

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 10401001 Moers, Ruhr Coal Mining District

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|------|-------|--------|--------|----------|----------|
| 2011/04/01 | 00:36:36.80 | 0.10 | 0.63 | 51.4844 | 6.5400 | 2.1 | 1.4 | 149 | 1.0f | | 47 | 19 | 160 | | | m i sr | LDG | 10401031 |
| 2011/04/01 | 00:36:36.40 | 0.87 | 0.31 | 51.5010 | 6.5840 | | | | 1.0f | | | 7 | 289 | 0.27 | 1.30 | m i ki | BNS | 10401031 |
| 2011/04/01 | 00:36:35.90 | 0.28 | 0.11 | 51.4920 | 6.6050 | | | | 1.0f | | | 8 | 292 | | | m i ki | GDNRW | 10401021 |
| 2011/04/01 | 00:36:36.97 | 0.59 | 0.90 | 51.4660 | 6.6030 | 10.0 | 4.4 | 124 | 1.0f | 16 | 11 | 211 | 0.42 | 3.94 | m i ki | BGR | 10401011 | |
| 2011/04/01 | 00:36:35.80 | | | 51.5350 | 6.6020 | | | | 1.0f | | | | 237 | 0.03 | 0.43 | m i ki | BUG | 10401001 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| MD | 3.5 | 1 | LDG | 10401031 |
| ML | 3.1 | 0.3 | 14 LDG | 10401031 |
| ML | 2.4 | | BNS | 10401031 |
| ML | 2.3 | | GDNRW | 10401021 |
| ML | 2.5 | 0.2 | 6 BGR | 10401011 |
| ML | 2.3 | | BUG | 10401001 |

| Effects | Loctyp | Location | Intensity | Scale | Author |
|---------|--------|----------|-----------|-------|--------|
| | Summar | | 3.0 | EMS | GDNRW |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|
| BRHE | 0.03 | 224.6 | Pg | 00:36:36.600 | 0.3 | | | | | T__ | | | | m__ | ML 2.1 |
| BRHE | 0.03 | 224.6 | Sg | 00:36:37.800 | 1.1 | | | | | T__ | | | | m__ | |
| LAUG | 0.28 | 130.7 | Pg | 00:36:41.630 | 0.5 | | | | | --- | | | | m_e | |
| LAUG | 0.28 | 130.7 | Sg | 00:36:45.510 | 0.8 | | | | | --- | | 276.2 | 0.41 | m_e | |
| BUG | 0.43 | 102.5 | Pg | 00:36:44.800 | 1.0 | | | | | TA_ | | | | m_di | ML 2.3 |
| BUG | 0.43 | 102.5 | Sg | 00:36:51.300 | 2.0 | | | | | TA_ | | | | m__ | |
| RWB | 0.52 | 213.0 | Pg | 00:36:45.441 | -0.1 | | | | | --- | | | | m_e | |
| RWB | 0.52 | 213.0 | Sg | 00:36:52.493 | 0.3 | | | | | --- | | 274.7 | 0.20 | m_e | |
| PLH | 0.55 | 165.5 | Pg | 00:36:46.186 | 0.1 | | | | | --- | | | | m_e | |
| PLH | 0.55 | 165.5 | Sg | 00:36:52.972 | -0.2 | | | | | --- | | 292.1 | 0.27 | m_e | |
| HOBG | 0.72 | 140.0 | Pg | 00:36:49.940 | 0.6 | | | | | --- | | | | m_e | |
| GSH | 0.81 | 190.0 | Pg | 00:36:50.834 | -0.3 | | | | | --- | | | | m_e | |
| GSH | 0.81 | 190.0 | Sg | 00:37:01.530 | -0.0 | | | | | --- | | 82.0 | 0.21 | m_e | |
| WBS | 0.84 | 149.4 | Sg | 00:37:02.817 | 0.2 | | | | | --- | | 80.1 | 0.19 | m_e | |
| DREG | 0.90 | 195.0 | Pg | 00:36:52.620 | -0.2 | | | | | --- | | | | m_e | |
| KLL | 0.91 | 191.7 | Pg | 00:36:52.710 | -0.2 | | | | | --- | | | | m_e | |
| STB | 0.95 | 170.9 | Pg | 00:36:54.190 | 0.4 | | | | | --- | | | | m_e | |
| STB | 0.95 | 170.9 | Sg | 00:37:06.940 | 0.9 | | | | | --- | | 121.3 | 0.40 | m_e | |
| TDN | 0.98 | 167.2 | Sg | 00:37:06.805 | -0.3 | | | | | --- | | 35.6 | 0.17 | m_e | |
| AHRW | 1.04 | 163.1 | Pg | 00:36:55.743 | 0.4 | | | | | --- | | | | m_e | ML 2.3 |
| OLFT | 1.05 | 186.3 | Pg | 00:36:55.219 | -0.3 | | | | | --- | | | | m_e | |
| OLFT | 1.05 | 186.3 | Sg | 00:37:08.791 | -0.3 | | | | | --- | | | | m_e | |
| IBBN | 1.05 | 42.3 | Pg | 00:36:56.926 | 1.3 | | | | | --- | | | | m_e | ML 2.6 |
| IBBN | 1.05 | 42.3 | Sg | 00:37:12.470 | 3.3 | | | | | --- | | | | m_e | |
| BHE | 1.24 | 162.7 | Pg | 00:36:58.749 | -0.4 | | | | | --- | | | | m_e | |
| BHE | 1.24 | 162.7 | Sg | 00:37:14.725 | -0.4 | | | | | --- | | 46.0 | 0.23 | m_e | |
| HILG | 1.24 | 177.7 | Pg | 00:36:59.150 | -0.1 | | | | | --- | | | | m_e | |
| KOE | 1.32 | 146.9 | Pg | 00:37:00.650 | 0.0 | | | | | --- | | | | m_e | |
| TNS | 1.75 | 137.7 | Pn | 00:37:07.043 | 0.5 | | | | | --- | | | | m_e | ML 2.5 |
| TNS | 1.75 | 137.7 | Pg | 00:37:09.137 | 0.3 | | | | | --- | | | | m_e | |

| | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|----|-----|
| WLF | 1.89 | 188.8 | Pg | 00:37:10.762 | -0.7 | --- | m_e | ML | 2.7 |
| WLF | 1.89 | 188.8 | Sg | 00:37:33.846 | -2.1 | --- | m_e | | |
| CLZ | 2.36 | 81.1 | Pg | 00:37:21.515 | 1.3 | --- | m_e | ML | 2.6 |
| CLZ | 2.36 | 81.1 | Sg | 00:37:49.950 | -0.7 | --- | m_e | | |
| MOX | 3.27 | 103.8 | Pn | 00:37:29.140 | 2.0 | --- | m_e | | |
| ECH | 3.34 | 173.6 | Pn | 00:37:28.125 | 0.1 | --- | m_e | | |
| BFO | 3.39 | 160.2 | Pn | 00:37:29.309 | 0.6 | --- | m_e | | |
| MANZ | 3.81 | 111.8 | Pn | 00:37:35.887 | 1.5 | --- | m_e | | |
| ROTZ | 3.97 | 114.3 | Pn | 00:37:38.001 | 1.5 | --- | m_e | | |

Event 10401018 Muellheim/Upper Rhine Graben, NE of Mulhouse/F

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/01 | 22:40:42.00 | | | 47.9000 | 7.4800 | | | | 1.0 | | | | | | | m i uk | SED | 10401048 |
| 2011/04/01 | 22:40:42.40 | 0.03 | 0.51 | 47.9150 | 7.4344 | 0.7 | 0.6 | 160 | 10.0 | 0.0 | 38 | 12 | 033 | | | m i ke | LDG | 10401038 |
| 2011/04/01 | 22:40:42.52 | 0.43 | 0.29 | 47.9180 | 7.4350 | 4.4 | 3.3 | 054 | 10.0f | | 11 | 7 | 166 | 0.35 | 1.58 | m i ke | BGR | 10401028 |
| 2011/04/01 | 22:40:42.31 | 0.09 | 0.21 | 47.9170 | 7.4500 | 1.2 | 1.0 | 013 | 10.0 | 2.0 | 44 | 21 | 039 | 0.22 | 1.80 | m i ke | LED | 10401018 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | | SED | 10401048 |
| MD | 2.6 | 0.1 | 2 LDG | 10401038 |
| ML | 2.2 | 0.3 | 10 LDG | 10401038 |
| ML | 1.6 | 0.4 | 6 BGR | 10401028 |
| ML | 1.7 | 0.2 | 18 LED | 10401018 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| MOF | 0.22 | 253.0 | P* | 22:40:46.930 | | | | | | T__ | | | | mc_ | |
| LIBD | 0.25 | 23.6 | P* | 22:40:48.270 | | | | | | --- | | | | m__ | |
| LIBD | 0.25 | 23.6 | S* | 22:40:51.610 | | | | | | --- | | | | m__ | |
| FBB | 0.28 | 72.5 | P* | 22:40:48.220 | | | | | | T__ | | | | mci | |
| KIZ | 0.32 | 82.7 | P* | 22:40:48.590 | | | | | | T__ | | | | mci | ML 1.3 |
| KIZ | 0.32 | 82.7 | S* | 22:40:53.000 | | | | | | T__ | | | | m__ | |
| ECH | 0.36 | 327.1 | P* | 22:40:49.370 | | | | | | T__ | | | | mdi | ML 1.3 |
| ECH | 0.36 | 327.1 | S* | 22:40:54.050 | | | | | | T__ | | | | m__ | |
| FELD | 0.37 | 96.0 | P* | 22:40:49.680 | | | | | | T__ | | | | mci | |
| FELD | 0.37 | 96.0 | S* | 22:40:54.880 | | | | | | T__ | | | | m__ | |
| FELD | 0.37 | 96.0 | SmS | 22:40:58.770 | -2.1 | | | | | --- | | | | m__ | |
| BBS | 0.45 | 174.9 | P* | 22:40:51.290 | | | | | | T__ | | | | mc_ | |
| BBS | 0.45 | 174.9 | SmS | 22:41:01.180 | -1.4 | | | | | T__ | | | | m__ | |
| WLS | 0.50 | 352.7 | P* | 22:40:52.270 | | | | | | T__ | | | | mc_ | |
| WLS | 0.50 | 352.7 | S* | 22:40:59.410 | | | | | | T__ | | | | m__ | |
| WLS | 0.50 | 352.7 | SmS | 22:41:02.310 | -1.4 | | | | | --- | | | | m__ | |
| BOURR | 0.54 | 195.8 | P* | 22:40:52.990 | | | | | | T__ | | | | m__ | ML 1.8 |
| BOURR | 0.54 | 195.8 | PmP | 22:40:54.810 | -0.8 | | | | | T__ | | | | m__ | |
| BOURR | 0.54 | 195.8 | S* | 22:41:00.480 | | | | | | T__ | | | | m__ | |
| BOURR | 0.54 | 195.8 | SmS | 22:41:03.780 | -0.9 | | | | | T__ | | | | m__ | |
| SULZ | 0.59 | 130.8 | P* | 22:40:53.660 | | | | | | T__ | | | | m__ | ML 1.2 |
| SULZ | 0.59 | 130.8 | PmP | 22:40:54.620 | -1.7 | | | | | T__ | | | | m__ | |
| SULZ | 0.59 | 130.8 | S* | 22:41:01.780 | | | | | | T__ | | | | m__ | |
| BALST | 0.60 | 164.0 | P* | 22:40:53.950 | | | | | | T__ | | | | mdi | ML 1.5 |
| BALST | 0.60 | 164.0 | PmP | 22:40:55.350 | -1.2 | | | | | T__ | | | | m__ | |

