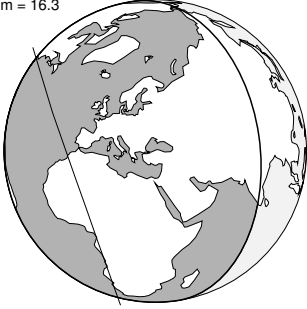
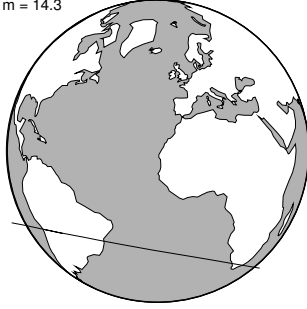
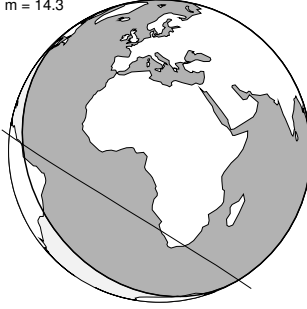
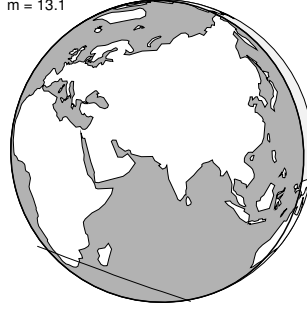
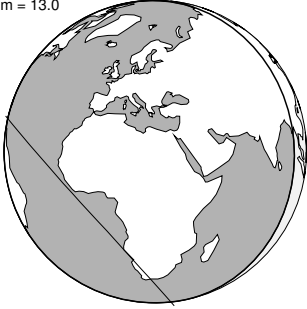
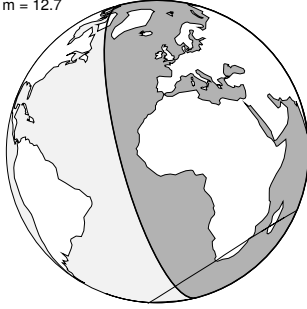
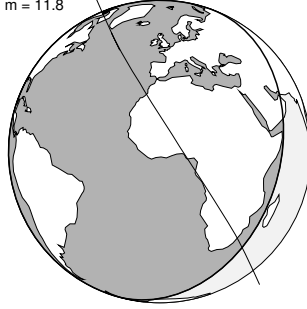
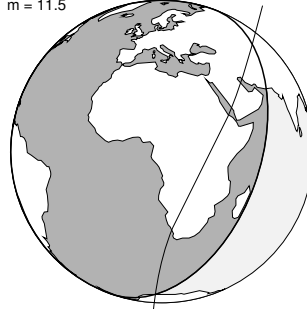
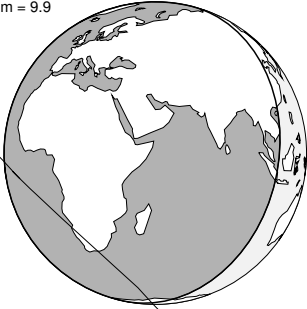
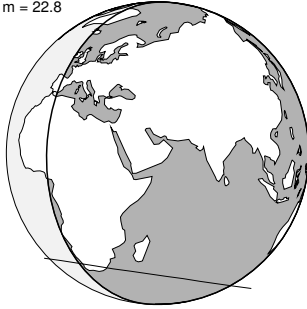
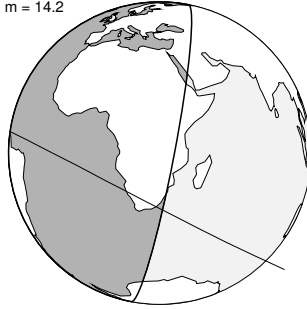
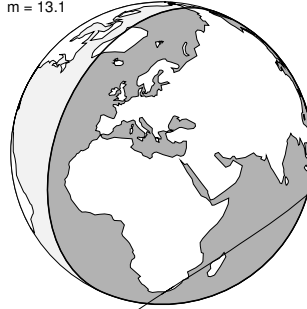
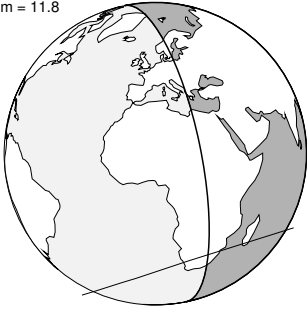
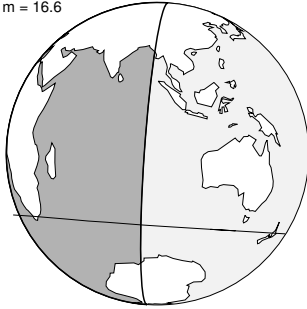
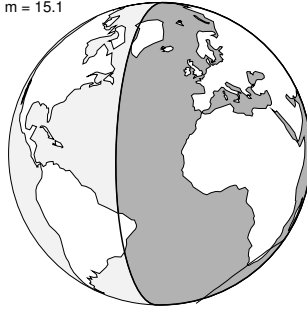
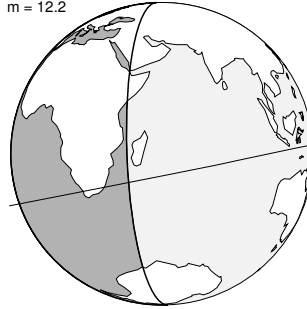


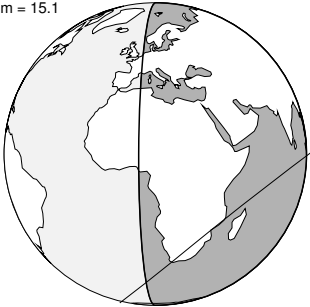
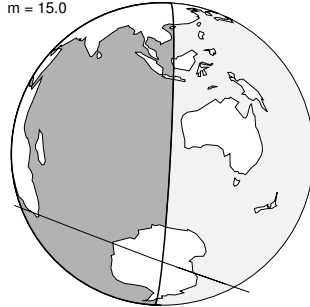
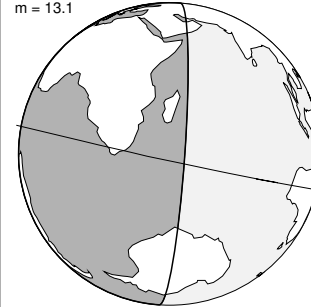
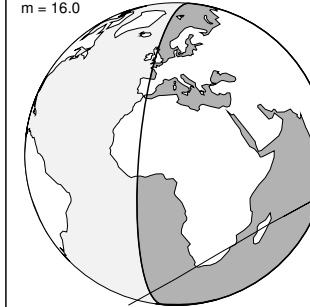
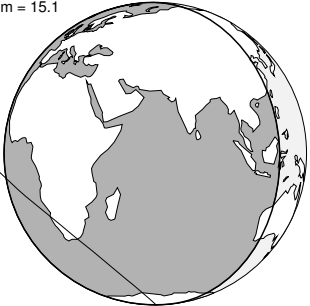
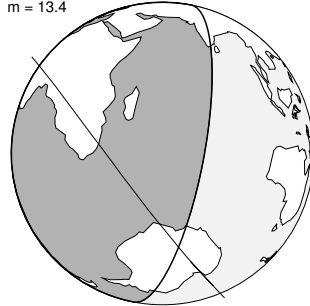
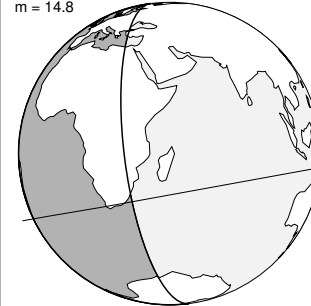
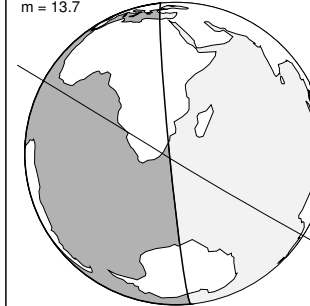
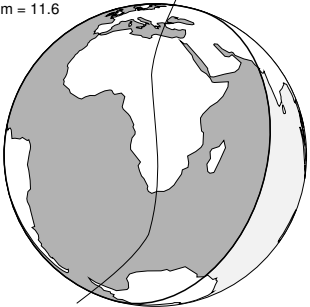
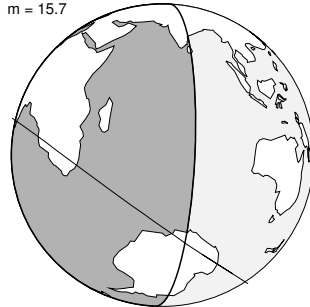
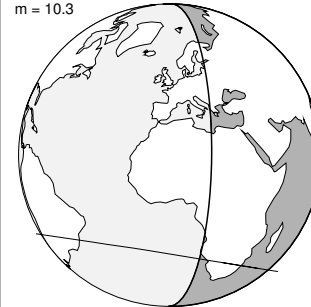
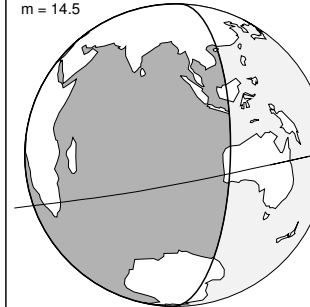
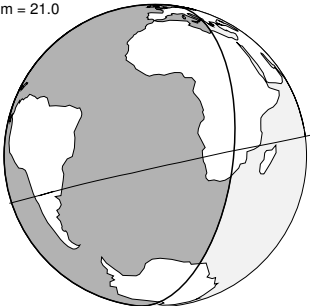
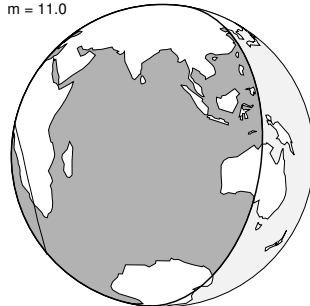
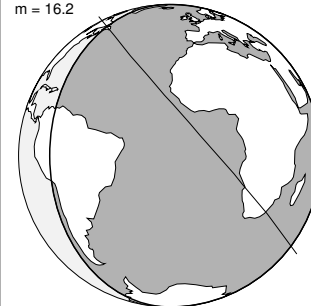
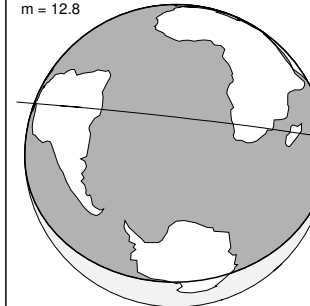
Occultations by major and minor planets – 2025

