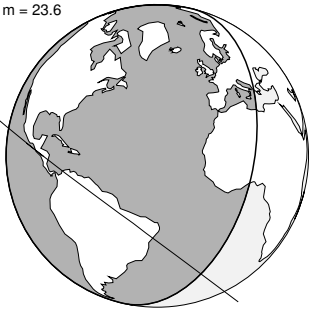
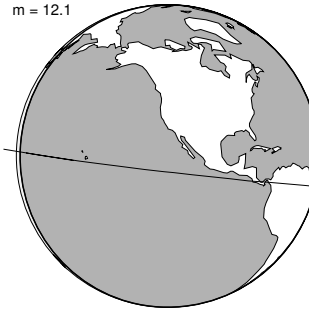
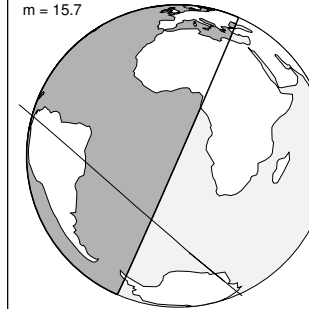
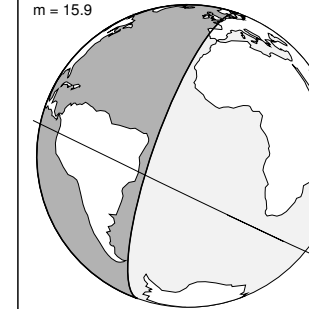
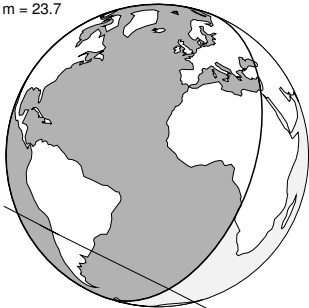
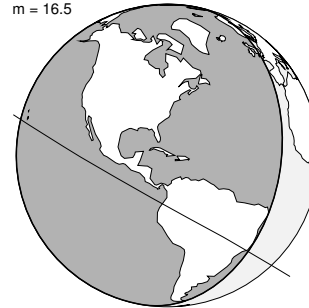
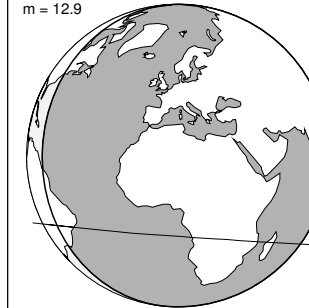
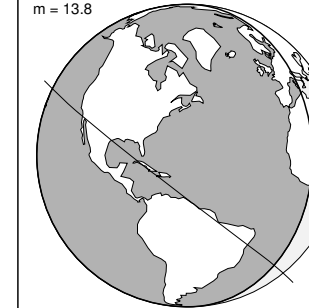
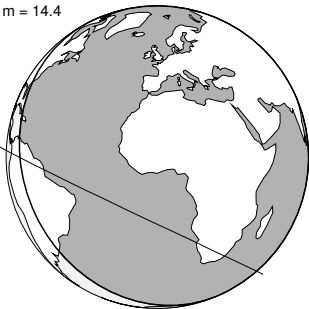
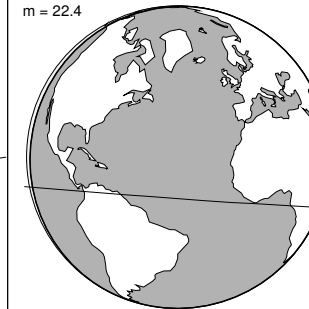
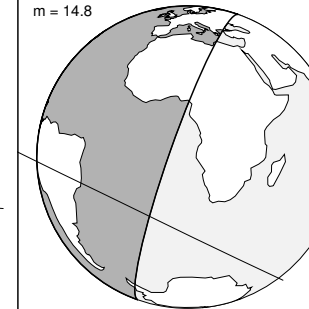
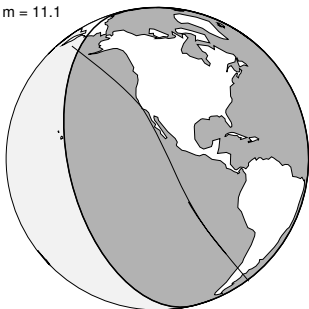
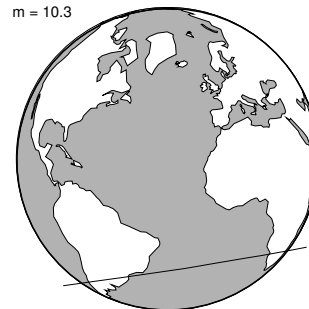
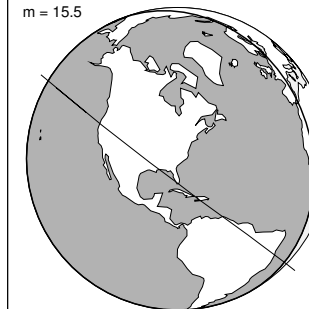
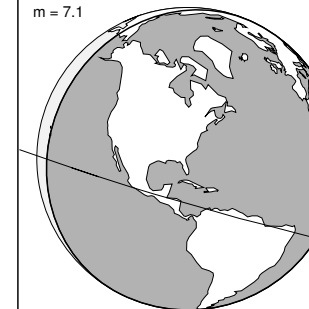


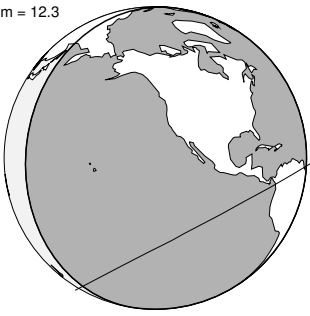
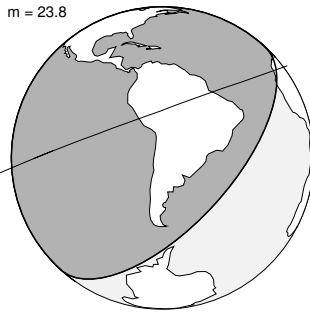
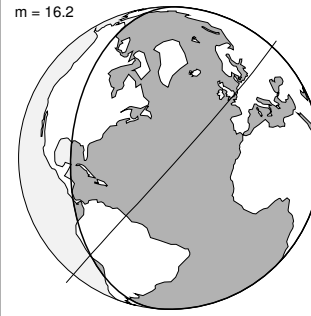
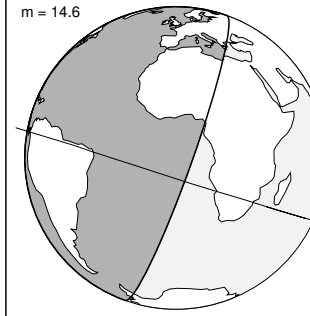
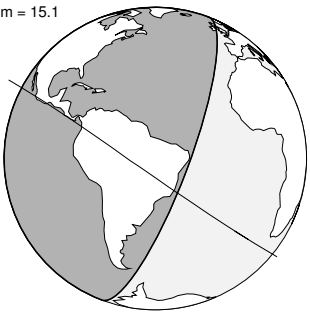
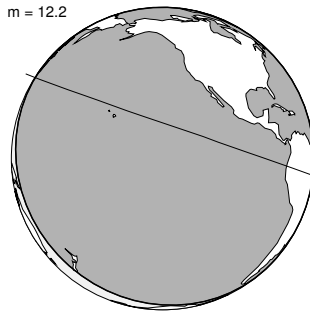
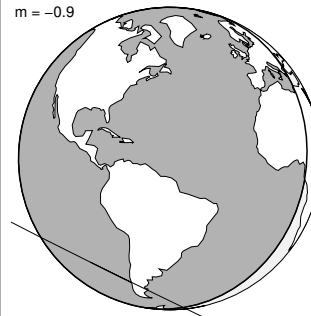
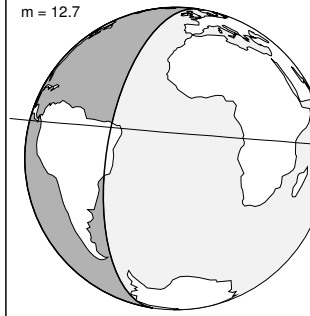
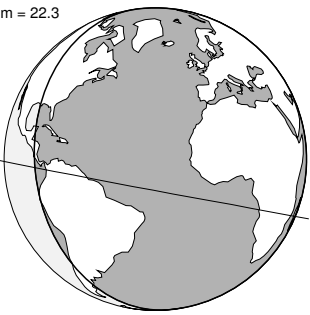
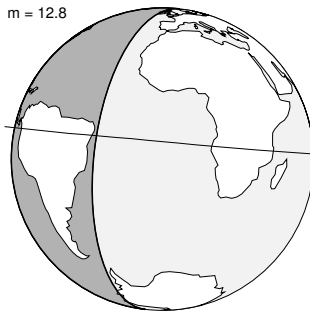
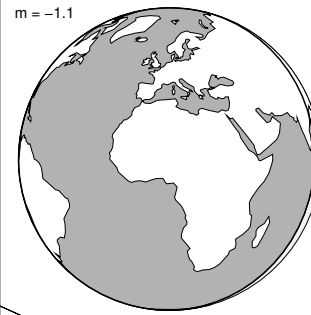
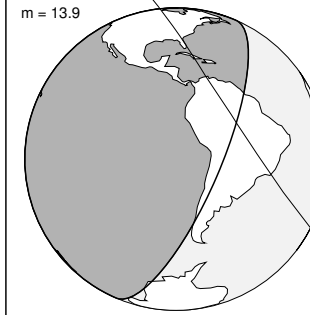
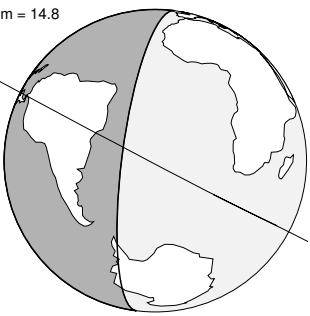
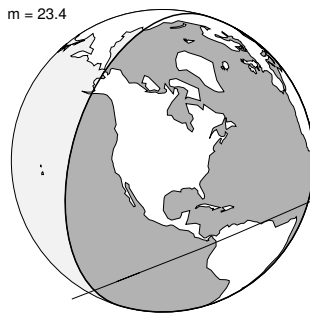
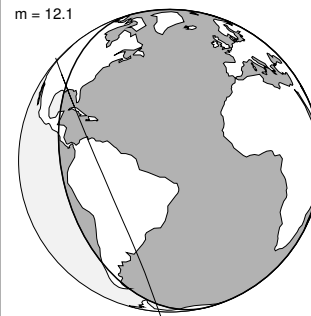
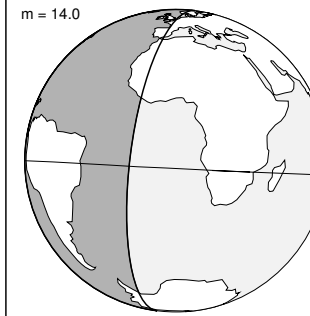
Occultations by major and minor planets – 2027

Region 2

2027 jan 1 6h 5.0m B27_01011 2017DM121 UCAC4 556–049032 Diam = 147.2 m = 23.6  Dur = 9.6s Dmag = 10.8 Sun: 129° Moon: 59°	2027 jan 2 7h10.6m A27_01080 449 Hamburga Gaia 115–0036341 Diam = 88.6 m = 12.1  Dur = 10.4s Dmag = 1.9 Sun: 167° Moon: 132°	2027 jan 11 5h28.8m A27_01113 643 Scheherezade TYC 6117–00412–1 Diam = 76.1 m = 15.7  Dur = 4.8s Dmag = 3.7 Sun: 90° Moon: 126°	2027 jan 11 8h 2.0m A27_01125 734 Benda TYC 5560–01023–1 Diam = 78.6 m = 15.9  Dur = 3.6s Dmag = 7.5 Sun: 76° Moon: 114°
2027 jan 12 4h54.6m A27_01176 2007CJ66 TYC 0847–00573–1 Diam = 154.9 m = 23.7  Dur = 10.5s Dmag = 12.6 Sun: 129° Moon: 175°	2027 jan 13 8h14.6m A27_01167 3248 Farinella TYC 1427–00110–1 Diam = 50.1 m = 16.5  Dur = 5.4s Dmag = 5.4 Sun: 138° Moon: 156°	2027 jan 13 21h44.6m A27_01099 566 Stereoskopia TYC 1866–01880–1 Diam = 175.0 m = 12.9  Dur = 16.9s Dmag = 1.4 Sun: 153° Moon: 87°	2027 jan 14 6h44.6m A27_01076 446 Aeternitas UCAC4 585–045507 Diam = 43.0 m = 13.8  Dur = 4.0s Dmag = 2.6 Sun: 145° Moon: 137°
2027 jan 14 22h32.4m A27_01130 791 Ani TYC 0721–01031–1 Diam = 107.0 m = 14.4  Dur = 7.7s Dmag = 3.5 Sun: 153° Moon: 78°	2027 jan 14 23h35.2m A27_01024 89 Julia TYC 1935–00076–1 Diam = 159.0 m = 10.3  Dur = 11.0s Dmag = 0.2 Sun: 172° Moon: 104°	2027 jan 17 1h52.6m A27_01173 15875 1996TP66 UCAC4 580–035014 Diam = 140.6 m = 22.4  Dur = 5.9s Dmag = 10.2 Sun: 166° Moon: 62°	2027 jan 18 5h40.8m A27_01085 465 Alekto FK6 3116 Diam = 76.6 m = 14.8  Dur = 3.3s Dmag = 9.0 Sun: 82° Moon: 157°
2027 jan 21 3h57.7m A27_01051 230 Athamantis PPMX 5920944 Diam = 125.0 m = 11.1  Dur = 108.1s Dmag = 0.3 Sun: 125° Moon: 36°	2027 jan 23 1h58.0m A27_01026 89 Julia UCAC4 584–040779 Diam = 159.0 m = 10.3  Dur = 11.1s Dmag = 0.2 Sun: 171° Moon: 15°	2027 jan 24 7h24.0m A27_01141 1024 Hale TYC 2513–00782–1 Diam = 43.2 m = 15.5  Dur = 3.1s Dmag = 4.1 Sun: 151° Moon: 24°	2027 jan 25 4h 6.5m A27_01003 1 Ceres UCAC4 607–036691 Diam = 952.5 m = 7.1  Dur = 96.1s Dmag = 0.0 Sun: 156° Moon: 59°

