

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

(produced by the Federal Seismological Survey/BGR - HANNOVER)

September 2020

UPDATED 17.March 2022

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

| Event | Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|-----------------------|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 901001 Sea of Okhotsk | 2020/09/01 | 00:51:24.66 | | | 59.2800 | 158.0110 | | | | 14.2 | | | 24 | | 64.07 | 70.09 | m i ke | BGR |
| | 901007 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.4 | | BGR | 901007 |
| Ms | 5.4 | | BGR | 901007 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-------|--------|-----------|
| ASSE | 65.73 | | P | 01:02:07.397 | 0.2 | 17.6 | | 6.32 | | TAS | | 45.6 | 1.31 | a_e mb | 5.5 |
| BFO | 69.80 | | P | 01:02:32.673 | | 17.6 | | 6.32 | | TAS | | 48.9 | 1.77 | m_e mb | 5.3 |
| BRG | 66.27 | | P | 01:02:10.647 | 0.2 | 17.6 | | 6.32 | | TAS | | 16.7 | 1.10 | a_e mb | 5.2 |
| BSEG | 64.07 | | P | 01:01:56.747 | 0.1 | 17.6 | | 6.32 | | TAS | | 16.1 | 1.06 | a_e mb | 5.2 |
| BUG | 66.99 | | P | 01:02:15.097 | 0.2 | 17.6 | | 6.32 | | TAS | | 30.4 | 1.03 | a_e mb | 5.5 |
| CLL | 66.06 | | P | 01:02:08.997 | -0.3 | 17.6 | | 6.32 | | TAS | | 30.9 | 0.97 | a_e mb | 5.5 |
| CLZ | 66.06 | | P | 01:02:09.847 | -0.1 | 17.6 | | 6.32 | | TAS | | 31.0 | 1.06 | a_e mb | 5.5 |
| FLT1 | 65.43 | | P | 01:02:04.897 | 0.4 | 17.6 | | 6.32 | | TAS | | 13.1 | 1.05 | a_e mb | 5.1 |
| FUR | 69.39 | | P | 01:02:30.647 | | 17.6 | | 6.32 | | TAS | | 21.3 | 1.03 | a_e mb | 5.2 |
| GEC2 | 68.25 | | P | 01:02:23.597 | 0.1 | 17.6 | | 6.32 | | TAS | | | | a_e | |
| GOR1 | 64.79 | | P | 01:02:01.697 | -0.2 | 17.6 | | 6.32 | | TAS | | 50.8 | 1.34 | a_e mb | 5.6 |
| GRA1 | 67.95 | | P | 01:02:21.897 | -0.4 | 17.6 | | 6.32 | | TAS | | 94.4 | 1.68 | m_e mb | 5.8 |
| GRA1 | 67.95 | | pP | 01:02:25.894 | | | | | | T__ | | | | m_e | |
| GRA1 | 67.95 | | L | 01:35:23.665 | | | | | | T__ | | 2132.7 | 19.90 | a_e Ms | 5.4 |
| GTTG | 66.41 | | P | 01:02:11.897 | -0.5 | 17.6 | | 6.32 | | TAS | | 33.9 | 1.41 | a_e mb | 5.4 |
| IBBN | 66.08 | | P | 01:02:09.497 | 0.0 | 17.6 | | 6.32 | | TAS | | 37.2 | 1.15 | a_e mb | 5.5 |
| KAST | 67.02 | | P | 01:02:15.647 | -0.2 | 17.6 | | 6.32 | | TAS | | 13.9 | 1.00 | a_e mb | 5.1 |
| MOX | 66.96 | | P | 01:02:15.297 | 0.2 | 17.6 | | 6.32 | | TAS | | 15.8 | 0.92 | a_e mb | 5.2 |
| MOX | 66.96 | | L | 01:34:54.469 | | | | | | T__ | | 2341.9 | 19.60 | a_e Ms | 5.4 |
| NEUB | 66.41 | | P | 01:02:11.347 | 0.1 | 17.6 | | 6.32 | | TAS | | 18.1 | 0.91 | a_e mb | 5.3 |

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|------|-------|---|--------------|------|------|------|-----|------|------|-----|----|-----|
| PLN | 67.01 | P | 01:02:15.697 | 0.5 | 17.6 | 6.32 | TAS | 8.0 | 1.06 | a_e | mb | 4.9 |
| RETH | 65.38 | P | 01:02:05.197 | 0.1 | 17.6 | 6.32 | TAS | 29.5 | 1.26 | a_e | mb | 5.4 |
| RUE | 64.79 | P | 01:02:01.297 | -0.6 | 17.6 | 6.32 | TAS | 48.1 | 1.07 | a_e | mb | 5.7 |
| STU | 69.21 | P | 01:02:29.147 | -0.2 | 17.6 | 6.32 | TAS | 56.2 | 1.20 | a_e | mb | 5.7 |
| TANN | 67.01 | P | 01:02:15.847 | 0.3 | 17.6 | 6.32 | TAS | 52.9 | 1.61 | a_e | mb | 5.5 |
| UBR | 70.09 | P | 01:02:34.797 | | 17.6 | 6.32 | TAS | 25.9 | 1.14 | a_e | mb | 5.2 |
| WLF | 68.90 | P | 01:02:27.389 | -0.3 | 17.6 | 6.32 | TAS | 20.2 | 1.16 | m_e | mb | 5.2 |

Event 901002 Near coast of central Chile

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/01 | 04:09:28.80 | | | -28.0100 | -71.2400 | | | | 23.0 | | | 11 | | 103.34 | 108.38 | m i ke | NEIC-M |
| OrigID 901097 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms | 6.8 | | BGR | 901008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|--------|------|-------|--------------|------|-------|-------|------|------|-----|-----|---------|-------|------|-----------|-----|
| ASSE | 106.98 | | Pdiff | 04:23:45.827 | 0.2 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| ASSE | 106.98 | | PP | 04:28:10.485 | | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| BFO | 104.01 | | Pdiff | 04:23:31.753 | -0.3 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| BFO | 104.01 | | PP | 04:27:45.955 | 0.7 | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| BRG | 108.38 | | Pdiff | 04:23:51.964 | | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| BSEG | 107.50 | | Pdiff | 04:23:47.963 | -0.0 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| BUG | 104.78 | | Pdiff | 04:23:35.198 | -0.3 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| CLL | 107.99 | | Pdiff | 04:23:50.003 | | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| CLZ | 106.69 | | Pdiff | 04:23:44.315 | -0.0 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| CLZ | 106.69 | | PP | 04:28:08.002 | | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| FLT1 | 107.38 | | Pdiff | 04:23:46.998 | 0.1 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| FLT1 | 107.38 | | PP | 04:28:12.948 | | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| FUR | 105.72 | | PP | 04:27:58.312 | 0.4 | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| GEC2 | 107.47 | | Pdiff | 04:23:47.574 | -0.2 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| GEC2 | 107.47 | | PP | 04:28:10.784 | | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| GOR1 | 107.68 | | Pdiff | 04:23:48.895 | | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| GRA1 | 106.31 | | Pdiff | 04:23:42.648 | 0.1 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| GRA1 | 106.31 | | L | 05:09:32.329 | | | | | | T__ | | 30510.2 | 21.60 | a_e | Ms | 6.8 |
| GTTG | 106.34 | | Pdiff | 04:23:42.759 | 0.3 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| IBBN | 105.43 | | Pdiff | 04:23:38.328 | -0.1 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| IBBN | 105.43 | | PP | 04:27:59.446 | 0.3 | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| KAST | 105.32 | | Pdiff | 04:23:37.559 | -0.4 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| KAST | 105.32 | | PP | 04:27:55.887 | 0.5 | 241.2 | | 7.71 | | TAS | | | | m_e | | |
| MOX | 106.93 | | Pdiff | 04:23:45.643 | 0.2 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| MOX | 106.93 | | L | 05:11:03.348 | | | | | | T__ | | 25474.4 | 21.40 | a_e | Ms | 6.7 |
| NEUB | 107.23 | | Pdiff | 04:23:46.940 | -0.3 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| PLN | 107.18 | | Pdiff | 04:23:46.489 | -0.4 | 246.6 | | 4.57 | | TAS | | | | m_e | | |
| RETH | 106.50 | | Pdiff | 04:23:43.601 | 0.3 | 246.6 | | 4.57 | | TAS | | | | m_e | | |

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|------|--------|-------|--------------|------|-------|------|-----|-----|
| STU | 104.72 | Pdiff | 04:23:35.156 | -0.1 | 246.6 | 4.57 | TAS | m_e |
| STU | 104.72 | PP | 04:27:50.657 | -0.2 | 241.2 | 7.71 | TAS | m_e |
| TANN | 107.33 | Pdiff | 04:23:47.377 | -0.1 | 246.6 | 4.57 | TAS | m_e |
| TANN | 107.33 | PP | 04:28:11.286 | | 241.2 | 7.71 | TAS | m_e |
| UBR | 104.80 | Pdiff | 04:23:36.025 | 0.3 | 246.6 | 4.57 | TAS | m_e |
| WLF | 103.34 | Pdiff | 04:23:29.246 | 0.4 | 246.6 | 4.57 | TAS | m_e |
| WLF | 103.34 | PP | 04:27:40.857 | -0.5 | 241.2 | 7.71 | TAS | m_e |

Event 901004 Near coast of northern Chile

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/01 | 21:09:17.40 | | | -27.9300 | -71.3900 | | | | 14.0 | | | 10 | | 103.36 | 108.02 | m i ke | NEIC-M |
| OrigID 901099 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms | 6.3 | | BGR | 901010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|-------|-------|------|------|-----|-----|---------|-------|--------|-----------|
| BFO | 104.04 | | Pdiff | 21:23:22.601 | -0.2 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| BFO | 104.04 | | PP | 21:27:36.936 | -0.1 | 244.8 | | 7.05 | | TAS | | | | m_e | |
| BUG | 104.80 | | Pdiff | 21:23:25.964 | 0.2 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| BUG | 104.80 | | PP | 21:27:41.273 | -1.8 | 244.8 | | 7.05 | | TAS | | | | m_e | |
| CLL | 108.02 | | Pdiff | 21:23:40.634 | | 246.8 | | 4.48 | | TAS | | | | m_e | |
| CLL | 108.02 | | PP | 21:28:05.031 | | 244.8 | | 7.05 | | TAS | | | | m_e | |
| FUR | 105.75 | | Pdiff | 21:23:30.596 | -0.2 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| FUR | 105.75 | | PP | 21:27:48.071 | 3.2 | 244.8 | | 7.05 | | TAS | | | | m_e | |
| GEC2 | 107.50 | | Pdiff | 21:23:38.210 | | 246.8 | | 4.48 | | TAS | | | | m_e | |
| GEC2 | 107.50 | | PP | 21:28:01.392 | | 244.8 | | 7.05 | | TAS | | | | m_e | |
| GRA1 | 106.34 | | PP | 21:27:56.626 | | 244.8 | | 7.05 | | TAS | | | | m_e | |
| GRA1 | 106.34 | | L | 22:09:24.198 | | | | | | T__ | | 11097.7 | 21.30 | a_e Ms | 6.4 |
| IBBN | 105.45 | | Pdiff | 21:23:28.755 | 0.1 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| KAST | 105.34 | | Pdiff | 21:23:28.310 | -0.2 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| KAST | 105.34 | | PP | 21:27:46.454 | -0.3 | 244.8 | | 7.05 | | TAS | | | | m_e | |
| MOX | 106.96 | | L | 22:09:51.944 | | | | | | T__ | | 8843.7 | 21.60 | a_e Ms | 6.3 |
| RETH | 106.52 | | Pdiff | 21:23:34.269 | | 246.8 | | 4.48 | | TAS | | | | m_e | |
| STU | 104.75 | | PP | 21:27:41.507 | -0.6 | 244.8 | | 7.05 | | TAS | | | | m_e | |
| UBBA | 106.09 | | Pdiff | 21:23:31.616 | 0.5 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| UBR | 104.84 | | Pdiff | 21:23:26.635 | -0.2 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| UBR | 104.84 | | PP | 21:27:41.507 | -1.0 | 244.8 | | 7.05 | | TAS | | | | m_e | |
| WLF | 103.36 | | Pdiff | 21:23:19.934 | 0.3 | 246.8 | | 4.48 | | TAS | | | | m_e | |
| WLF | 103.36 | | PP | 21:27:34.613 | 2.0 | 244.8 | | 7.05 | | TAS | | | | m_e | |

Event 901006 Tonga Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/01 | 21:57:16.01 | | | -18.7940 | -173.8460 | | | | 33.0 | | | 23 | | 144.69 | 150.91 | m i ke | BGR |
| OrigID 901012 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms | 5.8 | | BGR | 901012 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-------|------|-----------|-----|
| ASSE | 146.46 | | PKPbc | 22:16:53.476 | 0.3 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| BFO | 150.39 | | PKPbc | 22:17:03.564 | | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| BFO | 150.39 | | PKPab | 22:17:10.121 | | 7.7 | | 4.24 | | TAS | | | | | m_e | |
| BRG | 147.31 | | PKPbc | 22:16:55.697 | 0.2 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| BSEG | 144.69 | | PKPbc | 22:16:47.613 | 0.0 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| BUG | 147.32 | | PKPbc | 22:16:55.647 | 0.2 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| CLL | 147.02 | | PKPbc | 22:16:54.726 | -0.2 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| CLZ | 146.76 | | PKPbc | 22:16:54.507 | 0.1 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| FLT1 | 146.21 | | PKPbc | 22:16:52.188 | 0.4 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| FUR | 150.32 | | PKPbc | 22:17:03.318 | | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| FUR | 150.32 | | PKPab | 22:17:09.841 | | 7.7 | | 4.24 | | TAS | | | | | m_e | |
| GEC2 | 149.32 | | PKPbc | 22:17:00.898 | -0.5 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| GOR1 | 145.55 | | PKPbc | 22:16:50.686 | -0.4 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| GRA1 | 148.82 | | PKPbc | 22:16:59.958 | -0.3 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| GRA1 | 148.82 | | PKPab | 22:17:02.983 | | 7.7 | | 4.24 | | TAS | | | | | m_e | |
| GRA1 | 148.82 | | L | 23:28:43.593 | | | | | | T__ | | 1367.0 | 20.60 | a_e | Ms | 5.7 |
| GTTG | 147.09 | | PKPbc | 22:16:55.294 | 0.1 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| IBBN | 146.44 | | PKPbc | 22:16:53.530 | -0.0 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| KAST | 147.52 | | PKPbc | 22:16:56.392 | 0.3 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| MOX | 147.83 | | PKPbc | 22:16:57.150 | 0.4 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| MOX | 147.83 | | L | 23:24:54.537 | | | | | | T__ | | 1591.3 | 20.30 | a_e | Ms | 5.8 |
| NEUB | 147.28 | | PKPbc | 22:16:55.572 | 0.1 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| PLN | 147.93 | | PKPbc | 22:16:57.389 | -0.1 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| PLN | 147.93 | | PKPab | 22:16:59.903 | | 7.7 | | 4.24 | | TAS | | | | | m_e | |
| RETH | 145.94 | | PKPbc | 22:16:51.937 | 0.2 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| STU | 149.90 | | PKPbc | 22:17:02.601 | | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| TANN | 147.96 | | PKPbc | 22:16:57.577 | 0.1 | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| UBR | 150.91 | | PKPbc | 22:17:04.689 | | 9.3 | | 2.69 | | TAS | | | | | m_e | |
| WLF | 149.11 | | PKPbc | 22:17:01.151 | -0.4 | 9.3 | | 2.69 | | TAS | | | | | m_e | |

Event 902001 Tonga Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/01 | 23:43:57.19 | | | -21.4200 | -175.7800 | | | | 221.8 | | | 20 | | 147.12 | 153.28 | m i ke | BGR |
| OrigID 902007 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|--------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 152.86 | | PKPbc | 00:03:27.906 | | 11.8 | | 2.47 | | TAS | | | | m_e | |
| BRG | 149.55 | | PKPbc | 00:03:20.212 | 0.4 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| BSEG | 147.12 | | PKPbc | 00:03:13.522 | -0.4 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| BUG | 149.85 | | PKPbc | 00:03:20.647 | 0.3 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| CLL | 149.31 | | PKPbc | 00:03:19.447 | 0.1 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| CLZ | 149.17 | | PKPbc | 00:03:19.326 | 0.1 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| CLZ | 149.17 | | pPKPbc | 00:04:15.923 | | | | | | T__ | | | | m_e | |
| FLT1 | 148.59 | | PKPbc | 00:03:17.229 | -0.2 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| FUR | 152.63 | | PKPbc | 00:03:27.419 | | 11.8 | | 2.47 | | TAS | | | | m_e | |
| GEC2 | 151.53 | | PKPbc | 00:03:25.015 | | 11.8 | | 2.47 | | TAS | | | | m_e | |
| GRA1 | 151.16 | | PKPbc | 00:03:24.385 | | 11.8 | | 2.47 | | TAS | | | | m_e | |
| GTTG | 149.51 | | PKPbc | 00:03:20.090 | 0.2 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| KAST | 150.00 | | PKPbc | 00:03:21.290 | -0.1 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| MOX | 150.17 | | PKPbc | 00:03:21.691 | -0.2 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| NEUB | 149.62 | | PKPbc | 00:03:20.266 | 0.4 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| PLN | 150.24 | | PKPbc | 00:03:21.986 | -0.2 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| RETH | 148.40 | | PKPbc | 00:03:17.028 | 0.2 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| STU | 152.33 | | PKPbc | 00:03:26.748 | | 11.8 | | 2.47 | | TAS | | | | m_e | |
| TANN | 150.26 | | PKPbc | 00:03:22.091 | -0.4 | 11.8 | | 2.47 | | TAS | | | | m_e | |
| UBR | 153.28 | | PKPbc | 00:03:28.818 | | 11.8 | | 2.47 | | TAS | | | | m_e | |
| WLF | 151.68 | | PKPbc | 00:03:25.868 | | 11.8 | | 2.47 | | TAS | | | | m_e | |

| Event | Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|--------------------------------|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 902003 Hokkaido, Japan, region | 2020/09/02 | 10:35:43.83 | | | 42.8800 | 145.5600 | | | | 64.6 | 3.6 | | 19 | | 76.11 | 81.56 | m i ke | BGR |
| | 902009 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 4.8 | | BGR | 902009 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|--------|-----------|
| ASSE | 77.53 | | P | 10:47:33.533 | 0.2 | 32.3 | | 5.47 | | TAS | | 7.3 | 0.86 | m_e mb | 4.8 |
| ASSE | 77.53 | | pP | 10:47:51.273 | -0.0 | 33.0 | | 5.51 | | TAS | | | | m_e | |
| BFO | 81.56 | | P | 10:47:55.361 | | 32.3 | | 5.47 | | TAS | | 5.5 | 1.14 | m_e mb | 4.6 |
| BFO | 81.56 | | pP | 10:48:13.050 | | 33.0 | | 5.51 | | TAS | | | | m_e | |
| BRG | 77.47 | | P | 10:47:33.158 | -0.2 | 32.3 | | 5.47 | | TAS | | 4.8 | 0.87 | m_e mb | 4.6 |
| BSEG | 76.11 | | P | 10:47:25.830 | 0.2 | 32.3 | | 5.47 | | TAS | | 9.6 | 0.78 | m_e mb | 5.0 |
| BUG | 79.21 | | P | 10:47:42.585 | | 32.3 | | 5.47 | | TAS | | 13.6 | 0.93 | m_e mb | 5.0 |
| BUG | 79.21 | | pP | 10:48:00.338 | 0.5 | 33.0 | | 5.51 | | TAS | | | | m_e | |
| CLL | 77.43 | | P | 10:47:32.795 | 0.4 | 32.3 | | 5.47 | | TAS | | 16.9 | 0.74 | m_e mb | 5.3 |
| CLL | 77.43 | | pP | 10:47:50.348 | 0.3 | 33.0 | | 5.51 | | TAS | | | | m_e | |
| CLZ | 77.87 | | P | 10:47:35.906 | 0.0 | 32.3 | | 5.47 | | TAS | | 11.7 | 0.72 | m_e mb | 5.1 |
| CLZ | 77.87 | | pP | 10:47:53.484 | -0.2 | 33.0 | | 5.51 | | TAS | | | | m_e | |

| | | | | | | | | | | | | |
|------|-------|----|--------------|------|------|------|-----|------|------|-----|----|-----|
| FLT1 | 77.17 | P | 10:47:31.226 | -0.1 | 32.3 | 5.47 | TAS | 14.6 | 0.84 | m_e | mb | 5.1 |
| FLT1 | 77.17 | pP | 10:47:48.850 | -0.4 | 33.0 | 5.51 | TAS | | | m_e | | |
| GEC2 | 79.24 | P | 10:47:43.134 | | 32.3 | 5.47 | TAS | 2.6 | 0.70 | m_e | mb | 4.4 |
| GEC2 | 79.24 | pP | 10:48:00.775 | | 33.0 | 5.51 | TAS | | | m_e | | |
| GOR1 | 76.59 | P | 10:47:28.695 | 0.1 | 32.3 | 5.47 | TAS | 13.6 | 1.07 | m_e | mb | 5.0 |
| GRA1 | 79.41 | P | 10:47:44.500 | | 32.3 | 5.47 | TAS | 10.9 | 0.67 | m_e | mb | 4.9 |
| GRA1 | 79.41 | pP | 10:48:02.142 | | 33.0 | 5.51 | TAS | | | m_e | | |
| GTTG | 78.26 | P | 10:47:37.863 | 0.0 | 32.3 | 5.47 | TAS | 12.1 | 0.86 | m_e | mb | 5.0 |
| GTTG | 78.26 | pP | 10:47:55.545 | 0.0 | 33.0 | 5.51 | TAS | | | m_e | | |
| IBBN | 78.30 | P | 10:47:37.853 | 0.0 | 32.3 | 5.47 | TAS | 16.6 | 0.74 | m_e | mb | 5.2 |
| IBBN | 78.30 | pP | 10:47:56.395 | -0.3 | 33.0 | 5.51 | TAS | | | m_e | | |
| KAST | 79.05 | P | 10:47:42.050 | -0.4 | 32.3 | 5.47 | TAS | 5.3 | 0.80 | m_e | mb | 4.6 |
| KAST | 79.05 | pP | 10:47:59.753 | -0.5 | 33.0 | 5.51 | TAS | | | m_e | | |
| MOX | 78.47 | P | 10:47:38.787 | 0.2 | 32.3 | 5.47 | TAS | 4.2 | 0.69 | m_e | mb | 4.6 |
| MOX | 78.47 | pP | 10:47:56.438 | | 33.0 | 5.51 | TAS | | | m_e | | |
| NEUB | 77.95 | P | 10:47:35.757 | -0.1 | 32.3 | 5.47 | TAS | 15.4 | 0.80 | m_e | mb | 5.2 |
| NEUB | 77.95 | pP | 10:47:53.432 | | 33.0 | 5.51 | TAS | | | m_e | | |
| PLN | 78.42 | P | 10:47:38.527 | -0.2 | 32.3 | 5.47 | TAS | 1.8 | 1.00 | m_e | mb | 4.1 |
| RETH | 77.43 | P | 10:47:33.158 | -0.1 | 32.3 | 5.47 | TAS | 9.0 | 0.71 | m_e | mb | 5.0 |
| RETH | 77.43 | pP | 10:47:50.747 | 0.3 | 33.0 | 5.51 | TAS | | | m_e | | |
| TANN | 78.37 | P | 10:47:38.139 | 0.1 | 32.3 | 5.47 | TAS | 3.8 | 1.02 | m_e | mb | 4.5 |

Event 902004 South of Panama

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/02 | 21:09:28.36 | | | 6.7200 | -79.9200 | | | | 23.0 | 0.9 | | 20 | | 82.39 | 87.38 | m i ke | BGR |
| | 902010 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.0 | | BGR | 902010 |
| Ms | 4.4 | | BGR | 902010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|-------|-------|------|-----------|-----|
| ASSE | 85.11 | | P | 21:22:03.333 | -0.3 | 275.1 | | 5.01 | | TAS | | 25.6 | 1.50 | m_e | mb | 5.2 |
| BRG | 87.27 | | P | 21:22:13.732 | 0.0 | 275.1 | | 5.01 | | TAS | | 4.6 | 0.98 | m_e | mb | 4.6 |
| BSEG | 84.75 | | P | 21:22:01.084 | -0.2 | 275.1 | | 5.01 | | TAS | | 15.7 | 1.74 | m_e | mb | 5.0 |
| BUG | 83.04 | | P | 21:21:52.349 | -0.1 | 275.1 | | 5.01 | | TAS | | 11.7 | 1.23 | m_e | mb | 5.0 |
| CLL | 86.63 | | P | 21:22:10.428 | -0.0 | 275.1 | | 5.01 | | TAS | | 19.3 | 1.46 | m_e | mb | 5.0 |
| CLZ | 84.95 | | P | 21:22:02.386 | 0.2 | 275.1 | | 5.01 | | TAS | | 13.7 | 1.20 | m_e | mb | 5.1 |
| FLT1 | 85.44 | | P | 21:22:04.229 | -0.1 | 275.1 | | 5.01 | | TAS | | 22.8 | 1.59 | m_e | mb | 5.2 |
| FUR | 85.85 | | P | 21:22:06.584 | | 275.1 | | 5.01 | | TAS | | 10.3 | 0.59 | m_e | mb | 5.1 |
| GEC2 | 87.38 | | P | 21:22:13.955 | | 275.1 | | 5.01 | | TAS | | 9.9 | 1.25 | m_e | mb | 4.8 |
| GEC2 | 87.38 | | pP | 21:22:20.540 | | 276.2 | | 4.63 | | TAS | | | | m_e | | |
| GRA1 | 85.67 | | P | 21:22:05.773 | | 275.1 | | 5.01 | | TAS | | 42.8 | 1.80 | m_e | mb | 5.3 |
| GRA1 | 85.67 | | pP | 21:22:12.723 | | 276.2 | | 4.63 | | TAS | | | | m_e | | |
| GRA1 | 85.67 | | L | 21:54:17.351 | | | | | | T__ | | 159.1 | 21.40 | a_e | Ms | 4.4 |

| | | | | | | | | | | | | |
|------|-------|----|--------------|------|-------|------|-----|-------|-------|-----|----|-----|
| IBBN | 83.31 | P | 21:21:53.671 | -0.2 | 275.1 | 5.01 | TAS | 32.5 | 1.77 | m_e | mb | 5.3 |
| KAST | 83.77 | P | 21:21:55.897 | -0.1 | 275.1 | 5.01 | TAS | 17.3 | 1.55 | m_e | mb | 5.0 |
| MOX | 85.83 | S | 21:32:46.261 | | | | T__ | | | m_e | | |
| MOX | 85.83 | P | 21:22:06.533 | -0.3 | 275.1 | 5.01 | TAS | 8.3 | 1.36 | m_e | mb | 4.7 |
| MOX | 85.83 | pP | 21:22:13.105 | | 276.2 | 4.63 | TAS | | | m_e | | |
| MOX | 85.83 | L | 21:59:34.835 | | | | T__ | 169.5 | 19.40 | a_e | Ms | 4.5 |
| NEUB | 85.88 | P | 21:22:06.955 | 0.2 | 275.1 | 5.01 | TAS | 51.6 | 2.07 | m_e | mb | 5.3 |
| PLN | 86.19 | P | 21:22:08.293 | 0.1 | 275.1 | 5.01 | TAS | 3.4 | 1.04 | m_e | mb | 4.4 |
| PLN | 86.19 | pP | 21:22:15.081 | | 276.2 | 4.63 | TAS | | | m_e | | |
| RETH | 84.27 | P | 21:21:59.073 | 0.4 | 275.1 | 5.01 | TAS | 37.5 | 1.68 | m_e | mb | 5.3 |
| STU | 84.42 | P | 21:21:59.515 | | 275.1 | 5.01 | TAS | 26.0 | 0.58 | m_e | mb | 5.7 |
| TANN | 86.39 | P | 21:22:09.527 | 0.0 | 275.1 | 5.01 | TAS | 5.2 | 0.95 | m_e | mb | 4.6 |
| TANN | 86.39 | pP | 21:22:16.078 | | 276.2 | 4.63 | TAS | | | m_e | | |
| UBR | 85.11 | P | 21:22:02.961 | | 275.1 | 5.01 | TAS | 6.9 | 0.93 | m_e | mb | 4.9 |
| WLF | 82.39 | P | 21:21:49.285 | 0.1 | 275.1 | 5.01 | TAS | 57.5 | 1.73 | m_e | mb | 5.4 |

