MONTHLY BULLETIN of REGIONAL and TELESEISMIC EVENTS RECORDED with GRF- and GRSN-STATIONS in GERMANY

SZGRF/BGR - ERLANGEN

MARCH 2000

Please note that local events recorded in Germany are part of the "LOCAL BULLETIN".

(Format desciption at the end of the bulletin)

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/01 | 04:21:01.5 | 18.926S | 179.432W | 676D | 5.3 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e PKPbc | Z | 04:39:24.1 | 144.2 | 15.9 | | | | | |
| CLL | e PKPdf | Z | 04:39:26.9 | 146.2 | 21.5 | | | | | |
| | e PKPbc | Z | 04:39:29.9 | | | | | | | |
| CLZ | e PKPdf | Z | 04:39:27.5 | 146.2 | 16.8 | | | | | |
| | e PKPbc | Z | 04:39:30.3 | | | | | | | |
| BRG | e PKPdf | Z | 04:39:27.5 | 146.3 | 23.3 | | | | | |
| | e PKPbc | Z | 04:39:30.3 | | | | | | | |
| MOX | e PKPdf | Z | 04:39:28.8 | 147.1 | 19.5 | | | | | |
| | e PKPbc | Z | 04:39:32.4 | | | | | | | |
| GRA1 | e PKPbc | Z | 04:39:35.1 | 148.1 | 19.3 | | | | | |
| TNS | e PKPbc | Z | 04:39:35.1 | 148.1 | 14.2 | | | | | |
| WET | e PKPbc | Z | 04:39:35.3 | 148.2 | 22.5 | | | | | |
| FUR | e PKPbc | Z | 04:39:38.2 | 149.5 | 20.3 | | | | | |
| BFO | e PKPbc | Z | 04:39:39.0 | 149.9 | 14.8 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/01 | 20:06:33.3 | 29.420N | 53.310E | 33.0N | 5.2 | | | SZGRF |
| 2000/03/01 | 20:06:27.9 | 28.419N | 52.877E | 33N | 5.2 | 4.7 | | NEIC |

Southern Iran

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 20:13:44.8 | 38.0 | 108.3 | 1.0 | 49 | 5.2 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/01 | 23:05:15.3 | 59.880N | 146.900W | 16.4 | 5.6 | | | SZGRF |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/01 | 23:05:14.5 | 60.167N | 145.887W | 20 | 5.4 | 5.0 | | NEIC |

Gulf of Alaska

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | i P | + Z | 23:16:17.9 | 68.6 | 348.0 | 1.1 | 46 | 5.6 | | |
| | e pP | Z | 23:16:22.5 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/02 | 02:45:10.7 | 0.160S | 28.870E | 15.5 | 5.3 | | | SZGRF |
| 2000/03/02 | 02:44:51.0 | 2.513S | 28.514E | 10G | 5.4 | 4.8 | | NEIC |

Zaire

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| FUR | e P | Z | 02:54:07.2 | 52.9 | 158.2 | | | | | |
| WET | e P | Z | 02:54:11.2 | 53.4 | 160.4 | | | | | |
| BFO | e P | Z | 02:54:14.3 | 53.8 | 154.7 | | | | | |
| GRA1 | e P | Z | 02:54:17.9 | 54.3 | 158.5 | 1.3 | 50 | 5.3 | | |
| | e pP | Z | 02:54:22.1 | | | | | | | |
| BRG | e P | Z | 02:54:21.6 | 54.8 | 162.1 | | | | | |
| MOX | e P | Z | 02:54:24.0 | 55.1 | 159.3 | | | | | |
| CLL | e P | Z | 02:54:25.5 | 55.4 | 161.1 | | | | | |
| TNS | e P | Z | 02:54:26.7 | 55.5 | 155.4 | | | | | |
| BSEG | e P | Z | 02:54:48.2 | 58.4 | 158.5 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/02 | 04:29:43.1 | 4.050S | 25.920E | 33.0N | 5.0 | | | SZGRF |
| 2000/03/02 | 04:29:48.0 | 2.456S | 27.951E | 10G | 4.8 | | | NEIC |

Zaire

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 04:39:13.2 | 54.1 | 159.2 | 1.1 | 18 | 5.0 | | |
| | e | | 04:39:17.4 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/02 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| CLL | e PKPdf | Z | 21:09:42.5 | | | | | | | |
| | i PKPbc | Z | 21:09:44.6 | | | 0.8 | 17 | | | |
| | i | | 21:10:02.6 | | | 1.0 | 10 | | | |
| GRFO | e PKPdf | Z | 21:09:49.5 | | | | | | | |
| | i PKPbc | Z | 21:09:53.1 | | | 0.9 | 11 | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/03 | 01:20:22.0 | 1.670N | 100.600E | 33.0N | 5.1 | | | SZGRF |

Northern Sumatera, Indonesia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 01:33:10.6 | 88.3 | 89.4 | 0.8 | 8 | 5.1 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/03 | 15:50:57.4 | 35.940N | 72.110E | 33.0N | 5.3 | | | SZGRF |

Pakistan

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 15:59:13.0 | 45.4 | 83.6 | | | 5.3 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/03 | 20:24:41.3 | 45.160N | 13.510E | 10.0G | | | 2.9 | SZGRF |

Northern Italy

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GEC2 | e Pn | Z | 20:25:38.2 | 3.7 | 182.1 | | | | | 2.9 |
| | e Sg | E | 20:26:38.2 | | | | | | | |
| WET | e Pn | Z | 20:25:42.9 | 4.0 | 173.6 | | | | | |
| | e Sn | E | 20:26:27.5 | | | | | | | |
| GRC1 | e Pn | Z | 20:25:43.5 | 4.1 | 159.8 | | | | | |
| | e Sg | E | 20:26:50.7 | | | | | | | |
| BFO | e Pn | Z | 20:25:53.8 | 4.8 | 129.9 | | | | | |
| | e Sn | E | 20:26:45.1 | | | | | | | |
| GRA1 | e Sg | E | 20:27:16.3 | 4.8 | 160.3 | | | | | |
| MOX | e Pn | Z | 20:26:05.6 | 5.6 | 166.3 | | | | | |
| | e Sn | N | 20:27:05.9 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/03 | 22:09:13.5 | 7.313S | 128.642E | 140D | 6.4 | | | NEIC |

Banda Sea

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BRG | e Pdiff | Z | 22:23:33.9 | 111.1 | 75.0 | | | | | |
| | e PKP | Z | 22:27:31.7 | | | | | | | |
| | e PKKP | Z | 22:38:40.6 | | | | | | | |
| CLL | e Pdiff | Z | 22:23:34.3 | 111.6 | 74.1 | | | | | |
| | e PKP | Z | 22:27:31.3 | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | e PP | Z | 22:28:17.5 | | | |
| | e PKKP | Z | 22:38:38.2 | | | |
| WET | e Pdiff | Z | 22:23:36.8 | 112.2 | 74.8 | |
| | e PKP | Z | 22:27:32.7 | | | |
| | e PKKP | Z | 22:38:36.2 | | | |
| BSEG | e Pdiff | Z | 22:23:38.6 | 112.3 | 70.7 | |
| | e PKP | Z | 22:27:33.8 | | | |
| | e PP | Z | 22:28:19.3 | | | |
| | e PKKP | Z | 22:38:35.2 | | | |
| MOX | e Pdiff | Z | 22:23:39.0 | 112.6 | 73.1 | |
| | e PKP | Z | 22:27:34.9 | | | |
| CLZ | e Pdiff | Z | 22:23:40.7 | 113.0 | 71.6 | |
| | e PKP | Z | 22:27:34.9 | | | |
| | e PKKP | Z | 22:38:31.7 | | | |
| GRA1 | e Pdiff | Z | 22:23:42.1 | 113.1 | 73.2 | |
| | e PKP | Z | 22:27:35.5 | | | |
| | e PP | Z | 22:28:27.9 | | | |
| | e PS | Z | 22:37:44.4 | | | |
| | e PKKP | Z | 22:38:31.4 | | | |
| TNS | e Pdiff | Z | 22:23:46.1 | 114.6 | 70.6 | |
| | e PKP | Z | 22:27:37.8 | | | |
| | e PKKP | Z | 22:38:24.8 | | | |
| BFO | e PKP | Z | 22:27:39.2 | 115.3 | 71.3 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/03 | 22:22:40.5 | 6.767S | 143.753E | 10G | 6.3 | 6.6 | | NEIC |

New Guinea, Papua New Guinea

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BRG | e PKPdf | Z | 22:41:33.0 | 119.5 | 61.2 | | | | | |
| BSEG | e PKPdf | Z | 22:41:32.6 | 119.8 | 56.2 | | | | | |
| CLL | e Pdiff | Z | 22:37:39.5 | | | | | | | |
| | i PKPdf | Z | 22:41:32.4 | | | 1.3 | 54 | | | |
| | e PKPdf(2) | Z | 22:41:42.6 | | | 1.0 | 84 | | | |
| | e PP | Z | 22:42:52.4 | | | | | | | |
| | e SP | Z | 22:52:39.2 | | | | | | | |
| | e SS | Z | 22:59:10.4 | | | | | | | |
| | e L | Z | 23:37:19.0 | | | 18.0 | 34494 | | | |
| MOX | e PKPdf | Z | 22:41:35.3 | 120.9 | 59.1 | | | | | |
| CLZ | e PKPdf | Z | 22:41:35.3 | 120.9 | 57.3 | | | | | |
| WET | e PKPdf | Z | 22:41:35.7 | 120.9 | 61.1 | | | | | |
| GRA1 | e PKPdf | Z | 22:41:36.8 | 121.6 | 59.2 | | | | | |
| | e | | 22:41:45.8 | | | | | | | |
| | e PP | Z | 22:43:11.1 | | | | | | | |
| | e PKKP | Z | 22:51:37.2 | | | | | | | |
| | e L | Z | 23:38:13.2 | | | 20.2 | 14963 | | 6.6 | |
| FUR | e PKPdf | Z | 22:41:37.4 | 122.4 | 60.1 | | | | | |
| TNS | e PKPdf | Z | 22:41:38.8 | 122.8 | 56.2 | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| BFO | e PKPdf | Z | 22:41:40.8 | 123.9 | 57.1 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/04 | 02:24:22.0 | 60.157S | 149.954E | 10G | 5.6 | 6.2 | | NEIC |