| | | | | | | | | | | | | | | | | | | |
|-------|------|-------|-----|--------------|------|--|--|--|----|--|--|--|--|--|--|------|----|-----|
| BALST | 0.60 | 164.0 | S* | 22:41:03.060 | | | | | | | | | | | | m_ | | |
| BALST | 0.60 | 164.0 | SmS | 22:41:04.770 | -1.5 | | | | T_ | | | | | | | m_ | | |
| LOMF | 0.70 | 216.8 | P* | 22:40:55.630 | | | | | | | | | | | | m_ | | |
| LOMF | 0.70 | 216.8 | PmP | 22:40:56.640 | -1.4 | | | | T_ | | | | | | | m_ | | |
| SLE | 0.72 | 101.8 | P* | 22:40:56.040 | | | | | T_ | | | | | | | m_c_ | ML | 2.1 |
| SLE | 0.72 | 101.8 | S* | 22:41:05.530 | | | | | T_ | | | | | | | m_ | | |
| SLE | 0.72 | 101.8 | SmS | 22:41:07.590 | -1.6 | | | | T_ | | | | | | | m_ | | |
| BFO | 0.72 | 54.5 | P* | 22:40:56.110 | | | | | T_ | | | | | | | m_ | ML | 1.9 |
| BFO | 0.72 | 54.5 | PmP | 22:40:56.690 | -1.6 | | | | T_ | | | | | | | m_ | | |
| BFO | 0.72 | 54.5 | S* | 22:41:05.660 | | | | | T_ | | | | | | | m_ | | |
| BFO | 0.72 | 54.5 | SmS | 22:41:07.250 | -2.0 | | | | T_ | | | | | | | m_ | | |
| OPP | 0.76 | 40.0 | P* | 22:40:56.900 | | | | | T_ | | | | | | | m_ | ML | 1.7 |
| OPP | 0.76 | 40.0 | PmP | 22:40:57.310 | -1.6 | | | | T_ | | | | | | | m_ | | |
| OPP | 0.76 | 40.0 | S* | 22:41:06.740 | | | | | | | | | | | | m_ | | |
| OPP | 0.76 | 40.0 | SmS | 22:41:07.700 | -2.7 | | | | | | | | | | | m_ | | |
| SPAK | 0.91 | 77.8 | PmP | 22:41:00.290 | -1.2 | | | | T_ | | | | | | | m_ | | |
| THEF | 1.02 | 288.3 | PmP | 22:41:02.010 | -1.3 | | | | T_ | | | | | | | m_ | | |
| THEF | 1.02 | 288.3 | S | 22:41:14.440 | | | | | | | | | | | | m_ | | |
| SISB | 1.04 | 102.2 | Pg | 22:41:02.430 | 0.4 | | | | T_ | | | | | | | m_ | ML | 1.9 |
| SISB | 1.04 | 102.2 | Sg | 22:41:16.750 | 1.2 | | | | T_ | | | | | | | m_ | | |
| WILA | 1.10 | 116.6 | Pg | 22:41:03.750 | 0.6 | | | | T_ | | | | | | | m_ | ML | 1.9 |
| WILA | 1.10 | 116.6 | Sg | 22:41:18.610 | 1.2 | | | | T_ | | | | | | | m_ | | |
| GUT | 1.12 | 81.5 | Pg | 22:41:03.800 | 0.2 | | | | T_ | | | | | | | m_ | ML | 1.6 |
| GUT | 1.12 | 81.5 | Sg | 22:41:18.860 | 0.7 | | | | T_ | | | | | | | m_ | | |
| PEB | 1.16 | 8.6 | Pg | 22:41:04.210 | -0.1 | | | | T_ | | | | | | | m_ | ML | 1.8 |
| PEB | 1.16 | 8.6 | S | 22:41:18.060 | | | | | T_ | | | | | | | m_ | | |
| PEB | 1.16 | 8.6 | Sg | 22:41:19.790 | 0.4 | | | | | | | | | | | m_ | | |
| LBG | 1.17 | 49.7 | Pg | 22:41:04.900 | 0.6 | | | | T_ | | | | | | | m_ | ML | 2.0 |
| LBG | 1.17 | 49.7 | Sg | 22:41:20.080 | 0.6 | | | | T_ | | | | | | | m_ | | |
| TUBL | 1.25 | 60.3 | Sg | 22:41:22.120 | 0.1 | | | | | | | | | | | m_ | ML | 1.7 |
| BUCH | 1.38 | 66.5 | Pg | 22:41:08.720 | 0.4 | | | | | | | | | | | m_ | ML | 1.5 |
| BUCH | 1.38 | 66.5 | Sg | 22:41:27.020 | 0.9 | | | | | | | | | | | m_ | | |
| LIENZ | 1.51 | 113.5 | Sg | 22:41:31.920 | 1.5 | | | | | | | | | | | m_ | ML | 1.2 |
| PLONS | 1.57 | 122.9 | Sg | 22:41:32.186 | 0.0 | | | | | | | | | | | m_e | | |
| SWS | 1.77 | 27.3 | Sg | 22:41:39.140 | 0.5 | | | | | | | | | | | m_ | ML | 1.9 |
| UBR | 1.80 | 96.6 | Sg | 22:41:40.210 | 0.6 | | | | | | | | | | | m_ | ML | 1.6 |

Event 10402004 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|----------|----------|
| 2011/04/02 | 04:59:10.41 | 0.36 | 0.74 | 51.4390 | 16.1070 | 4.4 | 2.2 | 017 | 1.0f | | 39 | 17 | 197 | 0.61 | 3.58 | m | i ki BGR | 10402004 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.0 | 0.3 | 17 BGR | 10402004 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|-----|
| KSP | 0.61 | 168.8 | Pg | 04:59:21.838 | -0.0 | | | | | T_ | | | | m_e | ML | 2.2 |
| KSP | 0.61 | 168.8 | Sg | 04:59:30.306 | 0.6 | | | | | T_ | | | | m_e | | |
| DPC | 1.10 | 172.8 | Pg | 04:59:30.762 | -0.3 | | | | | T_ | | | | m_e | ML | 3.1 |
| DPC | 1.10 | 172.8 | Sg | 04:59:46.420 | 1.1 | | | | | T_ | | | | m_e | | |
| BRG | 1.47 | 248.2 | Pg | 04:59:37.632 | -0.5 | | | | | T_ | | | | m_e | ML | 2.9 |
| BRG | 1.47 | 248.2 | Sg | 04:59:57.957 | 0.8 | | | | | T_ | | | | m_e | | |

| | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|----|-----|
| FBE | 1.80 | 254.4 | Pg | 04:59:43.425 | -0.9 | T__ | m_e | ML | 2.7 |
| FBE | 1.80 | 254.4 | Sg | 05:00:07.733 | 0.1 | T__ | m_e | | |
| MORC | 1.90 | 150.7 | Pn | 04:59:42.665 | -0.4 | T__ | m_e | ML | 3.2 |
| MORC | 1.90 | 150.7 | Sg | 05:00:09.831 | -0.8 | T__ | m_e | | |
| CLL | 1.94 | 267.3 | Pn | 04:59:42.643 | -1.1 | T__ | m_e | ML | 2.9 |
| CLL | 1.94 | 267.3 | Sg | 05:00:11.874 | -0.2 | T__ | m_e | | |
| OKC | 2.06 | 140.3 | Pg | 04:59:49.077 | -0.1 | T__ | m_e | ML | 2.5 |
| OKC | 2.06 | 140.3 | Sg | 05:00:14.649 | -1.2 | T__ | m_e | | |
| TANN | 2.52 | 247.4 | Pn | 04:59:51.657 | 0.2 | T__ | m_e | ML | 3.1 |
| TANN | 2.52 | 247.4 | Pg | 04:59:57.241 | -0.6 | T__ | m_e | | |
| TANN | 2.52 | 247.4 | Sg | 05:00:29.172 | -1.1 | T__ | m_e | | |
| WERD | 2.59 | 249.0 | Pn | 04:59:52.434 | -0.1 | T__ | m_e | ML | 3.1 |
| WERD | 2.59 | 249.0 | Pg | 04:59:59.002 | -0.2 | T__ | m_e | | |
| WERD | 2.59 | 249.0 | Sg | 05:00:32.578 | -0.2 | T__ | m_e | | |
| OJC | 2.63 | 116.2 | Pg | 04:59:59.806 | -0.2 | T__ | m_e | ML | 3.1 |
| OJC | 2.63 | 116.2 | Sg | 05:00:35.219 | 1.2 | T__ | m_e | | |
| MANZ | 2.92 | 241.7 | Pn | 04:59:57.240 | 0.3 | T__ | m_e | ML | 3.2 |
| MANZ | 2.92 | 241.7 | Pg | 05:00:05.968 | 0.6 | T__ | m_e | | |
| MANZ | 2.92 | 241.7 | Sg | 05:00:44.713 | 1.6 | T__ | m_e | | |
| MOX | 2.93 | 256.0 | Pn | 04:59:57.894 | 0.8 | T__ | m_e | ML | 3.3 |
| MOX | 2.93 | 256.0 | Pg | 05:00:05.245 | -0.4 | T__ | m_e | | |
| MOX | 2.93 | 256.0 | Sg | 05:00:43.076 | -0.5 | T__ | m_e | | |
| ROTZ | 2.99 | 237.5 | Pn | 04:59:58.440 | 0.6 | T__ | m_e | ML | 3.0 |
| ROTZ | 2.99 | 237.5 | Sg | 05:00:45.483 | 0.2 | T__ | m_e | | |
| GEC2 | 3.02 | 211.7 | Pn | 04:59:59.241 | 1.0 | T__ | m_e | ML | 3.1 |
| GEC2 | 3.02 | 211.7 | Pg | 05:00:06.415 | -0.9 | T__ | m_e | | |
| GEC2 | 3.02 | 211.7 | Sg | 05:00:47.071 | 0.8 | T__ | m_e | | |
| WET | 3.09 | 223.2 | Pn | 04:59:59.468 | 0.3 | T__ | m_e | ML | 3.0 |
| WET | 3.09 | 223.2 | Sg | 05:00:48.096 | -0.3 | T__ | m_e | | |
| GRA1 | 3.56 | 242.5 | Pn | 05:00:06.094 | 0.5 | T__ | m_e | ML | 3.5 |
| GRA1 | 3.56 | 242.5 | Sg | 05:01:04.412 | 0.9 | T__ | m_e | | |
| CLZ | 3.58 | 278.7 | Pn | 05:00:06.904 | 1.0 | T__ | m_e | ML | 3.3 |
| CLZ | 3.58 | 278.7 | Sg | 05:01:05.317 | 1.2 | T__ | m_e | | |