Event 902005 South of Fiji Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|------|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/02 | 22:38:21.65 | | | -25.0400 | -178.2070 | | | 33.0 | | | | 16 | | 150.37 | 155.66 | m i ke | BGR |
| | 902011 | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| ASSE | 152.04 | | PKPbc | 22:58:14.341 | 0.0 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| BRG | 152.49 | | PKPbc | 22:58:15.340 | 0.1 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| BRG | 152.49 | | PKPab | 22:58:24.570 | | 20.5 | | 4.38 | | TAS | | | | m_e | |
| BSEG | 150.37 | | PKPbc | 22:58:10.440 | -0.1 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| BSEG | 150.37 | | PKPab | 22:58:15.937 | -0.1 | 20.5 | | 4.38 | | TAS | | | | m_e | |
| CLL | 152.33 | | PKPbc | 22:58:14.887 | 0.1 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| CLL | 152.33 | | PKPab | 22:58:23.761 | | 20.5 | | 4.38 | | TAS | | | | m_e | |
| CLZ | 152.37 | | PKPbc | 22:58:15.451 | 0.1 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| FLT1 | 151.74 | | PKPbc | 22:58:13.383 | 0.4 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| FLT1 | 151.74 | | PKPab | 22:58:21.257 | 0.0 | 20.5 | | 4.38 | | TAS | | | | m_e | |
| FUR | 155.66 | | PKPbc | 22:58:21.941 | | 20.0 | | 2.18 | | TAS | | | | m_e | |
| FUR | 155.66 | | PKPab | 22:58:38.675 | | 20.5 | | 4.38 | | TAS | | | | m_e | |
| GEC2 | 154.40 | | PKPbc | 22:58:19.219 | | 20.0 | | 2.18 | | TAS | | | | m_e | |
| HLG | 150.46 | | PKPbc | 22:58:11.092 | 0.0 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| IBBN | 152.31 | | PKPbc | 22:58:15.052 | 0.1 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| IBBN | 152.31 | | PKPab | 22:58:24.346 | 0.3 | 20.5 | | 4.38 | | TAS | | | | m_e | |
| KAST | 153.30 | | PKPbc | 22:58:17.311 | -0.3 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| MOX | 153.26 | | PKPbc | 22:58:16.971 | -0.2 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| MOX | 153.26 | | PKPab | 22:58:27.911 | | 20.5 | | 4.38 | | TAS | | | | m_e | |
| NEUB | 152.71 | | PKPbc | 22:58:15.815 | 0.2 | 20.0 | | 2.18 | | TAS | | | | m_e | |
| NEUB | 152.71 | | PKPab | 22:58:25.191 | | 20.5 | | 4.38 | | TAS | | | | m_e | |

| | | | | | | | | |
|------|--------|-------|--------------|------|------|------|-----|-----|
| PLN | 153.29 | PKPbc | 22:58:17.141 | 20.0 | 2.18 | TAS | m_e | |
| PLN | 153.29 | PKPab | 22:58:27.897 | 20.5 | 4.38 | TAS | m_e | |
| RETH | 151.67 | PKPbc | 22:58:13.633 | -0.1 | 20.0 | 2.18 | TAS | m_e |
| TANN | 153.28 | PKPbc | 22:58:17.084 | 20.0 | 2.18 | TAS | m_e | |

Event 903005 Tonga Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/03 | 17:12:00.23 | | | -17.0930 | -174.7880 | | | | 200.0 | | | 24 | | 142.93 | 149.14 | m i ke | BGR |
| | 903011 | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| ASSE | 144.69 | | PKPbc | 17:31:11.584 | 0.5 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| BFO | 148.65 | | PKPbc | 17:31:22.403 | | 10.6 | | 2.86 | | TAS | | | | | a_e |
| BRG | 145.50 | | PKPbc | 17:31:14.053 | 0.2 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| BSEG | 142.93 | | PKPbc | 17:31:05.553 | -0.3 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| BUG | 145.60 | | PKPbc | 17:31:14.188 | 0.2 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| CLL | 145.22 | | PKPbc | 17:31:13.053 | 0.3 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| CLZ | 145.00 | | PKPbc | 17:31:12.853 | 0.4 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| FLT1 | 144.43 | | PKPbc | 17:31:10.454 | 0.1 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| FUR | 148.52 | | PKPbc | 17:31:22.103 | | 10.6 | | 2.86 | | TAS | | | | | a_e |
| FUR | 148.52 | | PKiKP | 17:31:24.013 | | | | | | T__ | | | | | m_e |
| FUR | 148.52 | | PKPab | 17:31:27.331 | | | | | | T__ | | | | | m_e |
| GEC2 | 147.50 | | PKPbc | 17:31:19.453 | -0.3 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| GOR1 | 143.77 | | PKPbc | 17:31:08.555 | -0.0 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| GRA1 | 147.03 | | PKPbc | 17:31:18.542 | -0.1 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| GRA1 | 147.03 | | PKPab | 17:31:21.361 | | | | | | T__ | | | | | m_e |
| GTTG | 145.33 | | PKPbc | 17:31:13.738 | 0.2 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| IBBN | 144.71 | | PKPbc | 17:31:11.902 | 0.1 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| KAST | 145.78 | | PKPbc | 17:31:14.871 | 0.3 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| MOX | 146.04 | | PKPbc | 17:31:15.523 | 0.4 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| NEUB | 145.49 | | PKPbc | 17:31:14.053 | -0.1 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| PLN | 146.13 | | PKPbc | 17:31:15.903 | -0.1 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| PLN | 146.13 | | PKPab | 17:31:17.545 | | | | | | T__ | | | | | m_e |
| RETH | 144.19 | | PKPbc | 17:31:10.103 | 0.1 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| RUE | 143.97 | | PKPbc | 17:31:08.853 | -0.2 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| STU | 148.14 | | PKPbc | 17:31:21.303 | -0.7 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| STU | 148.14 | | PKiKP | 17:31:23.120 | | | | | | T__ | | | | | m_e |
| STU | 148.14 | | PKPab | 17:31:25.817 | | | | | | T__ | | | | | m_e |
| TANN | 146.16 | | PKPbc | 17:31:16.053 | 0.4 | 10.6 | | 2.86 | | TAS | | | | | m_e |
| UBR | 149.14 | | PKPbc | 17:31:23.503 | | 10.6 | | 2.86 | | TAS | | | | | a_e |
| WLF | 147.41 | | PKPbc | 17:31:20.003 | -0.5 | 10.6 | | 2.86 | | TAS | | | | | a_e |
| WLF | 147.41 | | PKPab | 17:31:23.488 | | | | | | T__ | | | | | m_e |

Event 903007 Fiji Islands region

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/03 | 19:12:59.60 | | | -18.7530 | -178.2090 | | | | 600.0 | | | 16 | | 146.21 | 150.27 | m i ke | BGR |
| | 903013 | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 149.93 | | PKPbc | 19:31:42.456 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| BRG | 146.45 | | PKPbc | 19:31:33.368 | -0.3 | 17.1 | | 2.63 | | TAS | | | | | m_e |
| CLL | 146.24 | | PKPbc | 19:31:32.672 | 0.1 | 17.1 | | 2.63 | | TAS | | | | | m_e |
| CLZ | 146.21 | | PKPbc | 19:31:32.869 | 0.3 | 17.1 | | 2.63 | | TAS | | | | | m_e |
| FUR | 149.58 | | PKPbc | 19:31:41.698 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| GEC2 | 148.40 | | PKPbc | 19:31:38.751 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| GRA1 | 148.13 | | PKPbc | 19:31:38.297 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| GTTG | 146.56 | | PKPbc | 19:31:33.747 | 0.4 | 17.1 | | 2.63 | | TAS | | | | | m_e |
| KAST | 147.11 | | PKPbc | 19:31:35.146 | -0.2 | 17.1 | | 2.63 | | TAS | | | | | m_e |
| MOX | 147.15 | | PKPbc | 19:31:35.228 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| NEUB | 146.59 | | PKPbc | 19:31:33.696 | 0.0 | 17.1 | | 2.63 | | TAS | | | | | m_e |
| PLN | 147.19 | | PKPbc | 19:31:35.459 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| STU | 149.37 | | PKPbc | 19:31:41.225 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| TANN | 147.20 | | PKPbc | 19:31:35.636 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| UBR | 150.27 | | PKPbc | 19:31:43.190 | | 17.1 | | 2.63 | | TAS | | | | | m_e |
| WLF | 148.87 | | PKPbc | 19:31:40.448 | | 17.1 | | 2.63 | | TAS | | | | | m_e |

Event 903009 Off east coast of Honshu, Japan

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/03 | 21:45:08.93 | | | 36.9200 | 142.4600 | | | | 35.1 | 0.9 | | 18 | | 80.30 | 85.71 | m i ke | BGR |
| | 903015 | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| | | | | |
|----|-----|--|-----|--------|
| mb | 5.1 | | BGR | 903015 |
| Ms | 5.3 | | BGR | 903015 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|--------|-----------|
| BFO | 85.71 | | P | 21:57:45.178 | | 37.3 | | 5.15 | | TAS | | 20.9 | 1.20 | m_e mb | 5.1 |
| BFO | 85.71 | | pP | 21:57:55.494 | | 37.1 | | 5.21 | | TAS | | | | m_e | |
| BRG | 81.48 | | P | 21:57:23.597 | 0.0 | 37.3 | | 5.15 | | TAS | | 11.9 | 1.17 | m_e mb | 4.9 |
| BRG | 81.48 | | pP | 21:57:33.658 | 0.0 | 37.1 | | 5.21 | | TAS | | | | m_e | |
| BSEG | 80.43 | | P | 21:57:18.135 | 0.2 | 37.3 | | 5.15 | | TAS | | 10.1 | 1.10 | m_e mb | 4.8 |
| CLL | 81.51 | | P | 21:57:23.384 | -0.0 | 37.3 | | 5.15 | | TAS | | 18.7 | 1.10 | m_e mb | 5.1 |

| | | | | | | | | | | | | | | | | | | |
|------|-------|----|--------------|------|------|------|-----|--------|-------|-----|----|--|--|--|--|--|-----|-----|
| CLL | 81.51 | pP | 21:57:33.624 | 0.1 | 37.1 | 5.21 | TAS | | | | | | | | | | m_e | |
| CLZ | 82.09 | P | 21:57:27.187 | 0.0 | 37.3 | 5.15 | TAS | 14.2 | 0.92 | m_e | mb | | | | | | | 5.1 |
| FLT1 | 81.38 | P | 21:57:22.667 | -0.4 | 37.3 | 5.15 | TAS | 14.0 | 0.96 | m_e | mb | | | | | | | 5.0 |
| FLT1 | 81.38 | pP | 21:57:32.920 | 0.0 | 37.1 | 5.21 | TAS | | | | | | | | | | m_e | |
| GEC2 | 83.15 | P | 21:57:32.220 | | 37.3 | 5.15 | TAS | 11.0 | 1.28 | m_e | mb | | | | | | | 4.9 |
| GEC2 | 83.15 | pP | 21:57:42.418 | | 37.1 | 5.21 | TAS | | | | | | | | | | m_e | |
| GOR1 | 80.83 | P | 21:57:20.472 | -0.5 | 37.3 | 5.15 | TAS | 24.4 | 1.28 | m_e | mb | | | | | | | 5.1 |
| GRA1 | 83.49 | S | 22:08:02.809 | | | | T__ | | | | | | | | | | m_e | |
| GRA1 | 83.49 | P | 21:57:34.492 | | 37.3 | 5.15 | TAS | 34.8 | 1.37 | m_e | mb | | | | | | | 5.4 |
| GRA1 | 83.49 | L | 22:37:44.089 | | | | T__ | 1241.4 | 18.10 | a_e | Ms | | | | | | | 5.3 |
| GTTG | 82.48 | P | 21:57:29.202 | -0.0 | 37.3 | 5.15 | TAS | 7.3 | 0.64 | m_e | mb | | | | | | | 5.1 |
| GTTG | 82.48 | pP | 21:57:39.113 | | 37.1 | 5.21 | TAS | | | | | | | | | | m_e | |
| IBBN | 82.66 | P | 21:57:29.590 | -0.0 | 37.3 | 5.15 | TAS | 31.5 | 1.22 | m_e | mb | | | | | | | 5.4 |
| KAST | 83.33 | P | 21:57:33.074 | | 37.3 | 5.15 | TAS | 15.2 | 1.39 | m_e | mb | | | | | | | 5.0 |
| MOX | 82.57 | S | 22:07:54.195 | | | | T__ | | | | | | | | | | m_e | |
| MOX | 82.57 | P | 21:57:29.305 | 0.5 | 37.3 | 5.15 | TAS | 20.1 | 1.47 | m_e | mb | | | | | | | 5.1 |
| MOX | 82.57 | pP | 21:57:39.386 | | 37.1 | 5.21 | TAS | | | | | | | | | | m_e | |
| MOX | 82.57 | L | 22:37:14.513 | | | | T__ | 1371.5 | 18.00 | a_e | Ms | | | | | | | 5.4 |
| NEUB | 82.08 | P | 21:57:26.726 | 0.4 | 37.3 | 5.15 | TAS | 25.6 | 1.17 | m_e | mb | | | | | | | 5.2 |
| RETH | 81.74 | P | 21:57:25.007 | 0.4 | 37.3 | 5.15 | TAS | 14.9 | 1.20 | m_e | mb | | | | | | | 5.0 |
| RUE | 80.30 | P | 21:57:17.619 | -0.1 | 37.3 | 5.15 | TAS | 13.1 | 0.53 | m_e | mb | | | | | | | 5.1 |
| STU | 85.01 | P | 21:57:41.876 | | 37.3 | 5.15 | TAS | 31.7 | 0.92 | m_e | mb | | | | | | | 5.5 |
| STU | 85.01 | pP | 21:57:52.153 | | 37.1 | 5.21 | TAS | | | | | | | | | | m_e | |
| TANN | 82.42 | P | 21:57:28.558 | -0.1 | 37.3 | 5.15 | TAS | 20.1 | 1.68 | m_e | mb | | | | | | | 5.1 |
| TANN | 82.42 | pP | 21:57:38.707 | | 37.1 | 5.21 | TAS | | | | | | | | | | m_e | |

Event 904001 Sea of Japan

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/04 | 00:11:00.47 | | | 36.2930 | 135.5750 | | | | 33.0 | | | | | 80.29 | 81.16 | m i ke | BGR |
| | 904007 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 4.5 | | BGR | 904007 |
| Ms | 4.2 | | BGR | 904007 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-------|------|-----------|-----|
| GRA1 | 81.16 | | P | 00:23:12.083 | | 45.6 | | 4.45 | | TAS | | 5.5 | 0.97 | m_e | mb | 4.5 |
| GRA1 | 81.16 | | L | 00:53:33.950 | | | | | | T__ | | 88.4 | 21.50 | a_e | Ms | 4.1 |
| MOX | 80.29 | | L | 01:05:18.281 | | | | | | T__ | | 126.1 | 18.50 | a_e | Ms | 4.3 |

Event 904007 South of Panama

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|
|------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|

OrigID
 2020/09/04 17:45:23.11 7.5000 -82.5000 14.4 26 83.47 89.97 m i ke BGR
 904013

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 904013
 Ms 5.2 BGR 904013

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|-------|------|-----|-----|--------|-------|------|-----------|
| ARSA | 89.97 | | P | 17:58:18.313 | | 278.4 | | 5.02 | | TAS | | | | m_e | |
| ASSE | 86.08 | | P | 17:58:00.347 | 0.2 | 278.4 | | 5.02 | | TAS | | 110.2 | 1.72 | m_e | mb 5.7 |
| BFO | 85.01 | | SS | 18:14:00.910 | 12.8 | 276.5 | | 15.36 | | TAS | | | | m_e | |
| BFO | 85.01 | | P | 17:57:54.397 | 0.3 | 278.4 | | 5.02 | | TAS | | 10.8 | 1.23 | a_e | mb 5.0 |
| BRG | 88.29 | | SS | 18:14:48.746 | | 276.5 | | 15.36 | | TAS | | | | m_e | |
| BRG | 88.29 | | P | 17:58:11.047 | | 278.4 | | 5.02 | | TAS | | 41.5 | 1.42 | a_e | mb 5.6 |
| BSEG | 85.64 | | SS | 18:14:10.316 | 8.0 | 276.5 | | 15.36 | | TAS | | | | m_e | |
| BSEG | 85.64 | | P | 17:57:57.747 | 0.2 | 278.4 | | 5.02 | | TAS | | 70.7 | 2.10 | a_e | mb 5.4 |
| BUG | 84.05 | | SS | 18:13:46.824 | -1.6 | 276.5 | | 15.36 | | TAS | | | | m_e | |
| BUG | 84.05 | | P | 17:57:49.547 | -0.3 | 278.4 | | 5.02 | | TAS | | 31.6 | 1.32 | a_e | mb 5.4 |
| CLL | 87.63 | | SS | 18:14:39.221 | | 276.5 | | 15.36 | | TAS | | | | m_e | |
| CLL | 87.63 | | P | 17:58:07.597 | -0.5 | 278.4 | | 5.02 | | TAS | | 41.7 | 1.31 | a_e | mb 5.6 |
| CLZ | 85.93 | | SS | 18:14:30.817 | -5.2 | 276.5 | | 15.36 | | TAS | | | | m_e | |
| CLZ | 85.93 | | P | 17:57:59.547 | 0.4 | 278.4 | | 5.02 | | TAS | | 62.2 | 1.47 | a_e | mb 5.5 |
| FLT1 | 86.40 | | P | 17:58:01.197 | 0.1 | 278.4 | | 5.02 | | TAS | | 36.1 | 1.28 | a_e | mb 5.3 |
| FUR | 86.99 | | P | 17:58:04.897 | -0.0 | 278.4 | | 5.02 | | TAS | | 150.9 | 2.00 | a_e | mb 5.8 |
| GEC2 | 88.48 | | SS | 18:14:51.463 | | 276.5 | | 15.36 | | TAS | | | | m_e | |
| GEC2 | 88.48 | | P | 17:58:11.897 | | 278.4 | | 5.02 | | TAS | | 28.1 | 1.44 | a_e | mb 5.4 |
| GOR1 | 86.35 | | P | 17:58:01.497 | 0.1 | 278.4 | | 5.02 | | TAS | | 131.9 | 1.89 | a_e | mb 5.7 |
| GRA1 | 86.74 | | SS | 18:14:26.253 | | 276.5 | | 15.36 | | TAS | | | | m_e | |
| GRA1 | 86.74 | | P | 17:58:03.597 | 0.1 | 278.4 | | 5.02 | | TAS | | 45.9 | 1.45 | a_e | mb 5.4 |
| GRA1 | 86.74 | | pP | 17:58:07.790 | | | | | | T__ | | | | m_e | |
| GRA1 | 86.74 | | L | 18:31:50.273 | | | | | | T__ | | 1381.9 | 21.10 | a_e | Ms 5.3 |
| GTTG | 85.71 | | P | 17:57:58.397 | 0.3 | 278.4 | | 5.02 | | TAS | | 39.9 | 1.66 | a_e | mb 5.3 |
| IBBN | 84.28 | | P | 17:57:50.697 | -0.1 | 278.4 | | 5.02 | | TAS | | 29.2 | 1.16 | a_e | mb 5.4 |
| KAST | 84.79 | | P | 17:57:53.497 | -0.5 | 278.4 | | 5.02 | | TAS | | 23.3 | 1.37 | a_e | mb 5.2 |
| KBA | 88.54 | | P | 17:58:11.628 | | 278.4 | | 5.02 | | TAS | | | | m_e | |
| MOX | 86.86 | | SS | 18:14:39.881 | | 276.5 | | 15.36 | | TAS | | | | m_e | |
| MOX | 86.86 | | P | 17:58:04.047 | 0.1 | 278.4 | | 5.02 | | TAS | | 35.3 | 1.44 | a_e | mb 5.3 |
| MOX | 86.86 | | L | 18:32:15.617 | | | | | | T__ | | 867.8 | 20.00 | a_e | Ms 5.2 |
| NEUB | 86.88 | | P | 17:58:04.147 | 0.0 | 278.4 | | 5.02 | | TAS | | 42.1 | 1.28 | a_e | mb 5.4 |
| OBKA | 89.45 | | P | 17:58:15.355 | | 278.4 | | 5.02 | | TAS | | | | m_e | |
| PLN | 87.23 | | P | 17:58:05.847 | 0.2 | 278.4 | | 5.02 | | TAS | | 12.6 | 1.31 | a_e | mb 4.9 |
| RETH | 85.21 | | P | 17:57:55.947 | -0.1 | 278.4 | | 5.02 | | TAS | | 139.6 | 1.98 | a_e | mb 5.8 |
| RGN | 87.30 | | P | 17:58:05.947 | -0.2 | 278.4 | | 5.02 | | TAS | | 55.2 | 0.81 | a_e | mb 5.7 |
| RUE | 87.91 | | P | 17:58:08.697 | -0.3 | 278.4 | | 5.02 | | TAS | | 44.6 | 1.32 | a_e | mb 5.6 |
| STU | 85.54 | | SS | 18:14:08.601 | -3.5 | 276.5 | | 15.36 | | TAS | | | | m_e | |
| STU | 85.54 | | P | 17:57:57.347 | 0.1 | 278.4 | | 5.02 | | TAS | | 35.8 | 0.70 | a_e | mb 5.6 |
| TANN | 87.43 | | P | 17:58:07.047 | 0.1 | 278.4 | | 5.02 | | TAS | | 52.9 | 1.42 | m_e | mb 5.5 |
| UBBA | 85.82 | | SS | 18:14:12.835 | 10.2 | 276.5 | | 15.36 | | TAS | | | | m_e | |

| | | | | | | | | | | | |
|-----|-------|----|--------------|------|-------|-------|-----|-------|------|--------|-----|
| UBR | 86.27 | P | 17:58:01.547 | -0.4 | 278.4 | 5.02 | TAS | 165.2 | 2.36 | a_e mb | 5.7 |
| WET | 87.89 | SS | 18:14:57.499 | | 276.5 | 15.36 | TAS | | | m_e | |
| WET | 87.89 | P | 17:58:09.397 | -0.1 | 278.4 | 5.02 | TAS | 71.2 | 1.53 | a_e mb | 5.8 |
| WLF | 83.47 | P | 17:57:47.097 | 0.0 | 278.4 | 5.02 | TAS | 60.8 | 1.52 | a_e mb | 5.6 |

Event 904008 Off east coast of Kamchatka Peninsula, Russia

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|---------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/04 | 21:10:20.19 | | 52.5200 | 159.1200 | | | | | 39.9 | 0.2 | | 24 | | 70.65 | 76.61 | m i ke | BGR |
| | 904014 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.1 | | BGR | 904014 |
| Ms | 4.6 | | BGR | 904014 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-------|--------|-----------|
| ASSE | 72.29 | | P | 21:21:42.663 | -0.0 | 19.7 | | 5.85 | | TAS | | 9.9 | 0.95 | a_e mb | 4.9 |
| BFO | 76.37 | | P | 21:22:06.263 | -0.3 | 19.7 | | 5.85 | | TAS | | 8.2 | 1.16 | a_e mb | 4.8 |
| BRG | 72.75 | | P | 21:21:45.113 | -0.3 | 19.7 | | 5.85 | | TAS | | 13.5 | 1.31 | a_e mb | 4.9 |
| BSEG | 70.65 | | P | 21:21:33.013 | -0.1 | 19.7 | | 5.85 | | TAS | | 12.0 | 0.91 | a_e mb | 5.0 |
| BUG | 73.61 | | P | 21:21:50.163 | -0.2 | 19.7 | | 5.85 | | TAS | | 14.2 | 0.99 | a_e mb | 5.0 |
| CLL | 72.56 | | P | 21:21:43.813 | -0.5 | 19.7 | | 5.85 | | TAS | | 20.6 | 0.87 | m_e mb | 5.3 |
| CLL | 72.56 | | pP | 21:21:55.154 | 0.8 | | | | | T__ | | | | m_e | |
| CLZ | 72.62 | | P | 21:21:45.063 | 0.4 | 19.7 | | 5.85 | | TAS | | 22.5 | 0.91 | a_e mb | 5.3 |
| FLT1 | 71.98 | | P | 21:21:40.263 | -0.6 | 19.7 | | 5.85 | | TAS | | 17.6 | 0.84 | m_e mb | 5.2 |
| FLT1 | 71.98 | | pP | 21:21:51.697 | 0.8 | | | | | T__ | | | | m_e | |
| FUR | 75.89 | | P | 21:22:03.763 | -0.1 | 19.7 | | 5.85 | | TAS | | 24.2 | 1.04 | a_e mb | 5.3 |
| GEC2 | 74.70 | | P | 21:21:56.863 | 0.1 | 19.7 | | 5.85 | | TAS | | 17.9 | 1.43 | a_e mb | 4.9 |
| GOR1 | 71.34 | | P | 21:21:37.463 | 0.3 | 19.7 | | 5.85 | | TAS | | 32.3 | 1.26 | a_e mb | 5.3 |
| GRA1 | 74.47 | | P | 21:21:55.863 | 0.4 | 19.7 | | 5.85 | | TAS | | 26.2 | 1.08 | a_e mb | 5.2 |
| GRA1 | 74.47 | | L | 21:56:58.475 | | | | | | T__ | | 369.7 | 20.80 | a_e Ms | 4.7 |
| GTTG | 72.98 | | P | 21:21:47.286 | 0.5 | 19.7 | | 5.85 | | TAS | | 7.9 | 0.78 | m_e mb | 4.9 |
| IBBN | 72.69 | | P | 21:21:44.963 | 0.0 | 19.7 | | 5.85 | | TAS | | 23.2 | 0.80 | a_e mb | 5.4 |
| KAST | 73.62 | | P | 21:21:50.613 | 0.2 | 19.7 | | 5.85 | | TAS | | 15.9 | 1.03 | a_e mb | 5.0 |
| MOX | 73.48 | | P | 21:21:49.663 | -0.1 | 19.7 | | 5.85 | | TAS | | 13.7 | 1.01 | a_e mb | 4.9 |
| MOX | 73.48 | | L | 21:56:19.604 | | | | | | T__ | | 315.4 | 20.70 | a_e Ms | 4.6 |
| NEUB | 72.93 | | P | 21:21:46.642 | 0.1 | 19.7 | | 5.85 | | TAS | | 50.8 | 1.64 | m_e mb | 5.4 |
| PLN | 73.51 | | P | 21:21:49.963 | 0.1 | 19.7 | | 5.85 | | TAS | | 3.2 | 0.99 | a_e mb | 4.3 |
| RETH | 71.97 | | P | 21:21:40.763 | -0.1 | 19.7 | | 5.85 | | TAS | | 14.1 | 0.99 | a_e mb | 5.0 |
| RUE | 71.29 | | P | 21:21:36.713 | -0.2 | 19.7 | | 5.85 | | TAS | | 23.0 | 0.56 | a_e mb | 5.5 |
| STU | 75.77 | | P | 21:22:02.913 | -0.2 | 19.7 | | 5.85 | | TAS | | 29.4 | 0.82 | a_e mb | 5.5 |
| TANN | 73.51 | | P | 21:21:49.848 | -0.0 | 19.7 | | 5.85 | | TAS | | 16.4 | 1.66 | m_e mb | 4.8 |
| UBR | 76.61 | | P | 21:22:07.913 | -0.1 | 19.7 | | 5.85 | | TAS | | 10.8 | 0.91 | a_e mb | 5.0 |
| WET | 74.61 | | P | 21:21:56.713 | 0.4 | 19.7 | | 5.85 | | TAS | | 11.4 | 0.96 | a_e mb | 4.9 |