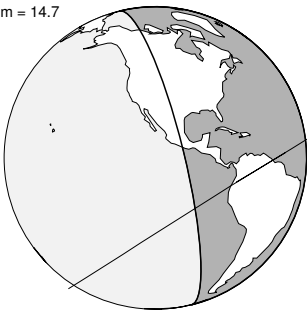
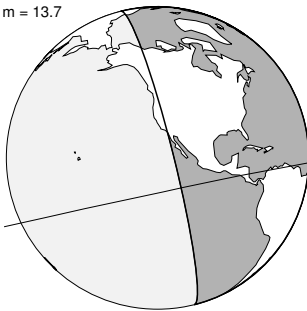
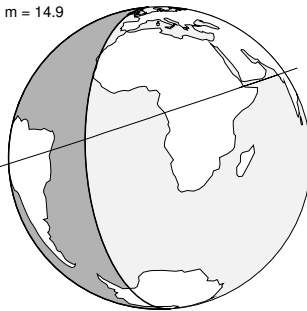
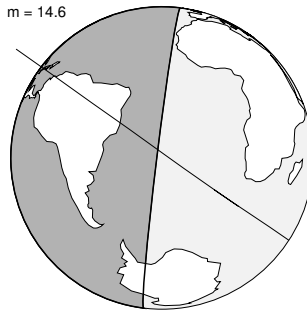
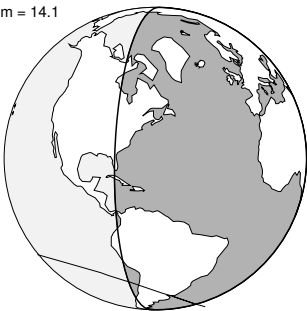
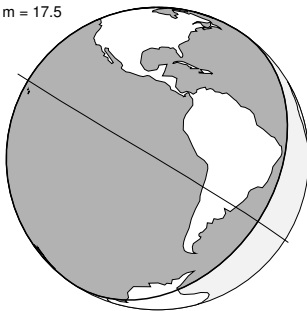
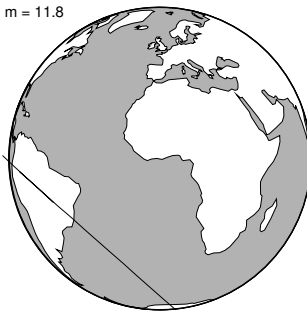
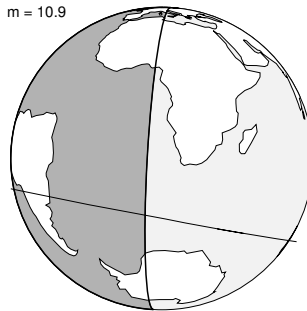
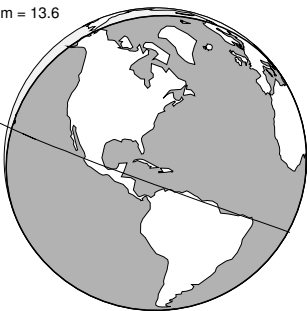
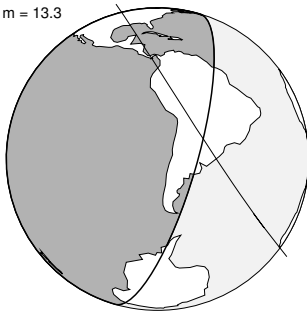
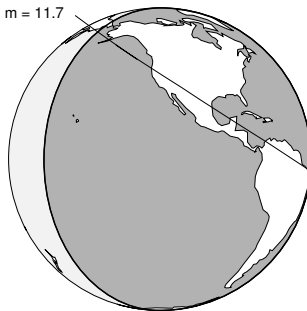
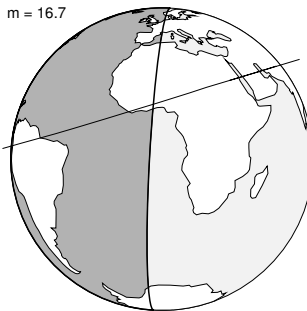
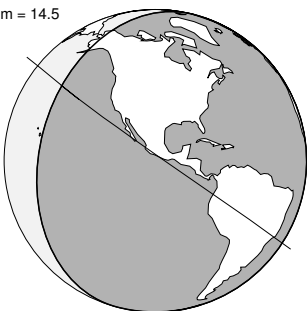
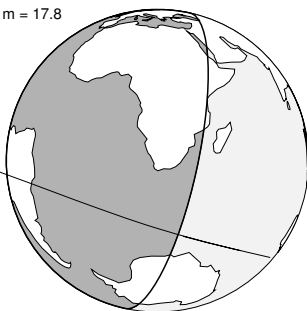
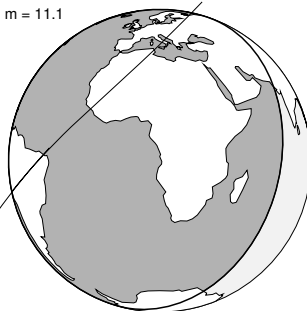
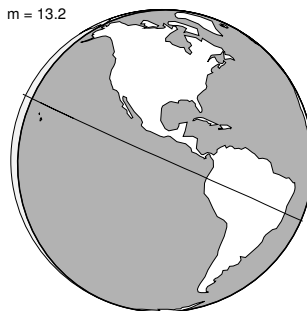
Occultations by major and minor planets – 2027

Region 2

2027 jan 26 6h42.7m A27_01117 702 Alauda UCAC4 583–027929 Diam = 202.0 m = 11.9 m = 12.3  Dur = 16.1s Dmag = 1.0 Sun: 148° Moon: 82°	2027 jan 28 7h37.6m B27_01012 2023DT6 UCAC4 311–066730 Diam = 130.0 m = 13.5 m = 23.8  Dur = 8.3s Dmag = 10.3 Sun: 117° Moon: 29°	2027 jan 28 23h32.9m A27_01159 1867 Deiphobus PPMX 3973568 Diam = 131.0 m = 12.4 m = 16.2  Dur = 10.5s Dmag = 3.8 Sun: 130° Moon: 133°	2027 jan 29 5h39.0m A27_01049 222 Lucia TYC 5557–00392–1 Diam = 58.0 m = 11.4 m = 14.6  Dur = 4.1s Dmag = 3.2 Sun: 96° Moon: 8°
2027 jan 29 8h19.3m A27_01054 255 Oppavia TYC 5546–00265–1 Diam = 58.0 m = 11.6 m = 15.1  Dur = 5.1s Dmag = 3.5 Sun: 102° Moon: 14°	2027 jan 31 8h18.5m A27_01023 85 Io TYC 0185–00796–1 Diam = 178.0 m = 8.9 m = 12.2  Dur = 12.2s Dmag = 3.4 Sun: 160° Moon: 118°	2027 feb 1 5h32.3m P27_02002 Mars HIP 52306 Diam = 6759.2 m = -0.9 m = -0.9  Dur = 1117.5s Dmag = 0.0 Sun: 154° Moon: 96°	2027 feb 4 8h44.2m A27_02017 65 Cybele HIP 82038 Diam = 230.0 m = 5.6 m = 12.7  Dur = 7.2s Dmag = 7.1 Sun: 62° Moon: 38°
2027 feb 5 23h43.1m B27_02005 2000YY1 UCAC4 528–031495 Diam = 158.5 m = 13.4 m = 22.3  Dur = 8.6s Dmag = 9.0 Sun: 142° Moon: 150°	2027 feb 7 8h19.3m A27_02002 19 Fortuna UCAC4 341–085027 Diam = 149.0 m = 12.4 m = 12.8  Dur = 5.0s Dmag = 1.0 Sun: 62° Moon: 71°	2027 feb 8 0h54.3m P27_02003 Mars TYC 0845–00653–1 Diam = 6759.2 m = -1.1 m = -1.1  Dur = 929.5s Dmag = 0.0 Sun: 163° Moon: 174°	2027 feb 11 10h11.3m A27_02037 143 Adria UCAC4 342–068032 Diam = 92.0 m = 12.5 m = 13.9  Dur = 8.2s Dmag = 1.7 Sun: 107° Moon: 161°
2027 feb 13 7h58.1m A27_02085 709 Fringilla TYC 7342–00070–1 Diam = 99.6 m = 9.1 m = 14.8  Dur = 4.0s Dmag = 5.7 Sun: 77° Moon: 152°	2027 feb 14 3h19.4m A27_02116 8405 Asbolus UCAC4 658–043822 Diam = 66.1 m = 12.4 m = 23.4  Dur = 3.9s Dmag = 11.0 Sun: 127° Moon: 43°	2027 feb 15 23h51.3m A27_02042 185 Eunike UCAC4 468–025294 Diam = 165.0 m = 12.4 m = 12.1  Dur = 13.2s Dmag = 0.6 Sun: 135° Moon: 36°	2027 feb 17 7h 6.0m A27_02053 275 Sapia HIP 83203 Diam = 103.0 m = 8.4 m = 14.0  Dur = 3.9s Dmag = 5.6 Sun: 72° Moon: 157°

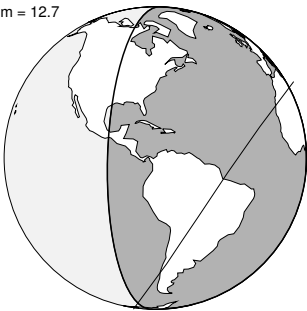
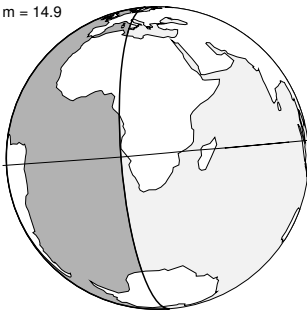
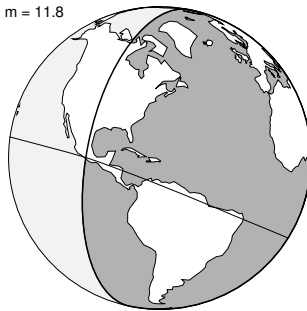
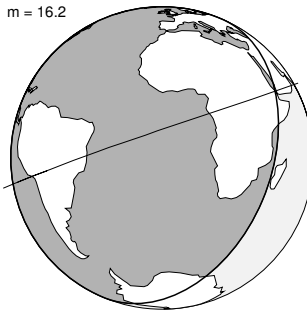
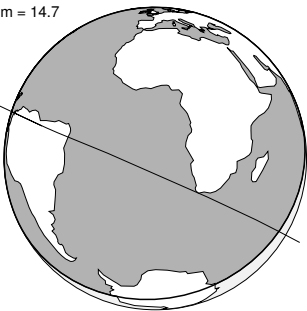
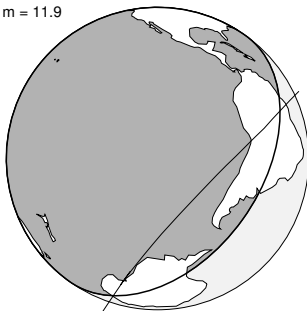
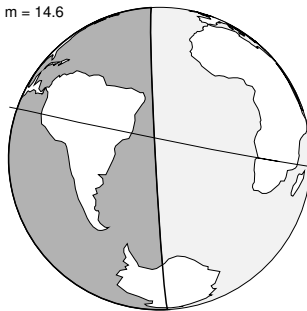
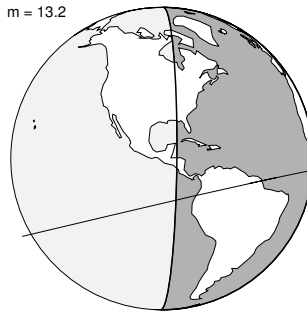
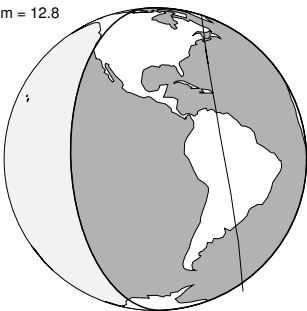
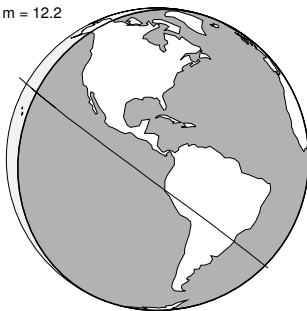
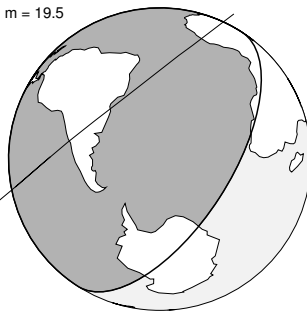
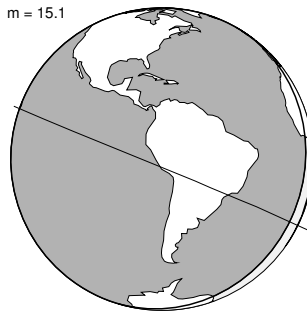
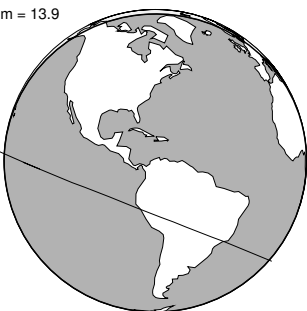
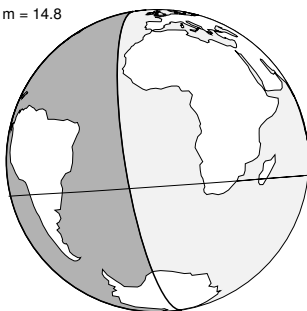
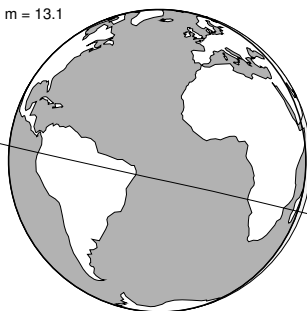
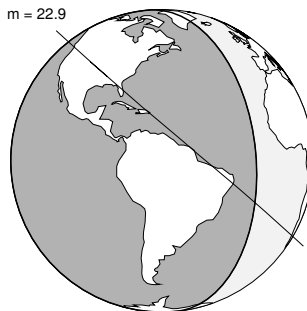
Occultations by major and minor planets – 2027

Region 2

2027 feb 21 0h37.0m A27_02062 404 Arsinoë UCAC4 514–005295 Diam = 101.0 m = 11.4 m = 14.7  Dur = 5.0s Dmag = 3.3 Sun: 79° Moon: 102°	2027 feb 22 1h36.1m A27_02022 83 Beatrix TYC 1798–01091–1 Diam = 84.0 m = 13.7  Dur = 4.4s Dmag = 6.4 Sun: 83° Moon: 111°	2027 mar 2 7h27.6m A27_03129 895 Helio UCAC5 340–153550 Diam = 147.0 m = 12.2 m = 14.9  Dur = 5.1s Dmag = 2.8 Sun: 60° Moon: 8°	2027 mar 3 7h34.0m A27_03124 795 Fini TYC 7354–01142–1 Diam = 78.7 m = 11.6 m = 14.6  Dur = 3.7s Dmag = 3.1 Sun: 88° Moon: 33°
2027 mar 3 23h24.7m A27_03092 454 Mathesis TYC 2406–02280–1 Diam = 84.5 m = 10.8 m = 14.1  Dur = 10.6s Dmag = 3.3 Sun: 105° Moon: 154°	2027 mar 5 8h18.7m A27_03165 11395 Iphinous HIP 63872 Diam = 42.9 m = 17.5  Dur = 3.5s Dmag = 10.0 Sun: 141° Moon: 108°	2027 mar 6 0h1.9m A27_03079 386 Siegna TYC 0260–00128–1 Diam = 173.0 m = 11.8  Dur = 10.7s Dmag = 0.6 Sun: 174° Moon: 157°	2027 mar 6 5h44.4m A27_03009 15 Eunomia UCAC5 288–119357 Diam = 272.0 m = 12.5 m = 10.9  Dur = 14.6s Dmag = 0.2 Sun: 84° Moon: 60°
2027 mar 9 4h33.6m A27_03074 348 May HIP 51983 Diam = 88.0 m = 8.1 m = 13.6  Dur = 8.0s Dmag = 5.4 Sun: 159° Moon: 150°	2027 mar 9 9h57.4m A27_03044 98 Ianthe UCAC4 279–083290 Diam = 109.0 m = 12.2 m = 13.3  Dur = 8.6s Dmag = 1.5 Sun: 104° Moon: 117°	2027 mar 10 5h30.5m A27_03007 12 Victoria UCAC5 481–042941 Diam = 117.0 m = 12.4 m = 11.7  Dur = 12.8s Dmag = 0.4 Sun: 140° Moon: 120°	2027 mar 10 6h10.3m A27_03070 319 Leona HIP 86049 Diam = 73.3 m = 6.8 m = 16.7  Dur = 4.3s Dmag = 9.8 Sun: 85° Moon: 106°
2027 mar 14 4h21.8m A27_03131 924 Toni TYC 1394–00732–1 Diam = 87.6 m = 10.0 m = 14.5  Dur = 10.8s Dmag = 4.5 Sun: 140° Moon: 70°	2027 mar 15 3h31.9m A27_03166 21601 Aias HIP 79979 Diam = 41.7 m = 17.8  Dur = 9.9s Dmag = 10.8 Sun: 105° Moon: 170°	2027 mar 16 1h39.1m A27_03059 187 Lambertia HIP 68689 Diam = 135.0 m = 10.9 m = 11.1  Dur = 33.1s Dmag = 0.9 Sun: 142° Moon: 122°	2027 mar 16 5h28.0m A27_03052 150 Nuwa TYC 0259–01293–1 Diam = 157.0 m = 9.3 m = 13.2  Dur = 11.8s Dmag = 3.9 Sun: 161° Moon: 65°