Event 10405005 E Salzkammergut/A, Totes Gebirge

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/05 | 07:14:25.82 | 0.41 | 0.41 | 47.6613 | 13.7082 | 5.0 | 3.0 | 169 | 1.2 | 8.7 | 31 | 12 | 051 | | | m i uk | ZAMG | 10405015 |
| 2011/04/05 | 07:14:28.31 | 0.21 | 1.28 | 47.6720 | 13.7260 | 3.3 | 3.3 | 066 | 10.0f | | 41 | 22 | 065 | 0.40 | 4.09 | m i ke | BGR | 10405005 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|---------|----------|
| ML | 3.1 | 0.5 | 15 ZAMG | 10405015 |
| ML | 3.2 | 0.4 | 22 BGR | 10405005 |

| Effects | Loctyp | Location | Intensity | Scale | Author |
|---------|--------|----------|-----------|-------|--------|
| | Summar | | 4.0 | EMS | ZAMG |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| MOA | 0.40 | 63.7 | Pg | 07:14:33.978 | -2.1 | | | | | T__ | | | | m_e | ML 2.5 |
| RJOB | 0.63 | 276.3 | Pg | 07:14:38.616 | -1.7 | | | | | T__ | | | | m_e | ML 2.6 |
| KBA | 0.65 | 203.6 | Pg | 07:14:38.407 | -2.2 | | | | | T__ | | | | m_e | ML 2.6 |

| | | | | | | | | | | | | | | | | | | | | |
|-------|------|-------|----|--------------|------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|-----|
| KBA | 0.65 | 203.6 | Sg | 07:14:47.524 | -1.6 | T__ | m_e | | | | | | | | | | | | | |
| GEC2 | 1.17 | 359.2 | Pn | 07:14:49.177 | -0.9 | T__ | m_e ML | | | | | | | | | | | | | 2.8 |
| GEC2 | 1.17 | 359.2 | Pg | 07:14:50.274 | -0.2 | T__ | m_e | | | | | | | | | | | | | |
| GEC2 | 1.17 | 359.2 | Sg | 07:15:06.684 | 1.0 | T__ | m_e | | | | | | | | | | | | | |
| ARSA | 1.29 | 108.5 | Pn | 07:14:50.286 | -1.4 | T__ | m_e ML | | | | | | | | | | | | | 2.9 |
| ARSA | 1.29 | 108.5 | Sg | 07:15:12.072 | 2.8 | T__ | m_e | | | | | | | | | | | | | |
| OBKA | 1.29 | 154.0 | Pn | 07:14:50.401 | -1.3 | T__ | m_e ML | | | | | | | | | | | | | 2.9 |
| OBKA | 1.29 | 154.0 | Sg | 07:15:09.172 | -0.2 | T__ | m_e | | | | | | | | | | | | | |
| WTTA | 1.47 | 254.7 | Pn | 07:14:54.322 | 0.2 | T__ | m_e ML | | | | | | | | | | | | | 3.1 |
| WTTA | 1.47 | 254.7 | Sg | 07:15:17.590 | 2.5 | T__ | m_e | | | | | | | | | | | | | |
| WET | 1.58 | 339.4 | Pn | 07:14:55.802 | 0.2 | T__ | m_e ML | | | | | | | | | | | | | 3.1 |
| WET | 1.58 | 339.4 | Sg | 07:15:18.581 | 0.1 | T__ | m_e | | | | | | | | | | | | | |
| FUR | 1.71 | 287.5 | Pg | 07:14:59.601 | -1.1 | T__ | m_e ML | | | | | | | | | | | | | 3.4 |
| FUR | 1.71 | 287.5 | Sg | 07:15:23.920 | 1.1 | T__ | m_e | | | | | | | | | | | | | |
| GRC3 | 1.87 | 311.3 | Pn | 07:15:01.542 | 1.9 | T__ | m_e ML | | | | | | | | | | | | | 3.1 |
| GRC3 | 1.87 | 311.3 | Sg | 07:15:27.244 | -0.7 | T__ | m_e | | | | | | | | | | | | | |
| GRC2 | 1.97 | 308.3 | Sg | 07:15:30.312 | -0.6 | T__ | m_e ML | | | | | | | | | | | | | 3.2 |
| MANZ | 2.55 | 335.9 | Pn | 07:15:10.115 | 1.4 | T__ | m_e ML | | | | | | | | | | | | | 3.2 |
| MANZ | 2.55 | 335.9 | Sg | 07:15:47.793 | -1.5 | T__ | m_e | | | | | | | | | | | | | |
| GRA1 | 2.61 | 321.6 | Pg | 07:15:17.644 | 0.1 | T__ | m_e ML | | | | | | | | | | | | | 3.3 |
| GRA1 | 2.61 | 321.6 | Sg | 07:15:50.513 | -0.8 | T__ | m_e | | | | | | | | | | | | | |
| DAVA | 2.63 | 263.0 | Pg | 07:15:16.515 | -1.3 | T__ | m_e ML | | | | | | | | | | | | | 3.3 |
| DAVA | 2.63 | 263.0 | Sg | 07:15:52.820 | 1.0 | T__ | m_e | | | | | | | | | | | | | |
| TANN | 2.87 | 343.7 | Pn | 07:15:13.793 | 0.7 | T__ | m_e ML | | | | | | | | | | | | | 3.3 |
| TANN | 2.87 | 343.7 | Sg | 07:15:57.991 | -1.4 | T__ | m_e | | | | | | | | | | | | | |
| PLONS | 3.01 | 259.7 | Pn | 07:15:16.592 | 1.6 | T__ | m_e ML | | | | | | | | | | | | | 3.2 |
| PLONS | 3.01 | 259.7 | Sg | 07:16:03.621 | -0.3 | T__ | m_e | | | | | | | | | | | | | |
| FBE | 3.26 | 355.9 | Pn | 07:15:18.839 | 0.5 | T__ | m_e ML | | | | | | | | | | | | | 3.3 |
| MOX | 3.28 | 335.9 | Pn | 07:15:18.800 | 0.2 | T__ | m_e ML | | | | | | | | | | | | | 3.4 |
| MOX | 3.28 | 335.9 | Sg | 07:16:12.708 | 0.2 | T__ | m_e | | | | | | | | | | | | | |
| SLE | 3.52 | 273.5 | Pn | 07:15:22.343 | 0.4 | T__ | m_e ML | | | | | | | | | | | | | 3.7 |
| SLE | 3.52 | 273.5 | Sg | 07:16:18.907 | -1.3 | T__ | m_e | | | | | | | | | | | | | |
| CLL | 3.67 | 352.9 | Pn | 07:15:25.220 | 1.3 | T__ | m_e ML | | | | | | | | | | | | | 3.8 |
| CLL | 3.67 | 352.9 | Sg | 07:16:23.665 | -1.1 | T__ | m_e | | | | | | | | | | | | | |
| BFO | 3.67 | 282.3 | Pn | 07:15:24.517 | 0.6 | T__ | m_e ML | | | | | | | | | | | | | 3.7 |
| BFO | 3.67 | 282.3 | Pg | 07:15:39.645 | 2.2 | T__ | m_e | | | | | | | | | | | | | |
| BFO | 3.67 | 282.3 | Sg | 07:16:26.094 | 1.2 | T__ | m_e | | | | | | | | | | | | | |
| BALST | 4.09 | 267.5 | Pn | 07:15:30.319 | 0.7 | T__ | m_e ML | | | | | | | | | | | | | 3.6 |

Event 10407010 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | | |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|----------|----------|
| 2011/04/07 | 17:31:53.00 | 0.50 | 0.31 | 51.2600 | 17.3480 | | | | 10.0f | | | | | 6 | 353 | 6.12 | 7.02 | m i ke | BNS | 10407020 |
| 2011/04/07 | 17:32:02.06 | 0.22 | 0.82 | 51.5310 | 16.1200 | 2.2 | 1.1 | 027 | 1.0f | | 81 | 35 | 171 | 0.70 | 5.77 | m i ki | BGR | | 10407010 | |
| | (#PRIME) | | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.7 | | BNS | 10407020 |
| ML | 3.9 | 0.3 | 34 BGR | 10407010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|------------|
| KSP | 0.70 | 171.0 | Pg | 17:32:15.434 | 0.2 | | | | | T__ | | | | | m_e ML 3.2 |

| | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|----|-----|
| KSP | 0.70 | 171.0 | Sg | 17:32:24.304 | 0.1 | T__ | m_e | | |
| DPC | 1.19 | 173.8 | Pg | 17:32:24.267 | -0.2 | T__ | m_e | ML | 4.0 |
| DPC | 1.19 | 173.8 | Sg | 17:32:40.087 | 0.3 | T__ | m_e | | |
| PVCC | 1.40 | 224.8 | Pn | 17:32:27.880 | -0.1 | T__ | m_e | ML | 4.1 |
| PVCC | 1.40 | 224.8 | Pg | 17:32:28.686 | 0.3 | T__ | m_e | | |
| PVCC | 1.40 | 224.8 | Sg | 17:32:47.743 | 1.2 | T__ | m_e | | |
| BRG | 1.51 | 245.1 | Pn | 17:32:28.600 | -0.9 | T__ | m_e | ML | 3.8 |
| BRG | 1.51 | 245.1 | Pg | 17:32:30.170 | -0.4 | T__ | m_e | | |
| BRG | 1.51 | 245.1 | Sg | 17:32:50.974 | 0.8 | T__ | m_e | | |
| RUE | 1.72 | 304.2 | Pn | 17:32:31.359 | -1.0 | T__ | m_e | ML | 3.7 |
| RUE | 1.72 | 304.2 | Sn | 17:32:52.883 | -1.0 | T__ | m_e | | |
| RUE | 1.72 | 304.2 | Sg | 17:32:57.229 | 0.4 | T__ | m_e | | |
| FBE | 1.84 | 251.7 | Pn | 17:32:33.549 | -0.4 | T__ | m_e | ML | 3.5 |
| FBE | 1.84 | 251.7 | Pg | 17:32:36.223 | -0.4 | T__ | m_e | | |
| FBE | 1.84 | 251.7 | Sg | 17:33:00.707 | 0.3 | T__ | m_e | | |
| PRU | 1.84 | 213.5 | Pn | 17:32:33.610 | -0.3 | T__ | m_e | ML | 3.1 |
| PRU | 1.84 | 213.5 | Sg | 17:33:00.323 | -0.1 | T__ | m_e | | |
| CLL | 1.96 | 264.7 | Pn | 17:32:34.575 | -1.0 | T__ | m_e | ML | 3.6 |
| CLL | 1.96 | 264.7 | Pg | 17:32:37.848 | -1.1 | T__ | m_e | | |
| CLL | 1.96 | 264.7 | Sg | 17:33:03.922 | -0.3 | T__ | m_e | | |
| MORC | 1.97 | 152.2 | Pn | 17:32:35.602 | -0.2 | T__ | m_e | ML | 4.1 |
| MORC | 1.97 | 152.2 | Sg | 17:33:03.984 | -0.7 | T__ | m_e | | |
| OKC | 2.13 | 142.0 | Pn | 17:32:37.083 | -0.7 | T__ | m_e | ML | 3.5 |
| OKC | 2.13 | 142.0 | Pg | 17:32:42.037 | -0.1 | T__ | m_e | | |
| OKC | 2.13 | 142.0 | Sg | 17:33:08.385 | -1.2 | T__ | m_e | | |
| VRAC | 2.24 | 172.1 | Pn | 17:32:40.197 | 0.8 | T__ | m_e | ML | 3.5 |
| VRAC | 2.24 | 172.1 | Pg | 17:32:43.954 | -0.4 | T__ | m_e | | |
| VRAC | 2.24 | 172.1 | Sg | 17:33:12.249 | -1.1 | T__ | m_e | | |
| KRUC | 2.48 | 175.8 | Pn | 17:32:43.217 | 0.6 | T__ | m_e | ML | 3.8 |
| KRUC | 2.48 | 175.8 | Pg | 17:32:47.872 | -0.8 | T__ | m_e | | |
| KRUC | 2.48 | 175.8 | Sg | 17:33:20.154 | -0.5 | T__ | m_e | | |
| TANN | 2.56 | 245.6 | Pn | 17:32:43.758 | 0.0 | T__ | m_e | ML | 4.0 |
| TANN | 2.56 | 245.6 | Sg | 17:33:23.205 | -0.2 | T__ | m_e | | |
| WERD | 2.63 | 247.2 | Pn | 17:32:44.984 | 0.3 | T__ | m_e | ML | 3.8 |
| WERD | 2.63 | 247.2 | Pg | 17:32:51.226 | -0.5 | T__ | m_e | | |
| WERD | 2.63 | 247.2 | Sg | 17:33:25.402 | -0.3 | T__ | m_e | | |
| NKC | 2.66 | 242.2 | Pn | 17:32:45.422 | 0.4 | T__ | m_e | ML | 4.3 |
| NKC | 2.66 | 242.2 | Sg | 17:33:27.709 | 1.3 | T__ | m_e | | |
| GUNZ | 2.66 | 245.4 | Pn | 17:32:45.325 | 0.3 | T__ | m_e | ML | 4.2 |
| GUNZ | 2.66 | 245.4 | Pg | 17:32:52.641 | 0.5 | T__ | m_e | | |
| GUNZ | 2.66 | 245.4 | Sg | 17:33:26.554 | 0.1 | T__ | m_e | | |
| OJC | 2.67 | 118.0 | Pn | 17:32:43.950 | -1.2 | T__ | m_e | ML | 4.1 |
| OJC | 2.67 | 118.0 | Pg | 17:32:51.964 | -0.3 | T__ | m_e | | |
| OJC | 2.67 | 118.0 | Sg | 17:33:27.324 | 0.6 | T__ | m_e | | |
| WERN | 2.67 | 243.7 | Pn | 17:32:45.661 | 0.5 | T__ | m_e | ML | 4.1 |
| WERN | 2.67 | 243.7 | Pg | 17:32:53.963 | 1.6 | T__ | m_e | | |
| WERN | 2.67 | 243.7 | Sg | 17:33:26.166 | -0.7 | T__ | m_e | | |
| PLN | 2.70 | 248.8 | Pn | 17:32:45.974 | 0.3 | T__ | m_e | ML | 3.9 |
| PLN | 2.70 | 248.8 | Pg | 17:32:53.767 | 0.8 | T__ | m_e | | |
| PLN | 2.70 | 248.8 | Sg | 17:33:28.583 | 0.6 | T__ | m_e | | |
| NEUB | 2.73 | 264.9 | Pn | 17:32:46.516 | 0.5 | T__ | m_e | ML | 4.3 |
| NEUB | 2.73 | 264.9 | Pg | 17:32:53.445 | -0.1 | T__ | m_e | | |
| NEUB | 2.73 | 264.9 | Sg | 17:33:29.631 | 0.8 | T__ | m_e | | |
| JAVC | 2.85 | 159.0 | Pn | 17:32:49.363 | 1.7 | T__ | m_e | ML | 3.9 |

| | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|----|-----|------|------|--|--|--|--|--|--|--|--|
| JAVC | 2.85 | 159.0 | Pg | 17:32:55.460 | -0.3 | T__ | m_e | | | | | | | | | | | | |
| JAVC | 2.85 | 159.0 | Sg | 17:33:35.334 | 2.7 | T__ | m_e | | | | | | | | | | | | |
| KHC | 2.90 | 215.0 | Pn | 17:32:48.549 | 0.3 | T__ | m_e | ML | 3.3 | | | | | | | | | | |
| KHC | 2.90 | 215.0 | Sg | 17:33:33.927 | -0.2 | T__ | m_e | | | | | | | | | | | | |
| MOX | 2.96 | 254.4 | Pn | 17:32:48.997 | -0.2 | T__ | m_e | ML | 4.3 | | | | | | | | | | |
| MOX | 2.96 | 254.4 | Pg | 17:32:57.687 | -0.2 | T__ | m_e | | | | | | | | | | | | |
| MOX | 2.96 | 254.4 | Sg | 17:33:37.781 | 1.5 | T__ | m_e | | | | | | | | | | | | |
| MANZ | 2.97 | 240.2 | Sg | 17:33:36.558 | 0.1 | T__ | m_e | ML | 4.1 | | | | | | | | | | |
| ROTZ | 3.04 | 236.1 | Pn | 17:32:50.662 | 0.4 | T__ | m_e | ML | 3.9 | | | | | | | | | | |
| ROTZ | 3.04 | 236.1 | Sg | 17:33:37.890 | -0.9 | T__ | m_e | | | | | | | | | | | | |
| GEC2 | 3.10 | 210.9 | Pn | 17:32:51.442 | 0.4 | T__ | m_e | ML | 3.9 | | | | | | | | | | |
| GEC2 | 3.10 | 210.9 | Pg | 17:32:59.684 | -0.8 | T__ | m_e | | | | | | | | | | | | |
| GEC2 | 3.10 | 210.9 | Sg | 17:33:39.105 | -1.4 | T__ | m_e | | | | | | | | | | | | |
| FLT1 | 3.11 | 286.8 | Pg | 17:32:59.127 | -1.6 | T__ | m_e | ML | 3.8 | | | | | | | | | | |
| FLT1 | 3.11 | 286.8 | Sg | 17:33:40.526 | -0.5 | T__ | m_e | | | | | | | | | | | | |
| WET | 3.16 | 222.2 | Pn | 17:32:52.445 | 0.6 | T__ | m_e | ML | 4.0 | | | | | | | | | | |
| WET | 3.16 | 222.2 | Sg | 17:33:42.288 | -0.1 | T__ | m_e | | | | | | | | | | | | |
| ASSE | 3.42 | 282.2 | Pg | 17:33:06.864 | 0.4 | T__ | m_e | ML | 3.9 | | | | | | | | | | |
| ASSE | 3.42 | 282.2 | Sg | 17:33:50.256 | -0.4 | T__ | m_e | | | | | | | | | | | | |
| CLZ | 3.58 | 277.2 | Pn | 17:32:58.396 | 0.9 | T__ | m_e | ML | 4.0 | | | | | | | | | | |
| GRA1 | 3.61 | 241.3 | Pn | 17:32:59.063 | 1.1 | T__ | m_e | ML | 4.5 | | | | | | | | | | |
| GRA1 | 3.61 | 241.3 | Sg | 17:33:57.173 | 0.4 | T__ | m_e | | | | | | | | | | | | |
| NRDL | 3.82 | 286.9 | Pn | 17:33:02.037 | 1.2 | T__ | m_e | ML | 3.7 | | | | | | | | | | |
| BSEG | 4.26 | 306.7 | Pn | 17:33:06.417 | -0.3 | T__ | m_e | | | | | | | | | | | | |
| TNS | 5.01 | 257.9 | Pn | 17:33:17.525 | 0.5 | T__ | m_e | ML | 4.3 | | | | | | | | | | |
| KOE | 5.39 | 261.5 | Pn | 17:33:22.500 | 0.4 | --- | m_e | | | | | | | | | | | | |
| HOBG | 5.52 | 267.8 | Pn | 17:33:25.300 | 1.4 | --- | m_e | | | | | | | | | | | | |
| BGG | 5.70 | 260.0 | Pn | 17:33:26.900 | 0.7 | --- | m_e | | | | | | | | | | | | |
| BGG | 5.70 | 260.0 | Sn | 17:34:37.900 | 10.6 | --- | m_e | | | 17.7 | 0.83 | | | | | | | | |
| AHRW | 5.77 | 263.7 | Pn | 17:33:29.098 | 1.9 | T__ | m_e | ML | 4.2 | | | | | | | | | | |
| STB | 5.90 | 264.5 | Pn | 17:33:30.100 | 1.1 | --- | m_e | | | | | | | | | | | | |
| KLL | 6.22 | 265.7 | Pn | 17:33:33.700 | 0.4 | --- | m_e | | | | | | | | | | | | |
| DREG | 6.26 | 265.9 | Pn | 17:33:34.900 | 0.9 | --- | m_e | | | | | | | | | | | | |

