | -0.4 | |
| | | | LN | Ms = 5.5 | 10.0 | 2.87 | GYA | 48.4 | 80 | P | 23 55 51.0 | 1.2 | |
| | | | LE | | 5.4 | 3.25 | | | | S | 24 02 50.0 | 3.5 | |
| QZN | 22.6 | 137 | -iP | 23 13 16.4 | 1.4 | | | | | LN | Ms = 5.0 | 36.0 | 1.80 |
| | | | eS | 23 17 20.0 | 2.8 | | HHC | 49.4 | 60 | cP | 23 55 58.0 | 0.8 | |
| | | | PcS | 23 20 47.0 | 1.1 | | TIY | 50.5 | 64 | P | 23 56 06.0 | 0.1 | |
| | | | ScS | 23 24 30.0 | 2.4 | | | | | S | 24 03 20.5 | 4.8 | |
| | | | LN | Ms = 4.9 | 12.0 | 1.20 | | | | SMN | m _B = 5.5 | 8.5 | 0.51 |
| | | | LE | | 11.0 | 1.20 | | | | LE | Ms = 5.4 | 15.0 | 1.62 |
| SSE | 23.4 | 96 | cP | 23 13 20.0 | -3.1 | | BJI | 53.0 | 60 | cP | 23 56 24.0 | -0.3 | |
| | | | PMZ | | 1.5 | 0.12 | WHN | 53.7 | 72 | cP | 23 56 29.5 | -0.2 | |
| | | | cpP | 23 13 30.5 | 0.6 | | QZN | 53.7 | 87 | P | 23 56 29.8 | -0.3 | |
| | | | S | 23 17 32.0 | 0.7 | | TIA | 54.5 | 65 | cP | 23 56 35.3 | -0.3 | |
| | | | LN | Ms = 5.5 | 12.0 | 3.00 | | | | LN | Ms = 5.6 | 14.0 | 1.77 |
| | | | LE | | 12.0 | 5.43 | | | | LE | | 16.0 | 1.82 |
| SNY | 23.6 | 68 | -iP | 23 13 25.4 | 0.6 | | GZH | 55.2 | 81 | cP | 23 56 41.5 | 0.5 | |
| | | | S | 23 17 35.0 | 0.8 | | NJ2 | 57.0 | 69 | +P | 23 56 53.2 | -0.2 | |
| | | | LN | Ms = 5.3 | 10.0 | 2.82 | SNY | 58.1 | 57 | +iP | 23 56 59.9 | -1.5 | |
| | | | LE | | 13.0 | 2.72 | | | | eS | 24 04 56.0 | -3.1 | |
| CN2 | 25.1 | 64 | +P | 23 13 39.8 | 0.3 | | CN2 | 59.0 | 54 | +P | 23 57 06.8 | -0.9 | |
| | | | pP | 23 13 44.5 | -1.7 | | | | | eS | 24 05 10.0 | -0.9 | |
| | | | eS | 23 17 59.0 | -1.8 | | SSE | 59.1 | 70 | +P | 23 57 08.6 | -0.1 | |
| MDJ | 28.2 | 62 | cP | 23 14 07.4 | 0.0 | | | | | PMZ | | 1.3 | 0.030 |
| | | | sP | 23 14 13.5 | -4.0 | | | | | S | 24 05 12.0 | 0.3 | |
| | | | eS | 23 18 50.0 | -0.5 | | | | | LN | Ms = 5.6 | 18.0 | 2.73 |
| | | | | | | | MDJ | 61.7 | 53 | cP | 23 57 23.5 | -2.5 | |

1986 12 20

O = 23 47 07.7

± 0.07s

1986 12 21

December, 1986

| | | | | | | | | | | | |
|---|------|-----|------|----------------------|---|-----|------|-----|-----|----------------------|-----------|
| <p>O = 00 11 49.7 ± 0.16s LAT = 29.82 N ± 4.06km LONG = 51.42 E ± 2.19km DEPTH = 24 km ± 0.37km STATIONS USED = 28, STAND DEV = 1.85s Ms = 5.5 / 2,</p> | | | | | <p>SS 01 39 34.0 2.6 LN Ms = 6.5 22.0 3.90 LE 18.0 11.1</p> | | | | | | |
| LSA | 34.4 | 80 | P | 00 18 36.6 | -1.3 | NJ2 | 85.8 | 310 | +iP | 01 23 31.0 | 0.4 |
| GTA | 40.6 | 63 | P | 00 19 29.9 | 0.4 | | | | pP | 01 23 40.0 | 1.8 |
| | | | LE | Ms = 5.9 | 24.0 | | | | S | 01 33 59.0 | -0.6 |
| LZH | 44.0 | 68 | cP | 00 20 00.5 | 2.8 | | | | LN | Ms = 6.5 | 15.0 10.0 |
| KMI | 45.5 | 83 | -P | 00 20 09.0 | -0.6 | MDJ | 87.5 | 325 | +iP | 01 23 39.5 | 0.4 |
| BTO | 48.3 | 61 | cP | 00 20 31.3 | -0.3 | | | | pP | 01 23 46.0 | -0.8 |
| XAN | 48.4 | 69 | cP | 00 20 31.2 | -1.6 | | | | sP | 01 23 48.5 | -1.5 |
| GYA | 48.4 | 80 | P | 00 20 33.2 | 0.3 | | | | SKS | 01 34 07.0 | 5.0 |
| TIY | 50.6 | 64 | c(P) | 00 20 51.6 | 2.6 | WHN | 88.1 | 306 | +P | 01 23 41.5 | 0.0 |
| | | | LN | Ms = 5.0 | 11.0 | | | | PMZ | m _B = 6.8 | 9.0 6.80 |
| BJI | 53.0 | 60 | (P) | 00 21 02.0 | -5.5 | | | | cPP | 01 27 08.0 | -1.6 |
| <p>1986 12 21</p> | | | | | <p>DL2 88.2 317 +iP 01 23 42.5 0.2</p> | | | | | | |
| <p>O = 01 10 50.8 ± 0.09s LAT = 28.20 S ± 2.12km LONG = 176.55 W ± 2.54km DEPTH = 22 km ± 0.84km STATIONS USED = 93, STAND DEV = 1.16s Ms = 6.5 / 31, m_B = 6.7 / 27</p> | | | | | <p>LN Ms = 6.6 18.0 11.2 LE 20.0 8.68</p> | | | | | | |
| QZH | 81.8 | 304 | +iP | 01 23 09.5 | -0.6 | | | | LE | 20.0 8.68 | |
| | | | PMZ | m _B = 6.7 | 10.0 | SNY | 88.9 | 320 | +iP | 01 23 45.5 | -0.2 |
| | | | S | 01 33 17.0 | -2.4 | | | | PMZ | m _B = 6.7 | 12.0 6.84 |
| | | | SMN | m _B = 6.6 | 12.0 | | | | SKS | 01 34 06.5 | -4.1 |
| | | | SME | | 12.0 | | | | iS | 01 34 33.0 | 2.2 |
| | | | LN | Ms = 6.5 | 19.0 | CN2 | 89.2 | 322 | +iP | 01 23 46.0 | -0.9 |
| | | | LE | | 17.0 | | | | SMN | | 13.0 6.75 |
| SSE | 83.6 | 310 | +iP | 01 23 19.0 | -0.8 | | | | LN | Ms = 6.5 | 20.0 6.31 |
| | | | PMZ | m _B = 6.7 | 10.0 | | | | LE | | 20.0 10.4 |
| | | | sP | 01 23 34.0 | 3.3 | | | | LE | | 20.0 10.4 |
| | | | PP | 01 26 34.0 | 0.7 | | | | PMZ | m _B = 6.8 | 7.0 4.60 |
| | | | S | 01 33 38.0 | -0.3 | | | | pP | 01 23 52.5 | -2.1 |
| | | | sS | 01 33 54.0 | 1.3 | | | | PP | 01 27 10.0 | -8.6 |
| | | | SS | 01 39 08.0 | 0.1 | | | | SKS | 01 34 09.0 | -3.1 |
| | | | LN | Ms = 6.3 | 28.0 | | | | S | 01 34 22.0 | -9.4 |
| GZH | 84.6 | 300 | +P | 01 23 25.5 | 0.6 | TIA | 89.4 | 312 | +P | 01 23 48.6 | 0.5 |
| | | | PMZ | m _B = 6.7 | 10.0 | | | | SMN | | 14.0 10.5 |
| | | | S | 01 33 44.0 | -4.4 | | | | PMZ | m _B = 6.9 | 10.0 8.08 |
| | | | LN | Ms = 6.5 | 19.0 | | | | SKS | 01 34 14.0 | 0.4 |
| | | | LE | | 19.0 | | | | S | 01 34 34.0 | 0.3 |
| QZN | 85.2 | 294 | +P | 01 23 29.0 | 1.2 | | | | SMN | | 13.0 2.53 |
| | | | PMZ | m _B = 6.6 | 10.0 | | | | SME | | 13.0 3.40 |
| | | | PP | 01 26 48.0 | 2.0 | | | | SS | 01 40 26.0 | -6.2 |
| | | | SKS | 01 33 47.0 | 0.3 | GYA | 91.6 | 299 | +P | 01 23 59.0 | 0.7 |
| | | | S | 01 33 54.0 | 0.0 | | | | PP | 01 27 30.0 | -7.5 |
| | | | | | | | | | SKS | 01 34 32.0 | 5.7 |
| | | | | | | | | | S | 01 34 44.0 | -9.0 |
| | | | | | | | | | LN | Ms = 6.5 | 18.0 6.00 |
| | | | | | | | | | LE | | 18.0 8.00 |
| | | | | | | BJI | 92.3 | 315 | cP | 01 24 01.5 | 0.2 |

| | | | | | | | | | | | | | | |
|--|-------|-----|------|---------|-------------|------------|------|-------|-----|----------|------------|-------------|------------|-------|
| | | | PMZ | | $m_B = 6.7$ | 10.0 | 4.13 | | | S | 02 44 35.2 | -3.2 | | |
| | | | eSKS | 01 34 | 33.0 | 2.8 | | | | SMN | | $M_L = 4.3$ | 1.2 | 0.51 |
| | | | SMN | | $m_B = 6.8$ | 10.0 | 9.06 | | | SME | | | 1.2 | 0.92 |
| | | | LN | | $M_s = 6.4$ | 21.0 | 9.80 | | | SSE | 5.7 348 | +iP | 02 44 15.4 | 0.9 |
| TIY | 93.4 | 311 | +iP | 01 24 | 07.0 | 0.6 | | | | PMZ | | | 1.0 | 0.35 |
| | | | PMZ | | | 1.6 | 0.26 | | | esP | 02 45 04.7 | -3.8 | | |
| | | | SKS | 01 34 | 42.0 | 5.6 | | | NJ2 | 7.3 334 | -iP | 02 44 34.5 | 0.4 | |
| | | | S | 01 35 | 13.0 | 4.3 | | | GZH | 8.7 256 | cP | 02 44 52.0 | -0.6 | |
| | | | SMN | | $m_B = 6.9$ | 11.5 | 9.93 | | | cS | 02 46 27.5 | -2.1 | | |
| | | | SME | | | 7.5 | 2.55 | | | LN | | | 1.0 | 0.10 |
| | | | LN | | $M_s = 6.5$ | 17.0 | 5.85 | | | LE | | | 1.0 | 0.050 |
| | | | LE | | | 20.0 | 8.39 | | WHN | 8.8 306 | P | 02 44 53.6 | 0.3 | |
| XAN | 93.8 | 307 | +P | 01 24 | 08.8 | 0.4 | | | TIA | 11.6 338 | +P | 02 45 30.0 | 1.6 | |
| | | | PMZ | | | 13.0 | 19.1 | | QZN | 13.4 244 | -P | 02 45 58.4 | 7.8 | |
| | | | iS | 01 35 | 10.0 | -4.4 | | | | LN | | | 17.0 | 2.00 |
| | | | SMN | | $m_B = 7.1$ | 12.0 | 13.2 | | GYA | 14.3 277 | +P | 02 46 02.0 | 0.4 | |
| | | | SME | | | 11.0 | 14.4 | | XAN | 14.6 309 | +iP | 02 46 03.6 | -0.7 | |
| | | | LN | | $M_s = 7.4$ | 18.0 | 39.4 | | TIY | 14.9 327 | +iP | 02 46 08.7 | 0.4 | |
| | | | LE | | | 20.0 | 69.2 | | | PMZ | | | 0.8 | 0.15 |
| KMI | 94.0 | 296 | +P | 01 24 | 10.5 | 1.1 | | | | (S) | 02 48 51.0 | 4.4 | | |
| | | | PMZ | | $m_B = 6.7$ | 8.0 | 2.80 | | | LE | | | 15.0 | 2.85 |
| | | | SKS | 01 34 | 46.0 | 6.2 | | | BJI | 15.4 341 | cP | 02 46 13.5 | -0.9 | |
| | | | S | 01 35 | 16.0 | 2.0 | | | SNY | 16.3 3 | -iP | 02 46 23.4 | -0.5 | |
| HHC | 95.6 | 314 | +iP | 01 24 | 17.0 | 0.2 | | | CD2 | 17.4 292 | +iP | 02 46 34.4 | -1.5 | |
| | | | SKS | 01 34 | 54.0 | 5.1 | | | | PMZ | | | 1.0 | 0.37 |
| | | | SMN | | $m_B = 6.8$ | 12.0 | 7.69 | | | pP | 02 46 39.0 | 3.5 | | |
| | | | SME | | | 9.0 | 4.24 | | | S | 02 49 39.0 | 1.1 | | |
| | | | LN | | $M_s = 6.6$ | 19.0 | 9.67 | | HHC | 17.8 332 | +P | 02 46 40.0 | -0.1 | |
| | | | LE | | | 20.0 | 7.04 | | KMI | 17.9 273 | +iP | 02 46 41.5 | 0.1 | |
| CD2 | 96.0 | 302 | P | 01 24 | 19.0 | 0.6 | | | BTO | 18.3 328 | P | 02 46 45.0 | -0.2 | |
| | | | LN | | $M_s = 6.7$ | 20.0 | 15.4 | | CN2 | 18.4 7 | cP | 02 46 44.8 | -1.0 | |
| BTO | 96.5 | 313 | +iP | 01 24 | 21.0 | 0.3 | | | MDJ | 19.9 15 | -P | 02 47 02.0 | 1.2 | |
| | | | PMZ | | $m_B = 6.8$ | 10.0 | 2.40 | | GTA | 23.6 312 | +iP | 02 47 35.5 | -1.1 | |
| | | | cPP | 01 28 | 13.0 | -3.1 | | | LSA | 28.1 286 | +P | 02 48 16.4 | -1.7 | |
| | | | SKS | 01 34 | 57.0 | 3.7 | | | WMQ | 33.7 312 | P | 02 49 05.5 | -0.6 | |
| | | | S | 01 35 | 33.5 | -1.8 | | | | | | | | |
| | | | LN | | $M_s = 6.9$ | 17.0 | 4.20 | | | | | | | |
| | | | LE | | | 11.0 | 14.7 | | | | | | | |
| LZH | 98.4 | 306 | +P | 01 24 | 30.0 | 0.4 | | | | | | | | |
| GTA | 102.8 | 308 | +P | 01 24 | 48.5 | -0.7 | | | | | | | | |
| KSH | 120.2 | 301 | PKP | 01 29 | 44.0 | 2.7 | | | | | | | | |
| <p>1986 12 21 $O = 02 42 48.9 \pm 0.06s$ $LAT = 25.53 N \pm 1.11km$ $LONG = 122.56 E \pm 0.81km$ $DEPTH = 279 km \pm 0.90km$ STATIONS USED = 85, STAND DEV = 1.38s $M_L = 4.0 / 5,$</p> | | | | | | | | | | | | | | |
| QZH | 3.6 | 262 | -iP | 02 43 | 49.2 | -1.4 | | | | | | | | |
| <p>1986 12 21 $O = 03 25 51.3 \pm 0.10s$ $LAT = 29.87 N \pm 0.99km$ $LONG = 109.02 E \pm 0.96km$ $DEPTH = 15 km$ STATIONS USED = 5, STAND DEV = 4.79s $M_L = 3.1 / 4,$</p> | | | | | | | | | | | | | | |
| | | | GYA | 4.0 212 | Pg | 03 27 03.4 | 1.6 | | | | | | | |
| | | | Sg | | | 03 27 47.4 | -8.7 | | | | | | | |
| | | | SMN | | $M_L = 3.1$ | | 1.0 | 0.040 | | | | | | |
| | | | SME | | | | 1.0 | 0.050 | | | | | | |
| CD2 | 4.7 | 284 | cPg | 03 27 | 15.7 | 1.9 | | | | | | | | |
| <p>1986 12 21</p> | | | | | | | | | | | | | | |

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|--|------|--------------|-----|------------|-----------|
| O = 11 34 51.6 | | $\pm 0.08s$ | | | |
| LAT = 2.78 N | | $\pm 1.42km$ | | | |
| LONG = 125.84 E | | $\pm 1.67km$ | | | |
| DEPTH = 130 km | | $\pm 0.40km$ | | | |
| STATIONS USED = 60, STAND DEV = 1.20s | | | | | |
| QZN | 22.5 | 317 | cP | 11 39 42.5 | 1.5 |
| | | | PP | 11 40 15.4 | 0.5 |
| | | | S | 11 43 43.5 | 9.8 |
| QZH | 23.1 | 343 | cP | 11 39 50.0 | 3.0 |
| | | | eS | 11 43 48.0 | 2.8 |
| | | | LN | | 32.0 2.48 |
| GZH | 23.5 | 330 | cP | 11 39 53.0 | 1.9 |
| NJ2 | 29.8 | 348 | cP | 11 40 47.0 | -2.1 |
| GYA | 29.9 | 324 | P | 11 40 50.0 | 0.4 |
| KMI | 31.4 | 317 | -P | 11 41 03.5 | 0.1 |
| TIA | 34.2 | 347 | cP | 11 41 25.6 | -1.6 |
| CD2 | 34.9 | 326 | P | 11 41 31.9 | -1.0 |
| TIY | 36.9 | 342 | cP | 11 41 49.0 | -0.6 |
| | | | S | 11 47 25.0 | 1.7 |
| | | | LE | | 10.0 0.26 |
| BJI | 38.1 | 348 | cP | 11 41 59.5 | -0.3 |
| | | | PcP | 11 44 14.0 | 1.8 |
| SNY | 38.9 | 357 | -iP | 11 42 07.2 | 0.6 |
| HHC | 40.0 | 343 | cP | 11 42 15.0 | -0.9 |
| BTO | 40.3 | 341 | cP | 11 42 17.6 | -0.3 |
| CN2 | 40.8 | 360 | +P | 11 42 22.0 | -0.5 |
| | | | eS | 11 48 29.0 | 5.1 |
| MDJ | 41.8 | 4 | cP | 11 42 31.0 | 0.8 |
| GTA | 43.5 | 330 | +P | 11 42 43.0 | -1.0 |
| | | | PcP | 11 44 31.2 | 1.6 |
| | | | ScP | 11 48 14.2 | 6.9 |
| | | | PcS | 11 48 22.0 | 1.2 |
| | | | LN | | 22.0 0.85 |
| WMQ | 53.0 | 326 | P | 11 43 57.0 | -0.7 |
| | | | PcP | 11 45 04.5 | 0.7 |
| | | | eS | 11 51 21.0 | 5.0 |
| | | | ScS | 11 53 33.0 | 3.2 |
| | | | LN | | 18.0 1.09 |
| 1986 12 21 | | | | | |
| O = 17 09 42.0 | | $\pm 0.06s$ | | | |
| LAT = 3.45 S | | $\pm 0.80km$ | | | |
| LONG = 137.91 E | | $\pm 1.41km$ | | | |
| DEPTH = 86 km | | $\pm 0.32km$ | | | |
| STATIONS USED = 41, STAND DEV = 0.85s | | | | | |
| SSE | 37.9 | 336 | cP | 17 16 52.6 | 0.0 |
| | | | PMZ | | 1.2 0.010 |
| | | | csP | 17 17 20.5 | -2.6 |
| NJ2 | 39.7 | 334 | -P | 17 17 06.0 | -1.6 |
| WHN | 40.6 | 328 | P | 17 17 15.5 | 0.2 |

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|-----|------|-----|----|------------|------|
| CD2 | 47.2 | 319 | P | 17 18 09.1 | 0.6 |
| TIY | 47.3 | 332 | P | 17 18 09.4 | 0.2 |
| BJI | 47.7 | 337 | cP | 17 18 12.0 | 0.0 |
| CN2 | 48.4 | 348 | cP | 17 18 17.0 | -0.4 |
| MDJ | 48.4 | 352 | cP | 17 18 18.0 | 0.0 |
| HHC | 50.2 | 334 | +P | 17 18 32.7 | 0.7 |
| BTO | 50.7 | 333 | cP | 17 18 35.8 | 0.1 |
| GTA | 55.2 | 324 | -P | 17 19 08.5 | -0.4 |
| WMQ | 65.1 | 322 | P | 17 20 16.5 | 0.0 |

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|--|--|--------------|--|--|--|
| 1986 12 21 | | | | | |
| O = 19 57 40.7 | | $\pm 0.14s$ | | | |
| LAT = 7.83 S | | $\pm 1.67km$ | | | |
| LONG = 128.54 E | | $\pm 2.43km$ | | | |
| DEPTH = 48 km | | $\pm 0.48km$ | | | |
| STATIONS USED = 49, STAND DEV = 1.93s | | | | | |

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|-----|------|-----|-----|------------|------|
| GYA | 40.2 | 329 | cP | 20 05 15.0 | 0.7 |
| WHN | 40.5 | 341 | cP | 20 05 17.5 | 0.4 |
| NJ2 | 40.7 | 347 | cP | 20 05 19.8 | 1.0 |
| KMI | 41.3 | 323 | cP | 20 05 25.0 | 1.3 |
| CD2 | 45.2 | 330 | cP | 20 05 57.1 | 1.3 |
| TIY | 47.7 | 343 | cP | 20 06 14.1 | -1.3 |
| BJI | 49.0 | 347 | cP | 20 06 24.0 | -0.9 |
| CN2 | 51.5 | 357 | (P) | 20 06 43.0 | -0.9 |
| MDJ | 52.2 | 1 | cP | 20 06 49.0 | -0.5 |
| GTA | 54.0 | 333 | P | 20 07 01.6 | -1.5 |
| WMQ | 63.3 | 328 | P | 20 08 07.0 | -0.8 |