West of Macquarie Island

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 02:44:22.2 | 154.6 | 130.0 | | | | | |
| | e SS | E | 03:07:47.2 | | | | | | | |
| | e L | Z | 03:55:37.5 | | | 21.6 | 2760 | | 6.0 | |
| CLL | e PKPdf | Z | 02:44:14.6 | | | 2.5 | 45 | | | |
| | e PKPab | Z | 02:44:36.6 | | | 2.1 | 148 | | | |
| | e SKSP | Z | 02:58:30.1 | | | 18.7 | 1042 | | | |
| | e SS | E | 03:07:54.9 | | | | | | | |
| | e SS | Z | 03:08:02.3 | | | | | | | |
| | e L | Z | 04:06:43.6 | | | 18.0 | 5412 | | 6.4 | |
| CLZ | e PKPdf | Z | 02:44:18.5 | | | 2.5 | 102 | | | |
| | e SKSP | Z | 02:58:53.7 | | | 21.3 | 610 | | | |
| | e SS | E | 03:08:20.4 | | | | | | | |
| | e SS | Z | 03:08:24.2 | | | | | | | |
| | e L | Z | 04:06:01.0 | | | 20.0 | 8723 | | 6.6 | |
| FUR | e PKPab | Z | 02:44:32.2 | | | | | | | |
| | e L | Z | 03:51:23.4 | | | 22.0 | 4846 | | 6.3 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/04 | 18:42:58.4 | 39.060N | 26.150W | 17.8 | 4.7 | | | SZGRF |
| 2000/03/04 | 18:42:46.5 | 38.587N | 26.546W | 10G | 4.5 | | | NEIC |

Azores Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 18:48:50.1 | 28.9 | 261.9 | | | 4.7 | | |
| | e sP | Z | 18:48:56.9 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/05 | 09:40:41.3 | 29.830N | 52.240E | 33.0N | 5.5 | 4.8 | | SZGRF |
| 2000/03/05 | 09:40:06.0 | 27.969N | 56.485E | 33N | 5.6 | 5.3 | | NEIC |

Southern Iran

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BRG | e P | Z | 09:47:33.2 | 39.2 | 109.3 | 0.9 | 44 | 5.4 | | |
| WET | e P | Z | 09:47:34.0 | 39.4 | 106.2 | 1.0 | 54 | 5.4 | | |
| CLL | e P | Z | 09:47:39.3 | 39.9 | 108.8 | 1.0 | 72 | 5.5 | | |
| FUR | e P | Z | 09:47:40.3 | 40.1 | 103.5 | 0.9 | 123 | 5.8 | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | GRA1 | e P | Z | 09:47:44.7 | 40.6 | 105.2 | 0.9 | 204 | 5.9 | |
| | | e L | Z | 10:07:03.8 | | | 20.9 | 1774 | | 4.8 |
| | MOX | e P | Z | 09:47:44.3 | 40.6 | 106.7 | 0.9 | 33 | 5.1 | |
| | CLZ | e P | Z | 09:47:54.2 | 41.7 | 106.8 | 0.9 | 112 | 5.6 | |
| | BFO | e P | Z | 09:47:56.7 | 42.1 | 101.0 | | | | |
| | BSEG | e P | Z | 09:47:59.3 | 42.3 | 108.9 | 0.9 | 65 | 5.2 | |
| | TNS | e P | Z | 09:47:59.9 | 42.4 | 103.2 | 1.0 | 98 | 5.4 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/05 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 11:07:51.1 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/05 | 14:36:34.7 | 48.060N | 157.330E | 33.0N | 5.3 | | | SZGRF |
| 2000/03/05 | 14:36:30.2 | 47.040N | 154.117E | 33N | 4.8 | | | NEIC |

East of Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 14:48:30.1 | 78.1 | 24.8 | 0.9 | 24 | 5.3 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/05 | 23:57:01.8 | 63.082S | 145.656E | 10G | 5.8 | 6.1 | | NEIC |

South of Australia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| FUR | e PKP | Z | 00:16:49.9 | 151.1 | 138.0 | | | | | |
| WET | e PKP | Z | 00:16:50.1 | 151.1 | 136.5 | | | | | |
| BRG | e PKP | Z | 00:16:51.1 | 151.9 | 134.2 | | | | | |
| GRA1 | e PKP | Z | 00:16:52.1 | 152.2 | 136.0 | | | | | |
| | e PP | Z | 00:20:33.0 | | | | | | | |
| | e SS | E | 00:39:57.4 | | | | | | | |
| | e L | Z | 01:28:19.8 | | | 21.7 | 2233 | | 5.9 | |
| BFO | e PKP | Z | 00:16:52.7 | 152.5 | 138.3 | | | | | |
| CLL | e PKP | Z | 00:16:51.8 | 152.6 | 133.7 | | | | | |
| MOX | e PKP | Z | 00:16:52.4 | 152.8 | 134.7 | | | | | |
| TNS | e PKP | Z | 00:16:54.6 | 153.9 | 135.7 | | | | | |
| CLZ | e PKP | Z | 00:16:53.9 | 154.1 | 133.1 | | | | | |
| BSEG | e PKP | Z | 00:16:56.7 | 155.6 | 129.7 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/06 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 00:59:07.5 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/07 | 17:40:34.6 | 2.300S | 67.710E | 20.8 | 5.5 | | | SZGRF |
| 2000/03/07 | 17:41: 3.3 | 0.740N | 64.050E | | 5.5 | | | GRSN |
| 2000/03/07 | 17:40:30.7 | 2.063S | 68.015E | 10G | 5.3 | 5.1 | | NEIC |

Carlsberg Ridge

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 17:51:49.2 | 70.9 | 117.8 | 1.4 | 49 | 5.5 | | |
| | e | | 17:51:54.9 | | | | | | | |
| CLL | i P | Z | 17:51:48.2 | 66.2 | 121.8 | 1.2 | 21 | 5.3 | | |
| | i | | 17:51:54.1 | | | 1.2 | 43 | | | |
| BFO | i P | Z | 17:51:55.9 | 67.4 | 116.5 | 1.9 | 64 | 5.5 | | |
| | i | | 17:52:01.8 | | | 1.6 | 78 | | | |
| TNS | i P | Z | 17:52:00.5 | 68.2 | 117.3 | 2.2 | 89 | 5.6 | | |
| | i | | 17:52:06.7 | | | 1.2 | 34 | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/08 | 14:21: 1.6 | 58.260N | 155.540W | 44.5 | 5.8 | | | SZGRF |
| 2000/03/08 | 14:20:57.9 | 57.407N | 154.522W | 48 | 5.6 | 4.7 | | NEIC |

Alaska Peninsula, United States

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e P | Z | 14:31:53.1 | 68.0 | 351.3 | 1.1 | 102 | 6.0 | | |
| CLZ | e P | Z | 14:32:06.4 | 70.1 | 351.4 | 0.9 | 110 | 6.0 | | |
| CLL | e P | Z | 14:32:09.9 | 70.8 | 352.9 | 1.0 | 70 | 5.8 | | |
| BRG | e P | Z | 14:32:13.2 | 71.3 | 353.5 | 1.0 | 86 | 5.8 | | |
| MOX | e P | Z | 14:32:13.7 | 71.3 | 352.2 | 0.8 | 114 | 6.1 | | |
| TNS | e P | Z | 14:32:14.5 | 71.5 | 350.4 | 0.8 | 65 | 5.8 | | |
| GRA1 | e P | Z | 14:32:19.5 | 72.3 | 352.0 | 0.8 | 77 | 5.9 | | |
| | e pP | Z | 14:32:32.0 | | | | | | | |
| | e sP | Z | 14:32:37.7 | | | | | | | |
| WET | e P | Z | 14:32:23.6 | 72.9 | 352.9 | 1.2 | 54 | 5.5 | | |
| BFO | e P | Z | 14:32:25.5 | 73.3 | 350.5 | 0.8 | 35 | 5.5 | | |
| FUR | e P | Z | 14:32:28.4 | 73.8 | 352.1 | 0.8 | 95 | 6.0 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/08 | 18:25:59.5 | 35.780N | 15.530W | 9.9 | 4.3 | | | SZGRF |
| 2000/03/08 | 18:26:22.5 | 36.800N | 12.210W | 10G | 3.8 | | | NEIC |

North Atlantic Ocean

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 18:31:10.5 | 21.2 | 241.5 | | | 4.3 | | |
| | e pP | Z | 18:31:13.0 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/08 | 22:10:43.8 | | | N | | | | SZGRF |
| 2000/03/08 | 22:11:28.8 | 45.768N | 26.725E | 74 | 5.1 | | | NEIC |

Romania

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GEC2 | e P | Z | 22:13:41.1 | 9.3 | 104.3 | | | | | |
| BRG | e P | Z | 22:13:49.0 | 9.9 | 116.1 | | | | | |
| WET | e P | Z | 22:13:50.8 | 9.9 | 104.6 | | | | | |
| CLL | e P | Z | 22:13:58.2 | 10.6 | 116.1 | | | | | |
| RUE | e P | Z | 22:13:59.9 | 10.8 | 123.3 | | | | | |
| FUR | e P | Z | 22:14:03.0 | 10.8 | 97.1 | | | | | |
| GRA1 | e P | Z | 22:14:06.1 | 11.1 | 104.7 | | | | | |
| CLZ | e P | Z | 22:14:23.8 | 12.3 | 113.1 | | | | | |
| BFO | e P | Z | 22:14:29.3 | 12.8 | 94.7 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/08 | 23:07: 7.2 | 62.480N | 151.650W | 33.0N | 5.5 | | | SZGRF |
| 2000/03/08 | 23:07:12.0 | 62.233N | 151.400W | 103 | 5.3 | | | NEIC |