Event 10409001 Koblenz/Middle Rhine Area

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/09 | 16:28:56.00 | 0.05 | 0.38 | 50.3121 | 7.4172 | 0.9 | 0.8 | 089 | 10.0 | 0.0 | 33 | 11 | 038 | | | m i ke | LDG | 10409031 |
| 2011/04/09 | 16:28:56.10 | 0.20 | 0.38 | 50.3100 | 7.4100 | 4.0 | 2.0 | 328 | 10.0f | | 25 | 14 | 076 | 0.30 | 2.10 | m i ke | LED | 10409021 |
| 2011/04/09 | 16:28:56.24 | 0.55 | 0.15 | 50.3270 | 7.4280 | 6.7 | 6.7 | 015 | 10.0f | | 5 | 3 | 145 | 0.31 | 1.05 | m i ke | BGR | 10409011 |
| 2011/04/09 | 16:28:56.20 | 0.74 | 0.21 | 50.3150 | 7.4250 | | | | 8.0 | 6.1 | | 10 | 124 | 0.12 | 0.83 | m i ke | BNS | 10409001 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| MD | 2.6 | 0.2 | 3 LDG | 10409031 |
| ML | 2.4 | 0.3 | 14 LDG | 10409031 |
| ML | 1.6 | 0.2 | 16 LED | 10409021 |
| ML | 1.4 | 0.1 | 3 BGR | 10409011 |
| ML | 1.4 | | BNS | 10409001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BGG | 0.12 | 207.3 | Pg | 16:28:59.220 | 0.3 | | | | | T__ | | | | | mci |

| | | | | | | | | | | | | | | | | | | | |
|------|------|-------|-----|--------------|------|-----|-------|------|-----|----|-----|--|--|--|--|--|--|--|--|
| BGG | 0.12 | 207.3 | Sg | 16:29:00.990 | 0.3 | T__ | 139.5 | 0.10 | m_e | | | | | | | | | | |
| KOE | 0.22 | 60.5 | Pg | 16:29:00.870 | 0.2 | T__ | | | mdi | | | | | | | | | | |
| KOE | 0.22 | 60.5 | Sg | 16:29:03.770 | 0.1 | T__ | 100.7 | 0.30 | m_e | | | | | | | | | | |
| FSH | 0.31 | 220.4 | Pg | 16:29:02.150 | -0.1 | T__ | | | m_e | | | | | | | | | | |
| FSH | 0.31 | 220.4 | S* | 16:29:06.110 | | ___ | | | m_ | | | | | | | | | | |
| AHRW | 0.32 | 315.6 | Pg | 16:29:02.560 | 0.2 | T__ | | | mde | ML | 1.3 | | | | | | | | |
| AHRW | 0.32 | 315.6 | Sg | 16:29:06.372 | -0.2 | ___ | | | m_e | | | | | | | | | | |
| FACH | 0.37 | 83.3 | Pg | 16:29:03.330 | 0.1 | T__ | | | m_e | | | | | | | | | | |
| FACH | 0.37 | 83.3 | S* | 16:29:07.740 | | ___ | | | m_ | | | | | | | | | | |
| ABH | 0.44 | 169.7 | P* | 16:29:05.000 | | ___ | | | m_ | | | | | | | | | | |
| ABH | 0.44 | 169.7 | PmP | 16:29:07.680 | -0.6 | ___ | | | m_ | | | | | | | | | | |
| STB | 0.47 | 307.1 | Pg | 16:29:05.310 | 0.2 | T__ | | | mde | | | | | | | | | | |
| HILG | 0.48 | 267.5 | Pg | 16:29:05.330 | 0.0 | T__ | | | mci | | | | | | | | | | |
| HILG | 0.48 | 267.5 | Sg | 16:29:11.920 | 0.4 | T__ | 37.9 | 0.35 | m_e | | | | | | | | | | |
| BIW | 0.49 | 32.1 | P* | 16:29:05.140 | | ___ | | | mc_ | ML | 1.6 | | | | | | | | |
| BIW | 0.49 | 32.1 | S* | 16:29:12.210 | | ___ | | | m_ | | | | | | | | | | |
| RUP | 0.66 | 201.1 | P* | 16:29:08.360 | | ___ | | | m_ | | | | | | | | | | |
| TNS | 0.66 | 97.7 | Pg | 16:29:08.792 | 0.1 | ___ | | | m_e | ML | 1.5 | | | | | | | | |
| HOBG | 0.67 | 355.1 | Pg | 16:29:09.050 | 0.1 | T__ | | | mce | | | | | | | | | | |
| BLI | 0.73 | 263.9 | P* | 16:29:09.600 | | ___ | | | m_ | ML | 1.6 | | | | | | | | |
| BLI | 0.73 | 263.9 | S* | 16:29:18.290 | | ___ | | | m_ | | | | | | | | | | |
| RIVT | 0.74 | 215.2 | P* | 16:29:09.310 | | ___ | | | md_ | ML | 1.8 | | | | | | | | |
| RIVT | 0.74 | 215.2 | S* | 16:29:19.520 | | ___ | | | m_ | | | | | | | | | | |
| KLL | 0.78 | 295.5 | Pg | 16:29:10.610 | -0.4 | T__ | | | m_e | | | | | | | | | | |
| IMS | 0.78 | 156.8 | P* | 16:29:11.250 | | ___ | | | m_ | ML | 1.8 | | | | | | | | |
| IMS | 0.78 | 156.8 | PmP | 16:29:12.220 | -1.2 | ___ | | | m_ | | | | | | | | | | |
| IMS | 0.78 | 156.8 | S* | 16:29:20.720 | | ___ | | | m_ | | | | | | | | | | |
| IMS | 0.78 | 156.8 | SmS | 16:29:23.520 | -1.7 | ___ | | | m_ | | | | | | | | | | |
| DREG | 0.83 | 295.1 | Pg | 16:29:11.800 | -0.2 | T__ | | | m_e | | | | | | | | | | |
| MEM | 0.95 | 288.6 | P* | 16:29:13.820 | | ___ | | | m_ | | | | | | | | | | |
| MEM | 0.95 | 288.6 | PmP | 16:29:14.420 | -1.7 | ___ | | | m_ | | | | | | | | | | |
| MEM | 0.95 | 288.6 | S* | 16:29:26.860 | | ___ | | | m_ | | | | | | | | | | |
| DUP | 0.99 | 204.7 | Pg | 16:29:15.280 | 0.3 | ___ | | | m_ | ML | 1.9 | | | | | | | | |
| DUP | 0.99 | 204.7 | Sg | 16:29:28.300 | 0.5 | ___ | | | m_ | | | | | | | | | | |
| WLF | 1.05 | 232.0 | Pg | 16:29:16.091 | 0.1 | ___ | | | m_e | ML | 1.5 | | | | | | | | |
| WLF | 1.05 | 232.0 | Sg | 16:29:29.941 | 0.5 | ___ | | | m_e | | | | | | | | | | |
| KTD | 1.08 | 156.6 | Pg | 16:29:17.110 | 0.5 | ___ | | | m_ | | | | | | | | | | |
| SWS | 1.17 | 134.8 | Sg | 16:29:33.200 | -0.2 | ___ | | | m_ | ML | 1.6 | | | | | | | | |
| PEB | 1.26 | 171.3 | Pg | 16:29:19.490 | -0.5 | ___ | | | m_ | ML | 1.8 | | | | | | | | |
| SIND | 1.71 | 123.6 | Sg | 16:29:51.090 | 0.6 | ___ | | | m_ | ML | 1.8 | | | | | | | | |
| OPP | 1.88 | 164.5 | Sg | 16:29:56.150 | 0.0 | ___ | | | m_ | ML | 1.5 | | | | | | | | |
| BFO | 2.07 | 163.1 | Sg | 16:30:00.110 | -1.9 | ___ | | | m_ | ML | 1.4 | | | | | | | | |
| ECH | 2.11 | 184.8 | Pg | 16:29:35.250 | -0.7 | ___ | | | m_ | ML | 1.9 | | | | | | | | |
| ECH | 2.11 | 184.8 | Sg | 16:30:02.150 | -1.0 | ___ | | | m_ | | | | | | | | | | |

Event 10412006 Czech and Slovak Republics

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/12 | 02:55:27.65 | 0.48 | 1.25 | 49.9150 | 18.4890 | 7.8 | 6.7 | 008 | 1.0f | | 15 | 9 | 140 | 0.23 | 3.29 | m i ki | BGR | 10412006 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.3 | 0.2 | 2 BGR | 10412006 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| OKC | 0.23 | 250.7 | Pg | 02:55:32.348 | 0.3 | | | | | T__ | | | | m_e | |
| MORC | 0.63 | 257.6 | Pg | 02:55:39.364 | -0.1 | | | | | T__ | | | | m_e | |
| MORC | 0.63 | 257.6 | Sg | 02:55:47.772 | 0.2 | | | | | T__ | | | | m_e | |
| OJC | 0.89 | 69.6 | Pg | 02:55:45.009 | 0.5 | | | | | T__ | | | | m_e | |
| JAVC | 1.18 | 207.1 | Pg | 02:55:50.203 | 0.3 | | | | | T__ | | | | m_e | |
| JAVC | 1.18 | 207.1 | Sg | 02:56:07.707 | 2.5 | | | | | T__ | | | | m_e | |
| VRAC | 1.37 | 244.4 | Pg | 02:55:52.561 | -0.9 | | | | | T__ | | | | m_e | |
| DPC | 1.46 | 288.2 | Pg | 02:55:54.462 | -0.6 | | | | | T__ | | | | m_e | |
| DPC | 1.46 | 288.2 | Sg | 02:56:15.143 | 1.3 | | | | | T__ | | | | m_e | |
| KRUC | 1.61 | 238.7 | Pg | 02:55:56.454 | -1.5 | | | | | T__ | | | | m_e | |
| KRUC | 1.61 | 238.7 | Sg | 02:56:17.646 | -1.0 | | | | | T__ | | | | m_e | |
| BRG | 3.05 | 290.0 | Pg | 02:56:23.893 | -1.3 | | | | | T__ | | | | m_e | ML 3.1 |
| BRG | 3.05 | 290.0 | Sg | 02:57:04.914 | 0.3 | | | | | T__ | | | | m_e | |
| GEC2 | 3.29 | 252.9 | Pn | 02:56:19.503 | 0.2 | | | | | T__ | | | | m_e | ML 3.5 |
| GEC2 | 3.29 | 252.9 | Pg | 02:56:28.244 | -1.5 | | | | | T__ | | | | m_e | |