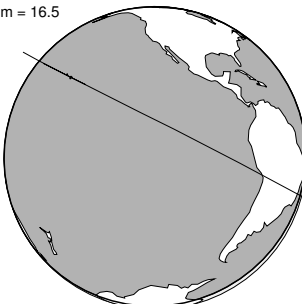
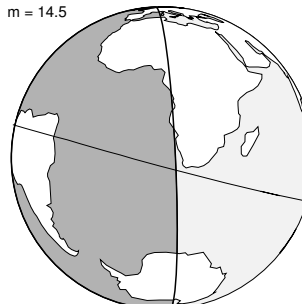
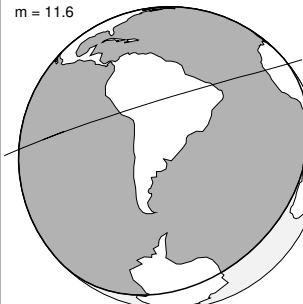
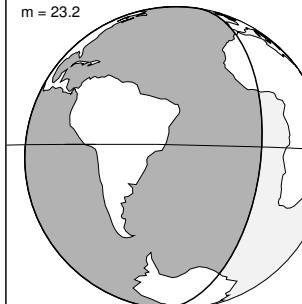
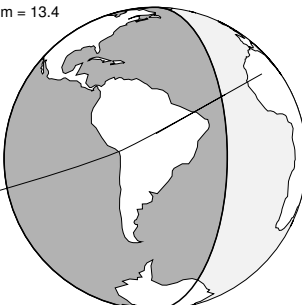
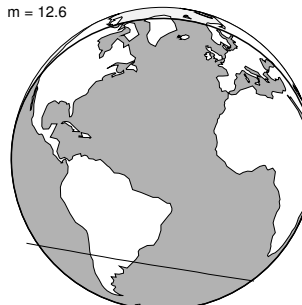
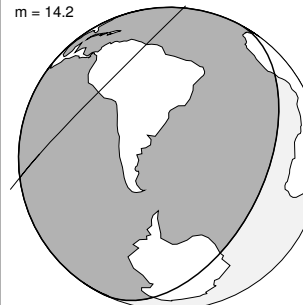
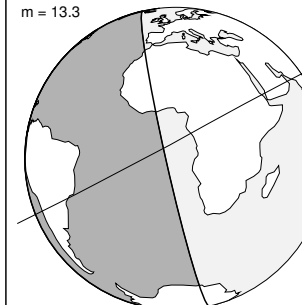
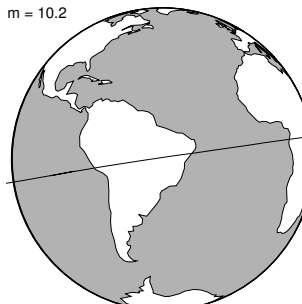
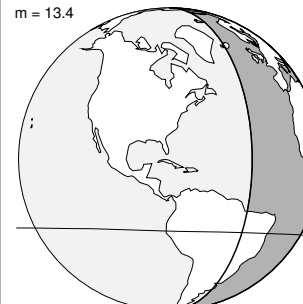
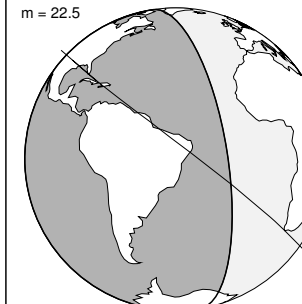
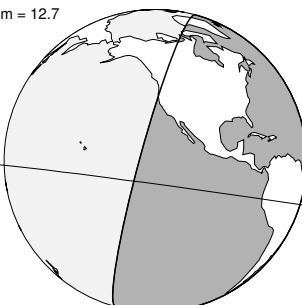
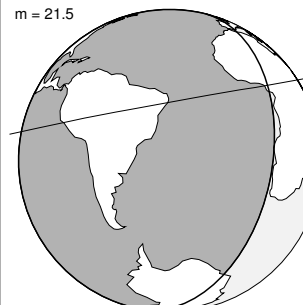
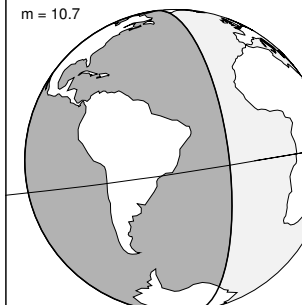
Occultations by major and minor planets – 2027

Region 2

2027 mar 18 0h27.3m A27_03057 185 Eunike TYC 0749–00656–1 Diam = 165.0 m = 11.4 m = 12.7  Dur = 12.6s Dmag = 1.5 Sun: 108° Moon: 20°	2027 mar 18 5h20.9m A27_03062 240 Vanadis TYC 6292–00470–1 Diam = 108.0 m = 10.2 m = 14.9  Dur = 4.8s Dmag = 4.8 Sun: 76° Moon: 160°	2027 mar 21 0h45.2m A27_03016 30 Urania UCAC4 550–043860 Diam = 104.0 m = 12.1 m = 11.8  Dur = 28.4s Dmag = 0.6 Sun: 118° Moon: 42°	2027 mar 22 3h17.3m A27_03162 3540 Proteilaos UCAC4 345–072127 Diam = 66.1 m = 10.6 m = 16.2  Dur = 5.7s Dmag = 5.6 Sun: 136° Moon: 48°
2027 mar 24 0h40.5m A27_03105 643 Scheherezade TYC 6684–00259–1 Diam = 76.1 m = 11.4 m = 14.7  Dur = 6.1s Dmag = 3.3 Sun: 157° Moon: 13°	2027 mar 24 9h54.5m A27_03020 54 Alexandra TYC 7300–01237–1 Diam = 171.0 m = 12.0 m = 11.9  Dur = 27.7s Dmag = 0.7 Sun: 133° Moon: 22°	2027 mar 25 8h14.8m A27_03038 81 Terpsichore UCAC4 294–189097 Diam = 124.0 m = 12.0 m = 14.6  Dur = 7.6s Dmag = 2.7 Sun: 88° Moon: 55°	2027 mar 25 23h54.3m A27_03026 59 Elpis UCAC4 529–019481 Diam = 173.0 m = 12.4 m = 13.2  Dur = 8.4s Dmag = 1.2 Sun: 84° Moon: 138°
2027 mar 27 2h29.7m A27_03014 25 Phocaea TYC 5429–01091–1 Diam = 78.0 m = 11.9 m = 12.8  Dur = 6.8s Dmag = 1.3 Sun: 123° Moon: 105°	2027 mar 27 4h10.3m A27_03048 107 Camilla UCAC4 482–049338 Diam = 237.0 m = 12.3 m = 12.2  Dur = 20.6s Dmag = 0.7 Sun: 155° Moon: 82°	2027 mar 27 5h 5.4m B27_03007 471143 Dziewanna UCAC4 204–102762 Diam = 645.7 m = 13.0 m = 19.5  Dur = 40.1s Dmag = 6.5 Sun: 118° Moon: 24°	2027 mar 28 6h16.8m A27_03144 1143 Odysseus UCAC4 393–057571 Diam = 135.0 m = 11.6 m = 15.1  Dur = 8.9s Dmag = 3.5 Sun: 160° Moon: 51°
2027 mar 29 4h55.2m A27_03082 424 Gratia TYC 0876–00308–1 Diam = 90.5 m = 11.5 m = 13.9  Dur = 7.3s Dmag = 2.5 Sun: 165° Moon: 88°	2027 mar 29 7h18.6m A27_03090 447 Valentine UCAC4 333–209406 Diam = 82.0 m = 12.0 m = 14.8  Dur = 3.5s Dmag = 2.9 Sun: 77° Moon: 21°	2027 mar 31 2h47.5m A27_03088 438 Zeuxo PPMX 9499974 Diam = 63.6 m = 11.8 m = 13.1  Dur = 6.5s Dmag = 1.6 Sun: 164° Moon: 88°	2027 mar 31 7h43.9m B27_03008 536921 2015FO345 PPMX 8463773 Diam = 154.9 m = 13.4 m = 22.9  Dur = 9.4s Dmag = 9.5 Sun: 128° Moon: 59°

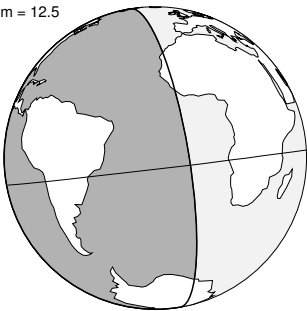
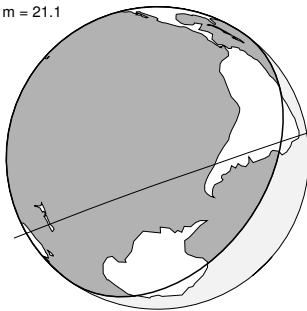
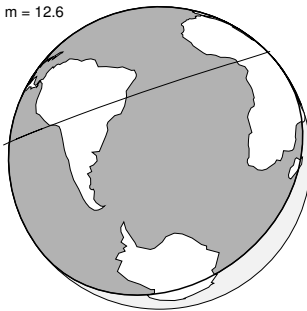
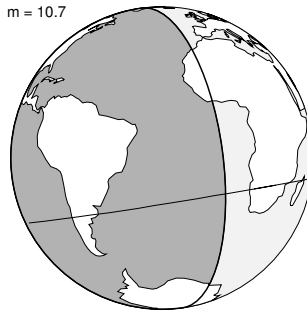
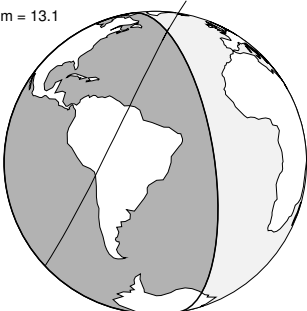
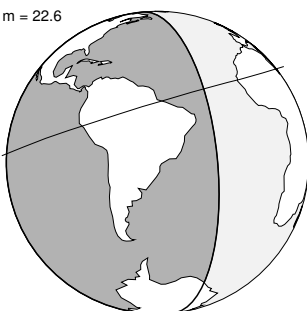
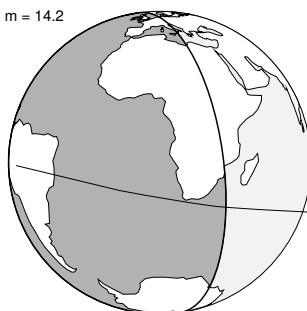
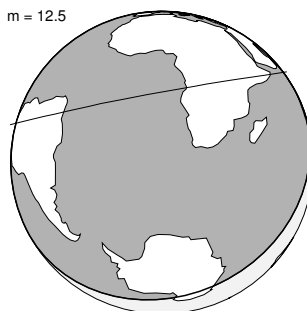
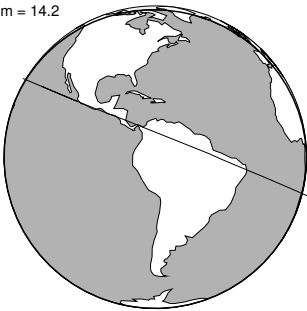
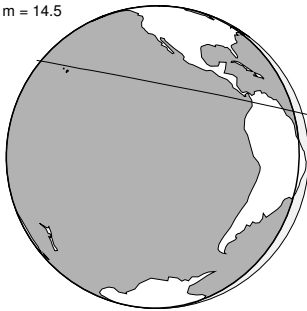
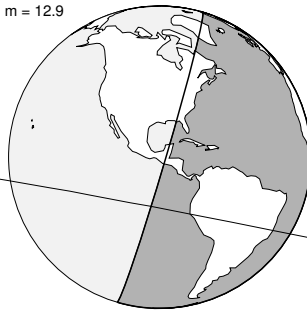
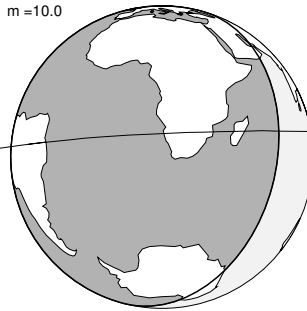
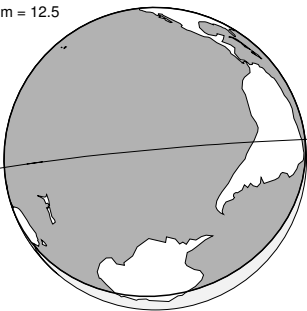
Occultations by major and minor planets – 2027

Region 2

2027 apr 1 8h23.1m A27_04140 4035 Thestor UCAC4 371–064143 Diam = 57.5 m = 12.2 m = 16.5  Dur = 3.4s Dmag = 4.3 Sun: 167° Moon: 105°	2027 apr 2 5h16.3m A27_04028 81 Terpsichore UCAC5 293–183548 Diam = 124.0 m = 12.4 m = 14.5  Dur = 9.5s Dmag = 2.3 Sun: 94° Moon: 40°	2027 apr 5 5h19.9m A27_04017 54 Alexandra TYC 7299–02067–1 Diam = 171.0 m = 11.5 m = 11.6  Dur = 22.1s Dmag = 0.8 Sun: 144° Moon: 127°	2027 apr 11 6h10.8m A27_04141 169071 2001FR185 TYC 6814–01496–1 Diam = 105.2 m = 10.9 m = 23.2  Dur = 10.0s Dmag = 12.3 Sun: 123° Moon: 178°
2027 apr 15 7h56.1m A27_04041 122 Gerda UCAC5 343–109143 Diam = 86.5 m = 12.3 m = 13.4  Dur = 39.5s Dmag = 1.4 Sun: 118° Moon: 133°	2027 apr 16 2h39.1m A27_04098 786 Bredichina TYC 0896–00505–1 Diam = 93.2 m = 11.3 m = 12.6  Dur = 8.7s Dmag = 1.6 Sun: 157° Moon: 58°	2027 apr 18 6h11.6m A27_04009 36 Atalante TYC 7879–00981–1 Diam = 109.0 m = 9.9 m = 14.2  Dur = 10.0s Dmag = 4.3 Sun: 129° Moon: 81°	2027 apr 20 6h 5.0m A27_04044 156 Xanthippe TYC 5752–02109–1 Diam = 126.0 m = 10.4 m = 13.3  Dur = 6.2s Dmag = 3.0 Sun: 86° Moon: 103°
2027 apr 21 9h24.1m B27_04021 2012HW87 UCAC4 369–136018 Diam = 125.9 m = 12.8 m = 23.3  Dur = 23.7s Dmag = 10.5 Sun: 112° Moon: 63°	2027 apr 22 2h46.6m A27_04050 187 Lamberta HIP 66233 Diam = 135.0 m = 8.1 m = 10.2  Dur = 16.5s Dmag = 2.2 Sun: 174° Moon: 19°	2027 apr 22 21h13.6m A27_04015 49 Pales TYC 1863–01172–1 Diam = 154.0 m = 10.8 m = 13.4  Dur = 4.4s Dmag = 2.7 Sun: 56° Moon: 146°	2027 apr 23 7h30.9m B27_04023 2014JT80 UCAC4 389–103645 Diam = 138.0 m = 14.7 m = 22.5  Dur = 24.0s Dmag = 7.8 Sun: 109° Moon: 44°
2027 apr 24 3h 3.2m A27_04038 114 Cassandra TYC 1393–01146–1 Diam = 103.0 m = 10.3 m = 12.7  Dur = 6.7s Dmag = 2.6 Sun: 95° Moon: 122°	2027 apr 24 5h16.1m A27_04031 82 Alkmene UCAC4 323–102839 Diam = 63.6 m = 11.7 m = 12.9  Dur = 12.4s Dmag = 1.5 Sun: 134° Moon: 6°	2027 apr 24 5h26.7m B27_04006 523706 2014HF200 UCAC4 293–130134 Diam = 285.8 m = 13.3 m = 21.5  Dur = 19.8s Dmag = 8.2 Sun: 132° Moon: 9°	2027 apr 24 7h29.7m A27_04004 11 Parthenope UCAC5 358–165913 Diam = 162.0 m = 12.4 m = 10.7  Dur = 18.1s Dmag = 0.2 Sun: 110° Moon: 31°