Central Alaska, United States

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e P | Z | 23:17:29.0 | 62.9 | 350.6 | 0.9 | 24 | 5.3 | | |
| CLZ | e P | Z | 23:17:43.1 | 65.0 | 350.7 | 0.7 | 53 | 5.9 | | |
| CLL | e P | Z | 23:17:47.1 | 65.8 | 352.1 | 0.7 | 25 | 5.5 | | |
| BRG | e P | Z | 23:17:50.8 | 66.3 | 352.6 | 0.8 | 31 | 5.6 | | |
| MOX | e P | Z | 23:17:51.1 | 66.3 | 351.5 | 0.7 | 46 | 5.8 | | |
| TNS | e P | Z | 23:17:51.5 | 66.4 | 349.9 | 0.7 | 18 | 5.4 | | |
| GRA1 | e P | Z | 23:17:57.2 | 67.2 | 351.3 | 0.9 | 20 | 5.3 | | |
| | e | | 23:17:59.3 | | | | | | | |
| WET | e P | Z | 23:18:01.2 | 67.9 | 352.2 | 1.2 | 29 | 5.4 | | |
| BFO | e P | Z | 23:18:03.1 | 68.3 | 350.0 | 1.1 | 20 | 5.2 | | |
| FUR | e P | Z | 23:18:06.3 | 68.7 | 351.4 | 0.9 | 61 | 5.8 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/09 | 06:05:53.9 | 5.730S | 67.750E | 33.0N | 5.7 | | | SZGRF |
| 2000/03/09 | 06:05:42.0 | 6.709S | 68.362E | 10G | 5.0 | 4.4 | | NEIC |

Carlsberg Ridge

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 06:17:25.5 | 75.0 | 120.2 | 2.0 | 151 | 5.7 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/09 | 19:16:34.8 | 47.630N | 149.180E | 580.4 | 5.6 | | | SZGRF |
| 2000/03/09 | 19:17:38.4 | 49.161N | 147.236E | 579D | 4.8 | | | NEIC |

Northwest of Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e P | Z | 19:27:59.7 | 70.7 | 28.2 | 0.9 | 30 | 5.4 | | |
| CLL | e P | Z | 19:28:07.6 | 72.2 | 29.5 | 1.0 | 112 | 5.9 | | |
| BRG | e P | Z | 19:28:08.4 | 72.3 | 30.0 | 1.1 | 31 | 5.2 | | |
| CLZ | e P | Z | 19:28:10.4 | 72.5 | 28.0 | 1.2 | 72 | 5.6 | | |
| | e pP | Z | 19:30:10.9 | | | | | | | |
| MOX | e P | Z | 19:28:13.8 | 73.2 | 28.5 | 1.2 | 44 | 5.5 | | |
| WET | e P | Z | 19:28:19.5 | 74.1 | 29.1 | 1.1 | 57 | 5.6 | | |
| GRA1 | e P | Z | 19:28:19.8 | 74.2 | 28.2 | 0.9 | 82 | 5.9 | | |
| TNS | e P | Z | 19:28:21.4 | 74.5 | 26.6 | 1.1 | 38 | 5.5 | | |
| FUR | e P | Z | 19:28:27.1 | 75.5 | 28.0 | 1.0 | 88 | 5.8 | | |
| | e pP | Z | 19:30:27.9 | | | | | | | |
| BFO | e P | Z | 19:28:30.7 | 76.3 | 26.3 | 1.0 | 31 | 5.3 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/10 | 04:00:18.2 | 50.813N | 157.053E | 55D | 5.0 | | | NEIC |

Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 04:11:58.8 | 75.4 | 21.5 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/10 | 05:31:14.2 | | | G | | | | SZGRF |

Northern Italy

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BFO | e Pn | Z | 05:32:16.6 | | | | | | | |
| | e Sn | N | 05:33:01.0 | | | | | | | |

| | | | | |
|---|---|---|---|---|
| GEC2 | e Pn | Z | 05:32:26.1 | |
| | e Sn | N | 05:33:19.6 | |
| MOX | e Sn | E | 05:33:52.5 | |
| TNS | e Sn | N | 05:33:46.3 | |
| WET | e Sn | N | 05:33:22.0 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/10 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 06:33:17.5 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/10 | 21:32:17.4 | 4.960N | 96.340E | 33.0N | | | | SZGRF |
| 2000/03/10 | 21:32:11.4 | 4.760N | 95.936E | 33N | 5.1 | 5.2 | | NEIC |

Northern Sumatera, Indonesia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 21:44:40.1 | 83.0 | 90.9 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/10 | 22:01:40.0 | 33.720N | 27.050E | 33.0 | 4.8 | | | SZGRF |
| 2000/03/10 | 22:01:48.2 | 34.308N | 26.096E | 33N | 5.1 | 5.1 | | NEIC |

Eastern Mediterranean Sea

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GEC2 | e P | Z | 22:05:48.8 | 17.2 | 143.1 | 1.5 | 32 | 4.2 | | |
| FUR | e P | Z | 22:05:54.6 | 17.7 | 136.0 | 0.9 | 144 | 5.2 | | |
| WET | e P | Z | 22:05:55.1 | 17.8 | 141.7 | 2.2 | 298 | 5.1 | | |
| BRG | e P | Z | 22:06:07.5 | 18.8 | 147.3 | 1.0 | 16 | 4.2 | | |
| GRA1 | e P | Z | 22:06:07.9 | 18.9 | 139.0 | 1.4 | 179 | 5.1 | | |
| STU | e P | Z | 22:06:10.6 | 19.1 | 132.9 | | | | | |
| BFO | e P | Z | 22:06:12.3 | 19.3 | 130.2 | 1.0 | 39 | 4.6 | | |
| MOX | e P | Z | 22:06:14.6 | 19.4 | 141.6 | 1.2 | 42 | 4.5 | | |
| CLL | e P | Z | 22:06:13.9 | 19.5 | 145.8 | 1.0 | 26 | 4.4 | | |
| RUE | e P | Z | 22:06:20.9 | 20.2 | 149.3 | | | | | |
| TNS | e P | Z | 22:06:25.9 | 20.5 | 134.3 | 1.6 | 204 | 5.2 | | |
| CLZ | e P | Z | 22:06:29.0 | 20.9 | 141.1 | 1.3 | 38 | 4.7 | | |
| WLF | e P | Z | 22:06:33.9 | 21.2 | 128.9 | | | | | |
| BUG | e P | Z | 22:06:40.3 | 21.9 | 134.3 | | | | | |
| IBBN | e P | Z | 22:06:44.4 | 22.3 | 136.7 | | | | | |
| BSEG | e P | Z | 22:06:45.4 | 22.5 | 144.1 | 1.5 | 108 | 5.1 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/11 | 10:35:30.5 | 42.020N | 13.110E | 10.0G | | | | SZGRF |
| 2000/03/11 | 10:35:26.9 | 41.938N | 12.941E | 10G | 4.9 | | | NEIC |

Central Italy

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GEC2 | e Pn | Z | 10:37:10.3 | 6.9 | 184.7 | | | | | |
| | e Sn | N | 10:38:26.8 | | | | | | | |
| BFO | e Pn | Z | 10:37:13.3 | 7.2 | 151.4 | | | | | |
| | e Sn | N | 10:38:33.5 | | | | | | | |
| WET | e Pn | Z | 10:37:14.5 | 7.2 | 179.6 | | | | | |
| | e Sn | N | 10:38:30.4 | | | | | | | |
| GRA1 | e Pn | Z | 10:37:21.9 | 7.8 | 170.6 | | | | | |
| MOX | e Pn | Z | 10:37:35.3 | 8.8 | 173.5 | | | | | |
| | e Sn | E | 10:39:07.3 | | | | | | | |
| TNS | e Pn | Z | 10:37:37.7 | 8.8 | 157.7 | | | | | |
| BRG | e Pn | Z | 10:37:37.4 | 9.0 | 184.8 | | | | | |
| | e Sn | N | 10:39:13.7 | | | | | | | |
| CLL | e Pn | Z | 10:37:42.6 | 9.4 | 180.3 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/11 | 17:18:34.1 | 29.050N | 139.940E | 33.0N | | | | SZGRF |
| 2000/03/11 | 17:19:13.6 | 27.542N | 139.690E | 459D | 4.9 | | | NEIC |

Southeast of Honshu, Japan

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | i P | Z | 17:31:26.2 | 90.2 | 44.0 | | | | | |
| CLL | e P | Z | 17:31:16.7 | 87.2 | 44.0 | 0.7 | 24 | 5.6 | | |
| WET | e P | Z | 17:31:24.5 | 88.9 | 43.8 | 1.1 | 15 | 5.1 | | |
| BFO | e P | Z | 17:31:36.5 | 91.5 | 40.4 | 1.1 | 38 | 5.6 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/12 | 00:28:47.0 | 45.150N | 15.140E | 10.0G | | | 3.8 | SZGRF |
| 2000/03/12 | 00:28:46.2 | 45.148N | 15.019E | 10G | | | | NEIC |