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|--|--|--------------|--|--|--|
| 1986 12 21 | | | | | |
| O = 20 17 56.3 | | $\pm 0.11s$ | | | |
| LAT = 9.81 N | | $\pm 1.64km$ | | | |
| LONG = 125.50 E | | $\pm 2.24km$ | | | |
| DEPTH = 35 km | | $\pm 0.33km$ | | | |
| STATIONS USED = 60, STAND DEV = 1.57s | | | | | |
| Ms = 4.4 / 2, | | | | | |

| | | | | | |
|-----|------|-----|----|------------|--------------------|
| GZH | 17.6 | 320 | P | 20 22 03.6 | 3.1 |
| SSE | 21.6 | 350 | cP | 20 22 44.0 | -0.9 |
| | | | cS | 20 26 42.0 | 5.1 |
| | | | sS | 20 26 52.0 | 0.6 |
| | | | LE | | Ms = 4.2 10.0 0.30 |
| NJ2 | 23.0 | 345 | cP | 20 22 57.0 | -1.9 |
| WHN | 23.1 | 335 | cP | 20 22 57.5 | -2.7 |
| GYA | 24.3 | 315 | P | 20 23 14.2 | 2.0 |
| KMI | 26.4 | 308 | -P | 20 23 32.0 | -0.4 |
| TIA | 27.4 | 345 | cP | 20 23 43.6 | 3.0 |
| TIY | 30.2 | 339 | cP | 20 24 04.8 | -1.0 |
| BJI | 31.2 | 346 | cP | 20 24 14.0 | -1.1 |
| SNY | 31.9 | 357 | cP | 20 24 21.4 | 0.1 |
| HHC | 33.3 | 341 | cP | 20 24 33.0 | -0.2 |
| BTO | 33.6 | 338 | cP | 20 24 36.0 | 0.2 |

| | | | | | |
|-----|------|-----|----|------------|------|
| CN2 | 33.9 | 360 | cP | 20 24 38.0 | 0.0 |
| MDJ | 34.9 | 5 | cP | 20 24 47.5 | 0.9 |
| GTA | 37.3 | 326 | -P | 20 25 07.1 | -0.6 |
| WMQ | 47.1 | 323 | cP | 20 26 27.8 | 0.4 |

1986 12 22

O=01 26 03.5 ± 0.10s
 LAT=37.86 N ± 0.84km
 LONG=101.81 E ± 0.92km
 DEPTH= 14 km ± 0.16km
 STATIONS USED = 7, STAND DEV= 3.26s

 $M_L=3.2/5,$

| | | | | | |
|-----|-----|-----|-----|------------|-----------|
| GTA | 2.2 | 315 | Pn | 01 26 42.6 | 2.4 |
| | | | Pg | 01 26 44.6 | 2.2 |
| | | | Sg | 01 27 10.8 | -1.8 |
| | | | SMN | $M_L=2.9$ | 0.5 0.090 |
| | | | SME | | 0.5 0.080 |
| LZH | 2.4 | 137 | cPg | 01 26 44.5 | -1.8 |
| | | | Sg | 01 27 15.0 | -4.0 |
| | | | SMN | $M_L=3.3$ | 0.5 0.20 |
| | | | SME | | 1.0 0.20 |

1986 12 22

O=02 04 18.8 ± 0.08s
 LAT= 0.66 N ± 1.34km
 LONG=121.37 E ± 1.72km
 DEPTH= 95 km ± 0.22km
 STATIONS USED = 60, STAND DEV= 1.39s

| | | | | | |
|-----|------|-----|----|------------|-----------|
| GZH | 23.6 | 341 | cP | 02 09 23.0 | 0.8 |
| | | | S | 02 13 33.0 | 7.0 |
| GYA | 29.3 | 332 | cP | 02 10 20.6 | 5.7 |
| KMI | 30.3 | 325 | cP | 02 10 23.0 | -0.6 |
| WHN | 30.5 | 348 | cP | 02 10 26.0 | 1.0 |
| CD2 | 34.4 | 333 | P | 02 10 58.2 | -1.2 |
| | | | LN | | 7.0 0.69 |
| XAN | 35.2 | 342 | -P | 02 11 05.4 | -0.7 |
| TIA | 35.6 | 354 | cP | 02 11 08.5 | -0.9 |
| TIY | 37.8 | 348 | cP | 02 11 28.0 | 0.1 |
| | | | S | 02 17 20.0 | 9.6 |
| | | | LE | | 13.0 0.42 |
| BJI | 39.5 | 354 | cP | 02 11 42.0 | 0.1 |
| HHC | 41.0 | 349 | cP | 02 11 54.2 | -0.2 |
| SNY | 41.0 | 3 | -P | 02 11 52.0 | -2.6 |
| | | | LE | | 22.0 0.74 |
| BTO | 41.1 | 347 | cP | 02 11 55.0 | -0.1 |
| WMQ | 52.4 | 330 | P | 02 13 23.5 | -0.7 |
| KSH | 56.6 | 319 | P | 02 13 55.0 | 0.4 |

1986 12 22

O=04 04 01.3 ± 0.11s

LAT=24.36 N ± 1.69km
 LONG=122.11 E ± 1.55km
 DEPTH= 30 km ± 1.24km
 STATIONS USED = 76, STAND DEV= 2.10s
 $M_s=5.0/29,$ $m_B=4.8/2$

| | | | | | |
|-----|------|-----|-----------------|------------|-----------|
| QZH | 3.3 | 281 | +iPn | 04 04 50.8 | 0.1 |
| | | | iSn | 04 05 28.6 | -1.4 |
| SSE | 6.8 | 353 | -iPn | 04 05 39.8 | 0.9 |
| | | | PMZ | | 0.6 0.13 |
| | | | LG ₁ | 04 07 40.0 | 6.3 |
| | | | LG ₂ | 04 07 47.0 | 2.6 |
| | | | LE | $M_s=4.8$ | 6.0 4.69 |
| GZH | 8.1 | 263 | cP | 04 06 00.6 | 0.4 |
| | | | S | 04 07 25.0 | -6.8 |
| | | | LN | $M_s=5.3$ | 6.0 9.87 |
| | | | LE | | 4.0 4.41 |
| NJ2 | 8.2 | 340 | +P | 04 05 59.0 | -1.9 |
| | | | S | 04 07 24.0 | -9.1 |
| | | | LN | $M_s=5.4$ | 5.0 11.9 |
| WHN | 9.2 | 314 | -P | 04 06 12.5 | -3.1 |
| | | | S | 04 07 55.0 | -4.4 |
| | | | LG ₁ | 04 08 54.5 | 2.9 |
| | | | LN | $M_s=5.3$ | 6.0 9.69 |
| TIA | 12.6 | 341 | P | 04 07 00.0 | -1.1 |
| | | | LG ₁ | 04 10 40.5 | 4.4 |
| | | | LN | $M_s=5.0$ | 7.0 1.60 |
| | | | LE | | 8.0 3.16 |
| QZN | 12.6 | 247 | cP | 04 07 06.6 | 5.5 |
| | | | cS | 04 09 27.8 | 6.7 |
| | | | LN | $M_s=4.4$ | 18.0 2.00 |
| GYA | 14.1 | 282 | P | 04 07 20.8 | -0.8 |
| | | | S | 04 09 53.0 | -4.6 |
| | | | LN | $M_s=5.3$ | 8.0 5.90 |
| | | | LE | | 8.0 2.60 |
| DL2 | 14.5 | 359 | P | 04 07 34.0 | 7.4 |
| | | | cS | 04 10 15.0 | 7.5 |
| | | | LN | $M_s=4.6$ | 14.0 2.24 |
| TIY | 15.7 | 330 | P | 04 07 42.4 | 0.6 |
| | | | S | 04 10 28.0 | -6.1 |
| | | | SS | 04 10 43.0 | -9.6 |
| | | | LN | $M_s=5.0$ | 7.0 1.92 |
| | | | LE | | 6.0 1.12 |
| BJI | 16.4 | 344 | cP | 04 07 54.0 | 2.8 |
| | | | cS | 04 11 00.0 | 8.0 |
| | | | SME | $m_B=4.6$ | 8.0 0.28 |
| | | | LN | $M_s=4.7$ | 5.0 0.41 |
| | | | LE | | 8.0 1.14 |
| SNY | 17.5 | 4 | -iP | 04 08 07.0 | 2.6 |
| | | | sP | 04 08 15.0 | -1.1 |
| | | | S | 04 11 22.0 | 6.5 |

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| | | | | | | | | | | | | | | | | |
|-----|-------|-----|------------------|------------|------|--------|------|------|-------|------------|--------|------------------|------------|--------|------|------|
| | | LN | | Ms=4.7 | 14.0 | 2.06 | | | PP | 14 42 08.0 | 1.5 | | | | | |
| CD2 | 17.5 | 296 | P | 04 08 04.7 | -0.4 | | | | SS | 15 01 28.0 | 7.2 | | | | | |
| | | | S | 04 11 09.5 | -7.1 | | | | LN | | Ms=6.4 | 46.0 | 9.46 | | | |
| | | | LN | | | Ms=5.2 | 5.0 | 2.37 | WHN | 151.3 | 149 | cP | 14 38 25.7 | -1.3 | | |
| KMI | 17.6 | 277 | eP | 04 08 09.0 | 2.5 | | | | ePP | 14 42 15.0 | 1.1 | | | | | |
| | | | LN | | | Ms=5.3 | 8.0 | 4.38 | | | | Ms=6.3 | 20.0 | 3.20 | | |
| HHC | 18.7 | 334 | eP | 04 08 20.5 | 1.1 | | | | GTA | 153.2 | 117 | ePKP | 14 38 33.2 | 3.2 | | |
| | | | pP | 04 08 25.0 | -1.5 | | | | eSKKS | 14 49 07.6 | | | | | | |
| | | | (S) | 04 11 44.0 | 0.5 | | | | eSS | 15 01 49.0 | -7.0 | | | | | |
| | | | LN | | | Ms=4.5 | 11.0 | 0.78 | | | | Ms=6.2 | 26.0 | 4.01 | | |
| BTO | 19.1 | 331 | eP | 04 08 24.6 | -0.1 | | | | SSE | 153.4 | 161 | ePKP | 14 38 29.0 | -1.0 | | |
| | | | pP | 04 08 27.5 | -4.4 | | | | | | | PP | 14 42 28.0 | 2.2 | | |
| | | | PP | 04 08 41.0 | 0.0 | | | | | | | SKKS | 14 49 11.0 | | | |
| | | | eS | 04 11 50.0 | -3.4 | | | | | | | SS | 15 01 51.0 | -6.9 | | |
| | | | LN | | | Ms=4.9 | 12.0 | 1.00 | | | | LN | | Ms=6.3 | 20.0 | 3.00 |
| | | | LE | | | | 12.0 | 2.00 | | | | LE | | | 20.0 | 1.44 |
| CN2 | 19.6 | 7 | eP | 04 08 29.0 | -0.9 | | | | NJ2 | 153.8 | 156 | PKP | 14 38 36.0 | 5.3 | | |
| | | | eS | 04 12 00.0 | -4.1 | | | | | | | PKP ₂ | 14 39 03.2 | | | |
| MDJ | 21.1 | 15 | eP | 04 08 50.0 | 4.0 | | | | TIY | 157.2 | 139 | ePKP | 14 38 34.4 | -1.0 | | |
| GTA | 24.1 | 314 | P | 04 09 14.8 | -0.6 | | | | | | | PKP ₂ | 14 39 02.5 | | | |
| | | | LE | | | Ms=4.7 | 14.0 | 1.08 | | | | PP | 14 42 42.0 | -4.9 | | |
| WMQ | 34.1 | 313 | P | 04 10 45.0 | -1.2 | | | | | | | SKKS | 14 49 30.0 | | | |
| | | | | | | | | | | | | SS | 15 02 43.0 | 3.7 | | |
| | | | | | | | | | | | | LN | | Ms=6.3 | 18.0 | 2.17 |
| | | | | | | | | | | | | LE | | | 18.0 | 2.05 |
| | | | | | | | | | TIA | 157.4 | 150 | ePKP | 14 38 34.6 | -0.8 | | |
| | | | | | | | | | | | | PKP ₂ | 14 39 10.0 | | | |
| | | | | | | | | | | | | PP | 14 42 43.0 | -4.6 | | |
| | | | | | | | | | | | | eSKKS | 14 49 33.0 | | | |
| | | | | | | | | | | | | LN | | Ms=6.0 | 15.0 | 1.48 |
| | | | | | | | | | BTO | 158.8 | 131 | PKP | 14 38 35.8 | -1.6 | | |
| | | | | | | | | | | | | PKP ₂ | 14 39 14.0 | | | |
| | | | | | | | | | | | | ePP | 14 42 55.0 | -0.5 | | |
| | | | | | | | | | | | | SKKS | 14 49 39.0 | | | |
| | | | | | | | | | | | | LN | | Ms=6.1 | 20.0 | 1.60 |
| | | | | | | | | | | | | LE | | | 20.0 | 1.80 |
| KSH | 140.6 | 92 | PKP | 14 38 12.0 | 2.5 | | | | HHC | 159.6 | 134 | ePKP | 14 38 40.8 | 2.5 | | |
| | | | eSKS | 14 45 23.0 | 7.1 | | | | DL2 | 161.0 | 157 | ePKP | 14 38 34.0 | -5.6 | | |
| KMI | 142.3 | 135 | ePKP | 14 38 04.0 | -8.5 | | | | | | | PP | 14 43 00.0 | -7.7 | | |
| | | | LN | | | Ms=6.4 | 20.0 | 4.10 | | | | LN | | Ms=5.9 | 13.0 | 0.86 |
| GZH | 143.9 | 152 | -PKP | 14 38 11.0 | -3.9 | | | | SNY | 164.2 | 159 | ePKP | 14 38 44.0 | 1.2 | | |
| GYA | 145.0 | 140 | PKP | 14 38 13.6 | -3.5 | | | | | | | PKP ₂ | 14 39 29.0 | | | |
| | | | PP | 14 41 34.8 | -2.8 | | | | | | | PP | 14 43 15.0 | -9.8 | | |
| | | | LE | | | Ms=6.3 | 22.0 | 4.30 | | | | SKKS | 14 50 00.0 | | | |
| QZH | 146.9 | 159 | PKP | 14 38 23.0 | 2.9 | | | | | | | LN | | Ms=6.4 | 56.0 | 11.9 |
| | | | PP | 14 41 54.0 | 5.1 | | | | | | | LE | | | 40.0 | 3.26 |
| CD2 | 147.9 | 132 | ePKP | 14 38 21.5 | -0.3 | | | | CN2 | 166.5 | 163 | PKP | 14 38 44.0 | -0.9 | | |
| | | | SS | 15 00 57.0 | -0.6 | | | | | | | PKP ₂ | 14 39 49.0 | | | |
| WMQ | 150.0 | 97 | PKP | 14 38 27.7 | 2.5 | | | | | | | PP | 14 43 39.0 | 3.1 | | |
| | | | PKP ₂ | 14 38 46.0 | | | | | | | | SKKS | 14 50 17.0 | | | |

1986 12 22

O=14 18 37.4 ± 0.42s

LAT=56.84 S ± 5.96km

LONG= 49.03 W ± 7.86km

DEPTH= 5 km ± 2.26km

STATIONS USED = 72, STAND DEV = 3.31s

Ms=6.3 / 15,

| | | | | | | | | | | | | | | | | |
|-----|-------|-----|------------------|------------|------|--------|------|------|-----|-------|-----|------------------|------------|--------|------|------|
| QZN | 139.1 | 149 | ePKP | 14 38 09.0 | 2.5 | | | | BTO | 158.8 | 131 | PKP | 14 38 35.8 | -1.6 | | |
| | | | ePP | 14 41 07.0 | 5.0 | | | | | | | PKP ₂ | 14 39 14.0 | | | |
| | | | eSKKS | 14 47 52.0 | | | | | | | | ePP | 14 42 55.0 | -0.5 | | |
| | | | eSS | 14 59 18.0 | 2.2 | | | | | | | SKKS | 14 49 39.0 | | | |
| | | | LN | | | Ms=6.3 | 21.0 | 3.20 | | | | LN | | Ms=6.1 | 20.0 | 1.60 |
| | | | LE | | | | 21.0 | 1.70 | | | | LE | | | 20.0 | 1.80 |
| KSH | 140.6 | 92 | PKP | 14 38 12.0 | 2.5 | | | | HHC | 159.6 | 134 | ePKP | 14 38 40.8 | 2.5 | | |
| | | | eSKS | 14 45 23.0 | 7.1 | | | | DL2 | 161.0 | 157 | ePKP | 14 38 34.0 | -5.6 | | |
| KMI | 142.3 | 135 | ePKP | 14 38 04.0 | -8.5 | | | | | | | PP | 14 43 00.0 | -7.7 | | |
| | | | LN | | | Ms=6.4 | 20.0 | 4.10 | | | | LN | | Ms=5.9 | 13.0 | 0.86 |
| GZH | 143.9 | 152 | -PKP | 14 38 11.0 | -3.9 | | | | SNY | 164.2 | 159 | ePKP | 14 38 44.0 | 1.2 | | |
| GYA | 145.0 | 140 | PKP | 14 38 13.6 | -3.5 | | | | | | | PKP ₂ | 14 39 29.0 | | | |
| | | | PP | 14 41 34.8 | -2.8 | | | | | | | PP | 14 43 15.0 | -9.8 | | |
| | | | LE | | | Ms=6.3 | 22.0 | 4.30 | | | | SKKS | 14 50 00.0 | | | |
| QZH | 146.9 | 159 | PKP | 14 38 23.0 | 2.9 | | | | | | | LN | | Ms=6.4 | 56.0 | 11.9 |
| | | | PP | 14 41 54.0 | 5.1 | | | | | | | LE | | | 40.0 | 3.26 |
| CD2 | 147.9 | 132 | ePKP | 14 38 21.5 | -0.3 | | | | CN2 | 166.5 | 163 | PKP | 14 38 44.0 | -0.9 | | |
| | | | SS | 15 00 57.0 | -0.6 | | | | | | | PKP ₂ | 14 39 49.0 | | | |
| WMQ | 150.0 | 97 | PKP | 14 38 27.7 | 2.5 | | | | | | | PP | 14 43 39.0 | 3.1 | | |
| | | | PKP ₂ | 14 38 46.0 | | | | | | | | SKKS | 14 50 17.0 | | | |

| | | | | | |
|-----|-----------|------------------|------------|------|------|
| | cSS | 15 04 09.0 | -6.6 | | |
| MDJ | 167.7 175 | ePKP | 14 38 43.5 | -2.1 | |
| | | PKP ₂ | 14 39 46.0 | | |
| | | PP | 14 43 35.0 | -7.2 | |
| | | SKKS | 14 50 20.0 | | |
| | | LN | Ms=6.3 | 55.0 | 9.48 |

1986 12 22

O=15 55 43.9 ± 0.16s

LAT=30.06 N ± 1.77km

LONG= 94.99 E ± 1.67km

DEPTH= 18 km ± 0.20km

STATIONS USED = 33, STAND DEV = 2.79s

M_L=4.0 / 2,

| | | | | | |
|-----|----------|-----|------------|------|--|
| LSA | 3.4 265 | -Pn | 15 56 40.0 | 3.5 | |
| | | iPg | 15 56 43.9 | 0.7 | |
| | | Sn | 15 57 23.0 | 5.7 | |
| LZH | 9.6 49 | cP | 15 58 03.5 | -0.6 | |
| GTA | 10.1 22 | cP | 15 58 13.7 | 1.6 | |
| GYA | 10.9 106 | P | 15 58 20.8 | -1.7 | |
| XAN | 12.5 68 | cP | 15 58 42.0 | -1.7 | |
| BTO | 16.1 45 | cP | 15 59 35.1 | 3.2 | |
| WHN | 16.7 83 | cP | 15 59 37.5 | -1.8 | |
| SNY | 25.8 55 | +P | 16 01 16.0 | -0.4 | |
| CN2 | 27.8 52 | cP | 16 01 33.0 | -1.2 | |

PMZ 3.0 0.60

1986 12 22

O=19 58 47.6 ± 0.18s

LAT=35.17 N ± 1.48km

LONG=110.87 E ± 1.58km

DEPTH= 2 km ± 0.72km

STATIONS USED = 9, STAND DEV = 5.89s

M_L=3.0 / 6,

| | | | | | |
|-----|--------|-----|------------|------|--|
| TIY | 2.8 26 | cPn | 19 59 35.0 | 0.7 | |
| TIA | 5.2 77 | cSg | 20 01 21.5 | -8.9 | |

1986 12 22

O=20 23 10.5 ± 0.49s

LAT=22.13 N ± 4.00km

LONG=119.00 E ± 3.96km

DEPTH= 15 km

STATIONS USED = 13, STAND DEV = 3.48s

M_s=4.2 / 3, M_L=4.2 / 5,

| | | | | | |
|-----|---------|-----|---------------------|------|------|
| QZH | 2.8 353 | cPn | 20 23 54.5 | -1.1 | |
| | | Sn | 20 24 29.2 | -2.1 | |
| | | SMN | M _L =4.1 | 0.3 | 0.40 |
| | | SME | | 0.8 | 1.45 |
| GZH | 5.3 281 | cPn | 20 24 30.0 | 0.3 | |
| | | Sn | 20 25 29.2 | -3.6 | |

| | | | | | |
|-----|----------|-----------------|------------|------|------|
| | | LN | Ms=4.2 | 4.0 | 1.02 |
| | | LE | | 4.0 | 0.54 |
| QZN | 9.1 252 | cP | 20 25 22.5 | -2.2 | |
| | | cS | 20 27 04.4 | -3.6 | |
| SSE | 9.1 12 | cP | 20 25 26.2 | 1.1 | |
| | | LG ₁ | 20 28 00.5 | 2.9 | |
| | | LN | Ms=3.9 | 7.0 | 0.47 |
| NJ2 | 9.9 359 | cP | 20 25 38.0 | 2.6 | |
| | | LN | Ms=4.2 | 7.0 | 0.80 |
| GYA | 12.0 293 | P | 20 26 02.8 | -2.3 | |

1986 12 22

O=23 09 03.3 ± 0.17s

LAT=22.53 S ± 1.45km

LONG=179.24 E ± 0.90km

DEPTH=602 km ± 1.96km

STATIONS USED = 59, STAND DEV = 1.01s

| | | | | | |
|-----|----------|-----|------------|------|-----------|
| SSE | 77.1 312 | cP | 23 19 57.0 | -0.6 | |
| | | csP | 23 23 02.5 | 0.7 | |
| NJ2 | 79.2 311 | +P | 23 20 10.0 | 0.9 | |
| WHN | 81.6 308 | -P | 23 20 22.0 | 0.7 | |
| SNY | 82.1 321 | +iP | 23 20 24.0 | 0.0 | |
| CN2 | 82.4 324 | -iP | 23 20 25.0 | -0.2 | |
| TIA | 82.8 314 | -P | 23 20 27.5 | 0.2 | |
| GYA | 85.4 301 | -P | 23 20 40.0 | -0.4 | |
| BJI | 85.6 317 | cP | 23 20 40.5 | -0.3 | |
| TIY | 86.7 313 | -P | 23 20 47.0 | 0.4 | |
| | | PMZ | | | 1.3 0.070 |
| | | (S) | 23 30 27.0 | -7.7 | |
| XAN | 87.3 308 | -iP | 23 20 49.8 | 0.4 | |
| KMI | 88.0 298 | cP | 23 20 53.0 | 0.4 | |
| CD2 | 89.7 304 | P | 23 21 01.1 | 0.5 | |
| BTO | 89.8 315 | cP | 23 21 01.2 | 0.1 | |
| GTA | 96.3 310 | -P | 23 21 30.0 | -0.3 | |

1986 12 22

O=23 52 51.4 ± 0.13s

LAT=53.68 N ± 2.52km

LONG=169.73 E ± 1.35km

DEPTH= 33 km ± 0.18km

STATIONS USED = 24, STAND DEV = 1.23s

| | | | | | |
|-----|----------|----|------------|------|--|
| CN2 | 30.4 269 | +P | 23 59 01.5 | -1.4 | |
| BTO | 41.5 277 | cP | 24 00 38.1 | 0.8 | |
| GTA | 48.2 283 | +P | 24 01 31.2 | -0.2 | |
| LSA | 60.1 280 | +P | 24 02 57.4 | -1.5 | |