Event 10412007 Olten, Langenthal/CH

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/12 | 08:45:06.90 | 0.05 | 0.69 | 47.3929 | 7.8536 | 1.0 | 0.8 | 140 | 12.0f | | 82 | 21 | 033 | | | m i ke | LDG | 10412037 |
| 2011/04/12 | 08:45:06.00 | | | 47.3900 | 7.8600 | | | | 12.0 | | | | | | | m i uk | SED | 10412027 |
| 2011/04/12 | 08:45:06.70 | 0.35 | 0.35 | 47.4030 | 7.8330 | 2.2 | 2.2 | 027 | 10.0f | | 21 | 13 | 126 | 0.11 | 4.08 | m i ke | BGR | 10412017 |
| 2011/04/12 | 08:45:06.84 | 0.10 | 0.19 | 47.3950 | 7.8560 | 1.4 | 0.8 | 339 | 12.0 | 1.0 | 50 | 17 | 147 | 0.12 | 2.50 | m i ke | LED | 10412007 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| MD | 2.9 | 0.0 | 3 LDG | 10412037 |
| ML | 2.9 | 0.3 | 24 LDG | 10412037 |
| ML | 2.4 | | SED | 10412027 |
| ML | 2.4 | 0.4 | 10 BGR | 10412017 |
| ML | 2.6 | 0.2 | 21 LED | 10412007 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BALST | 0.12 | 241.6 | P* | 08:45:09.920 | | | | | | T__ | | | | mci | ML 2.4 |
| BALST | 0.12 | 241.6 | S* | 08:45:12.240 | | | | | | T__ | | | | m__ | |
| SULZ | 0.22 | 52.3 | P* | 08:45:11.620 | | | | | | T__ | | | | mci | ML 2.5 |
| SULZ | 0.22 | 52.3 | S* | 08:45:15.080 | | | | | | T__ | | | | m__ | |
| BBS | 0.24 | 286.6 | P* | 08:45:12.100 | | | | | | T__ | | | | md__ | |
| BBS | 0.24 | 286.6 | S* | 08:45:15.820 | | | | | | T__ | | | | m__ | |
| BOURR | 0.42 | 270.2 | P* | 08:45:15.260 | | | | | | T__ | | | | mc__ | ML 2.1 |
| BOURR | 0.42 | 270.2 | S* | 08:45:21.330 | | | | | | T__ | | | | m__ | |
| FELD | 0.49 | 11.7 | P* | 08:45:16.490 | | | | | | T__ | | | | md__ | |
| FELD | 0.49 | 11.7 | PmP | 08:45:18.150 | -1.0 | | | | | T__ | | | | m__ | |
| FELD | 0.49 | 11.7 | S* | 08:45:23.190 | | | | | | T__ | | | | m__ | |
| FELD | 0.49 | 11.7 | SmS | 08:45:26.000 | -1.6 | | | | | T__ | | | | m__ | |
| KIZ | 0.56 | 4.2 | P* | 08:45:17.660 | | | | | | T__ | | | | mdi | ML 2.8 |
| KIZ | 0.56 | 4.2 | S* | 08:45:25.260 | | | | | | T__ | | | | m__ | |
| KIZ | 0.56 | 4.2 | SmS | 08:45:27.340 | -2.0 | | | | | T__ | | | | m__ | |
| SLE | 0.57 | 49.0 | P* | 08:45:17.710 | | | | | | T__ | | | | mci | ML 2.6 |
| SLE | 0.57 | 49.0 | PmP | 08:45:19.010 | -1.3 | | | | | T__ | | | | m__ | |

| | | | | | | | | | |
|-------|------|-------|-----|--------------|------|-----|---------|-----|--|
| SLE | 0.57 | 49.0 | S* | 08:45:25.150 | | T__ | m__ | | |
| SLE | 0.57 | 49.0 | SmS | 08:45:27.750 | -1.8 | T__ | m__ | | |
| FBB | 0.61 | 359.8 | P* | 08:45:18.710 | | ___ | m__ | | |
| FBB | 0.61 | 359.8 | S* | 08:45:27.090 | | ___ | m__ | | |
| MOF | 0.67 | 313.4 | P* | 08:45:19.830 | | T__ | md__ | | |
| MOF | 0.67 | 313.4 | PmP | 08:45:20.850 | -1.0 | T__ | m__ | | |
| MOF | 0.67 | 313.4 | S* | 08:45:28.780 | | T__ | m__ | | |
| LOMF | 0.70 | 266.7 | P* | 08:45:20.320 | | T__ | mc__ | | |
| LOMF | 0.70 | 266.7 | PmP | 08:45:21.300 | -1.0 | T__ | m__ | | |
| LOMF | 0.70 | 266.7 | S* | 08:45:30.020 | | T__ | m__ | | |
| LOMF | 0.70 | 266.7 | SmS | 08:45:30.810 | -2.1 | ___ | m__ | | |
| WILA | 0.71 | 88.0 | P* | 08:45:20.600 | | T__ | mci ML | 2.8 | |
| WILA | 0.71 | 88.0 | PmP | 08:45:21.840 | -0.7 | T__ | m__ | | |
| WILA | 0.71 | 88.0 | S* | 08:45:30.300 | | T__ | m__ | | |
| WILA | 0.71 | 88.0 | SmS | 08:45:32.480 | -0.8 | T__ | m__ | | |
| LIBD | 0.77 | 347.4 | P* | 08:45:22.110 | | T__ | m__ | | |
| LIBD | 0.77 | 347.4 | S* | 08:45:33.070 | | T__ | m__ | | |
| SISB | 0.80 | 68.3 | P* | 08:45:22.270 | | T__ | m__ ML | 2.6 | |
| SISB | 0.80 | 68.3 | S* | 08:45:33.280 | | T__ | m__ | | |
| ECH | 0.95 | 330.6 | P | 08:45:24.410 | | T__ | m__ ML | 2.4 | |
| ECH | 0.95 | 330.6 | PmP | 08:45:25.530 | -0.9 | T__ | m__ | | |
| ECH | 0.95 | 330.6 | S | 08:45:36.350 | | T__ | m__ | | |
| ECH | 0.95 | 330.6 | SmS | 08:45:37.900 | -2.0 | T__ | m__ | | |
| BFO | 0.99 | 18.6 | P | 08:45:24.450 | | T__ | mc__ ML | 3.1 | |
| BFO | 0.99 | 18.6 | S | 08:45:37.630 | | T__ | m__ | | |
| BFO | 0.99 | 18.6 | Sg | 08:45:38.810 | 0.4 | T__ | m__ | | |
| GUT | 1.08 | 50.9 | P | 08:45:25.890 | | T__ | mc__ ML | 2.7 | |
| GUT | 1.08 | 50.9 | Pg | 08:45:27.220 | -0.1 | T__ | m__ | | |
| GUT | 1.08 | 50.9 | Sg | 08:45:42.330 | 0.9 | T__ | m__ | | |
| PLONS | 1.09 | 107.9 | Pg | 08:45:27.552 | 0.0 | ___ | m_e ML | 2.3 | |
| PLONS | 1.09 | 107.9 | Sg | 08:45:41.579 | -0.1 | ___ | m_e | | |
| LIENZ | 1.11 | 94.5 | P | 08:45:27.670 | | T__ | mc__ ML | 2.2 | |
| LIENZ | 1.11 | 94.5 | Pg | 08:45:28.250 | 0.3 | T__ | m__ | | |
| LIENZ | 1.11 | 94.5 | PmP | 08:45:28.840 | -0.5 | T__ | m__ | | |
| LIENZ | 1.11 | 94.5 | S | 08:45:42.610 | | T__ | m__ | | |
| LIENZ | 1.11 | 94.5 | SmS | 08:45:44.030 | -0.8 | ___ | m__ | | |
| OPP | 1.12 | 11.2 | P | 08:45:26.530 | | T__ | m__ ML | 2.8 | |
| OPP | 1.12 | 11.2 | Pg | 08:45:28.230 | 0.1 | ___ | m__ | | |
| OPP | 1.12 | 11.2 | S | 08:45:40.750 | | ___ | m__ | | |
| OPP | 1.12 | 11.2 | Sg | 08:45:42.500 | -0.2 | T__ | m__ | | |
| DAVA | 1.38 | 93.8 | Pg | 08:45:33.021 | 0.2 | ___ | m_e ML | 2.8 | |
| DAVA | 1.38 | 93.8 | Sg | 08:45:51.559 | 0.9 | ___ | m_e | | |
| TUBL | 1.40 | 35.6 | P | 08:45:29.680 | | ___ | m__ ML | 2.6 | |
| TUBL | 1.40 | 35.6 | Pg | 08:45:33.100 | -0.1 | ___ | m__ | | |
| TUBL | 1.40 | 35.6 | Sg | 08:45:50.710 | -0.6 | ___ | m__ | | |
| LBG | 1.42 | 26.0 | Pg | 08:45:33.650 | 0.1 | ___ | m__ ML | 2.8 | |
| LBG | 1.42 | 26.0 | Sg | 08:45:51.740 | -0.2 | ___ | m__ | | |
| BUCH | 1.46 | 43.0 | P | 08:45:30.750 | | ___ | mc__ ML | 2.8 | |
| BUCH | 1.46 | 43.0 | Pg | 08:45:34.640 | 0.3 | ___ | m_i | | |
| BUCH | 1.46 | 43.0 | S | 08:45:47.740 | | ___ | m__ | | |
| BUCH | 1.46 | 43.0 | Sg | 08:45:53.780 | 0.6 | ___ | m__ | | |
| THEF | 1.50 | 304.4 | Pg | 08:45:35.010 | -0.2 | ___ | m__ | | |
| THEF | 1.50 | 304.4 | Sg | 08:45:54.830 | 0.1 | ___ | m__ | | |
| UBR | 1.55 | 78.5 | P | 08:45:33.650 | | ___ | mc__ ML | 2.4 | |

| | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|--------|-----|--|
| UBR | 1.55 | 78.5 | Pg | 08:45:36.500 | 0.4 | --- | m_i | | |
| UBR | 1.55 | 78.5 | S | 08:45:52.130 | | --- | m_ | | |
| UBR | 1.55 | 78.5 | Sg | 08:45:56.510 | 0.4 | --- | m_ | | |
| STU | 1.64 | 32.5 | Sg | 08:45:58.970 | -0.1 | --- | m_ ML | 2.7 | |
| OBER | 1.65 | 88.7 | Pg | 08:45:37.850 | -0.1 | --- | m_ | | |
| OBER | 1.65 | 88.7 | Sg | 08:46:00.080 | 0.7 | --- | m_ | | |
| PEB | 1.67 | 356.9 | Pg | 08:45:38.380 | -0.1 | --- | m_ ML | 2.4 | |
| PEB | 1.67 | 356.9 | Sg | 08:46:00.400 | 0.3 | --- | m_ | | |
| HDH | 1.97 | 52.0 | Pg | 08:45:44.110 | 0.0 | --- | m_ ML | 2.4 | |
| HDH | 1.97 | 52.0 | Sg | 08:46:09.140 | -0.4 | --- | m_ | | |
| SWS | 2.16 | 14.7 | Sg | 08:46:15.500 | -0.1 | --- | m_ ML | 2.7 | |
| SIND | 2.27 | 30.1 | Pg | 08:45:49.140 | -0.6 | --- | m_ ML | 2.8 | |
| SIND | 2.27 | 30.1 | Sg | 08:46:18.320 | -0.8 | --- | m_ | | |
| ABH | 2.50 | 355.4 | Pg | 08:45:53.990 | 0.1 | --- | m_ | | |
| ABH | 2.50 | 355.4 | Sg | 08:46:26.250 | 0.1 | --- | m_ | | |
| WTTA | 2.57 | 91.5 | Sg | 08:46:28.898 | 0.5 | --- | m_e | | |
| TNS | 2.85 | 7.6 | Sg | 08:46:37.669 | 0.1 | --- | m_e ML | 2.7 | |
| WET | 3.77 | 60.5 | Sg | 08:47:06.802 | 0.1 | --- | m_e | | |
| MOX | 4.08 | 35.8 | Sg | 08:47:15.554 | -0.9 | --- | m_e | | |