Region 4

<p>2025 jan 6 1h17.0m A25_01177 4834 Thoas TYC 3005–01105–1 Diam = 60.3 m = 10.6 m = 16.3</p>  <p>Dur = 3.8s Dmag = 5.7 Sun: 133° Moon: 131°</p>	<p>2025 jan 8 0h48.7m A25_01140 1010 Marlene TYC 1893–00929–1 Diam = 45.2 m = 9.9 m = 14.3</p>  <p>Dur = 3.6s Dmag = 4.4 Sun: 173° Moon: 70°</p>	<p>2025 jan 18 21h25.7m A25_01137 909 Ulla UCAC4 476–018138 Diam = 120.0 m = 12.3 m = 14.3</p>  <p>Dur = 8.7s Dmag = 2.1 Sun: 150° Moon: 82°</p>	<p>2025 jan 19 20h55.7m A25_01139 932 Hooveria UCAC4 589–046092 Diam = 41.7 m = 11.3 m = 13.1</p>  <p>Dur = 4.5s Dmag = 2.0 Sun: 158° Moon: 53°</p>
<p>2025 jan 27 0h12.6m A25_01084 412 Elisabetha TYC 1969–00758–1 Diam = 93.0 m = 9.7 m = 13.0</p>  <p>Dur = 7.9s Dmag = 3.3 Sun: 156° Moon: 128°</p>	<p>2025 jan 30 19h33.5m A25_01032 103 Hera UCAC4 519–006083 Diam = 95.2 m = 12.4 m = 12.7</p>  <p>Dur = 9.8s Dmag = 0.9 Sun: 104° Moon: 88°</p>	<p>2025 feb 1 2h59.1m A25_02046 287 Nephthys TYC 0270–00421–1 Diam = 70.1 m = 11.8</p>  <p>Dur = 10.3s Dmag = 2.7 Sun: 142° Moon: 176°</p>	<p>2025 feb 6 2h33.2m A25_02027 139 Juewa TYC 0289–00686–1 Diam = 164.0 m = 10.6 m = 11.5</p>  <p>Dur = 59.7s Dmag = 1.3 Sun: 130° Moon: 129°</p>
<p>2025 feb 12 23h 9.0m A25_02003 8 Flora UCAC4 487–053226 Diam = 141.0 m = 11.9 m = 9.9</p>  <p>Dur = 17.9s Dmag = 0.2 Sun: 144° Moon: 31°</p>	<p>2025 feb 13 17h43.9m B25_02008 2000WW12 UCAC4 554–032802 Diam = 125.9 m = 12.5 m = 22.8</p>  <p>Dur = 7.8s Dmag = 10.2 Sun: 137° Moon: 56°</p>	<p>2025 feb 24 3h44.0m A25_02109 1093 Freda TYC 5619–00284–1 Diam = 120.0 m = 11.4 m = 14.2</p>  <p>Dur = 8.4s Dmag = 2.9 Sun: 95° Moon: 47°</p>	<p>2025 feb 26 19h49.6m A25_02057 362 Havnia HIP 38532 Diam = 66.1 m = 10.2 m = 13.1</p>  <p>Dur = 12.8s Dmag = 2.9 Sun: 134° Moon: 151°</p>
<p>2025 mar 5 16h32.0m A25_03003 11 Parthenope TYC 1248–00368–1 Diam = 162.0 m = 11.8</p>  <p>Dur = 6.2s Dmag = 1.6 Sun: 72° Moon: 9°</p>	<p>2025 mar 6 0h 3.6m A25_03139 846 Lipperta TYC 6812–00255–1 Diam = 54.2 m = 10.4 m = 16.6</p>  <p>Dur = 3.1s Dmag = 6.2 Sun: 84° Moon: 165°</p>	<p>2025 mar 7 20h58.9m A25_03108 537 Pauly TYC 1327–01431–1 Diam = 47.5 m = 11.0 m = 15.1</p>  <p>Dur = 8.9s Dmag = 4.1 Sun: 106° Moon: 8°</p>	<p>2025 mar 13 3h18.5m A25_03060 230 Athamantis UCAC4 344–141096 Diam = 125.0 m = 12.2</p>  <p>Dur = 5.0s Dmag = 0.8 Sun: 76° Moon: 116°</p>