Northwestern Balkan Peninsula

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GEC2 | e Pn | Z | 00:29:45.0 | 3.8 | 165.9 | | | | | 3.4 |
| | e Sn | N | 00:30:30.2 | | | | | | | |
| | e Sg | E | 00:30:48.4 | | | | | | | |
| WET | e Pn | Z | 00:29:52.2 | 4.3 | 159.2 | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | e Sn | N | 00:30:41.0 | | | | | |
| GRA1 | e Pn | Z | 00:30:06.5 | 5.2 | 149.1 | | | 4.0 |
| BFO | e Pn | Z | 00:30:09.8 | 5.6 | 122.3 | | | 3.9 |
| | e Sg | E | 00:31:46.7 | | | | | |
| BRG | e Pn | Z | 00:30:12.0 | 5.8 | 172.4 | | | |
| MOX | e Pn | Z | 00:30:14.9 | 5.9 | 156.2 | | | |
| | e Sn | N | 00:31:20.8 | | | | | |
| CLL | e Pn | Z | 00:30:19.6 | 6.3 | 166.9 | | | |
| TNS | e Pn | Z | 00:30:26.3 | 6.7 | 136.4 | | | |
| | e Sn | N | 00:31:40.7 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/12 | 00:39:34.2 | 35.300N | 23.354E | 33N | 4.0 | 3.3 | | NEIC |

Crete, Greece

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e Pn | Z | 00:43:32.3 | 16.9 | 143.8 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/12 | 18:03:57.6 | 15.680N | 72.240E | 33.0N | 5.3 | | | SZGRF |
| 2000/03/12 | 18:03:55.9 | 17.001N | 73.779E | 33N | 4.9 | | | NEIC |

Arabian Sea

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 18:13:57.7 | 59.5 | 99.8 | 2.1 | 59 | 5.3 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/12 | 22:21:33.9 | 15.150N | 90.990W | 33.0N | 5.6 | 6.2 | | SZGRF |
| 2000/03/12 | 22:21:30.6 | 14.974N | 92.487W | 61D | 5.7 | | | NEIC |

Guatemala

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | i P | + Z | 22:34:02.4 | 85.2 | 289.0 | 1.2 | 70 | 5.8 | | |
| TNS | i P | + Z | 22:34:02.4 | 85.3 | 287.9 | 1.3 | 64 | 5.7 | | |
| BFO | i P | + Z | 22:34:04.5 | 85.8 | 287.9 | 1.3 | 29 | 5.3 | | |
| CLZ | i P | + Z | 22:34:05.8 | 86.0 | 289.2 | 1.2 | 44 | 5.6 | | |
| MOX | i P | + Z | 22:34:11.6 | 87.1 | 290.3 | 1.4 | 31 | 5.2 | | |
| GRA1 | i P | + Z | 22:34:12.1 | 87.2 | 290.0 | 1.4 | 53 | 5.5 | | |
| | e PP | Z | 22:37:30.9 | | | | | | | |
| | e S | E | 22:44:30.6 | | | | | | | |
| | e L | E | 23:11:21.2 | | | 21.9 | 9804 | | 6.2 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CLL | i P | + Z | 22:34:14.0 | 87.7 | 291.3 | 1.8 | 40 | 5.3 | |
| FUR | i P | + Z | 22:34:14.3 | 87.8 | 290.1 | 3.0 | 279 | 5.9 | |
| BRG | i P | + Z | 22:34:17.4 | 88.4 | 292.0 | 3.4 | 328 | 6.1 | |
| WET | i P | + Z | 22:34:17.7 | 88.4 | 291.3 | 1.9 | 74 | 5.5 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/13 | 14:18:29.4 | 34.040N | 24.260E | 33.0G | 4.7 | 3.8 | | SZGRF |
| 2000/03/13 | 14:18:48.2 | 35.455N | 23.217E | 55D | 4.7 | | | NEIC |

Crete, Greece

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| FUR | e P | Z | 14:22:29.1 | 15.5 | 140.8 | 1.1 | 181 | 5.1 | | |
| WET | e P | Z | 14:22:30.3 | 15.6 | 147.2 | 1.2 | 89 | 4.8 | | |
| GRA1 | e P | Z | 14:22:41.8 | 16.7 | 143.9 | 1.1 | 178 | 5.1 | | |
| | e L | Z | 14:29:57.5 | | | 24.3 | 580 | | 3.8 | |
| BRG | e P | Z | 14:22:42.7 | 16.8 | 153.0 | 1.6 | 78 | 4.6 | | |
| BFO | e P | Z | 14:22:42.9 | 16.9 | 134.0 | 1.1 | 26 | 4.4 | | |
| MOX | e P | Z | 14:22:48.9 | 17.3 | 146.7 | 1.8 | 35 | 4.3 | | |
| CLL | e P | Z | 14:22:49.3 | 17.5 | 151.2 | 1.0 | 24 | 4.4 | | |
| TNS | e P | Z | 14:22:59.7 | 18.2 | 138.4 | 1.0 | 54 | 4.7 | | |
| CLZ | e P | Z | 14:23:05.3 | 18.8 | 145.8 | 1.0 | 18 | 4.2 | | |
| BSEG | e P | Z | 14:23:23.6 | 20.6 | 148.8 | 1.3 | 201 | 5.4 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/13 | 19:58:12.7 | 34.710N | 23.870E | 33.0N | 4.4 | | | SZGRF |

Crete, Greece

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 20:02:16.3 | 17.6 | 143.5 | 1.5 | 48 | 4.4 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/13 | 23:17:30.8 | 32.800N | 42.370E | 33.0N | 4.6 | | | SZGRF |
| 2000/03/13 | 23:16:19.3 | 29.226N | 51.368E | 33N | 4.6 | 3.7 | | NEIC |

Iraq

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 23:23:23.8 | 36.5 | 108.9 | 0.9 | 8 | 4.6 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/14 | 01:46:10.5 | 20.791S | 178.880W | 584D | 4.7 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 02:04:57.0 | 150.0 | 19.1 | | | | | |
| | e | | 02:05:06.1 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/14 | 02:14:48.8 | 20.833S | 179.117W | 567D | 4.5 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 02:33:36.9 | 150.0 | 19.6 | | | | | |
| | e | | 02:33:46.7 | | | | | | | |
| CLL | e PKPdf | Z | 02:33:28.5 | 149.9 | 20.0 | | | | | |
| | i PKPbc | - Z | 02:33:32.6 | | | 1.0 | 53 | | | |
| | i PKPab | + Z | 02:33:38.1 | | | 0.7 | 23 | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/15 | 06:35:06.0 | 44.272S | 117.242W | 10G | 5.9 | 5.5 | | NEIC |

South Pacific Ocean

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 06:54:43.8 | 145.1 | 258.7 | | | | | |
| | e L | Z | 07:59:00.0 | | | 21.1 | 849 | | 5.5 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/15 | 20:46:19.5 | | | N | 4.8 | | | SZGRF |
| 2000/03/15 | 20:46:48.9 | 53.529N | 163.728W | 10G | 4.5 | | | NEIC |

Unimak Island, Alaska, United States, region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 20:58:44.0 | 76.7 | 356.9 | 0.8 | 5 | 4.8 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/16 | 01:42:38.8 | 17.710S | 177.670W | 639.0G | | | | GRSN |
| 2000/03/16 | 01:42:38.4 | 17.400S | 178.616W | 631? | 4.8 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 02:01:12.3 | 146.7 | 17.3 | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BSEG | i | PKP | + Z | 02:01:00.1 | 143.3 | 12.8 | 0.9 | 105 |
| CLL | i | PKPbc | + Z | 02:01:06.7 | 145.4 | 18.1 | 0.9 | 106 |
| TNS | i | PKPbc | + Z | 02:01:11.9 | 147.1 | 10.8 | 0.7 | 50 |
| | e | PKPab | Z | 02:01:15.4 | | | 0.8 | 47 |
| BFO | i | PKPbc | + Z | 02:01:16.5 | 149.0 | 11.1 | 1.0 | 56 |
| | e | PKPab | Z | 02:01:23.1 | | | 0.8 | 28 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/16 | 08:48:40.6 | 62.050N | 149.690W | 56.0G | 5.4 | | | GRSN |
| 2000/03/16 | 08:48:52.8 | 60.620N | 148.560W | 33.0 | 5.4 | | | SZGRF |
| 2000/03/16 | 08:48:56.2 | 61.512N | 150.001W | 56 | 4.8 | | | NEIC |

Kenai Peninsula, Alaska, United States

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e | P | Z 08:59:52.2 | 67.8 | 350.5 | 0.9 | 21 | 5.4 | | |
| BSEG | e | P | Z 08:59:24.4 | 62.9 | 349.6 | 0.9 | 24 | 5.3 | | |
| CLL | i | P | - Z 08:59:42.6 | 65.8 | 351.2 | 1.0 | 29 | 5.5 | | |
| TNS | e | P | Z 08:59:46.7 | 66.4 | 349.0 | 1.5 | 45 | 5.5 | | |
| BFO | e | P | Z 08:59:58.1 | 68.2 | 349.1 | 1.1 | 18 | 5.2 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/16 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e | PKP | Z 13:23:26.9 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/16 | 15:20: 7.9 | | | N | 5.5 | 5.9 | | SZGRF |
| 2000/03/16 | 15:19:56.0 | 40.386N | 125.279W | 8 | 5.5 | 5.5 | | NEIC |