Event 905001 Off east coast of Kamchatka Peninsula, Russia
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/05 00:21:30.40 52.6750 159.7640 33.0 73.48 74.46 m i ke BGR
 905007

Magnitude Err Nsta Author OrigID
 mb 4.6 BGR 905007
 Ms 4.1 BGR 905007

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-------|------|-----------|
| GRA1 | 74.46 | | P | 00:33:04.457 | | 19.5 | | 5.02 | | TAS | | 6.9 | 1.11 | m_e | mb 4.6 |
| GRA1 | 74.46 | | L | 01:05:38.045 | | | | | | T__ | | 104.8 | 20.80 | a_e | Ms 4.1 |
| MOX | 73.48 | | L | 01:07:27.383 | | | | | | T__ | | 95.3 | 21.10 | a_e | Ms 4.0 |

Event 905002 Near coast of Venezuela
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/05 00:57:38.82 10.7340 -62.9370 33.0 71.65 71.65 m i ke BGR
 905008

Magnitude Err Nsta Author OrigID
 mb 4.5 BGR 905008

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|-----|------|------|-----------|
| GRA1 | 71.65 | | P | 01:08:57.358 | | 259.3 | | 6.34 | | TAS | | 3.7 | 0.90 | m_e | mb 4.5 |

Event 906001 Northern Molucca Sea
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/06 00:21:11.80 1.6900 126.6100 40.0 13 102.35 107.10 m i ke EMSC
 906033

Magnitude Err Nsta Author OrigID
 Ms 5.6 BGR 906007

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 107.10 | | SKSac | 00:45:59.801 | | 72.7 | | 4.41 | | TAS | | | | m_e | |
| BRG | 102.78 | | SKSac | 00:45:40.970 | 0.8 | 72.7 | | 4.41 | | TAS | | | | m_e | |
| BRG | 102.78 | | Pdiff | 00:35:05.122 | -0.4 | 68.9 | | 4.11 | | TAS | | | | m_e | |
| BSEG | 103.76 | | SKSac | 00:45:46.139 | 0.6 | 72.7 | | 4.41 | | TAS | | | | m_e | |

| | | | | | | | | | | | | | | | | | |
|------|--------|-------|--------------|------|------|------|-----|-----|--|--|--------|-------|-----|----|--|-----|--|
| BSEG | 103.76 | Pdiff | 00:35:09.213 | 0.7 | 68.9 | 4.11 | TAS | m_e | | | | | | | | | |
| BUG | 106.46 | SKSac | 00:45:59.063 | | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| CLL | 103.19 | SKSac | 00:45:42.078 | -0.2 | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| CLZ | 104.53 | SKSac | 00:45:49.832 | | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| FLT1 | 103.85 | Pdiff | 00:35:10.130 | | 68.9 | 4.11 | TAS | m_e | | | | | | | | | |
| FUR | 105.34 | SKSac | 00:45:50.570 | | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| GEC2 | 103.59 | SKSac | 00:45:44.662 | 0.4 | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| GRA1 | 104.83 | SKSac | 00:45:50.540 | | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| GRA1 | 104.83 | Pdiff | 00:35:13.070 | | 68.9 | 4.11 | TAS | m_e | | | | | | | | | |
| GRA1 | 104.83 | L | 01:34:40.675 | | | | T__ | | | | 1488.9 | 21.10 | a_e | Ms | | 5.5 | |
| MOX | 104.25 | SKSac | 00:45:47.920 | 1.4 | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| MOX | 104.25 | Pdiff | 00:35:12.246 | | 68.9 | 4.11 | TAS | m_e | | | | | | | | | |
| MOX | 104.25 | L | 01:27:17.474 | | | | T__ | | | | 2241.2 | 21.50 | a_e | Ms | | 5.7 | |
| NEUB | 103.96 | Pdiff | 00:35:11.006 | | 68.9 | 4.11 | TAS | m_e | | | | | | | | | |
| PLN | 103.98 | Pdiff | 00:35:10.361 | | 68.9 | 4.11 | TAS | m_e | | | | | | | | | |
| RUE | 102.35 | Pdiff | 00:35:03.704 | -0.3 | 68.9 | 4.11 | TAS | m_e | | | | | | | | | |
| STU | 106.40 | SKSac | 00:45:56.109 | | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| UBBA | 105.14 | SKSac | 00:45:48.355 | | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |
| WET | 104.00 | SKSac | 00:45:46.139 | -0.4 | 72.7 | 4.41 | TAS | m_e | | | | | | | | | |

Event 906002 Near coast of central Chile

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/06 | 01:16:57.80 | | | -30.3500 | -71.5000 | | | | 20.0 | | | 13 | | 105.25 | 110.27 | m i ke | EMSC |
| OrigID 906034 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms | 6.4 | | BGR | 906008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|-------|-------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 105.88 | | SKSac | 01:42:02.088 | 0.0 | 244.2 | | 4.28 | | TAS | | | | m_e | |
| BFO | 105.88 | | PS | 01:44:52.848 | -2.8 | 232.9 | | 8.11 | | TAS | | | | m_e | |
| BFO | 105.88 | | Pdiff | 01:31:07.243 | 0.1 | 245.2 | | 4.60 | | TAS | | | | m_e | |
| BRG | 110.27 | | SKSac | 01:42:23.681 | | 244.2 | | 4.28 | | TAS | | | | m_e | |
| BRG | 110.27 | | PS | 01:45:26.154 | | 232.9 | | 8.11 | | TAS | | | | m_e | |
| BRG | 110.27 | | Pdiff | 01:31:27.743 | | 245.2 | | 4.60 | | TAS | | | | m_e | |
| BSEG | 109.48 | | PS | 01:45:27.377 | | 232.9 | | 8.11 | | TAS | | | | m_e | |
| BUG | 106.72 | | SKSac | 01:42:07.756 | 0.5 | 244.2 | | 4.28 | | TAS | | | | m_e | |
| BUG | 106.72 | | PS | 01:45:08.543 | -10.1 | 232.9 | | 8.11 | | TAS | | | | m_e | |
| BUG | 106.72 | | Pdiff | 01:31:10.684 | -0.3 | 245.2 | | 4.60 | | TAS | | | | m_e | |
| CLL | 109.89 | | SKSac | 01:42:19.643 | | 244.2 | | 4.28 | | TAS | | | | m_e | |
| CLL | 109.89 | | PS | 01:45:30.516 | | 232.9 | | 8.11 | | TAS | | | | m_e | |
| CLL | 109.89 | | Pdiff | 01:31:25.485 | | 245.2 | | 4.60 | | TAS | | | | m_e | |
| CLZ | 108.63 | | SKSac | 01:42:14.346 | | 244.2 | | 4.28 | | TAS | | | | m_e | |
| CLZ | 108.63 | | PS | 01:45:27.377 | -2.8 | 232.9 | | 8.11 | | TAS | | | | m_e | |
| CLZ | 108.63 | | Pdiff | 01:31:19.323 | | 245.2 | | 4.60 | | TAS | | | | m_e | |

| | | | | | | | | | | | | | | | | | | |
|------|--------|-------|--------------|------|-------|------|-----|--|--|---------|-------|--|-----|----|--|--|--|-----|
| FUR | 107.56 | SKSac | 01:42:12.402 | -1.6 | 244.2 | 4.28 | TAS | | | | | | | | | | | m_e |
| FUR | 107.56 | PS | 01:45:08.543 | -3.3 | 232.9 | 8.11 | TAS | | | | | | | | | | | m_e |
| GEC2 | 109.31 | SKSac | 01:42:17.527 | | 244.2 | 4.28 | TAS | | | | | | | | | | | m_e |
| GEC2 | 109.31 | PS | 01:45:21.099 | | 232.9 | 8.11 | TAS | | | | | | | | | | | m_e |
| GRA1 | 108.19 | SKSac | 01:42:14.600 | -1.0 | 244.2 | 4.28 | TAS | | | | | | | | | | | m_e |
| GRA1 | 108.19 | PS | 01:45:11.682 | 2.7 | 232.9 | 8.11 | TAS | | | | | | | | | | | m_e |
| GRA1 | 108.19 | L | 02:17:51.926 | | | | T__ | | | 8747.1 | 22.00 | | a_e | Ms | | | | 6.3 |
| IBBN | 107.38 | Pdiff | 01:31:14.551 | -1.0 | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |
| MOX | 108.82 | PS | 01:45:14.821 | | 232.9 | 8.11 | TAS | | | | | | | | | | | m_e |
| MOX | 108.82 | L | 02:21:45.422 | | | | T__ | | | 11674.8 | 19.00 | | a_e | Ms | | | | 6.5 |
| RETH | 108.45 | Pdiff | 01:31:19.301 | 0.4 | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |
| STU | 106.59 | SKSac | 01:42:06.512 | 0.6 | 244.2 | 4.28 | TAS | | | | | | | | | | | m_e |
| STU | 106.59 | PS | 01:44:55.987 | 3.8 | 232.9 | 8.11 | TAS | | | | | | | | | | | m_e |
| STU | 106.59 | Pdiff | 01:31:11.081 | 0.6 | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |
| TANN | 109.22 | Pdiff | 01:31:23.046 | | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |
| UBBA | 107.97 | SKSac | 01:42:12.984 | -0.6 | 244.2 | 4.28 | TAS | | | | | | | | | | | m_e |
| UBBA | 107.97 | PS | 01:45:02.265 | -1.4 | 232.9 | 8.11 | TAS | | | | | | | | | | | m_e |
| UBBA | 107.97 | Pdiff | 01:31:15.810 | -0.5 | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |
| UBR | 106.64 | Pdiff | 01:31:10.684 | -0.1 | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |
| WET | 108.94 | SKSac | 01:42:14.934 | | 244.2 | 4.28 | TAS | | | | | | | | | | | m_e |
| WET | 108.94 | PS | 01:45:14.821 | | 232.9 | 8.11 | TAS | | | | | | | | | | | m_e |
| WET | 108.94 | Pdiff | 01:31:20.963 | | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |
| WLF | 105.25 | Pdiff | 01:31:04.211 | -0.0 | 245.2 | 4.60 | TAS | | | | | | | | | | | m_e |

| | | | | | | | | | | | | | | | | | | | |
|------------|--------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-------|-------|-------|------|--------|--|
| Event | 906003 | Xizang | | | | | | | | | | | | | | | | | |
| Date | | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | |
| OrigID | | | | | | | | | | | | | | | | | | | |
| 2020/09/06 | | 01:59:20.84 | | | 31.7460 | 92.9560 | | | | 33.0 | | | 10 | 59.44 | 62.97 | m | i ke | BGR | |
| 906009 | | | | | | | | | | | | | | | | | | | |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| mb | 4.5 | | BGR | 906009 |

| | | | | | | | | | | | | | | | | |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|------|-----------|-----|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
| BRG | 59.44 | | P | 02:09:19.169 | 0.0 | 73.5 | | 7.04 | | TAS | | 2.0 | 0.77 | m_e | mb | 4.2 |
| CLL | 59.91 | | P | 02:09:22.280 | -0.2 | 73.5 | | 7.04 | | TAS | | 1.5 | 0.66 | m_e | mb | 4.2 |
| CLZ | 61.35 | | P | 02:09:32.861 | | 73.5 | | 7.04 | | TAS | | 7.7 | 0.81 | m_e | mb | 4.6 |
| FUR | 61.84 | | P | 02:09:35.907 | | 73.5 | | 7.04 | | TAS | | 13.4 | 1.11 | m_e | mb | 5.1 |
| GEC2 | 60.10 | | P | 02:09:24.168 | 0.1 | 73.5 | | 7.04 | | TAS | | 8.5 | 1.36 | m_e | mb | 4.6 |
| GRA1 | 61.43 | | P | 02:09:33.364 | | 73.5 | | 7.04 | | TAS | | 6.4 | 1.00 | m_e | mb | 4.4 |
| PLN | 60.63 | | P | 02:09:27.451 | | 73.5 | | 7.04 | | TAS | | 2.0 | 1.12 | m_e | mb | 3.9 |
| RETH | 61.70 | | P | 02:09:34.764 | | 73.5 | | 7.04 | | TAS | | 7.6 | 1.19 | m_e | mb | 4.8 |
| STU | 62.97 | | P | 02:09:44.143 | | 73.5 | | 7.04 | | TAS | | 7.6 | 0.62 | m_e | mb | 5.0 |
| WET | 60.54 | | P | 02:09:27.060 | | 73.5 | | 7.04 | | TAS | | 4.3 | 1.23 | m_e | mb | 4.2 |

Event 906005 Vanuatu Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/06 | 02:59:15.60 | | | -17.1870 | 167.5210 | | | | 8.0 | | | 27 | | 139.13 | 144.54 | m i ke | NEIC |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms 6.0 | | | BGR | 906011 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-------|------|-----------|
| ASSE | 140.58 | | PKPdf | 03:18:40.700 | -0.1 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| BFO | 144.54 | | PKPdf | 03:18:46.950 | -0.4 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| BRG | 140.28 | | PKPdf | 03:18:42.250 | 1.1 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| BSEG | 139.22 | | PKPdf | 03:18:40.050 | 1.7 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| BUG | 142.32 | | PKPdf | 03:18:43.750 | 0.5 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| CLL | 140.33 | | PKPdf | 03:18:40.000 | -1.0 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| CLZ | 140.92 | | PKPdf | 03:18:41.650 | 0.3 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| FLT1 | 140.21 | | PKPdf | 03:18:39.800 | -0.5 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| FUR | 143.46 | | PKPdf | 03:18:47.523 | 1.2 | 38.9 | | 1.59 | | TAS | | | | m_e | |
| GEC2 | 141.89 | | PKPdf | 03:18:43.200 | -0.9 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| GOR1 | 139.65 | | PKPdf | 03:18:39.000 | -0.3 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| GRA1 | 142.31 | | PKPdf | 03:18:43.900 | -0.2 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| GRA1 | 142.31 | | L | 04:23:34.481 | | | | | | T__ | | 2780.1 | 21.10 | a_e | Ms 6.0 |
| GTTG | 141.31 | | PKPdf | 03:18:42.250 | 0.3 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| HLG | 139.78 | | PKPdf | 03:18:37.150 | -1.8 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| IBBN | 141.43 | | PKPdf | 03:18:42.907 | 1.2 | 38.9 | | 1.59 | | TAS | | | | m_e | |
| KAST | 142.14 | | PKPdf | 03:18:43.750 | 0.7 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| MOX | 141.40 | | PKPdf | 03:18:42.300 | -0.2 | 38.9 | | 1.59 | | TAS | | | | m_e | |
| MOX | 141.40 | | L | 04:28:23.085 | | | | | | T__ | | 2727.9 | 18.70 | a_e | Ms 6.0 |
| NEUB | 140.91 | | PKPdf | 03:18:41.300 | -0.4 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| PLN | 141.31 | | PKPdf | 03:18:42.300 | -0.2 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| RETH | 140.54 | | PKPdf | 03:18:40.700 | 0.2 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| RUE | 139.13 | | PKPdf | 03:18:40.050 | 1.1 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| STU | 143.84 | | PKPdf | 03:18:44.500 | -1.8 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| TANN | 141.24 | | PKPdf | 03:18:42.150 | -0.3 | 38.9 | | 1.59 | | TAS | | | | m_e | |
| UBBA | 141.88 | | PKPdf | 03:18:41.500 | -1.5 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| UBR | 144.34 | | PKPdf | 03:18:49.575 | 2.1 | 38.9 | | 1.59 | | TAS | | | | m_e | |
| WET | 142.03 | | PKPdf | 03:18:43.700 | -0.4 | 38.9 | | 1.59 | | TAS | | | | a_e | |
| WLF | 144.21 | | PKPdf | 03:18:46.200 | -0.1 | 38.9 | | 1.59 | | TAS | | | | a_e | |

Event 906006 Vanuatu Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/06 | 04:39:20.50 | | | -17.1750 | 167.7970 | | | | 10.0 | | | 20 | | 140.30 | 144.63 | m i ke | NEIC |

906045

| Magnitude | Err | Nsta | Author | OrigID | | | | | | | | | | | | |
|-----------|--------|------|--------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|--|
| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
| BFO | 144.63 | | PKPdf | 04:58:56.094 | | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| BRG | 140.38 | | PKPdf | 04:58:48.454 | -0.6 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| BUG | 142.40 | | PKPdf | 04:58:53.049 | -0.1 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| CLL | 140.43 | | PKPdf | 04:58:49.518 | 0.5 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| CLZ | 141.00 | | PKPdf | 04:58:53.447 | 0.1 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| FLT1 | 140.30 | | PKPdf | 04:58:48.839 | -0.3 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| FUR | 143.57 | | PKPdf | 04:58:51.570 | -0.1 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| GEC2 | 142.00 | | PKPdf | 04:58:49.028 | | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| GRA1 | 142.41 | | PKPdf | 04:58:49.088 | | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| GTTG | 141.39 | | PKPdf | 04:58:54.140 | -1.8 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| IBBN | 141.51 | | PKPdf | 04:58:55.038 | 0.4 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| KAST | 142.22 | | PKPdf | 04:58:53.190 | -1.3 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| MOX | 141.50 | | PKPdf | 04:58:48.882 | -0.3 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| NEUB | 141.00 | | PKPdf | 04:58:51.074 | -2.1 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| PLN | 141.41 | | PKPdf | 04:58:50.051 | 1.6 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| RETH | 140.62 | | PKPdf | 04:58:52.119 | 2.2 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| STU | 143.94 | | PKPdf | 04:58:53.214 | | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| TANN | 141.34 | | PKPdf | 04:58:50.373 | 1.1 | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| UBR | 144.44 | | PKPdf | 04:58:53.912 | | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| WET | 142.13 | | PKPdf | 04:58:49.167 | | 38.5 | | 1.53 | | TAS | | | | m_e | | |
| WLF | 144.29 | | PKPdf | 04:58:54.843 | | 38.5 | | 1.53 | | TAS | | | | m_e | | |

| Event | Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------------------------------|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 906007 Northern Mid-Atlantic Ridge | 2020/09/06 | 06:38:40.51 | | | 47.8500 | -27.0600 | | | | 33.0 | | | 25 | | 21.86 | 26.86 | m i ke | BGR |
| | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.2 | | BGR | 906013 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|-------|------|--------|-----------|
| ASSE | 24.42 | | P | 06:43:56.900 | 0.4 | 278.6 | | 9.30 | | TAS | | 106.1 | 1.25 | m_e mb | 5.2 |
| BFO | 23.50 | | P | 06:43:47.993 | 0.9 | 278.6 | | 9.30 | | TAS | | 37.3 | 1.09 | m_e mb | 4.8 |
| BRG | 26.61 | | P | 06:44:16.563 | -0.6 | 278.6 | | 9.30 | | TAS | | 65.9 | 1.35 | m_e mb | 5.2 |
| BSEG | 24.11 | | P | 06:43:53.728 | 1.6 | 278.6 | | 9.30 | | TAS | | 81.1 | 1.39 | m_e mb | 5.1 |
| BUG | 22.37 | | P | 06:43:36.614 | -1.1 | 278.6 | | 9.30 | | TAS | | 118.7 | 1.12 | m_e mb | 5.2 |
| CLL | 25.96 | | P | 06:44:10.609 | -0.4 | 278.6 | | 9.30 | | TAS | | 74.5 | 1.36 | m_e mb | 5.1 |
| CLZ | 24.26 | | P | 06:43:55.803 | 0.6 | 278.6 | | 9.30 | | TAS | | 187.2 | 1.25 | m_e mb | 5.5 |
| FLT1 | 24.75 | | P | 06:43:59.138 | -0.3 | 278.6 | | 9.30 | | TAS | | 50.6 | 1.30 | m_e mb | 5.1 |
| FUR | 25.46 | | P | 06:44:06.503 | 1.0 | 278.6 | | 9.30 | | TAS | | 98.5 | 1.18 | m_e mb | 5.4 |

| | | | | | | | | | | | | |
|------|-------|---|--------------|------|-------|------|-----|-------|------|-----|----|-----|
| GEC2 | 26.86 | P | 06:44:19.095 | -0.1 | 278.6 | 9.30 | TAS | 73.4 | 1.18 | m_e | mb | 5.3 |
| GOR1 | 24.74 | P | 06:44:00.470 | 1.6 | 278.6 | 9.30 | TAS | 1.3 | 1.41 | m_e | mb | 3.5 |
| GRA1 | 25.10 | P | 06:44:03.147 | 0.1 | 278.6 | 9.30 | TAS | 118.2 | 1.25 | m_e | mb | 5.5 |
| GTTG | 24.04 | P | 06:43:53.239 | 0.0 | 278.6 | 9.30 | TAS | 58.1 | 1.22 | a_e | mb | 5.0 |
| IBBN | 22.62 | P | 06:43:39.139 | -0.6 | 278.6 | 9.30 | TAS | 175.7 | 1.07 | a_e | mb | 5.5 |
| KAST | 23.11 | P | 06:43:44.089 | -0.5 | 278.6 | 9.30 | TAS | 316.9 | 1.90 | m_e | mb | 5.5 |
| MOX | 25.19 | P | 06:44:03.089 | -0.9 | 278.6 | 9.30 | TAS | 41.5 | 1.19 | a_e | mb | 5.0 |
| NEUB | 25.21 | P | 06:44:03.912 | -0.2 | 278.6 | 9.30 | TAS | 44.4 | 0.98 | m_e | mb | 5.2 |
| PLN | 25.55 | P | 06:44:06.881 | -0.5 | 278.6 | 9.30 | TAS | 15.9 | 1.20 | m_e | mb | 4.5 |
| RETH | 23.58 | P | 06:43:48.939 | 0.6 | 278.6 | 9.30 | TAS | 122.9 | 1.47 | a_e | mb | 5.2 |
| RUE | 26.28 | P | 06:44:12.689 | -0.8 | 278.6 | 9.30 | TAS | 64.9 | 1.18 | a_e | mb | 5.1 |
| STU | 23.97 | P | 06:43:52.689 | 0.8 | 278.6 | 9.30 | TAS | 300.4 | 1.24 | a_e | mb | 5.7 |
| TANN | 25.76 | P | 06:44:08.690 | -0.6 | 278.6 | 9.30 | TAS | 545.1 | 3.15 | m_e | mb | 5.6 |
| UBR | 24.81 | P | 06:43:59.828 | 0.9 | 278.6 | 9.30 | TAS | 100.2 | 1.60 | m_e | mb | 5.3 |
| WET | 26.27 | P | 06:44:13.393 | -0.4 | 278.6 | 9.30 | TAS | 56.1 | 1.16 | m_e | mb | 5.1 |
| WLF | 21.86 | P | 06:43:31.122 | -1.5 | 278.6 | 9.30 | TAS | 169.1 | 1.48 | m_e | mb | 5.3 |

Event 906008 Central Mid-Atlantic Ridge

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|--------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/06 | 06:51:23.13 | | 8.0000 | -37.0500 | | | | | 33.0 | | | 26 | | 54.97 | 61.29 | m i ke | BGR |
| | 906014 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 6.2 | | BGR | 906014 |
| MBB | 6.6 | | BGR | 906014 |
| Ms | 6.4 | | BGR | 906014 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|-------|------|-----|--------|------|-----|------|-----------|
| ASSE | 58.71 | | S | 07:09:27.586 | 1.6 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| ASSE | 58.71 | | P | 07:01:18.046 | | 240.0 | | 7.01 | | TAS | 1112.8 | 2.13 | | a_e | MBB 6.7 |
| BFO | 55.46 | | S | 07:08:41.436 | -0.3 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| BFO | 55.46 | | P | 07:00:55.096 | -0.3 | 240.0 | | 7.01 | | TAS | 1162.7 | 1.85 | | a_e | MBB 6.8 |
| BRG | 59.88 | | S | 07:09:42.236 | 1.0 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| BRG | 59.88 | | P | 07:01:26.146 | | 240.0 | | 7.01 | | TAS | 675.3 | 1.90 | | a_e | MBB 6.6 |
| BSEG | 59.47 | | S | 07:09:35.186 | -1.0 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| BUG | 56.55 | | S | 07:08:57.586 | 0.4 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| BUG | 56.55 | | P | 07:01:02.646 | 0.1 | 240.0 | | 7.01 | | TAS | 429.3 | 1.33 | | a_e | MBB 6.7 |
| CLL | 59.56 | | S | 07:09:37.936 | 0.8 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| CLL | 59.56 | | P | 07:01:23.696 | | 240.0 | | 7.01 | | TAS | 202.8 | 1.46 | | m_e | MBB 6.6 |
| CLZ | 58.40 | | S | 07:09:24.036 | 2.2 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| CLZ | 58.40 | | P | 07:01:15.159 | | 240.0 | | 7.01 | | TAS | 1099.5 | 2.59 | | m_e | MBB 6.6 |
| FLT1 | 59.11 | | S | 07:09:32.186 | 0.8 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| FLT1 | 59.11 | | P | 07:01:20.446 | | 240.0 | | 7.01 | | TAS | 585.2 | 1.73 | | a_e | MBB 6.7 |
| FUR | 57.09 | | S | 07:09:02.386 | -0.6 | 239.1 | | 13.40 | | TAS | | | | a_e | |
| FUR | 57.09 | | P | 07:01:06.446 | -0.1 | 240.0 | | 7.01 | | TAS | 1508.8 | 1.82 | | a_e | MBB 6.9 |

| | | | | | | | | | | | | | | | | | |
|------|-------|---|--------------|------|-------|-------|-----|---------|-------|-----|-----|-----|--|--|--|--|--|
| GEC2 | 58.83 | S | 07:09:25.386 | -0.9 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| GEC2 | 58.83 | P | 07:01:18.346 | | 240.0 | 7.01 | TAS | 315.2 | 1.55 | a_e | MBB | 6.6 | | | | | |
| GOR1 | 59.48 | P | 07:01:23.559 | | 240.0 | 7.01 | TAS | 6.5 | 1.58 | m_e | MBB | 4.8 | | | | | |
| GRA1 | 57.79 | S | 07:09:12.736 | -0.4 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| GRA1 | 57.79 | P | 07:01:11.296 | | 240.0 | 7.01 | TAS | 288.0 | 0.99 | a_e | MBB | 6.8 | | | | | |
| GRA1 | 57.79 | L | 07:21:48.799 | | | | T__ | 28113.5 | 21.50 | a_e | Ms | 6.3 | | | | | |
| GTTG | 58.03 | S | 07:09:18.886 | 2.0 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| GTTG | 58.03 | P | 07:01:13.346 | | 240.0 | 7.01 | TAS | 172.7 | 1.09 | a_e | MBB | 6.7 | | | | | |
| HLG | 58.41 | S | 07:09:21.386 | -0.4 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| HLG | 58.41 | P | 07:01:15.446 | | 240.0 | 7.01 | TAS | 694.7 | 1.23 | a_e | MBB | 6.9 | | | | | |
| IBBN | 57.29 | S | 07:09:06.886 | -0.1 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| IBBN | 57.29 | P | 07:01:07.996 | 0.3 | 240.0 | 7.01 | TAS | 486.0 | 1.51 | a_e | MBB | 6.8 | | | | | |
| KAST | 57.02 | S | 07:09:04.636 | 1.2 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| KAST | 57.02 | P | 07:01:06.046 | 0.1 | 240.0 | 7.01 | TAS | 237.9 | 1.29 | a_e | MBB | 6.6 | | | | | |
| MOX | 58.47 | S | 07:09:22.836 | 0.3 | 239.1 | 13.40 | TAS | | | | m_e | | | | | | |
| MOX | 58.47 | P | 07:01:16.346 | | 240.0 | 7.01 | TAS | 1229.6 | 2.45 | a_e | MBB | 6.6 | | | | | |
| MOX | 58.47 | L | 07:22:11.656 | | | | T__ | 39838.0 | 21.60 | a_e | Ms | 6.5 | | | | | |
| NEUB | 58.83 | S | 07:09:28.386 | 0.9 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| NEUB | 58.83 | P | 07:01:18.596 | | 240.0 | 7.01 | TAS | 257.7 | 1.02 | a_e | MBB | 6.7 | | | | | |
| PLN | 58.70 | S | 07:09:25.236 | -0.2 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| PLN | 58.70 | P | 07:01:17.846 | | 240.0 | 7.01 | TAS | 141.9 | 1.46 | a_e | MBB | 6.2 | | | | | |
| RETH | 58.34 | P | 07:01:15.746 | | 240.0 | 7.01 | TAS | 842.6 | 1.75 | a_e | MBB | 6.8 | | | | | |
| RGN | 61.29 | S | 07:09:58.886 | -1.9 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| RGN | 61.29 | P | 07:01:35.796 | | 240.0 | 7.01 | TAS | 1292.7 | 1.75 | a_e | MBB | 6.7 | | | | | |
| RUE | 60.54 | S | 07:09:48.986 | -1.5 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| RUE | 60.54 | P | 07:01:30.546 | | 240.0 | 7.01 | TAS | 332.1 | 1.03 | a_e | MBB | 6.6 | | | | | |
| STU | 56.18 | S | 07:08:51.236 | -0.2 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| STU | 56.18 | P | 07:00:59.746 | 0.2 | 240.0 | 7.01 | TAS | 582.3 | 1.38 | a_e | MBB | 7.0 | | | | | |
| TANN | 58.84 | S | 07:09:27.986 | 0.8 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| TANN | 58.84 | P | 07:01:18.946 | | 240.0 | 7.01 | TAS | 865.2 | 1.92 | a_e | MBB | 6.7 | | | | | |
| UBBA | 57.67 | S | 07:09:08.986 | -3.0 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| UBR | 56.17 | S | 07:08:50.586 | -0.0 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| UBR | 56.17 | P | 07:01:00.146 | 0.2 | 240.0 | 7.01 | TAS | 901.9 | 1.73 | a_e | MBB | 6.8 | | | | | |
| WET | 58.49 | S | 07:09:21.936 | 0.0 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| WET | 58.49 | P | 07:01:15.846 | | 240.0 | 7.01 | TAS | 745.8 | 2.17 | a_e | MBB | 6.5 | | | | | |
| WLF | 54.97 | S | 07:08:34.636 | -1.2 | 239.1 | 13.40 | TAS | | | | a_e | | | | | | |
| WLF | 54.97 | P | 07:00:51.196 | -0.5 | 240.0 | 7.01 | TAS | 288.5 | 1.44 | a_e | MBB | 6.6 | | | | | |