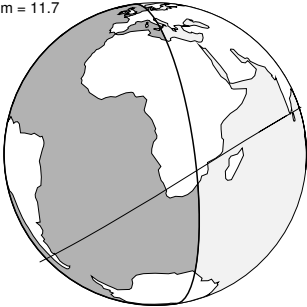
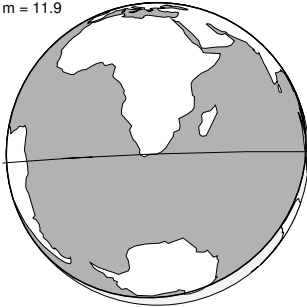
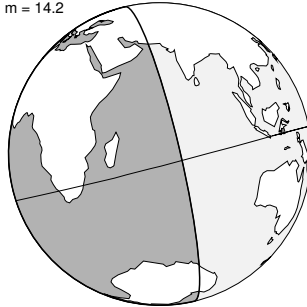
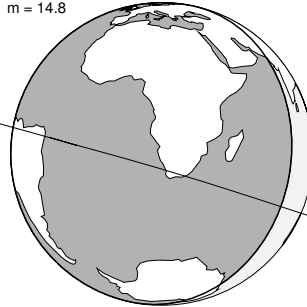
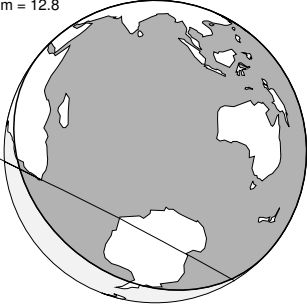
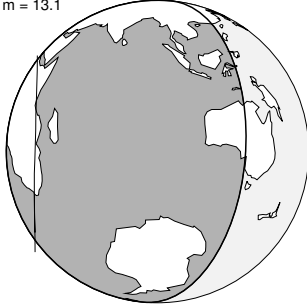
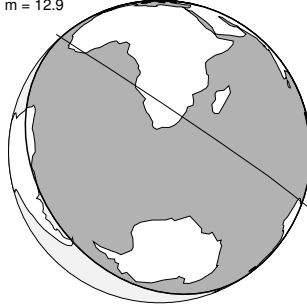
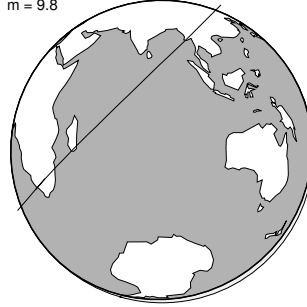
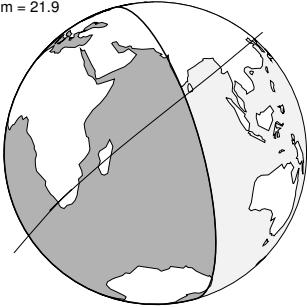
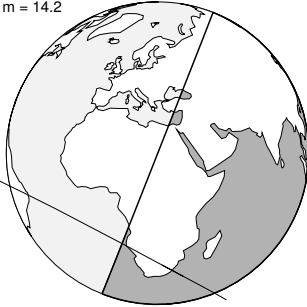
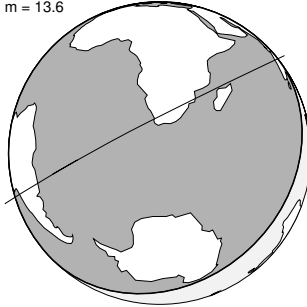
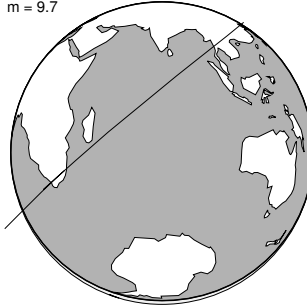
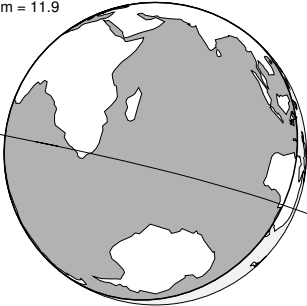
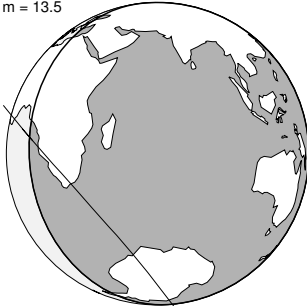
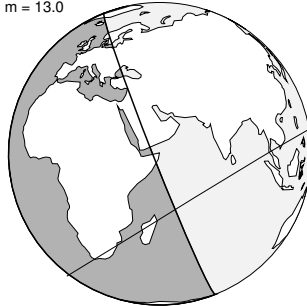
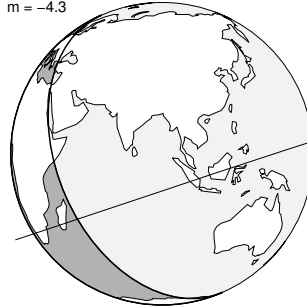
Occultations by major and minor planets – 2025

Region 4

<p>2025 mar 17 17h45.7m A25_03144 909 Ulla UCAC4 507-021354 Diam = 120.0 m = 12.1 m = 15.1</p>  <p>Dur = 8.1s Dmag = 3.1 Sun: 96° Moon: 120°</p>	<p>2025 mar 18 22h47.8m A25_03115 591 Irmgard UCAC4 263-124492 Diam = 54.7 m = 12.0 m = 15.0</p>  <p>Dur = 3.1s Dmag = 3.1 Sun: 93° Moon: 37°</p>	<p>2025 mar 21 2h34.0m A25_03122 665 Sabine PPMX 13667262 Diam = 56.1 m = 12.5 m = 13.1</p>  <p>Dur = 3.5s Dmag = 1.1 Sun: 95° Moon: 13°</p>	<p>2025 mar 23 18h27.5m A25_03177 2326 Tololo UCAC4 521-037979 Diam = 45.6 m = 12.3 m = 16.0</p>  <p>Dur = 3.6s Dmag = 3.7 Sun: 104° Moon: 167°</p>
<p>2025 mar 24 22h 8.0m A25_03156 1105 Fragaria TYC 0325-00323-1 Diam = 42.5 m = 11.2 m = 15.1</p>  <p>Dur = 4.3s Dmag = 4.0 Sun: 145° Moon: 89°</p>	<p>2025 mar 25 0h51.7m A25_03039 117 Lomia TYC 7868-01778-1 Diam = 154.0 m = 9.8 m = 13.4</p>  <p>Dur = 13.5s Dmag = 3.7 Sun: 105° Moon: 48°</p>	<p>2025 mar 26 4h 6.6m A25_03082 360 Carlova UCAC4 375-168399 Diam = 121.0 m = 12.0 m = 14.8</p>  <p>Dur = 5.0s Dmag = 2.8 Sun: 72° Moon: 29°</p>	<p>2025 mar 29 4h 3.1m A25_03137 772 Tanete TYC 7412-01784-1 Diam = 123.0 m = 11.3 m = 13.7</p>  <p>Dur = 5.9s Dmag = 2.5 Sun: 87° Moon: 84°</p>
<p>2025 mar 31 1h20.2m A25_03093 419 Aurelia UCAC4 350-074525 Diam = 133.0 m = 12.2 m = 11.6</p>  <p>Dur = 131.6s Dmag = 0.5 Sun: 137° Moon: 160°</p>	<p>2025 apr 3 0h36.0m A25_04121 1572 Posnania UCAC5 264-134174 Diam = 41.7 m = 12.1 m = 15.7</p>  <p>Dur = 3.3s Dmag = 3.6 Sun: 102° Moon: 164°</p>	<p>2025 apr 6 17h 5.7m A25_04007 15 Eunomia UCAC4 567-021897 Diam = 272.0 m = 12.3 m = 10.3</p>  <p>Dur = 10.2s Dmag = 0.2 Sun: 73° Moon: 36°</p>	<p>2025 apr 9 22h28.5m A25_04076 552 Sigelinde UCAC5 320-118963 Diam = 81.0 m = 12.4 m = 14.5</p>  <p>Dur = 11.4s Dmag = 2.2 Sun: 111° Moon: 103°</p>
<p>2025 apr 10 4h19.4m B25_04006 470308 2007JH43 UCAC5 314-101584 Diam = 452.9 m = 14.9 m = 21.0</p>  <p>Dur = 40.9s Dmag = 6.1 Sun: 121° Moon: 90°</p>	<p>2025 apr 11 21h25.2m A25_04052 344 Desiderata UCAC4 338-084091 Diam = 138.0 m = 11.8 m = 11.0</p>  <p>Dur = 17.5s Dmag = 0.4 Sun: 130° Moon: 61°</p>	<p>2025 apr 14 22h36.1m A25_04128 2152 Hannibal TYC 5503-00003-1 Diam = 49.0 m = 10.3 m = 16.2</p>  <p>Dur = 4.1s Dmag = 5.9 Sun: 142° Moon: 55°</p>	<p>2025 apr 20 0h37.6m A25_04059 372 Palma UCAC4 227-073387 Diam = 195.0 m = 12.5 m = 12.8</p>  <p>Dur = 12.5s Dmag = 0.9 Sun: 146° Moon: 65°</p>