Off coast of northern California, United States

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e | P | Z 15:32:21.7 | 82.1 | 328.0 | 1.3 | 47 | 5.5 | | |
| | e | L | Z 16:10:30.3 | | | 18.6 | 5078 | | 5.9 | |
| BSEG | i | P | + Z 15:32:00.5 | 77.8 | 327.2 | 1.4 | 58 | 5.5 | | |
| | e | L | Z 16:05:42.0 | | | 20.0 | 5134 | | 5.9 | |
| CLL | i | P | + Z 15:32:16.8 | 80.9 | 329.3 | 1.1 | 47 | 5.4 | | |
| | e | PP | Z 15:35:22.8 | | | | | | | |
| | e | S | E 15:42:28.4 | | | | | | | |
| | e | L | Z 16:08:24.9 | | | 20.0 | 6040 | | 5.9 | |
| BRG | i | P | + Z 15:32:20.6 | 81.6 | 330.0 | 1.0 | 50 | 5.6 | | |
| | e | PP | Z 15:35:29.4 | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | e S | | E | 15:42:32.9 | | | | | | |
| | | e SS | | E | 15:47:58.1 | | | | | | |
| | | e L | | Z | 16:07:15.7 | | | 20.0 | 6261 | | 6.0 |
| | WET | i P | + | Z | 15:32:26.5 | 82.7 | 329.4 | 1.3 | 20 | 5.2 | |
| | | e PP | | Z | 15:35:36.2 | | | | | | |
| | | e S | | E | 15:42:47.8 | | | | | | |
| | | e SS | | E | 15:48:08.4 | | | | | | |
| | | e L | | Z | 16:10:38.5 | | | 18.0 | 4828 | | 5.9 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/16 | 21:37:34.4 | | | G | 4.8 | | | SZGRF |
| 2000/03/16 | 21:37:35.3 | 57.628N | 152.882W | 21 | 4.7 | | | NEIC |

Kodiak Island, Alaska, United States, region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| MOX | e P | Z | 21:48:55.1 | 71.0 | 351.3 | | | | | |
| GRA1 | e P | Z | 21:49:00.9 | 71.9 | 351.1 | 0.7 | 5 | 4.8 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/17 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BFO | e PKPbc | Z | 10:13:41.9 | | | | | | | |
| BSEG | i PKPdf | + Z | 10:13:27.4 | | | 1.2 | 61 | | | |
| CLL | i PKPdf | + Z | 10:13:29.9 | | | | | | | |
| MOX | e PKPbc | Z | 10:13:34.2 | | | 1.3 | 15 | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/17 | 10:14:10.3 | 48.680N | 153.910E | 33.0N | 5.2 | | | SZGRF |
| 2000/03/17 | 10:14:06.2 | 48.803N | 155.258E | 43D | 5.0 | 4.6 | | NEIC |

Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 10:25:57.6 | 76.8 | 23.4 | 1.3 | 29 | 5.2 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/18 | 04:10: 4.8 | | | N | 4.7 | | | SZGRF |

Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 04:15:05.4 | | | 1.6 | 51 | 4.8 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/18 | 04:55:20.0 | | | G | | | | SZGRF |
| 2000/03/18 | 04:55:13.0 | 42.628N | 16.227E | 10 | | | | NEIC |

Adriatic Sea

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GEC2 | e Pn | Z | 04:56:52.4 | 6.5 | 163.3 | | | | | |
| | e Sn | N | 04:58:02.3 | | | | | | | |
| WET | e Pn | Z | 04:56:57.5 | 6.9 | 159.1 | | | | | |
| | e Sn | E | 04:58:12.0 | | | | | | | |
| GRC1 | e Pn | Z | 04:56:59.8 | 7.2 | 151.0 | | | | | |
| MOX | e Pn | Z | 04:57:21.7 | 8.6 | 156.7 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/18 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BFO | e PKP | Z | 13:46:58.5 | | | 1.0 | 5 | | | |
| BSEG | i PKP | + Z | 13:46:45.7 | | | 1.0 | 20 | | | |
| CLL | i PKP | + Z | 13:46:51.5 | | | 1.6 | 46 | | | |
| MOX | i PKP | + Z | 13:46:53.5 | | | 1.7 | 30 | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/18 | 13:27:03.1 | 21.555S | 174.335W | 33N | 4.7 | | | NEIC |

Tonga Islands

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKPbc | Z | 13:46:55.9 | 151.5 | 10.9 | | | | | |
| | e PKPab | Z | 13:47:04.7 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/18 | 14:38:53.3 | 23.970S | 179.730W | 563.0G | | | | GRSN |

South of Fiji Islands

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 14:57:48.0 | 95.3 | 259.3 | | | | | |
| | e | | 14:58:01.2 | | | | | | | |
| BSEG | i PKPbc | - Z | 14:57:38.5 | 149.1 | 18.1 | | | | | |
| | e PKPab | Z | 14:57:44.2 | | | 0.8 | 24 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLL | e PKPbc | Z | 14:57:43.0 | 151.0 | 24.5 | 0.8 | | 51 |
| | e PKPab | Z | 14:57:52.3 | | | 0.8 | | 17 |
| BRG | i PKPbc | - Z | 14:57:43.5 | 151.1 | 26.5 | 0.9 | | 29 |
| | e PKPab | Z | 14:57:52.9 | | | 0.9 | | 13 |
| TNS | i PKPbc | - Z | 14:57:47.3 | 153.0 | 16.6 | 0.6 | | 8 |
| | e PKPab | Z | 14:58:00.9 | | | 1.1 | | 15 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/18 | 23:21:48.5 | 27.750S | 178.170E | 33.0N | | | | SZGRF |
| 2000/03/18 | 23:22:50.8 | 24.251S | 178.951E | 522? | 5.1 | | | NEIC |

Kermadec Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e PKPdf | Z | 23:41:35.4 | 149.1 | 20.5 | | | | | |
| | e PKPbc | Z | 23:41:40.3 | | | | | | | |
| | e PKPab | Z | 23:41:47.0 | | | | | | | |
| CLL | e PKPdf | Z | 23:41:37.7 | 150.9 | 27.0 | | | | | |
| | e PKPbc | Z | 23:41:44.6 | | | | | | | |
| | e PKPab | Z | 23:41:54.7 | | | | | | | |
| BRG | e PKPdf | Z | 23:41:37.8 | 151.0 | 29.1 | | | | | |
| | e PKPbc | Z | 23:41:45.0 | | | | | | | |
| | e PKPab | Z | 23:41:55.3 | | | | | | | |
| CLZ | e PKPdf | Z | 23:41:38.0 | 151.1 | 21.9 | | | | | |
| | e PKPbc | Z | 23:41:45.1 | | | | | | | |
| | e PKPab | Z | 23:41:55.6 | | | | | | | |
| MOX | e PKPdf | Z | 23:41:39.0 | 151.8 | 25.1 | | | | | |
| | e PKPbc | Z | 23:41:46.7 | | | | | | | |
| | e PKPab | Z | 23:41:58.8 | | | | | | | |
| GRA1 | e PKPdf | Z | 23:41:40.5 | 152.8 | 25.1 | | | | | |
| | e PKPbc | Z | 23:41:49.2 | | | | | | | |
| | e PKPab | Z | 23:42:03.6 | | | | | | | |
| TNS | e PKPdf | Z | 23:41:41.1 | 153.0 | 19.4 | | | | | |
| | e PKPbc | Z | 23:41:49.2 | | | | | | | |
| | e PKPab | Z | 23:42:03.7 | | | | | | | |
| FUR | e PKPdf | Z | 23:41:42.4 | 154.2 | 26.5 | | | | | |
| | e PKPbc | Z | 23:41:51.7 | | | | | | | |
| | e PKPab | Z | 23:42:09.4 | | | | | | | |
| BFO | e PKPab | Z | 23:42:11.3 | 154.8 | 20.4 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 02:48:26.1 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | 03:49:10.9 | 37.580N | 144.360E | 33.0N | 5.4 | | | SZGRF |

Off east coast of Honshu, Japan

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 04:01:35.4 | 83.4 | 35.6 | 1.6 | 38 | 5.4 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | 07:26:39.8 | 23.290N | 66.240W | 33.0N | 4.6 | | | SZGRF |
| 2000/03/19 | 07:25:15.7 | 18.451N | 81.507W | 33N | 4.4 | | | NEIC |

North Atlantic Ocean

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 07:37:13.7 | 77.8 | 284.2 | 0.7 | 3 | 4.6 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | 12:23:36.0 | | | N | 5.0 | 4.7 | | SZGRF |

North Atlantic Ocean

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 12:36:15.2 | | | 1.2 | 15 | 5.0 | | |
| | e L | Z | 13:06:27.5 | | | 20.2 | 311 | | 4.7 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | 13:47:20.2 | 40.010N | 146.460E | 33.0N | 5.2 | | | SZGRF |
| 2000/03/19 | 13:48:29.1 | 43.613N | 135.701E | 333* | 4.5 | | | NEIC |

Off east coast of Honshu, Japan

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 13:59:37.6 | 74.9 | 38.2 | 0.8 | 14 | 5.2 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e (P) | Z | 18:09:39.3 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | 19:22:14.1 | 6.749S | 143.965E | 33N | 5.3 | 4.9 | | NEIC |

New Guinea, Papua New Guinea

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRB3 | e PKP | Z | 19:41:06.3 | 121.6 | 59.8 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/19 | 21:25:53.7 | 37.880N | 144.290E | 33.0N | 5.7 | | | SZGRF |
| 2000/03/19 | 21:26:03.5 | 38.236N | 141.343E | 79D | 5.4 | | | NEIC |

Off east coast of Honshu, Japan

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | i P | Z | 21:38:16.7 | 81.7 | 37.4 | 1.1 | 57 | 5.7 | | |
| | e | | 21:38:37.3 | | | | | | | |
| BSEG | i P | - Z | 21:38:00.1 | 79.4 | 36.5 | 0.8 | 37 | 5.3 | | |
| | e pP | Z | 21:38:20.6 | | | | | | | |
| CLL | i P | - Z | 21:38:05.5 | 80.5 | 38.2 | 0.9 | 43 | 5.5 | | |
| | e pP | Z | 21:38:26.1 | | | | | | | |
| FUR | i P | - Z | 21:38:22.6 | 83.7 | 36.7 | 0.8 | 65 | 5.9 | | |
| | e pP | Z | 21:38:43.0 | | | | | | | |
| BFO | i P | - Z | 21:38:27.5 | 84.7 | 34.7 | 0.9 | 45 | 5.6 | | |
| | e pP | Z | 21:38:48.6 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/20 | 00:56:47.7 | 15.970S | 167.720E | 33N | 5.0 | | | NEIC |