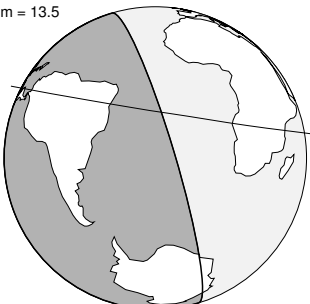
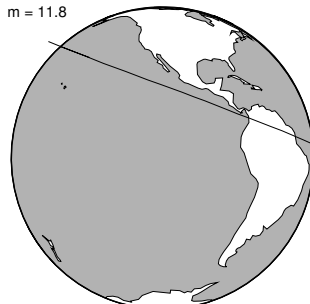
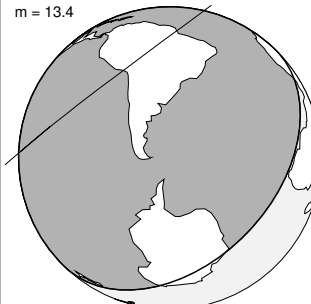
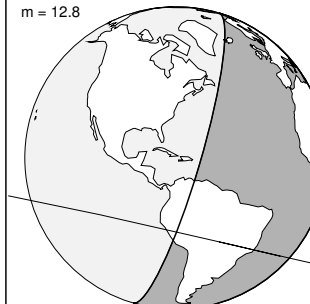
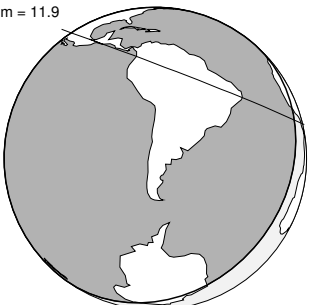
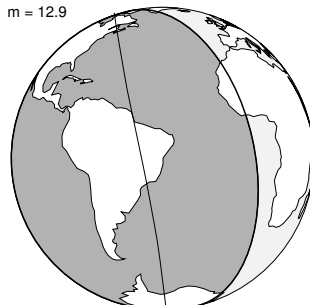
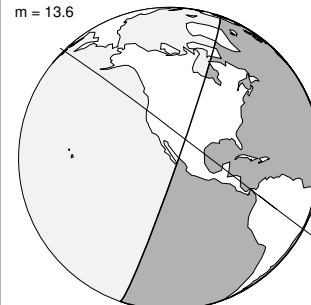
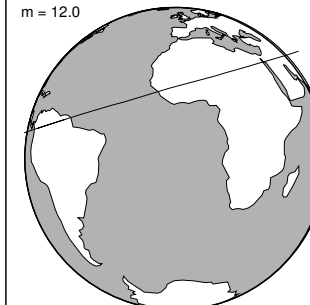
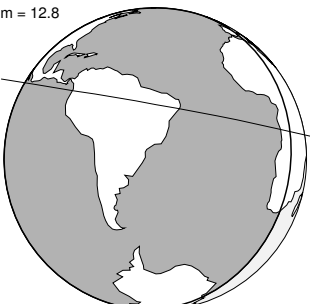
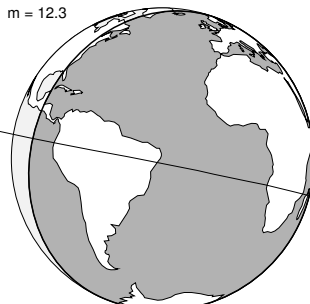
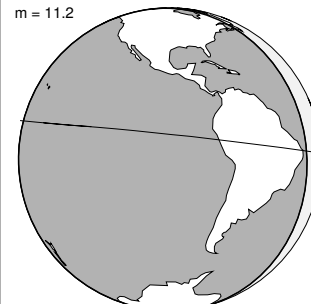
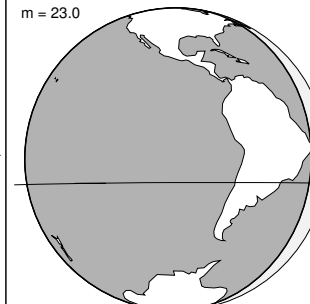
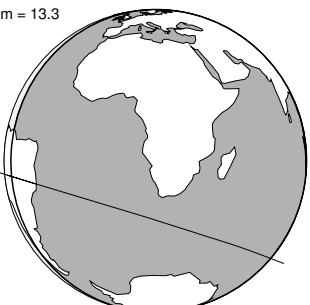
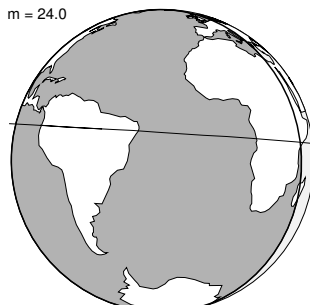
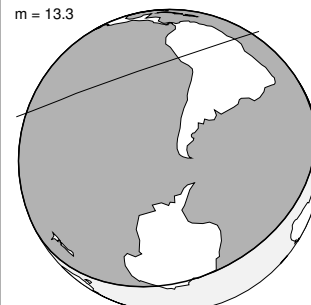
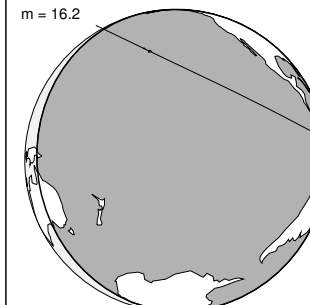
Occultations by major and minor planets – 2027

Region 2

2027 apr 25 6h36.4m A27_04042 140 Siwa TYC 6306–01516–1 Diam = 114.0 m = 9.7 m = 12.5  Dur = 7.9s Dmag = 2.9 Sun: 102° Moon: 27°	2027 apr 27 9h19.1m B27_04003 120216 2004EW95 UCAC4 224–115454 Diam = 201.4 m = 13.0 m = 21.1  Dur = 10.4s Dmag = 8.1 Sun: 136° Moon: 41°	2027 apr 28 2h59.3m A27_04036 98 lanthe UCAC4 244–083983 Diam = 109.0 m = 10.7 m = 12.6  Dur = 10.6s Dmag = 2.1 Sun: 147° Moon: 59°	2027 apr 28 6h15.5m A27_04005 11 Parthenope UCAC4 359–176437 Diam = 162.0 m = 11.8 m = 10.7  Dur = 21.6s Dmag = 0.3 Sun: 113° Moon: 18°
2027 apr 28 7h37.6m A27_04101 790 Pretoria UCAC4 368–160887 Diam = 176.0 m = 12.4 m = 13.1  Dur = 16.6s Dmag = 1.2 Sun: 112° Moon: 19°	2027 apr 29 7h58.3m B27_04002 119069 2001KN77 UCAC4 327–179103 Diam = 136.8 m = 14.8 m = 22.6  Dur = 24.3s Dmag = 7.7 Sun: 113° Moon: 29°	2027 may 2 4h 1.0m A27_05117 758 Mancunia UCAC4 347–170036 Diam = 86.5 m = 11.9 m = 14.2  Dur = 33.0s Dmag = 2.4 Sun: 114° Moon: 62°	2027 may 4 0h28.9m A27_05035 98 lanthe UCAC4 243–086322 Diam = 109.0 m = 11.9 m = 12.5  Dur = 10.1s Dmag = 1.2 Sun: 152° Moon: 129°
2027 may 4 4h58.3m A27_05065 318 Magdalena TYC 4991–00372–1 Diam = 55.0 m = 9.9 m = 14.2  Dur = 4.0s Dmag = 4.3 Sun: 166° Moon: 147°	2027 may 4 9h 7.1m A27_05105 656 Beagle UCAC4 349–077980 Diam = 57.5 m = 11.8 m = 14.5  Dur = 5.4s Dmag = 2.8 Sun: 159° Moon: 132°	2027 may 6 0h17.0m A27_05040 114 Kassandra UCAC4 533–048522 Diam = 103.0 m = 11.7 m = 12.9  Dur = 5.2s Dmag = 1.5 Sun: 87° Moon: 94°	2027 may 6 1h46.3m A27_05007 15 Eunomia TYC 7384–00629–1 Diam = 272.0 m = 9.1 m = 10.0  Dur = 41.1s Dmag = 1.3 Sun: 138° Moon: 135°
2027 may 8 8h 9.0m A27_05038 98 lanthe TYC 7843–01549–1 Diam = 109.0 m = 11.0 m = 12.5  Dur = 9.9s Dmag = 1.8 Sun: 154° Moon: 159°	2027 may 10 6h39.2m A27_05160 469987 2006HJ123 UCAC4 375–088292 Diam = 250.0 m = 12.0 m = 21.2  Dur = 13.2s Dmag = 9.2 Sun: 145° Moon: 159°	2027 may 10 6h41.0m B27_05005 469987 2006HJ123 PPMX 11620432 Diam = 250.0 m = 13.8 m = 21.2  Dur = 13.2s Dmag = 7.3 Sun: 145° Moon: 159°	2027 may 11 6h40.9m A27_05153 3148 Grechko TYC 6844–02501–1 Diam = 51.5 m = 10.6 m = 17.4  Dur = 9.0s Dmag = 6.9 Sun: 134° Moon: 161°

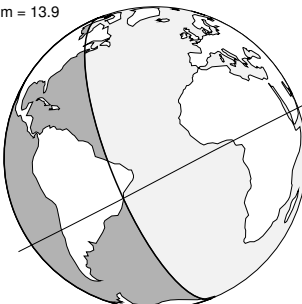
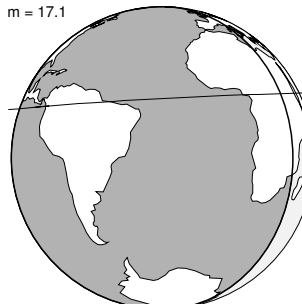
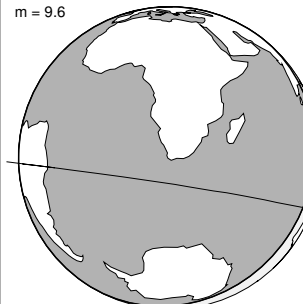
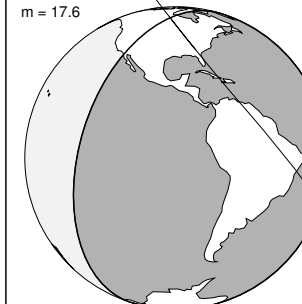
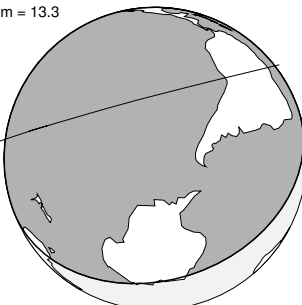
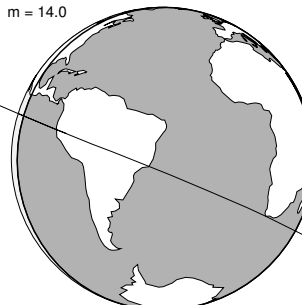
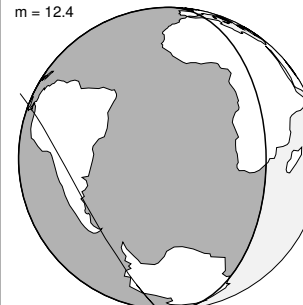
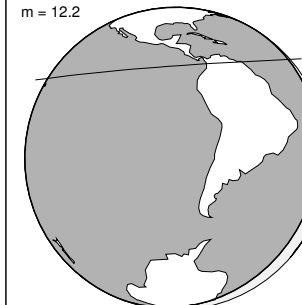
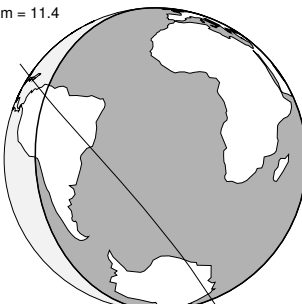
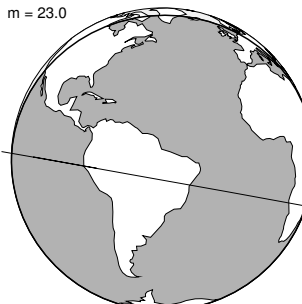
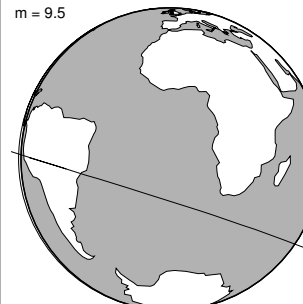
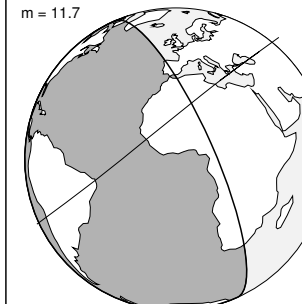
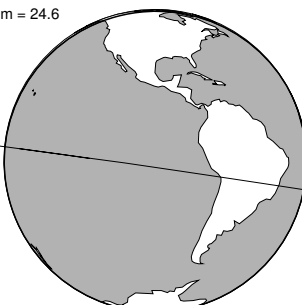
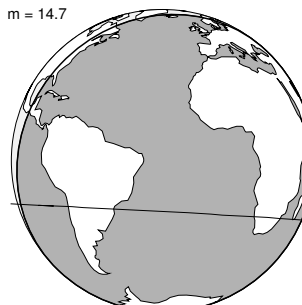
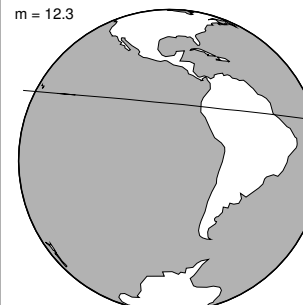
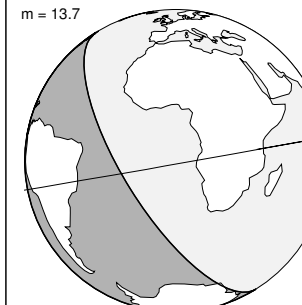
Occultations by major and minor planets – 2027

Region 2

2027 may 11 7h32.8m A27_05108 680 Geneveva UCAC4 272-194553 Diam = 86.7 m = 11.3  Dur = 4.6s Dmag = 2.4 Sun: 97° Moon: 156°	2027 may 11 7h34.4m A27_05014 34 Circe TYC 5602-00477-1 Diam = 118.0 m = 11.8  Dur = 10.8s Dmag = 3.0 Sun: 173° Moon: 115°	2027 may 12 5h37.3m A27_05061 247 Eukrate UCAC4 173-189476 Diam = 137.0 m = 12.3  Dur = 9.9s Dmag = 1.4 Sun: 135° Moon: 127°	2027 may 13 22h42.0m A27_05054 202 Chryseis TYC 1404-00828-1 Diam = 85.5 m = 10.7  Dur = 3.9s Dmag = 2.3 Sun: 80° Moon: 19°
2027 may 14 6h 9.2m A27_05101 654 Zelinda TYC 7868-01789-1 Diam = 132.0 m = 11.1  Dur = 12.5s Dmag = 1.2 Sun: 151° Moon: 99°	2027 may 14 6h12.2m A27_05118 790 Pretoria UCAC5 379-130968 Diam = 176.0 m = 12.5  Dur = 19.5s Dmag = 1.0 Sun: 127° Moon: 128°	2027 may 15 1h46.8m A27_05031 87 Sylvia UCAC4 576-046243 Diam = 271.0 m = 12.4  Dur = 17.0s Dmag = 1.5 Sun: 86° Moon: 31°	2027 may 17 1h 0.9m A27_05095 596 Scheila UCAC4 368-075397 Diam = 117.0 m = 12.3  Dur = 11.1s Dmag = 0.6 Sun: 170° Moon: 50°
2027 may 17 4h45.3m A27_05098 639 Latona Gaia 062-0207563 Diam = 74.5 m = 11.6  Dur = 8.0s Dmag = 1.5 Sun: 152° Moon: 65°	2027 may 19 0h15.1m A27_05047 138 Tolosa TYC 5546-01408-1 Diam = 47.5 m = 8.3  Dur = 6.1s Dmag = 4.0 Sun: 149° Moon: 15°	2027 may 22 8h13.5m A27_05023 65 Cybele UCAC4 359-108627 Diam = 230.0 m = 12.3  Dur = 27.3s Dmag = 0.3 Sun: 154° Moon: 10°	2027 may 22 8h25.7m B27_05003 363401 2003LB7 UCAC4 326-114286 Diam = 189.7 m = 14.1  Dur = 8.8s Dmag = 8.9 Sun: 153° Moon: 5°
2027 may 23 21h35.6m A27_05055 203 Pompeja TYC 6162-00743-1 Diam = 120.0 m = 11.7  Dur = 10.5s Dmag = 1.8 Sun: 162° Moon: 56°	2027 may 24 3h20.0m A27_05162 2002GR32 TYC 6256-01285-1 Diam = 79.4 m = 10.7  Dur = 3.7s Dmag = 13.3 Sun: 156° Moon: 19°	2027 may 24 6h20.9m A27_05062 247 Eukrate UCAC4 168-186869 Diam = 137.0 m = 12.5  Dur = 9.3s Dmag = 1.2 Sun: 142° Moon: 38°	2027 may 24 7h57.3m A27_05092 588 Achilles TYC 6740-00921-1 Diam = 147.0 m = 10.1  Dur = 9.2s Dmag = 6.1 Sun: 156° Moon: 64°