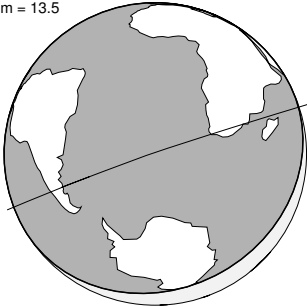
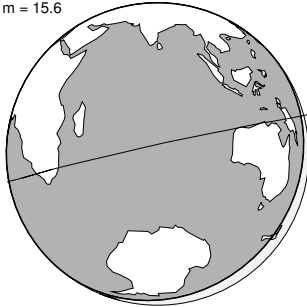
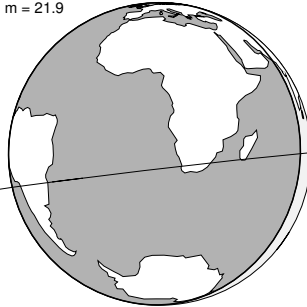
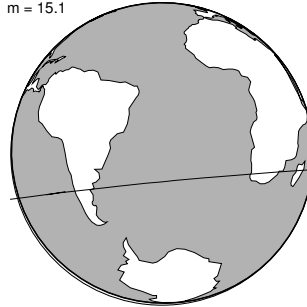
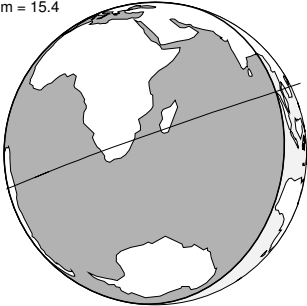
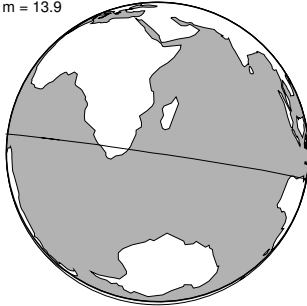
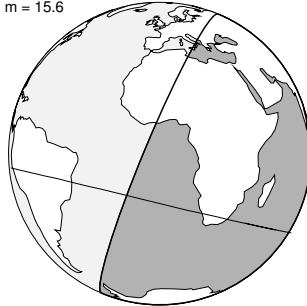
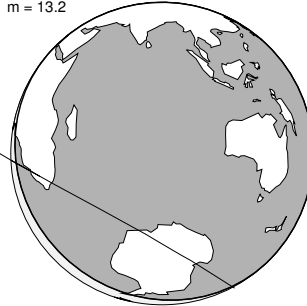
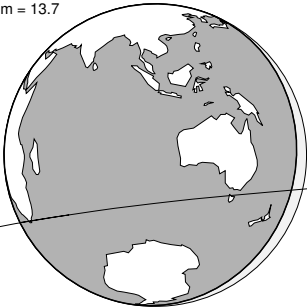
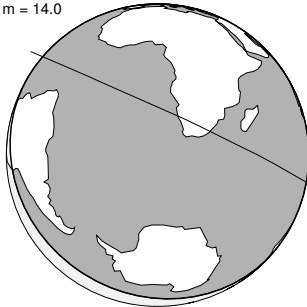
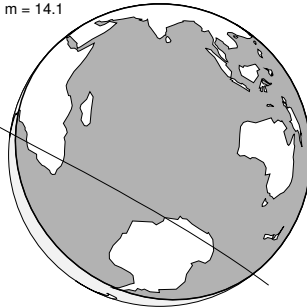
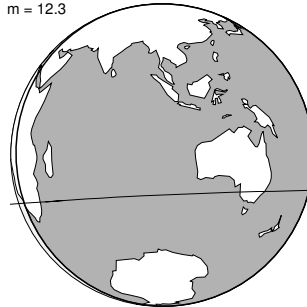
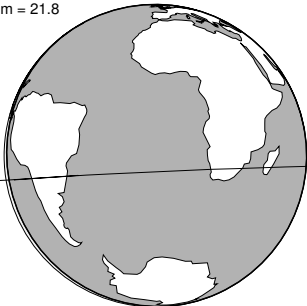
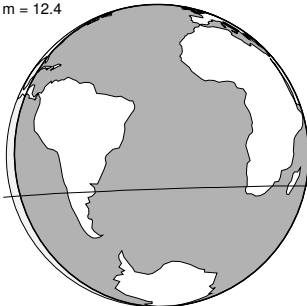
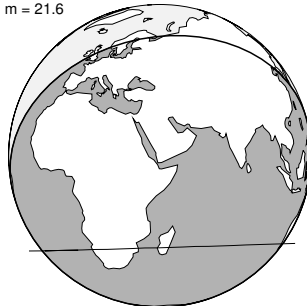
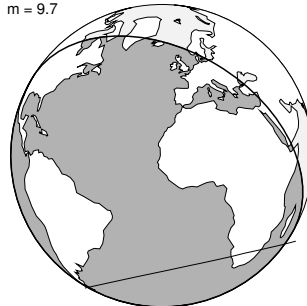
Occultations by major and minor planets – 2025

Region 4

<p>2025 apr 21 4h17.6m A25_04038 230 Athamantis TYC 6287-00346-1 Diam = 125.0 m = 10.3 m = 11.7</p>  <p>Dur = 11.1s Dmag = 1.6 Sun: 104° Moon: 19°</p>	<p>2025 apr 30 22h57.8m A25_04024 101 Helena UCAC4 282-079352 Diam = 68.3 m = 12.5 m = 11.9</p>  <p>Dur = 6.5s Dmag = 0.5 Sun: 158° Moon: 150°</p>	<p>2025 may 1 1h21.1m A25_05045 212 Medea UCAC4 342-191932 Diam = 140.0 m = 12.4 m = 14.2</p>  <p>Dur = 11.8s Dmag = 2.0 Sun: 97° Moon: 143°</p>	<p>2025 may 5 1h 0.5m A25_05105 764 Gedania UCAC4 323-094848 Diam = 60.5 m = 12.1 m = 14.8</p>  <p>Dur = 5.8s Dmag = 2.8 Sun: 148° Moon: 116°</p>
<p>2025 may 8 16h44.0m A25_05071 372 Palma TYC 7800-00854-1 Diam = 195.0 m = 9.5 m = 12.8</p>  <p>Dur = 12.7s Dmag = 3.4 Sun: 147° Moon: 45°</p>	<p>2025 may 13 21h37.8m A25_05106 772 Tanete Gaia 051-0282752 Diam = 123.0 m = 12.3 m = 13.1</p>  <p>Dur = 9.0s Dmag = 1.3 Sun: 125° Moon: 41°</p>	<p>2025 may 14 20h34.8m A25_05073 372 Palma TYC 7796-00054-1 Diam = 195.0 m = 11.3 m = 12.9</p>  <p>Dur = 13.3s Dmag = 1.8 Sun: 145° Moon: 45°</p>	<p>2025 may 19 18h47.1m A25_05065 344 Desiderata UCAC5 290-086160 Diam = 138.0 m = 12.4 m = 9.8</p>  <p>Dur = 13.7s Dmag = 0.1 Sun: 165° Moon: 71°</p>
<p>2025 may 20 0h36.3m B25_05008 523712 2014JS80 UCAC4 358-204134 Diam = 307.6 m = 13.8 m = 21.9</p>  <p>Dur = 73.9s Dmag = 8.0 Sun: 107° Moon: 12°</p>	<p>2025 may 20 16h50.7m A25_05103 740 Cantabria TYC 1426-00989-1 Diam = 94.5 m = 11.0 m = 14.2</p>  <p>Dur = 5.5s Dmag = 3.3 Sun: 89° Moon: 172°</p>	<p>2025 may 24 23h58.8m A25_05138 1735 ITA UCAC5 224-135994 Diam = 66.0 m = 12.4 m = 13.6</p>  <p>Dur = 6.6s Dmag = 1.5 Sun: 150° Moon: 127°</p>	<p>2025 may 26 18h42.2m A25_05067 344 Desiderata UCAC5 281-083501 Diam = 138.0 m = 12.4 m = 9.7</p>  <p>Dur = 13.8s Dmag = 0.1 Sun: 167° Moon: 170°</p>
<p>2025 may 27 21h40.2m A25_05092 665 Sabine TYC 7885-00795-1 Diam = 56.1 m = 10.8 m = 11.9</p>  <p>Dur = 6.7s Dmag = 1.5 Sun: 154° Moon: 166°</p>	<p>2025 may 28 17h11.3m A25_05101 695 Bella UCAC4 306-074579 Diam = 51.2 m = 12.5 m = 13.5</p>  <p>Dur = 4.6s Dmag = 1.4 Sun: 148° Moon: 129°</p>	<p>2025 may 29 2h24.7m A25_05025 105 Artemis TYC 1145-00587-1 Diam = 123.0 m = 11.1 m = 13.0</p>  <p>Dur = 6.9s Dmag = 2.0 Sun: 87° Moon: 111°</p>	<p>2025 may 30 2h52.0m P25_05001 Venus HIP 6788 Diam = 12104.0 m = 8.0 m = -4.3</p>  <p>Dur = 618.1s Dmag = 0.0 Sun: 45° Moon: 87°</p>