Event 906009 Tonga Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/06 | 14:55:21.40 | | | -21.5000 | -173.5000 | | | | 33.0 | | | 26 | | 146.52 | 153.63 | m i ke | BGR |
| | 906015 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| | | | | |

./bul2009.txt

Wed Mar 30 12:17:24 2022

20

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| ASSE | 149.17 | | PKPbc | 15:15:04.570 | -1.5 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| BFO | 153.10 | | PKPbc | 15:15:16.040 | -0.1 | 8.0 | | 2.54 | | TAS | | | | m_e | |
| BRG | 150.02 | | PKPbc | 15:15:08.720 | 0.3 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| BSEG | 147.40 | | PKPbc | 15:15:01.470 | -0.1 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| BUG | 150.02 | | PKPbc | 15:15:08.934 | 0.6 | 8.0 | | 2.54 | | TAS | | | | m_e | |
| CLL | 149.73 | | PKPbc | 15:15:07.570 | -0.0 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| CLZ | 149.47 | | PKPbc | 15:15:07.220 | 0.4 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| FLT1 | 148.92 | | PKPbc | 15:15:05.420 | -0.0 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| FUR | 153.03 | | PKPbc | 15:15:15.520 | -0.4 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| GEC2 | 152.03 | | PKPbc | 15:15:13.370 | -0.2 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| GOR1 | 148.26 | | PKPbc | 15:15:05.420 | 1.7 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| GRA1 | 151.53 | | PKPbc | 15:15:11.879 | -0.2 | 8.0 | | 2.54 | | TAS | | | | m_e | |
| GTTG | 149.80 | | PKPbc | 15:15:08.170 | 0.5 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| IBBN | 149.14 | | PKPbc | 15:15:04.570 | -1.6 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| KAST | 150.22 | | PKPbc | 15:15:09.020 | 0.2 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| MOX | 150.55 | | PKPbc | 15:15:09.870 | 0.3 | 8.0 | | 2.54 | | TAS | | | | m_e | |
| NEUB | 149.99 | | PKPbc | 15:15:08.520 | 0.3 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| PLN | 150.64 | | PKPbc | 15:15:10.170 | 0.3 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| RETH | 148.65 | | PKPbc | 15:15:05.070 | 0.3 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| RGN | 146.52 | | PKPbc | 15:14:58.520 | -0.9 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| RUE | 148.49 | | PKPbc | 15:15:04.170 | -0.3 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| STU | 152.61 | | PKPbc | 15:15:14.870 | 0.1 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| TANN | 150.68 | | PKPbc | 15:15:10.370 | 0.4 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| UBR | 153.63 | | PKPbc | 15:15:16.720 | -0.7 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| WET | 151.86 | | PKPbc | 15:15:13.120 | 0.1 | 8.0 | | 2.54 | | TAS | | | | a_e | |
| WLF | 151.80 | | PKPbc | 15:15:13.420 | 0.4 | 8.0 | | 2.54 | | TAS | | | | a_e | |

Event 906010 Mindanao, Philippine Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|--------|--------|--------|
| 2020/09/06 | 15:23:43.00 | | | 6.1890 | 125.8370 | | | | 119.0 | | | | 27 | 97.72 | 103.77 | m i ke | NEIC |
| | 906049 | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| ASSE | 100.13 | | Pdiff | 15:37:15.642 | 0.0 | 68.4 | | 4.48 | | TAS | | | | m_e | |
| ASSE | 100.13 | | PP | 15:41:22.050 | 0.5 | 65.9 | | 7.47 | | TAS | | | | a_e | |
| ASSE | 100.13 | | pPP | 15:41:52.405 | 0.5 | 66.0 | | 7.47 | | TAS | | | | a_e | |
| BFO | 103.08 | | Pdiff | 15:37:27.848 | | 68.4 | | 4.48 | | TAS | | | | m_e | |
| BFO | 103.08 | | PP | 15:41:44.400 | 0.8 | 65.9 | | 7.47 | | TAS | | | | a_e | |
| BFO | 103.08 | | pPP | 15:42:14.505 | 0.7 | 66.0 | | 7.47 | | TAS | | | | a_e | |
| BRG | 98.73 | | Pdiff | 15:37:09.009 | -0.4 | 68.4 | | 4.48 | | TAS | | | | m_e | |
| BRG | 98.73 | | PP | 15:41:12.150 | 0.2 | 65.9 | | 7.47 | | TAS | | | | a_e | |
| BRG | 98.73 | | pPP | 15:41:42.255 | 0.2 | 66.0 | | 7.47 | | TAS | | | | a_e | |

| | | | | | | | | |
|------|--------|-------|--------------|------|------|------|-----|-----|
| BSEG | 99.58 | Pdiff | 15:37:12.890 | -0.4 | 68.4 | 4.48 | TAS | m_e |
| BSEG | 99.58 | PP | 15:41:18.250 | 0.2 | 65.9 | 7.47 | TAS | a_e |
| BSEG | 99.58 | pPP | 15:41:48.355 | 0.3 | 66.0 | 7.47 | TAS | a_e |
| BUG | 102.33 | Pdiff | 15:37:25.175 | | 68.4 | 4.48 | TAS | m_e |
| BUG | 102.33 | PP | 15:41:38.700 | -0.2 | 65.9 | 7.47 | TAS | a_e |
| BUG | 102.33 | pPP | 15:42:08.855 | -0.3 | 66.0 | 7.47 | TAS | a_e |
| CLL | 99.12 | Pdiff | 15:37:10.159 | -0.3 | 68.4 | 4.48 | TAS | m_e |
| CLL | 99.12 | PP | 15:41:15.150 | 0.3 | 65.9 | 7.47 | TAS | a_e |
| CLL | 99.12 | pPP | 15:41:45.155 | 0.2 | 66.0 | 7.47 | TAS | a_e |
| CLZ | 100.41 | Pdiff | 15:37:16.615 | -0.0 | 68.4 | 4.48 | TAS | m_e |
| CLZ | 100.41 | PP | 15:41:25.050 | 0.0 | 65.9 | 7.47 | TAS | a_e |
| CLZ | 100.41 | pPP | 15:41:55.255 | 0.0 | 66.0 | 7.47 | TAS | a_e |
| FLT1 | 99.73 | Pdiff | 15:37:12.901 | 0.3 | 68.4 | 4.48 | TAS | m_e |
| FLT1 | 99.73 | PP | 15:41:19.200 | 0.2 | 65.9 | 7.47 | TAS | a_e |
| FLT1 | 99.73 | pPP | 15:41:49.455 | 0.2 | 66.0 | 7.47 | TAS | a_e |
| FUR | 101.35 | PP | 15:41:32.000 | 0.1 | 65.9 | 7.47 | TAS | a_e |
| FUR | 101.35 | pPP | 15:42:01.955 | 0.1 | 66.0 | 7.47 | TAS | a_e |
| GEC2 | 99.61 | Pdiff | 15:37:12.547 | -0.3 | 68.4 | 4.48 | TAS | m_e |
| GEC2 | 99.61 | PP | 15:41:18.950 | -0.1 | 65.9 | 7.47 | TAS | a_e |
| GEC2 | 99.61 | pPP | 15:41:49.155 | 0.1 | 66.0 | 7.47 | TAS | a_e |
| GOR1 | 99.42 | Pdiff | 15:37:11.988 | 0.1 | 68.4 | 4.48 | TAS | m_e |
| GRA1 | 100.79 | Pdiff | 15:37:17.853 | 0.5 | 68.4 | 4.48 | TAS | m_e |
| GRA1 | 100.79 | PP | 15:41:27.700 | -3.1 | 65.9 | 7.47 | TAS | a_e |
| GRA1 | 100.79 | pPP | 15:41:57.655 | -3.1 | 66.0 | 7.47 | TAS | a_e |
| GTTG | 100.77 | Pdiff | 15:37:18.649 | -0.1 | 68.4 | 4.48 | TAS | m_e |
| GTTG | 100.77 | PP | 15:41:27.550 | 0.0 | 65.9 | 7.47 | TAS | a_e |
| GTTG | 100.77 | pPP | 15:41:57.555 | 0.0 | 66.0 | 7.47 | TAS | a_e |
| HLG | 100.76 | PP | 15:41:27.000 | 0.3 | 65.9 | 7.47 | TAS | a_e |
| HLG | 100.76 | pPP | 15:41:57.105 | 0.1 | 66.0 | 7.47 | TAS | a_e |
| IBBN | 101.67 | Pdiff | 15:37:22.275 | -0.1 | 68.4 | 4.48 | TAS | m_e |
| IBBN | 101.67 | PP | 15:41:33.900 | 0.5 | 65.9 | 7.47 | TAS | a_e |
| IBBN | 101.67 | pPP | 15:42:03.955 | 0.7 | 66.0 | 7.47 | TAS | a_e |
| KAST | 101.79 | Pdiff | 15:37:23.159 | -0.3 | 68.4 | 4.48 | TAS | m_e |
| KAST | 101.79 | PP | 15:41:35.300 | -0.2 | 65.9 | 7.47 | TAS | a_e |
| KAST | 101.79 | pPP | 15:42:05.505 | -0.3 | 66.0 | 7.47 | TAS | a_e |
| MOX | 100.18 | Pdiff | 15:37:15.396 | 0.3 | 68.4 | 4.48 | TAS | m_e |
| MOX | 100.18 | PP | 15:41:23.300 | 0.6 | 65.9 | 7.47 | TAS | a_e |
| MOX | 100.18 | pPP | 15:41:53.355 | 0.7 | 66.0 | 7.47 | TAS | m_e |
| NEUB | 99.88 | Pdiff | 15:37:14.316 | 0.3 | 68.4 | 4.48 | TAS | m_e |
| NEUB | 99.88 | PP | 15:41:20.600 | -0.0 | 65.9 | 7.47 | TAS | a_e |
| NEUB | 99.88 | pPP | 15:41:50.655 | 0.2 | 66.0 | 7.47 | TAS | a_e |
| PLN | 99.93 | Pdiff | 15:37:14.404 | -0.1 | 68.4 | 4.48 | TAS | m_e |
| PLN | 99.93 | PP | 15:41:20.900 | 0.1 | 65.9 | 7.47 | TAS | a_e |
| PLN | 99.93 | pPP | 15:41:51.155 | 0.1 | 66.0 | 7.47 | TAS | a_e |
| RETH | 100.60 | Pdiff | 15:37:17.556 | -0.1 | 68.4 | 4.48 | TAS | m_e |
| RETH | 100.60 | PP | 15:41:25.850 | 0.4 | 65.9 | 7.47 | TAS | a_e |
| RETH | 100.60 | pPP | 15:41:55.905 | 0.4 | 66.0 | 7.47 | TAS | a_e |
| RGN | 97.72 | PP | 15:41:04.050 | -0.2 | 65.9 | 7.47 | TAS | a_e |
| RGN | 97.72 | pPP | 15:41:33.805 | -0.5 | 66.0 | 7.47 | TAS | a_e |

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| | | | | | | | | |
|------|--------|-------|--------------|------|------|------|-----|-----|
| RUE | 98.24 | Pdiff | 15:37:07.152 | 0.3 | 68.4 | 4.48 | TAS | m_e |
| RUE | 98.24 | PP | 15:41:08.050 | -0.1 | 65.9 | 7.47 | TAS | a_e |
| RUE | 98.24 | pPP | 15:41:38.105 | -0.2 | 66.0 | 7.47 | TAS | a_e |
| STU | 102.38 | Pdiff | 15:37:25.310 | | 68.4 | 4.48 | TAS | m_e |
| STU | 102.38 | PP | 15:41:39.100 | -0.2 | 65.9 | 7.47 | TAS | a_e |
| STU | 102.38 | pPP | 15:42:09.155 | -0.2 | 66.0 | 7.47 | TAS | a_e |
| TANN | 99.77 | Pdiff | 15:37:12.989 | -0.6 | 68.4 | 4.48 | TAS | m_e |
| TANN | 99.77 | PP | 15:41:20.000 | 0.1 | 65.9 | 7.47 | TAS | m_e |
| TANN | 99.77 | pPP | 15:41:50.105 | 0.1 | 66.0 | 7.47 | TAS | a_e |
| UBBA | 101.05 | PP | 15:41:26.200 | 0.1 | 65.9 | 7.47 | TAS | a_e |
| UBBA | 101.05 | pPP | 15:41:56.205 | 0.0 | 66.0 | 7.47 | TAS | a_e |
| UBR | 102.27 | Pdiff | 15:37:24.157 | 0.1 | 68.4 | 4.48 | TAS | m_e |
| UBR | 102.27 | PP | 15:41:38.500 | -0.1 | 65.9 | 7.47 | TAS | a_e |
| UBR | 102.27 | pPP | 15:42:08.405 | 0.0 | 66.0 | 7.47 | TAS | a_e |
| WET | 100.00 | Pdiff | 15:37:14.192 | 0.1 | 68.4 | 4.48 | TAS | m_e |
| WET | 100.00 | PP | 15:41:21.700 | -0.3 | 65.9 | 7.47 | TAS | a_e |
| WET | 100.00 | pPP | 15:41:51.855 | 0.0 | 66.0 | 7.47 | TAS | a_e |
| WLF | 103.77 | Pdiff | 15:37:31.595 | | 68.4 | 4.48 | TAS | m_e |
| WLF | 103.77 | PP | 15:41:50.450 | | 65.9 | 7.47 | TAS | a_e |
| WLF | 103.77 | pPP | 15:42:20.355 | | 66.0 | 7.47 | TAS | a_e |

Event 906012 Eastern Honshu, Japan

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/06 | 21:33:56.64 | | | 37.5700 | 139.8400 | | | | 38.8 | 2.7 | | 23 | | 78.70 | 84.12 | m i ke | BGR |
| | 906018 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.1 | | BGR | 906018 |
| Ms | 4.6 | | BGR | 906018 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|--------|-----------|
| ASSE | 80.19 | | pP | 21:46:15.008 | 0.0 | 37.6 | | 5.24 | | TAS | | 12.7 | 1.03 | m_e | |
| BFO | 84.12 | | P | 21:46:24.037 | | 38.8 | | 5.25 | | TAS | | 27.9 | 0.93 | m_e mb | 5.5 |
| BFO | 84.12 | | pP | 21:46:35.268 | | 37.6 | | 5.24 | | TAS | | 27.9 | 0.93 | m_e | |
| BRG | 79.85 | | P | 21:46:01.976 | 0.3 | 38.8 | | 5.25 | | TAS | | 18.1 | 0.91 | m_e mb | 5.0 |
| BRG | 79.85 | | pP | 21:46:13.471 | -0.1 | 37.6 | | 5.24 | | TAS | | 18.1 | 0.91 | m_e | |
| BSEG | 78.91 | | P | 21:45:57.408 | -0.1 | 38.8 | | 5.25 | | TAS | | 13.1 | 0.99 | m_e mb | 4.9 |
| BSEG | 78.91 | | pP | 21:46:07.844 | -0.2 | 37.6 | | 5.24 | | TAS | | 13.1 | 0.99 | m_e | |
| BUG | 82.02 | | pP | 21:46:24.374 | -0.0 | 37.6 | | 5.24 | | TAS | | 11.6 | 0.93 | m_e | |
| CLL | 79.91 | | P | 21:46:01.726 | 0.4 | 38.8 | | 5.25 | | TAS | | 32.4 | 0.95 | m_e mb | 5.2 |
| CLL | 79.91 | | pP | 21:46:13.374 | 0.1 | 37.6 | | 5.24 | | TAS | | 32.4 | 0.95 | m_e | |
| CLZ | 80.53 | | P | 21:46:06.138 | -0.1 | 38.8 | | 5.25 | | TAS | | 24.6 | 0.97 | m_e mb | 5.2 |
| CLZ | 80.53 | | pP | 21:46:17.217 | -0.2 | 37.6 | | 5.24 | | TAS | | 28.7 | 1.00 | m_e | |
| FLT1 | 79.81 | | P | 21:46:01.310 | -0.4 | 38.8 | | 5.25 | | TAS | | 27.4 | 0.94 | m_e mb | 5.2 |
| FLT1 | 79.81 | | pP | 21:46:12.460 | 0.4 | 37.6 | | 5.24 | | TAS | | 27.4 | 0.94 | m_e | |

| | | | | | | | | | | | | | | | | | | | |
|------|-------|----|--------------|------|------|------|-------|-------|------|-----|-----|-----|--|--|--|--|--|--|--|
| FUR | 83.05 | pP | 21:46:29.908 | 37.6 | 5.24 | TAS | 37.7 | 0.83 | m_e | | | | | | | | | | |
| GEC2 | 81.50 | P | 21:46:10.717 | 38.8 | 5.25 | TAS | 13.2 | 0.91 | m_e | mb | 5.1 | | | | | | | | |
| GEC2 | 81.50 | pP | 21:46:22.305 | 37.6 | 5.24 | TAS | 12.7 | 0.91 | m_e | | | | | | | | | | |
| GRA1 | 81.88 | P | 21:46:13.131 | 38.8 | 5.25 | TAS | 40.4 | 0.92 | m_e | mb | 5.5 | | | | | | | | |
| GRA1 | 81.88 | pP | 21:46:24.453 | -0.3 | 37.6 | 5.24 | TAS | 40.4 | 0.92 | m_e | | | | | | | | | |
| GRA1 | 81.88 | L | 22:26:16.742 | | | T__ | 215.6 | 19.80 | a_e | Ms | 4.5 | | | | | | | | |
| GTTG | 80.92 | P | 21:46:07.586 | -0.1 | 38.8 | 5.25 | TAS | 22.3 | 0.94 | m_e | mb | 5.2 | | | | | | | |
| GTTG | 80.92 | pP | 21:46:19.105 | 0.3 | 37.6 | 5.24 | TAS | 22.3 | 0.94 | m_e | | | | | | | | | |
| IBBN | 81.14 | P | 21:46:08.690 | -0.6 | 38.8 | 5.25 | TAS | 36.5 | 1.03 | m_e | mb | 5.3 | | | | | | | |
| IBBN | 81.14 | pP | 21:46:19.556 | 0.5 | 37.6 | 5.24 | TAS | 36.5 | 1.03 | m_e | | | | | | | | | |
| KAST | 81.78 | P | 21:46:11.834 | 0.5 | 38.8 | 5.25 | TAS | 8.4 | 0.89 | m_e | mb | 4.9 | | | | | | | |
| KAST | 81.78 | pP | 21:46:23.471 | -0.1 | 37.6 | 5.24 | TAS | 8.4 | 0.89 | m_e | | | | | | | | | |
| MOX | 80.97 | P | 21:46:07.886 | -0.3 | 38.8 | 5.25 | TAS | 13.0 | 1.13 | m_e | mb | 4.9 | | | | | | | |
| MOX | 80.97 | pP | 21:46:19.150 | 0.2 | 37.6 | 5.24 | TAS | 13.0 | 1.13 | m_e | | | | | | | | | |
| MOX | 80.97 | L | 22:27:17.462 | | | T__ | 335.4 | 18.00 | a_e | Ms | 4.7 | | | | | | | | |
| NEUB | 80.49 | P | 21:46:05.391 | 0.4 | 38.8 | 5.25 | TAS | 31.1 | 0.88 | m_e | mb | 5.3 | | | | | | | |
| NEUB | 80.49 | pP | 21:46:16.589 | 0.1 | 37.6 | 5.24 | TAS | 31.1 | 0.88 | m_e | | | | | | | | | |
| PLN | 80.88 | P | 21:46:07.666 | -0.5 | 38.8 | 5.25 | TAS | 2.1 | 0.89 | m_e | mb | 4.2 | | | | | | | |
| PLN | 80.88 | pP | 21:46:18.823 | 0.2 | 37.6 | 5.24 | TAS | 2.1 | 0.89 | m_e | | | | | | | | | |
| RETH | 80.21 | P | 21:46:03.946 | 0.5 | 38.8 | 5.25 | TAS | 21.4 | 1.05 | m_e | mb | 5.1 | | | | | | | |
| RETH | 80.21 | pP | 21:46:14.947 | -0.5 | 37.6 | 5.24 | TAS | 21.4 | 1.05 | m_e | | | | | | | | | |
| RUE | 78.70 | pP | 21:46:07.103 | 0.1 | 37.6 | 5.24 | TAS | 23.9 | 0.77 | m_e | | | | | | | | | |
| STU | 83.42 | P | 21:46:20.516 | | 38.8 | 5.25 | TAS | 75.6 | 0.94 | m_e | mb | 5.9 | | | | | | | |
| STU | 83.42 | pP | 21:46:31.870 | | 37.6 | 5.24 | TAS | 75.6 | 0.94 | m_e | | | | | | | | | |
| TANN | 80.81 | P | 21:46:07.541 | | 38.8 | 5.25 | TAS | 6.9 | 0.98 | m_e | mb | 4.7 | | | | | | | |
| TANN | 80.81 | pP | 21:46:18.267 | -0.1 | 37.6 | 5.24 | TAS | 6.9 | 0.98 | m_e | | | | | | | | | |
| WET | 81.62 | P | 21:46:11.632 | | 38.8 | 5.25 | TAS | 14.2 | 0.99 | m_e | mb | 5.1 | | | | | | | |
| WET | 81.62 | pP | 21:46:22.911 | | 37.6 | 5.24 | TAS | 14.2 | 0.99 | m_e | | | | | | | | | |
| WLF | 83.88 | P | 21:46:23.706 | | 38.8 | 5.25 | TAS | 16.5 | 1.34 | m_e | mb | 5.1 | | | | | | | |

Event 906011 Northern and central Iran

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/06 | 21:34:34.63 | | | 36.3700 | 53.5900 | | | | 33.0 | | | 24 | | 31.52 | 36.52 | m i ke | BGR |
| 906017 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.0 | | BGR | 906017 |
| Ms | 4.0 | | BGR | 906017 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|------|-----------|-----|
| ASSE | 33.96 | | P | 21:41:15.181 | -0.4 | 98.8 | | 8.77 | | TAS | | 23.4 | 1.58 | a_e | mb | 4.9 |
| BFO | 35.02 | | P | 21:41:23.673 | -0.6 | 98.8 | | 8.77 | | TAS | | 33.3 | 1.85 | m_e | mb | 5.0 |
| BRG | 31.71 | | P | 21:40:55.531 | -0.5 | 98.8 | | 8.77 | | TAS | | 49.7 | 1.66 | a_e | mb | 5.2 |
| BSEG | 34.53 | | P | 21:41:19.581 | -0.1 | 98.8 | | 8.77 | | TAS | | 11.6 | 0.76 | a_e | mb | 4.9 |
| BUG | 35.95 | | P | 21:41:32.431 | -0.8 | 98.8 | | 8.77 | | TAS | | 72.4 | 2.16 | a_e | mb | 5.1 |

| | | | | | | | | | | | | |
|------|-------|---|--------------|------|------|------|-----|-------|-------|-----|----|-----|
| CLL | 32.38 | P | 21:41:01.581 | -0.3 | 98.8 | 8.77 | TAS | 19.3 | 1.08 | m_e | mb | 5.0 |
| CLZ | 34.09 | P | 21:41:17.942 | 3.0 | 98.8 | 8.77 | TAS | 18.5 | 1.09 | m_e | mb | 4.9 |
| FLT1 | 33.66 | P | 21:41:12.131 | -0.7 | 98.8 | 8.77 | TAS | 23.5 | 1.21 | a_e | mb | 5.0 |
| FUR | 33.04 | P | 21:41:07.981 | 1.0 | 98.8 | 8.77 | TAS | 18.8 | 1.12 | a_e | mb | 4.9 |
| GEC2 | 31.52 | P | 21:40:54.131 | 0.1 | 98.8 | 8.77 | TAS | 14.2 | 0.92 | a_e | mb | 4.9 |
| GRA1 | 33.24 | P | 21:41:09.781 | 0.4 | 98.8 | 8.77 | TAS | 10.3 | 0.89 | a_e | mb | 4.8 |
| GRA1 | 33.24 | L | 21:59:23.672 | | | | T__ | 197.6 | 20.70 | a_e | Ms | 3.8 |
| GTTG | 34.29 | P | 21:41:18.831 | 0.2 | 98.8 | 8.77 | TAS | 15.2 | 1.05 | a_e | mb | 4.9 |
| IBBN | 35.76 | P | 21:41:31.839 | 0.5 | 98.8 | 8.77 | TAS | 22.3 | 1.16 | m_e | mb | 4.9 |
| KAST | 35.21 | P | 21:41:26.981 | 0.3 | 98.8 | 8.77 | TAS | 27.3 | 1.54 | a_e | mb | 5.0 |
| MOX | 33.13 | P | 21:41:07.781 | -0.7 | 98.8 | 8.77 | TAS | 24.7 | 1.51 | a_e | mb | 4.9 |
| MOX | 33.13 | L | 21:59:36.229 | | | | T__ | 383.3 | 19.20 | a_e | Ms | 4.1 |
| NEUB | 33.12 | P | 21:41:08.581 | 0.2 | 98.8 | 8.77 | TAS | 48.6 | 1.43 | a_e | mb | 5.2 |
| PLN | 32.76 | P | 21:41:05.431 | 0.2 | 98.8 | 8.77 | TAS | 9.3 | 1.84 | a_e | mb | 4.4 |
| RETH | 34.86 | P | 21:41:23.131 | -0.1 | 98.8 | 8.77 | TAS | 32.3 | 1.52 | a_e | mb | 5.0 |
| RUE | 32.17 | P | 21:40:58.831 | -0.7 | 98.8 | 8.77 | TAS | 33.3 | 1.10 | a_e | mb | 5.2 |
| STU | 34.47 | P | 21:41:19.337 | -0.4 | 98.8 | 8.77 | TAS | 195.4 | 1.65 | m_e | mb | 5.8 |
| TANN | 32.56 | P | 21:41:03.781 | 0.3 | 98.8 | 8.77 | TAS | 7.7 | 1.23 | a_e | mb | 4.5 |
| UBR | 33.79 | P | 21:41:13.231 | 0.0 | 98.8 | 8.77 | TAS | 21.1 | 1.10 | a_e | mb | 5.0 |
| WET | 32.10 | P | 21:40:58.981 | -0.2 | 98.8 | 8.77 | TAS | 20.4 | 1.55 | a_e | mb | 4.8 |
| WLF | 36.52 | P | 21:41:37.581 | -0.4 | 98.8 | 8.77 | TAS | 62.5 | 1.62 | a_e | mb | 5.1 |