1986 12 23

O=01 29 37.4 ± 0.21s

LAT=23.93 N ± 3.24km

LONG=121.84 E ± 2.83km

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DEPTH = 20 km ± 1.62km
 STATIONS USED = 27, STAND DEV = 2.95s
 Ms = 3.8 / 3, ML = 4.0 / 4,

| | | | | | | | |
|-----|------|-----|------------------|------------|------|------|-------|
| QZH | 3.1 | 289 | cPn | 01 30 26.0 | -0.2 | | |
| | | | iSn | 01 31 01.7 | -3.2 | | |
| | | | LG ₂ | 01 31 20.8 | 0.1 | | |
| | | | LE | Ms = 3.7 | | 8.0 | 1.91 |
| SSE | 7.2 | 355 | cPn | 01 31 24.5 | 2.9 | | |
| | | | cLG ₂ | 01 33 39.0 | 5.3 | | |
| | | | LE | Ms = 3.8 | | 6.0 | 0.47 |
| GZH | 7.8 | 266 | cPn | 01 31 27.0 | -4.0 | | |
| NJ2 | 8.5 | 343 | cP | 01 31 40.4 | -2.4 | | |
| | | | S | 01 33 12.8 | -6.2 | | |
| | | | LN | | | 1.0 | 0.090 |
| WHN | 9.4 | 316 | cP | 01 31 59.0 | 4.3 | | |
| | | | LG ₂ | 01 34 52.0 | 5.4 | | |
| | | | LN | Ms = 4.0 | | 10.0 | 0.74 |
| QZN | 12.2 | 249 | cP | 01 32 35.0 | 1.8 | | |
| GYA | 14.0 | 284 | P | 01 33 05.4 | 8.3 | | |
| XAN | 15.1 | 315 | P | 01 33 14.8 | 2.7 | | |
| CD2 | 17.5 | 297 | cP | 01 33 43.2 | 1.0 | | |
| CN2 | 20.0 | 8 | cP | 01 34 11.4 | -1.1 | | |
| GTA | 24.2 | 315 | P | 01 34 54.7 | 0.5 | | |

1986 12 23

O = 14 15 54.0 ± 0.05s
 LAT = 37.33 N ± 0.53km
 LONG = 114.86 E ± 0.36km
 DEPTH = 14 km ± 0.11km
 STATIONS USED = 7, STAND DEV = 1.51s

ML = 2.8 / 6,

| | | | | | | | |
|-----|-----|-----|------|------------|------|-----|-------|
| TIY | 2.0 | 282 | +iPg | 14 16 28.8 | -0.1 | | |
| | | | Sg | 14 16 55.0 | -0.7 | | |
| | | | SMN | ML = 2.8 | | 0.5 | 0.040 |
| | | | SME | | | 0.4 | 0.13 |
| TIA | 2.1 | 121 | Pg | 14 16 30.5 | -1.3 | | |
| | | | Sg | 14 16 57.3 | -3.6 | | |
| | | | SMN | ML = 2.6 | | 0.3 | 0.048 |
| | | | SME | | | 0.3 | 0.045 |
| BJI | 2.9 | 20 | cPg | 14 16 45.0 | -0.2 | | |
| | | | cSg | 14 17 24.0 | -0.9 | | |

1986 12 23

O = 17 14 22.3 ± 0.25s
 LAT = 51.53 N ± 2.79km
 LONG = 171.58 W ± 1.40km
 DEPTH = 52 km ± 2.40km
 STATIONS USED = 27, STAND DEV = 1.65s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| SSE | 52.5 | 274 | +P | 17 23 33.7 | 0.9 | | |
| BTO | 53.0 | 291 | cP | 17 23 36.0 | -0.6 | | |

| | | | | | | | |
|-----|------|-----|------|------------|------|--|--|
| NJ2 | 53.3 | 277 | +P | 17 23 38.3 | -0.4 | | |
| TIY | 53.4 | 287 | c(P) | 17 23 39.4 | -0.5 | | |
| XAN | 58.0 | 286 | P | 17 24 11.6 | -1.2 | | |
| CD2 | 63.3 | 287 | P | 17 24 48.2 | -0.6 | | |
| GYA | 64.8 | 281 | P | 17 24 57.6 | -0.7 | | |
| LSA | 71.6 | 295 | +P | 17 25 40.1 | -0.9 | | |

1986 12 23

O = 22 56 45.9 ± 0.08s
 LAT = 24.13 N ± 2.94km
 LONG = 122.07 E ± 2.58km
 DEPTH = 21 km ± 2.89km
 STATIONS USED = 28, STAND DEV = 2.03s

Ms = 4.0 / 3, ML = 3.7 / 5,

| | | | | | | | |
|-----|------|-----|-----------------|------------|------|------|------|
| QZH | 3.3 | 285 | +Pn | 22 57 36.7 | 0.3 | | |
| | | | Sn | 22 58 15.9 | -0.6 | | |
| | | | LG ₂ | 22 58 31.4 | -2.3 | | |
| | | | LE | Ms = 3.2 | | 12.0 | 0.89 |
| SSE | 7.0 | 354 | cPn | 22 58 28.5 | 1.0 | | |
| | | | LG ₂ | 23 00 35.3 | -1.0 | | |
| | | | LN | Ms = 4.0 | | 16.0 | 1.16 |
| | | | LE | | | 16.0 | 1.43 |
| NJ2 | 8.4 | 341 | +P | 22 58 47.4 | -2.0 | | |
| | | | S | 23 00 22.5 | -1.6 | | |
| GYA | 14.1 | 283 | P | 23 00 07.8 | 0.4 | | |
| XAN | 15.1 | 314 | cP | 23 00 20.6 | 0.0 | | |
| TIY | 15.8 | 331 | cP | 23 00 37.5 | 7.7 | | |
| | | | cS | 23 03 15.5 | -9.7 | | |
| | | | LG ₁ | 23 05 08.5 | 4.8 | | |
| | | | LG ₂ | 23 05 34.0 | 5.2 | | |
| | | | LN | Ms = 4.1 | | 12.0 | 0.49 |
| CD2 | 17.6 | 297 | cP | 23 00 51.0 | -0.6 | | |
| HHC | 18.9 | 335 | cP | 23 01 08.6 | 1.1 | | |
| BTO | 19.3 | 331 | cP | 23 01 12.6 | 0.1 | | |
| LZH | 19.7 | 311 | cP | 23 01 17.5 | 0.1 | | |
| CN2 | 19.8 | 7 | cP | 23 01 17.0 | -1.3 | | |
| | | | cS | 23 04 52.0 | -3.4 | | |
| LSA | 28.1 | 288 | cP | 23 02 38.0 | -1.0 | | |

1986 12 24

O = 04 57 46.4 ± 0.09s
 LAT = 25.34 N ± 1.51km
 LONG = 126.57 E ± 1.44km
 DEPTH = 63 km ± 0.96km
 STATIONS USED = 51, STAND DEV = 1.67s

Ms = 3.7 / 3,

| | | | | | | | |
|-----|------|-----|----|------------|------|------|------|
| SSE | 7.4 | 322 | +P | 04 59 33.9 | -1.0 | | |
| | | | LN | Ms = 3.7 | | 20.0 | 0.90 |
| | | | LE | | | 20.0 | 0.58 |
| WHN | 12.0 | 298 | P | 05 00 35.5 | -1.2 | | |

| | | | | | |
|-----|------|-----|-----|------------|------|
| SNY | 16.6 | 352 | eP | 05 01 37.3 | 0.3 |
| BJI | 17.1 | 332 | P | 05 01 44.5 | 2.2 |
| TIY | 17.2 | 319 | eP | 05 01 45.4 | 0.9 |
| XAN | 17.6 | 304 | eP | 05 01 49.0 | -0.2 |
| GYA | 17.9 | 278 | P | 05 01 53.8 | 0.2 |
| CN2 | 18.4 | 357 | eP | 05 01 58.0 | -1.3 |
| HHC | 19.9 | 325 | eP | 05 02 16.6 | 1.0 |
| BTO | 20.5 | 322 | eP | 05 02 21.6 | -0.9 |
| CD2 | 20.9 | 291 | P | 05 02 24.0 | -1.7 |
| GTA | 26.5 | 309 | -iP | 05 03 18.3 | -1.8 |
| LSA | 31.6 | 286 | P | 05 04 05.2 | -1.4 |

1986 12 24

O=10 32 05.5 ± 0.09s
 LAT=20.04 S ± 1.40km
 LONG=173.50 W ± 1.46km
 DEPTH= 32 km ± 0.25km
 STATIONS USED = 24, STAND DEV = 1.07s

| | | | | | |
|-----|------|-----|------|------------|------|
| CN2 | 84.6 | 320 | +P | 10 44 38.0 | 0.3 |
| BJI | 88.6 | 314 | eP | 10 44 57.0 | -0.2 |
| TIY | 90.2 | 310 | c(P) | 10 45 05.4 | 0.6 |
| XAN | 91.3 | 306 | P | 10 45 10.6 | 0.7 |

1986 12 24

O=12 31 34.0 ± 0.09s
 LAT= 1.45 N ± 1.03km
 LONG=129.09 E ± 1.68km
 DEPTH= 33 km ± 0.34km
 STATIONS USED = 13, STAND DEV = 1.79s

| | | | | | |
|-----|------|-----|----|------------|------|
| BJI | 40.2 | 345 | eP | 12 39 04.5 | -4.6 |
| LZH | 41.7 | 329 | eP | 12 39 23.0 | 1.4 |
| GTA | 46.3 | 328 | +P | 12 39 58.8 | 0.1 |

1986 12 24

O=16 48 04.7 ± 0.07s
 LAT=44.02 N ± 1.36km
 LONG= 16.38 E ± 1.18km
 DEPTH= 33 km ± 0.27km
 STATIONS USED = 34, STAND DEV = 0.97s

| | | | | | |
|-----|------|----|-----|------------|------|
| WMQ | 49.8 | 64 | P | 16 56 57.3 | 0.1 |
| LSA | 59.6 | 77 | eP | 16 58 08.2 | -0.5 |
| GTA | 59.9 | 63 | P | 16 58 10.0 | -0.4 |
| LZH | 64.4 | 64 | eP | 16 58 41.0 | 0.3 |
| XAN | 68.9 | 63 | P | 16 59 09.0 | -0.3 |
| BJI | 69.5 | 54 | (P) | 16 59 13.0 | 0.1 |
| CN2 | 72.1 | 46 | +P | 16 59 28.0 | -0.5 |
| GYA | 72.3 | 70 | P | 16 59 33.4 | 3.6 |
| SNY | 72.5 | 48 | eP | 16 59 30.2 | -0.5 |

1986 12 24

| | |
|--------------------------|-----------------------------|
| O=19 43 05.7 | ± 0.10s |
| LAT=37.29 N | ± 1.69km |
| LONG= 70.48 E | ± 1.21km |
| DEPTH= 62 km | ± 0.51km |
| STATIONS USED = 22, | STAND DEV = 3.01s |
| M _L =4.7 / 1, | |
| KSH | 4.8 62 P 19 44 21.0 2.9 |
| SME | |
| WMQ | 14.6 58 eP 19 46 29.8 -1.0 |
| LN | |
| LSA | 18.8 108 -P 19 47 22.0 -1.5 |
| GTA | 23.1 76 -iP 19 48 09.6 2.6 |
| GYA | 32.4 99 P 19 49 33.0 0.7 |

1986 12 24

O=22 59 28.1 ± 0.23s
 LAT=23.98 N ± 3.66km
 LONG=121.44 E ± 3.44km
 DEPTH= 31 km ± 2.22km
 STATIONS USED = 23, STAND DEV = 2.80s
 M_s=4.3 / 4, M_L=3.8 / 4,

| | | | | | |
|-----|------|-----------------|---------------------|------------|------|
| QZH | 2.8 | 291 | cPn | 23 00 09.6 | -1.2 |
| | | Sn | 23 00 45.5 | 0.8 | |
| GZH | 7.5 | 265 | ePn | 23 01 15.0 | -0.6 |
| | | Sn | 23 02 37.0 | -4.5 | |
| NJ2 | 8.4 | 345 | +P | 23 01 27.5 | -2.7 |
| | | S | 23 03 02.8 | -1.6 | |
| | | LN | M _s =4.3 | 7.5 1.40 | |
| WHN | 9.1 | 318 | eP | 23 01 41.2 | 1.0 |
| | | S | 23 03 32.0 | 9.7 | |
| | | LG ₂ | 23 04 29.0 | 1.1 | |
| | | LE | M _s =3.8 | 8.0 0.40 | |
| GYA | 13.6 | 284 | P | 23 02 40.0 | -1.6 |
| TIY | 15.7 | 333 | eP | 23 03 13.0 | 3.9 |
| | | LN | M _s =4.3 | 9.0 0.45 | |
| | | LE | | 9.0 0.30 | |
| CD2 | 17.1 | 298 | (P) | 23 03 30.2 | 3.1 |
| BTO | 19.2 | 333 | eP | 23 03 57.5 | 5.5 |
| | | LN | M _s =4.3 | 10.0 0.40 | |
| | | LE | | 10.0 0.20 | |
| LSA | 27.6 | 289 | eP | 23 05 14.2 | -1.1 |

1986 12 25

O=04 15 58.2 ± 0.07s
 LAT= 1.96 N ± 0.95km
 LONG=126.90 E ± 1.26km
 DEPTH= 33 km ± 0.31km
 STATIONS USED = 17, STAND DEV = 1.03s

| | | | | | |
|-----|------|-----|----|------------|------|
| XAN | 36.1 | 334 | eP | 04 22 59.0 | -0.2 |
| BJI | 39.1 | 347 | eP | 04 23 25.0 | 0.2 |

| | | | | | | | |
|---------------------|-------|-----|------------------|-------------------|------|------|--|
| LZH | 40.1 | 330 | cP | 04 23 33.5 | 0.4 | | |
| GTA | 44.7 | 330 | cP | 04 24 09.0 | -1.5 | | |
| 1986 12 25 | | | | | | | |
| O=17 17 39.0 | | | | ± 0.26s | | | |
| LAT=44.34 S | | | | ± 9.38km | | | |
| LONG= 80.61 W | | | | ± 12.71km | | | |
| DEPTH= 3 km | | | | ± 1.37km | | | |
| STATIONS USED = 41, | | | | STAND DEV = 4.94s | | | |
| Ms=6.1/10, | | | | | | | |
| QZN | 153.3 | 202 | cPKP | 17 37 36.4 | 4.5 | | |
| | | | PKP ₂ | 17 37 59.0 | | | |
| | | | PP | 17 41 35.0 | 7.9 | | |
| | | | eSKKS | 17 48 23.0 | | | |
| | | | LN | Ms=6.2 | 21.0 | 3.20 | |
| SSE | 158.4 | 240 | cPKP | 17 37 44.0 | 5.4 | | |
| | | | SKKS | 17 48 52.0 | | | |
| | | | LN | Ms=6.2 | 24.0 | 2.24 | |
| | | | LE | | 24.0 | 2.35 | |
| MDJ | 158.5 | 281 | cPKP | 17 37 38.0 | -0.8 | | |
| | | | SKKS | 17 49 25.5 | | | |
| | | | SS | 18 01 55.0 | -0.6 | | |
| CN2 | 161.3 | 277 | PKP | 17 38 24.0 | 43.6 | | |
| WHN | 161.9 | 226 | cPKP | 17 37 43.1 | 0.8 | | |
| | | | LN | Ms=6.1 | 32.0 | 4.11 | |
| KSH | 161.9 | 98 | cPKP | 17 37 46.0 | 3.4 | | |
| DL2 | 162.5 | 260 | cPKP | 17 37 40.0 | -3.0 | | |
| TIA | 164.2 | 245 | cPKP | 17 37 44.6 | -0.2 | | |
| | | | PP | 17 42 20.0 | -6.7 | | |
| | | | eSS | 18 02 50.0 | -5.4 | | |
| | | | LN | Ms=7.2 | 23.0 | 24.7 | |
| | | | LE | | 25.0 | 26.5 | |
| CD2 | 166.2 | 196 | PKP | 17 37 47.0 | 0.4 | | |
| | | | PKP ₂ | 17 38 10.0 | | | |
| | | | PP | 17 42 27.0 | -9.2 | | |
| | | | SS | 18 03 06.0 | -8.5 | | |
| BJI | 166.8 | 257 | cPKP | 17 37 48.0 | 1.0 | | |
| | | | cPP | 17 42 32.0 | -7.6 | | |
| | | | eSKKS | 17 49 18.0 | | | |
| | | | eSS | 18 03 16.0 | -5.3 | | |
| | | | LN | Ms=6.0 | 20.0 | 1.15 | |
| | | | LE | | 20.0 | 1.25 | |
| TIY | 168.1 | 241 | cPKP | 17 37 50.5 | 2.6 | | |
| | | | PP | 17 42 42.0 | -4.1 | | |
| | | | SKKS | 17 49 27.0 | | | |
| | | | SS | 18 03 25.0 | -9.3 | | |
| | | | LN | Ms=6.1 | 19.0 | 1.91 | |
| | | | LE | | 19.0 | 1.11 | |
| BTO | 171.3 | 248 | cPKP | 17 37 49.0 | -0.8 | | |
| | | | cPP | 17 43 00.0 | -1.9 | | |

| | | | | | | | |
|-----|-------|-----|------------------|------------|------|------|--|
| | | | LN | Ms=6.1 | 21.0 | 1.30 | |
| | | | LE | | 22.0 | 2.60 | |
| WMQ | 171.6 | 89 | PKP | 17 37 53.2 | 3.2 | | |
| | | | PKP ₂ | 17 39 14.0 | | | |
| | | | PP | 17 43 11.0 | 7.8 | | |
| | | | SKKS | 17 49 55.0 | | | |
| | | | SS | 18 04 07.0 | -0.5 | | |
| | | | LN | Ms=6.4 | 45.0 | 12.2 | |
| GTA | 175.1 | 184 | PKP | 17 37 50.0 | -1.4 | | |
| | | | PKP ₂ | 17 39 18.5 | | | |
| | | | LN | Ms=5.9 | 19.0 | 2.30 | |

| | | | | | | | |
|------------------------|------|----|-----|-------------------|------|-----|------|
| 1986 12 25 | | | | | | | |
| O=18 32 02.7 | | | | ± 0.13s | | | |
| LAT=36.92 N | | | | ± 1.62km | | | |
| LONG= 71.52 E | | | | ± 1.66km | | | |
| DEPTH=151 km | | | | ± 0.97km | | | |
| STATIONS USED = 11, | | | | STAND DEV = 2.85s | | | |
| M _L =4.2/1, | | | | | | | |
| KSH | 4.3 | 53 | cP | 18 33 09.0 | 0.6 | | |
| | | | S | 18 34 00.0 | 1.5 | | |
| | | | SMN | | | 3.0 | 0.80 |
| WMQ | 14.1 | 56 | cP | 18 35 15.4 | -1.8 | | |
| | | | S | 18 37 55.0 | 5.1 | | |
| GTA | 22.4 | 75 | P | 18 36 48.6 | -0.5 | | |

| | | | | | | | |
|---------------------|-------|-----|------|-------------------|------|--|--|
| 1986 12 25 | | | | | | | |
| O=21 02 55.0 | | | | ± 0.21s | | | |
| LAT= 4.55 S | | | | ± 3.08km | | | |
| LONG= 76.62 W | | | | ± 5.53km | | | |
| DEPTH=101 km | | | | ± 2.11km | | | |
| STATIONS USED = 25, | | | | STAND DEV = 3.17s | | | |
| BJI | 142.8 | 344 | cPKP | 21 22 16.5 | -1.2 | | |
| GTA | 145.1 | 5 | -PKP | 21 22 19.9 | -2.0 | | |
| TIY | 146.0 | 347 | -PKP | 21 22 22.8 | -0.5 | | |
| SSE | 148.7 | 330 | -PKP | 21 22 30.7 | 3.0 | | |
| NJ2 | 149.0 | 334 | +PKP | 21 22 31.7 | 3.5 | | |
| XAN | 150.2 | 351 | PKP | 21 22 28.5 | -1.6 | | |
| CD2 | 153.8 | 359 | cPKP | 21 22 42.7 | 7.6 | | |

| | | | | | | | |
|------------------------|-----|-----|------|---------------------|------|------|--|
| 1986 12 26 | | | | | | | |
| O=15 34 53.6 | | | | ± 0.07s | | | |
| LAT=38.68 N | | | | ± 0.95km | | | |
| LONG=101.69 E | | | | ± 0.70km | | | |
| DEPTH= 15 km | | | | ± 0.29km | | | |
| STATIONS USED = 6, | | | | STAND DEV = 3.66s | | | |
| M _L =3.0/6, | | | | | | | |
| GTA | 1.6 | 297 | +iPn | 15 35 21.9 | -0.6 | | |
| | | | Sg | 15 35 43.9 | -1.0 | | |
| | | | SMN | M _L =3.1 | 0.6 | 0.17 | |

| | | | | | |
|-----|-----|-----|-----|-------------|-----------|
| | | SME | | 0.8 | 0.27 |
| LZH | 3.1 | 146 | P11 | 15 35 46.5 | -3.1 |
| | | | S11 | 15 36 26.0 | -6.5 |
| | | | SMN | $M_L = 3.2$ | 1.0 0.086 |
| | | | SME | | 1.0 0.096 |

1986 12 26
 O = 16 02 34.4 ± 0.12s
 LAT = 38.16 N ± 1.24km
 LONG = 70.08 E ± 1.20km
 DEPTH = 188 km ± 0.76km
 STATIONS USED = 11, STAND DEV = 2.24s

| | | | | | |
|-----|------|----|----|------------|----------|
| KSH | 4.8 | 73 | P | 16 03 47.0 | 0.2 |
| | | | S | 16 04 48.0 | 5.8 |
| | | | LN | | 6.0 2.20 |
| WMQ | 14.4 | 61 | cP | 16 05 48.0 | -3.6 |
| GTA | 23.2 | 78 | cP | 16 07 24.8 | -0.8 |

1986 12 26
 O = 17 39 39.0 ± 0.12s
 LAT = 37.01 N ± 2.17km
 LONG = 56.22 E ± 1.65km
 DEPTH = 32 km ± 0.18km
 STATIONS USED = 15, STAND DEV = 2.14s

| | | | | | |
|-----|------|----|----|------------|------|
| WMQ | 24.8 | 64 | cP | 17 45 01.2 | 1.2 |
| CD2 | 39.6 | 84 | cP | 17 47 10.8 | 1.4 |
| KMI | 41.2 | 93 | +P | 17 47 23.0 | -0.1 |
| GYA | 43.7 | 89 | P | 17 47 45.0 | 1.4 |

1986 12 26
 O = 17 57 36.1 ± 0.05s
 LAT = 36.69 N ± 0.66km
 LONG = 71.38 E ± 0.54km
 DEPTH = 187 km ± 0.29km
 STATIONS USED = 23, STAND DEV = 2.29s

$M_L = 4.9 / 3,$

| | | | | | |
|-----|------|-----|-----|-------------|----------|
| KSH | 4.6 | 51 | -iP | 17 58 47.5 | 1.9 |
| | | | S | 17 59 39.0 | 0.3 |
| | | | SMN | $M_L = 4.9$ | 1.0 1.70 |
| WMQ | 14.3 | 55 | cP | 18 00 50.9 | -1.1 |
| LSA | 17.9 | 107 | +iP | 18 01 36.0 | 0.7 |
| GTA | 22.5 | 74 | cP | 18 02 22.7 | 1.6 |