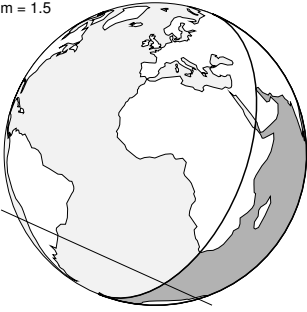
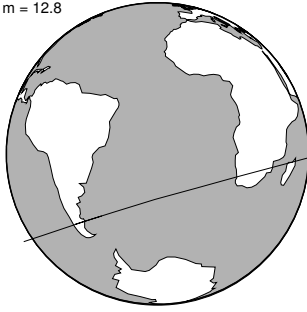
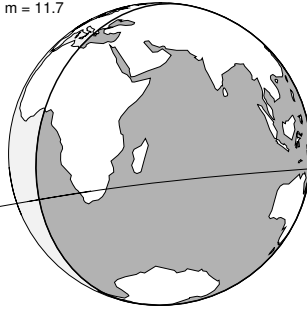
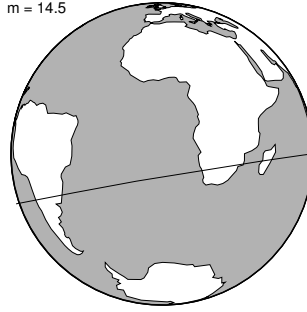
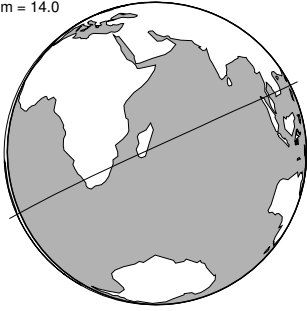
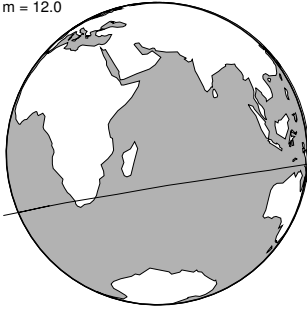
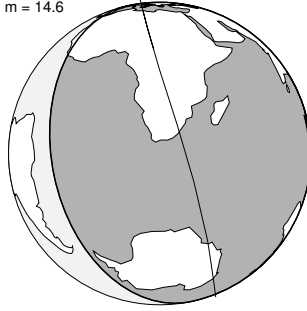
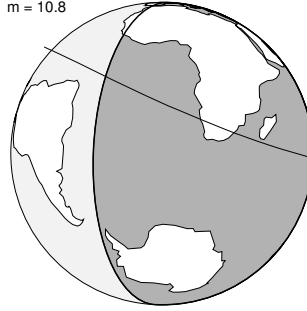
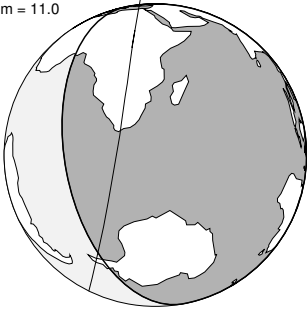
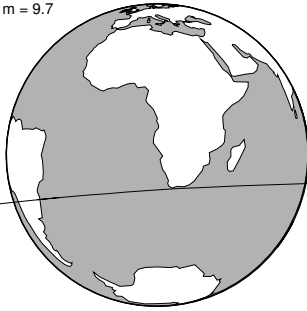
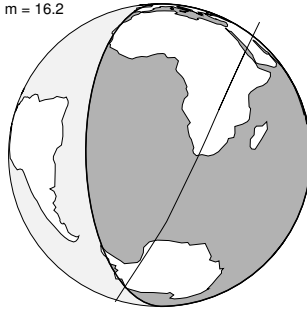
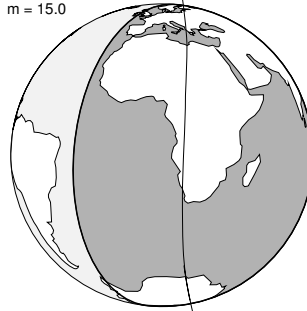
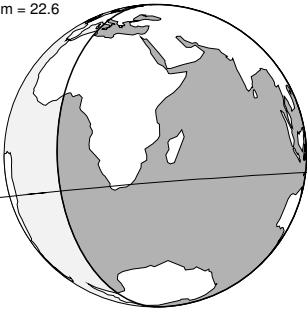
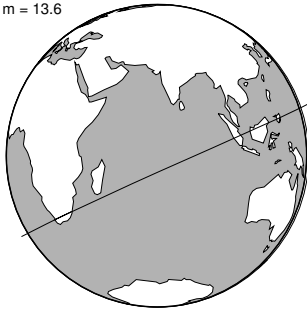
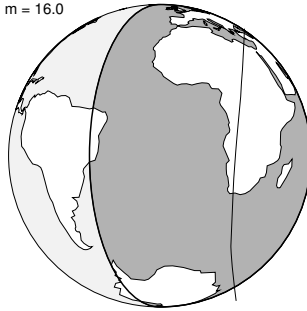
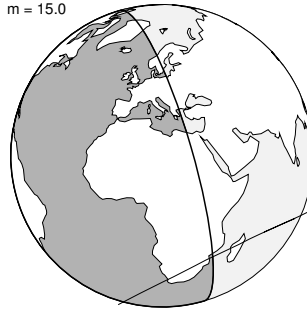
Occultations by major and minor planets – 2025

Region 4

<p>2025 may 31 1h19.4m A25_05139 1735 ITA UCAC4 222-135381 Diam = 66.0 m = 12.5 m = 13.5</p>  <p>Dur = 6.3s Dmag = 1.4 Sun: 153° Moon: 138°</p>	<p>2025 may 31 19h42.6m A25_05148 2453 Wabash UCAC4 262-124640 Diam = 45.7 m = 12.5 m = 15.6</p>  <p>Dur = 4.0s Dmag = 3.2 Sun: 159° Moon: 132°</p>	<p>2025 jun 3 0h58.4m B25_06026 2014KT101 UCAC4 310-197124 Diam = 182.0 m = 13.6 m = 21.9</p>  <p>Dur = 8.5s Dmag = 8.2 Sun: 158° Moon: 113°</p>	<p>2025 jun 6 1h18.8m A25_06098 806 Gyldenia TYC 7349-00613-1 Diam = 65.2 m = 11.4 m = 15.1</p>  <p>Dur = 4.9s Dmag = 3.7 Sun: 169° Moon: 54°</p>
<p>2025 jun 6 23h30.3m A25_06086 642 Clara UCAC4 284-199721 Diam = 40.0 m = 12.3 m = 15.4</p>  <p>Dur = 3.7s Dmag = 3.2 Sun: 147° Moon: 78°</p>	<p>2025 jun 10 21h 4.7m A25_06074 524 Fidelio TYC 7369-00167-1 Diam = 74.0 m = 10.9 m = 13.9</p>  <p>Dur = 5.8s Dmag = 3.1 Sun: 168° Moon: 8°</p>	<p>2025 jun 11 18h20.4m A25_06117 1240 Centenaria HIP 56392 Diam = 60.5 m = 7.4 m = 15.6</p>  <p>Dur = 5.6s Dmag = 8.3 Sun: 95° Moon: 88°</p>	<p>2025 jun 12 17h17.5m A25_06033 170 Maria UCAC4 258-096898 Diam = 46.2 m = 12.1 m = 13.2</p>  <p>Dur = 3.8s Dmag = 1.4 Sun: 160° Moon: 29°</p>
<p>2025 jun 18 18h34.9m A25_06052 297 Caecilia UCAC4 294-215278 Diam = 45.8 m = 11.8 m = 13.7</p>  <p>Dur = 5.1s Dmag = 2.1 Sun: 158° Moon: 70°</p>	<p>2025 jun 25 22h40.5m A25_06080 591 Irmgard UCAC4 238-119432 Diam = 54.7 m = 12.5 m = 14.0</p>  <p>Dur = 5.7s Dmag = 1.7 Sun: 157° Moon: 157°</p>	<p>2025 jun 29 17h38.2m A25_06081 591 Irmgard UCAC4 240-115760 Diam = 54.7 m = 12.3 m = 14.1</p>  <p>Dur = 5.9s Dmag = 2.0 Sun: 155° Moon: 109°</p>	<p>2025 jul 5 16h20.7m A25_07022 106 Dione UCAC4 317-121308 Diam = 146.9 m = 12.4 m = 12.3</p>  <p>Dur = 11.3s Dmag = 0.7 Sun: 164° Moon: 44°</p>
<p>2025 jul 5 23h48.7m B25_07017 2014KT101 UCAC4 310-183979 Diam = 182.0 m = 14.0 m = 21.8</p>  <p>Dur = 7.9s Dmag = 7.8 Sun: 168° Moon: 44°</p>	<p>2025 jul 9 0h27.2m A25_07021 106 Dione TYC 6836-00230-1 Diam = 146.9 m = 10.0 m = 12.4</p>  <p>Dur = 11.8s Dmag = 2.5 Sun: 160° Moon: 3°</p>	<p>2025 jul 9 20h32.5m B25_07010 470309 2007JK43 UCAC4 527-079465 Diam = 145.2 m = 13.4 m = 21.6</p>  <p>Dur = 6.2s Dmag = 8.3 Sun: 141° Moon: 44°</p>	<p>2025 jul 11 2h40.3m A25_07002 2 Pallas TYC 1651-01851-1 Diam = 530.9 m = 11.8 m = 9.7</p>  <p>Dur = 42.5s Dmag = 0.1 Sun: 134° Moon: 47°</p>