Event 907001 Vanuatu Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/07 | 06:12:40.10 | | | -17.1030 | 168.4630 | | | | 10.0 | | | 21 | | 140.47 | 144.82 | m i ke | NEIC |
| | 907040 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms | 6.2 | | BGR | 907007 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|--------|-------|-----|------|-----------|-----|
| ASSE | 140.83 | | PKP | 06:32:07.519 | -0.3 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| BFO | 144.82 | | PKP | 06:32:15.381 | | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| BRG | 140.59 | | PKP | 06:32:03.992 | -0.7 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| BUG | 142.55 | | PKP | 06:32:09.540 | -1.9 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| CLL | 140.63 | | PKP | 06:32:05.544 | -1.0 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| CLZ | 141.17 | | PKP | 06:32:07.471 | 1.8 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| FLT1 | 140.47 | | PKP | 06:32:07.753 | 0.4 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| GEC2 | 142.23 | | PKP | 06:32:07.388 | | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| GRA1 | 142.60 | | PKP | 06:32:08.786 | | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| GRA1 | 142.60 | | L | 07:35:53.684 | | | | | | T__ | 4159.0 | 21.60 | | a_e | Ms | 6.2 |
| GTTG | 141.56 | | PKP | 06:32:06.807 | -0.8 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| IBBN | 141.65 | | PKP | 06:32:10.188 | -1.4 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| KAST | 142.38 | | PKP | 06:32:09.837 | -1.1 | 37.5 | | 2.23 | | TAS | | | | m_e | | |
| MOX | 141.69 | | PKP | 06:32:05.729 | -0.5 | 37.5 | | 2.23 | | TAS | | | | m_e | | |

| | | | | | | | | | | | | | | | |
|------|--------|-----|--------------|------|------|--|------|--|--|-----|--------|-------|-----|-----|-----|
| MOX | 141.69 | L | 07:39:02.644 | | | | | | | T__ | 5059.3 | 20.90 | a_e | Ms | 6.3 |
| NEUB | 141.19 | PKP | 06:32:08.500 | -1.6 | 37.5 | | 2.23 | | | TAS | | | | m_e | |
| PLN | 141.61 | PKP | 06:32:06.296 | 1.2 | 37.5 | | 2.23 | | | TAS | | | | m_e | |
| RETH | 140.77 | PKP | 06:32:06.970 | 0.3 | 37.5 | | 2.23 | | | TAS | | | | m_e | |
| STU | 144.13 | PKP | 06:32:14.246 | | 37.5 | | 2.23 | | | TAS | | | | m_e | |
| TANN | 141.54 | PKP | 06:32:05.936 | 0.7 | 37.5 | | 2.23 | | | TAS | | | | m_e | |
| UBR | 144.65 | PKP | 06:32:15.528 | | 37.5 | | 2.23 | | | TAS | | | | m_e | |
| WET | 142.35 | PKP | 06:32:08.224 | | 37.5 | | 2.23 | | | TAS | | | | m_e | |
| WLF | 144.44 | PKP | 06:32:13.313 | 1.9 | 37.5 | | 2.23 | | | TAS | | | | m_e | |

Event 907002 Vanuatu Islands

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/07 | 06:29:15.30 | | | -17.1800 | 168.4600 | | | | 10.0 | | | 13 | | 140.66 | 144.89 | m i ke | EMSC |
| | 907034 | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 144.89 | | PKPdf | 06:48:50.693 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| BRG | 140.66 | | PKPdf | 06:48:40.485 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| CLL | 140.70 | | PKPdf | 06:48:45.134 | 1.5 | 37.6 | | 1.89 | | TAS | | | | | m_e |
| CLZ | 141.25 | | PKPdf | 06:48:47.417 | 0.4 | 37.6 | | 1.89 | | TAS | | | | | m_e |
| GEC2 | 142.30 | | PKPdf | 06:48:44.042 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| MOX | 141.76 | | PKPdf | 06:48:43.943 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| PLN | 141.68 | | PKPdf | 06:48:43.546 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| STU | 144.20 | | PKPdf | 06:48:48.509 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| TANN | 141.61 | | PKPdf | 06:48:43.248 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| UBBA | 142.22 | | PKPdf | 06:48:46.212 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| UBR | 144.72 | | PKPdf | 06:48:50.097 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| WET | 142.42 | | PKPdf | 06:48:43.962 | | 37.6 | | 1.89 | | TAS | | | | | m_e |
| WLF | 144.51 | | PKPdf | 06:48:50.659 | | 37.6 | | 1.89 | | TAS | | | | | m_e |

Event 907003 Easter Island region

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/07 | 17:40:43.30 | | | -24.4500 | -112.0900 | | | | 10.0 | | | 13 | | 127.70 | 131.43 | m i ke | EMSC |
| | 907035 | | | | | | | | | | | | | | | | |

Magnitude Err Nsta Author OrigID

Ms 5.0 BGR 907009

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|

| | | | | | | | | | | | | | | | | | | |
|------|--------|-------|--------------|------|-------|-------|-----|--|--|--|--|-------|-------|-----|----|--|-----|-----|
| BFO | 127.96 | SS | 18:19:02.567 | -1.1 | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| BRG | 131.19 | SS | 18:19:44.268 | | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| CLL | 130.52 | SS | 18:19:34.947 | | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| CLZ | 128.81 | SS | 18:19:15.813 | 1.6 | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| GEC2 | 131.43 | SS | 18:19:47.212 | | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| GRA1 | 129.69 | PKPdf | 17:59:53.070 | | | | T__ | | | | | | | | | | | m_e |
| GRA1 | 129.69 | L | 18:49:32.026 | | | | T__ | | | | | 317.6 | 21.50 | a_e | Ms | | 5.0 | |
| GTTG | 128.61 | SS | 18:19:13.851 | 0.5 | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| KAST | 127.70 | SS | 18:19:04.039 | -0.2 | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| MOX | 129.78 | SS | 18:19:26.116 | | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| MOX | 129.78 | L | 19:02:10.280 | | | | T__ | | | | | 312.0 | 18.20 | a_e | Ms | | 5.0 | |
| PLN | 130.15 | SS | 18:19:32.984 | | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| TANN | 130.35 | SS | 18:19:34.456 | | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| UBBA | 128.74 | SS | 18:19:11.889 | -1.9 | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| UBR | 129.22 | SS | 18:19:17.285 | 0.9 | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |
| WET | 130.84 | SS | 18:19:40.834 | | 275.8 | 12.35 | TAS | | | | | | | | | | | m_e |

Event 907004 Central Mid-Atlantic Ridge

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/07 | 21:19:00.03 | | | 7.6470 | -38.2030 | | | | 33.0 | | | | | 58.73 | 58.73 | m i ke | BGR |
| OrigID 907010 | | | | | | | | | | | | | | | | | |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| mb | 4.4 | | BGR | 907010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|-----|------|------|-----------|
| GRA1 | 58.73 | | P | 21:28:55.229 | | 236.1 | | 6.51 | | TAS | | 3.5 | 0.95 | m_e | mb 4.4 |

Event 908001 Banda Sea

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/08 | 00:45:21.00 | | | -4.9370 | 129.7050 | | | | 174.0 | | | | 12 | 109.10 | 115.01 | m i ke | NEIC |
| OrigID 908040 | | | | | | | | | | | | | | | | | |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| ASSE | 111.43 | | PP | 01:04:13.740 | 0.7 | 63.1 | | 6.75 | | TAS | | | | a_e | |
| ASSE | 111.43 | | SP | 01:13:23.703 | -0.3 | 65.6 | | 9.34 | | TAS | | | | a_e | |
| BFO | 114.20 | | PKiKP | 01:03:38.803 | | 72.9 | | 1.78 | | TAS | | | | m_e | |
| BFO | 114.20 | | PP | 01:04:36.090 | | 63.1 | | 6.75 | | TAS | | | | a_e | |
| BFO | 114.20 | | SP | 01:13:52.672 | | 65.6 | | 9.34 | | TAS | | | | m_e | |

| | | | | | | | | |
|------|--------|-------|--------------|------|------|------|-----|-----|
| BRG | 109.91 | PP | 01:04:06.390 | 0.5 | 63.1 | 6.75 | TAS | a_e |
| BRG | 109.91 | SP | 01:13:10.803 | -0.4 | 65.6 | 9.34 | TAS | a_e |
| BSEG | 110.97 | PP | 01:04:09.790 | -0.5 | 63.1 | 6.75 | TAS | a_e |
| BSEG | 110.97 | SP | 01:13:19.853 | 1.2 | 65.6 | 9.34 | TAS | a_e |
| BUG | 113.64 | PKiKP | 01:03:38.756 | | 72.9 | 1.78 | TAS | m_e |
| BUG | 113.64 | PP | 01:04:28.940 | -0.0 | 63.1 | 6.75 | TAS | a_e |
| BUG | 113.64 | SP | 01:13:44.248 | | 65.6 | 9.34 | TAS | m_e |
| CLL | 110.34 | PKiKP | 01:03:33.227 | -0.1 | 72.9 | 1.78 | TAS | m_e |
| CLL | 110.34 | PP | 01:04:08.740 | 0.5 | 63.1 | 6.75 | TAS | a_e |
| CLL | 110.34 | SP | 01:13:14.403 | -0.3 | 65.6 | 9.34 | TAS | a_e |
| CLZ | 111.70 | PKiKP | 01:03:34.978 | | 72.9 | 1.78 | TAS | m_e |
| CLZ | 111.70 | PP | 01:04:17.390 | 0.2 | 63.1 | 6.75 | TAS | a_e |
| CLZ | 111.70 | SP | 01:13:26.503 | -0.2 | 65.6 | 9.34 | TAS | a_e |
| FLT1 | 111.03 | PKiKP | 01:03:33.232 | 0.5 | 72.9 | 1.78 | TAS | m_e |
| FLT1 | 111.03 | SP | 01:13:20.103 | -0.2 | 65.6 | 9.34 | TAS | a_e |
| FUR | 112.41 | PKiKP | 01:03:36.344 | | 72.9 | 1.78 | TAS | m_e |
| FUR | 112.41 | PP | 01:04:22.940 | -2.7 | 63.1 | 6.75 | TAS | a_e |
| GEC2 | 110.67 | PKiKP | 01:03:32.668 | 0.0 | 72.9 | 1.78 | TAS | m_e |
| GEC2 | 110.67 | PP | 01:04:11.240 | -1.3 | 63.1 | 6.75 | TAS | a_e |
| GEC2 | 110.67 | SP | 01:13:21.453 | 1.7 | 65.6 | 9.34 | TAS | a_e |
| GOR1 | 110.76 | SP | 01:13:17.253 | -0.1 | 65.6 | 9.34 | TAS | a_e |
| GRA1 | 111.94 | PP | 01:04:20.590 | 1.1 | 63.1 | 6.75 | TAS | a_e |
| GRA1 | 111.94 | SP | 01:13:29.203 | -1.3 | 65.6 | 9.34 | TAS | a_e |
| GTTG | 112.05 | PKiKP | 01:03:35.732 | | 72.9 | 1.78 | TAS | m_e |
| GTTG | 112.05 | PP | 01:04:20.090 | -2.0 | 63.1 | 6.75 | TAS | a_e |
| GTTG | 112.05 | SP | 01:13:29.803 | -0.2 | 65.6 | 9.34 | TAS | a_e |
| HLG | 112.19 | PP | 01:04:19.290 | -1.4 | 63.1 | 6.75 | TAS | a_e |
| IBBN | 113.02 | PKiKP | 01:03:37.486 | | 72.9 | 1.78 | TAS | m_e |
| IBBN | 113.02 | PP | 01:04:24.640 | -1.0 | 63.1 | 6.75 | TAS | a_e |
| KAST | 113.07 | PKiKP | 01:03:37.758 | | 72.9 | 1.78 | TAS | m_e |
| KAST | 113.07 | PP | 01:04:23.090 | 1.4 | 63.1 | 6.75 | TAS | a_e |
| MOX | 111.38 | PP | 01:04:16.790 | 0.9 | 63.1 | 6.75 | TAS | a_e |
| MOX | 111.38 | SP | 01:13:24.203 | -0.5 | 65.6 | 9.34 | TAS | m_e |
| NEUB | 111.11 | PP | 01:04:14.540 | -0.8 | 63.1 | 6.75 | TAS | a_e |
| NEUB | 111.11 | SP | 01:13:21.053 | -0.7 | 65.6 | 9.34 | TAS | a_e |
| PLN | 111.11 | PP | 01:04:15.040 | 1.3 | 63.1 | 6.75 | TAS | a_e |
| PLN | 111.11 | SP | 01:13:21.603 | -0.8 | 65.6 | 9.34 | TAS | a_e |
| RETH | 111.95 | PP | 01:04:17.540 | 1.4 | 63.1 | 6.75 | TAS | a_e |
| RETH | 111.95 | SP | 01:13:27.103 | -1.2 | 65.6 | 9.34 | TAS | m_e |
| RGN | 109.10 | PP | 01:03:54.990 | -2.6 | 63.1 | 6.75 | TAS | a_e |
| RGN | 109.10 | SP | 01:13:02.203 | 0.9 | 65.6 | 9.34 | TAS | a_e |
| RUE | 109.51 | PP | 01:04:02.440 | 0.5 | 63.1 | 6.75 | TAS | a_e |
| RUE | 109.51 | SP | 01:13:07.688 | 1.3 | 65.6 | 9.34 | TAS | m_e |
| STU | 113.50 | PKiKP | 01:03:38.571 | | 72.9 | 1.78 | TAS | m_e |
| STU | 113.50 | PP | 01:04:32.140 | 0.5 | 63.1 | 6.75 | TAS | a_e |
| STU | 113.50 | SP | 01:13:45.781 | | 65.6 | 9.34 | TAS | m_e |
| TANN | 110.95 | PP | 01:04:14.440 | -0.3 | 63.1 | 6.75 | TAS | a_e |
| TANN | 110.95 | SP | 01:13:20.353 | -0.6 | 65.6 | 9.34 | TAS | a_e |
| UBBA | 112.29 | PP | 01:04:19.140 | 0.1 | 63.1 | 6.75 | TAS | a_e |

| | | | | | | | | | |
|-----|--------|-------|--------------|------|------|------|-----|--|-----|
| UBR | 113.31 | PKiKP | 01:03:37.469 | | 72.9 | 1.78 | TAS | | m_e |
| UBR | 113.31 | PP | 01:04:29.590 | -0.3 | 63.1 | 6.75 | TAS | | a_e |
| WET | 111.09 | PP | 01:04:14.490 | 1.2 | 63.1 | 6.75 | TAS | | m_e |
| WET | 111.09 | SP | 01:13:23.503 | 0.1 | 65.6 | 9.34 | TAS | | a_e |
| WLF | 115.01 | PP | 01:04:39.440 | | 63.1 | 6.75 | TAS | | a_e |
| WLF | 115.01 | SP | 01:13:59.478 | | 65.6 | 9.34 | TAS | | m_e |

Event 908002 Ryukyu Islands, Japan

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/08 | 02:58:12.65 | | | 26.8630 | 127.6730 | | | | 33.0 | | | 23 | | 82.22 | 87.74 | m i ke | BGR |
| OrigID 908008 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.6 | | BGR | 908008 |
| Ms | 4.8 | | BGR | 908008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-------|------|-----------|
| ASSE | 83.97 | | P | 03:10:38.538 | 0.1 | 53.3 | | 5.01 | | TAS | | 54.7 | 1.19 | m_e | mb 5.7 |
| BFO | 87.49 | | P | 03:10:55.444 | | 53.3 | | 5.01 | | TAS | | 45.4 | 1.48 | m_e | mb 5.6 |
| BRG | 83.05 | | P | 03:10:33.557 | -0.3 | 53.3 | | 5.01 | | TAS | | 13.1 | 0.96 | m_e | mb 5.1 |
| BSEG | 83.05 | | P | 03:10:33.758 | -0.1 | 53.3 | | 5.01 | | TAS | | 31.9 | 0.96 | m_e | mb 5.5 |
| CLL | 83.28 | | P | 03:10:34.818 | -0.2 | 53.3 | | 5.01 | | TAS | | 43.5 | 0.92 | m_e | mb 5.7 |
| CLZ | 84.29 | | P | 03:10:40.338 | 0.3 | 53.3 | | 5.01 | | TAS | | 101.9 | 0.91 | m_e | mb 6.0 |
| FLT1 | 83.57 | | P | 03:10:36.066 | -0.4 | 53.3 | | 5.01 | | TAS | | 71.9 | 0.99 | m_e | mb 5.9 |
| FUR | 86.04 | | P | 03:10:49.759 | -0.0 | 53.3 | | 5.01 | | TAS | | 125.7 | 1.03 | m_e | mb 6.0 |
| GEC2 | 84.34 | | P | 03:10:40.148 | -0.1 | 53.3 | | 5.01 | | TAS | | 47.8 | 1.36 | m_e | mb 5.5 |
| GRA1 | 85.15 | | P | 03:10:45.029 | 0.2 | 53.3 | | 5.01 | | TAS | | 88.2 | 1.04 | m_e | mb 5.9 |
| GRA1 | 85.15 | | L | 03:52:16.273 | | | | | | T__ | | 294.5 | 19.70 | a_e | Ms 4.7 |
| GTTG | 84.67 | | P | 03:10:42.664 | 0.7 | 53.3 | | 5.01 | | TAS | | 78.0 | 0.95 | m_e | mb 5.9 |
| IBBN | 85.27 | | P | 03:10:45.130 | 0.5 | 53.3 | | 5.01 | | TAS | | 56.9 | 0.96 | m_e | mb 5.8 |
| KAST | 85.65 | | P | 03:10:47.394 | 0.9 | 53.3 | | 5.01 | | TAS | | 22.3 | 0.90 | m_e | mb 5.3 |
| MOX | 84.38 | | P | 03:10:40.410 | -0.1 | 53.3 | | 5.01 | | TAS | | 27.5 | 0.94 | m_e | mb 5.5 |
| MOX | 84.38 | | L | 03:52:32.127 | | | | | | T__ | | 393.5 | 18.30 | a_e | Ms 4.8 |
| NEUB | 83.98 | | P | 03:10:38.189 | -0.3 | 53.3 | | 5.01 | | TAS | | 89.2 | 0.93 | m_e | mb 6.0 |
| PLN | 84.20 | | P | 03:10:39.545 | -0.1 | 53.3 | | 5.01 | | TAS | | 13.3 | 1.00 | m_e | mb 5.1 |
| RETH | 84.23 | | P | 03:10:39.494 | -0.3 | 53.3 | | 5.01 | | TAS | | 56.7 | 1.05 | m_e | mb 5.7 |
| RUE | 82.22 | | P | 03:10:29.985 | 0.3 | 53.3 | | 5.01 | | TAS | | 58.8 | 1.15 | m_e | mb 5.6 |
| STU | 86.77 | | P | 03:10:52.476 | -0.7 | 53.3 | | 5.01 | | TAS | | 82.8 | 0.87 | m_e | mb 5.9 |
| TANN | 84.08 | | P | 03:10:38.800 | -0.2 | 53.3 | | 5.01 | | TAS | | 38.1 | 1.15 | m_e | mb 5.5 |
| UBR | 86.96 | | P | 03:10:53.479 | -0.4 | 53.3 | | 5.01 | | TAS | | 52.4 | 0.92 | m_e | mb 5.7 |
| WET | 84.60 | | P | 03:10:41.356 | -0.3 | 53.3 | | 5.01 | | TAS | | 27.3 | 1.23 | m_e | mb 5.3 |
| WLF | 87.74 | | P | 03:10:56.954 | | 53.3 | | 5.01 | | TAS | | 25.5 | 1.05 | m_e | mb 5.5 |

Event 908003 Tonga Islands
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/08 08:28:53.12 -16.8070 -175.4040 33.0 18 145.77 149.35 m i ke BGR
 908009

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 148.32 | | PKPbc | 08:48:35.190 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| BIOA | 148.23 | | PKPbc | 08:48:35.197 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| DAVA | 149.20 | | PKPbc | 08:48:38.230 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| FETA | 149.35 | | PKPbc | 08:48:38.676 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| GEC2 | 147.11 | | PKPbc | 08:48:32.165 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| GRA1 | 146.67 | | PKPbc | 08:48:31.002 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| KBA | 148.87 | | PKPbc | 08:48:37.070 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| LESA | 148.66 | | PKPbc | 08:48:36.446 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| MOA | 147.95 | | PKPbc | 08:48:34.930 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| MOTA | 148.99 | | PKPbc | 08:48:37.784 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| OBKA | 149.16 | | PKPbc | 08:48:38.051 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| PLN | 145.77 | | PKPbc | 08:48:27.744 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| RETA | 148.89 | | PKPbc | 08:48:37.249 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| SQTA | 149.09 | | PKPbc | 08:48:38.051 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| TANN | 145.79 | | PKPbc | 08:48:27.977 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| UBR | 148.79 | | PKPbc | 08:48:36.669 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| WET | 146.96 | | PKPbc | 08:48:31.234 | | 11.6 | | 2.96 | | TAS | | | | | m_e |
| WTTA | 148.99 | | PKPbc | 08:48:37.159 | | 11.6 | | 2.96 | | TAS | | | | | m_e |

Event 908004 Turkey
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/08 10:44:09.11 37.3600 38.3800 33.0 15 21.26 25.42 m i ke BGR
 908010

Magnitude Err Nsta Author OrigID
 mb 4.6 BGR 908010

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|-------|------|-----|-----|------|------|--------|-----------|
| ASSE | 24.39 | | P | 10:49:27.048 | 1.4 | 112.2 | | 10.14 | | TAS | | 10.8 | 0.98 | m_e mb | 4.3 |
| BFO | 24.45 | | P | 10:49:25.978 | | 112.2 | | 10.14 | | TAS | | 34.6 | 1.57 | m_e mb | 4.6 |
| BRG | 22.00 | | P | 10:49:01.297 | | 112.2 | | 10.14 | | TAS | | 50.2 | 1.61 | m_e mb | 4.7 |
| BSEG | 25.42 | | P | 10:49:35.146 | 1.6 | 112.2 | | 10.14 | | TAS | | 18.0 | 1.14 | m_e mb | 4.7 |
| CLL | 22.73 | | P | 10:49:08.950 | -1.0 | 112.2 | | 10.14 | | TAS | | 22.3 | 1.23 | m_e mb | 4.6 |
| CLZ | 24.43 | | P | 10:49:25.998 | 0.3 | 112.2 | | 10.14 | | TAS | | 31.6 | 1.18 | m_e mb | 4.7 |
| GEC2 | 21.26 | | P | 10:48:53.353 | | 112.2 | | 10.14 | | TAS | | 17.0 | 1.14 | m_e mb | 4.3 |

./bul2009.txt

Wed Mar 30 12:17:24 2022

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| | | | | | | | | | | | |
|------|-------|---|--------------|------------|-------|-----|------|------|-----|----|-----|
| GRA1 | 23.08 | P | 10:49:12.978 | 112.2 | 10.14 | TAS | 29.7 | 1.08 | m_e | mb | 4.7 |
| GTTG | 24.54 | P | 10:49:27.341 | 0.1 112.2 | 10.14 | TAS | 29.8 | 1.30 | m_e | mb | 4.9 |
| KAST | 25.30 | P | 10:49:34.359 | 112.2 | 10.14 | TAS | 23.3 | 1.20 | m_e | mb | 4.8 |
| MOX | 23.22 | P | 10:49:15.606 | 112.2 | 10.14 | TAS | 13.9 | 1.18 | m_e | mb | 4.4 |
| PLN | 22.84 | P | 10:49:10.993 | 112.2 | 10.14 | TAS | 3.8 | 1.20 | m_e | mb | 3.8 |
| RETH | 25.38 | P | 10:49:34.666 | -0.0 112.2 | 10.14 | TAS | 20.4 | 1.09 | m_e | mb | 4.8 |
| TANN | 22.64 | P | 10:49:08.524 | 112.2 | 10.14 | TAS | 40.6 | 1.43 | m_e | mb | 4.8 |
| UBBA | 24.23 | P | 10:49:20.009 | 112.2 | 10.14 | TAS | 25.8 | 1.46 | m_e | mb | 4.5 |
| UBR | 23.12 | P | 10:49:14.282 | 112.2 | 10.14 | TAS | 28.5 | 1.34 | m_e | mb | 4.6 |
| WET | 21.87 | P | 10:48:59.979 | 112.2 | 10.14 | TAS | 18.4 | 1.20 | m_e | mb | 4.4 |

Event 909001 Talaud Islands, Indonesia

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/09 | 03:41:18.40 | | | 4.1700 | 126.6500 | | | | 40.0 | | | | | 102.28 | 102.88 | m i ke | EMSC |
| | 909033 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms | 5.3 | | BGR | 909007 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-------|------|-----------|
| GRA1 | 102.88 | | Pdiff | 03:55:12.560 | | | | | | T__ | | | | m_e | |
| GRA1 | 102.88 | | L | 04:45:23.166 | | | | | | T__ | | 1008.2 | 20.20 | a_e | Ms 5.3 |
| MOX | 102.28 | | L | 04:48:47.757 | | | | | | T__ | | 983.1 | 20.60 | a_e | Ms 5.3 |

Event 909002 Talaud Islands, Indonesia

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|--------|--------|--------|
| 2020/09/09 | 07:18:45.20 | | | 4.1200 | 126.7200 | | | | 60.0 | | | | 21 | 99.92 | 105.96 | m i ke | EMSC |
| | 909034 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| Ms | 5.8 | | BGR | 909008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| ASSE | 102.32 | | SKSac | 07:43:09.977 | 0.1 | 70.7 | | 4.63 | | TAS | | | | a_e | |
| ASSE | 102.32 | | Pdiff | 07:32:35.256 | 0.1 | 68.9 | | 4.64 | | TAS | | | | m_e | |
| BFO | 105.25 | | SKSac | 07:43:22.077 | | 70.7 | | 4.63 | | TAS | | | | a_e | |
| BRG | 100.91 | | SKSac | 07:43:03.277 | -1.2 | 70.7 | | 4.63 | | TAS | | | | a_e | |
| BRG | 100.91 | | Pdiff | 07:32:28.319 | 0.1 | 68.9 | | 4.64 | | TAS | | | | m_e | |
| BSEG | 101.78 | | SKSac | 07:43:08.827 | 0.2 | 70.7 | | 4.63 | | TAS | | | | a_e | |
| BSEG | 101.78 | | Pdiff | 07:32:32.968 | 0.1 | 68.9 | | 4.64 | | TAS | | | | m_e | |
| BUG | 104.53 | | SKSac | 07:43:20.577 | | 70.7 | | 4.63 | | TAS | | | | a_e | |

| | | | | | | | | | | | | | | | | | |
|------|--------|-------|--------------|------|------|------|-----|--------|-------|--|--|--|--|--|--|--|------------|
| BUG | 104.53 | Pdiff | 07:32:45.333 | | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| CLL | 101.30 | SKSac | 07:43:03.727 | 0.9 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| CLL | 101.30 | Pdiff | 07:32:30.533 | 0.2 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| CLZ | 102.61 | SKSac | 07:43:11.427 | 0.8 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| CLZ | 102.61 | Pdiff | 07:32:36.806 | -0.4 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| FLT1 | 101.92 | SKSac | 07:43:08.477 | 0.3 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| FLT1 | 101.92 | Pdiff | 07:32:33.042 | -0.1 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| FUR | 103.52 | SKSac | 07:43:14.727 | -0.8 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| GEC2 | 101.77 | SKSac | 07:43:07.327 | 0.7 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| GEC2 | 101.77 | Pdiff | 07:32:32.452 | -0.5 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| GOR1 | 101.62 | Pdiff | 07:32:32.378 | -0.2 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| GRA1 | 102.97 | SKSac | 07:43:12.777 | 0.4 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| GRA1 | 102.97 | Pdiff | 07:32:37.643 | 0.6 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| GRA1 | 102.97 | L | 08:21:57.132 | | | | T__ | 2951.5 | 21.10 | | | | | | | | a_e Ms 5.8 |
| GTTG | 102.96 | SKSac | 07:43:13.727 | -3.2 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| GTTG | 102.96 | Pdiff | 07:32:38.429 | 0.8 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| HLG | 102.97 | SKSac | 07:43:14.327 | 0.2 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| HLG | 102.97 | Pdiff | 07:32:39.536 | -0.1 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| IBBN | 103.87 | Pdiff | 07:32:42.714 | -0.4 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| KAST | 103.98 | Pdiff | 07:32:43.059 | | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| MOX | 102.36 | SKSac | 07:43:09.427 | 0.5 | 70.7 | 4.63 | TAS | | | | | | | | | | m_e |
| MOX | 102.36 | Pdiff | 07:32:35.477 | -0.3 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| MOX | 102.36 | L | 08:25:01.531 | | | | T__ | 2833.6 | 22.00 | | | | | | | | a_e Ms 5.8 |
| NEUB | 102.06 | SKSac | 07:43:08.027 | 1.1 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| NEUB | 102.06 | Pdiff | 07:32:33.928 | 0.2 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| PLN | 102.11 | Pdiff | 07:32:34.075 | -0.1 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| RETH | 102.80 | Pdiff | 07:32:37.470 | 0.1 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| RGN | 99.92 | SKSac | 07:42:59.227 | -0.3 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| STU | 104.55 | SKSac | 07:43:18.777 | | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| TANN | 101.95 | SKSac | 07:43:08.027 | -0.5 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| TANN | 101.95 | Pdiff | 07:32:33.411 | 0.0 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| UBBA | 103.24 | SKSac | 07:43:10.777 | 0.2 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| UBBA | 103.24 | Pdiff | 07:32:40.233 | -0.0 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| UBR | 104.43 | Pdiff | 07:32:44.506 | | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| WET | 102.17 | SKSac | 07:43:09.527 | -0.3 | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |
| WET | 102.17 | Pdiff | 07:32:34.370 | 0.1 | 68.9 | 4.64 | TAS | | | | | | | | | | m_e |
| WLF | 105.96 | SKSac | 07:43:27.877 | | 70.7 | 4.63 | TAS | | | | | | | | | | a_e |