Vanuatu Islands

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 01:16:30.6 | 141.3 | 37.8 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/20 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 02:59:02.0 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/20 | 06:45:25.8 | 39.650N | 43.690E | 33.0N | 5.0 | | | SZGRF |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/20 | 06:45:33.2 | 40.396N | 42.359E | 10G | 4.5 | | | NEIC |

Turkey

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 06:50:46.4 | 23.7 | 101.2 | 1.7 | 50 | 5.0 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/20 | 14:53:21.9 | | | N | 5.1 | | | SZGRF |

Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 15:05:30.6 | | | 0.9 | 17 | 5.1 | | |
| CLL | i P | + Z | 15:05:17.2 | 75.5 | 27.6 | 0.8 | 19 | 5.3 | | |
| | e pP | Z | 15:05:30.3 | | | | | | | |
| MOX | i P | Z | 15:05:24.0 | 76.5 | 26.7 | 1.1 | 12 | 4.9 | | |
| | e pP | Z | 15:05:35.3 | | | | | | | |
| TNS | i P | Z | 15:05:32.0 | 77.7 | 24.6 | 0.8 | 9 | 4.9 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/21 | 04:32:21.1 | 30.970N | 143.550E | 42.5 | 5.5 | | | GRSN |

Southeast of Honshu, Japan

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | i P | + Z | 04:45:08.7 | 86.0 | 38.8 | 0.8 | 33 | 5.5 | | |
| | e pP | Z | 04:45:21.3 | | | | | | | |
| CLL | i P | + Z | 04:45:13.3 | 87.0 | 40.7 | 1.0 | 51 | 5.8 | | |
| | e pP | Z | 04:45:25.6 | | | | | | | |
| BFO | i P | - Z | 04:45:33.1 | 91.2 | 37.2 | 1.4 | 23 | 5.3 | | |
| GRA1 | e P | Z | 04:45:22.9 | 87.7 | 39.7 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/21 | 05:26:07.3 | 3.103N | 128.085E | 103D | 6.1 | | | NEIC |

North of Halmahera, Indonesia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e Pdiff | Z | 05:40:02.3 | 104.5 | 66.9 | | | | | |
| | e PP | Z | 05:44:26.9 | | | | | | | |
| | e L | Z | 06:33:54.0 | | | 20.4 | 688 | | 5.2 | |
| BRG | i Pdiff | + Z | 05:39:53.3 | | | 1.2 | 36 | | | |
| | e PP | Z | 05:44:09.5 | | | 1.7 | 93 | | | |
| | e PS | Z | 05:53:08.5 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | e L | Z | 06:29:12.6 | | 22.0 | 866 | 5.2 |
| CLL | i Pdiff | + Z | 05:39:54.7 | | 1.6 | 46 | |
| | e pPdiff | Z | 05:40:40.0 | | | | |
| | e PP | Z | 05:44:12.7 | | 1.6 | 90 | |
| | e PS | Z | 05:53:20.9 | | | | |
| | e L | Z | 06:31:25.8 | | 18.0 | 963 | 5.4 |
| CLZ | i Pdiff | + Z | 05:40:01.3 | | 1.2 | 35 | |
| | e pPdiff | Z | 05:40:45.9 | | | | |
| | e PP | Z | 05:44:22.3 | | 1.3 | 41 | |
| | e PS | Z | 05:53:26.6 | | | | |
| | e L | Z | 06:29:38.4 | | 22.0 | 775 | 5.2 |
| MOX | i Pdiff | + Z | 05:40:00.1 | | 1.4 | 27 | |
| | e PP | Z | 05:44:20.7 | | 1.6 | 98 | |
| | e PS | Z | 05:53:29.3 | | | | |
| | e L | Z | 06:33:25.2 | | 20.0 | 986 | 5.3 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/21 | 13:11: 0.3 | 21.850S | 177.040W | 504.0G | | | | GRSN |
| 2000/03/21 | 13:11:13.3 | 20.458S | 178.306W | 532D | 4.6 | | | NEIC |

Fiji Islands region

| | Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | GRA1 | e PKPbc | Z | 13:30:04.7 | 149.8 | 18.0 | | | | | |
| | | e PKPab | Z | 13:30:12.6 | | | | | | | |
| | BSEG | e PKPdf | Z | 13:29:52.3 | 147.4 | 12.8 | | | | | |
| | | i PKPbc | - Z | 13:29:54.1 | | | 0.9 | 51 | | | |
| | CLL | e PKPdf | Z | 13:29:55.5 | 149.5 | 18.6 | | | | | |
| | | i PKPbc | - Z | 13:29:59.5 | | | 0.7 | 56 | | | |
| | | e PKPab | Z | 13:30:04.0 | | | | | | | |
| | MOX | e PKPdf | Z | 13:29:56.7 | 150.4 | 16.4 | | | | | |
| | | i PKPbc | - Z | 13:30:01.6 | | | 0.9 | 19 | | | |
| | | e PKPab | Z | 13:30:07.7 | | | | | | | |
| | TNS | i PKPbc | - Z | 13:30:04.1 | 151.3 | 10.7 | 0.8 | 19 | | | |
| | | e PKPab | Z | 13:30:11.8 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/21 | 14:07:45.8 | 39.360N | 49.600E | 33.0G | 5.4 | | | SZGRF |
| 2000/03/21 | 14:07:40.4 | 39.867N | 48.191E | 58D | 5.0 | 4.3 | | NEIC |

Caspian Sea

| | Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GEC2 | e P | Z | 14:13:25.3 | 26.0 | 97.1 | 0.9 | 163 | 5.8 |
| BRG | e P | Z | 14:13:27.2 | 26.2 | 101.5 | 3.1 | 525 | 5.7 |
| WET | e P | Z | 14:13:32.4 | 26.6 | 97.0 | 1.1 | 41 | 5.2 |
| CLL | e P | Z | 14:13:33.5 | 26.8 | 101.4 | 2.3 | 313 | 5.7 |
| CLZ | e P | Z | 14:13:48.9 | 28.5 | 99.7 | 1.3 | 45 | 5.1 |
| TNS | e P | Z | 14:13:56.6 | 29.5 | 95.1 | 0.9 | 24 | 5.1 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/22 | 04:37:57.4 | 22.500S | 179.050W | 644.0G | | | | GRSN |
| 2000/03/22 | 04:37:53.7 | 21.940S | 179.737W | 600G | 4.2 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 04:56:40.9 | 150.9 | 21.3 | | | | | |
| BSEG | i PKPbc | - Z | 04:56:31.4 | 147.8 | 16.4 | 0.8 | 12 | | | |
| | e PKPab | Z | 04:56:35.3 | | | | | | | |
| CLL | e PKPdf | Z | 04:56:31.8 | 149.7 | 22.5 | | | | | |
| | i PKPbc | - Z | 04:56:36.1 | | | 0.9 | 21 | | | |
| | e PKPab | Z | 04:56:42.9 | | | | | | | |
| BRG | i PKPbc | - Z | 04:56:36.6 | 149.9 | 24.4 | 0.8 | 13 | | | |
| | e PKPab | Z | 04:56:43.4 | | | | | | | |
| WET | e PKPbc | Z | 04:56:40.8 | 151.7 | 23.8 | | | | | |
| | e PKPab | Z | 04:56:52.1 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/22 | 07:02:34.4 | 12.040S | 65.800E | 33.8 | 5.2 | | | SZGRF |
| 2000/03/22 | 07:02:27.5 | 12.166S | 65.827E | 10G | 5.1 | 5.1 | | NEIC |

Mid-Indian Ridge

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 07:14:30.0 | 78.1 | 125.5 | 1.1 | 22 | 5.2 | | |
| | e pP | Z | 07:14:37.7 | | | | | | | |
| | e sP | Z | 07:14:47.3 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/22 | 11:51:27.5 | 18.080S | 177.380W | 498.1 | | | | GRSN |
| 2000/03/22 | 11:51:27.6 | 17.920S | 178.330W | 500G | 4.0 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 12:10:15.7 | 147.3 | 17.0 | | | | | |
| BSEG | e PKPbc | Z | 12:10:03.7 | 143.7 | 12.4 | 1.1 | 22 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CLL | i PKPbc | - Z | 12:10:10.2 | 145.8 | 17.7 | 0.8 | 21 | |
| TNS | i PKPbc | - Z | 12:10:15.3 | 147.5 | 10.4 | 0.6 | 13 | |
| | e pPKPbc | Z | 12:12:11.3 | | | | | |
| BFO | i PKPbc | - Z | 12:10:19.9 | 149.4 | 10.7 | 1.0 | 11 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/22 | 23:32:26.7 | 14.583S | 167.237E | 170D | 5.0 | | | NEIC |

Vanuatu Islands

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 23:51:30.1 | 139.8 | 37.6 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/23 | 11:41:28.6 | 48.480N | 151.790E | 33.0N | 5.6 | | | SZGRF |

Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e P | Z | 11:52:52.7 | 72.5 | 25.6 | 0.9 | 25 | 5.4 | | |
| CLL | e P | Z | 11:53:01.6 | 74.2 | 27.0 | 0.8 | 79 | 5.8 | | |
| BRG | e P | Z | 11:53:02.5 | 74.3 | 27.5 | 0.7 | 16 | 5.1 | | |
| CLZ | e P | Z | 11:53:03.8 | 74.4 | 25.4 | 0.9 | 55 | 5.6 | | |
| MOX | e P | Z | 11:53:07.6 | 75.2 | 26.1 | 1.1 | 44 | 5.5 | | |
| GRFO | e P | Z | 11:53:13.6 | 76.1 | 25.7 | 0.8 | 70 | 5.9 | | |
| WET | e P | Z | 11:53:13.7 | 76.1 | 26.7 | 1.0 | 42 | 5.5 | | |
| TNS | e P | Z | 11:53:14.8 | 76.4 | 24.0 | 0.7 | 46 | 5.7 | | |
| FUR | e P | Z | 11:53:20.9 | 77.5 | 25.6 | 1.0 | 59 | 5.7 | | |
| BFO | e P | Z | 11:53:24.4 | 78.2 | 23.8 | 0.9 | 37 | 5.4 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/23 | 14:15:25.3 | 52.620N | 170.960E | 33.0N | 5.6 | | | SZGRF |

Near Islands, Aleutian Islands, United States

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e P | Z | 14:26:47.6 | 72.2 | 12.2 | 1.1 | 60 | 5.6 | | |
| CLZ | e P | Z | 14:26:59.5 | 74.3 | 12.1 | 1.2 | 96 | 5.7 | | |
| CLL | e P | Z | 14:26:59.7 | 74.4 | 13.7 | 1.4 | 82 | 5.6 | | |
| BRG | e P | Z | 14:27:01.4 | 74.7 | 14.2 | 1.2 | 68 | 5.5 | | |
| MOX | e P | Z | 14:27:04.9 | 75.3 | 12.8 | 1.2 | 52 | 5.5 | | |
| TNS | e P | Z | 14:27:09.7 | 76.1 | 10.8 | 1.3 | 40 | 5.4 | | |
| GRFO | e P | Z | 14:27:11.1 | 76.3 | 12.5 | 1.3 | 89 | 5.7 | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| WET | e P | Z | 14:27:12.4 | 76.6 | 13.5 | 1.2 | 65 | 5.6 |
| BFO | e P | Z | 14:27:19.9 | 78.0 | 10.7 | 1.4 | 60 | 5.5 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/24 | 04:23:56.7 | 27.600N | 111.250W | 33.0N | 5.6 | 5.8 | | SZGRF |
| 2000/03/24 | 04:23:46.1 | 27.576N | 111.302W | 10G | 5.1 | 5.4 | | NEIC |

Gulf of California, Mexico

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 04:36:40.9 | 87.4 | 311.6 | 2.0 | 70 | 5.6 | | |
| | e L | Z | 05:17:29.5 | | | 19.3 | 3471 | | 5.8 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/25 | 02:05:19.9 | 18.167S | 178.391W | 500G | 4.3 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 02:24:06.4 | 147.5 | 17.2 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/25 | 11:26:29.6 | 15.290N | 91.570W | 33.0N | 4.8 | | | SZGRF |
| 2000/03/25 | 11:26:01.7 | 15.066N | 91.563W | 163D | 4.7 | | | NEIC |

Mexico-Guatemala border region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 11:39:09.0 | 86.6 | 289.4 | 1.3 | 10 | 4.8 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/25 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 16:38:41.2 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/25 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 16:44:34.8 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/25 | 22:59:18.0 | | | N | 5.0 | | | SZGRF |

Mexico-Guatemala border region

| | Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | GRA1 | e P | Z | 23:12:02.9 | | | 1.3 | 17 | 5.0 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/26 | 08:27:55.2 | | | N | 4.3 | | | SZGRF |
| 2000/03/26 | 08:27:45.8 | 71.002N | 13.365W | 10G | 4.0 | | | NEIC |

Jan Mayen Island region

| | Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | GRA1 | e P | Z | 08:33:03.3 | 24.1 | 340.7 | 0.7 | 8 | 4.3 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/26 | | | | | | | | |

| | Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | GRA1 | e PKP | Z | 20:33:14.1 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/26 | 20:40:16.7 | 35.480N | 87.050E | 33.0N | 4.8 | 4.7 | | SZGRF |
| 2000/03/26 | 20:41:19.3 | 39.257N | 76.847E | 33N | 4.6 | 4.4 | | NEIC |

Xizang

| | Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | GRA1 | e P | Z | 20:49:46.1 | 46.4 | 76.8 | 0.8 | 8 | 4.8 | | |
| | | e L | Z | 21:10:38.8 | | | 20.0 | 719 | | 4.7 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/27 | 02:55:44.3 | 31.710N | 39.920W | 33.0N | 5.3 | 4.5 | | SZGRF |
| 2000/03/27 | 02:55:34.3 | 31.868N | 40.977W | 10G | 5.2 | 4.6 | | NEIC |
| 2000/03/27 | 02:55:18.9 | 31.570N | 41.260W | | 5.2 | 4.6 | | GRSN |

Northern Mid-Atlantic Ridge

| | Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | GRA1 | e P | Z | 03:03:30.7 | 42.3 | 265.3 | 1.5 | 93 | 5.3 | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | e | S | | E | 03:09:46.6 | | | | | |
| | e | L | | Z | 03:18:30.0 | | | 19.1 | 613 | 4.5 |
| BFO | i | P | - | Z | 03:03:13.6 | 40.7 | 264.3 | 1.8 | 116 | 5.3 |
| | e | S | | E | 03:09:25.3 | | | | | |
| | e | SS | | E | 03:12:26.6 | | | | | |
| | e | L | | Z | 03:17:42.5 | | | 18.0 | 486 | 4.4 |
| CLZ | i | P | - | Z | 03:03:28.2 | 42.4 | 262.1 | 1.2 | 63 | 5.2 |
| | e | S | | E | 03:09:49.4 | | | | | |
| | e | SS | | E | 03:13:06.8 | | | | | |
| | e | L | | Z | 03:18:12.6 | | | 18.0 | 551 | 4.5 |
| CLL | i | P | - | Z | 03:03:40.7 | 44.0 | 264.9 | 1.2 | 39 | 5.0 |
| | e | S | | E | 03:10:11.7 | | | | | |
| | e | SS | | E | 03:13:34.2 | | | | | |
| | e | L | | Z | 03:19:27.0 | | | 18.0 | 629 | 4.6 |
| BRG | i | P | - | Z | 03:03:44.9 | 44.5 | 266.2 | 2.1 | 113 | 5.4 |
| | e | S | | E | 03:10:20.7 | | | | | |
| | e | SS | | E | 03:13:48.6 | | | | | |
| | e | L | | Z | 03:20:08.8 | | | 18.0 | 1186 | 4.9 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/27 | 17:35:00.1 | 16.120S | 173.023W | 33N | 4.8 | 5.1 | | NEIC |

Samoa Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 17:54:39.7 | 146.3 | 7.4 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/27 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e PKP | Z | 22:49:18.1 | | | 1.1 | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/28 | 11:00:16.4 | 22.510N | 143.190E | 133.6 | 6.8 | 7.3 | | SZGRF |
| 2000/03/28 | 11:00:21.7 | 22.362N | 143.680E | 119D | 6.8 | | | NEIC |

Volcano Islands, Japan, region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e P | Z | 11:13:28.4 | 93.8 | 42.4 | 1.0 | 625 | 6.9 | | |
| BRG | e P | Z | 11:13:31.6 | 94.5 | 45.5 | 1.5 | 563 | 6.7 | | |
| CLL | e P | Z | 11:13:31.8 | 94.6 | 44.7 | 1.0 | 382 | 6.7 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CLZ | e P | Z | 11:13:35.7 | 95.3 | 42.5 | 1.1 | 360 | 6.7 | |
| MOX | e P | Z | 11:13:37.1 | 95.7 | 43.6 | 1.3 | 405 | 6.8 | |
| WET | e P | Z | 11:13:39.6 | 96.2 | 44.8 | 1.8 | 617 | 6.8 | |
| GRA1 | e P | Z | 11:13:41.6 | 96.5 | 43.4 | 1.4 | 838 | 7.1 | |
| | e pP | Z | 11:14:15.8 | | | | | | |
| | e PP | Z | 11:17:34.4 | | | | | | |
| | e SKS | E | 11:24:03.2 | | | | | | |
| | e PKKP | Z | 11:30:18.0 | | | | | | |
| | e pPKKP | Z | 11:30:54.6 | | | | | | |
| | e SS | N | 11:31:18.9 | | | | | | |
| | e PKPPKP | Z | 11:38:36.0 | | | | | | |
| | e L | Z | 12:04:06.6 | | | 20.0 | 113451 | 7.3 | |
| TNS | e P | Z | 11:13:44.8 | 97.3 | 41.0 | 0.9 | 171 | 6.7 | |
| FUR | e P | Z | 11:13:46.3 | 97.6 | 43.5 | 1.5 | 972 | 7.3 | |
| BFO | e P | Z | 11:13:51.3 | 98.8 | 41.1 | 1.1 | 210 | 6.8 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/28 | 19:25:51.0 | | | N | | | | SZGRF |

Volcano Islands, Japan, region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA2 | e P | Z | 19:36:00.8 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/29 | 05:34:51.4 | 17.455S | 179.012W | 590? | 4.3 | | | NEIC |