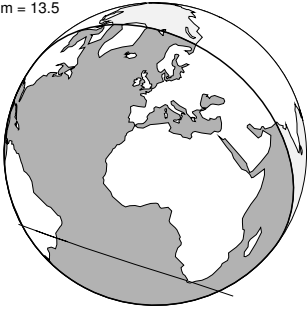
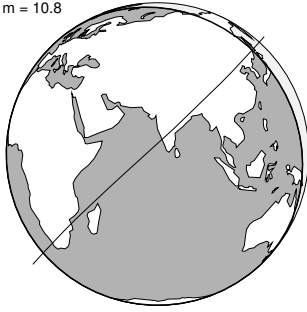
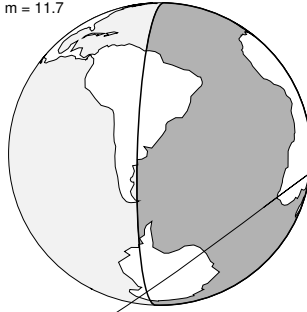
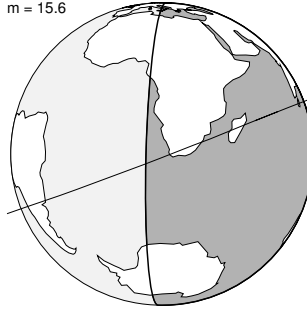
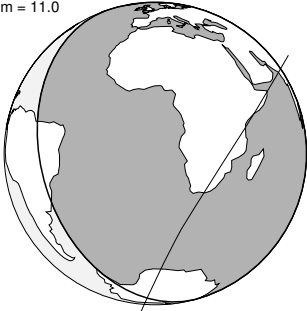
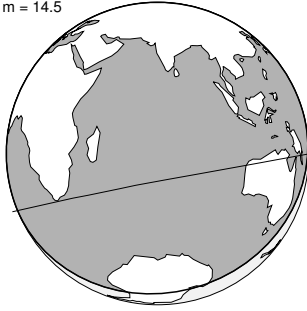
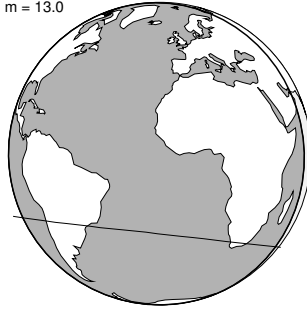
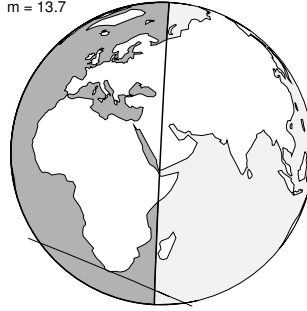
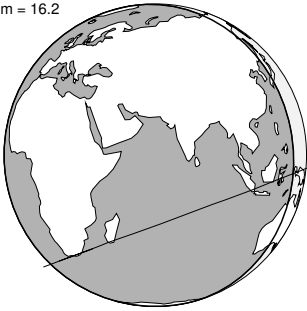
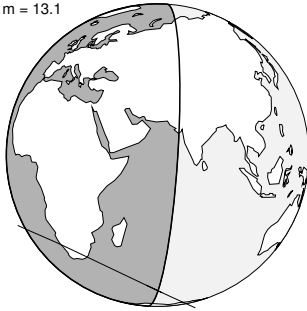
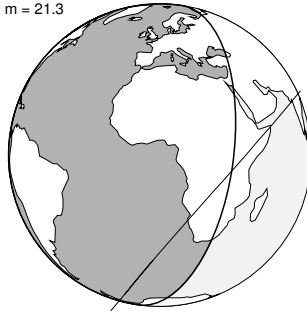
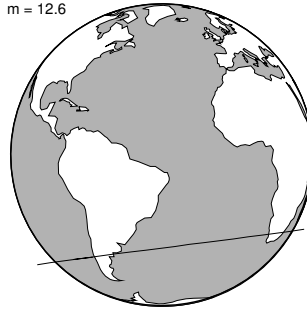
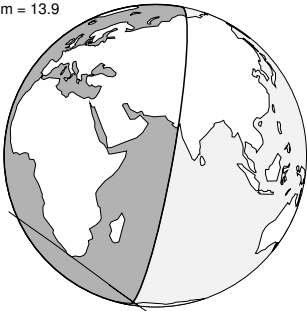
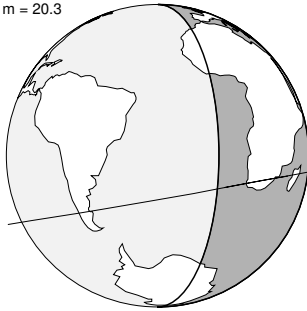
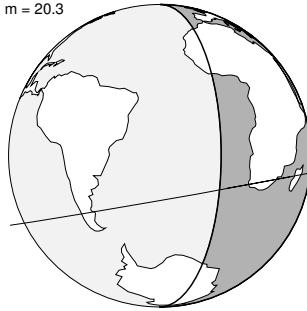
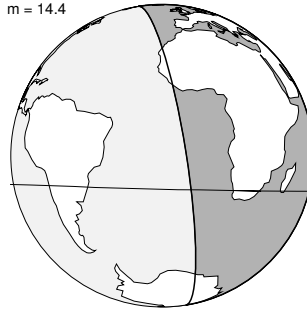
Occultations by major and minor planets – 2025