1986 12 26
 O = 19 51 46.1 ± 0.31s
 LAT = 54.14 S ± 2.25km
 LONG = 143.74 E ± 3.80km
 DEPTH = 10 km ± 1.27km
 STATIONS USED = 37, STAND DEV = 1.63s
 $M_s = 5.5 / 8,$ $m_B = 5.9 / 2$

| | | | | | |
|-----|------|-----|----|-------------|-----------|
| QZN | 78.5 | 327 | eP | 20 03 49.5 | -0.2 |
| | | | S | 20 13 42.0 | -1.4 |
| | | | sS | 20 13 52.0 | -2.1 |
| | | | SS | 20 18 49.0 | -0.3 |
| | | | LE | $M_s = 5.5$ | 17.0 1.33 |

| | | | | | |
|-----|------|-----|-----|-------------|-----------|
| GYA | 86.4 | 327 | P | 20 04 31.0 | 0.0 |
| | | | S | 20 15 01.0 | -3.1 |
| KMI | 86.5 | 323 | +P | 20 04 32.0 | 0.5 |
| | | | cPP | 20 08 00.0 | 6.3 |
| | | | S | 20 15 12.0 | 7.2 |
| | | | SMN | $m_B = 5.9$ | 11.0 1.11 |
| | | | LN | $M_s = 6.1$ | 20.0 4.90 |

| | | | | | |
|-----|------|-----|------|-------------|-----------|
| SSE | 87.1 | 341 | cP | 20 04 37.0 | 2.8 |
| | | | cSKS | 20 15 06.0 | 8.2 |
| | | | S | 20 15 13.0 | 2.4 |
| | | | SS | 20 21 00.0 | 3.2 |
| | | | LN | $M_s = 5.5$ | 20.0 0.90 |
| | | | LE | | 18.0 0.74 |

| | | | | | |
|-----|------|-----|----|-------------|-----------|
| WHN | 88.1 | 335 | P | 20 04 38.0 | -1.0 |
| NJ2 | 88.5 | 339 | cP | 20 04 41.0 | 0.1 |
| | | | S | 20 15 25.5 | 1.8 |
| | | | LN | $M_s = 6.1$ | 10.0 2.20 |

| | | | | | |
|-----|------|-----|------|-------------|-----------|
| CD2 | 91.5 | 326 | cP | 20 04 55.5 | 0.5 |
| XAN | 92.8 | 332 | cP | 20 05 00.0 | -1.2 |
| TIA | 92.9 | 339 | cP | 20 05 00.0 | -1.4 |
| | | | cSKS | 20 15 35.0 | 2.6 |
| | | | LN | $M_s = 5.7$ | 19.0 1.02 |
| | | | LE | | 19.0 1.16 |

| | | | | | |
|-----|------|-----|-----|-------------|-----------|
| TIY | 95.4 | 336 | cP | 20 05 11.5 | -1.4 |
| | | | SKS | 20 15 51.5 | 5.3 |
| | | | S | 20 16 23.0 | -1.5 |
| | | | LN | $M_s = 5.4$ | 15.0 0.66 |

| | | | | | |
|-----|-------|-----|----|-------------|-----------|
| LZH | 96.2 | 328 | cP | 20 05 16.0 | -0.9 |
| BJI | 96.7 | 339 | cP | 20 05 15.0 | -4.1 |
| GTA | 100.5 | 327 | cP | 20 05 35.0 | -1.4 |
| | | | LN | $M_s = 5.5$ | 15.5 0.72 |

1986 12 26
 O = 20 50 22.1 ± 0.11s
 LAT = 25.29 N ± 1.34km
 LONG = 100.09 E ± 1.20km
 DEPTH = 16 km ± 0.23km
 STATIONS USED = 41, STAND DEV = 2.46s
 $M_s = 4.4 / 7,$ $M_L = 4.5 / 5,$

| | | | | | |
|-----|-----|----|-----|------------|------|
| KMI | 2.4 | 93 | cPn | 20 51 04.0 | 2.4 |
| | | | Pg | 20 51 10.0 | 5.4 |
| | | | Sn | 20 51 34.0 | 1.7 |
| | | | Sg | 20 51 40.0 | 2.5 |
| GYA | 6.0 | 77 | Pn | 20 51 53.8 | 2.4 |
| | | | Sn | 20 53 02.0 | -0.2 |

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| | | | | Ms = 4.3 | | 8.0 | 1.90 | | | | | Ms = 4.2 | | 8.0 | 2.10 |
|-----|------|-----|-----------------|----------|------|------|------|--|--|--|--|----------|--|-----|------|
| | | | LN | | | | | | | | | | | | |
| | | | LE | | | | | | | | | | | | |
| CD2 | 6.5 | 29 | Pn | 20 51 | 58.4 | 1.1 | | | | | | | | | |
| | | | Pg | 20 52 | 19.8 | 3.5 | | | | | | | | | |
| LSA | 9.1 | 301 | -iP | 20 52 | 33.8 | -2.5 | | | | | | | | | |
| QZN | 11.0 | 123 | cP | 20 53 | 02.4 | 0.5 | | | | | | | | | |
| | | | cS | 20 55 | 06.8 | 1.4 | | | | | | | | | |
| | | | LN | | | | | | | | | | | | |
| | | | LE | | | | | | | | | | | | |
| XAN | 11.6 | 39 | cP | 20 53 | 07.2 | -3.5 | | | | | | | | | |
| GZH | 12.3 | 98 | cP | 20 53 | 19.0 | -0.8 | | | | | | | | | |
| WHN | 13.6 | 64 | P | 20 53 | 36.0 | -1.8 | | | | | | | | | |
| | | | S | 20 56 | 09.0 | -0.7 | | | | | | | | | |
| | | | LN | | | | | | | | | | | | |
| | | | LE | | | | | | | | | | | | |
| GTA | 14.1 | 359 | cP | 20 53 | 44.2 | 0.4 | | | | | | | | | |
| | | | LE | | | | | | | | | | | | |
| TIY | 16.2 | 37 | cP | 20 54 | 10.4 | -1.2 | | | | | | | | | |
| | | | LG ₁ | 20 58 | 53.0 | 1.0 | | | | | | | | | |
| | | | LN | | | | | | | | | | | | |
| | | | LE | | | | | | | | | | | | |
| BTO | 17.4 | 26 | cP | 20 54 | 26.5 | 0.5 | | | | | | | | | |
| HHC | 18.2 | 29 | cP | 20 54 | 36.2 | -0.5 | | | | | | | | | |
| BJI | 19.9 | 39 | cP | 20 54 | 55.5 | -1.2 | | | | | | | | | |
| WMQ | 21.1 | 334 | cP | 20 55 | 08.7 | 0.0 | | | | | | | | | |

1986 12 26

O = 21 25 58.5 ± 0.06s
 LAT = 2.30 N ± 0.94km
 LONG = 126.62 E ± 2.32km
 DEPTH = 32 km ± 0.06km
 STATIONS USED = 28, STAND DEV = 1.37s

| | | | | | | | | |
|-----|------|-----|----|-------|------|------|--|--|
| QZN | 23.4 | 317 | cP | 21 31 | 04.5 | -0.9 | | |
| BJI | 38.7 | 347 | cP | 21 33 | 22.0 | 0.1 | | |
| SNY | 39.4 | 356 | -P | 21 33 | 28.0 | 0.2 | | |
| CN2 | 41.3 | 359 | cP | 21 33 | 45.0 | 1.5 | | |
| MDJ | 42.2 | 3 | cP | 21 33 | 50.5 | -0.2 | | |
| GTA | 44.3 | 330 | P | 21 34 | 07.0 | -0.5 | | |
| WMQ | 53.8 | 326 | cP | 21 35 | 22.7 | 1.5 | | |

1986 12 26

O = 21 26 36.1 ± 0.21s
 LAT = 25.27 N ± 1.91km
 LONG = 100.24 E ± 1.87km
 DEPTH = 16 km ± 0.16km
 STATIONS USED = 32, STAND DEV = 2.90s

Ms = 4.5 / 4, M_L = 4.3 / 7,

| | | | | | | | | |
|-----|-----|----|-----|-------|------|-----|-----|------|
| KMI | 2.3 | 93 | +Pn | 21 27 | 17.0 | 3.3 | | |
| | | | Pg | 21 27 | 23.5 | 7.2 | | |
| | | | Sn | 21 27 | 47.0 | 4.1 | | |
| | | | LN | | | | 4.0 | 5.60 |

1986 12 27

O = 00 12 16.4 ± 0.11s
 LAT = 34.83 S ± 3.17km
 LONG = 81.58 E ± 3.73km
 DEPTH = 10 km ± 0.71km
 STATIONS USED = 24, STAND DEV = 0.96s

| | | | | | | | | |
|-----|------|----|----|-------|------|------|--|--|
| GYA | 65.4 | 25 | P | 00 23 | 01.6 | -0.7 | | |
| CD2 | 68.6 | 20 | cP | 00 23 | 22.2 | -0.4 | | |
| XAN | 73.1 | 23 | cP | 00 23 | 49.4 | -0.4 | | |
| GTA | 75.8 | 14 | -P | 00 24 | 04.9 | -0.2 | | |
| TIY | 77.7 | 25 | +P | 00 24 | 15.3 | -0.3 | | |
| WMQ | 78.5 | 5 | cP | 00 24 | 20.0 | -0.2 | | |
| BTO | 79.5 | 22 | cP | 00 24 | 25.8 | 0.0 | | |
| BJI | 81.0 | 26 | cP | 00 24 | 31.5 | -2.4 | | |

1986 12 27

O = 01 00 11.4 ± 0.44s
 LAT = 11.92 S ± 7.10km
 LONG = 118.06 E ± 3.83km
 DEPTH = 33 km ± 0.13km
 STATIONS USED = 34, STAND DEV = 2.97s

| | | | | | | | | |
|-----|------|-----|------|-------|------|------|--|--|
| GYA | 39.7 | 344 | P | 01 07 | 50.6 | 7.6 | | |
| XAN | 46.5 | 350 | cP | 01 08 | 35.2 | -2.9 | | |
| LSA | 48.8 | 328 | -P | 01 08 | 55.6 | -1.0 | | |
| BJI | 51.7 | 358 | P | 01 09 | 25.0 | 6.9 | | |
| SNY | 53.7 | 5 | cP | 01 09 | 37.4 | 4.4 | | |
| GTA | 53.8 | 343 | -P | 01 09 | 32.5 | -1.4 | | |
| CN2 | 55.9 | 6 | c(P) | 01 09 | 53.0 | 4.4 | | |
| WMQ | 62.0 | 336 | P | 01 10 | 30.2 | -1.1 | | |

| | | | | | | | | | |
|---------------------------------------|------------|-----|------------------|------------|------|------|--|--|--|
| KSH | 64.4 | 325 | cP | 01 10 47.5 | 0.4 | | | | |
| 1986 12 27 | | | | | | | | | |
| O= | 02 29 00.8 | | | ± 0.34s | | | | | |
| LAT= | 23.85 S | | | ± 3.28km | | | | | |
| LONG= | 70.31 W | | | ± 5.48km | | | | | |
| DEPTH= | 32 km | | | ± 2.39km | | | | | |
| STATIONS USED = 24, STAND DEV = 3.41s | | | | | | | | | |
| KSH | 147.6 | 53 | cPKP | 02 48 42.0 | 1.6 | | | | |
| WMQ | 153.1 | 37 | cPKP | 02 48 55.5 | 6.7 | | | | |
| TIY | 166.0 | 351 | cPKP | 02 49 03.5 | 0.0 | | | | |
| LZH | 166.8 | 21 | PKP | 02 49 05.0 | 0.8 | | | | |
| 1986 12 27 | | | | | | | | | |
| O= | 02 43 53.4 | | | ± 0.25s | | | | | |
| LAT= | 56.21 S | | | ± 5.07km | | | | | |
| LONG= | 27.31 W | | | ± 6.48km | | | | | |
| DEPTH= | 33 km | | | ± 1.47km | | | | | |
| STATIONS USED = 34, STAND DEV = 3.60s | | | | | | | | | |
| Ms=5.6/ 3, | | | | | | | | | |
| GYA | 135.7 | 113 | PKP | 03 03 20.0 | 8.1 | | | | |
| | | | PP | 03 05 55.0 | 2.6 | | | | |
| GTA | 141.8 | 93 | cPKP | 03 03 20.0 | -3.0 | | | | |
| | | | LN | Ms=5.4 | 29.0 | 0.71 | | | |
| XAN | 142.9 | 108 | cPKP | 03 03 23.8 | -0.9 | | | | |
| NJ2 | 146.3 | 122 | -PKP | 03 03 32.0 | 1.4 | | | | |
| SSE | 146.6 | 125 | cPKP | 03 03 32.0 | 0.9 | | | | |
| | | | PKP ₂ | 03 03 37.8 | | | | | |
| | | | LN | Ms=5.6 | 24.0 | 0.77 | | | |
| TIY | 147.5 | 108 | +PKP | 03 03 37.1 | 4.4 | | | | |
| | | | PP | 03 07 12.0 | 7.7 | | | | |
| | | | SS | 03 25 55.0 | -6.9 | | | | |
| BTO | 148.3 | 101 | PKP | 03 03 36.0 | 2.0 | | | | |
| | | | PP | 03 07 05.5 | -3.2 | | | | |
| TIA | 148.8 | 115 | PKP | 03 03 37.0 | 2.3 | | | | |
| HHC | 149.3 | 102 | cPKP | 03 03 41.1 | 5.5 | | | | |
| BJI | 151.2 | 109 | cPKP | 03 03 40.0 | 1.6 | | | | |
| SNY | 156.3 | 115 | +PKP | 03 03 45.0 | -0.5 | | | | |
| CN2 | 158.7 | 114 | +PKP | 03 03 45.0 | -3.6 | | | | |
| MDJ | 161.4 | 119 | cPKP | 03 03 45.0 | -6.5 | | | | |
| 1986 12 27 | | | | | | | | | |
| O= | 04 03 38.8 | | | ± 0.10s | | | | | |
| LAT= | 11.78 N | | | ± 1.65km | | | | | |
| LONG= | 122.26 E | | | ± 1.74km | | | | | |
| DEPTH= | 33 km | | | ± 0.36km | | | | | |
| STATIONS USED = 41, STAND DEV = 1.38s | | | | | | | | | |
| Ms=4.4/ 5, | | | | | | | | | |
| QZN | 14.0 | 303 | cP | 04 06 55.3 | -1.4 | | | | |
| | | | (S) | 04 09 30.0 | -1.7 | | | | |

| | | | | | | | | | |
|---------------------------------------|------------|-----|-----|---------------------|------|------|--|--|--|
| | | | LN | Ms=4.4 | 11.0 | 0.66 | | | |
| | | | LE | | 13.0 | 0.88 | | | |
| SSE | 19.2 | 357 | cP | 04 08 00.0 | -3.3 | | | | |
| | | | cpP | 04 08 08.5 | -2.5 | | | | |
| | | | cS | 04 11 28.0 | -5.2 | | | | |
| | | | LN | Ms=4.4 | 19.0 | 0.60 | | | |
| | | | LE | | 20.0 | 0.87 | | | |
| WHN | 20.1 | 340 | cP | 04 08 13.5 | 1.3 | | | | |
| NJ2 | 20.4 | 352 | +P | 04 08 18.5 | 2.6 | | | | |
| GYA | 20.7 | 317 | P | 04 08 19.6 | 0.5 | | | | |
| KMI | 22.7 | 308 | cP | 04 08 40.0 | 0.4 | | | | |
| TIA | 24.8 | 350 | P | 04 09 00.0 | 1.0 | | | | |
| | | | LN | Ms=4.5 | 15.0 | 0.68 | | | |
| XAN | 25.3 | 333 | cP | 04 09 02.4 | -1.6 | | | | |
| TIY | 27.3 | 343 | cP | 04 09 22.4 | -0.2 | | | | |
| | | | LN | Ms=4.4 | 12.0 | 0.42 | | | |
| BJI | 28.7 | 350 | cP | 04 09 35.5 | 0.6 | | | | |
| SNY | 29.9 | 2 | cP | 04 09 46.5 | 0.1 | | | | |
| CN2 | 32.0 | 4 | cP | 04 10 05.0 | 0.2 | | | | |
| MDJ | 33.3 | 10 | -P | 04 10 17.5 | 1.4 | | | | |
| GTA | 34.0 | 328 | P | 04 10 20.5 | -1.3 | | | | |
| | | | LN | Ms=4.6 | 24.0 | 0.83 | | | |
| 1986 12 27 | | | | | | | | | |
| O= | 04 41 05.5 | | | ± 0.14s | | | | | |
| LAT= | 25.22 N | | | ± 1.40km | | | | | |
| LONG= | 100.05 E | | | ± 1.32km | | | | | |
| DEPTH= | 9 km | | | ± 0.37km | | | | | |
| STATIONS USED = 11, STAND DEV = 4.02s | | | | | | | | | |
| M _L =3.8/ 5, | | | | | | | | | |
| KMI | 2.4 | 92 | +Pg | 04 41 50.5 | 1.6 | | | | |
| | | | Sg | 04 42 21.0 | -1.0 | | | | |
| | | | SMN | M _L =3.8 | 1.0 | 0.31 | | | |
| | | | SME | | 1.5 | 0.78 | | | |
| GYA | 6.1 | 77 | Pn | 04 42 36.8 | 0.7 | | | | |
| CD2 | 6.5 | 29 | Pn | 04 42 36.5 | -5.8 | | | | |
| 1986 12 27 | | | | | | | | | |
| O= | 04 55 17.9 | | | ± 0.39s | | | | | |
| LAT= | 22.14 N | | | ± 3.28km | | | | | |
| LONG= | 118.87 E | | | ± 2.44km | | | | | |
| DEPTH= | 32 km | | | ± 0.03km | | | | | |
| STATIONS USED = 14, STAND DEV = 2.13s | | | | | | | | | |
| M _L =4.1/ 6, | | | | | | | | | |
| QZH | 2.8 | 355 | cPn | 04 55 59.3 | -1.7 | | | | |
| | | | iSn | 04 56 28.8 | -6.4 | | | | |
| | | | SMN | M _L =3.8 | 0.3 | 0.28 | | | |
| | | | SME | | 0.3 | 0.55 | | | |
| GZH | 5.2 | 282 | cPn | 04 56 34.5 | 0.7 | | | | |
| | | | cSn | 04 57 27.0 | -7.3 | | | | |

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| | | | | | | | | | |
|---------------------------------------|------|-----|-----------------|---------------------|------|-------|--|--|--|
| | | | LN | 0.7 | 0.25 | | | | |
| | | | LE | 0.9 | 0.19 | | | | |
| SSE | 9.2 | 13 | cP | 04 57 31.3 | 0.4 | | | | |
| | | | LG ₁ | 05 00 10.0 | 4.4 | | | | |
| | | | LN | | 1.1 | 0.040 | | | |
| | | | LE | | 1.0 | 0.030 | | | |
| GYA | 11.9 | 294 | P | 04 58 08.2 | -0.9 | | | | |
| 1986 12 27 | | | | | | | | | |
| O=05 15 28.4 ± 0.17s | | | | | | | | | |
| LAT= 2.02 N ± 1.73km | | | | | | | | | |
| LONG=128.68 E ± 2.52km | | | | | | | | | |
| DEPTH= 62 km ± 0.49km | | | | | | | | | |
| STATIONS USED = 66, STAND DEV = 1.84s | | | | | | | | | |
| Ms=4.8 / 10, m _B =5.3 / 3 | | | | | | | | | |
| QZH | 24.8 | 338 | cP | 05 20 50.0 | 3.9 | | | | |
| | | | cS | 05 25 03.5 | 2.5 | | | | |
| | | | SS | 05 26 09.0 | 8.3 | | | | |
| | | | LE | Ms=4.7 | 28.0 | 1.92 | | | |
| QZN | 25.0 | 314 | cP | 05 20 49.6 | 1.1 | | | | |
| | | | cS | 05 25 15.0 | 9.9 | | | | |
| | | | LN | Ms=4.8 | 14.0 | 1.02 | | | |
| | | | LE | | 14.0 | 0.82 | | | |
| GZH | 25.7 | 326 | cP | 05 20 56.5 | 1.8 | | | | |
| | | | LN | Ms=5.1 | 5.0 | 0.80 | | | |
| | | | LE | | 7.0 | 0.86 | | | |
| SSE | 29.8 | 347 | c(P) | 05 21 31.5 | -0.2 | | | | |
| | | | S | 05 26 30.0 | 8.8 | | | | |
| | | | SS | 05 28 08.0 | 8.4 | | | | |
| | | | LN | Ms=4.8 | 20.0 | 1.38 | | | |
| NJ2 | 31.3 | 344 | cP | 05 21 46.0 | 1.0 | | | | |
| WHN | 31.4 | 336 | cP | 05 21 45.0 | -1.5 | | | | |
| GYA | 32.2 | 321 | P | 05 21 57.4 | 4.0 | | | | |
| | | | LN | Ms=5.2 | 14.0 | 1.40 | | | |
| | | | LE | | 14.0 | 1.90 | | | |
| KMI | 34.0 | 315 | +P | 05 22 08.5 | -0.1 | | | | |
| | | | S | 05 27 32.0 | 5.5 | | | | |
| | | | SMN | m _B =5.2 | 8.0 | 0.40 | | | |
| | | | LN | Ms=4.8 | 14.0 | 0.82 | | | |
| XAN | 36.8 | 332 | cP | 05 22 31.4 | -1.3 | | | | |
| CD2 | 37.2 | 323 | cP | 05 22 35.2 | -0.4 | | | | |
| | | | cS | 05 28 09.0 | -8.0 | | | | |
| TIY | 38.5 | 339 | cP | 05 22 46.5 | -0.5 | | | | |
| | | | S | 05 28 36.5 | -0.2 | | | | |
| | | | SME | m _B =5.5 | 6.0 | 0.50 | | | |
| | | | LE | Ms=4.6 | 13.0 | 0.42 | | | |
| BJI | 39.5 | 345 | cP | 05 22 54.5 | -0.6 | | | | |
| | | | cS | 05 28 50.0 | -2.4 | | | | |
| | | | LE | Ms=4.6 | 28.0 | 0.82 | | | |
| SNY | 39.9 | 354 | cP | 05 23 00.4 | 2.1 | | | | |