Fiji Islands region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| CLZ | e PKP | Z | 05:53:24.6 | 144.8 | 15.7 | | | | | |
| CLL | e PKP | Z | 05:53:24.3 | 144.8 | 20.2 | | | | | |
| TNS | e PKP | Z | 05:53:29.8 | 146.7 | 13.0 | | | | | |
| GRB5 | e PKP | Z | 05:53:31.2 | 147.2 | 19.1 | | | | | |
| BFO | e PKP | Z | 05:53:34.6 | 148.5 | 13.5 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/29 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BFO | e PKPdf | Z | 07:33:50.7 | | | | | | | |
| | e PKPab | Z | 07:34:31.7 | | | | | | | |
| | e PP | Z | 07:38:08.7 | | | 11.6 | 440 | | | |
| | e L | Z | 08:44:09.5 | | | 20.0 | 1534 | | 5.8 | |
| CLL | e PKPdf | Z | 07:33:47.7 | | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | e PKPab | Z | 07:34:15.5 | | | | |
| | e PP | Z | 07:37:56.6 | | 7.9 | 443 | |
| | e L | Z | 08:50:20.4 | | 20.0 | 2267 | 6.0 |
| CLZ | e PKPdf | Z | 07:33:45.0 | | | | |
| | e PKPab | Z | 07:34:11.3 | | | | |
| | e PP | Z | 07:37:48.8 | | 8.5 | 485 | |
| | e L | Z | 08:55:00.6 | | 20.0 | 1501 | 5.8 |
| MOX | e PKPdf | Z | 07:33:49.8 | | | | |
| | e PKPab | Z | 07:34:17.1 | | | | |
| | e PP | Z | 07:37:50.7 | | 7.4 | 506 | |
| | e L | Z | 08:51:52.4 | | 18.0 | 2248 | 6.0 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/29 | 13:47:38.8 | 45.397N | 148.304E | 114D | 4.8 | | | NEIC |

Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 13:59:27.5 | 77.9 | 29.3 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/30 | 00:12:55.8 | 43.110N | 140.540E | 33.0N | 5.3 | | | SZGRF |
| 2000/03/30 | 00:12:45.6 | 42.512N | 140.723E | 10G | 4.9 | 3.9 | | NEIC |

Hokkaido, Japan, region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 00:24:46.8 | 77.8 | 35.6 | 0.9 | 20 | 5.3 | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/30 | 02:22:27.1 | | | G | | | | SZGRF |
| 2000/03/30 | 02:24:33.2 | 39.139N | 13.730E | 413 | 4.4 | | | NEIC |

Tyrrhenian Sea

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 02:27:00.1 | 10.7 | 169.5 | 0.7 | 53 | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/30 | 07:06: 6.1 | 43.100N | 146.080E | 33.0N | 5.5 | | | SZGRF |
| 2000/03/30 | 07:06:07.1 | 43.372N | 146.443E | 64D | 5.1 | | | NEIC |

Kuril Islands, Russia

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BSEG | e P | Z | 07:17:49.2 | 75.7 | 31.3 | 0.9 | 71 | 5.8 |
| CLL | e P | Z | 07:17:56.1 | 77.1 | 32.8 | 0.8 | 94 | 5.9 |
| BRG | e P | Z | 07:17:56.7 | 77.1 | 33.4 | 0.9 | 24 | 5.3 |
| CLZ | e P | Z | 07:17:59.3 | 77.5 | 31.1 | 1.7 | 194 | 6.0 |
| MOX | e P | Z | 07:18:02.3 | 78.1 | 31.8 | 1.3 | 40 | 5.3 |
| WET | e P | Z | 07:18:07.3 | 78.9 | 32.5 | 1.0 | 41 | 5.4 |
| GRA1 | e P | Z | 07:18:08.0 | 79.1 | 31.4 | 1.0 | 80 | 5.6 |
| TNS | e P | Z | 07:18:09.9 | 79.5 | 29.7 | 1.5 | 53 | 5.3 |
| BFO | e P | Z | 07:18:18.9 | 81.2 | 29.4 | 0.9 | 24 | 5.3 |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/30 | 09:30:48.0 | | | N | | | | SZGRF |
| 2000/03/30 | 09:32:17.7 | 39.478N | 15.795E | 268 | 4.5 | | | NEIC |

Southern Italy

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 09:34:45.4 | 10.7 | 160.7 | 1.0 | 255 | | | |
| BRG | i P | Z | 09:34:55.6 | | | 0.9 | 249 | | | |
| BSEG | i P | Z | 09:35:36.7 | | | 1.2 | 236 | | | |
| | e S | N | 09:38:23.4 | | | | | | | |
| CLL | i P | Z | 09:35:02.8 | | | 0.8 | 231 | | | |
| | e S | N | 09:37:23.1 | | | | | | | |
| FUR | e P | Z | 09:34:28.1 | | | 0.9 | 531 | | | |
| | e S | N | 09:36:10.1 | | | | | | | |
| WET | i P | Z | 09:34:35.0 | | | 1.2 | 393 | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/30 | 20:58:11.2 | 23.271S | 179.630W | 500G | 4.2 | | | NEIC |

South of Fiji Islands

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BSEG | e PKP | Z | 21:17:01.2 | 148.4 | 17.6 | | | | | |
| CLL | e PKP | Z | 21:17:05.6 | 150.3 | 23.9 | | | | | |
| CLZ | e PKP | Z | 21:17:05.8 | 150.4 | 18.9 | | | | | |
| BRG | e PKP | Z | 21:17:06.1 | 150.5 | 25.9 | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/31 | 07:27:42.5 | 56.010N | 163.300E | 33.0N | 5.3 | | | SZGRF |
| 2000/03/31 | 07:27:38.8 | 56.182N | 164.192E | 33N | 5.3 | 4.6 | | NEIC |
| 2000/03/31 | 07:27:31.2 | 55.720N | 165.070E | 29.7 | 5.1 | | | GRSN |

Komandorsky Islands, Russia, region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 07:39:02.1 | 71.8 | 15.4 | 0.9 | 23 | 5.3 | | |
| CLL | i P | - Z | 07:38:49.9 | 70.5 | 16.3 | 1.3 | 33 | 5.3 | | |
| | e pP | Z | 07:38:58.5 | | | | | | | |
| MOX | i P | - Z | 07:38:55.4 | 71.4 | 15.4 | 1.1 | 17 | 5.1 | | |
| | e pP | Z | 07:39:03.7 | | | | | | | |
| WET | i P | - Z | 07:39:03.4 | 72.6 | 16.0 | 1.2 | 25 | 5.2 | | |
| | e pP | Z | 07:39:11.3 | | | | | | | |
| BFO | i P | - Z | 07:39:12.0 | 74.1 | 13.4 | 1.0 | 16 | 5.0 | | |
| | e pP | Z | 07:39:20.9 | | | | | | | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/31 | 18:12:21.3 | 42.564N | 140.776E | 10G | 5.1 | 4.5 | | NEIC |

Hokkaido, Japan, region

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| GRA1 | e P | Z | 18:24:22.7 | 77.7 | 35.5 | 1.0 | 23 | 5.2 | | |
| | e L | Z | 19:01:45.3 | | | 18.4 | 365 | | 4.7 | |

| Date | Origin Time | Lat | Long | Depth | mb | Ms | ML | Source |
|---|---|---|---|---|---|---|---|---|
| 2000/03/31 | | | | | | | | |

| Sta | Phase | | Time | Dist | BAz | T[s] | A[nm] | mb | MS | ML |
|---|---|---|---|---|---|---|---|---|---|---|
| BFO | e PKPbc | Z | 18:40:21.0 | | | 1.2 | 4 | | | |
| | e PKPab | Z | 18:40:34.8 | | | 1.2 | 11 | | | |
| BSEG | e PKPdf | Z | 18:40:04.3 | | | | | | | |
| | e PKPbc | Z | 18:40:07.6 | | | | | | | |
| CLL | e PKPdf | Z | 18:40:07.7 | | | | | | | |
| | i PKPbc | + Z | 18:40:13.5 | | | 1.0 | 20 | | | |
| MOX | e PKPbc | Z | 18:40:15.8 | | | 2.3 | 56 | | | |
| | e PKPab | Z | 18:40:23.5 | | | 1.0 | 5 | | | |

Format description
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(K. Klinge, A. Schick)

In general all regional and teleseismic events clearly recorded with GRF-Array stations and stronger events recorded with stations of the German Regional Seismological Network (GRSN) are included in this bulletin. Additional to primary phases we intent to report secondary phases with common interest from stronger events (ISOP-analysis).
Each event is reported by several EPICENTER LINES with possible COMMENT LINES, a REGION LINE and a block of PHASE LINES.

EPICENTER LINES:

The epicenter locations of several authorities can be reported. The epicenter location with the highest priority (i.e. the most reliable one) is written in the undermost EPICENTER LINE. The REGION LINE and all origin related parameter in the PHASE LINES (i.e. Def, Dist, EvAz) are determined regarding this epicenter location with the highest priority.

| | |
|---|---|
| Date | Date of the event |
| Origin Time | Origin time of the event |
| Lat | Geographic latitude (N/S) of epicenter in degree |
| Long | Geographic longitude (E/W) of epicenter in degree |
| Depth | Depth of the hypocenter beneath the surface in kilometer<br>Appended flag indicates the method by which the depth was determined:<br>BLANK - free<br>N - preset depth of 33 kilometer<br>G - geophysicist preset depth |
| mb, Ms, ML | Magnitudes of the event and magnitude type |
| Source | Abbreviations for the authority (e.g. SZGRF, NEIC, PIDC, SED) |

COMMENT LINE:
Each EPICENTER LINE can be followed by a COMMENT LINE about interesting topics submitted by the preceding authority.

REGION LINE:
The region name of the epicenter location with the highest priority (undermost EPICENTER LINE).

PHASE LINE:

| | |
|---|---|
| Sta | Station code of the reported phase |
| Phase | Preceded flag for the sharpness of the onset of the phase<br>e - emergent<br>i - impulsive<br>w - weak<br>ISC phase code<br>Flag for the direction of the first motion<br>'+' - compression<br>'-' - dilatation<br>Component where the phase was picked |
| Time | Arrival time of the reported phase |
| Dist | Distance from the epicenter location with the highest priority to the station in kilometer |
| BAz | Backazimuth from the epicenter location with the highest priority to the station in degree |
| T[s] | Phase Period |
| A[nm] | Phase Amplitude |
| mb | Body wave magnitude |
| MS | Surface wave magnitude |
| ML | Local Richter magnitude |