Event 909009 Tonga Islands
Date 2020/09/09 22:55:53.86
Time 22:55:53.86
Err 909015
RMS -15.1330
Latitude -175.5820
Longitude 300.0
Smaj
Smin
Az 10
Depth 142.98
Err Ndef Nsta Gap 146.64
mdist m
Mdist i
Qual ke
Author BGR

Magnitude Err Nsta Author OrigID

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 146.64 | | PKPbc | 23:14:59.184 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| CLL | 143.17 | | PKPbc | 23:14:47.976 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| CLZ | 142.98 | | PKPbc | 23:14:47.667 | -0.5 | 11.5 | | 3.25 | | TAS | | | | m_e | |
| FUR | 146.49 | | PKPbc | 23:14:59.264 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| GEC2 | 145.44 | | PKPbc | 23:14:55.772 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| GRA1 | 145.00 | | PKPbc | 23:14:54.608 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| PLN | 144.09 | | PKPbc | 23:14:51.545 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| TANN | 144.12 | | PKPbc | 23:14:51.273 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| WET | 145.29 | | PKPbc | 23:14:55.035 | | 11.5 | | 3.25 | | TAS | | | | m_e | |
| WLF | 145.44 | | PKPbc | 23:14:56.237 | | 11.5 | | 3.25 | | TAS | | | | m_e | |

Event 910002 Crete, Greece

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/10 | 10:30:29.69 | 2.11 | 0.88 | 34.6290 | 25.3990 | 65.6 | 44.5 | 48 | 10.0 | | | 24 | 347 | 14.63 | 21.40 | m i ke | BGR |
| OrigID 910008 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 4.3 | | BGR | 910008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|-------|------|-----|-----|------|------|--------|-----------|
| ARSA | 14.63 | | P | 10:34:04.226 | -0.8 | 135.7 | | 10.92 | | TAS | | | | m_e | |
| BFO | 18.67 | | P | 10:34:47.544 | | 135.7 | | 10.92 | | TAS | | 4.0 | 0.69 | m_e mb | 3.8 |
| BRG | 18.24 | | P | 10:34:43.846 | | 135.7 | | 10.92 | | TAS | | 4.7 | 0.76 | m_e mb | 3.7 |
| BUG | 21.29 | | P | 10:35:17.167 | | 135.7 | | 10.92 | | TAS | | 16.5 | 0.78 | m_e mb | 4.4 |
| CLL | 18.93 | | P | 10:34:51.481 | | 135.7 | | 10.92 | | TAS | | 11.7 | 0.91 | m_e mb | 4.1 |
| CLZ | 20.31 | | P | 10:35:06.107 | | 135.7 | | 10.92 | | TAS | | 14.9 | 0.78 | m_e mb | 4.3 |
| FETA | 16.59 | | P | 10:34:25.589 | | 135.7 | | 10.92 | | TAS | | | | m_e | |
| FLT1 | 20.39 | | P | 10:35:06.650 | | 135.7 | | 10.92 | | TAS | | 34.3 | 0.78 | m_e mb | 4.6 |
| FUR | 17.13 | | P | 10:34:32.064 | | 135.7 | | 10.92 | | TAS | | 40.5 | 0.95 | m_e mb | 4.5 |
| GEC2 | 16.64 | | P | 10:34:26.191 | | 135.7 | | 10.92 | | TAS | | 22.9 | 0.74 | m_e mb | 4.4 |
| GRA1 | 18.30 | | P | 10:34:44.571 | | 135.7 | | 10.92 | | TAS | | 23.8 | 0.76 | m_e mb | 4.4 |
| GTTG | 20.24 | | P | 10:35:06.236 | | 135.7 | | 10.92 | | TAS | | 93.9 | 0.95 | m_e mb | 5.0 |
| KAST | 20.62 | | P | 10:35:09.246 | | 135.7 | | 10.92 | | TAS | | 18.7 | 1.16 | m_e mb | 4.3 |
| KBA | 15.39 | | P | 10:34:13.010 | -0.3 | 135.7 | | 10.92 | | TAS | | | | m_e | |
| LESA | 15.95 | | P | 10:34:18.261 | -0.1 | 135.7 | | 10.92 | | TAS | | | | m_e | |
| MOA | 15.61 | | P | 10:34:14.462 | -0.1 | 135.7 | | 10.92 | | TAS | | | | m_e | |
| MOX | 18.89 | | P | 10:34:50.984 | | 135.7 | | 10.92 | | TAS | | 9.8 | 0.75 | m_e mb | 4.1 |
| NEUB | 19.27 | | P | 10:34:56.362 | | 135.7 | | 10.92 | | TAS | | 49.7 | 1.05 | m_e mb | 4.7 |
| PLN | 18.55 | | P | 10:34:47.278 | | 135.7 | | 10.92 | | TAS | | 3.7 | 0.78 | m_e mb | 3.7 |
| RETH | 21.40 | | P | 10:35:17.903 | | 135.7 | | 10.92 | | TAS | | 44.1 | 0.96 | m_e mb | 4.8 |
| TANN | 18.38 | | P | 10:34:44.964 | | 135.7 | | 10.92 | | TAS | | 17.3 | 0.85 | m_e mb | 4.2 |
| UBR | 17.35 | | P | 10:34:33.214 | | 135.7 | | 10.92 | | TAS | | 14.8 | 0.66 | m_e mb | 4.2 |
| WET | 17.20 | | P | 10:34:32.187 | | 135.7 | | 10.92 | | TAS | | 25.9 | 0.89 | m_e mb | 4.4 |
| WTTA | 16.32 | | P | 10:34:23.650 | 0.3 | 135.7 | | 10.92 | | TAS | | | | m_e | |

Event 911006 Northern Chile
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/11 07:35:57.90 -21.2060 -69.8490 51.0 15 97.33 102.42 m i ke NEIC
 911045

Magnitude Err Nsta Author OrigID
 Ms 5.8 BGR 911012

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|--------|--------------|------|-------|-------|------|------|-----|-----|--------|-------|--------|-----------|
| ASSE | 100.91 | | Pdiff | 07:49:41.270 | 0.4 | | | | | T__ | | | | m_e | |
| ASSE | 100.91 | | pPdiff | 07:49:55.213 | 0.0 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| BFO | 98.12 | | Pdiff | 07:49:27.836 | -0.0 | | | | | T__ | | | | m_e | |
| BFO | 98.12 | | pPdiff | 07:49:41.904 | -0.5 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| BRG | 102.42 | | Pdiff | 07:49:47.541 | -0.4 | | | | | T__ | | | | m_e | |
| BRG | 102.42 | | pPdiff | 07:50:02.718 | 0.5 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| BSEG | 101.33 | | Pdiff | 07:49:42.278 | -0.6 | | | | | T__ | | | | m_e | |
| BUG | 98.69 | | Pdiff | 07:49:30.084 | -0.4 | | | | | T__ | | | | m_e | |
| CLL | 102.00 | | Pdiff | 07:49:45.982 | 0.0 | | | | | T__ | | | | m_e | |
| CLL | 102.00 | | pPdiff | 07:49:59.740 | -0.3 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| CLZ | 100.64 | | Pdiff | 07:49:39.605 | 0.0 | | | | | T__ | | | | m_e | |
| CLZ | 100.64 | | pPdiff | 07:49:53.414 | -0.2 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| FLT1 | 101.30 | | Pdiff | 07:49:42.725 | 0.0 | | | | | T__ | | | | m_e | |
| FLT1 | 101.30 | | pPdiff | 07:49:56.712 | 0.4 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| GEC2 | 101.63 | | Pdiff | 07:49:43.943 | -0.4 | | | | | T__ | | | | m_e | |
| GEC2 | 101.63 | | pPdiff | 07:49:58.405 | 0.3 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| GRA1 | 100.39 | | Pdiff | 07:49:38.770 | 0.3 | | | | | T__ | | | | m_e | |
| GRA1 | 100.39 | | pPdiff | 07:49:53.206 | 0.3 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| GRA1 | 100.39 | | L | 08:34:52.575 | | | | | | T__ | | 2173.9 | 21.30 | a_e Ms | 5.6 |
| GTTG | 100.29 | | Pdiff | 07:49:38.072 | 0.1 | | | | | T__ | | | | m_e | |
| GTTG | 100.29 | | pPdiff | 07:49:52.582 | 0.0 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| IBBN | 99.30 | | Pdiff | 07:49:33.652 | 0.3 | | | | | T__ | | | | m_e | |
| IBBN | 99.30 | | pPdiff | 07:49:48.112 | -0.2 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| KAST | 99.26 | | Pdiff | 07:49:32.721 | -0.5 | | | | | T__ | | | | m_e | |
| MOX | 100.95 | | Pdiff | 07:49:40.864 | -0.2 | | | | | T__ | | | | m_e | |
| MOX | 100.95 | | pPdiff | 07:49:55.403 | 0.3 | 250.1 | | 4.61 | | TAS | | | | m_e | |
| MOX | 100.95 | | L | 08:32:17.985 | | | | | | T__ | | 5359.8 | 21.60 | a_e Ms | 6.0 |
| NEUB | 101.23 | | Pdiff | 07:49:42.260 | -0.1 | | | | | T__ | | | | m_e | |
| PLN | 101.22 | | Pdiff | 07:49:43.007 | 0.7 | | | | | T__ | | | | m_e | |
| PLN | 101.22 | | pPdiff | 07:49:56.498 | | 250.1 | | 4.61 | | TAS | | | | m_e | |
| RETH | 100.37 | | Pdiff | 07:49:38.770 | 0.4 | | | | | T__ | | | | m_e | |
| STU | 98.82 | | Pdiff | 07:49:30.537 | -0.6 | | | | | T__ | | | | m_e | |
| TANN | 101.38 | | Pdiff | 07:49:43.656 | 0.6 | | | | | T__ | | | | m_e | |
| TANN | 101.38 | | pPdiff | 07:49:57.744 | | 250.1 | | 4.61 | | TAS | | | | m_e | |
| TNS | 98.91 | | Pdiff | 07:49:31.326 | -0.2 | | | | | T__ | | | | m_e | |

| | | | | | | | | | | | |
|-----|--------|--------|--------------|------|-------|------|--|--|-----|--|-----|
| UBR | 98.98 | Pdiff | 07:49:32.023 | 0.1 | | | | | T__ | | m_e |
| UBR | 98.98 | pPdiff | 07:49:46.686 | | 250.1 | 4.61 | | | TAS | | m_e |
| WET | 101.22 | Pdiff | 07:49:42.261 | -0.1 | | | | | T__ | | m_e |
| WET | 101.22 | pPdiff | 07:49:56.566 | | 250.1 | 4.61 | | | TAS | | m_e |
| WLF | 97.33 | Pdiff | 07:49:24.579 | 0.4 | | | | | T__ | | m_e |

Event 912002 Near east coast of eastern Honshu, Japan

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/12 | 02:44:11.92 | | | 38.8310 | 142.9090 | | | | 33.0 | | | 28 | | 77.33 | 84.20 | m i ke | BGR |
| | 912008 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 6.0 | | BGR | 912008 |
| Ms | 6.0 | | BGR | 912008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-------|------|-----------|
| ASSE | 80.22 | P | | 02:56:17.453 | 0.7 | 36.0 | | 5.26 | | TAS | | 115.4 | 1.15 | m_e | mb 5.7 |
| BFO | 84.20 | P | | 02:56:38.993 | 0.6 | 36.0 | | 5.26 | | TAS | | 252.6 | 1.11 | m_e | mb 6.4 |
| BRG | 80.00 | P | | 02:56:17.180 | -4.5 | 36.0 | | 5.26 | | TAS | | 1875.2 | 2.68 | m_e | mb 6.5 |
| BSEG | 78.88 | P | | 02:56:11.236 | 0.7 | 36.0 | | 5.26 | | TAS | | 216.8 | 1.06 | m_e | mb 6.1 |
| BUG | 81.99 | P | | 02:56:26.990 | -0.7 | 36.0 | | 5.26 | | TAS | | 152.0 | 1.16 | m_e | mb 6.0 |
| CLL | 80.02 | P | | 02:56:16.089 | -0.1 | 36.0 | | 5.26 | | TAS | | 209.5 | 0.95 | m_e | mb 6.0 |
| CLZ | 80.56 | P | | 02:56:20.268 | 0.4 | 36.0 | | 5.26 | | TAS | | 217.1 | 1.00 | m_e | mb 6.1 |
| FLT1 | 79.86 | P | | 02:56:15.973 | -0.3 | 36.0 | | 5.26 | | TAS | | 205.5 | 0.91 | m_e | mb 6.0 |
| FUR | 83.21 | P | | 02:56:34.093 | 0.2 | 36.0 | | 5.26 | | TAS | | 386.5 | 1.28 | m_e | mb 6.5 |
| GEC2 | 81.70 | P | | 02:56:25.159 | -0.2 | 36.0 | | 5.26 | | TAS | | 67.7 | 0.85 | m_e | mb 5.8 |
| GOR1 | 79.30 | P | | 02:56:13.599 | -0.0 | 36.0 | | 5.26 | | TAS | | 2.4 | 1.20 | m_e | mb 4.1 |
| GRA1 | 82.00 | P | | 02:56:27.855 | 0.1 | 36.0 | | 5.26 | | TAS | | 125.5 | 1.37 | m_e | mb 5.9 |
| GRA1 | 82.00 | L | | 03:34:58.872 | | | | | | T__ | | 5911.8 | 21.30 | a_e | Ms 5.9 |
| GTTG | 80.95 | P | | 02:56:22.080 | -0.1 | 36.0 | | 5.26 | | TAS | | 157.1 | 0.98 | m_e | mb 6.0 |
| IBBN | 81.10 | P | | 02:56:22.199 | 0.1 | 36.0 | | 5.26 | | TAS | | 191.4 | 0.92 | m_e | mb 6.1 |
| KAST | 81.79 | P | | 02:56:25.872 | -0.0 | 36.0 | | 5.26 | | TAS | | 99.1 | 1.15 | m_e | mb 5.8 |
| MOX | 81.07 | P | | 02:56:22.413 | -0.1 | 36.0 | | 5.26 | | TAS | | 154.4 | 1.25 | m_e | mb 5.9 |
| MOX | 81.07 | L | | 03:33:30.734 | | | | | | T__ | | 7036.7 | 21.30 | a_e | Ms 6.0 |
| NEUB | 80.57 | P | | 02:56:19.624 | 0.5 | 36.0 | | 5.26 | | TAS | | 198.3 | 1.01 | m_e | mb 6.1 |
| PLN | 81.00 | P | | 02:56:21.818 | 0.6 | 36.0 | | 5.26 | | TAS | | 40.2 | 1.12 | m_e | mb 5.4 |
| RETH | 80.19 | P | | 02:56:17.577 | 0.1 | 36.0 | | 5.26 | | TAS | | 157.2 | 1.14 | m_e | mb 5.8 |
| RGN | 77.33 | P | | 02:56:02.670 | 0.1 | 36.0 | | 5.26 | | TAS | | 556.7 | 1.31 | m_e | mb 6.5 |
| RUE | 78.80 | P | | 02:56:10.386 | -0.2 | 36.0 | | 5.26 | | TAS | | 320.5 | 1.20 | m_e | mb 6.2 |
| STU | 83.51 | P | | 02:56:34.909 | 0.2 | 36.0 | | 5.26 | | TAS | | 693.0 | 1.36 | m_e | mb 6.7 |
| TANN | 80.94 | P | | 02:56:22.192 | 0.1 | 36.0 | | 5.26 | | TAS | | 338.1 | 2.17 | m_e | mb 6.0 |
| TNS | 82.59 | P | | 02:56:30.330 | 0.9 | 36.0 | | 5.26 | | TAS | | 59.9 | 0.84 | m_e | mb 5.8 |
| UBBA | 81.53 | P | | 02:56:20.201 | 0.1 | 36.0 | | 5.26 | | TAS | | 198.9 | 1.66 | m_e | mb 6.0 |
| UBR | 84.06 | P | | 02:56:38.176 | | 36.0 | | 5.26 | | TAS | | 98.1 | 1.08 | m_e | mb 6.0 |
| WET | 81.79 | P | | 02:56:26.118 | -0.4 | 36.0 | | 5.26 | | TAS | | 153.0 | 1.22 | m_e | mb 6.0 |

WLF 83.87 P 02:56:37.903 0.7 36.0 5.26 TAS 290.7 1.56 m_e mb 6.3

Event 913001 Eastern New Guinea, Papua New Guinea, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/13 10:28:19.60 -6.0400 147.0200 60.0 122.83 122.83 m i ke EMSC
 913033

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 122.83 PKP 10:47:07.164 55.6 1.07 TAS m_e

Event 913002 Sakhalin Island, Russia
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/13 13:42:26.30 48.9500 142.0600 10.0 72.93 72.93 m i ke EMSC
 913034

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 913008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 72.93 P 13:53:57.274 31.4 5.23 TAS 14.0 1.12 m_e mb 5.0

Event 913003 Northern Sumatera, Indonesia
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/13 18:28:53.00 4.3700 96.7300 128.0 83.80 83.80 m i ke EMSC
 913035

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 913009

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 83.80 P 18:41:07.967 90.6 4.37 TAS 40.0 1.50 m_e mb 5.4

Event 915004 Kamchatka Peninsula, Russia
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/15 03:40:46.26 54.1750 158.7950 354.2 3.8 28 67.84 74.99 m i ke BGR
 915010

Magnitude Err Nsta Author OrigID
 mb 5.9 BGR 915010
 MBB 6.5 BGR 915010

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|-----|
| ASSE | 70.66 | | P | 03:51:57.093 | -0.3 | 19.2 | | 5.95 | | TAS | | 367.5 | 1.60 | m_e | MBB | 6.7 |
| BFO | 74.74 | | P | 03:52:21.261 | 1.1 | 19.2 | | 5.95 | | TAS | | 67.7 | 1.11 | m_e | MBB | 6.4 |
| BRG | 71.14 | | P | 03:52:00.017 | -0.3 | 19.2 | | 5.95 | | TAS | | 108.4 | 1.40 | m_e | MBB | 6.5 |
| BSEG | 69.02 | | P | 03:51:47.327 | -0.3 | 19.2 | | 5.95 | | TAS | | 172.9 | 1.35 | m_e | MBB | 6.8 |
| BUG | 71.97 | | P | 03:52:04.992 | -0.1 | 19.2 | | 5.95 | | TAS | | 226.9 | 1.51 | m_e | MBB | 6.6 |
| CLL | 70.94 | | P | 03:51:58.644 | -0.5 | 19.2 | | 5.95 | | TAS | | 587.7 | 1.87 | m_e | MBB | 6.5 |
| CLZ | 70.99 | | P | 03:51:59.580 | 0.2 | 19.2 | | 5.95 | | TAS | | 416.7 | 1.45 | m_e | MBB | 6.7 |
| FLT1 | 70.36 | | P | 03:51:54.889 | -0.7 | 19.2 | | 5.95 | | TAS | | 200.7 | 1.49 | m_e | MBB | 6.6 |
| FUR | 74.28 | | P | 03:52:20.140 | -0.3 | 19.2 | | 5.95 | | TAS | | 187.4 | 1.53 | m_e | MBB | 6.5 |
| GEC2 | 73.10 | | P | 03:52:11.921 | -0.4 | 19.2 | | 5.95 | | TAS | | 31.4 | 0.75 | m_e | MBB | 6.5 |
| GOR1 | 69.72 | | P | 03:51:52.564 | 0.7 | 19.2 | | 5.95 | | TAS | | 3.6 | 1.56 | m_e | MBB | 4.8 |
| GRA1 | 72.85 | | P | 03:52:10.852 | 0.1 | 19.2 | | 5.95 | | TAS | | 106.5 | 1.00 | m_e | mb | 5.9 |
| GTTG | 71.36 | | P | 03:52:01.391 | -0.2 | 19.2 | | 5.95 | | TAS | | 239.9 | 1.66 | m_e | MBB | 6.6 |
| GTTG | 71.36 | | pP | 03:53:20.546 | | | | | | T__ | | | | m_e | | |
| HLG | 69.24 | | P | 03:51:49.801 | 1.0 | 19.2 | | 5.95 | | TAS | | 135.6 | 0.98 | m_e | MBB | 6.9 |
| IBBN | 71.06 | | P | 03:51:59.548 | -0.1 | 19.2 | | 5.95 | | TAS | | 86.1 | 0.92 | m_e | MBB | 6.7 |
| KAST | 71.98 | | P | 03:52:05.276 | 0.0 | 19.2 | | 5.95 | | TAS | | 160.7 | 1.42 | m_e | MBB | 6.6 |
| KAST | 71.98 | | pP | 03:53:25.074 | | | | | | T__ | | | | m_e | | |
| MOX | 71.87 | | P | 03:52:04.512 | 0.1 | 19.2 | | 5.95 | | TAS | | 132.8 | 1.36 | m_e | MBB | 6.6 |
| NEUB | 71.32 | | P | 03:52:01.108 | -0.2 | 19.2 | | 5.95 | | TAS | | 139.0 | 1.12 | m_e | MBB | 6.7 |
| PLN | 71.90 | | P | 03:52:04.927 | 0.0 | 19.2 | | 5.95 | | TAS | | 66.3 | 1.53 | m_e | MBB | 6.2 |
| RETH | 70.34 | | P | 03:51:55.270 | -0.2 | 19.2 | | 5.95 | | TAS | | 303.9 | 1.62 | m_e | MBB | 6.6 |
| RETH | 70.34 | | pP | 03:53:13.637 | | | | | | T__ | | | | m_e | | |
| RGN | 67.84 | | P | 03:51:40.185 | -0.5 | 19.2 | | 5.95 | | TAS | | 197.3 | 0.65 | m_e | MBB | 7.0 |
| RUE | 69.68 | | P | 03:51:52.489 | 0.9 | 19.2 | | 5.95 | | TAS | | 239.4 | 1.26 | m_e | MBB | 6.8 |
| STU | 74.15 | | P | 03:52:17.813 | -0.4 | 19.2 | | 5.95 | | TAS | | 325.2 | 1.49 | m_e | MBB | 6.8 |
| TANN | 71.90 | | P | 03:52:04.839 | 0.1 | 19.2 | | 5.95 | | TAS | | 204.9 | 1.68 | m_e | MBB | 6.6 |
| TNS | 72.91 | | P | 03:52:10.840 | 0.1 | 19.2 | | 5.95 | | TAS | | 41.7 | 0.83 | m_e | MBB | 6.6 |
| UBR | 74.99 | | P | 03:52:22.941 | | 19.2 | | 5.95 | | TAS | | 507.0 | 2.22 | m_e | MBB | 6.5 |
| WET | 73.00 | | P | 03:52:11.528 | 0.0 | 19.2 | | 5.95 | | TAS | | 44.7 | 0.87 | m_e | MBB | 6.6 |
| WLF | 73.88 | | P | 03:52:16.569 | 0.4 | 19.2 | | 5.95 | | TAS | | 237.8 | 1.67 | m_e | MBB | 6.4 |

Event 915003 Nepal
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID

2020/09/15 23:34:08.30 27.2870 85.3310 33.0 25 57.76 61.88 m i ke BGR 915009

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 915009
Ms 4.8 BGR 915009

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Contains station data for various locations like ASSE, BFO, BRG, etc.