Event 10415006 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/15 | 03:08:00.96 | 0.33 | 1.03 | 50.0950 | 18.3830 | 8.9 | 4.4 | 176 | 1.0f | | 16 | 13 | 142 | 0.30 | 4.35 | m i ki | BGR | 10415036 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.1 | 0.4 | 10 BGR | 10415036 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| OKC | 0.30 | 210.6 | Pg | 03:08:06.913 | 0.3 | | | | | T_ | | | | m_e ML | 2.1 |
| MORC | 0.63 | 239.9 | Pg | 03:08:13.093 | 0.3 | | | | | T_ | | | | m_e ML | 3.2 |
| MORC | 0.63 | 239.9 | Sg | 03:08:22.407 | 1.5 | | | | | T_ | | | | m_e | |
| OJC | 0.92 | 81.6 | Pg | 03:08:17.324 | -0.9 | | | | | T_ | | | | m_e ML | 2.7 |
| OJC | 0.92 | 81.6 | Sg | 03:08:29.689 | -0.4 | | | | | T_ | | | | m_e | |
| DPC | 1.34 | 281.7 | Pg | 03:08:26.418 | 0.1 | | | | | T_ | | | | m_e ML | 3.5 |
| KSP | 1.53 | 300.2 | Pg | 03:08:28.951 | -0.8 | | | | | T_ | | | | m_e ML | 2.6 |
| BRG | 2.93 | 287.1 | Sg | 03:09:33.809 | -0.2 | | | | | T_ | | | | m_e ML | 3.0 |
| GEC2 | 3.29 | 249.5 | Sg | 03:09:43.503 | -1.9 | | | | | T_ | | | | m_e ML | 3.3 |
| CLL | 3.62 | 291.7 | Sg | 03:09:57.000 | 1.2 | | | | | T_ | | | | m_e ML | 3.4 |
| WET | 3.69 | 257.2 | Pn | 03:08:58.215 | 0.3 | | | | | T_ | | | | m_e | |
| TANN | 3.80 | 277.1 | Pn | 03:09:00.009 | 0.6 | | | | | T_ | | | | m_e ML | 3.3 |
| TANN | 3.80 | 277.1 | Sg | 03:10:00.876 | -0.8 | | | | | T_ | | | | m_e | |
| WERD | 3.90 | 277.5 | Pn | 03:09:01.714 | 0.9 | | | | | T_ | | | | m_e ML | 3.4 |
| MANZ | 4.03 | 270.9 | Pn | 03:09:03.226 | 0.7 | | | | | T_ | | | | m_e | |
| MOX | 4.35 | 279.9 | Pn | 03:09:08.096 | 1.2 | | | | | T_ | | | | m_e | |

Event 10416016 Sulingen, W of Nienburg

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/16 | 08:47:33.25 | 0.27 | 1.22 | 52.6460 | 8.9690 | 4.4 | 4.4 | 008 | 5.0f | | 17 | 10 | 099 | 0.63 | 1.92 | m i ki | BGR | 10416016 |

Magnitude Err Nsta Author OrigID
 ML 2.1 0.3 9 BGR 10416016

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| IGAD | 0.63 | 344.8 | Pg | 08:47:45.370 | 0.1 | | | | | T__ | | | | m_e | |
| IGAD | 0.63 | 344.8 | Sg | 08:47:55.548 | 2.1 | | | | | T__ | | | | m_e | |
| NRDL | 0.71 | 101.9 | Pg | 08:47:47.665 | 1.0 | | | | | T__ | | | | m_e ML | 1.5 |
| NRDL | 0.71 | 101.9 | Sg | 08:47:58.471 | 2.7 | | | | | T__ | | | | m_e | |
| IBBN | 0.81 | 245.7 | Pg | 08:47:47.736 | -0.8 | | | | | T__ | | | | m_e ML | 2.2 |
| IBBN | 0.81 | 245.7 | Sg | 08:47:59.957 | 0.9 | | | | | T__ | | | | m_e | |
| ASSE | 1.16 | 115.7 | Sg | 08:48:10.061 | -0.1 | | | | | T__ | | | | m_e ML | 1.8 |
| CLZ | 1.18 | 132.6 | Pg | 08:47:55.069 | -0.4 | | | | | T__ | | | | m_e ML | 2.2 |
| CLZ | 1.18 | 132.6 | Sg | 08:48:11.966 | 1.3 | | | | | T__ | | | | m_e | |
| GTTG | 1.26 | 150.5 | Pg | 08:47:57.797 | 0.8 | | | | | T__ | | | | m_e ML | 2.5 |
| FLT1 | 1.42 | 102.0 | Pg | 08:47:59.183 | -0.8 | | | | | T__ | | | | m_e ML | 1.9 |
| FLT1 | 1.42 | 102.0 | Sg | 08:48:18.205 | -0.1 | | | | | T__ | | | | m_e | |
| BSEG | 1.52 | 31.5 | Pg | 08:48:00.500 | -1.4 | | | | | T__ | | | | m_e ML | 2.2 |
| BSEG | 1.52 | 31.5 | Sg | 08:48:20.426 | -1.1 | | | | | T__ | | | | m_e | |
| BUG | 1.60 | 221.6 | Pg | 08:48:01.823 | -1.5 | | | | | T__ | | | | m_e ML | 2.2 |
| BUG | 1.60 | 221.6 | Sg | 08:48:24.577 | 0.6 | | | | | T__ | | | | m_e | |
| WIMM | 1.92 | 124.8 | Sg | 08:48:32.687 | -1.6 | | | | | T__ | | | | m_e ML | 2.0 |

Event 10420008 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/20 | 14:28:58.82 | 0.86 | 0.78 | 51.4390 | 16.0460 | 15.6 | 5.6 | 013 | 1.0f | | 13 | 11 | 243 | 0.62 | 3.06 | m i ki | BGR | 10420008 |

Magnitude Err Nsta Author OrigID
 ML 3.0 0.3 7 BGR 10420008

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| KSP | 0.62 | 165.3 | Pg | 14:29:10.748 | 0.3 | | | | | T__ | | | | m_e ML | 2.4 |
| DPC | 1.10 | 170.8 | Pg | 14:29:19.562 | -0.0 | | | | | T__ | | | | m_e ML | 3.2 |
| BRG | 1.44 | 247.6 | Pn | 14:29:25.379 | 0.2 | | | | | T__ | | | | m_e ML | 3.0 |
| BRG | 1.44 | 247.6 | Sg | 14:29:45.897 | 1.5 | | | | | T__ | | | | m_e | |
| FBE | 1.77 | 254.0 | Pn | 14:29:30.600 | 0.9 | | | | | T__ | | | | m_e ML | 2.7 |
| FBE | 1.77 | 254.0 | Sg | 14:29:54.947 | 0.1 | | | | | T__ | | | | m_e | |
| CLL | 1.90 | 267.2 | Pn | 14:29:29.925 | -1.7 | | | | | T__ | | | | m_e ML | 2.9 |
| MORC | 1.91 | 149.7 | Pn | 14:29:30.986 | -0.7 | | | | | T__ | | | | m_e ML | 3.3 |
| MANZ | 2.89 | 241.3 | Pn | 14:29:44.732 | -0.2 | | | | | T__ | | | | m_e | |
| MOX | 2.90 | 255.8 | Sg | 14:30:32.629 | 1.8 | | | | | T__ | | | | m_e ML | 3.5 |
| ROTZ | 2.95 | 237.0 | Pn | 14:29:45.921 | 0.1 | | | | | T__ | | | | m_e | |
| GEC2 | 3.00 | 211.0 | Pn | 14:29:47.251 | 0.8 | | | | | T__ | | | | m_e | |
| WET | 3.06 | 222.6 | Pn | 14:29:47.742 | 0.5 | | | | | T__ | | | | m_e | |

Event 10421004 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/21 | 07:47:15.14 | 0.35 | 1.00 | 50.0930 | 18.4160 | 6.7 | 4.4 | 176 | 1.0f | | 13 | 7 | 141 | 0.31 | 3.31 | m i ki | BGR | 10421004 |

Magnitude Err Nsta Author OrigID
 ML 3.4 0.5 7 BGR 10421004

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| OKC | 0.31 | 214.2 | Pg | 07:47:20.753 | -0.2 | | | | | T__ | | | | m_e | ML 2.5 |
| OKC | 0.31 | 214.2 | Sg | 07:47:25.651 | 0.7 | | | | | T__ | | | | m_e | |
| MORC | 0.65 | 241.0 | Pg | 07:47:27.054 | -0.2 | | | | | T__ | | | | m_e | ML 3.6 |
| MORC | 0.65 | 241.0 | Sg | 07:47:36.189 | 0.6 | | | | | T__ | | | | m_e | |
| OJC | 0.89 | 81.3 | Pg | 07:47:31.740 | -0.3 | | | | | T__ | | | | m_e | ML 3.0 |
| OJC | 0.89 | 81.3 | Sg | 07:47:44.733 | 1.2 | | | | | T__ | | | | m_e | |
| DPC | 1.36 | 281.7 | Pn | 07:47:38.526 | -2.1 | | | | | T__ | | | | m_e | ML 4.0 |
| DPC | 1.36 | 281.7 | Sg | 07:47:59.224 | 0.7 | | | | | T__ | | | | m_e | |
| KSP | 1.55 | 299.9 | Pn | 07:47:42.799 | -0.2 | | | | | T__ | | | | m_e | ML 3.1 |
| KSP | 1.55 | 299.9 | Sg | 07:48:05.217 | 1.0 | | | | | T__ | | | | m_e | |
| BRG | 2.95 | 287.0 | Pg | 07:48:09.693 | -1.1 | | | | | T__ | | | | m_e | ML 3.6 |
| BRG | 2.95 | 287.0 | Sg | 07:48:48.126 | -0.8 | | | | | T__ | | | | m_e | |
| GEC2 | 3.31 | 249.6 | Pg | 07:48:16.905 | -0.6 | | | | | T__ | | | | m_e | ML 3.7 |

Event 10429010 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/29 | 15:38:34.24 | 0.43 | 1.00 | 51.5070 | 16.1110 | 7.8 | 3.3 | 020 | 1.0f | | 28 | 16 | 212 | 0.67 | 3.59 | m i ki | BGR | 10429010 |