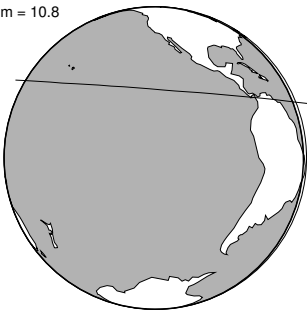
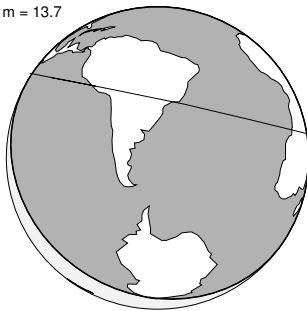
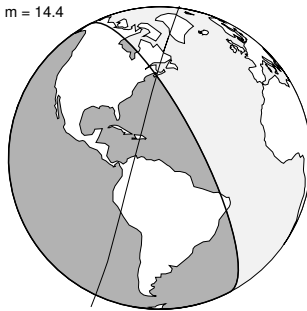
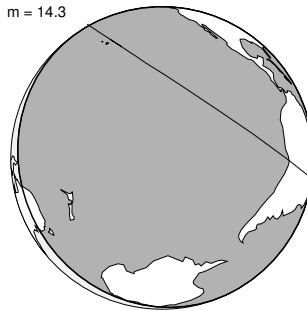
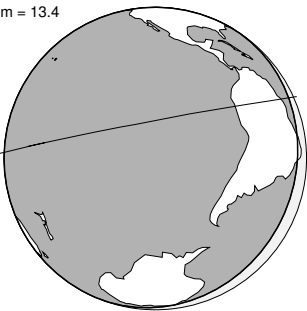
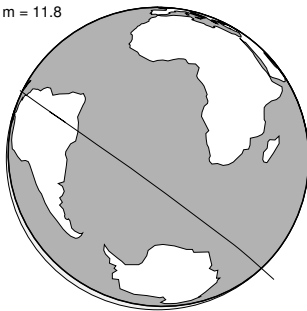
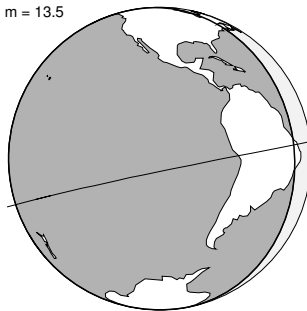
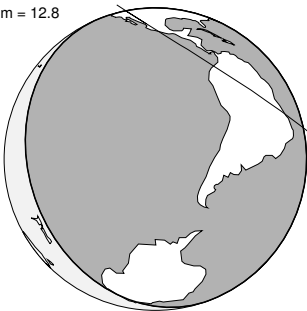
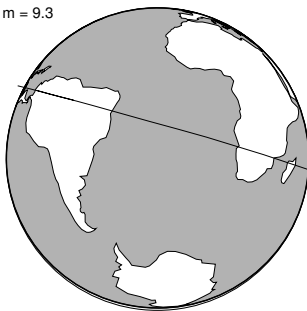
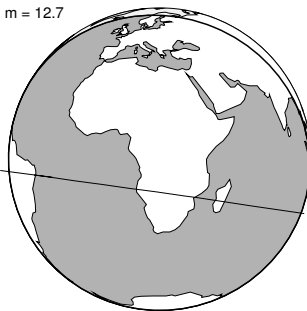
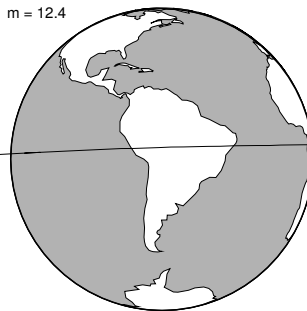
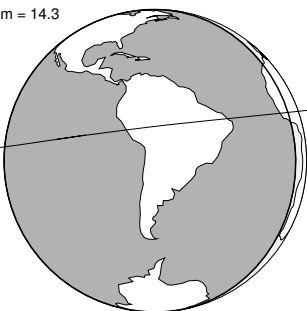
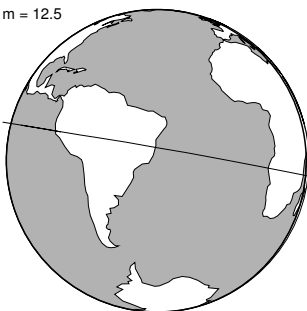
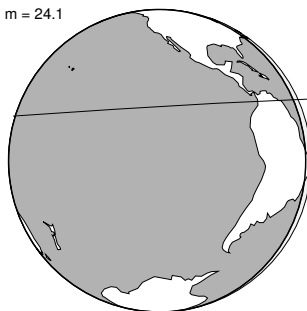
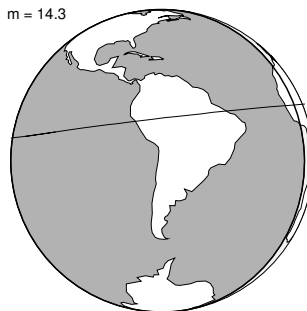
Occultations by major and minor planets – 2027

Region 2

2027 may 24 8h58.5m A27_05057 211 Isolda UCAC5 447–129554 Diam = 148.0 m = 12.5 m = 13.9  Dur = 5.7s Dmag = 1.7 Sun: 72° Moon: 64°	2027 may 25 3h53.7m A27_05154 3148 Grechko UCAC4 329–130445 Diam = 51.5 m = 10.6 m = 17.1  Dur = 5.0s Dmag = 6.6 Sun: 149° Moon: 22°	2027 may 25 23h51.5m A27_05008 15 Eunomia TYC 7370–00226–1 Diam = 272.0 m = 10.7 m = 9.6  Dur = 22.8s Dmag = 0.3 Sun: 159° Moon: 45°	2027 may 26 2h39.4m A27_05150 3134 Kostinsky TYC 5531–01282–1 Diam = 55.8 m = 10.5 m = 17.6  Dur = 7.5s Dmag = 7.2 Sun: 129° Moon: 113°
2027 may 27 7h28.7m A27_05064 247 Eukrate UCAC4 167–176915 Diam = 137.0 m = 11.9 m = 13.3  Dur = 9.2s Dmag = 1.6 Sun: 143° Moon: 66°	2027 may 28 1h13.0m A27_05074 395 Delia TYC 6177–00341–1 Diam = 54.0 m = 10.3 m = 14.0  Dur = 5.7s Dmag = 3.7 Sun: 163° Moon: 100°	2027 may 29 4h37.2m A27_05051 161 Athor UCAC4 276–210202 Diam = 45.7 m = 11.5 m = 12.4  Dur = 9.6s Dmag = 1.3 Sun: 129° Moon: 50°	2027 may 29 7h17.0m A27_05043 120 Lachesis UCAC4 283–131116 Diam = 178.0 m = 12.3 m = 12.2  Dur = 17.3s Dmag = 0.7 Sun: 158° Moon: 79°
2027 may 29 22h14.7m A27_05019 54 Alexandra TYC 7266–00257–1 Diam = 171.0 m = 9.6 m = 11.4  Dur = 23.2s Dmag = 2.0 Sun: 142° Moon: 136°	2027 may 30 3h 4.1m B27_05025 2015KG465 UCAC4 432–063064 Diam = 116.4 m = 13.1 m = 23.0  Dur = 5.1s Dmag = 9.9 Sun: 161° Moon: 111°	2027 jun 2 23h35.2m A27_06001 7 Iris TYC 6779–00258–1 Diam = 329.6 m = 11.6 m = 9.5  Dur = 24.0s Dmag = 0.2 Sun: 169° Moon: 165°	2027 jun 3 5h 0.8m A27_06019 41 Daphne UCAC4 464–127113 Diam = 182.0 m = 12.5 m = 11.7  Dur = 21.7s Dmag = 0.4 Sun: 104° Moon: 82°
2027 jun 3 6h18.2m B27_06037 2015KC174 UCAC4 384–073850 Diam = 109.6 m = 13.4 m = 24.6  Dur = 4.4s Dmag = 11.2 Sun: 170° Moon: 158°	2027 jun 4 0h41.1m A27_06116 744 Aguntina TYC 5596–00896–1 Diam = 62.0 m = 10.4 m = 14.7  Dur = 5.9s Dmag = 4.3 Sun: 158° Moon: 162°	2027 jun 4 6h 0.6m A27_06036 82 Alkmene UCAC4 324–085071 Diam = 63.6 m = 11.9 m = 12.3  Dur = 5.0s Dmag = 1.0 Sun: 176° Moon: 174°	2027 jun 4 7h46.8m A27_06126 814 Tauris UCAC4 372–001019 Diam = 116.0 m = 12.3 m = 13.7  Dur = 3.5s Dmag = 1.7 Sun: 69° Moon: 65°

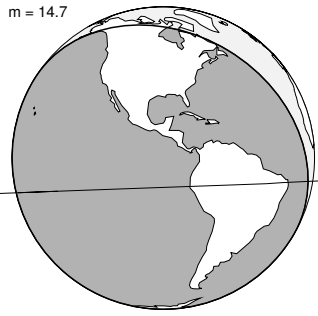
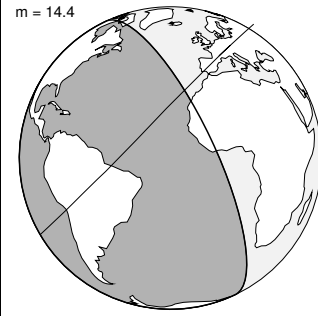
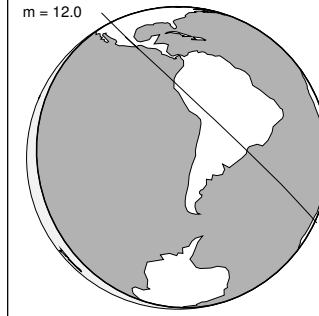
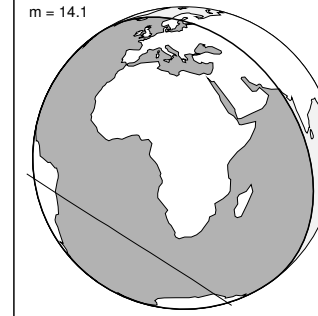
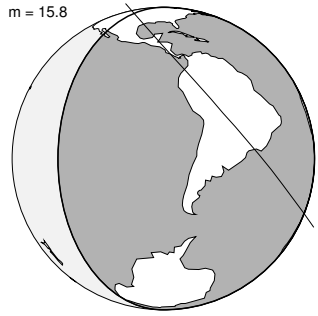
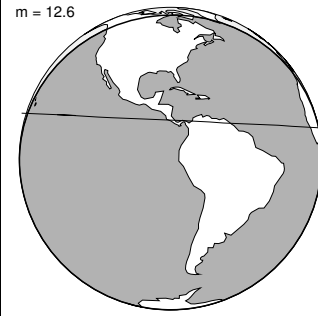
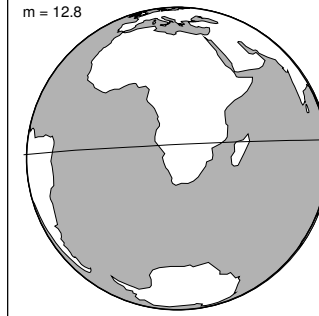
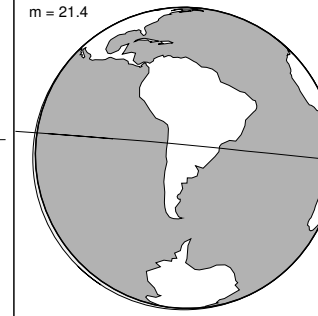
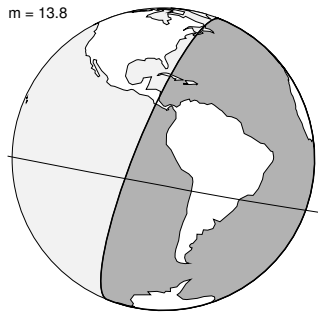
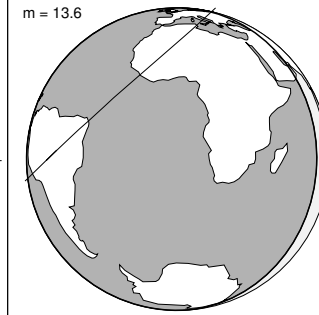
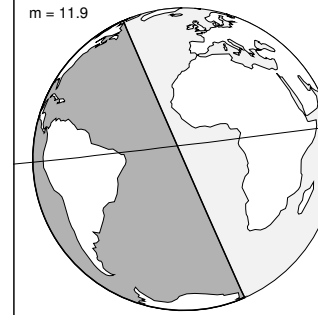
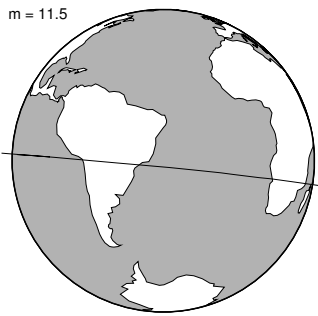
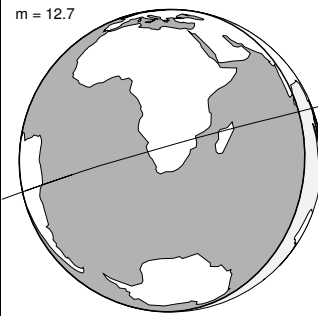
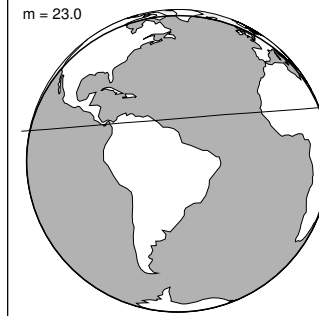
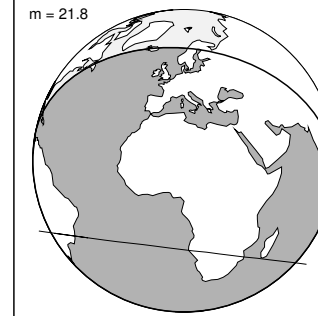
Occultations by major and minor planets – 2027