Event 916004 Southeast of Loyalty Islands
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2020/09/16 08:44:32.98 -22.6400 172.2700 159.5 2.9 26 145.84 151.29 m i ke BGR 916010

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Contains station data for ASSE.

| | | | | | | | | |
|------|--------|--------|--------------|------|------|------|-----|-----|
| BFO | 151.29 | PKPbc | 09:04:06.825 | | 34.2 | 2.57 | TAS | m_e |
| BFO | 151.29 | PKPab | 09:04:14.328 | | 33.4 | 4.26 | TAS | m_e |
| BFO | 151.29 | pPKPbc | 09:04:48.169 | | 35.2 | 2.12 | TAS | m_e |
| BRG | 147.10 | PKPbc | 09:03:56.549 | 0.1 | 34.2 | 2.57 | TAS | m_e |
| BSEG | 145.84 | PKPbc | 09:03:52.952 | -0.5 | 34.2 | 2.57 | TAS | m_e |
| BUG | 148.92 | PKPdf | 09:03:57.034 | | 34.2 | 0.91 | TAS | m_e |
| BUG | 148.92 | PKPbc | 09:04:01.242 | -0.1 | 34.2 | 2.57 | TAS | m_e |
| BUG | 148.92 | PKPab | 09:04:04.759 | | 33.4 | 4.26 | TAS | m_e |
| CLL | 147.12 | PKPbc | 09:03:56.520 | -0.1 | 34.2 | 2.57 | TAS | m_e |
| CLZ | 147.61 | PKPdf | 09:03:55.734 | | 34.2 | 0.91 | TAS | m_e |
| CLZ | 147.61 | PKPbc | 09:03:58.416 | 0.1 | 34.2 | 2.57 | TAS | m_e |
| FLT1 | 146.91 | PKPbc | 09:03:55.795 | -0.1 | 34.2 | 2.57 | TAS | m_e |
| FUR | 150.31 | PKPbc | 09:04:04.821 | 0.1 | 34.2 | 2.57 | TAS | m_e |
| FUR | 150.31 | PKPab | 09:04:11.610 | | 33.4 | 4.26 | TAS | m_e |
| FUR | 150.31 | pPKPbc | 09:04:45.937 | | 35.2 | 2.12 | TAS | m_e |
| GEC2 | 148.77 | PKPdf | 09:03:56.872 | | 34.2 | 0.91 | TAS | m_e |
| GEC2 | 148.77 | PKPbc | 09:04:01.088 | 0.2 | 34.2 | 2.57 | TAS | m_e |
| GEC2 | 148.77 | PKPab | 09:04:04.522 | | 33.4 | 4.26 | TAS | m_e |
| GEC2 | 148.77 | pPKPbc | 09:04:43.148 | | 35.2 | 2.12 | TAS | m_e |
| GOR1 | 146.34 | PKPbc | 09:03:54.837 | -0.3 | 34.2 | 2.57 | TAS | m_e |
| GRA1 | 149.10 | PKPbc | 09:04:02.139 | 0.2 | 34.2 | 2.57 | TAS | m_e |
| GRA1 | 149.10 | PKPab | 09:04:06.299 | | 33.4 | 4.26 | TAS | m_e |
| GTTG | 148.00 | PKPbc | 09:03:59.354 | 0.3 | 34.2 | 2.57 | TAS | m_e |
| IBBN | 148.01 | PKPbc | 09:03:59.054 | 0.4 | 34.2 | 2.57 | TAS | m_e |
| KAST | 148.79 | PKPbc | 09:04:01.139 | -0.2 | 34.2 | 2.57 | TAS | m_e |
| KAST | 148.79 | pPKPbc | 09:04:43.275 | | 35.2 | 2.12 | TAS | m_e |
| MOX | 148.17 | PKPdf | 09:03:56.140 | | 34.2 | 0.91 | TAS | m_e |
| MOX | 148.17 | PKPbc | 09:03:59.381 | 0.1 | 34.2 | 2.57 | TAS | m_e |
| NEUB | 147.67 | PKPbc | 09:03:58.172 | -0.1 | 34.2 | 2.57 | TAS | m_e |
| PLN | 148.10 | PKPbc | 09:03:59.448 | 0.0 | 34.2 | 2.57 | TAS | m_e |
| RETH | 147.16 | PKPbc | 09:03:56.720 | -0.1 | 34.2 | 2.57 | TAS | m_e |
| RUE | 145.90 | PKPbc | 09:03:53.108 | -0.4 | 34.2 | 2.57 | TAS | m_e |
| STU | 150.61 | PKPbc | 09:04:05.682 | 0.3 | 34.2 | 2.57 | TAS | m_e |
| TANN | 148.04 | PKPdf | 09:03:56.303 | | 34.2 | 0.91 | TAS | m_e |
| TANN | 148.04 | PKPbc | 09:03:59.369 | 0.3 | 34.2 | 2.57 | TAS | m_e |
| TANN | 148.04 | pPKPbc | 09:04:40.786 | | 35.2 | 2.12 | TAS | m_e |
| TNS | 149.63 | PKPbc | 09:04:03.343 | -0.1 | 34.2 | 2.57 | TAS | m_e |
| UBR | 151.17 | PKPbc | 09:04:06.627 | -0.5 | 34.2 | 2.57 | TAS | m_e |
| UBR | 151.17 | PKPab | 09:04:14.666 | | 33.4 | 4.26 | TAS | m_e |
| WET | 148.88 | PKPdf | 09:03:56.953 | | 34.2 | 0.91 | TAS | m_e |
| WET | 148.88 | PKPbc | 09:04:01.482 | 0.4 | 34.2 | 2.57 | TAS | m_e |
| WET | 148.88 | pPKPbc | 09:04:43.788 | | 35.2 | 2.12 | TAS | m_e |
| WLF | 150.83 | PKPbc | 09:04:06.590 | -0.5 | 34.2 | 2.57 | TAS | m_e |
| WLF | 150.83 | PKPab | 09:04:13.778 | | 33.4 | 4.26 | TAS | m_e |
| WLF | 150.83 | pPKPbc | 09:04:47.536 | | 35.2 | 2.12 | TAS | m_e |

Event 917003 Eastern Honshu, Japan
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/09/17 00:18:02.20 39.4600 141.9100 69.0 81.07 81.07 m i ke EMSC
917035

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 917009

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 81.07 P 00:30:09.620 36.4 4.44 TAS 8.0 1.10 m_e mb 4.7

Event 918006 Dodecanese Islands, Greece
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/09/18 16:28:25.79 2.57 1.33 36.0900 25.0900 81.2 72.3 12 33.0 22 343 15.24 20.59 m i ke BGR
918012

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 918012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
BFO 17.38 P 16:32:28.584 -0.3 139.1 11.09 TAS 73.5 0.90 m_e mb 4.8
BRG 16.81 P 16:32:22.267 0.0 139.1 11.09 TAS 59.1 0.94 m_e mb 4.7
BSEG 20.59 P 16:33:03.757 139.1 11.09 TAS 67.7 0.74 m_e mb 5.1
BUG 19.94 P 16:32:58.158 139.1 11.09 TAS 82.4 0.91 m_e mb 5.0
CLL 17.50 P 16:32:29.768 -0.1 139.1 11.09 TAS 59.5 0.85 m_e mb 4.7
CLZ 18.91 P 16:32:45.678 2.1 139.1 11.09 TAS 98.0 1.21 m_e mb 4.9
FLT1 18.97 P 16:32:45.945 0.4 139.1 11.09 TAS 63.1 0.86 m_e mb 4.9
FUR 15.79 P 16:32:12.733 1.3 139.1 11.09 TAS 103.7 0.94 m_e mb 4.9
GEC2 15.24 P 16:32:04.304 -1.5 139.1 11.09 TAS 58.7 0.77 m_e 5.0
GRA1 16.93 P 16:32:25.274 0.7 139.1 11.09 TAS 105.5 0.82 m_e mb 5.1
GTTG 18.85 P 16:32:46.079 -0.6 139.1 11.09 TAS 124.2 0.91 m_e mb 4.7
IBBN 20.33 P 16:33:01.108 139.1 11.09 TAS 37.1 0.79 m_e mb 4.8
KAST 19.25 P 16:32:49.735 -1.3 139.1 11.09 TAS 54.7 0.85 m_e mb 4.6
MOX 17.49 P 16:32:30.629 -4.9 139.1 11.09 TAS 37.9 0.74 m_e mb 5.0
RGN 20.17 P 16:32:59.946 139.1 11.09 TAS 74.2 0.77 m_e mb 5.2
STU 17.22 P 16:32:25.789 1.2 139.1 11.09 TAS 143.9 0.70 m_e mb 4.7
TANN 16.97 P 16:32:25.758 0.8 139.1 11.09 TAS 62.6 0.93 m_e mb 5.0
TNS 18.56 P 16:32:42.697 -0.7 139.1 11.09 TAS 95.2 0.87 m_e mb m_e
UBBA 18.29 P 16:32:34.798 -0.8 139.1 11.09 TAS m_e
UBR 16.04 P 16:32:13.752 0.6 139.1 11.09 TAS 132.1 0.80 m_e mb 5.1
WET 15.81 P 16:32:12.414 0.3 139.1 11.09 TAS 50.1 0.91 m_e
WLF 19.33 P 16:32:51.244 -0.4 139.1 11.09 TAS 121.2 0.81 m_e mb 5.2

Event 918007 Hindu Kush, Afghanistan, region

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/18 | 17:47:53.37 | | | 35.0230 | 70.5800 | | | | 33.0 | | | 14 | | 43.26 | 48.33 | m i ke | BGR |
| OrigID 918013 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 4.7 | | BGR | 918013 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|--------|-----------|
| BRG | 43.26 | | P | 17:55:51.191 | -0.3 | 85.7 | | 7.95 | | TAS | | 6.8 | 0.74 | m_e mb | 4.5 |
| BSEG | 45.43 | | P | 17:56:06.313 | | 85.7 | | 7.95 | | TAS | | 10.5 | 0.79 | m_e mb | 4.8 |
| CLL | 43.84 | | P | 17:55:54.987 | 0.8 | 85.7 | | 7.95 | | TAS | | 7.2 | 0.65 | m_e mb | 4.5 |
| CLZ | 45.46 | | P | 17:56:07.133 | | 85.7 | | 7.95 | | TAS | | 5.8 | 0.77 | m_e mb | 4.6 |
| FLT1 | 44.91 | | P | 17:56:02.373 | 0.2 | 85.7 | | 7.95 | | TAS | | 13.3 | 0.68 | m_e mb | 5.0 |
| GEC2 | 43.50 | | P | 17:55:54.292 | -1.1 | 85.7 | | 7.95 | | TAS | | 4.4 | 0.83 | m_e mb | 4.2 |
| GTTG | 45.73 | | P | 17:56:10.250 | | 85.7 | | 7.95 | | TAS | | 22.2 | 1.00 | m_e mb | 5.2 |
| IBBN | 47.04 | | P | 17:56:24.009 | | 85.7 | | 7.95 | | TAS | | 11.7 | 0.87 | m_e mb | 5.0 |
| KAST | 46.72 | | P | 17:56:19.208 | | 85.7 | | 7.95 | | TAS | | 3.0 | 0.84 | m_e mb | 4.5 |
| MOX | 44.74 | | P | 17:56:03.715 | 0.1 | 85.7 | | 7.95 | | TAS | | 3.8 | 0.75 | m_e mb | 4.4 |
| RGN | 43.67 | | P | 17:55:55.530 | 0.8 | 85.7 | | 7.95 | | TAS | | 38.6 | 0.87 | m_e mb | 5.2 |
| UBR | 45.99 | | P | 17:56:13.227 | | 85.7 | | 7.95 | | TAS | | 6.5 | 0.83 | m_e mb | 4.7 |
| WET | 44.02 | | P | 17:55:58.421 | 0.3 | 85.7 | | 7.95 | | TAS | | 2.8 | 0.79 | m_e mb | 4.0 |
| WLF | 48.33 | | P | 17:56:31.627 | | 85.7 | | 7.95 | | TAS | | 7.6 | 0.73 | m_e mb | 4.9 |

Event 918010 Central Mid-Atlantic Ridge

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/18 | 21:44:01.75 | | | 1.1100 | -25.9300 | | | | 10.0 | | | 22 | | 55.57 | 60.96 | m i ke | BGR |
| OrigID 918016 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.8 | | BGR | 918016 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|-------|------|--------|-----------|
| ASSE | 59.36 | | P | 21:54:04.465 | -0.2 | 224.8 | | 6.98 | | TAS | | 33.1 | 0.84 | m_e mb | 5.4 |
| BFO | 55.57 | | P | 21:53:37.797 | -0.4 | 224.8 | | 6.98 | | TAS | | 45.3 | 0.88 | m_e mb | 5.5 |
| BRG | 59.95 | | P | 21:54:08.542 | | 224.8 | | 6.98 | | TAS | | 110.0 | 1.13 | m_e mb | 5.8 |
| BSEG | 60.53 | | P | 21:54:12.497 | | 224.8 | | 6.98 | | TAS | | 230.3 | 0.95 | m_e mb | 6.0 |
| BUG | 57.43 | | P | 21:53:51.106 | -0.1 | 224.8 | | 6.98 | | TAS | | 116.3 | 1.07 | m_e mb | 5.8 |
| CLL | 59.81 | | P | 21:54:07.745 | | 224.8 | | 6.98 | | TAS | | 89.9 | 1.20 | m_e mb | 5.7 |
| CLZ | 59.03 | | P | 21:54:02.360 | -0.2 | 224.8 | | 6.98 | | TAS | | 83.1 | 1.26 | m_e mb | 5.6 |
| FLT1 | 59.75 | | P | 21:54:07.207 | 0.3 | 224.8 | | 6.98 | | TAS | | 40.5 | 0.82 | m_e mb | 5.5 |
| FUR | 56.83 | | P | 21:53:46.981 | 0.0 | 224.8 | | 6.98 | | TAS | | 168.0 | 0.97 | m_e mb | 6.0 |

| | | | | | | | | | | | | |
|------|-------|---|--------------|------|-------|------|-----|-------|------|-----|----|-----|
| GEC2 | 58.48 | P | 21:53:58.433 | 0.0 | 224.8 | 6.98 | TAS | 139.9 | 1.15 | m_e | mb | 5.9 |
| GRA1 | 57.87 | P | 21:53:54.192 | 0.3 | 224.8 | 6.98 | TAS | 233.4 | 1.26 | m_e | mb | 6.1 |
| IBBN | 58.28 | P | 21:53:57.290 | -0.2 | 224.8 | 6.98 | TAS | 185.1 | 1.03 | m_e | mb | 6.1 |
| KAST | 57.72 | P | 21:53:53.312 | -0.1 | 224.8 | 6.98 | TAS | 90.7 | 1.09 | m_e | mb | 5.7 |
| MOX | 58.72 | P | 21:54:00.310 | 0.2 | 224.8 | 6.98 | TAS | 210.6 | 1.36 | m_e | mb | 6.0 |
| NEUB | 59.18 | P | 21:54:03.652 | -0.1 | 224.8 | 6.98 | TAS | 115.4 | 0.91 | m_e | mb | 5.9 |
| PLN | 58.86 | P | 21:54:01.011 | 0.2 | 224.8 | 6.98 | TAS | | 0.75 | m_e | | |
| RETH | 59.26 | P | 21:54:04.053 | -0.2 | 224.8 | 6.98 | TAS | | 1.13 | m_e | | |
| RUE | 60.96 | P | 21:54:16.179 | | 224.8 | 6.98 | TAS | 645.2 | 1.33 | m_e | mb | 6.3 |
| TANN | 58.95 | P | 21:54:01.822 | -0.2 | 224.8 | 6.98 | TAS | 162.2 | 1.15 | m_e | mb | 6.0 |
| TNS | 57.01 | P | 21:53:48.430 | 0.1 | 224.8 | 6.98 | TAS | 80.6 | 0.84 | m_e | mb | 5.8 |
| UBR | 55.93 | P | 21:53:40.748 | 0.1 | 224.8 | 6.98 | TAS | 136.4 | 0.90 | m_e | mb | 6.0 |
| WET | 58.28 | P | 21:53:56.872 | 0.1 | 224.8 | 6.98 | TAS | 124.2 | 1.17 | m_e | mb | 5.8 |

Event 919005 Mid-Indian Ridge

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|--------|--------|--------|--------|
| 2020/09/19 | 21:09:32.30 | | | -37.3160 | 77.7210 | | | | 10.0 | | | | | 104.69 | 105.12 | m i ke | NEIC |
| | 919044 | | | | | | | | | | | | | | | | |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| Ms | 5.3 | | BGR | 919011 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|--------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-------|------|-----------|-----|
| GRA1 | 104.69 | | L | 22:19:28.122 | | | | | | T__ | | 746.6 | 19.40 | a_e | Ms | 5.2 |
| MOX | 105.12 | | L | 22:20:50.309 | | | | | | T__ | | 933.6 | 18.70 | a_e | Ms | 5.3 |

Event 920001 Myanmar-India border region

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/20 | 01:59:00.57 | | | 22.7500 | 93.7500 | | | | 33.0 | | | | 22 | 66.24 | 71.47 | m i ke | BGR |
| | 920007 | | | | | | | | | | | | | | | | |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| mb | 5.3 | | BGR | 920007 |
| Ms | 4.1 | | BGR | 920007 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|------|-----------|-----|
| ASSE | 68.17 | | P | 02:09:58.329 | 0.3 | 80.4 | | 6.24 | | TAS | | 3.6 | 0.47 | m_e | mb | 4.9 |
| BFO | 70.37 | | P | 02:10:11.628 | | 80.4 | | 6.24 | | TAS | | 5.1 | 0.78 | m_e | mb | 4.7 |
| BRG | 66.34 | | P | 02:09:47.230 | 0.2 | 80.4 | | 6.24 | | TAS | | 16.5 | 0.76 | m_e | mb | 5.3 |
| BSEG | 68.10 | | P | 02:09:58.566 | 0.6 | 80.4 | | 6.24 | | TAS | | 27.3 | 0.68 | m_e | mb | 5.6 |
| BUG | 70.38 | | P | 02:10:12.513 | | 80.4 | | 6.24 | | TAS | | 14.4 | 0.81 | a_e | mb | 5.2 |

| | | | | | | | | | | | | |
|------|-------|---|--------------|------|------|------|-----|-------|-------|-----|----|-----|
| CLL | 66.87 | P | 02:09:50.055 | 0.2 | 80.4 | 6.24 | TAS | 16.8 | 1.11 | m_e | mb | 5.2 |
| CLZ | 68.40 | P | 02:10:00.392 | -0.3 | 80.4 | 6.24 | TAS | 22.1 | 0.76 | m_e | mb | 5.5 |
| FLT1 | 67.80 | P | 02:09:55.713 | 0.6 | 80.4 | 6.24 | TAS | 7.5 | 0.67 | a_e | mb | 5.0 |
| FUR | 68.48 | P | 02:10:00.713 | 0.2 | 80.4 | 6.24 | TAS | 7.2 | 0.50 | a_e | mb | 5.2 |
| GEC2 | 66.78 | P | 02:09:50.113 | -0.5 | 80.4 | 6.24 | TAS | 19.5 | 0.57 | a_e | mb | 5.5 |
| GRA1 | 68.24 | P | 02:09:59.673 | 0.2 | 80.4 | 6.24 | TAS | 12.0 | 0.80 | m_e | mb | 5.2 |
| GRA1 | 68.24 | L | 02:42:48.040 | | | | T__ | 139.7 | 19.00 | a_e | Ms | 4.2 |
| KAST | 69.72 | P | 02:10:08.183 | | 80.4 | 6.24 | TAS | 5.8 | 0.79 | m_e | mb | 4.8 |
| MOX | 67.83 | P | 02:09:56.604 | -0.3 | 80.4 | 6.24 | TAS | 9.5 | 0.77 | m_e | mb | 5.1 |
| MOX | 67.83 | L | 02:41:10.376 | | | | T__ | 86.8 | 21.70 | a_e | Ms | 3.9 |
| NEUB | 67.65 | P | 02:09:55.313 | -0.6 | 80.4 | 6.24 | TAS | 30.6 | 0.91 | a_e | mb | 5.5 |
| PLN | 67.52 | P | 02:09:54.663 | -0.1 | 80.4 | 6.24 | TAS | | 0.75 | a_e | | |
| RUE | 66.24 | P | 02:09:46.395 | -0.2 | 80.4 | 6.24 | TAS | 46.7 | 0.80 | m_e | mb | 5.8 |
| STU | 69.72 | P | 02:10:08.463 | | 80.4 | 6.24 | TAS | 38.1 | 0.60 | m_e | mb | 5.7 |
| TANN | 67.34 | P | 02:09:53.539 | 0.1 | 80.4 | 6.24 | TAS | 9.6 | 0.73 | m_e | mb | 5.1 |
| TNS | 69.90 | P | 02:10:09.450 | | 80.4 | 6.24 | TAS | 19.0 | 0.80 | m_e | mb | 5.3 |
| UBR | 69.34 | P | 02:10:05.513 | 0.1 | 80.4 | 6.24 | TAS | 13.8 | 0.64 | m_e | mb | 5.3 |
| WET | 67.26 | P | 02:09:53.213 | 0.1 | 80.4 | 6.24 | TAS | 8.8 | 0.65 | a_e | mb | 5.1 |
| WLF | 71.47 | P | 02:10:19.629 | | 80.4 | 6.24 | TAS | 50.0 | 0.90 | m_e | mb | 5.6 |

Event 920002 Northwestern Balkan Peninsula

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/20 | 10:59:02.72 | 0.69 | 1.11 | 43.9820 | 16.1570 | 12.2 | 11.1 | 73 | 10.0 | | | 17 | 301 | 4.43 | 6.63 | m i ke | BGR |
| OrigID 920008 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 4.2 | | BGR | 920008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BE1 | 5.22 | | Pn | 11:00:18.873 | -0.2 | | | | | T__ | | | | m_e | ML 4.7 |
| CKRC | 5.00 | | Sn | 11:01:09.633 | 0.3 | | | | | T__ | | | | m_e | |
| CKRC | 5.00 | | Pn | 11:00:16.917 | 0.8 | | | | | T__ | | | | m_e | ML 4.3 |
| FUR | 5.38 | | Pn | 11:00:20.912 | -0.3 | | | | | T__ | | | | m_e | ML 4.7 |
| GEC2 | 5.15 | | Sn | 11:01:11.875 | -0.9 | | | | | T__ | | | | m_e | |
| GEC2 | 5.15 | | Pn | 11:00:17.573 | -0.5 | | | | | T__ | | | | m_e | ML 4.3 |
| GRA1 | 6.63 | | Sn | 11:01:44.147 | -3.3 | | | | | T__ | | | | m_e | ML 4.7 |
| JAVC | 4.99 | | Pn | 11:00:16.541 | 0.7 | | | | | T__ | | | | m_e | ML 3.9 |
| KHC | 5.45 | | Sn | 11:01:18.648 | -1.0 | | | | | T__ | | | | m_e | |
| KHC | 5.45 | | Pn | 11:00:21.845 | -0.2 | | | | | T__ | | | | m_e | ML 4.2 |
| KRUC | 5.08 | | Sn | 11:01:10.113 | -1.1 | | | | | T__ | | | | m_e | |
| KRUC | 5.08 | | Pn | 11:00:16.810 | -0.3 | | | | | T__ | | | | m_e | ML 4.2 |
| KW1 | 4.82 | | Sn | 11:01:06.694 | 1.6 | | | | | T__ | | | | m_e | |
| KW1 | 4.82 | | Pn | 11:00:13.861 | 0.2 | | | | | T__ | | | | m_e | ML 4.4 |
| MORC | 5.87 | | Pn | 11:00:28.030 | 0.2 | | | | | T__ | | | | m_e | ML 4.5 |
| OKC | 6.01 | | Pn | 11:00:30.087 | 0.4 | | | | | T__ | | | | m_e | ML 3.6 |

| | | | | | | | |
|------|------|----|--------------|------|-----|--------|-----|
| PART | 4.98 | Pn | 11:00:16.231 | 0.4 | T__ | m_e ML | 4.3 |
| RJOB | 4.43 | Sn | 11:00:58.668 | 2.8 | T__ | m_e | |
| RJOB | 4.43 | Pn | 11:00:08.359 | 0.0 | T__ | m_e ML | 4.0 |
| ROTZ | 6.38 | Sn | 11:01:42.355 | 0.7 | T__ | m_e | |
| ROTZ | 6.38 | Pn | 11:00:33.421 | -1.3 | T__ | m_e ML | 4.3 |
| UBR | 5.61 | Pn | 11:00:23.923 | -0.4 | T__ | m_e ML | 4.7 |
| VRAC | 5.33 | Sn | 11:01:18.348 | 1.3 | T__ | m_e | |
| VRAC | 5.33 | Pn | 11:00:20.199 | -0.4 | T__ | m_e ML | 3.5 |
| ZUGS | 4.99 | Pn | 11:00:16.508 | 0.6 | T__ | m_e ML | 3.9 |

Event 921003 Lake Baykal, Russia, region

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/21 | 18:05:03.88 | | | 51.7710 | 103.2020 | | | | 33.0 | | | 25 | | 50.33 | 56.68 | m i ke | BGR |
| | 921009 | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.3 | | BGR | 921009 |
| Ms | 5.2 | | BGR | 921009 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-------|--------|-----------|
| ASSE | 53.06 | | P | 18:14:16.211 | 0.3 | 49.7 | | 7.29 | | TAS | | 63.3 | 1.53 | a_e mb | 5.3 |
| BFO | 56.68 | | P | 18:14:42.361 | | 49.7 | | 7.29 | | TAS | | 67.9 | 1.64 | m_e mb | 5.4 |
| BRG | 52.26 | | P | 18:14:10.311 | -0.4 | 49.7 | | 7.29 | | TAS | | 17.4 | 0.79 | a_e mb | 5.0 |
| BSEG | 52.10 | | P | 18:14:09.311 | 0.5 | 49.7 | | 7.29 | | TAS | | 56.6 | 1.38 | a_e mb | 5.3 |
| BUG | 55.12 | | P | 18:14:31.111 | -0.3 | 49.7 | | 7.29 | | TAS | | 18.4 | 0.96 | a_e mb | 5.1 |
| CLL | 52.45 | | P | 18:14:11.630 | -0.5 | 49.7 | | 7.29 | | TAS | | 24.5 | 0.67 | m_e mb | 5.3 |
| CLZ | 53.39 | | P | 18:14:18.961 | 0.0 | 49.7 | | 7.29 | | TAS | | 26.7 | 0.98 | a_e mb | 5.1 |
| FLT1 | 52.66 | | P | 18:14:12.928 | -0.1 | 49.7 | | 7.29 | | TAS | | 37.8 | 1.35 | m_e mb | 5.2 |
| FUR | 55.32 | | P | 18:14:33.530 | -0.6 | 49.7 | | 7.29 | | TAS | | 37.9 | 0.65 | m_e mb | 5.6 |
| GEC2 | 53.65 | | P | 18:14:21.041 | -0.2 | 49.7 | | 7.29 | | TAS | | 23.4 | 1.28 | m_e mb | 5.1 |
| GRA1 | 54.35 | | P | 18:14:26.411 | 0.1 | 49.7 | | 7.29 | | TAS | | 115.2 | 1.52 | a_e mb | 5.7 |
| GRA1 | 54.35 | | L | 18:38:56.848 | | | | | | T__ | | 1698.9 | 19.50 | a_e Ms | 5.1 |
| GTTG | 53.77 | | P | 18:14:21.861 | 0.3 | 49.7 | | 7.29 | | TAS | | 36.7 | 0.97 | a_e mb | 5.4 |
| IBBN | 54.32 | | P | 18:14:25.011 | 0.1 | 49.7 | | 7.29 | | TAS | | 54.4 | 1.34 | a_e mb | 5.4 |
| KAST | 54.73 | | P | 18:14:28.561 | 0.6 | 49.7 | | 7.29 | | TAS | | 37.8 | 1.60 | a_e mb | 5.2 |
| MOX | 53.55 | | P | 18:14:20.111 | 0.3 | 49.7 | | 7.29 | | TAS | | 24.4 | 0.84 | a_e mb | 5.3 |
| MOX | 53.55 | | L | 18:35:25.878 | | | | | | T__ | | 2433.5 | 18.90 | a_e Ms | 5.3 |
| NEUB | 53.12 | | P | 18:14:16.411 | 0.2 | 49.7 | | 7.29 | | TAS | | 25.4 | 0.82 | a_e mb | 5.2 |
| PLN | 53.38 | | P | 18:14:18.861 | 0.3 | 49.7 | | 7.29 | | TAS | | 6.0 | 0.84 | a_e mb | 4.5 |
| RETH | 53.30 | | P | 18:14:18.111 | -0.0 | 49.7 | | 7.29 | | TAS | | 70.6 | 1.51 | a_e mb | 5.4 |
| RGN | 50.33 | | P | 18:13:56.105 | -0.0 | 49.7 | | 7.29 | | TAS | | 66.4 | 1.07 | m_e mb | 5.5 |
| RUE | 51.35 | | P | 18:14:03.791 | -0.2 | 49.7 | | 7.29 | | TAS | | 45.2 | 1.02 | m_e mb | 5.3 |
| STU | 55.96 | | P | 18:14:37.430 | | 49.7 | | 7.29 | | TAS | | 101.4 | 0.79 | m_e mb | 5.9 |
| TANN | 53.28 | | P | 18:14:18.061 | 0.1 | 49.7 | | 7.29 | | TAS | | 15.7 | 1.08 | a_e mb | 4.9 |
| TNS | 55.36 | | P | 18:14:33.311 | -0.2 | 49.7 | | 7.29 | | TAS | | 19.2 | 1.01 | a_e mb | 5.1 |

| | | | | | | | | | | | | |
|-----|-------|---|--------------|------|------|------|------|------|------|-----|-----|-----|
| UBR | 56.23 | P | 18:14:39.370 | 49.7 | 7.29 | TAS | 47.5 | 1.63 | m_e | mb | 5.3 | |
| WET | 53.88 | P | 18:14:22.761 | 0.5 | 49.7 | 7.29 | TAS | 49.7 | 1.44 | a_e | mb | 5.3 |