| | | | | | | | | | |
|---------------------------------------|------|-----|-----|---------------------|------|-------|--|--|--|
| LZH | 41.0 | 329 | cP | 05 23 07.5 | 0.2 | | | | |
| CN2 | 41.7 | 356 | cP | 05 23 13.0 | -0.2 | | | | |
| MDJ | 42.4 | 1 | cP | 05 23 18.9 | -0.2 | | | | |
| LSA | 45.0 | 311 | cP | 05 23 40.0 | -0.6 | | | | |
| GTA | 45.6 | 328 | P | 05 23 43.5 | -1.0 | | | | |
| | | | S | 05 30 21.0 | 1.0 | | | | |
| | | | SME | m _B =5.3 | 7.0 | 0.34 | | | |
| | | | LN | Ms=4.7 | 25.0 | 0.73 | | | |
| WMQ | 55.2 | 325 | cP | 05 24 56.7 | -1.4 | | | | |
| 1986 12 27 | | | | | | | | | |
| O=06 48 03.1 ± 0.09s | | | | | | | | | |
| LAT=36.02 N ± 1.01km | | | | | | | | | |
| LONG=116.57 E ± 0.75km | | | | | | | | | |
| DEPTH= 11 km ± 0.13km | | | | | | | | | |
| STATIONS USED = 8, STAND DEV = 2.93s | | | | | | | | | |
| M _L =2.9 / 7, | | | | | | | | | |
| TIA | 0.5 | 66 | -Pg | 06 48 12.0 | 0.1 | | | | |
| | | | Sg | 06 48 18.3 | -0.4 | | | | |
| | | | SMN | M _L =2.6 | 0.3 | 0.38 | | | |
| | | | SME | | 0.3 | 0.35 | | | |
| TIY | 3.7 | 298 | Pg | 06 49 08.3 | -0.8 | | | | |
| | | | Sg | 06 49 58.4 | -1.5 | | | | |
| | | | SMN | M _L =2.8 | 1.0 | 0.020 | | | |
| | | | SME | | 1.0 | 0.030 | | | |
| BJI | 4.0 | 356 | cPg | 06 49 15.5 | 1.2 | | | | |
| | | | Sg | 06 50 15.5 | 6.2 | | | | |
| | | | SMN | M _L =2.5 | 0.5 | 0.010 | | | |
| | | | SME | | 0.5 | 0.010 | | | |
| 1986 12 27 | | | | | | | | | |
| O=06 56 36.3 ± 0.27s | | | | | | | | | |
| LAT= 6.99 N ± 3.67km | | | | | | | | | |
| LONG= 94.17 E ± 2.42km | | | | | | | | | |
| DEPTH= 36 km ± 0.36km | | | | | | | | | |
| STATIONS USED = 27, STAND DEV = 2.91s | | | | | | | | | |
| Ms=5.1 / 3, | | | | | | | | | |
| QZN | 19.4 | 50 | cP | 07 01 09.0 | 6.8 | | | | |
| | | | S | 07 04 41.0 | 8.2 | | | | |
| | | | LN | Ms=5.2 | 13.0 | 4.60 | | | |
| | | | LE | | 14.0 | 1.60 | | | |
| KMI | 19.8 | 23 | cP | 07 01 09.5 | 2.3 | | | | |
| | | | PP | 07 01 29.0 | 3.5 | | | | |
| | | | cS | 07 04 46.0 | 2.4 | | | | |
| | | | sS | 07 05 00.0 | 4.3 | | | | |
| | | | LN | Ms=4.6 | 12.0 | 1.00 | | | |
| GYA | 22.7 | 30 | P | 07 01 40.6 | 3.8 | | | | |
| | | | S | 07 05 40.0 | 2.3 | | | | |
| CD2 | 25.4 | 19 | cP | 07 02 04.5 | 1.6 | | | | |
| | | | LE | Ms=5.1 | 12.0 | 1.98 | | | |

| | | | | | |
|-----|------|----|----|------------|------|
| XAN | 30.2 | 25 | cP | 07 02 40.4 | -5.5 |
| LZH | 30.3 | 16 | cP | 07 02 45.5 | -1.5 |
| GTA | 32.7 | 8 | P | 07 03 07.3 | -0.7 |
| BJI | 38.4 | 28 | cP | 07 03 59.0 | 2.7 |

| | | | | | |
|-----|------|-----|----|------------|-----------|
| QZH | 33.7 | 340 | cP | 15 53 35.5 | -0.1 |
| | | | iS | 15 58 46.0 | -7.2 |
| | | | LN | $M_s=4.7$ | 13.0 0.61 |
| GZH | 34.2 | 331 | P | 15 53 34.5 | -5.8 |
| | | | S | 15 58 52.0 | -8.8 |

1986 12 27

O=07 32 25.6 ± 0.12s
 LAT= 7.28 N ± 1.94km
 LONG= 94.24 E ± 1.98km
 DEPTH= 40 km ± 0.53km
 STATIONS USED = 24, STAND DEV = 1.84s

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| KMI | 19.5 | 24 | +P | 07 36 54.0 | 1.2 |
| | | | cS | 07 40 35.0 | 9.3 |
| | | | LN | $M_s=4.6$ | 14.0 1.23 |
| GYA | 22.4 | 30 | P | 07 37 23.6 | 0.8 |
| LSA | 22.5 | 353 | cP | 07 37 21.0 | -2.6 |
| CD2 | 25.1 | 20 | (P) | 07 37 47.8 | -1.2 |
| | | | cS | 07 42 08.0 | -0.7 |
| WHN | 29.8 | 37 | P | 07 38 33.0 | 1.3 |
| | | | LE | $M_s=4.9$ | 14.0 1.33 |
| XAN | 29.9 | 25 | cP | 07 38 31.4 | -0.7 |
| GTA | 32.4 | 8 | P | 07 38 52.1 | -2.2 |
| BJI | 38.1 | 28 | cP | 07 39 44.0 | 1.3 |

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| SSE | 38.7 | 347 | cP | 15 54 20.0 | 1.6 |
| | | | PMZ | | 1.0 0.040 |
| | | | S | 16 00 06.0 | -4.1 |
| | | | SME | $m_B=5.6$ | 12.0 1.51 |
| | | | SS | 16 02 53.0 | -1.5 |
| | | | ScS | 16 04 20.0 | 0.0 |
| | | | LN | $M_s=5.3$ | 25.0 1.33 |
| | | | LE | | 24.0 3.01 |

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| NJ2 | 40.2 | 344 | +P | 15 54 33.2 | 2.4 |
| | | | ScP | 16 00 15.5 | -0.9 |
| | | | iS | 16 00 31.5 | -1.9 |
| | | | SME | $m_B=6.0$ | 5.0 1.30 |
| WHN | 40.3 | 338 | +P | 15 54 32.5 | 1.1 |
| | | | ScP | 16 00 14.1 | -2.5 |
| | | | S | 16 00 30.0 | -3.4 |
| | | | SME | $m_B=5.8$ | 9.0 1.61 |
| | | | sS | 16 01 02.0 | 4.0 |
| | | | LN | $M_s=5.2$ | 17.0 1.99 |

1986 12 27

O=09 24 07.6 ± 0.09s
 LAT= 7.48 S ± 0.81km
 LONG= 128.66 E ± 1.33km
 DEPTH= 182 km ± 0.81km
 STATIONS USED = 24, STAND DEV = 1.08s

| | | | | | |
|-----|------|-----|-----|------------|------|
| NJ2 | 40.4 | 347 | -P | 09 31 30.8 | 1.0 |
| XAN | 45.3 | 337 | +P | 09 32 08.6 | -1.0 |
| LZH | 49.2 | 333 | P | 09 32 40.0 | 0.1 |
| GTA | 53.8 | 332 | +iP | 09 33 13.2 | -0.7 |

| | | | | | |
|-----|------|-----|-----|------------|----------|
| GYA | 40.5 | 326 | +P | 15 54 33.2 | 0.2 |
| | | | PP | 15 56 09.0 | -0.9 |
| | | | ScP | 16 00 17.0 | -0.3 |
| | | | S | 16 00 32.0 | -4.1 |
| | | | SMN | $m_B=5.7$ | 8.0 0.80 |
| | | | SME | | 8.0 0.90 |
| | | | ScS | 16 04 29.0 | -1.1 |

| | | | | | |
|-----|------|-----|-----|------------|----------|
| KMI | 41.8 | 320 | +iP | 15 54 45.0 | 0.7 |
| | | | PP | 15 56 26.0 | 1.8 |
| | | | S | 16 00 54.0 | -2.2 |
| | | | SMN | $m_B=5.8$ | 8.0 0.93 |
| | | | SME | | 8.0 0.73 |

1986 12 27

O=15 46 57.7 ± 0.13s
 LAT= 6.74 S ± 2.07km
 LONG= 130.81 E ± 1.64km
 DEPTH= 57 km ± 0.26km
 STATIONS USED = 80, STAND DEV = 1.24s

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| QZN | 32.9 | 321 | -iP | 15 53 29.8 | 0.7 |
| | | | S | 15 58 39.0 | -1.6 |
| | | | SMN | $m_B=5.7$ | 10.0 1.22 |
| | | | SME | | 9.0 0.95 |
| | | | eSS | 16 00 40.0 | -2.5 |
| | | | ScS | 16 03 49.0 | 0.8 |
| | | | LN | $M_s=4.9$ | 13.0 0.90 |

| | | | | | |
|-----|------|-----|-----|------------|-----------|
| TIA | 44.6 | 344 | cP | 15 55 07.1 | 0.4 |
| | | | S | 16 01 29.5 | -7.3 |
| | | | SMN | $m_B=5.8$ | 6.5 0.53 |
| | | | SME | | 8.5 0.91 |
| | | | SS | 16 04 53.0 | 2.3 |
| | | | LN | $M_s=5.1$ | 12.0 0.78 |

| | | | | | |
|-----|------|-----|-----|------------|------|
| CD2 | 45.5 | 327 | (P) | 15 55 13.0 | -1.0 |
| | | | S | 16 01 44.0 | -5.8 |
| XAN | 45.5 | 334 | +P | 15 55 13.7 | -0.5 |
| | | | ScP | 16 00 36.2 | -1.5 |
| | | | S | 16 01 44.0 | -6.2 |
| DL2 | 46.2 | 350 | cP | 15 55 19.0 | -0.4 |
| | | | S | 16 01 56.0 | -3.5 |
| TIY | 47.4 | 340 | cP | 15 55 29.0 | -0.1 |
| | | | S | 16 02 14.0 | -2.9 |

| | | | | | | | |
|-----|------|-----|------|------------|------|------|--|
| TIA | 28.9 | 310 | +P | 18 24 23.3 | 0.2 | | |
| | | | epP | 18 25 40.0 | -0.4 | | |
| | | | PcS | 18 31 05.5 | 5.6 | | |
| GZH | 29.1 | 282 | +iP | 18 24 26.0 | 1.3 | | |
| WHN | 29.1 | 297 | +iP | 18 24 25.0 | 0.1 | | |
| | | | eS | 18 28 42.6 | -2.8 | | |
| | | | ScP | 18 30 18.5 | 0.5 | | |
| | | | PcS | 18 31 07.0 | 6.4 | | |
| BJI | 31.4 | 316 | -iP | 18 24 44.5 | -0.2 | | |
| | | | cPcP | 18 27 26.0 | 0.4 | | |
| | | | ScP | 18 30 26.0 | 0.5 | | |
| | | | eS | 18 29 11.5 | -9.5 | | |
| QZN | 32.6 | 274 | -iP | 18 24 56.6 | 1.6 | | |
| | | | eS | 18 29 39.0 | -0.8 | | |
| | | | eSS | 18 32 19.5 | -1.7 | | |
| TIY | 32.9 | 309 | cP | 18 24 57.8 | 0.0 | | |
| | | | PMZ | $m_B=5.4$ | 4.0 | 0.64 | |
| | | | pP | 18 26 21.0 | 3.2 | | |
| | | | esP | 18 27 08.0 | 0.5 | | |
| | | | S | 18 29 41.5 | -2.3 | | |
| | | | sS | 18 32 10.0 | 2.9 | | |
| HHC | 34.9 | 314 | +iP | 18 25 15.0 | 0.8 | | |
| GYA | 35.2 | 288 | -P | 18 25 18.0 | 0.7 | | |
| | | | pP | 18 26 38.0 | -0.2 | | |
| | | | S | 18 30 19.0 | 0.1 | | |
| | | | ScP | 18 30 40.4 | 1.5 | | |
| | | | ScS | 18 34 47.0 | 3.3 | | |
| BTO | 35.8 | 313 | -iP | 18 25 22.5 | 0.3 | | |
| CD2 | 38.2 | 295 | P | 18 25 40.8 | -0.5 | | |
| | | | PMZ | | 1.2 | 0.35 | |
| KMI | 38.8 | 286 | -P | 18 25 47.5 | 1.0 | | |
| | | | PMZ | | 3.0 | 0.71 | |
| | | | PcP | 18 27 50.0 | 2.6 | | |
| | | | S | 18 31 13.0 | 1.6 | | |
| | | | SMN | $m_B=5.7$ | 7.0 | 2.00 | |
| LZH | 39.0 | 303 | -iP | 18 25 49.0 | 0.8 | | |
| GTA | 42.9 | 307 | -iP | 18 26 20.0 | 0.6 | | |
| | | | PMZ | | 2.0 | 0.64 | |
| | | | PcP | 18 28 01.6 | 0.7 | | |
| | | | PP | 18 28 10.2 | 3.1 | | |
| | | | ScP | 18 31 09.0 | 0.8 | | |
| | | | S | 18 32 11.7 | 1.0 | | |
| | | | ScS | 18 35 29.6 | 1.1 | | |
| LSA | 49.0 | 292 | -iP | 18 27 07.2 | 0.0 | | |
| KSH | 61.2 | 305 | -iP | 18 28 33.0 | 0.3 | | |

1986 12 28
 O = 02 00 36.0 ± 0.14s
 LAT = 45.79 N ± 4.42km
 LONG = 150.85 E ± 3.08km

DEPTH = 59 km ± 1.82km
 STATIONS USED = 25, STAND DEV = 2.86s

| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| MDJ | 15.0 | 273 | cP | 02 04 08.7 | 2.2 | | |
| BJI | 25.9 | 270 | cP | 02 06 03.0 | -1.5 | | |
| TIA | 27.0 | 261 | cP | 02 06 16.4 | 1.5 | | |
| TIY | 29.5 | 268 | cP | 02 06 36.6 | -1.0 | | |
| XAN | 33.9 | 265 | cP | 02 07 13.6 | -1.9 | | |
| GTA | 37.6 | 279 | P | 02 07 45.1 | -1.8 | | |
| GYA | 40.0 | 257 | P | 02 08 05.6 | -1.3 | | |

1986 12 28
 O = 10 15 22.3 ± 0.13s
 LAT = 25.26 N ± 1.20km
 LONG = 99.96 E ± 1.26km
 DEPTH = 8 km ± 0.47km
 STATIONS USED = 10, STAND DEV = 3.05s

$M_L=3.5/6,$

| | | | | | | | |
|-----|-----|----|-----|------------|------|-------|--|
| KMI | 2.5 | 93 | -Pg | 10 16 06.5 | -0.6 | | |
| | | | Sn | 10 16 28.0 | -8.7 | | |
| | | | SMN | $M_L=3.5$ | 1.0 | 0.22 | |
| | | | SME | | 1.5 | 0.26 | |
| GYA | 6.2 | 77 | Pn | 10 16 55.2 | 1.2 | | |
| CD2 | 6.5 | 30 | Pg | 10 17 22.5 | 4.5 | | |
| | | | S* | 10 18 32.6 | -0.2 | | |
| | | | SME | $M_L=3.6$ | 1.3 | 0.030 | |

1986 12 28
 O = 11 47 32.7 ± 0.08s
 LAT = 18.98 S ± 1.17km
 LONG = 168.63 E ± 1.77km
 DEPTH = 57 km ± 0.33km
 STATIONS USED = 17, STAND DEV = 1.59s

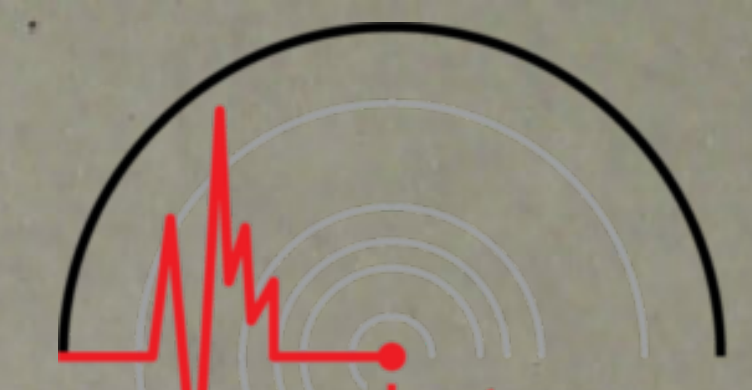
| | | | | | | | |
|-----|------|-----|----|------------|------|--|--|
| MDJ | 72.6 | 332 | cP | 11 58 57.7 | 1.0 | | |
| CN2 | 73.9 | 329 | cP | 11 59 04.0 | -0.4 | | |
| GTA | 86.5 | 314 | cP | 12 00 12.0 | 0.2 | | |

1986 12 28
 O = 19 56 09.8 ± 0.56s
 LAT = 21.87 N ± 4.80km
 LONG = 119.09 E ± 3.26km
 DEPTH = 20 km ± 0.48km
 STATIONS USED = 11, STAND DEV = 2.45s

$M_L=3.7/6,$

| | | | | | | | |
|-----|------|-----|-----|------------|------|------|--|
| QZH | 3.1 | 352 | cPn | 19 57 00.7 | 2.6 | | |
| | | | Sn | 19 57 30.5 | -5.9 | | |
| | | | SMN | $M_L=3.5$ | 0.3 | 0.12 | |
| | | | SME | | 0.5 | 0.25 | |
| GZH | 5.4 | 284 | cPn | 19 57 32.0 | 1.6 | | |
| | | | cSn | 19 58 30.0 | -4.6 | | |
| GYA | 12.2 | 294 | cP | 19 59 05.0 | -1.2 | | |

| 1986 12 28 | | | | | | | | LZH | 78.1 | 21 | cP | 20 16 35.0 | -1.1 | | | | | | | | |
|-----------------|------------|---------------------------|--------|------------|------|----------------------|------|------|------|------|-----|------------|------------|----------------------|----------------------|------------|------|----------------------|------|------|--|
| O = | 20 04 34.2 | ± | 0.33s | | | | | NJ2 | 79.9 | 34 | -P | 20 16 48.2 | 2.7 | | | | | | | | |
| LAT = | 38.78 S | ± | 5.34km | | | | | | | | S | 20 26 45.0 | -1.6 | | | | | | | | |
| LONG = | 78.41 E | ± | 5.25km | | | | | | | | LN | | | Ms = 6.2 | 12.0 | 3.80 | | | | | |
| DEPTH = | 10 km | ± | 0.56km | | | | | SSE | 80.1 | 36 | cP | 20 16 48.7 | 1.9 | | | | | | | | |
| STATIONS USED = | 66, | STAND DEV = | 2.57s | | | | | | | | PMZ | | | m _B = 6.1 | 6.0 | 1.28 | | | | | |
| Ms = 6.2 / 33, | | m _B = 6.2 / 21 | | | | | | | | | sP | 20 16 54.5 | -0.3 | | | | | | | | |
| QZN | 64.6 | 33 | -P | 20 15 20.0 | 5.2 | | | | | | | PP | 20 19 52.0 | 2.5 | | | | | | | |
| | | | S | 20 23 54.0 | 1.9 | | | | | | | cS | 20 26 53.0 | 2.3 | | | | | | | |
| | | | SMN | | | 16.0 | 2.03 | | | | | | | SKS | 20 27 03.0 | 4.6 | | | | | |
| | | | SME | | | 16.0 | 3.20 | | | | | | | cSS | 20 32 06.0 | 3.7 | | | | | |
| | | | SS | 20 28 05.0 | 0.6 | | | | | | | LN | | | Ms = 5.9 | 15.0 | 2.44 | | | | |
| | | | LN | | | Ms = 6.3 | 23.0 | 10.3 | GTA | 80.2 | 17 | P | 20 16 48.2 | 0.5 | | | | | | | |
| | | | LE | | | | 19.0 | 8.90 | | | | PMZ | | | m _B = 6.1 | 5.5 | 1.18 | | | | |
| KMI | 67.5 | 24 | -P | 20 15 34.0 | 0.3 | | | | | | | S | 20 26 55.0 | 4.6 | | | | | | | |
| | | | PMZ | | | m _B = 6.0 | 5.0 | 1.03 | | | | SME | | | | 22.0 | 2.09 | | | | |
| | | | S | 20 24 34.0 | 6.5 | | | | | | | SS | 20 32 06.0 | 1.8 | | | | | | | |
| | | | SME | | | m _B = 6.2 | 10.0 | 2.10 | | | | LN | | | Ms = 5.9 | 14.0 | 2.56 | | | | |
| | | | LE | | | Ms = 6.4 | 18.0 | 11.9 | TIY | 82.3 | 27 | c(P) | 20 16 56.8 | -1.6 | | | | | | | |
| LSA | 69.1 | 12 | cP | 20 15 40.4 | -3.7 | | | | | | | S | 20 27 02.5 | -9.2 | | | | | | | |
| GZH | 69.7 | 34 | +iP | 20 15 49.0 | 2.1 | | | | | | | sS | 20 27 22.0 | -0.3 | | | | | | | |
| | | | PMZ | | | m _B = 6.3 | 5.0 | 1.99 | | | | LN | | | Ms = 6.5 | 23.5 | 9.02 | | | | |
| | | | S | 20 24 50.0 | -3.4 | | | | | | | LE | | | | 26.5 | 15.4 | | | | |
| | | | SMN | | | m _B = 6.3 | 9.0 | 1.17 | WMQ | 82.6 | 7 | +P | 20 16 58.5 | -1.7 | | | | | | | |
| | | | SME | | | | 12.0 | 2.96 | | | | SKS | 20 27 12.0 | -4.1 | | | | | | | |
| | | | LN | | | Ms = 6.2 | 14.0 | 5.30 | | | | ScS | 20 27 21.3 | -7.1 | | | | | | | |
| | | | LE | | | | 12.0 | 2.37 | | | | LN | | | Ms = 6.4 | 23.0 | 13.1 | | | | |
| GYA | 70.1 | 27 | cP | 20 15 48.6 | -0.7 | | | | | | | TIA | 82.7 | 31 | cP | 20 17 01.0 | 0.4 | | | | |
| | | | S | 20 24 49.0 | -8.8 | | | | | | | | | | S | 20 27 24.0 | 7.9 | | | | |
| | | | ScS | 20 25 52.0 | 5.0 | | | | | | | | | | SMN | | | m _B = 6.4 | 9.0 | 1.39 | |
| | | | LN | | | Ms = 6.3 | 18.0 | 4.60 | | | | SME | | | | 10.0 | 2.28 | | | | |
| | | | LE | | | | 18.0 | 8.60 | | | | LN | | | Ms = 6.1 | 11.0 | 2.20 | | | | |
| CD2 | 73.2 | 23 | cP | 20 16 05.5 | -2.8 | | | | | | | | | | LE | | | 14.0 | 2.16 | | |
| | | | LE | | | Ms = 6.3 | 22.0 | 10.9 | BTO | 84.1 | 24 | cP | 20 17 06.6 | -1.1 | | | | | | | |
| QZH | 73.7 | 38 | P | 20 16 09.5 | -1.4 | | | | | | | | | | PMZ | | | m _B = 6.2 | 6.0 | 1.30 | |
| | | | S | 20 25 48.0 | 8.5 | | | | | | | | | | PP | 20 20 15.0 | -7.4 | | | | |
| | | | SME | | | m _B = 6.0 | 12.0 | 1.54 | | | | | | SMN | | | | m _B = 6.3 | 8.0 | 1.40 | |
| | | | LN | | | Ms = 6.2 | 18.0 | 4.79 | | | | | | SME | | | | | 8.0 | 1.30 | |
| | | | LE | | | | 18.0 | 5.36 | | | | | | ScS | 20 27 33.5 | -7.0 | | | | | |
| WHN | 76.7 | 31 | P | 20 16 31.0 | 3.1 | | | | | | | | | | LN | | | Ms = 6.2 | 18.0 | 4.80 | |
| | | | S | 20 26 16.5 | 4.2 | | | | | | | | | | LE | | | | 12.0 | 1.40 | |
| | | | SME | | | m _B = 6.3 | 11.0 | 2.46 | HHC | 84.8 | 25 | P | 20 17 10.0 | -1.3 | | | | | | | |
| | | | SKS | 20 26 24.0 | -9.6 | | | | | | | | | | cS | 20 27 41.0 | 2.1 | | | | |
| | | | LE | | | Ms = 6.3 | 18.0 | 7.80 | | | | | | LN | | | | Ms = 6.4 | 20.0 | 5.49 | |
| XAN | 77.8 | 26 | cP | 20 16 31.6 | -2.5 | | | | | | | | | | LE | | | | 20.0 | 7.94 | |
| KSH | 77.9 | 358 | cP | 20 16 38.0 | 3.2 | | | | | | | | | | | | | | | | |
| | | | S | 20 26 32.0 | 6.6 | | | | | | | | | | | | | | | | |
| | | | cSKS | 20 26 44.0 | 1.6 | | | | | | | | | | | | | | | | |
| | | | LN | | | Ms = 6.6 | 18.0 | 15.3 | BJI | 85.7 | 28 | cP | 20 17 14.0 | -1.6 | | | | | | | |
| | | | | | | | | | | | | | | | PMZ | | | m _B = 5.9 | 5.0 | 0.52 | |
| | | | | | | | | | | | | | | | cS | 20 27 40.0 | -7.2 | | | | |
| | | | | | | | | | | | | | | | cSS | 20 33 29.0 | 3.6 | | | | |