Region 2

2027 jun 4 8h50.1m A27_06013 19 Fortuna UCAC4 343–106850 Diam = 149.0 m = 11.9 m = 10.8  Dur = 13.1s Dmag = 0.3 Sun: 168° Moon: 161°	2027 jun 6 2h21.7m A27_06017 36 Atalante TYC 8309–00844–1 Diam = 109.0 m = 10.8 m = 13.7  Dur = 7.0s Dmag = 2.9 Sun: 154° Moon: 147°	2027 jun 6 8h41.3m A27_06071 276 Adelheid TYC 1110–00379–1 Diam = 127.0 m = 11.4 m = 14.4  Dur = 11.5s Dmag = 3.0 Sun: 105° Moon: 123°	2027 jun 7 7h34.2m A27_06108 657 Guniöld UCAC4 284–081205 Diam = 43.6 m = 11.7 m = 14.3  Dur = 4.5s Dmag = 2.7 Sun: 160° Moon: 130°
2027 jun 7 8h49.3m A27_06034 81 Terpsichore TYC 7401–02386–1 Diam = 124.0 m = 11.0 m = 13.4  Dur = 9.8s Dmag = 2.5 Sun: 157° Moon: 162°	2027 jun 7 23h43.9m A27_06105 654 Zelinda UCAC4 273–089823 Diam = 132.0 m = 12.2 m = 11.8  Dur = 10.0s Dmag = 0.6 Sun: 164° Moon: 128°	2027 jun 8 8h56.0m A27_06119 758 Mancunia UCAC4 343–180787 Diam = 86.5 m = 12.0 m = 13.5  Dur = 7.7s Dmag = 1.8 Sun: 152° Moon: 158°	2027 jun 9 4h17.2m B27_06014 469987 2006HJ123 UCAC4 376–086032 Diam = 250.0 m = 13.6 m = 21.1  Dur = 10.6s Dmag = 7.5 Sun: 170° Moon: 124°
2027 jun 9 4h31.4m A27_06041 98 Ianthe UCAC4 249–068753 Diam = 109.0 m = 11.9 m = 12.8  Dur = 13.0s Dmag = 1.3 Sun: 146° Moon: 94°	2027 jun 10 1h15.1m A27_06011 15 Eunomia UCAC4 285–113872 Diam = 272.0 m = 12.3 m = 9.3  Dur = 20.0s Dmag = 0.1 Sun: 169° Moon: 107°	2027 jun 11 23h 7.3m A27_06052 238 Hypatia Gaia 085–0133444 Diam = 156.0 m = 11.5 m = 12.7  Dur = 12.4s Dmag = 1.5 Sun: 160° Moon: 92°	2027 jun 12 4h25.6m A27_06070 275 Sapientia UCAC4 365–090731 Diam = 103.0 m = 12.5 m = 12.4  Dur = 9.2s Dmag = 0.7 Sun: 173° Moon: 82°
2027 jun 12 5h59.7m A27_06075 300 Geraldina UCAC5 332–168396 Diam = 79.1 m = 12.3 m = 14.3  Dur = 7.6s Dmag = 2.2 Sun: 158° Moon: 102°	2027 jun 13 3h19.1m A27_06112 675 Ludmilla TYC 6276–00731–1 Diam = 109.1 m = 11.0 m = 12.5  Dur = 7.8s Dmag = 1.7 Sun: 169° Moon: 80°	2027 jun 13 8h57.8m B27_06002 52747 1998HM151 UCAC4 333–174317 Diam = 115.9 m = 14.4 m = 24.1  Dur = 4.9s Dmag = 9.7 Sun: 164° Moon: 81°	2027 jun 14 6h 1.5m A27_06074 300 Geraldina UCAC4 332–184700 Diam = 79.1 m = 12.1 m = 14.3  Dur = 7.3s Dmag = 2.4 Sun: 160° Moon: 75°

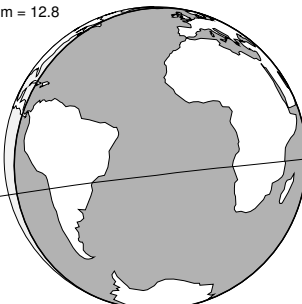
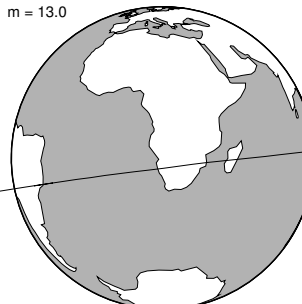
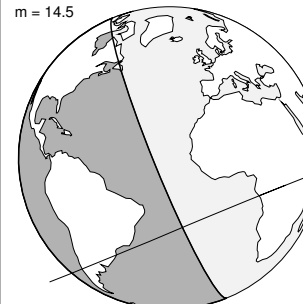
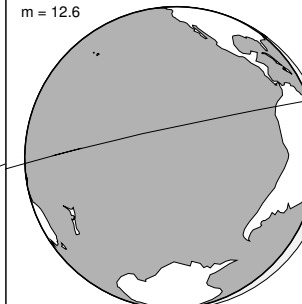
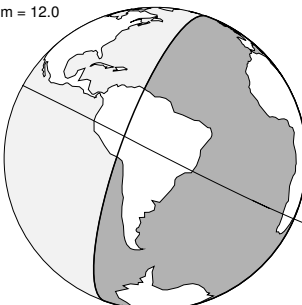
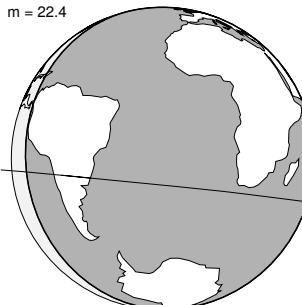
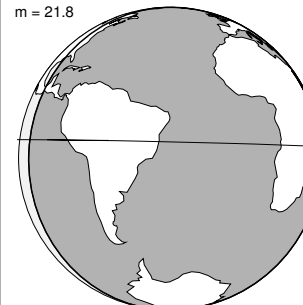
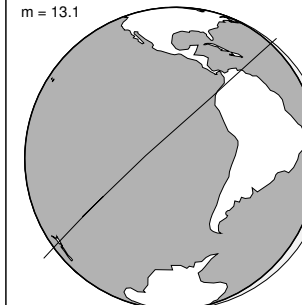
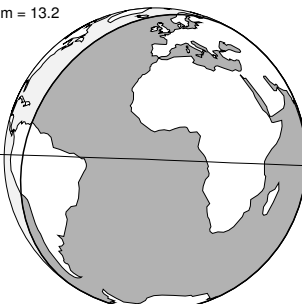
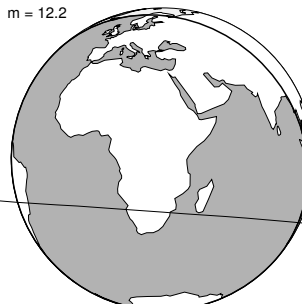
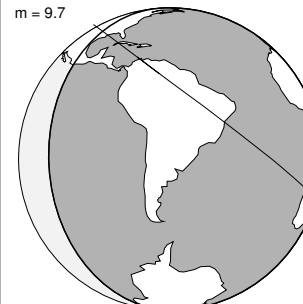
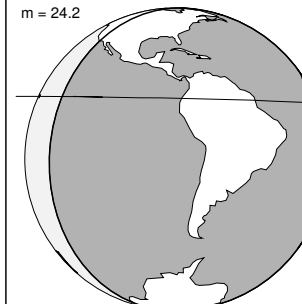
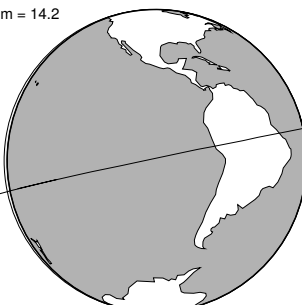
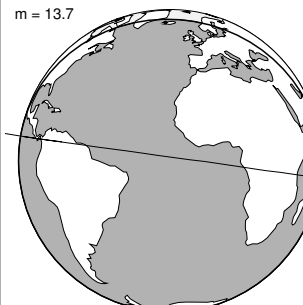
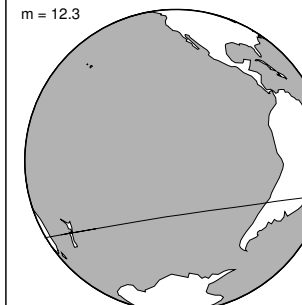
Occultations by major and minor planets – 2027

Region 2

2027 jun 15 7h18.9m A27_06111 667 Denise TYC 0456–00254–1 Diam = 83.5 m = 9.1 m = 14.7  Dur = 5.8s Dmag = 5.6 Sun: 146° Moon: 69°	2027 jun 16 6h16.8m A27_06083 429 Lotis TYC 0559–01523–1 Diam = 70.3 m = 10.5 m = 14.4  Dur = 6.6s Dmag = 3.9 Sun: 107° Moon: 105°	2027 jun 18 3h47.1m A27_06106 654 Zelinda UCAC5 283–085565 Diam = 132.0 m = 12.5 m = 12.0  Dur = 10.7s Dmag = 0.5 Sun: 157° Moon: 12°	2027 jun 19 0h49.4m A27_06091 568 Cheruskia UCAC4 438–110374 Diam = 89.7 m = 10.6 m = 14.1  Dur = 7.9s Dmag = 3.5 Sun: 140° Moon: 41°
2027 jun 19 2h22.3m A27_06142 1049 Gotho UCAC4 279–073420 Diam = 58.2 m = 12.3 m = 15.8  Dur = 6.9s Dmag = 3.5 Sun: 134° Moon: 45°	2027 jun 20 5h28.8m A27_06053 238 Hypatia UCAC5 425–069411 Diam = 156.0 m = 12.5 m = 12.6  Dur = 12.3s Dmag = 0.8 Sun: 161° Moon: 26°	2027 jun 20 23h14.3m A27_06049 184 Dejopeja TYC 6861–02431–1 Diam = 68.2 m = 10.7 m = 12.8  Dur = 5.6s Dmag = 2.2 Sun: 171° Moon: 13°	2027 jun 21 3h30.8m B27_06019 523706 2014HF200 UCAC4 293–125450 Diam = 285.8 m = 14.4 m = 21.4  Dur = 12.4s Dmag = 7.0 Sun: 166° Moon: 34°
2027 jun 22 23h59.4m A27_06050 200 Dynamene UCAC4 393–055545 Diam = 132.0 m = 11.5 m = 13.8  Dur = 13.6s Dmag = 2.4 Sun: 101° Moon: 122°	2027 jun 23 4h17.3m A27_06047 184 Dejopeja UCAC4 327–155206 Diam = 68.2 m = 12.3 m = 12.7  Dur = 5.5s Dmag = 1.0 Sun: 174° Moon: 40°	2027 jun 24 1h37.6m A27_06139 986 Amelia HIP 97613 Diam = 53.0 m = 7.2 m = 13.6  Dur = 5.1s Dmag = 6.4 Sun: 156° Moon: 33°	2027 jun 24 7h 4.8m A27_06008 14 Irene TYC 5262–00038–1 Diam = 152.4 m = 10.0 m = 11.9  Dur = 9.8s Dmag = 2.1 Sun: 89° Moon: 35°
2027 jun 25 2h37.4m A27_06063 241 Germania UCAC5 337–127931 Diam = 169.0 m = 12.5 m = 11.5  Dur = 14.3s Dmag = 0.4 Sun: 177° Moon: 64°	2027 jun 28 0h24.8m A27_06015 35 Leukothea TYC 6919–00184–1 Diam = 108.0 m = 10.7 m = 12.7  Dur = 11.7s Dmag = 2.1 Sun: 152° Moon: 75°	2027 jun 29 3h24.5m B27_06031 2011HN104 UCAC4 416–079637 Diam = 103.3 m = 13.4 m = 23.0  Dur = 4.4s Dmag = 9.6 Sun: 163° Moon: 111°	2027 jun 30 23h49.5m B27_06016 470309 2007JK43 UCAC4 543–088651 Diam = 145.2 m = 13.3 m = 21.8  Dur = 6.1s Dmag = 8.5 Sun: 137° Moon: 112°

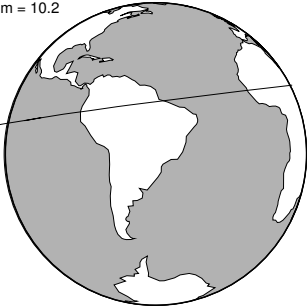
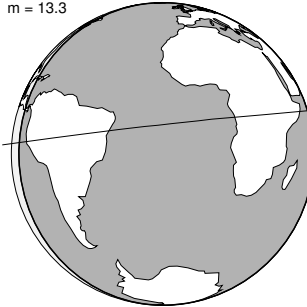
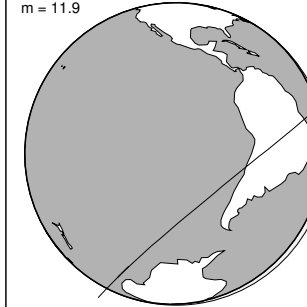
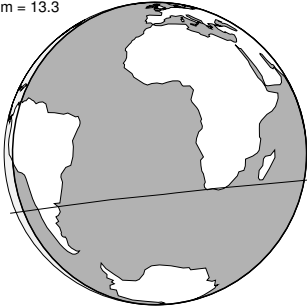
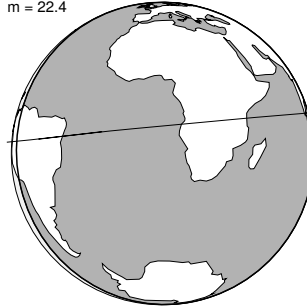
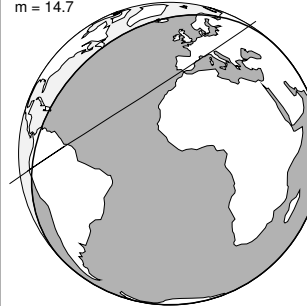
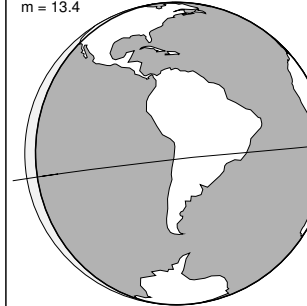
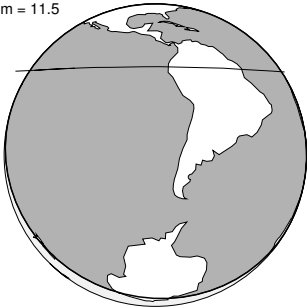
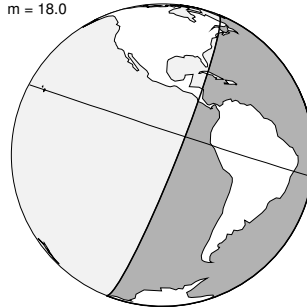
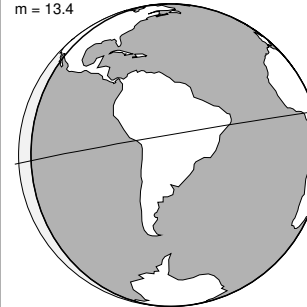
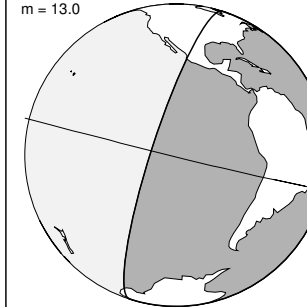
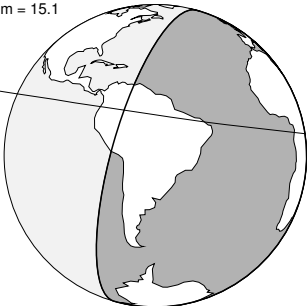
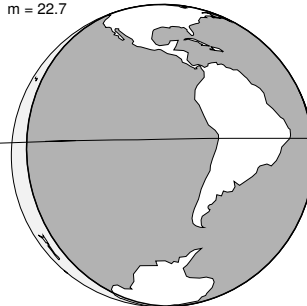
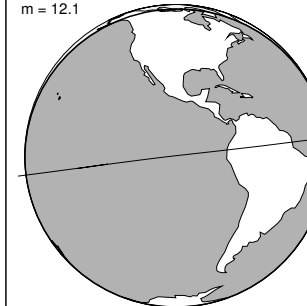
Occultations by major and minor planets – 2027