Region 4

<p>2025 jul 14 15h45.3m P25_07001 Mars TYC 0268–00265–1 Diam = 6759.2 m = 9.8 m = 1.5</p>  <p>Dur = 187.3s Dmag = 0.0 Sun: 53° Moon: 173°</p>	<p>2025 jul 15 1h30.9m A25_07029 131 Vala UCAC4 311–252954 Diam = 43.3 m = 11.6 m = 12.8</p>  <p>Dur = 4.5s Dmag = 1.5 Sun: 173° Moon: 52°</p>	<p>2025 jul 16 17h54.7m A25_07026 124 Alkeste UCAC4 359–085674 Diam = 79.5 m = 12.3 m = 11.7</p>  <p>Dur = 17.3s Dmag = 0.5 Sun: 144° Moon: 109°</p>	<p>2025 jul 16 23h55.6m A25_07044 223 Rosa UCAC4 329–188126 Diam = 90.7 m = 11.9 m = 14.5</p>  <p>Dur = 6.4s Dmag = 2.7 Sun: 175° Moon: 80°</p>
<p>2025 jul 20 19h51.0m A25_07122 891 Gunhild UCAC4 330–186385 Diam = 53.6 m = 11.8 m = 14.0</p>  <p>Dur = 4.3s Dmag = 2.3 Sun: 167° Moon: 139°</p>	<p>2025 jul 20 20h47.3m A25_07011 49 Pales UCAC4 365–184291 Diam = 154.0 m = 12.3 m = 12.0</p>  <p>Dur = 13.0s Dmag = 0.6 Sun: 171° Moon: 119°</p>	<p>2025 jul 23 19h31.6m A25_07095 591 Irmgard TYC 7869–02230–1 Diam = 54.7 m = 10.9 m = 14.6</p>  <p>Dur = 8.0s Dmag = 3.7 Sun: 135° Moon: 149°</p>	<p>2025 jul 25 19h28.0m A25_07065 344 Desiderata UCAC4 240–085705 Diam = 138.0 m = 12.1 m = 10.8</p>  <p>Dur = 23.1s Dmag = 0.3 Sun: 116° Moon: 106°</p>
<p>2025 jul 29 17h53.3m A25_07016 71 Niobe UCAC4 225–123879 Diam = 87.3 m = 12.2 m = 11.0</p>  <p>Dur = 7.0s Dmag = 0.3 Sun: 126° Moon: 72°</p>	<p>2025 jul 29 23h37.7m A25_07015 63 Ausonia TYC 6357–00676–1 Diam = 108.0 m = 10.4 m = 9.7</p>  <p>Dur = 13.2s Dmag = 0.5 Sun: 173° Moon: 122°</p>	<p>2025 aug 8 19h33.9m A25_08123 2453 Wabash UCAC4 272–094526 Diam = 45.7 m = 12.4 m = 16.2</p>  <p>Dur = 10.3s Dmag = 3.9 Sun: 119° Moon: 54°</p>	<p>2025 aug 15 19h46.9m A25_08111 1211 Bressole UCAC4 368–115081 Diam = 41.6 m = 12.4 m = 15.0</p>  <p>Dur = 6.9s Dmag = 2.7 Sun: 125° Moon: 137°</p>
<p>2025 aug 18 18h 3.1m A25_08131 612350 2002GP32 UCAC4 338–150074 Diam = 160.7 m = 11.1 m = 22.6</p>  <p>Dur = 12.3s Dmag = 11.5 Sun: 130° Moon: 171°</p>	<p>2025 aug 24 19h55.7m A25_08061 449 Hamburga TYC 5816–00559–1 Diam = 88.6 m = 11.8 m = 13.6</p>  <p>Dur = 6.7s Dmag = 2.0 Sun: 170° Moon: 169°</p>	<p>2025 aug 24 20h42.2m A25_08120 1963 Bezovec UCAC4 332–125484 Diam = 46.5 m = 11.3 m = 16.0</p>  <p>Dur = 7.2s Dmag = 4.7 Sun: 117° Moon: 99°</p>	<p>2025 aug 27 3h50.4m A25_08054 406 Erna TYC 1784–01138–1 Diam = 53.8 m = 11.1 m = 15.0</p>  <p>Dur = 4.6s Dmag = 3.9 Sun: 101° Moon: 147°</p>

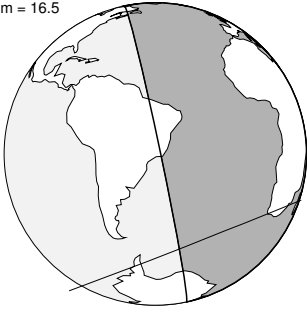
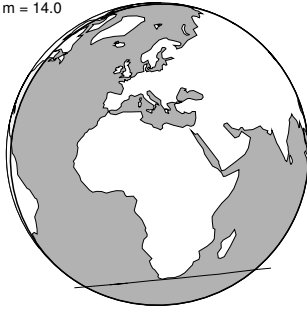
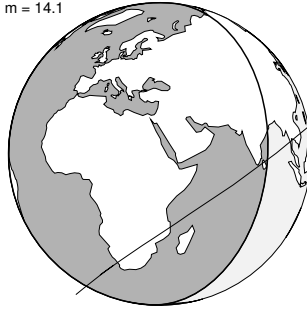
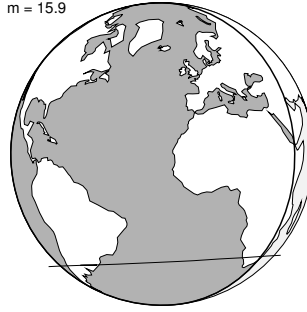
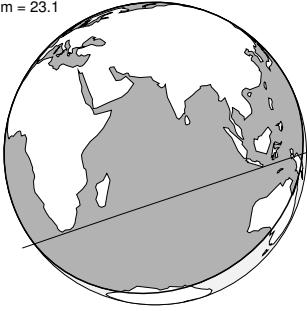
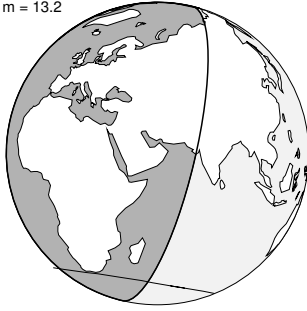
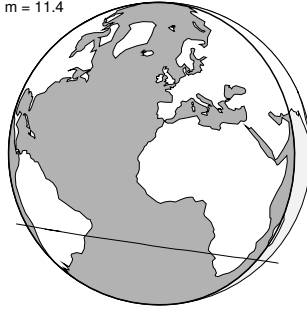
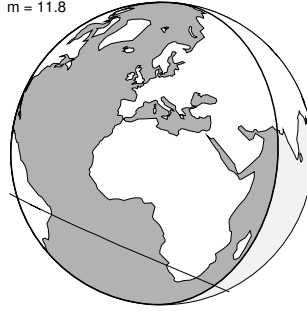
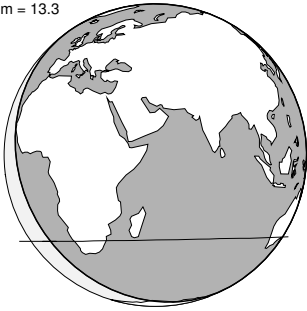
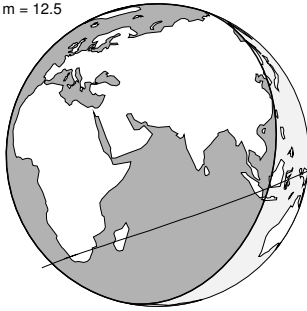
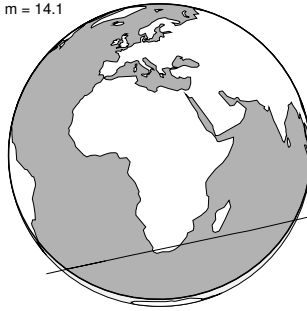
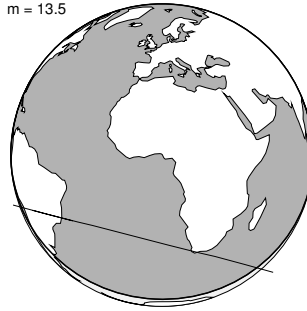
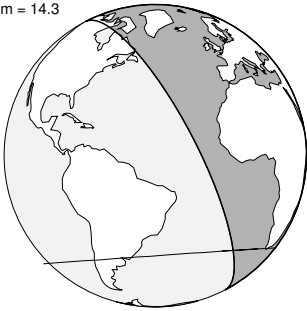
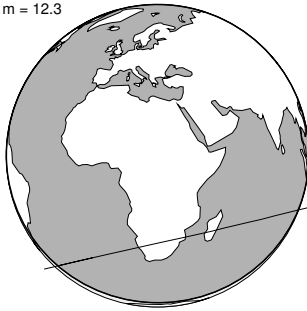
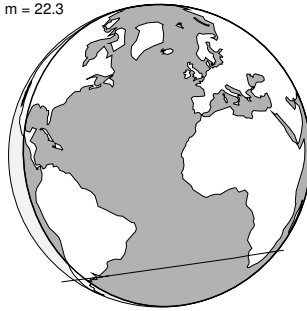
Occultations by major and minor planets – 2025