| | | | | | | | | | | | | | | |
|------------|-------|-----|---------------------|-------------|------------|-------------------|------|------|-----|---|------------|-----|--|--|
| | | | SMN | $m_B = 5.9$ | 12.0 | 1.12 | GYA | 37.6 | 251 | P | 22 12 46.0 | 0.5 | | |
| | | | SME | | 12.0 | 0.92 | | | | | | | | |
| | | | LE | $M_s = 6.1$ | 20.0 | 5.04 | | | | | | | | |
| DL2 | 86.9 | 32 | P | | 20 17 25.0 | 3.7 | | | | | | | | |
| | | | cSKS | | 20 27 47.7 | 3.1 | | | | | | | | |
| | | | S | | 20 27 52.0 | -4.8 | | | | | | | | |
| | | | LN | $M_s = 6.4$ | 24.0 | 5.15 | | | | | | | | |
| | | | LE | | 24.0 | 10.8 | | | | | | | | |
| SNY | 90.1 | 32 | -iP | | 20 17 41.1 | 4.2 | | | | | | | | |
| | | | SKS | | 20 28 08.0 | 3.1 | | | | | | | | |
| | | | S | | 20 28 26.0 | -1.1 | | | | | | | | |
| | | | SME | | | 27.0 | 3.04 | | | | | | | |
| | | | LN | $M_s = 6.5$ | 32.0 | 11.9 | | | | | | | | |
| | | | LE | | 32.0 | 14.9 | | | | | | | | |
| CN2 | 92.5 | 32 | cP | | 20 17 52.5 | 4.5 | | | | | | | | |
| | | | PMZ | $m_B = 6.0$ | 5.0 | 0.40 | | | | | | | | |
| | | | cPP | | 20 21 34.0 | 3.1 | | | | | | | | |
| | | | cSKS | | 20 28 22.0 | 3.2 | | | | | | | | |
| | | | cS | | 20 28 48.0 | -2.2 | | | | | | | | |
| MDJ | 95.0 | 34 | +iP | | 20 17 55.0 | -4.1 | | | | | | | | |
| 1986 12 28 | | | | | | | | | | | | | | |
| | | | O=20 35 42.3 | | | $\pm 0.37s$ | | | | | | | | |
| | | | LAT=23.83 S | | | $\pm 3.75km$ | | | | | | | | |
| | | | LONG=66.77 W | | | $\pm 2.05km$ | | | | | | | | |
| | | | DEPTH=183 km | | | $\pm 2.73km$ | | | | | | | | |
| | | | STATIONS USED = 37, | | | STAND DEV = 2.99s | | | | | | | | |
| KSH | 144.9 | 55 | cPKP | | 20 54 59.5 | 0.8 | | | | | | | | |
| WMQ | 151.1 | 40 | PKP | | 20 55 15.0 | 6.5 | | | | | | | | |
| CN2 | 157.7 | 336 | +PKP | | 20 55 16.6 | -0.9 | | | | | | | | |
| LSA | 159.4 | 69 | -PKP | | 20 55 20.0 | -0.1 | | | | | | | | |
| GTA | 160.8 | 33 | -iPKP | | 20 55 21.1 | 0.0 | | | | | | | | |
| BJI | 163.6 | 352 | PKP | | 20 55 23.5 | -0.4 | | | | | | | | |
| TIY | 166.1 | 3 | cPKP | | 20 55 26.0 | -0.2 | | | | | | | | |
| TIA | 167.2 | 346 | cPKP | | 20 55 26.7 | -0.2 | | | | | | | | |
| XAN | 169.1 | 19 | -PKP | | 20 55 28.3 | 0.1 | | | | | | | | |
| GYA | 173.5 | 65 | PKP | | 20 55 20.6 | -9.9 | | | | | | | | |
| | | | PP | | 21 00 54.6 | 0.5 | | | | | | | | |
| 1986 12 28 | | | | | | | | | | | | | | |
| | | | O=22 06 01.4 | | | $\pm 0.11s$ | | | | | | | | |
| | | | LAT=47.10 N | | | $\pm 3.44km$ | | | | | | | | |
| | | | LONG=44.76 E | | | $\pm 2.53km$ | | | | | | | | |
| | | | DEPTH=351 km | | | $\pm 2.33km$ | | | | | | | | |
| | | | STATIONS USED = 22, | | | STAND DEV = 2.44s | | | | | | | | |
| MDJ | 12.2 | 265 | cP | | 22 08 47.8 | 0.7 | | | | | | | | |
| CN2 | 15.3 | 265 | -P | | 22 09 20.0 | -1.9 | | | | | | | | |
| SNY | 17.3 | 261 | cP | | 22 09 43.4 | 0.4 | | | | | | | | |
| BJI | 23.2 | 263 | cP | | 22 10 41.0 | 1.4 | | | | | | | | |
| GTA | 34.6 | 275 | -iP | | 22 12 21.7 | 1.3 | | | | | | | | |
| 1986 12 29 | | | | | | | | | | | | | | |
| | | | O=12 01 16.7 | | | $\pm 0.17s$ | | | | | | | | |
| | | | LAT=22.43 N | | | $\pm 2.19km$ | | | | | | | | |
| | | | LONG=118.79 E | | | $\pm 2.06km$ | | | | | | | | |
| | | | DEPTH=15 km | | | $\pm 0.72km$ | | | | | | | | |
| | | | STATIONS USED = 35, | | | STAND DEV = 2.46s | | | | | | | | |
| | | | $M_s = 4.3 / 6,$ | | | $M_L = 4.5 / 3,$ | | | | | | | | |
| QZH | 2.5 | 356 | Pn | | 12 01 57.0 | -0.3 | | | | | | | | |
| | | | Sn | | 12 02 31.0 | 1.5 | | | | | | | | |
| | | | SMN | | | $M_L = 4.4$ | 0.3 | 1.44 | | | | | | |
| | | | SME | | | | 0.7 | 3.11 | | | | | | |
| GZH | 5.1 | 278 | -iPn | | 12 02 32.4 | -0.2 | | | | | | | | |
| | | | Sn | | 12 03 37.0 | 4.0 | | | | | | | | |
| SSE | 8.9 | 13 | cP | | 12 03 29.4 | 1.6 | | | | | | | | |
| | | | LG ₁ | | 12 05 57.2 | 1.3 | | | | | | | | |
| | | | LC | | 12 06 15.2 | 5.2 | | | | | | | | |
| | | | LN | | | | 1.1 | 0.12 | | | | | | |
| | | | LE | | | | 1.0 | 0.12 | | | | | | |
| WHN | 9.0 | 335 | cP | | 12 03 29.5 | 0.1 | | | | | | | | |
| | | | cS | | 12 05 11.0 | -0.4 | | | | | | | | |
| | | | LG ₁ | | 12 05 54.0 | -5.5 | | | | | | | | |
| | | | LE | | | $M_s = 4.3$ | 9.0 | 1.61 | | | | | | |
| QZN | 9.0 | 250 | cP | | 12 03 37.8 | 8.0 | | | | | | | | |
| | | | cS | | 12 05 06.5 | -5.7 | | | | | | | | |
| | | | LG ₁ | | 12 06 04.2 | 3.8 | | | | | | | | |
| | | | LN | | | $M_s = 3.8$ | 11.0 | 0.60 | | | | | | |
| NJ2 | 9.6 | 0 | -P | | 12 03 38.4 | 1.0 | | | | | | | | |
| | | | LN | | | | 1.0 | 0.60 | | | | | | |
| GYA | 11.8 | 292 | P | | 12 04 05.4 | -1.9 | | | | | | | | |
| | | | pP | | 12 04 09.0 | -3.2 | | | | | | | | |
| | | | sP | | 12 04 12.0 | -3.7 | | | | | | | | |
| | | | PP | | 12 04 14.8 | -1.5 | | | | | | | | |
| | | | S | | 12 06 15.8 | -2.9 | | | | | | | | |
| | | | LN | | | $M_s = 4.6$ | 6.0 | 1.20 | | | | | | |
| CD2 | 15.9 | 305 | P | | 12 05 05.0 | 3.6 | | | | | | | | |
| TIY | 16.2 | 342 | c(P) | | 12 05 09.0 | 3.4 | | | | | | | | |
| | | | cLG ₁ | | 12 09 44.0 | -1.1 | | | | | | | | |
| | | | LG ₂ | | 12 10 04.0 | -6.8 | | | | | | | | |
| | | | LN | | | $M_s = 4.3$ | 8.0 | 0.50 | | | | | | |
| BJI | 17.7 | 353 | cP | | 12 05 25.5 | 1.0 | | | | | | | | |
| GTA | 23.4 | 321 | cP | | 12 06 26.2 | -0.2 | | | | | | | | |
| 1986 12 29 | | | | | | | | | | | | | | |
| | | | O=12 53 01.6 | | | $\pm 0.18s$ | | | | | | | | |
| | | | LAT=28.15 S | | | $\pm 3.23km$ | | | | | | | | |
| | | | LONG=63.07 W | | | $\pm 1.81km$ | | | | | | | | |
| | | | DEPTH=592 km | | | $\pm 1.83km$ | | | | | | | | |
| | | | STATIONS USED = 25, | | | STAND DEV = 2.31s | | | | | | | | |

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|--|-------|-----|------|---------------------------------|------|------|------|
| KSH | 144.4 | 61 | -PKP | 13 11 32.0 | -0.5 | | |
| WMQ | 151.8 | 49 | PKP | 13 11 50.6 | 6.4 | | |
| LSA | 157.4 | 80 | ePKP | 13 11 51.2 | -0.9 | | |
| GTA | 161.9 | 47 | -PKP | 13 11 56.4 | -0.3 | | |
| 1986 12 29 | | | | | | | |
| O = 15 49 58.5 | | | | $\pm 0.09s$ | | | |
| LAT = 15.30 N | | | | $\pm 1.39km$ | | | |
| LONG = 119.97 E | | | | $\pm 1.69km$ | | | |
| DEPTH = 53 km | | | | $\pm 0.46km$ | | | |
| STATIONS USED = 95, STAND DEV = 1.52s | | | | | | | |
| Ms = 5.5 / 42, | | | | m_B = 6.0 / 19 | | | |
| QZH | 9.7 | 353 | +iP | 15 52 18.0 | 0.0 | | |
| | | | sP | 15 52 32.0 | -2.0 | | |
| | | | eS | 15 54 08.0 | 2.6 | | |
| | | | SME | m _B = 5.4 | 6.0 | 2.60 | |
| | | | LN | Ms = 5.1 | 17.0 | 15.9 | |
| GZH | 10.0 | 322 | -P | 15 52 18.0 | -3.8 | | |
| | | | S | 15 54 18.0 | 6.1 | | |
| | | | LN | Ms = 5.5 | 16.0 | 26.1 | |
| | | | LE | | 16.0 | 25.7 | |
| QZN | 10.4 | 292 | eP | 15 52 22.6 | -4.8 | | |
| | | | S | 15 54 19.0 | -2.9 | | |
| | | | LN | Ms = 5.3 | 15.0 | 11.8 | |
| | | | LE | | 18.0 | 20.5 | |
| SSE | 15.8 | 4 | +iP | 15 53 41.5 | 2.8 | | |
| | | | PMZ | | | 1.5 | 0.43 |
| | | | pP | 15 53 50.0 | 1.7 | | |
| | | | sP | 15 53 57.0 | 1.9 | | |
| | | | S | 15 56 36.0 | 5.5 | | |
| | | | sS | 15 56 48.0 | 1.0 | | |
| | | | SS | 15 56 55.0 | 5.1 | | |
| | | | PcP | 15 58 41.0 | 4.8 | | |
| | | | LN | Ms = 5.2 | 16.0 | 4.73 | |
| | | | LE | | 16.0 | 5.63 | |
| WHN | 16.0 | 342 | eP | 15 53 42.0 | -0.1 | | |
| | | | PMZ | m _B = 5.9 | 4.0 | 2.26 | |
| | | | sP | 15 53 58.0 | -0.5 | | |
| | | | S | 15 56 40.0 | 3.4 | | |
| | | | SMN | m _B = 5.8 | 10.0 | 4.44 | |
| | | | LE | Ms = 5.4 | 7.0 | 5.38 | |
| GYA | 16.7 | 314 | -P | 15 53 50.5 | 0.4 | | |
| | | | sP | 15 54 04.0 | -2.5 | | |
| | | | S | 15 56 50.0 | -1.1 | | |
| | | | LN | Ms = 5.5 | 16.0 | 12.7 | |
| | | | LE | | 16.0 | 10.4 | |
| NJ2 | 16.7 | 357 | +P | 15 53 52.5 | 1.9 | | |
| | | | LN | Ms = 5.5 | 12.5 | 11.7 | |
| KMI | 18.9 | 304 | -P | 15 54 19.0 | 1.5 | | |
| | | | pP | 15 54 28.5 | 1.0 | | |

| | | | | | | | |
|-----|------|-----|-----|----------------------|------|------|------|
| | | | PP | 15 54 38.0 | 4.4 | | |
| | | | S | 15 57 48.0 | 6.8 | | |
| TIA | 21.0 | 354 | +P | 15 54 40.3 | 0.5 | | |
| | | | sP | 15 54 56.0 | -1.8 | | |
| | | | S | 15 58 34.2 | 9.8 | | |
| | | | SMN | m _B = 6.2 | 9.5 | 7.09 | |
| | | | LN | Ms = 5.6 | 17.0 | 12.7 | |
| | | | LE | | 14.3 | 4.67 | |
| XAN | 21.2 | 334 | +iP | 15 54 41.8 | 0.2 | | |
| CD2 | 21.5 | 319 | +iP | 15 54 44.9 | -0.1 | | |
| | | | S | 15 58 40.0 | 6.0 | | |
| | | | LN | Ms = 5.7 | 20.0 | 19.9 | |
| TIY | 23.3 | 345 | +iP | 15 55 04.0 | 1.2 | | |
| | | | PMZ | | | 1.3 | 0.61 |
| | | | S | 15 59 16.5 | 9.9 | | |
| | | | SMN | m _B = 6.1 | 8.5 | 3.78 | |
| | | | SME | | 7.0 | 2.25 | |
| | | | LN | Ms = 5.5 | 15.0 | 7.02 | |
| | | | LE | | 14.0 | 2.42 | |
| DL2 | 23.6 | 3 | +iP | 15 55 06.0 | 0.8 | | |
| | | | PMZ | m _B = 5.9 | 5.0 | 3.04 | |
| | | | S | 15 59 19.0 | 7.9 | | |
| | | | SMN | m _B = 6.3 | 10.0 | 8.12 | |
| | | | LN | Ms = 5.5 | 16.0 | 8.44 | |
| BJI | 24.9 | 353 | +iP | 15 55 18.0 | 0.1 | | |
| | | | PMZ | m _B = 5.7 | 6.0 | 2.04 | |
| | | | eS | 15 59 36.0 | 1.7 | | |
| | | | SMN | m _B = 6.0 | 11.0 | 2.98 | |
| | | | SME | | 8.0 | 2.28 | |
| | | | LN | Ms = 5.5 | 17.0 | 8.04 | |
| LZH | 25.2 | 328 | +iP | 15 55 22.5 | 1.0 | | |
| | | | S | 15 59 42.0 | 2.6 | | |
| HHC | 26.5 | 346 | +iP | 15 55 33.0 | -0.2 | | |
| SNY | 26.6 | 6 | +iP | 15 55 33.7 | -0.5 | | |
| | | | PMZ | m _B = 6.0 | 5.0 | 1.75 | |
| | | | sP | 15 55 52.0 | -0.6 | | |
| | | | S | 15 59 58.0 | -4.3 | | |
| | | | SMN | | 16.0 | 4.41 | |
| | | | SME | | 12.0 | 1.80 | |
| | | | LN | Ms = 5.6 | 18.0 | 9.68 | |
| | | | LE | | 18.0 | 4.80 | |
| BTO | 26.7 | 343 | +iP | 15 55 34.0 | -0.7 | | |
| | | | pP | 15 55 46.0 | -1.1 | | |
| | | | ePP | 15 56 19.0 | -0.3 | | |
| | | | S | 16 00 03.0 | 0.1 | | |
| | | | sS | 16 00 29.0 | 3.5 | | |
| | | | LN | Ms = 5.5 | 15.0 | 4.30 | |
| | | | LE | | 14.0 | 4.60 | |
| CN2 | 28.8 | 8 | +iP | 15 55 52.0 | -1.9 | | |
| | | | PMZ | m _B = 5.8 | 5.0 | 0.90 | |

| | | | | | | | | | | | | |
|--|------|-----|-----------------|-------------|------|-------------|------|------|----------|-------------|------------|------|
| | | | pP | 15 56 04.0 | -2.5 | | | | SMN | $m_B = 4.7$ | 7.0 | 0.6 |
| | | | sP | 15 56 09.0 | -3.3 | | | | SME | | 5.0 | 0.63 |
| | | | eS | 16 00 34.0 | -4.0 | | | CN2 | 12.7 319 | -iP | 19 46 06.0 | 0.0 |
| GTA | 29.8 | 328 | +iP | 15 56 02.8 | -0.4 | | | | PMZ | | 3.0 | 0.40 |
| | | | pP | 15 56 16.1 | 0.3 | | | | esP | 19 47 20.0 | -1.3 | |
| | | | PcP | 15 59 05.7 | 1.0 | | | | iS | 19 48 23.0 | 0.4 | |
| | | | S | 16 00 55.5 | 1.9 | | | | SMN | $m_B = 4.7$ | 6.0 | 0.70 |
| | | | SME | | | 16.0 | 10.2 | | SME | | 6.0 | 0.70 |
| | | | sS | 16 01 16.0 | -0.6 | | | DL2 | 12.9 294 | eP | 19 46 09.0 | 0.5 |
| | | | SS | 16 02 34.0 | 2.3 | | | | eS | 19 48 34.0 | 7.0 | |
| | | | LE | $M_s = 5.8$ | | 16.0 | 10.2 | SSE | 13.6 259 | eP | 19 46 15.7 | -0.9 |
| LSA | 30.1 | 303 | +iP | 15 56 05.4 | -1.0 | | | | S | 19 48 44.0 | 2.2 | |
| | | | PP | 15 57 03.0 | -1.6 | | | | SME | | 14.0 | 0.58 |
| | | | S | 16 01 00.0 | 1.4 | | | NJ2 | 15.3 265 | +P | 19 46 33.5 | -1.2 |
| | | | sS | 16 01 17.0 | -4.6 | | | TIA | 16.2 281 | -P | 19 46 44.5 | 0.1 |
| MDJ | 30.3 | 14 | -iP | 15 56 08.5 | 0.8 | | | BJI | 17.3 294 | eP | 19 46 54.5 | -1.7 |
| | | | pP | 15 56 20.5 | 0.0 | | | WHN | 19.4 264 | -iP | 19 47 18.5 | 1.4 |
| | | | sP | 15 56 26.0 | -0.3 | | | TIY | 20.0 286 | +P | 19 47 23.2 | 0.5 |
| | | | S | 16 01 03.0 | 1.2 | | | | S | 19 50 47.0 | 3.9 | |
| | | | sS | 16 01 22.0 | -2.8 | | | | SME | $m_B = 4.2$ | 9.0 | 0.34 |
| WMQ | 39.5 | 323 | +P | 15 57 26.1 | -0.1 | | | HHC | 20.9 295 | -iP | 19 47 34.0 | 1.8 |
| | | | PMZ | | | 2.0 | 0.36 | BTO | 22.0 294 | -P | 19 47 44.0 | 1.0 |
| | | | pP | 15 57 39.3 | 0.2 | | | | esP | 19 49 16.0 | -4.1 | |
| | | | PP | 15 59 02.0 | 0.9 | | | | eS | 19 51 20.0 | -0.1 | |
| | | | PcP | 15 59 33.5 | 0.9 | | | XAN | 23.1 277 | -iP | 19 47 53.0 | 0.6 |
| | | | S | 16 03 21.5 | -1.8 | | | LZH | 26.9 283 | eP | 19 48 27.5 | 0.0 |
| | | | SMN | | | 2.0 | 0.12 | GYA | 27.2 261 | P | 19 48 29.4 | -0.5 |
| | | | ScS | 16 07 31.8 | 5.7 | | | | S | 19 52 42.2 | -0.2 | |
| | | | LN | $M_s = 6.4$ | | 18.0 | 24.4 | | ScP | 19 54 48.6 | 1.6 | |
| | | | LE | | | 18.0 | 23.9 | CD2 | 28.0 272 | -iP | 19 48 36.6 | -0.7 |
| KSH | 45.3 | 311 | +iP | 15 58 15.0 | 1.6 | | | | PMZ | | 0.6 | 0.20 |
| | | | pP | 15 58 30.0 | 3.5 | | | GTA | 29.8 290 | -iP | 19 48 53.1 | -0.2 |
| | | | PP | 16 00 09.0 | 9.5 | | | | ScP | 19 54 55.8 | 0.4 | |
| | | | S | 16 04 55.0 | 7.0 | | | KMI | 30.9 262 | -P | 19 49 02.5 | -0.5 |
| | | | sS | 16 05 16.0 | 4.3 | | | WMQ | 38.7 299 | P | 19 50 09.4 | 1.2 |
| | | | LE | $M_s = 6.0$ | | 17.0 | 9.60 | LSA | 38.8 276 | eP | 19 50 09.5 | 0.4 |
| | | | | | | | | KSH | 48.0 295 | P | 19 51 24.5 | 1.8 |
| 1986 12 29 | | | | | | | | | | | | |
| O = 19 43 13.9 ± 0.05s | | | | | | | | | | | | |
| LAT = 34.61 N ± 0.96km | | | | | | | | | | | | |
| LONG = 136.86 E ± 0.98km | | | | | | | | | | | | |
| DEPTH = 336 km ± 0.56km | | | | | | | | | | | | |
| STATIONS USED = 68, STAND DEV = 0.95s | | | | | | | | | | | | |
| $m_B = 4.7 / 4$ | | | | | | | | | | | | |
| MDJ | 11.5 | 333 | -P | 19 45 52.2 | 1.7 | | | | | | | |
| | | | esP | 19 47 03.5 | -0.2 | | | | | | | |
| | | | S | 19 47 58.0 | 3.9 | | | | | | | |
| | | | SME | | | $m_B = 4.9$ | 6.0 | 1.78 | | | | |
| SNY | 12.7 | 309 | -iP | 19 46 06.0 | 0.7 | | | | | | | |
| | | | S | 19 48 26.0 | 5.1 | | | | | | | |
| 1986 12 29 | | | | | | | | | | | | |
| O = 22 24 46.3 ± 0.15s | | | | | | | | | | | | |
| LAT = 24.53 N ± 2.00km | | | | | | | | | | | | |
| LONG = 122.65 E ± 2.10km | | | | | | | | | | | | |
| DEPTH = 12 km ± 0.55km | | | | | | | | | | | | |
| STATIONS USED = 80, STAND DEV = 2.26s | | | | | | | | | | | | |
| $M_s = 5.0 / 28, M_L = 4.6 / 5, m_B = 5.0 / 2$ | | | | | | | | | | | | |
| QZH | 3.7 | 277 | cPn | 22 25 43.8 | 0.0 | | | | | | | |
| | | | Sn | 22 26 24.5 | -4.9 | | | | | | | |
| | | | LG ₂ | 22 26 45.0 | -3.6 | | | | | | | |
| | | | LN | $M_s = 4.5$ | | 9.0 | 7.33 | | | | | |
| | | | LE | | | 10.0 | 7.68 | | | | | |