Region 2

2027 jul 1 23h53.9m A27_07074 275 Sappientia UCAC4 364–081043 Diam = 103.0 m = 11.8 m = 12.8  Dur = 11.2s Dmag = 1.3 Sun: 157° Moon: 167°	2027 jul 2 22h58.2m A27_07061 240 Vanadis TYC 6292–01257–1 Diam = 108.0 m = 10.7 m = 13.0  Dur = 8.1s Dmag = 2.4 Sun: 178° Moon: 162°	2027 jul 4 7h49.6m A27_07051 205 Martha TYC 0611–00778–1 Diam = 83.5 m = 10.8 m = 14.5  Dur = 4.2s Dmag = 3.7 Sun: 83° Moon: 86°	2027 jul 4 9h42.2m A27_07015 35 Leukothea TYC 7442–00218–1 Diam = 108.0 m = 9.7 m = 12.6  Dur = 10.3s Dmag = 3.0 Sun: 158° Moon: 163°
2027 jul 5 22h25.2m A27_07048 187 Lambertia TYC 6125–00194–1 Diam = 135.0 m = 10.1 m = 12.0  Dur = 10.3s Dmag = 2.1 Sun: 104° Moon: 79°	2027 jul 6 23h27.8m B27_07008 182294 2001KU76 UCAC4 304–119561 Diam = 202.3 m = 13.8 m = 22.4  Dur = 9.4s Dmag = 8.6 Sun: 154° Moon: 115°	2027 jul 9 0h53.0m B27_07010 469506 2003FF128 Gaia 067–0183236 Diam = 175.4 m = 14.2 m = 21.8  Dur = 8.2s Dmag = 7.6 Sun: 158° Moon: 91°	2027 jul 9 7h54.7m A27_07110 598 Octavia TYC 6916–00550–1 Diam = 74.7 m = 11.4 m = 13.1  Dur = 7.4s Dmag = 1.9 Sun: 159° Moon: 125°
2027 jul 9 22h37.2m A27_07101 509 Iolanda UCAC4 421–070705 Diam = 59.0 m = 11.9 m = 13.2  Dur = 6.0s Dmag = 1.6 Sun: 147° Moon: 74°	2027 jul 10 23h16.2m A27_07042 156 Xanthippe TYC 5171–01132–1 Diam = 126.0 m = 9.6 m = 12.2  Dur = 13.1s Dmag = 2.7 Sun: 155° Moon: 108°	2027 jul 11 1h27.7m A27_07009 15 Eunomia UCAC4 298–098285 Diam = 272.0 m = 12.4 m = 9.7  Dur = 28.4s Dmag = 0.1 Sun: 143° Moon: 50°	2027 jul 11 3h10.5m B27_07025 2013JL64 UCAC4 331–086994 Diam = 131.8 m = 13.4 m = 24.2  Dur = 6.4s Dmag = 10.8 Sun: 146° Moon: 53°
2027 jul 14 5h55.1m A27_07160 1107 Lictoria UCAC4 342–162439 Diam = 81.0 m = 12.1 m = 14.2  Dur = 5.7s Dmag = 2.3 Sun: 168° Moon: 38°	2027 jul 15 1h 8.5m A27_07035 120 Lachesis UCAC5 289–106758 Diam = 178.0 m = 12.4 m = 12.5  Dur = 23.1s Dmag = 0.8 Sun: 145° Moon: 8°	2027 jul 15 1h31.7m A27_07107 568 Chersukia UCAC4 446–120058 Diam = 89.7 m = 11.1 m = 13.7  Dur = 6.4s Dmag = 2.7 Sun: 159° Moon: 51°	2027 jul 16 8h 1.0m A27_07027 77 Frigga UCAC5 325–190547 Diam = 71.0 m = 12.5 m = 12.3  Dur = 5.7s Dmag = 0.7 Sun: 176° Moon: 25°

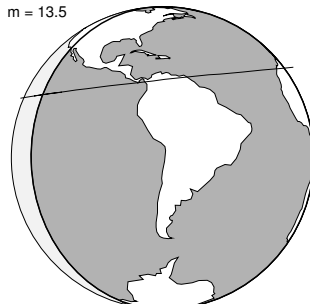
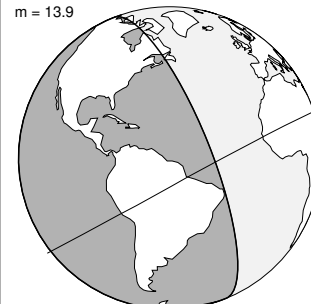
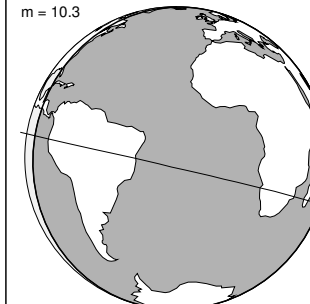
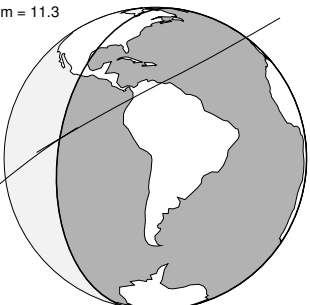
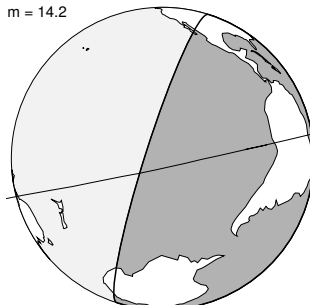
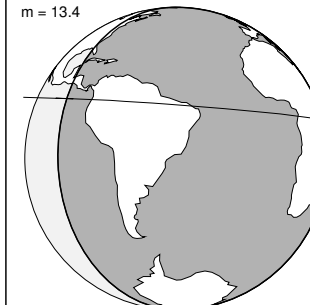
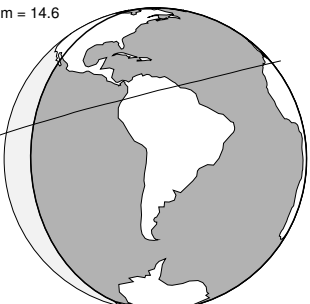
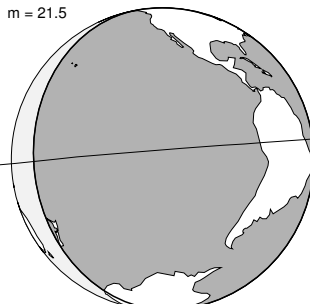
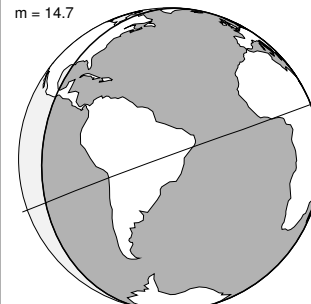
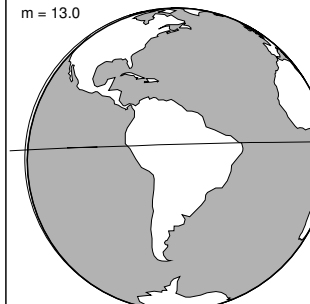
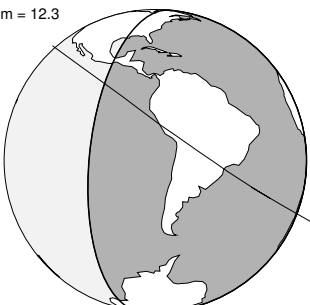
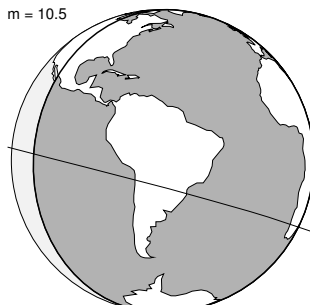
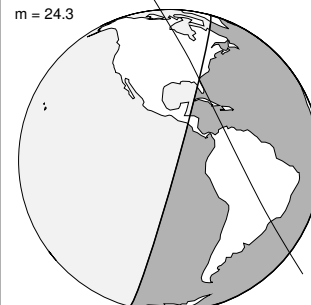
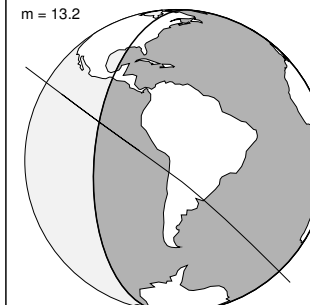
Occultations by major and minor planets – 2027

Region 2

2027 jul 18 2h59.1m A27_07012 20 Massalia TYC 6308–01232–1 Diam = 151.0 m = 11.2 m = 10.2  Dur = 12.1s Dmag = 0.4 Sun: 172° Moon: 3°	2027 jul 18 23h53.9m A27_07066 240 Vanadis UCAC4 337–157951 Diam = 108.0 m = 12.0 m = 13.3  Dur = 8.9s Dmag = 1.6 Sun: 161° Moon: 22°	2027 jul 19 6h 2.2m A27_07034 97 Klotho TYC 5206–00540–1 Diam = 87.1 m = 11.8  Dur = 8.4s Dmag = 2.3 Sun: 155° Moon: 19°	2027 jul 19 7h57.9m A27_07087 369 Aeria TYC 6934–00864–1 Diam = 62.2 m = 11.7 m = 11.9  Dur = 5.8s Dmag = 0.8 Sun: 165° Moon: 10°
2027 jul 19 23h 2.2m A27_07065 240 Vanadis TYC 6857–02726–1 Diam = 108.0 m = 9.6 m = 13.3  Dur = 9.0s Dmag = 3.8 Sun: 160° Moon: 33°	2027 jul 21 22h42.2m B27_07006 119069 2001KN77 UCAC4 326–183973 Diam = 136.8 m = 14.5 m = 22.4  Dur = 6.1s Dmag = 7.9 Sun: 164° Moon: 51°	2027 jul 21 23h13.4m A27_07115 667 Denise UCAC4 468–077973 Diam = 83.5 m = 14.7 m = 11.1  Dur = 5.3s Dmag = 3.6 Sun: 145° Moon: 61°	2027 jul 22 3h11.9m A27_07069 240 Vanadis UCAC4 337–153675 Diam = 108.0 m = 11.7 m = 13.4  Dur = 9.3s Dmag = 1.9 Sun: 158° Moon: 60°
2027 jul 22 5h18.3m A27_07045 161 Athor TYC 7936–00237–1 Diam = 45.7 m = 11.6 m = 11.5  Dur = 6.5s Dmag = 0.7 Sun: 159° Moon: 52°	2027 jul 23 0h 4.1m A27_07172 5652 Amphimachus UCAC4 396–055618 Diam = 45.7 m = 11.7 m = 18.0  Dur = 3.1s Dmag = 6.3 Sun: 84° Moon: 143°	2027 jul 23 2h22.2m A27_07132 758 Mancunia TYC 6857–02515–1 Diam = 86.5 m = 13.4 m = 10.0  Dur = 7.1s Dmag = 3.5 Sun: 156° Moon: 72°	2027 jul 24 1h38.7m A27_07022 47 Aglaja UCAC4 353–070205 Diam = 137.0 m = 12.4 m = 13.0  Dur = 12.0s Dmag = 1.1 Sun: 99° Moon: 140°
2027 jul 24 22h42.8m A27_07090 395 Delia TYC 6172–01001–1 Diam = 54.0 m = 15.1 m = 10.4  Dur = 5.8s Dmag = 4.7 Sun: 106° Moon: 142°	2027 jul 26 4h29.2m B27_07004 119066 2001KJ76 UCAC5 308–211837 Diam = 207.0 m = 15.0 m = 22.7  Dur = 9.6s Dmag = 7.7 Sun: 153° Moon: 110°	2027 jul 26 5h53.5m A27_07092 447 Valentine UCAC4 316–230289 Diam = 82.0 m = 13.3 m = 12.0  Dur = 7.1s Dmag = 1.5 Sun: 166° Moon: 98°	2027 jul 27 6h39.6m A27_07043 156 Xanthippe UCAC4 425–121336 Diam = 126.0 m = 12.1 m = 12.1  Dur = 11.9s Dmag = 0.7 Sun: 165° Moon: 94°

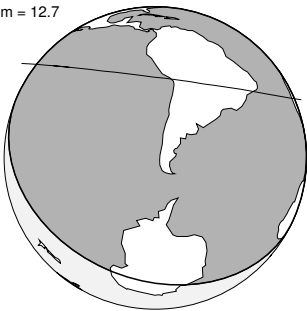
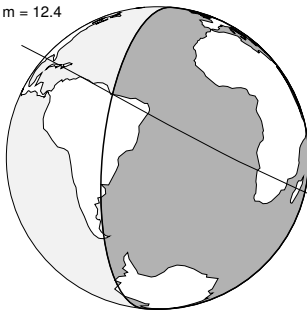
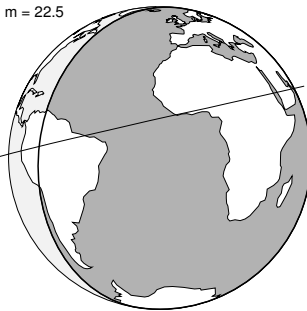
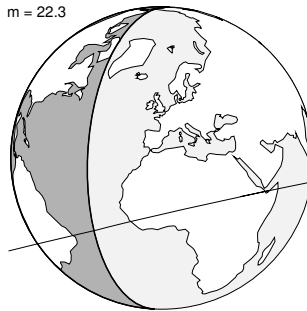
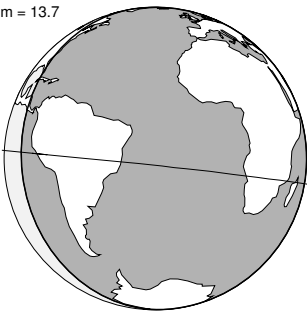
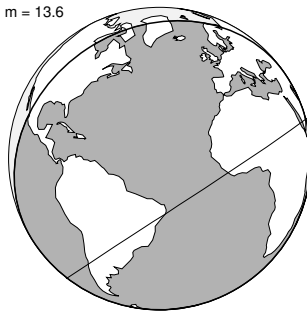
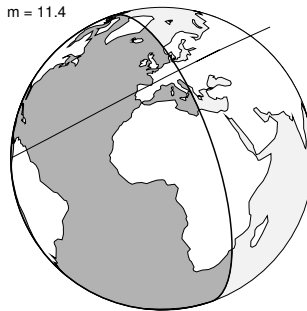
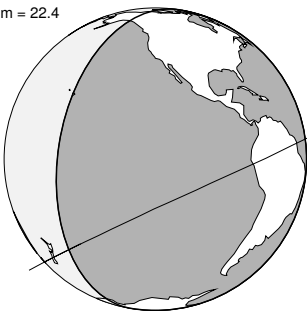
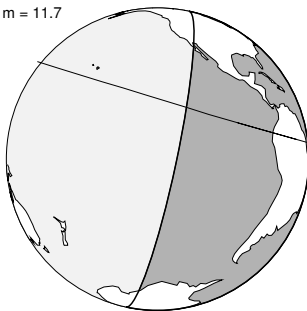
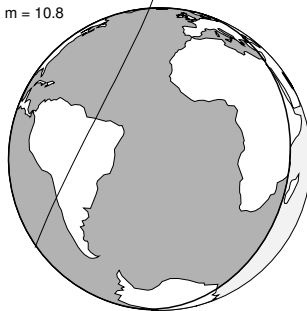
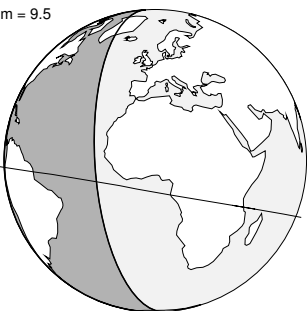
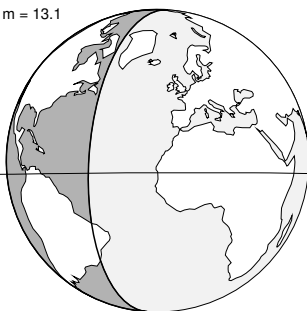
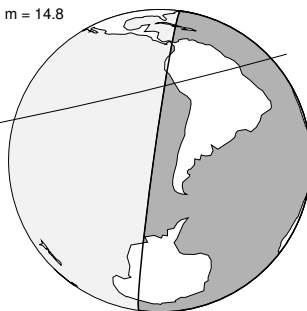
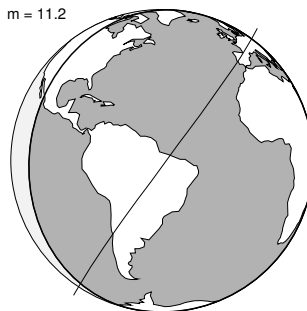
Occultations by major and minor planets – 2027