Magnitude Err Nsta Author OrigID
 ML 3.1 0.3 15 BGR 10429010

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| KSP | 0.67 | 170.2 | Pg | 15:38:46.868 | -0.1 | | | | | T__ | | | | m_e | ML 2.5 |
| KSP | 0.67 | 170.2 | Sg | 15:38:56.360 | 0.7 | | | | | T__ | | | | m_e | |
| DPC | 1.16 | 173.4 | Pg | 15:38:55.761 | -0.4 | | | | | T__ | | | | m_e | ML 3.3 |
| DPC | 1.16 | 173.4 | Sg | 15:39:13.042 | 1.8 | | | | | T__ | | | | m_e | |
| BRG | 1.50 | 245.8 | Pn | 15:39:01.226 | -0.3 | | | | | T__ | | | | m_e | ML 3.1 |
| BRG | 1.50 | 245.8 | Pg | 15:39:02.603 | 0.1 | | | | | T__ | | | | m_e | |
| BRG | 1.50 | 245.8 | Sg | 15:39:22.394 | 0.5 | | | | | T__ | | | | m_e | |
| FBE | 1.82 | 252.3 | Pn | 15:39:07.214 | 1.3 | | | | | T__ | | | | m_e | ML 2.9 |
| FBE | 1.82 | 252.3 | Sg | 15:39:32.110 | -0.1 | | | | | T__ | | | | m_e | |
| CLL | 1.95 | 265.3 | Pn | 15:39:07.076 | -0.5 | | | | | T__ | | | | m_e | ML 3.1 |
| MORC | 1.95 | 151.8 | Pn | 15:39:07.573 | -0.1 | | | | | T__ | | | | m_e | ML 3.4 |
| MORC | 1.95 | 151.8 | Sg | 15:39:35.289 | -1.0 | | | | | T__ | | | | m_e | |
| OKC | 2.11 | 141.5 | Pg | 15:39:13.579 | -0.4 | | | | | T__ | | | | m_e | ML 2.8 |
| OKC | 2.11 | 141.5 | Sg | 15:39:40.080 | -1.2 | | | | | T__ | | | | m_e | |
| TANN | 2.54 | 246.0 | Pn | 15:39:16.260 | 0.6 | | | | | T__ | | | | m_e | ML 3.2 |
| TANN | 2.54 | 246.0 | Sg | 15:39:54.709 | -0.4 | | | | | T__ | | | | m_e | |
| WERD | 2.62 | 247.6 | Pn | 15:39:17.131 | 0.4 | | | | | T__ | | | | m_e | ML 3.3 |
| WERD | 2.62 | 247.6 | Pg | 15:39:23.004 | -0.6 | | | | | T__ | | | | m_e | |
| WERD | 2.62 | 247.6 | Sg | 15:39:56.738 | -0.7 | | | | | T__ | | | | m_e | |
| OJC | 2.66 | 117.5 | Pn | 15:39:17.745 | 0.5 | | | | | T__ | | | | m_e | ML 3.4 |
| OJC | 2.66 | 117.5 | Pg | 15:39:24.388 | 0.0 | | | | | T__ | | | | m_e | |
| MOX | 2.95 | 254.8 | Pn | 15:39:22.369 | 1.1 | | | | | T__ | | | | m_e | ML 3.5 |
| MOX | 2.95 | 254.8 | Pg | 15:39:29.590 | -0.3 | | | | | T__ | | | | m_e | |
| MANZ | 2.95 | 240.6 | Pn | 15:39:22.077 | 0.8 | | | | | T__ | | | | m_e | ML 3.3 |

| | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|----|-----|
| ROTZ | 3.03 | 236.4 | Pn | 15:39:22.850 | 0.6 | T__ | m_e | ML | 3.1 |
| GEC2 | 3.08 | 211.0 | Pn | 15:39:23.957 | 1.1 | T__ | m_e | ML | 3.3 |
| WET | 3.14 | 222.4 | Pn | 15:39:24.076 | 0.4 | T__ | m_e | ML | 3.2 |
| GRA1 | 3.59 | 241.6 | Pn | 15:39:26.544 | -3.4 | T__ | m_e | | |

Event 10430002 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/30 | 03:32:03.57 | 0.52 | 0.59 | 51.4700 | 16.1690 | 6.7 | 3.3 | 023 | 1.0f | | 21 | 14 | 221 | 0.63 | 3.13 | m i ki | BGR | 10430002 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.0 | 0.5 | 9 BGR | 10430002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| KSP | 0.63 | 172.9 | Pg | 03:32:15.251 | -0.2 | | | | | T__ | | | | m_e | ML 2.3 |
| KSP | 0.63 | 172.9 | Sg | 03:32:23.310 | -0.3 | | | | | T__ | | | | m_e | |
| DPC | 1.12 | 175.0 | Pg | 03:32:24.092 | -0.7 | | | | | T__ | | | | m_e | ML 3.2 |
| DPC | 1.12 | 175.0 | Sg | 03:32:40.365 | 1.1 | | | | | T__ | | | | m_e | |
| BRG | 1.52 | 247.7 | Pg | 03:32:32.065 | -0.1 | | | | | T__ | | | | m_e | ML 2.8 |
| BRG | 1.52 | 247.7 | Sg | 03:32:51.859 | 0.1 | | | | | T__ | | | | m_e | |
| FBE | 1.85 | 253.8 | Pg | 03:32:38.025 | -0.4 | | | | | T__ | | | | m_e | ML 2.8 |
| FBE | 1.85 | 253.8 | Sg | 03:33:02.025 | -0.2 | | | | | T__ | | | | m_e | |
| MORC | 1.90 | 152.2 | Pn | 03:32:35.840 | -0.5 | | | | | T__ | | | | m_e | ML 3.2 |
| MORC | 1.90 | 152.2 | Pg | 03:32:38.882 | -0.6 | | | | | T__ | | | | m_e | |
| MORC | 1.90 | 152.2 | Sg | 03:33:04.076 | 0.0 | | | | | T__ | | | | m_e | |
| OKC | 2.06 | 141.7 | Pn | 03:32:37.416 | -1.0 | | | | | T__ | | | | m_e | ML 2.6 |
| OKC | 2.06 | 141.7 | Pg | 03:32:42.579 | 0.2 | | | | | T__ | | | | m_e | |
| TANN | 2.56 | 247.1 | Pn | 03:32:45.275 | 0.0 | | | | | T__ | | | | m_e | ML 3.2 |
| OJC | 2.61 | 117.2 | Pg | 03:32:53.449 | 0.7 | | | | | T__ | | | | m_e | ML 4.0 |
| WERD | 2.64 | 248.7 | Pg | 03:32:52.706 | -0.6 | | | | | T__ | | | | m_e | ML 3.1 |
| MANZ | 2.97 | 241.6 | Pn | 03:32:51.246 | 0.5 | | | | | T__ | | | | m_e | |
| MOX | 2.98 | 255.7 | Pn | 03:32:51.241 | 0.3 | | | | | T__ | | | | m_e | |
| ROTZ | 3.04 | 237.4 | Pn | 03:32:52.339 | 0.7 | | | | | T__ | | | | m_e | |
| GEC2 | 3.06 | 212.0 | Pn | 03:32:53.106 | 1.0 | | | | | T__ | | | | m_e | |
| WET | 3.13 | 223.4 | Pn | 03:32:53.339 | 0.3 | | | | | T__ | | | | m_e | |

Event 10430009 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2011/04/30 | 15:40:11.18 | 0.43 | 0.81 | 51.4480 | 16.0760 | 7.8 | 3.3 | 016 | 1.0f | | 25 | 17 | 197 | 0.62 | 3.56 | m i ki | BGR | 10430009 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.6 | 0.3 | 15 BGR | 10430009 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| KSP | 0.62 | 167.2 | Pg | 15:40:22.931 | 0.1 | | | | | T__ | | | | m_e | ML 2.8 |
| DPC | 1.11 | 171.9 | Pg | 15:40:31.719 | -0.4 | | | | | T__ | | | | m_e | ML 3.6 |
| DPC | 1.11 | 171.9 | Sg | 15:40:46.901 | 0.5 | | | | | T__ | | | | m_e | |
| BRG | 1.46 | 247.6 | Pn | 15:40:36.832 | -1.0 | | | | | T__ | | | | m_e | ML 3.4 |
| BRG | 1.46 | 247.6 | Pg | 15:40:38.747 | 0.1 | | | | | T__ | | | | m_e | |

| | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|--|--|--|--|--|--------|-----|
| BRG | 1.46 | 247.6 | Sg | 15:40:58.343 | 0.9 | T__ | | | | | | m_e | |
| FBE | 1.79 | 253.9 | Pn | 15:40:41.684 | -0.7 | T__ | | | | | | m_e ML | 3.2 |
| FBE | 1.79 | 253.9 | Sg | 15:41:08.259 | 0.4 | T__ | | | | | | m_e | |
| MORC | 1.91 | 150.3 | Pn | 15:40:43.434 | -0.6 | T__ | | | | | | m_e ML | 3.8 |
| CLL | 1.92 | 267.0 | Pn | 15:40:43.206 | -1.0 | T__ | | | | | | m_e ML | 3.5 |
| CLL | 1.92 | 267.0 | Sg | 15:41:12.432 | 0.2 | T__ | | | | | | m_e | |
| OKC | 2.08 | 140.0 | Pn | 15:40:48.930 | 2.6 | T__ | | | | | | m_e ML | 3.1 |
| OKC | 2.08 | 140.0 | Sg | 15:41:16.141 | -1.1 | T__ | | | | | | m_e | |
| TANN | 2.50 | 247.0 | Sg | 15:41:29.717 | -0.9 | T__ | | | | | | m_e ML | 3.6 |
| WERD | 2.58 | 248.6 | Pn | 15:40:53.135 | 0.1 | T__ | | | | | | m_e ML | 3.6 |
| OJC | 2.65 | 116.1 | Pn | 15:40:53.675 | -0.4 | T__ | | | | | | m_e ML | 3.7 |
| OJC | 2.65 | 116.1 | Pg | 15:41:00.743 | -0.4 | T__ | | | | | | m_e | |
| MANZ | 2.91 | 241.4 | Pn | 15:40:57.890 | 0.4 | T__ | | | | | | m_e ML | 3.6 |
| MOX | 2.92 | 255.8 | Pn | 15:40:57.583 | -0.1 | T__ | | | | | | m_e ML | 3.8 |
| MOX | 2.92 | 255.8 | Pg | 15:41:05.795 | -0.3 | T__ | | | | | | m_e | |
| ROTZ | 2.98 | 237.1 | Pn | 15:40:58.848 | 0.4 | T__ | | | | | | m_e | |
| GEC2 | 3.01 | 211.2 | Pn | 15:40:59.559 | 0.6 | T__ | | | | | | m_e ML | 3.7 |
| WET | 3.08 | 222.8 | Pn | 15:40:59.979 | 0.1 | T__ | | | | | | m_e | |
| GRA1 | 3.55 | 242.2 | Pn | 15:41:06.887 | 0.7 | T__ | | | | | | m_e ML | 4.1 |
| CLZ | 3.56 | 278.6 | Pn | 15:41:06.823 | 0.4 | T__ | | | | | | m_e ML | 3.7 |

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

| Net | Sta | Chan | Aux | Date | Time | Phase | Azim | Slow | SNR | Amp | Per | Qual | Author | ArrID |
|-----|-----|------|-----|------|------|-------|------|------|-----|-----|-----|------|--------|-------|
|-----|-----|------|-----|------|------|-------|------|------|-----|-----|-----|------|--------|-------|