| | | | | | | | | | | | | | |
|-----|------|-----|-----------------|------------|------|--------|------|------|---------------------|--------------------------|---------------------|------------|-----------|
| SSE | 6.7 | 349 | +iPn | 22 26 23.0 | -1.5 | | | | LE | Ms=4.7 | 18.0 | 2.00 | |
| | | | LG ₁ | 22 28 14.3 | -1.4 | | | | LZH | 19.9 310 P | 22 29 22.5 | 1.8 | |
| | | | LG ₂ | 22 28 27.5 | 1.2 | | | | MDJ | 20.8 14 eP | 22 29 31.0 | 0.4 | |
| | | | LE | | | Ms=4.7 | 14.0 | 9.65 | | | eS | 22 33 20.0 | 2.0 |
| NJ2 | 8.2 | 337 | -P | 22 26 44.0 | -4.2 | | | | GTA | 24.3 313 -P | 22 30 07.4 | 2.2 | |
| | | | S | 22 28 13.5 | -8.1 | | | | | | PcP | 22 33 48.2 | 2.5 |
| | | | LN | | | | 1.0 | 0.50 | | | eS | 22 34 26.0 | 4.5 |
| GZH | 8.6 | 262 | eP | 22 26 53.5 | -0.7 | | | | | | LN | Ms=4.8 | 9.5 0.93 |
| WHN | 9.5 | 311 | eP | 22 27 00.5 | -5.5 | | | | LSA | 28.5 287 eP | 22 30 44.3 | 0.2 | |
| | | | S | 22 28 46.5 | -7.0 | | | | WMQ | 34.4 313 P | 22 31 38.0 | 2.0 | |
| | | | LN | | | | 1.0 | 0.23 | KSH | 41.8 302 eP | 22 32 42.0 | 3.8 | |
| | | | LE | | | | 1.0 | 0.27 | | | LE | Ms=5.9 | 10.0 5.60 |
| TIA | 12.6 | 339 | eP | 22 27 50.0 | 1.8 | | | | 1986 12 30 | | | | |
| | | | eS | 22 30 07.0 | -2.4 | | | | O=00 38 29.3 | | ± 0.10s | | |
| | | | LG ₁ | 22 31 19.5 | -1.8 | | | | LAT=36.46 N | | ± 1.69km | | |
| | | | LN | | | Ms=5.0 | 10.5 | 2.22 | LONG=138.16 E | | ± 1.91km | | |
| | | | LE | | | | 10.5 | 4.00 | DEPTH=18 km | | ± 0.50km | | |
| QZN | 13.1 | 248 | eP | 22 27 56.0 | 1.0 | | | | STATIONS USED = 92, | STAND DEV = 1.81s | | | |
| | | | eS | 22 30 21.5 | -0.1 | | | | Ms=5.7 / 42, | m _B =5.8 / 14 | | | |
| | | | LN | | | Ms=4.6 | 18.0 | 2.95 | MDJ | 10.4 324 eP | 00 41 05.8 | 4.4 | |
| | | | LE | | | | 18.0 | 1.96 | CN2 | 12.2 311 -P | 00 41 25.0 | -0.1 | |
| DL2 | 14.4 | 357 | eP | 22 28 20.0 | 8.2 | | | | | PMZ | m _B =6.1 | 5.0 2.00 | |
| | | | LN | | | Ms=4.7 | 13.0 | 2.75 | | sP | 00 41 30.0 | -4.2 | |
| GYA | 14.6 | 281 | P | 22 28 15.6 | 1.1 | | | | | eS | 00 43 42.0 | 0.6 | |
| | | | S | 22 30 55.4 | -0.9 | | | | SNY | 12.5 300 -iP | 00 41 31.5 | 1.7 | |
| | | | LN | | | Ms=5.1 | 8.0 | 2.50 | DL2 | 13.3 286 -P | 00 41 43.0 | 2.5 | |
| | | | LE | | | | 8.0 | 2.80 | | PMZ | m _B =6.0 | 6.0 1.89 | |
| XAN | 15.3 | 312 | eP | 22 28 22.5 | -1.1 | | | | | eS | 00 44 18.0 | 8.8 | |
| TIY | 15.8 | 329 | eP | 22 28 30.5 | 0.3 | | | | | LN | Ms=5.7 | 12.0 11.3 | |
| | | | LG ₁ | 22 33 04.5 | 2.9 | | | | | LE | | 12.0 20.2 | |
| | | | LG ₂ | 22 33 24.0 | -2.6 | | | | SSE | 15.1 254 +iP | 00 42 06.0 | 2.3 | |
| | | | LN | | | Ms=5.0 | 14.0 | 2.96 | | PMZ | m _B =5.9 | 5.0 2.62 | |
| | | | LE | | | | 13.5 | 3.19 | | sP | 00 42 12.0 | -1.0 | |
| BJI | 16.4 | 342 | eP | 22 28 38.5 | 0.3 | | | | | S | 00 44 54.0 | 3.3 | |
| | | | LE | | | Ms=4.6 | 14.0 | 1.88 | | sS | 00 44 58.0 | -2.1 | |
| CD2 | 17.9 | 295 | eP | 22 28 56.1 | -0.8 | | | | | SS | 00 45 10.0 | 2.0 | |
| | | | eS | 22 32 18.0 | 4.0 | | | | | LE | Ms=5.9 | 14.0 39.8 | |
| | | | LN | | | Ms=5.1 | 10.0 | 3.56 | NJ2 | 16.6 260 +iP | 00 42 23.0 | 0.5 | |
| KMI | 18.1 | 276 | eP | 22 29 02.0 | 2.4 | | | | | eS | 00 45 27.0 | 1.6 | |
| | | | eS | 22 32 13.0 | -5.9 | | | | | LN | Ms=5.8 | 12.0 23.4 | |
| | | | SS | 22 32 36.0 | -4.7 | | | | TIA | 17.0 275 -P | 00 42 30.2 | 2.6 | |
| | | | LN | | | Ms=5.2 | 14.0 | 6.20 | | PMZ | m _B =6.1 | 7.0 6.97 | |
| HHC | 18.7 | 333 | eP | 22 29 09.2 | 1.7 | | | | | S | 00 45 42.0 | 8.0 | |
| BTO | 19.2 | 330 | P | 22 29 14.0 | 0.9 | | | | | SMN | m _B =5.8 | 10.0 3.92 | |
| | | | ePP | 22 29 29.5 | 0.2 | | | | | SME | | 6.0 2.27 | |
| | | | S | 22 32 42.0 | -1.0 | | | | | LN | Ms=5.7 | 13.0 13.3 | |
| | | | LN | | | Ms=5.2 | 14.0 | 2.70 | | LE | | 14.0 14.4 | |
| | | | LE | | | | 14.0 | 4.30 | BJI | 17.6 288 eP | 00 42 37.0 | 1.0 | |
| CN2 | 19.4 | 6 | eP | 22 29 13.4 | -1.4 | | | | | PMZ | m _B =5.9 | 8.0 4.34 | |
| | | | eS | 22 32 44.0 | -3.3 | | | | | | | | |

| | | | | | | | | | | | | |
|-----|------|-----|-------------|-------------|------|------|--|-------------|------|-------------|------------|------|
| | | S | 00 45 56.0 | 6.7 | | | S | 00 50 08.0 | -2.8 | | | |
| | | SMN | $m_B = 5.8$ | 10.0 | 5.73 | | SME | $m_B = 5.2$ | 10.0 | 0.50 | | |
| | | LN | $M_s = 5.4$ | 12.0 | 5.48 | | LN | $M_s = 5.8$ | 15.0 | 8.70 | | |
| | | LE | | 12.0 | 6.71 | WMQ | 38.8 | 297 | P | 00 45 53.5 | -1.6 | |
| QZH | 20.3 | 241 | +iP | 00 43 07.0 | -0.6 | | | | sP | 00 46 00.0 | -4.9 | |
| | | | PMZ | $m_B = 5.7$ | 4.0 | 1.30 | | | PP | 00 47 27.0 | -0.3 | |
| | | | S | 00 46 54.0 | 4.6 | | | | PcP | 00 48 01.5 | -4.7 | |
| | | | LN | $M_s = 5.5$ | 19.0 | 11.5 | | | PcS | 00 51 50.0 | -4.4 | |
| TIY | 20.5 | 281 | +P | 00 43 08.5 | -1.5 | | | | S | 00 51 55.0 | 4.4 | |
| | | | PP | 00 43 35.0 | 4.5 | | | | sS | 00 52 06.0 | 3.3 | |
| | | | S | 00 46 56.0 | 2.5 | | | | ScS | 00 56 02.0 | 0.4 | |
| | | | PcP | 00 47 19.0 | -1.3 | | | | LN | $M_s = 6.4$ | 23.0 | 29.7 |
| | | | SS | 00 47 30.5 | 7.0 | | | | LE | | 23.0 | 34.3 |
| | | | LE | $M_s = 5.8$ | 14.5 | 17.6 | LSA | 39.6 | 274 | cP | 00 46 02.4 | -0.4 |
| WHN | 20.7 | 260 | +P | 00 43 11.5 | 0.1 | | KSH | 48.3 | 293 | cP | 00 47 12.0 | 0.0 |
| | | | LN | $M_s = 5.7$ | 16.0 | 16.3 | | | PP | 00 49 04.5 | 1.6 | |
| HHC | 21.2 | 290 | P | 00 43 16.0 | -0.7 | | | | cS | 00 54 10.0 | -0.2 | |
| BTO | 22.4 | 289 | cP | 00 43 27.2 | -1.2 | | | | LE | $M_s = 6.3$ | 12.0 | 11.4 |
| | | | PMZ | $m_B = 5.5$ | 7.0 | 1.60 | <p>1986 12 30 O = 06 10 41.2 ± 0.06s LAT = 12.05 N ± 1.33km LONG = 57.77 E ± 0.76km DEPTH = 10 km ± 0.07km STATIONS USED = 17, STAND DEV = 1.08s</p> | | | | | |
| | | | pP | 00 43 32.0 | -2.7 | | | | | | | |
| | | | S | 00 47 25.0 | -2.7 | | | | | | | |
| | | | SS | 00 48 02.5 | -5.7 | | | | | | | |
| | | | PcS | 00 51 03.0 | 2.0 | | | | | | | |
| | | | LN | $M_s = 5.6$ | 12.0 | 5.50 | | | | | | |
| | | | LE | | 12.0 | 6.20 | | | | | | |
| XAN | 24.0 | 273 | cP | 00 43 43.2 | -0.8 | | | | | | | |
| GZH | 25.2 | 245 | +iP | 00 43 57.5 | 1.2 | | | | | | | |
| | | | S | 00 48 26.5 | 8.6 | | | | | | | |
| | | | LN | $M_s = 5.7$ | 13.0 | 9.16 | | | | | | |
| | | | LE | | 11.0 | 4.50 | | | | | | |
| LZH | 27.6 | 280 | +iP | 00 44 16.5 | -1.7 | | | | | | | |
| GYA | 28.5 | 259 | +P | 00 44 25.0 | -1.8 | | | | | | | |
| | | | PP | 00 45 18.0 | 0.0 | | | | | | | |
| | | | S | 00 49 05.0 | -6.7 | | | | | | | |
| | | | LN | $M_s = 5.9$ | 14.0 | 5.30 | | | | | | |
| | | | LE | | 14.0 | 12.3 | | | | | | |
| CD2 | 29.1 | 269 | P | 00 44 29.6 | -1.7 | | | | | | | |
| | | | LN | $M_s = 5.9$ | 18.0 | 16.3 | | | | | | |
| GTA | 30.2 | 287 | P | 00 44 38.6 | -3.3 | | | | | | | |
| | | | cPP | 00 45 40.8 | 0.9 | | | | | | | |
| | | | cS | 00 49 31.6 | -8.1 | | | | | | | |
| | | | sS | 00 49 47.0 | -3.6 | | | | | | | |
| | | | LN | $M_s = 5.6$ | 12.0 | 5.23 | | | | | | |
| QZN | 30.3 | 243 | cP | 00 44 44.2 | 1.7 | | | | | | | |
| | | | cS | 00 49 43.5 | 2.6 | | | | | | | |
| | | | LN | $M_s = 5.7$ | 20.0 | 7.50 | | | | | | |
| | | | LE | | 20.0 | 7.50 | | | | | | |
| KMI | 32.3 | 260 | +P | 00 44 59.0 | -1.1 | | | | | | | |
| | | | pP | 00 45 04.0 | -2.4 | | | | | | | |
| | | | PP | 00 46 03.0 | -3.7 | | | | | | | |
| | | | | | | | <p>1986 12 30 O = 08 09 02.8 ± 0.10s LAT = 36.31 N ± 1.07km LONG = 106.09 E ± 1.05km DEPTH = 15 km ± 0.18km STATIONS USED = 31, STAND DEV = 2.23s $M_s = 3.8 / 3, M_L = 4.1 / 15,$</p> | | | | | |
| | | | | | | | LZH | 1.8 | 264 | Pg | 08 09 34.5 | -0.9 |
| | | | | | | | | | Sg | 08 09 55.0 | -5.3 | |
| | | | | | | | XAN | 3.2 | 134 | -Pn | 08 09 55.0 | 1.3 |
| | | | | | | | | | Pg | 08 10 03.6 | 3.5 | |
| | | | | | | | | | Sg | 08 10 44.8 | 0.3 | |
| | | | | | | | TIY | 5.3 | 73 | Pn | 08 10 21.9 | 0.4 |
| | | | | | | | | | Pg | 08 10 37.3 | 1.6 | |
| | | | | | | | | | Sn | 08 11 25.0 | 1.0 | |
| | | | | | | | | | Sg | 08 11 42.6 | -5.1 | |
| | | | | | | | SMN | | | | 2.5 | 1.37 |

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| | | | | | | | | | | | | | | |
|-----|------|-----|-----------------|------------|------|------|-------|-----|------|-----|------|------------|------|-------|
| | | | SME | | 1.5 | 0.75 | | | LN | | 17.0 | | | |
| BTO | 5.3 | 35 | Pn | 08 10 24.9 | 3.2 | | | | LE | | 17.0 | 1.70 | | |
| | | | Pg | 08 10 39.2 | 3.3 | | | QZH | 33.3 | 340 | cP | 09 11 14.0 | -0.9 | |
| | | | Sn | 08 11 23.2 | -1.0 | | | | | | S | 09 16 22.0 | -4.5 | |
| | | | Sg | 08 11 46.4 | -1.5 | | | | | | SME | $m_B=5.4$ | 6.0 | 0.72 |
| | | | SMN | $M_L=4.4$ | | 1.0 | 0.26 | GZH | 33.9 | 330 | cP | 09 11 18.0 | -1.7 | |
| | | | SME | | | 1.0 | 0.50 | SSE | 38.4 | 347 | +iP | 09 11 58.0 | 0.3 | |
| CD2 | 5.7 | 201 | Pn | 08 10 29.2 | 1.3 | | | | | | PMZ | | 1.0 | 0.050 |
| | | | SMN | $M_L=4.0$ | | 1.0 | 0.16 | | | | cS | 09 17 44.0 | -1.0 | |
| | | | SME | | | 0.8 | 0.12 | | | | SS | 09 20 28.0 | -0.9 | |
| GTA | 5.8 | 304 | -Pn | 08 10 30.2 | 0.6 | | | | | | ScS | 09 21 56.0 | 0.5 | |
| | | | Pg | 08 10 48.5 | 2.5 | | | | | | LE | | 20.0 | 0.87 |
| | | | Sn | 08 11 36.8 | -1.7 | | | NJ2 | 39.9 | 344 | +P | 09 12 11.5 | 1.4 | |
| | | | Sg | 08 12 12.7 | 6.7 | | | | | | iS | 09 18 05.5 | -1.9 | |
| | | | SMN | | | 2.0 | 0.53 | | | | SME | $m_B=5.8$ | 6.0 | 1.00 |
| | | | SME | | | 1.5 | 0.40 | WHN | 39.9 | 338 | +P | 09 12 12.0 | 1.3 | |
| | | | LE | $M_s=3.6$ | | 6.0 | 0.45 | | | | S | 09 18 06.0 | -1.5 | |
| HHC | 6.2 | 42 | cPn | 08 10 30.4 | -4.5 | | | | | | SME | $m_B=5.8$ | 6.0 | 1.01 |
| | | | Pg | 08 10 56.0 | 3.1 | | | | | | SS | 09 21 04.0 | 1.5 | |
| | | | Sn | 08 11 48.0 | 0.0 | | | GYA | 40.1 | 325 | +P | 09 12 13.0 | 0.6 | |
| | | | Sg | 08 12 15.4 | -2.7 | | | | | | PcP | 09 14 16.4 | 1.4 | |
| | | | SMN | $M_L=4.8$ | | 0.6 | 0.79 | | | | S | 09 18 09.0 | -1.3 | |
| | | | SME | | | 0.4 | 0.35 | | | | ScP | 09 17 56.0 | 2.7 | |
| BJI | 8.8 | 62 | P | 08 11 13.0 | 0.7 | | | | | | ScS | 09 22 07.0 | 1.3 | |
| | | | LG ₁ | 08 13 36.0 | -2.2 | | | KMI | 41.5 | 320 | +iP | 09 12 24.5 | 0.8 | |
| | | | LN | $M_s=3.8$ | | 8.0 | 0.30 | | | | S | 09 18 31.0 | 0.4 | |
| | | | LE | | | 9.0 | 0.40 | TIA | 44.3 | 344 | cP | 09 12 45.3 | -0.7 | |
| WHN | 9.0 | 127 | cP | 08 11 18.9 | 3.6 | | | | | | S | 09 19 09.0 | -1.9 | |
| | | | S | 08 13 02.0 | 5.0 | | | | | | ScS | 09 22 31.0 | 0.2 | |
| | | | SMN | $M_L=4.4$ | | 1.0 | 0.040 | | | | LN | | 34.0 | 0.81 |
| | | | SME | | | 1.5 | 0.090 | CD2 | 45.2 | 327 | +iP | 09 12 52.6 | -0.8 | |
| | | | LN | $M_s=4.0$ | | 10.0 | 0.74 | | | | PMZ | | 1.2 | 0.19 |
| GYA | 9.8 | 177 | P | 08 11 26.6 | -0.6 | | | | | | S | 09 19 21.0 | -3.1 | |
| | | | S | 08 13 10.0 | -8.1 | | | XAN | 45.2 | 334 | +iP | 09 12 53.2 | -0.3 | |
| | | | SMN | | | 1.6 | 0.20 | DL2 | 45.9 | 350 | cP | 09 13 00.0 | 1.3 | |
| | | | SME | | | 1.6 | 0.10 | | | | S | 09 19 30.0 | -3.7 | |
| WMQ | 15.9 | 304 | cP | 08 12 51.5 | 2.9 | | | TIY | 47.1 | 340 | +P | 09 13 08.0 | -0.4 | |
| CN2 | 16.6 | 57 | cP | 08 13 00.5 | 3.8 | | | | | | PMZ | | 0.6 | 0.060 |
| MDJ | 19.7 | 58 | cP | 08 13 35.0 | 0.7 | | | | | | S | 09 19 49.0 | -2.1 | |
| | | | | | | | | | | | SME | $m_B=5.5$ | 8.0 | 0.54 |
| | | | | | | | | | | | ScS | 09 22 53.5 | 4.6 | |
| | | | | | | | | | | | LN | | 12.0 | 0.28 |
| | | | | | | | | | | | LE | | 14.0 | 0.40 |
| | | | | | | | | BJI | 48.1 | 345 | cP | 09 13 16.0 | -0.4 | |
| | | | | | | | | | | | cS | 09 20 04.0 | -2.6 | |
| | | | | | | | | | | | SME | $m_B=5.4$ | 8.0 | 0.40 |
| | | | | | | | | SNY | 48.4 | 353 | +iP | 09 13 18.3 | -0.6 | |
| | | | | | | | | | | | PMZ | | 15.0 | 12.5 |
| | | | | | | | | | | | S | 09 20 09.0 | -1.1 | |
| | | | | | | | | | | | SMN | $m_B=5.7$ | 6.0 | 0.43 |