Region 4

<p>2025 sep 1 1h21.9m A25_09080 426 Hippo TYC 1733–01209–1 Diam = 134.0 m = 9.7 m = 13.5</p>  <p>Dur = 11.1s Dmag = 3.9 Sun: 138° Moon: 117°</p>	<p>2025 sep 4 20h12.6m A25_09084 444 Gypsis UCAC4 487–000015 Diam = 170.0 m = 12.5 m = 10.8</p>  <p>Dur = 22.5s Dmag = 0.2 Sun: 158° Moon: 59°</p>	<p>2025 sep 5 21h47.0m A25_09015 71 Niobe UCAC4 265–116561 Diam = 87.3 m = 11.8 m = 11.7</p>  <p>Dur = 4.6s Dmag = 0.7 Sun: 98° Moon: 58°</p>	<p>2025 sep 10 17h13.9m A25_09096 591 Irmgard UCAC4 282–118642 Diam = 54.7 m = 12.5 m = 15.6</p>  <p>Dur = 3.2s Dmag = 3.2 Sun: 96° Moon: 124°</p>
<p>2025 sep 10 21h12.2m A25_09032 129 Antigone TYC 6339–01185–1 Diam = 113.0 m = 10.7 m = 11.0</p>  <p>Dur = 23.9s Dmag = 0.9 Sun: 139° Moon: 83°</p>	<p>2025 sep 15 19h27.7m A25_09129 907 Rhoda UCAC4 326–000008 Diam = 65.8 m = 11.6 m = 14.5</p>  <p>Dur = 4.5s Dmag = 2.9 Sun: 156° Moon: 111°</p>	<p>2025 sep 23 2h 1.7m A25_09107 697 Galilea TYC 0022–00650–1 Diam = 82.5 m = 12.1 m = 13.0</p>  <p>Dur = 7.9s Dmag = 1.3 Sun: 162° Moon: 174°</p>	<p>2025 sep 29 2h56.6m A25_09062 266 Aline UCAC4 546–028292 Diam = 113.0 m = 12.4 m = 13.7</p>  <p>Dur = 6.3s Dmag = 1.6 Sun: 89° Moon: 166°</p>
<p>2025 oct 5 21h 6.0m A25_10126 1581 Abanderada UCAC4 503–003587 Diam = 40.0 m = 12.3 m = 16.2</p>  <p>Dur = 3.2s Dmag = 3.9 Sun: 155° Moon: 42°</p>	<p>2025 oct 6 1h11.5m A25_10027 107 Camilla UCAC4 513–023594 Diam = 237.0 m = 10.7 m = 13.1</p>  <p>Dur = 18.8s Dmag = 2.5 Sun: 97° Moon: 97°</p>	<p>2025 oct 12 3h38.3m A25_10140 416400 2003UZ117 TYC 0099–00693–1 Diam = 369.8 m = 11.3 m = 21.3</p>  <p>Dur = 23.6s Dmag = 9.9 Sun: 119° Moon: 29°</p>	<p>2025 oct 13 2h22.8m A25_10035 152 Atala UCAC4 457–001709 Diam = 89.9 m = 12.1 m = 12.6</p>  <p>Dur = 6.7s Dmag = 1.0 Sun: 173° Moon: 83°</p>
<p>2025 oct 22 1h14.8m A25_10047 219 Thusnelda TYC 0768–01301–1 Diam = 43.6 m = 9.8 m = 13.9</p>  <p>Dur = 3.5s Dmag = 4.0 Sun: 96° Moon: 102°</p>	<p>2025 oct 23 18h 6.1m B25_10003 469442 2002GG166 UCAC4 299–205998 Diam = 94.2 m = 12.5 m = 20.3</p>  <p>Dur = 4.2s Dmag = 7.8 Sun: 66° Moon: 41°</p>	<p>2025 oct 23 18h 6.1m A25_10142 469442 2002GG166 UCAC5 299–190516 Diam = 94.2 m = 12.4 m = 20.3</p>  <p>Dur = 4.2s Dmag = 7.9 Sun: 66° Moon: 41°</p>	<p>2025 oct 23 18h24.4m A25_10068 360 Carlota UCAC4 344–185974 Diam = 121.0 m = 11.5 m = 14.4</p>  <p>Dur = 6.1s Dmag = 2.9 Sun: 80° Moon: 56°</p>

Occultations by major and minor planets – 2025

Region 4

<p>2025 oct 23 20h54.7m A25_10131 1977 Shura UCAC4 340-194821 Diam = 60.8 m = 12.4 m = 16.5</p>  <p>Dur = 3.1s Dmag = 4.1 Sun: 88° Moon: 62°</p>	<p>2025 oct 27 21h37.7m A25_10105 746 Marlu TYC 1202-01660-1 Diam = 75.5 m = 11.5 m = 14.0</p>  <p>Dur = 6.0s Dmag = 2.6 Sun: 164° Moon: 102°</p>	<p>2025 nov 2 0h22.5m A25_11089 417 Suevia UCAC4 532-014834 Diam = 43.3 m = 12.2 m = 14.1</p>  <p>Dur = 7.2s Dmag = 2.1 Sun: 135° Moon: 93°</p>	<p>2025 nov 7 3h 8.8m A25_11138 1154 Astronomia UCAC4 554-010708 Diam = 64.3 m = 11.8 m = 15.9</p>  <p>Dur = 5.6s Dmag = 4.2 Sun: 151° Moon: 9°</p>
<p>2025 nov 10 20h 1.6m B25_11008 495190 2012VS113 UCAC4 425-005168 Diam = 154.2 m = 12.5 m = 23.1</p>  <p>Dur = 6.2s Dmag = 10.6 Sun: 154° Moon: 70°</p>	<p>2025 nov 11 1h27.7m A25_11027 91 Aegina TYC 1391-00608-1 Diam = 114.0 m = 12.2 m = 13.2</p>  <p>Dur = 10.7s Dmag = 1.3 Sun: 104° Moon: 1°</p>	<p>2025 nov 18 2h11.6m A25_11051 196 Philomela UCAC4 569-017010 Diam = 146.0 m = 12.1 m = 11.4</p>  <p>Dur = 13.4s Dmag = 0.4 Sun: 152° Moon: 129°</p>	<p>2025 nov 24 1h48.8m A25_11013 42 Isis PPMX 5052268 Diam = 107.0 m = 12.0 m = 11.8</p>  <p>Dur = 12.9s Dmag = 0.7 Sun: 140° Moon: 176°</p>
<p>2025 nov 24 18h35.7m A25_11104 535 Montague TYC 0632-01050-1 Diam = 77.0 m = 10.5 m = 13.3</p>  <p>Dur = 8.1s Dmag = 2.9 Sun: 153° Moon: 105°</p>	<p>2025 nov 26 22h27.7m A25_11010 34 Circe PPMX 7056954 Diam = 118.0 m = 11.8 m = 12.5</p>  <p>Dur = 23.2s Dmag = 1.2 Sun: 139° Moon: 144°</p>	<p>2025 dec 17 22h37.4m A25_12150 1102 Pepita UCAC4 479-013397 Diam = 43.5 m = 12.1 m = 14.1</p>  <p>Dur = 3.0s Dmag = 2.1 Sun: 162° Moon: 147°</p>	<p>2025 dec 17 23h33.7m A25_12133 729 Watsonia PPMX 8032975 Diam = 53.3 m = 12.3 m = 13.5</p>  <p>Dur = 3.7s Dmag = 1.6 Sun: 162° Moon: 149°</p>
<p>2025 dec 18 19h21.8m A25_12127 683 Lanzia TYC 1137-00467-1 Diam = 116.0 m = 11.9 m = 14.3</p>  <p>Dur = 4.6s Dmag = 2.4 Sun: 74° Moon: 89°</p>	<p>2025 dec 26 22h22.0m A25_12085 266 Aline UCAC5 499-023124 Diam = 113.0 m = 12.5 m = 12.3</p>  <p>Dur = 9.5s Dmag = 0.7 Sun: 166° Moon: 100°</p>	<p>2025 dec 26 23h52.4m B25_12011 609221 2004VC131 UCAC4 558-010123 Diam = 252.3 m = 12.7 m = 22.3</p>  <p>Dur = 11.3s Dmag = 9.6 Sun: 154° Moon: 74°</p>	