Event 922006 Southern Iran

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/22 | 19:43:31.90 | | | 27.4000 | 55.4200 | | | | 10.0 | | | 10 | | 39.08 | 43.53 | m i ke | EMSC |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| mb | 4.2 | | BGR | 922012 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|------|------|------|-----------|-----|
| ASSE | 41.42 | | P | 19:51:22.066 | | 106.8 | | 8.82 | | TAS | | 7.3 | 1.05 | m_e | mb | 4.3 |
| BRG | 39.08 | | P | 19:50:59.330 | -0.8 | 106.8 | | 8.82 | | TAS | | 3.8 | 0.87 | m_e | mb | 4.0 |
| CLL | 39.78 | | P | 19:51:05.639 | -0.9 | 106.8 | | 8.82 | | TAS | | 4.9 | 0.94 | m_e | mb | 4.1 |
| CLZ | 41.51 | | P | 19:51:20.180 | | 106.8 | | 8.82 | | TAS | | 8.0 | 0.69 | m_e | mb | 4.6 |
| FLT1 | 41.16 | | P | 19:51:16.739 | | 106.8 | | 8.82 | | TAS | | 12.6 | 1.03 | m_e | mb | 4.6 |
| GRA1 | 40.35 | | P | 19:51:09.666 | -1.1 | 106.8 | | 8.82 | | TAS | | 4.4 | 0.70 | m_e | mb | 4.2 |
| KAST | 42.49 | | P | 19:51:28.002 | | 106.8 | | 8.82 | | TAS | | 4.3 | 1.08 | m_e | mb | 4.1 |
| UBR | 40.54 | | P | 19:51:10.846 | | 106.8 | | 8.82 | | TAS | | 4.8 | 0.76 | m_e | mb | 4.3 |
| WET | 39.15 | | P | 19:50:58.474 | 0.2 | 106.8 | | 8.82 | | TAS | | 1.3 | 0.73 | m_e | mb | 3.6 |
| WLF | 43.53 | | P | 19:51:37.669 | | 106.8 | | 8.82 | | TAS | | 7.6 | 1.03 | m_e | mb | 4.4 |

Event 923005 Greece-Albania border region

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/23 | 23:25:05.22 | 0.54 | 1.16 | 40.5170 | 20.1690 | 21.1 | 8.9 | 50 | 10.0 | | | 28 | 336 | 7.25 | 12.71 | m i ke | BGR |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 4.3 | | BGR | 923011 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | | |
|-------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|--|-----|
| ARSA | 7.52 | | Pn | 23:26:52.276 | -0.2 | | | | | T__ | | | | m_e | | | |
| BALST | 11.27 | | Sn | 23:29:39.095 | 0.9 | | | | | T__ | | | | m_e | | | |
| BALST | 11.27 | | Pn | 23:27:42.738 | -0.3 | | | | | T__ | | | | m_e | | | |
| BE1 | 9.78 | | Pn | 23:27:23.447 | 0.5 | | | | | T__ | | | | m_e | | | |
| BERGE | 11.31 | | Pn | 23:27:43.438 | -0.0 | | | | | T__ | | | | m_e | | | |
| BFO | 11.50 | | Sn | 23:29:40.890 | -2.6 | | | | | T__ | | | | m_e | | | |
| BFO | 11.50 | | Pn | 23:27:45.015 | -1.1 | | | | | T__ | | | | m_e | | | |
| BIOA | 8.57 | | Sn | 23:28:35.078 | -0.0 | | | | | T__ | | | | m_e | | | |
| BIOA | 8.57 | | Pn | 23:27:06.568 | -0.1 | | | | | T__ | | | | m_e | ML | | 4.3 |

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 924007

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|------|------|--------|-----------|
| BFO | 53.75 | | P | 00:37:13.282 | -1.9 | 217.1 | | 6.12 | | TAS | | 6.1 | 0.89 | m_e mb | 4.6 |
| BRG | 57.98 | | P | 00:37:41.429 | | 217.1 | | 6.12 | | TAS | | 3.0 | 0.92 | m_e mb | 4.3 |
| CLL | 57.94 | | P | 00:37:38.833 | | 217.1 | | 6.12 | | TAS | | 4.0 | 0.90 | m_e mb | 4.4 |
| FUR | 54.78 | | P | 00:37:20.961 | | 217.1 | | 6.12 | | TAS | | 12.8 | 0.90 | m_e mb | 5.0 |
| GEC2 | 56.32 | | P | 00:37:28.661 | | 217.1 | | 6.12 | | TAS | | 3.9 | 0.87 | m_e mb | 4.4 |
| GRA1 | 55.97 | | P | 00:37:28.092 | 0.1 | 217.1 | | 6.12 | | TAS | | 6.3 | 0.78 | m_e mb | 4.7 |
| MOX | 56.88 | | P | 00:37:34.222 | | 217.1 | | 6.12 | | TAS | | 5.0 | 0.68 | m_e mb | 4.7 |
| TANN | 57.03 | | P | 00:37:34.718 | | 217.1 | | 6.12 | | TAS | | 5.1 | 0.78 | m_e mb | 4.6 |
| TNS | 55.36 | | P | 00:37:26.586 | -0.6 | 217.1 | | 6.12 | | TAS | | 8.7 | 0.72 | m_e mb | 4.9 |
| UBR | 53.92 | | P | 00:37:16.926 | 1.1 | 217.1 | | 6.12 | | TAS | | 7.0 | 0.71 | m_e mb | 4.8 |
| WET | 56.21 | | P | 00:37:28.774 | 1.3 | 217.1 | | 6.12 | | TAS | | 11.2 | 1.08 | m_e mb | 4.8 |

Event 925006 Eastern Kashmir

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/25 10:57:22.19 34.8060 77.8930 33.0 9 48.02 52.09 m i ke BGR
 925012

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 925012
 Ms 4.8 BGR 925012

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|--------|-------|--------|-----------|
| BRG | 48.02 | | P | 11:05:57.408 | -1.0 | 87.8 | | 6.72 | | TAS | | 13.2 | 0.80 | m_e mb | 5.1 |
| BSEG | 49.89 | | P | 11:06:13.230 | | 87.8 | | 6.72 | | TAS | | 21.3 | 0.73 | m_e mb | 5.2 |
| BUG | 52.09 | | P | 11:06:30.282 | | 87.8 | | 6.72 | | TAS | | 37.1 | 1.27 | m_e mb | 5.2 |
| CLZ | 50.11 | | P | 11:06:14.487 | | 87.8 | | 6.72 | | TAS | | 27.0 | 1.16 | m_e mb | 5.1 |
| FLT1 | 49.52 | | P | 11:06:08.205 | 0.8 | 87.8 | | 6.72 | | TAS | | 28.0 | 0.96 | m_e mb | 5.2 |
| FUR | 50.13 | | P | 11:06:14.409 | | 87.8 | | 6.72 | | TAS | | 101.1 | 1.50 | m_e mb | 5.5 |
| GEC2 | 48.43 | | P | 11:06:00.616 | 1.7 | 87.8 | | 6.72 | | TAS | | 41.2 | 1.61 | m_e mb | 5.3 |
| GRA1 | 49.90 | | P | 11:06:13.547 | | 87.8 | | 6.72 | | TAS | | 37.4 | 1.30 | m_e mb | 5.2 |
| GRA1 | 49.90 | | L | 11:30:32.897 | | | | | | T__ | | 925.7 | 19.30 | a_e Ms | 4.8 |
| GTTG | 50.41 | | P | 11:06:14.997 | | 87.8 | | 6.72 | | TAS | | 47.6 | 1.17 | m_e mb | 5.3 |
| MOX | 49.51 | | P | 11:06:08.118 | | 87.8 | | 6.72 | | TAS | | 12.3 | 0.79 | m_e mb | 4.9 |
| MOX | 49.51 | | L | 11:29:34.619 | | | | | | T__ | | 1143.5 | 20.90 | a_e Ms | 4.8 |
| PLN | 49.19 | | P | 11:06:06.548 | | 87.8 | | 6.72 | | TAS | | 6.1 | 1.32 | m_e mb | 4.5 |
| TANN | 49.01 | | P | 11:06:05.171 | | 87.8 | | 6.72 | | TAS | | 40.4 | 1.68 | m_e mb | 5.2 |
| TNS | 51.57 | | P | 11:06:24.565 | | 87.8 | | 6.72 | | TAS | | 24.4 | 1.24 | m_e mb | 5.0 |
| WET | 48.92 | | P | 11:06:04.064 | | 87.8 | | 6.72 | | TAS | | 40.6 | 1.71 | m_e mb | 5.2 |

Event 926001 Prince Edward Islands, South Africa, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/09/26 17:10:17.11 -48.2000 37.0200 10.0 29 98.37 104.98 m i ke BGR
 926007

Magnitude Err Nsta Author OrigID
 Ms 6.2 BGR 926007

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|--------|------|-------|--------------|------|-------|-------|-------|------|-----|-----|--------|-------|--------|-----------|
| ASSE | 102.50 | | Pdiff | 17:24:16.315 | | 165.6 | | 4.79 | | TAS | | | | | m_e |
| ASSE | 102.50 | | PS | 17:37:40.797 | 0.5 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| ASSE | 102.50 | | SS | 17:43:02.645 | 0.0 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| BFO | 99.36 | | Pdiff | 17:24:01.225 | -0.1 | 165.6 | | 4.79 | | TAS | | | | | m_e |
| BFO | 99.36 | | PP | 17:27:58.947 | -1.5 | 165.1 | | 8.06 | | TAS | | | | | m_e |
| BFO | 99.36 | | PS | 17:37:06.544 | -0.6 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| BFO | 99.36 | | SS | 17:42:15.301 | 3.1 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| BRG | 100.71 | | Pdiff | 17:24:08.505 | 1.6 | 165.6 | | 4.79 | | TAS | | | | | m_e |
| BRG | 100.71 | | PS | 17:37:25.985 | 1.1 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| BRG | 100.71 | | SS | 17:42:33.353 | -0.2 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| BSEG | 104.28 | | PP | 17:28:41.926 | | 165.1 | | 8.06 | | TAS | | | | | m_e |
| BSEG | 104.28 | | PS | 17:37:51.503 | -6.4 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| BSEG | 104.28 | | SS | 17:43:32.139 | 2.9 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| BUG | 102.53 | | PS | 17:37:42.649 | 4.5 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| BUG | 102.53 | | SS | 17:43:01.150 | 0.5 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| CLL | 101.29 | | Pdiff | 17:24:13.225 | | 165.6 | | 4.79 | | TAS | | | | | m_e |
| CLL | 101.29 | | PP | 17:28:15.316 | | 165.1 | | 8.06 | | TAS | | | | | m_e |
| CLL | 101.29 | | PS | 17:37:32.465 | 2.5 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| CLL | 101.29 | | SS | 17:42:44.462 | -1.4 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| CLZ | 102.28 | | PS | 17:37:39.408 | 1.5 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| CLZ | 102.28 | | SS | 17:42:59.421 | -0.7 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| FLT1 | 102.58 | | PP | 17:28:26.940 | | 165.1 | | 8.06 | | TAS | | | | | m_e |
| FLT1 | 102.58 | | PS | 17:37:41.723 | 0.1 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| FLT1 | 102.58 | | SS | 17:43:04.211 | 1.7 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| FUR | 98.60 | | PP | 17:27:54.769 | -0.0 | 165.1 | | 8.06 | | TAS | | | | | m_e |
| FUR | 98.60 | | PS | 17:37:00.064 | -1.6 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| GEC2 | 98.80 | | Pdiff | 17:24:00.126 | 0.4 | 165.6 | | 4.79 | | TAS | | | | | m_e |
| GEC2 | 98.80 | | PP | 17:27:59.397 | 2.4 | 165.1 | | 8.06 | | TAS | | | | | m_e |
| GEC2 | 98.80 | | PS | 17:37:04.230 | -1.3 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| GEC2 | 98.80 | | SS | 17:42:11.135 | -1.2 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| GOR1 | 103.20 | | PS | 17:37:40.329 | -7.5 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| GOR1 | 103.20 | | SS | 17:43:08.069 | -0.6 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| GRA1 | 100.07 | | Pdiff | 17:24:05.368 | -0.5 | 165.6 | | 4.79 | | TAS | | | | | m_e |
| GRA1 | 100.07 | | PP | 17:28:07.903 | 1.1 | 165.1 | | 8.06 | | TAS | | | | | m_e |
| GRA1 | 100.07 | | PS | 17:37:16.727 | 0.4 | 169.4 | | 9.72 | | TAS | | | | | m_e |
| GRA1 | 100.07 | | SS | 17:42:27.799 | 1.6 | 165.1 | | 14.28 | | TAS | | | | | m_e |
| GRA1 | 100.07 | | L | 18:09:24.415 | | | | | | T__ | | 8188.9 | 22.00 | a_e Ms | 6.2 |
| GTTG | 102.08 | | Pdiff | 17:24:16.402 | | 165.6 | | 4.79 | | TAS | | | | | m_e |

| | | | | | | | | | |
|------|--------|-------|--------------|------|-------|-------|-----|--------------|------------|
| GTTG | 102.08 | PS | 17:37:36.631 | 1.1 | 169.4 | 9.72 | TAS | | m_e |
| GTTG | 102.08 | SS | 17:42:56.331 | -0.0 | 165.1 | 14.28 | TAS | | m_e |
| HLG | 104.98 | PS | 17:38:04.404 | 1.1 | 169.4 | 9.72 | TAS | | m_e |
| HLG | 104.98 | SS | 17:43:36.076 | | 165.1 | 14.28 | TAS | | m_e |
| IBBN | 103.24 | PP | 17:28:31.958 | | 165.1 | 8.06 | TAS | | m_e |
| IBBN | 103.24 | PS | 17:37:46.814 | 1.2 | 169.4 | 9.72 | TAS | | m_e |
| IBBN | 103.24 | SS | 17:43:14.086 | -5.1 | 165.1 | 14.28 | TAS | | m_e |
| KAST | 102.06 | PS | 17:37:38.020 | 3.7 | 169.4 | 9.72 | TAS | | m_e |
| KAST | 102.06 | SS | 17:42:55.227 | -0.0 | 165.1 | 14.28 | TAS | | m_e |
| MOX | 100.91 | Pdiff | 17:24:09.535 | 1.4 | 165.6 | 4.79 | TAS | | m_e |
| MOX | 100.91 | PS | 17:37:25.985 | 1.0 | 169.4 | 9.72 | TAS | | m_e |
| MOX | 100.91 | SS | 17:42:39.833 | 2.8 | 165.1 | 14.28 | TAS | | m_e |
| MOX | 100.91 | L | 18:11:34.198 | | | | T_ | 6538.4 20.00 | a_e Ms 6.1 |
| NEUB | 101.40 | Pdiff | 17:24:12.213 | | 165.6 | 4.79 | TAS | | m_e |
| NEUB | 101.40 | PP | 17:28:16.192 | | 165.1 | 8.06 | TAS | | m_e |
| NEUB | 101.40 | PS | 17:37:31.539 | 1.4 | 169.4 | 9.72 | TAS | | m_e |
| NEUB | 101.40 | SS | 17:42:45.851 | -0.3 | 165.1 | 14.28 | TAS | | m_e |
| PLN | 100.65 | Pdiff | 17:24:08.711 | 0.4 | 165.6 | 4.79 | TAS | | m_e |
| PLN | 100.65 | PS | 17:37:22.745 | -0.2 | 169.4 | 9.72 | TAS | | m_e |
| PLN | 100.65 | SS | 17:42:38.908 | -4.9 | 165.1 | 14.28 | TAS | | m_e |
| RETH | 103.33 | Pdiff | 17:24:20.592 | | 165.6 | 4.79 | TAS | | m_e |
| RETH | 103.33 | PP | 17:28:33.294 | | 165.1 | 8.06 | TAS | | m_e |
| RETH | 103.33 | PS | 17:37:46.352 | -1.3 | 169.4 | 9.72 | TAS | | m_e |
| RETH | 103.33 | SS | 17:43:13.610 | 3.7 | 165.1 | 14.28 | TAS | | m_e |
| RGN | 104.35 | PS | 17:38:03.015 | 2.2 | 169.4 | 9.72 | TAS | | m_e |
| RGN | 104.35 | SS | 17:43:33.527 | -1.6 | 165.1 | 14.28 | TAS | | m_e |
| RUE | 102.28 | PS | 17:37:44.037 | 3.6 | 169.4 | 9.72 | TAS | | m_e |
| RUE | 102.28 | SS | 17:43:01.339 | -0.1 | 165.1 | 14.28 | TAS | | m_e |
| STU | 99.60 | PP | 17:28:02.170 | -0.4 | 165.1 | 8.06 | TAS | | m_e |
| STU | 99.60 | PS | 17:37:10.710 | 0.6 | 169.4 | 9.72 | TAS | | m_e |
| STU | 99.60 | SS | 17:42:19.930 | 0.0 | 165.1 | 14.28 | TAS | | m_e |
| TANN | 100.53 | Pdiff | 17:24:05.414 | -0.0 | 165.6 | 4.79 | TAS | | m_e |
| TANN | 100.53 | PS | 17:37:22.745 | 0.8 | 169.4 | 9.72 | TAS | | m_e |
| TANN | 100.53 | SS | 17:42:36.593 | 2.3 | 165.1 | 14.28 | TAS | | m_e |
| TNS | 101.13 | Pdiff | 17:24:10.565 | -0.8 | 165.6 | 4.79 | TAS | | m_e |
| TNS | 101.13 | PS | 17:37:24.133 | -0.8 | 169.4 | 9.72 | TAS | | m_e |
| TNS | 101.13 | SS | 17:42:44.925 | -0.9 | 165.1 | 14.28 | TAS | | m_e |
| UBBA | 101.38 | PS | 17:37:21.356 | -7.2 | 169.4 | 9.72 | TAS | | m_e |
| UBBA | 101.38 | SS | 17:42:45.388 | -1.7 | 165.1 | 14.28 | TAS | | m_e |
| UBR | 98.37 | PP | 17:27:51.938 | -0.8 | 165.1 | 8.06 | TAS | | m_e |
| UBR | 98.37 | PS | 17:36:57.749 | -0.8 | 169.4 | 9.72 | TAS | | m_e |
| UBR | 98.37 | SS | 17:42:02.803 | -0.0 | 165.1 | 14.28 | TAS | | m_e |
| WET | 99.23 | Pdiff | 17:24:01.996 | -2.5 | 165.6 | 4.79 | TAS | | m_e |
| WET | 99.23 | PP | 17:28:00.709 | 0.4 | 165.1 | 8.06 | TAS | | m_e |
| WET | 99.23 | PS | 17:37:09.321 | 0.0 | 169.4 | 9.72 | TAS | | m_e |
| WET | 99.23 | SS | 17:42:19.467 | -0.3 | 165.1 | 14.28 | TAS | | m_e |
| WLF | 101.11 | PP | 17:28:15.803 | -0.4 | 165.1 | 8.06 | TAS | | m_e |
| WLF | 101.11 | PS | 17:37:23.208 | 0.2 | 169.4 | 9.72 | TAS | | m_e |
| WLF | 101.11 | SS | 17:42:40.759 | -0.2 | 165.1 | 14.28 | TAS | | m_e |

Event 927001 Fox Islands, Aleutian Islands, United States

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/27 | 04:12:18.50 | | | 51.9800 | -169.8100 | | | | 23.0 | | | | | 78.57 | 78.57 | m i ke | EMSC |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.3 | | BGR | 927007 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|--------|-----------|
| GRA1 | 78.57 | | P | 04:24:19.258 | | 0.7 | | 4.92 | | TAS | | 32.9 | 1.08 | m_e mb | 5.3 |

Event 927002 Guatemala

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/27 | 09:40:55.50 | | | 14.2000 | -90.8300 | | | | 101.0 | | | | | 86.89 | 86.89 | m i ke | EMSC |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 4.7 | | BGR | 927008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|-------|-------|------|------|-----|-----|-----|------|--------|-----------|
| GRA1 | 86.89 | | P | 09:53:26.602 | | 288.2 | | 5.54 | | TAS | | 6.8 | 0.97 | m_e mb | 4.7 |

Event 927003 Kashmir-Xizang border region

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|
| 2020/09/27 | 17:27:43.90 | | | 34.2800 | 78.1500 | | | | 10.0 | | | | | 50.40 | 50.40 | m i ke | EMSC |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 4.8 | | BGR | 927009 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|--------|-----------|
| GRA1 | 50.40 | | P | 17:36:44.811 | | 81.2 | | 6.71 | | TAS | | 11.2 | 1.00 | m_e mb | 4.8 |

Event 928004 Fox Islands, Aleutian Islands, United States

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|---------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|---------|--------|
| 2020/09/28 | 02:44:19.40 | | | 51.6060 | -169.5680 | | | | 10.0 | | | 29 | | 74.70 | 81.62 | m i k e | NEIC |
| OrigID 928043 | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| mb | 5.3 | | BGR | 928010 |
| Ms | 4.5 | | BGR | 928010 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|-------|------|-------|--------------|------|------|-------|------|------|-----|-----|-------|-------|------|-----------|
| ASSE | 76.51 | | P | 02:56:08.243 | -0.8 | 0.5 | | 5.61 | | TAS | | 33.8 | 1.27 | a_e | mb 5.3 |
| BFO | 80.29 | | P | 02:56:29.493 | 0.4 | 0.5 | | 5.61 | | TAS | | 48.2 | 1.35 | a_e | mb 5.2 |
| BIOA | 80.91 | | P | 02:56:32.743 | | 0.5 | | 5.61 | | TAS | | 52.8 | 1.24 | m_e | mb 5.4 |
| BRG | 77.72 | | P | 02:56:14.993 | -0.7 | 0.5 | | 5.61 | | TAS | | 37.8 | 1.16 | a_e | mb 5.4 |
| BSEG | 74.70 | | P | 02:55:58.793 | -1.2 | 0.5 | | 5.61 | | TAS | | 51.6 | 1.18 | m_e | mb 5.4 |
| BUG | 77.16 | | P | 02:56:11.743 | -1.5 | 0.5 | | 5.61 | | TAS | | 30.1 | 1.06 | a_e | mb 5.3 |
| CLL | 77.30 | | P | 02:56:12.343 | -0.7 | 0.5 | | 5.61 | | TAS | | 24.7 | 1.11 | a_e | mb 5.2 |
| CLZ | 76.79 | | P | 02:56:10.293 | -0.8 | 0.5 | | 5.61 | | TAS | | 44.8 | 1.19 | a_e | mb 5.5 |
| FETA | 81.62 | | P | 02:56:37.240 | | 0.5 | | 5.61 | | TAS | | 69.8 | 1.20 | m_e | mb 5.7 |
| FLT1 | 76.30 | | P | 02:56:06.543 | -1.1 | 0.5 | | 5.61 | | TAS | | 32.0 | 1.23 | a_e | mb 5.3 |
| FUR | 80.47 | | P | 02:56:30.693 | -1.0 | 0.5 | | 5.61 | | TAS | | 37.4 | 0.97 | a_e | mb 5.4 |
| GEC2 | 79.75 | | P | 02:56:26.543 | -0.6 | 0.5 | | 5.61 | | TAS | | 46.5 | 1.39 | a_e | mb 5.2 |
| GOR1 | 75.64 | | P | 02:56:03.643 | -0.3 | 0.5 | | 5.61 | | TAS | | 0.4 | 0.86 | a_e | mb 3.5 |
| GRA1 | 78.94 | | P | 02:56:22.493 | -0.1 | 0.5 | | 5.61 | | TAS | | 63.9 | 1.18 | a_e | mb 5.5 |
| GRA1 | 78.94 | | L | 03:41:38.574 | | | | | | T__ | | 222.4 | 19.20 | a_e | Ms 4.5 |
| GTTG | 77.09 | | P | 02:56:11.893 | -2.0 | 0.5 | | 5.61 | | TAS | | 49.8 | 1.15 | a_e | mb 5.5 |
| IBBN | 76.30 | | P | 02:56:07.193 | -0.7 | 0.5 | | 5.61 | | TAS | | 53.6 | 1.09 | a_e | mb 5.6 |
| KAST | 77.42 | | P | 02:56:13.443 | 22.1 | 0.5 | | 5.61 | | TAS | | 18.7 | 1.12 | a_e | mb 5.1 |
| MOTA | 81.29 | | P | 02:56:34.955 | | 0.5 | | 5.61 | | TAS | | 77.6 | 1.28 | m_e | mb 5.6 |
| MOX | 77.99 | | P | 02:56:16.693 | -0.3 | 0.5 | | 5.61 | | TAS | | 27.3 | 1.13 | a_e | mb 5.3 |
| MOX | 77.99 | | L | 03:32:50.159 | | | | | | T__ | | 225.7 | 19.80 | a_e | Ms 4.5 |
| NEUB | 77.44 | | P | 02:56:13.493 | -0.3 | 0.5 | | 5.61 | | TAS | | 43.2 | 1.06 | a_e | mb 5.5 |
| PLN | 78.14 | | P | 02:56:17.493 | -1.4 | 0.5 | | 5.61 | | TAS | | 8.8 | 1.31 | a_e | mb 4.7 |
| RETH | 75.89 | | P | 02:56:04.943 | -1.5 | 0.5 | | 5.61 | | TAS | | 26.3 | 1.14 | a_e | mb 5.3 |
| RUE | 76.12 | | P | 02:56:06.043 | -1.6 | 0.5 | | 5.61 | | TAS | | 55.6 | 1.10 | a_e | mb 5.6 |
| STU | 79.86 | | P | 02:56:27.143 | -0.4 | 0.5 | | 5.61 | | TAS | | 125.4 | 1.31 | a_e | mb 5.7 |
| TANN | 78.21 | | P | 02:56:18.043 | -0.3 | 0.5 | | 5.61 | | TAS | | 24.1 | 1.36 | a_e | mb 5.2 |
| TNS | 78.40 | | P | 02:56:19.043 | -0.0 | 0.5 | | 5.61 | | TAS | | 28.5 | 1.23 | a_e | mb 5.2 |
| UBBA | 77.82 | | P | 02:56:38.943 | -0.6 | 0.5 | | 5.61 | | TAS | | | | a_e | |
| UBR | 80.96 | | P | 02:56:34.743 | | 0.5 | | 5.61 | | TAS | | 40.9 | 1.22 | a_e | mb 5.3 |
| WET | 79.47 | | P | 02:56:25.293 | -1.6 | 0.5 | | 5.61 | | TAS | | 42.5 | 1.38 | a_e | mb 5.2 |

Event 929003 Northern and central Iran

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author |
|--------|------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|------|--------|
| OrigID | | | | | | | | | | | | | | | | | |

2020/09/29 04:08:02.90 31.3110 51.1460 10.0 8 33.76 36.82 m i ke NEIC 929042

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 929009
Ms 4.3 BGR 929009

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations like CLL, CLZ, FLT1, GRA1, MOX, NEUB, RGN, TNS, UBR, WET.

Event 930010 Spain
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2020/09/30 22:02:29.33 0.69 0.80 42.9750 -2.0800 15.6 6.7 160 10.0 24 330 8.16 13.68 m i ke BGR 930016

Magnitude Err Nsta Author OrigID
ML 5.2 BGR 930016

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations like BALST, BFO, BSEG, BUG, CLZ, DAVA, FETA, FUR, GEC2, IBBN, KAST, LESA.

| | | | | |
|-------|-------|----|--------------|------|
| MOA | 12.47 | Sn | 22:07:36.946 | -0.7 |
| MOTA | 10.28 | Sn | 22:06:45.999 | 0.4 |
| MOTA | 10.28 | Pn | 22:04:55.093 | -0.2 |
| PLONS | 9.08 | Pn | 22:04:39.572 | 0.5 |
| RETA | 10.11 | Sn | 22:06:40.065 | -1.6 |
| SLE | 8.84 | Sn | 22:06:10.737 | -0.8 |
| SLE | 8.84 | Pn | 22:04:35.193 | -0.7 |
| SQTA | 10.30 | Sn | 22:06:47.011 | 0.8 |
| SULZ | 8.50 | Pn | 22:04:30.921 | -0.4 |
| TNS | 10.24 | Pn | 22:04:53.887 | -0.8 |
| UBR | 9.78 | Sn | 22:06:32.755 | -1.0 |
| UBR | 9.78 | Pn | 22:04:49.019 | 0.4 |
| WET | 12.07 | Sn | 22:07:28.540 | 0.4 |
| WET | 12.07 | Pn | 22:05:19.993 | 0.5 |
| WILA | 8.93 | Pn | 22:04:36.819 | -0.3 |
| WLF | 8.78 | Pn | 22:04:34.613 | -0.4 |

| | | |
|-----|--------|-----|
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e | |
| T__ | m_e ML | 5.2 |
| T__ | m_e ML | 5.2 |