1986 12 30

O = 09 04 44.4 ± 0.08s

LAT = 6.40 S ± 1.25km

LONG = 130.70 E ± 1.74km

DEPTH = 101 km ± 0.15km

STATIONS USED = 84, STAND DEV = 1.00s

$m_B=5.7/12$

QZN 32.6 321 -iP 09 11 08.8 0.2

S 09 16 15.5 0.5

cSS 09 18 18.0 -0.6

| | | SME | | 7.0 | 0.46 | | | PMZ | | $m_B = 6.6$ | |
|---------------------------------------|----------|-----------------|-------------|------|------|--|-----|----------|-------------|-------------|------|
| | | SS | 09 23 37.0 | 0.3 | | | | sP | 15 44 50.5 | 1.8 | |
| LZH | 49.2 331 | +iP | 09 13 25.5 | 0.4 | | | | S | 15 54 55.0 | 3.7 | |
| CN2 | 50.2 355 | P | 09 13 31.5 | -0.9 | | | GZH | 82.9 298 | +iP | 15 44 39.5 | 0.6 |
| | | eS | 09 20 28.0 | -7.6 | | | | eS | 15 54 50.0 | -5.3 | |
| HHC | 50.2 341 | eP | 09 13 32.7 | 0.1 | | | | LN | $M_s = 5.6$ | 36.0 | 2.00 |
| BTO | 50.5 340 | eP | 09 13 34.2 | -0.6 | | | | LE | | 36.0 | 2.00 |
| MDJ | 50.8 359 | +P | 09 13 37.2 | 0.2 | | | QZN | 84.2 293 | +P | 15 44 46.0 | 0.5 |
| | | eS | 09 20 40.0 | -3.9 | | | | eS | 15 55 08.0 | -0.2 | |
| LSA | 52.3 316 | +P | 09 13 48.0 | -0.4 | | | | eSS | 16 00 41.0 | 2.5 | |
| | | S | 09 21 02.0 | -0.8 | | | DL2 | 84.2 315 | +iP | 15 44 44.0 | -1.5 |
| GTA | 53.8 330 | +iP | 09 13 59.3 | -0.2 | | | | PMZ | $m_B = 6.6$ | 4.0 | 2.66 |
| | | FM ^o | | 2.0 | 2.36 | | | SKS | 15 55 08.0 | 5.4 | |
| | | S | 09 21 21.5 | -2.2 | | | CN2 | 84.5 321 | +iP | 15 44 46.7 | -0.3 |
| | | SME | $m_B = 5.6$ | 6.0 | 0.50 | | | PMZ | $m_B = 6.5$ | 6.0 | 2.60 |
| WMQ | 63.3 326 | +iP | 09 15 05.1 | -0.3 | | | | sP | 15 44 58.0 | 0.0 | |
| | | PMZ | | 2.0 | 0.40 | | | eSKS | 15 55 06.0 | 1.5 | |
| | | PP | 09 17 26.0 | -0.3 | | | | S | 15 55 10.0 | 0.6 | |
| | | S | 09 23 28.5 | 1.7 | | | | SME | $m_B = 6.1$ | 12.0 | 1.80 |
| | | SMN | | 2.0 | 0.13 | | SNY | 84.5 318 | +iP | 15 44 47.0 | -0.1 |
| | | Sc ^c | 09 24 45.5 | 1.5 | | | | PMZ | $m_B = 6.4$ | 7.0 | 2.79 |
| KSH | 68.0 317 | | 09 15 37.0 | 1.3 | | | | sP | 15 45 03.0 | 4.9 | |
| | | S | 09 24 28.0 | 3.5 | | | | iS | 15 55 17.0 | 5.6 | |
| | | SME | $m_B = 6.2$ | 4.0 | 1.30 | | | SMN | $m_B = 6.5$ | 6.0 | 2.06 |
| | | | | | | | | SME | | 8.0 | 1.84 |
| 1986 12 30 | | | | | | | | | | | |
| O = 15 32 13.9 ± 0.12s | | | | | | | | | | | |
| LAT = 20.35 S ± 2.33km | | | | | | | | | | | |
| LONG = 174.09 W ± 2.56km | | | | | | | | | | | |
| DEPTH = 23 km ± 0.34km | | | | | | | | | | | |
| STATIONS USED = 86, STAND DEV = 0.91s | | | | | | | | | | | |
| $M_s = 5.6 / 17,$ $m_B = 6.3 / 24$ | | | | | | | | | | | |
| QZH | 79.4 302 | +iP | 15 44 21.0 | 0.2 | | | WHN | 85.3 305 | +iP | 15 44 52.0 | 0.7 |
| | | PMZ | | 3.0 | 2.19 | | | PMZ | | 1.0 | 0.33 |
| | | sP | 15 44 33.0 | 1.2 | | | | pP | 15 45 00.0 | 0.9 | |
| | | S | 15 54 17.0 | -1.1 | | | | SKS | 15 55 12.0 | 1.6 | |
| | | SMN | | 15.0 | 1.30 | | | iS | 15 55 20.0 | 0.2 | |
| | | LE | $M_s = 5.6$ | 20.0 | 1.74 | | | SMN | $m_B = 6.0$ | 10.0 | 1.48 |
| SSE | 80.4 308 | +iP | 15 44 26.0 | -0.2 | | | | sS | 15 55 33.0 | 0.3 | |
| | | PMZ | | 1.3 | 0.25 | | | LN | $M_s = 5.8$ | 20.0 | 2.42 |
| | | sP | 15 44 37.0 | -0.2 | | | TIA | 85.9 311 | +P | 15 44 54.6 | 0.4 |
| | | S | 15 54 31.0 | 2.3 | | | | PMZ | $m_B = 6.7$ | 4.0 | 3.08 |
| | | SKS | 15 54 35.5 | -1.3 | | | | S | 15 55 28.0 | 4.4 | |
| | | sS | 15 54 44.0 | 0.8 | | | | LN | $M_s = 5.8$ | 19.0 | 1.70 |
| | | eSS | 15 59 46.0 | 2.3 | | | | LE | | 19.0 | 1.98 |
| | | LN | $M_s = 5.5$ | 27.0 | 1.76 | | BJI | 88.4 314 | +iP | 15 45 06.5 | 0.3 |
| MDJ | 82.5 323 | +iP | 15 44 38.3 | 1.0 | | | | PMZ | $m_B = 6.2$ | 7.0 | 1.31 |
| | | SKS | 15 54 55.0 | 3.5 | | | | eSKS | 15 55 30.0 | -0.3 | |
| | | S | 15 54 59.0 | 8.7 | | | | cS | 15 55 53.0 | 4.1 | |
| NJ2 | 82.6 308 | +P | 15 44 38.5 | 0.8 | | | | SMN | $m_B = 6.1$ | 7.0 | 0.75 |
| | | | | | | | | SME | | 5.0 | 0.76 |
| | | | | | | | | LN | $M_s = 5.4$ | 22.0 | 0.96 |
| | | | | | | | GYA | 89.8 298 | +P | 15 45 13.4 | 0.4 |
| | | | | | | | | pP | 15 45 21.0 | 0.4 | |
| | | | | | | | | PP | 15 48 41.0 | -5.6 | |
| | | | | | | | | SKS | 15 55 44.0 | 5.2 | |
| | | | | | | | | S | 15 56 07.0 | 7.0 | |

| | | | | | | | |
|-----|------|-----|-----|------------|------|-----|------|
| | | | ScP | 12 20 22.0 | -8.2 | | |
| KMI | 36.7 | 257 | +P | 12 14 43.5 | 0.9 | | |
| WMQ | 39.9 | 293 | +iP | 12 15 11.0 | 1.3 | | |
| | | | PMZ | | | 1.2 | 0.17 |
| | | | pP | 12 15 25.3 | -0.5 | | |
| | | | sP | 12 15 35.0 | 1.0 | | |
| LSA | 42.9 | 271 | +P | 12 15 35.2 | 0.8 | | |

1986 12 31

O = 15 32 24.6 ± 0.74s
 LAT = 23.69 N ± 5.37km
 LONG = 121.80 E ± 6.79km
 DEPTH = 19 km ± 1.50km
 STATIONS USED = 19, STAND DEV = 3.44s
 Ms = 3.9 / 2, M_L = 3.8 / 5,

| | | | | | | | |
|-----|------|-----|------------------|----------------------|------|-------|--|
| QZH | 3.2 | 294 | cPn | 15 33 13.2 | -1.0 | | |
| | | | Sn | 15 33 49.8 | -3.8 | | |
| | | | SMN | M _L = 3.7 | 0.2 | 0.28 | |
| | | | SME | | 0.7 | 0.28 | |
| SSE | 7.4 | 356 | cPn | 15 34 15.0 | 2.8 | | |
| | | | cLG ₁ | 15 36 23.0 | 6.0 | | |
| | | | LE | M _s = 3.4 | 18.0 | 0.57 | |
| GZH | 7.8 | 267 | cPn | 15 34 18.0 | 0.4 | | |
| | | | cSn | 15 35 40.0 | -7.8 | | |
| | | | LN | | 1.0 | 0.13 | |
| | | | LE | | 0.9 | 0.050 | |
| WHN | 9.5 | 317 | c(P) | 15 34 48.5 | 4.4 | | |
| | | | S | 15 36 40.5 | 9.1 | | |
| | | | LG ₂ | 15 37 46.5 | 7.8 | | |
| | | | LN | M _s = 4.4 | 4.0 | 0.74 | |
| QZN | 12.1 | 250 | cP | 15 35 17.7 | -1.2 | | |
| GYA | 14.0 | 284 | cP | 15 35 49.0 | 4.3 | | |
| TIY | 16.1 | 332 | cP | 15 36 21.6 | 9.3 | | |

1986 12 31

O = 15 49 49.8 ± 0.16s
 LAT = 26.55 N ± 2.62km
 LONG = 92.72 E ± 1.53km
 DEPTH = 12 km ± 0.41km
 STATIONS USED = 35, STAND DEV = 2.63s

| | | | | | | | |
|-----|------|-----|------|------------|------|--|--|
| LSA | 3.4 | 337 | -iPn | 15 50 49.4 | 5.4 | | |
| CD2 | 10.6 | 63 | cP | 15 52 21.4 | -3.8 | | |
| GYA | 12.5 | 87 | P | 15 52 58.0 | 7.3 | | |
| LZH | 13.4 | 42 | cP | 15 53 02.5 | -0.9 | | |
| GTA | 14.1 | 23 | P | 15 53 10.3 | -2.2 | | |
| XAN | 15.8 | 58 | cP | 15 53 33.0 | -1.8 | | |
| WMQ | 17.7 | 348 | P | 15 54 01.4 | 3.1 | | |
| WHN | 19.4 | 73 | cP | 15 54 19.5 | 0.7 | | |
| TIY | 20.0 | 51 | +P | 15 54 24.0 | -1.9 | | |
| | | | (S) | 15 58 03.0 | -2.7 | | |

| | | | | | | | |
|-----|------|----|----|------------|------|--|--|
| BTO | 20.0 | 41 | cP | 15 54 23.5 | -2.7 | | |
| BJI | 23.7 | 50 | cP | 15 55 04.0 | 1.4 | | |

1986 12 31

O = 16 56 48.2 ± 0.12s
 LAT = 25.15 N ± 2.17km
 LONG = 63.11 E ± 1.76km
 DEPTH = 34 km ± 0.20km
 STATIONS USED = 40, STAND DEV = 1.72s
 Ms = 4.8 / 5,

| | | | | | | | |
|-----|------|----|----|----------------------|------|------|--|
| KSH | 17.9 | 34 | P | 17 00 54.0 | -2.7 | | |
| | | | PP | 17 01 09.0 | -2.0 | | |
| | | | cS | 17 04 06.0 | -6.9 | | |
| | | | LE | M _s = 4.9 | 12.0 | 2.80 | |
| LSA | 25.3 | 73 | cP | 17 02 13.8 | 0.0 | | |
| WMQ | 27.4 | 41 | P | 17 02 32.5 | -0.2 | | |
| | | | cS | 17 07 15.0 | 6.0 | | |
| | | | LN | M _s = 4.9 | 20.0 | 2.24 | |
| GTA | 33.9 | 56 | +P | 17 03 30.3 | -0.2 | | |
| | | | LN | M _s = 4.8 | 22.0 | 1.41 | |
| LZH | 36.5 | 63 | cP | 17 03 52.0 | -0.6 | | |
| GYA | 39.1 | 78 | cP | 17 04 17.0 | 2.5 | | |
| XAN | 40.5 | 66 | cP | 17 04 25.2 | -1.1 | | |
| BTO | 41.8 | 57 | P | 17 04 37.5 | 0.6 | | |
| HHC | 43.0 | 56 | cP | 17 04 47.8 | 1.1 | | |
| TIY | 43.5 | 61 | +P | 17 04 50.4 | 0.0 | | |
| | | | S | 17 11 11.0 | -4.3 | | |
| | | | LN | M _s = 4.8 | 13.0 | 0.48 | |
| BJI | 46.5 | 58 | cP | 17 05 15.0 | 0.8 | | |
| TIA | 47.2 | 63 | cP | 17 05 20.5 | 0.3 | | |
| NJ2 | 49.0 | 68 | cP | 17 05 34.0 | 0.1 | | |
| CN2 | 53.4 | 53 | cP | 17 06 06.6 | -0.8 | | |

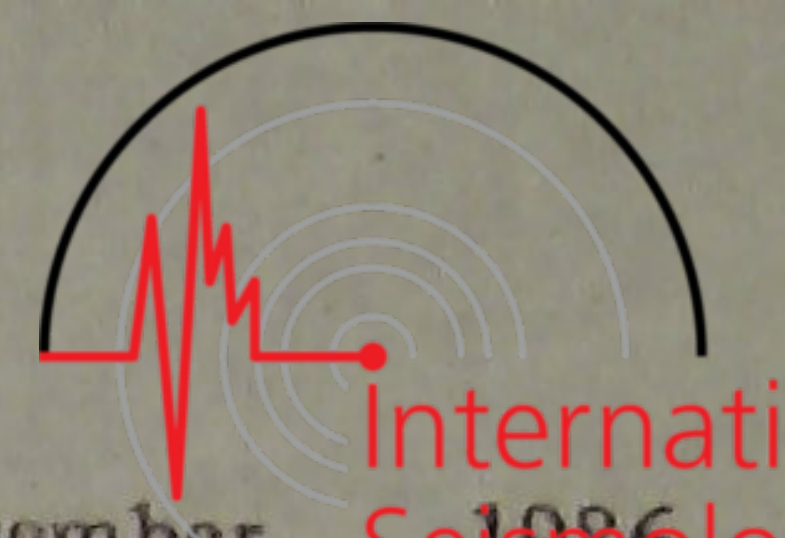
1986 12 31

O = 18 24 20.5 ± 0.07s
 LAT = 49.36 N ± 2.99km
 LONG = 156.23 E ± 1.69km
 DEPTH = 37 km ± 0.81km
 STATIONS USED = 58, STAND DEV = 1.23s
 Ms = 5.0 / 12,

| | | | | | | | |
|-----|------|-----|----|----------------------|------|------|--|
| MDJ | 18.7 | 265 | cP | 18 28 37.0 | -1.8 | | |
| CN2 | 21.8 | 267 | cP | 18 29 09.0 | -2.3 | | |
| | | | sP | 18 29 27.0 | 1.9 | | |
| | | | eS | 18 33 00.0 | -5.1 | | |
| SNY | 23.9 | 264 | -P | 18 29 32.6 | 0.4 | | |
| | | | cS | 18 33 44.5 | 1.3 | | |
| | | | LN | M _s = 4.9 | 18.0 | 2.08 | |
| | | | LE | | 18.0 | 0.88 | |
| DL2 | 26.7 | 260 | cP | 18 30 00.0 | 1.2 | | |
| | | | cS | 18 34 24.0 | -6.1 | | |

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| | | | | Ms=4.7 | | 15.0 | 1.06 | | | | | PMZ | | 0.9 | 0.060 |
|--------------------------------------|------|-----|-----|--------|--------|------|------|------|-------|------|------|-------|-------|------|-------|
| BJI | 29.7 | 267 | eP | 18 30 | 24.0 | -1.2 | | (S) | 19 33 | 32.0 | -0.2 | | | | |
| HHC | 32.2 | 272 | eP | 18 30 | 47.2 | -1.1 | | LN | | | | | 15.0 | 0.44 | |
| NJ2 | 32.8 | 252 | eP | 18 30 | 49.0 | -3.7 | | LE | | | | | 12.0 | 0.24 | |
| | | | LE | | Ms=4.7 | | 15.0 | 0.80 | GTA | 43.6 | 357 | +iP | 19 27 | 21.3 | -0.2 |
| TIY | 33.4 | 266 | eP | 18 30 | 57.5 | -0.4 | | BTO | 45.2 | 8 | eP | 19 27 | 34.0 | -0.4 | |
| | | | S | 18 36 | 20.5 | 6.0 | | HHC | 45.7 | 9 | -iP | 19 27 | 39.0 | 0.8 | |
| | | | LN | | Ms=4.8 | | 13.0 | 0.56 | BJI | 45.9 | 14 | eP | 19 27 | 39.0 | -0.4 |
| | | | LE | | | | 12.0 | 0.48 | | | | PcP | 19 29 | 15.0 | -0.2 |
| BTO | 33.4 | 273 | eP | 18 30 | 57.1 | -1.1 | | SNY | 49.7 | 20 | eP | 19 28 | 08.4 | -1.2 | |
| | | | esP | 18 31 | 14.0 | 2.0 | | WMQ | 49.8 | 346 | P | 19 28 | 09.8 | -0.3 | |
| | | | eS | 18 36 | 15.0 | -0.9 | | | | | | PMZ | | 2.0 | 0.31 |
| | | | LN | | Ms=5.2 | | 14.0 | 0.70 | | | | pP | 19 28 | 29.0 | -2.7 |
| | | | LE | | | | 14.0 | 1.90 | | | | S | 19 35 | 19.5 | 9.2 |
| XAN | 37.8 | 264 | eP | 18 31 | 35.2 | -0.8 | | | | | | SMN | | 2.0 | 0.030 |
| LZH | 39.9 | 271 | P | 18 31 | 53.5 | 0.1 | | | | | | sS | 19 35 | 46.5 | -2.7 |
| GTA | 40.7 | 278 | -iP | 18 31 | 59.7 | 0.2 | | KSH | 50.0 | 333 | P | 19 28 | 12.0 | 0.0 | |
| | | | LE | | Ms=5.2 | | 15.0 | 1.48 | | | | S | 19 35 | 16.0 | 2.4 |
| CD2 | 43.2 | 265 | P | 18 32 | 20.6 | 0.4 | | CN2 | 52.1 | 21 | +P | 19 28 | 25.6 | -2.1 | |
| GYA | 44.3 | 258 | P | 18 32 | 29.8 | 0.5 | | | | | | PcP | 19 29 | 37.0 | -0.8 |
| | | | pP | 18 32 | 41.0 | 1.8 | | MDJ | 54.4 | 23 | -P | 19 28 | 44.2 | -0.1 | |
| | | | S | 18 39 | 01.8 | 2.3 | | | | | | | | | |
| WMQ | 46.0 | 290 | P | 18 32 | 42.5 | 0.1 | | | | | | | | | |
| | | | pP | 18 32 | 55.0 | 2.7 | | | | | | | | | |
| | | | PP | 18 34 | 31.2 | 1.4 | | | | | | | | | |
| | | | PcS | 18 38 | 17.5 | 6.1 | | | | | | | | | |
| | | | eS | 18 39 | 32.5 | 8.3 | | | | | | | | | |
| | | | LN | | Ms=5.3 | | 15.0 | 1.57 | | | | | | | |
| KMI | 47.8 | 260 | -P | 18 32 | 57.0 | 0.2 | | | | | | | | | |
| LSA | 52.2 | 273 | -P | 18 33 | 31.0 | 0.0 | | | | | | | | | |
| 1986 12 31 | | | | | | | | | | | | | | | |
| O=19 19 24.3 ± 0.13s | | | | | | | | | | | | | | | |
| LAT= 4.31 S ± 1.85km | | | | | | | | | | | | | | | |
| LONG=102.66 E ± 1.46km | | | | | | | | | | | | | | | |
| DEPTH= 92 km ± 0.36km | | | | | | | | | | | | | | | |
| STATIONS USED = 59, STAND DEV= 1.09s | | | | | | | | | | | | | | | |
| QZN | 24.2 | 17 | -P | 19 24 | 36.7 | 2.6 | | QZN | 26.4 | 320 | eP | 20 35 | 00.4 | 0.9 | |
| | | | eS | 19 28 | 48.0 | 4.5 | | | | | | eS | 20 39 | 36.0 | 6.7 |
| KMI | 29.3 | 0 | -P | 19 25 | 21.0 | 0.6 | | WHN | 33.8 | 339 | eP | 20 36 | 04.5 | -0.3 | |
| GYA | 30.8 | 7 | -P | 19 25 | 34.6 | 0.3 | | NJ2 | 33.9 | 347 | eP | 20 36 | 03.5 | -2.1 | |
| | | | PcP | 19 28 | 29.6 | 1.0 | | GYA | 33.9 | 325 | P | 20 36 | 06.0 | -0.2 | |
| LSA | 35.6 | 343 | +P | 19 26 | 14.1 | -1.4 | | | | | | PcP | 20 38 | 44.6 | 1.0 |
| WHN | 36.4 | 17 | eP | 19 26 | 23.0 | 0.9 | | | | | | S | 20 41 | 28.0 | 0.9 |
| | | | ipP | 19 26 | 41.0 | -2.2 | | | | | | ScP | 20 42 | 27.0 | 2.4 |
| | | | PcP | 19 28 | 45.0 | 0.7 | | KMI | 35.4 | 319 | +P | 20 36 | 20.5 | 1.8 | |
| XAN | 38.6 | 8 | +P | 19 26 | 39.8 | -0.6 | | CD2 | 39.0 | 327 | P | 20 36 | 48.7 | 0.0 | |
| LZH | 40.2 | 1 | +iP | 19 26 | 54.0 | 0.2 | | TIY | 41.0 | 342 | eP | 20 37 | 04.5 | -0.8 | |
| TIA | 42.5 | 17 | eP | 19 27 | 12.8 | 0.1 | | BJI | 42.1 | 347 | eP | 20 37 | 17.5 | 2.7 | |
| TIY | 42.8 | 11 | -P | 19 27 | 15.6 | 0.6 | | LZH | 43.0 | 331 | P | 20 37 | 22.0 | -0.1 | |
| | | | | | | | | LSA | 46.3 | 314 | -P | 20 37 | 48.0 | -0.4 | |
| | | | | | | | | GTA | 47.6 | 331 | P | 20 37 | 57.7 | -0.8 | |
| | | | | | | | | | | | | ScP | 20 43 | 20.2 | 2.4 |
| | | | | | | | | WMQ | 57.1 | 326 | P | 20 39 | 08.2 | -1.3 | |
| 1986 12 31 | | | | | | | | | | | | | | | |
| O=22 10 38.3 ± 0.12s | | | | | | | | | | | | | | | |
| LAT=10.46 S ± 1.01km | | | | | | | | | | | | | | | |
| LONG=164.96 E ± 2.52km | | | | | | | | | | | | | | | |



| DEPTH = 73 km ± 0.30km | | | | | | |
|--|------|-----|-----|-------|------|------|
| STATIONS USED = 33, STAND DEV = 0.98s | | | | | | |
| NJ2 | 61.1 | 316 | +P | 22 20 | 48.0 | 0.6 |
| MDJ | 63.5 | 332 | cP | 22 21 | 04.0 | 0.5 |
| CN2 | 64.8 | 329 | +P | 22 21 | 11.4 | -1.0 |
| | | | pP | 22 21 | 29.0 | -2.0 |
| GYA | 67.5 | 304 | P | 22 21 | 29.2 | 0.1 |
| BJI | 67.5 | 321 | cP | 22 21 | 29.0 | -0.6 |
| TIY | 68.6 | 317 | cP | 22 21 | 36.0 | -0.3 |
| | | | (S) | 22 30 | 40.0 | 7.6 |
| XAN | 69.2 | 313 | cP | 22 21 | 39.2 | -0.5 |
| KMI | 70.2 | 302 | -P | 22 21 | 47.0 | 1.0 |
| HHC | 70.9 | 320 | cP | 22 21 | 51.0 | 0.7 |
| CD2 | 71.6 | 307 | cP | 22 21 | 54.4 | -0.3 |
| BTO | 71.7 | 319 | cP | 22 21 | 55.0 | -0.4 |
| LZH | 73.8 | 312 | P | 22 22 | 08.5 | 1.0 |
| GTA | 78.1 | 314 | +P | 22 22 | 31.9 | 0.0 |
| WMQ | 88.1 | 315 | P | 22 23 | 22.5 | -0.6 |

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