Region 2

2027 jul 28 4h 8.3m B27_07020 2001KH76 UCAC4 342-168428 Diam = 182.0 m = 13.4 m = 23.1  Dur = 8.2s Dmag = 9.7 Sun: 157° Moon: 130°	2027 jul 29 2h45.7m A27_07070 240 Vanadis UCAC4 336-148592 Diam = 108.0 m = 12.4 m = 13.5  Dur = 10.8s Dmag = 1.4 Sun: 150° Moon: 150°	2027 jul 29 8h33.4m A27_07044 160 Una HIP 5824 Diam = 85.0 m = 5.8 m = 13.9  Dur = 8.9s Dmag = 8.2 Sun: 105° Moon: 50°	2027 jul 30 0h18.9m A27_07127 704 Interamnia PPMX 11721644 Diam = 333.0 m = 12.1 m = 10.3  Dur = 27.6s Dmag = 0.2 Sun: 160° Moon: 149°
2027 jul 30 1h 9.8m A27_07020 44 Nysa UCAC4 353-086560 Diam = 73.3 m = 12.4 m = 11.3  Dur = 23.5s Dmag = 0.3 Sun: 130° Moon: 172°	2027 jul 31 2h 4.2m A27_07137 773 Irmintraud TYC 7286-00867-1 Diam = 99.1 m = 11.8 m = 14.2  Dur = 6.3s Dmag = 2.5 Sun: 96° Moon: 129°	2027 aug 1 2h21.2m A27_08078 495 Eulalia UCAC5 389-126350 Diam = 41.7 m = 12.4 m = 13.8  Dur = 4.5s Dmag = 1.6 Sun: 169° Moon: 151°	2027 aug 2 0h18.6m A27_08028 184 Deiopeja UCAC4 328-126053 Diam = 68.2 m = 11.8 m = 13.4  Dur = 10.8s Dmag = 1.8 Sun: 141° Moon: 147°
2027 aug 4 2h 7.4m A27_08124 1107 Lictoria Gaia 068-0245746 Diam = 81.0 m = 11.7 m = 14.6  Dur = 8.3s Dmag = 3.0 Sun: 145° Moon: 122°	2027 aug 4 5h45.9m B27_08028 2013KY18 UCAC4 325-186037 Diam = 182.0 m = 13.4 m = 21.5  Dur = 9.4s Dmag = 8.0 Sun: 148° Moon: 123°	2027 aug 8 0h49.9m A27_08038 239 Adraستا TYC 5718-00294-1 Diam = 43.0 m = 11.6 m = 14.7  Dur = 4.8s Dmag = 3.3 Sun: 147° Moon: 74°	2027 aug 8 3h26.9m A27_08122 972 Cohnia TYC 5762-00533-1 Diam = 79.0 m = 11.1 m = 13.0  Dur = 7.6s Dmag = 2.1 Sun: 168° Moon: 94°
2027 aug 10 0h47.4m A27_08069 432 Pythia TYC 6800-01725-1 Diam = 48.6 m = 10.3 m = 12.3  Dur = 6.1s Dmag = 2.1 Sun: 115° Moon: 16°	2027 aug 10 1h50.9m A27_08104 704 Interamnia PPMX 11712323 Diam = 333.0 m = 12.0 m = 10.5  Dur = 34.8s Dmag = 0.3 Sun: 148° Moon: 51°	2027 aug 11 0h10.0m B27_08033 2016EF364 UCAC4 444-059083 Diam = 95.1 m = 13.9 m = 24.3  Dur = 10.0s Dmag = 10.4 Sun: 86° Moon: 31°	2027 aug 13 0h35.5m A27_08100 675 Ludmilla UCAC4 351-101157 Diam = 109.1 m = 11.9 m = 13.2  Dur = 51.0s Dmag = 1.6 Sun: 122° Moon: 12°

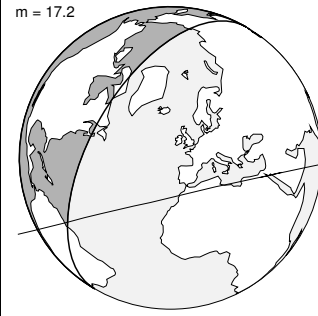
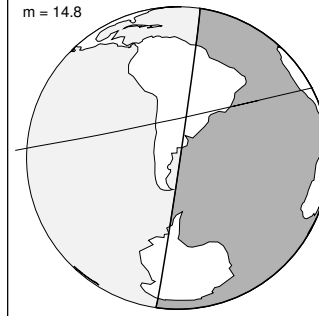
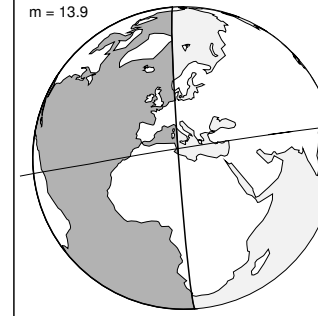
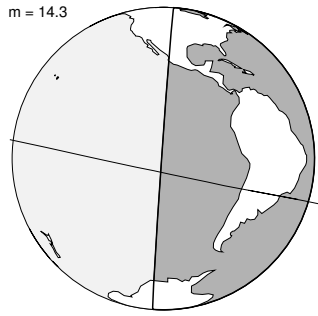
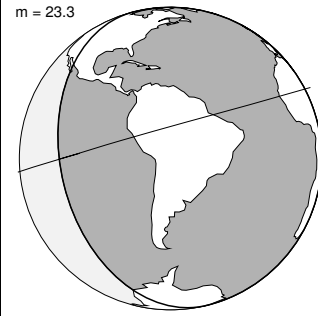
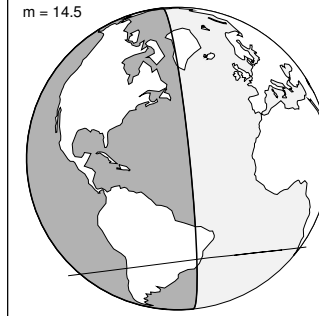
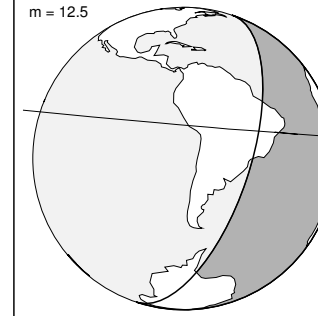
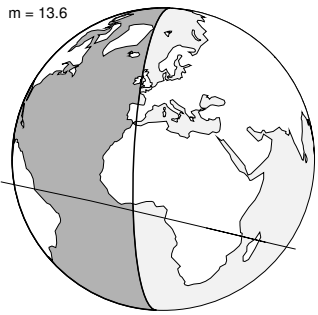
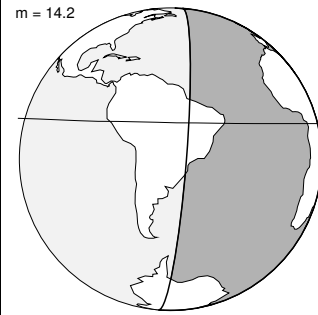
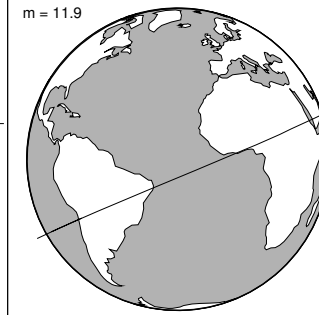
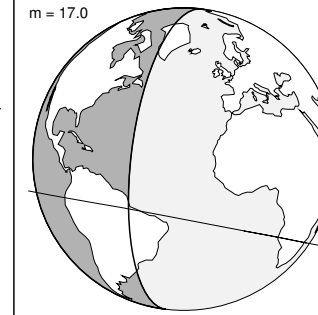
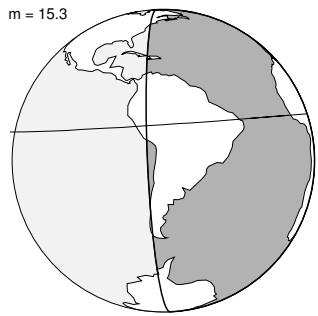
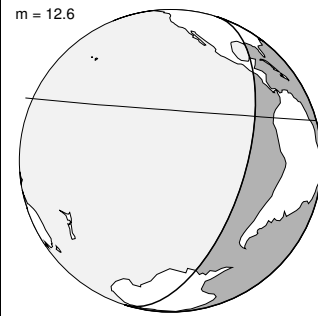
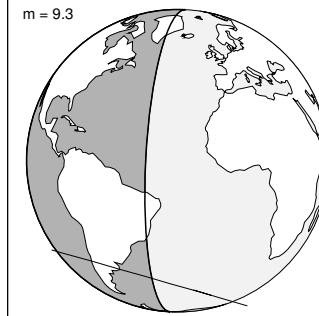
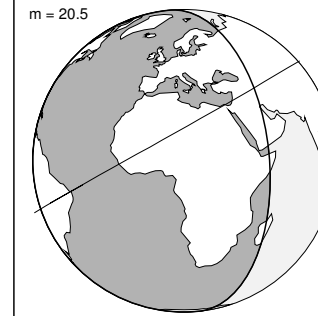
Occultations by major and minor planets – 2027

Region 2

2027 aug 13 4h17.2m A27_08026 154 Bertha TYC 8414–00167–1 Diam = 192.0 m = 11.8 m = 12.7  Dur = 16.7s Dmag = 1.2 Sun: 143° Moon: 34°	2027 aug 15 21h20.4m A27_08070 432 Pythia UCAC4 319–091445 Diam = 48.6 m = 11.8 m = 12.4  Dur = 5.0s Dmag = 1.1 Sun: 111° Moon: 53°	2027 aug 15 22h30.9m B27_08006 306792 2001KQ77 UCAC4 390–113628 Diam = 158.5 m = 14.8 m = 22.5  Dur = 8.6s Dmag = 7.7 Sun: 143° Moon: 23°	2027 aug 17 7h51.7m B27_08001 15820 1994TB UCAC4 616–023606 Diam = 125.9 m = 14.6 m = 22.3  Dur = 6.0s Dmag = 7.7 Sun: 60° Moon: 119°
2027 aug 18 23h54.2m A27_08103 696 Leonora TYC 6317–00227–1 Diam = 79.3 m = 11.3 m = 13.7  Dur = 7.3s Dmag = 2.5 Sun: 152° Moon: 46°	2027 aug 20 7h 5.3m A27_08075 481 Emita HIP 116003 Diam = 116.0 m = 12.3 m = 9.9  Dur = 12.5s Dmag = 2.5 Sun: 156° Moon: 25°	2027 aug 21 1h27.7m A27_08048 276 Adelheid TYC 1098–00323–1 Diam = 127.0 m = 11.7 m = 13.6  Dur = 9.2s Dmag = 2.1 Sun: 150° Moon: 52°	2027 aug 21 4h 8.3m A27_08007 37 Fides UCAC4 522–003769 Diam = 112.0 m = 11.4 m = 12.0  Dur = 12.1s Dmag = 0.5 Sun: 110° Moon: 27°
2027 aug 23 4h42.9m B27_08011 469362 2001KB77 UCAC4 414–087759 Diam = 119.7 m = 14.2 m = 22.4  Dur = 8.5s Dmag = 8.2 Sun: 130° Moon: 112°	2027 aug 31 1h59.8m A27_08008 40 Harmonia UCAC5 353–073772 Diam = 111.0 m = 11.7 m = 12.4  Dur = 5.2s Dmag = 0.4 Sun: 82° Moon: 92°	2027 aug 31 3h27.3m A27_08065 387 Aquitania UCAC4 357–000731 Diam = 106.0 m = 11.2 m = 10.8  Dur = 9.9s Dmag = 0.6 Sun: 148° Moon: 141°	2027 aug 31 5h18.3m A27_08068 416 Vaticana TYC 7964–00757–1 Diam = 89.5 m = 10.1 m = 11.5  Dur = 15.5s Dmag = 1.6 Sun: 142° Moon: 148°
2027 sep 2 7h16.7m A27_09001 3 Juno Gaia 102–0036421 Diam = 257.6 m = 11.7 m = 9.5  Dur = 7.9s Dmag = 0.1 Sun: 66° Moon: 87°	2027 sep 3 8h49.7m A27_09044 106 Dione TYC 1883–01692–1 Diam = 146.9 m = 10.7 m = 13.1  Dur = 4.9s Dmag = 2.5 Sun: 62° Moon: 99°	2027 sep 3 23h16.1m A27_09136 795 Fini UCAC4 236–108629 Diam = 78.7 m = 11.8 m = 14.8  Dur = 4.4s Dmag = 3.1 Sun: 92° Moon: 50°	2027 sep 4 1h20.6m A27_09019 41 Daphne TYC 5183–01951–1 Diam = 182.0 m = 9.7 m = 11.2  Dur = 16.8s Dmag = 1.7 Sun: 151° Moon: 110°

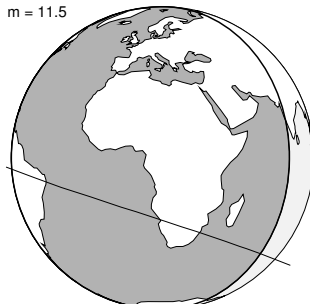
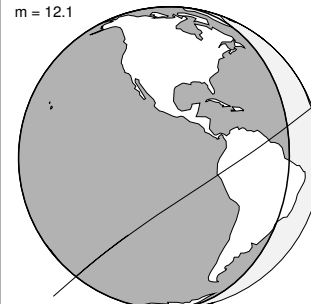
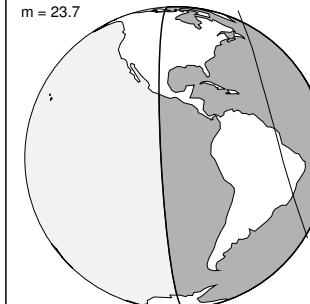
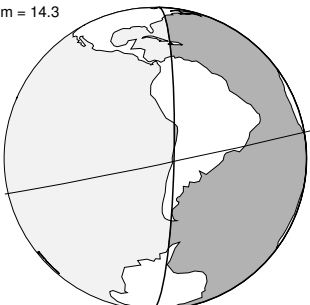
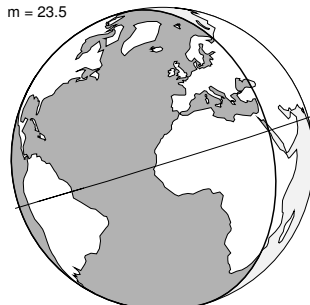
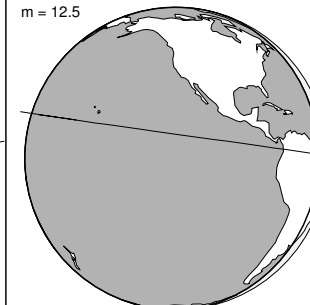
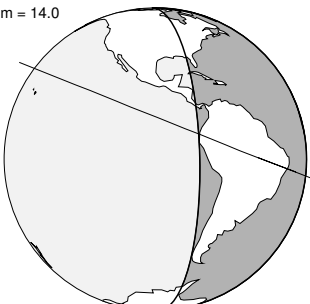
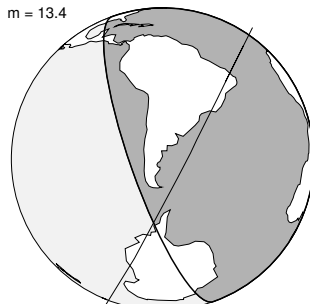
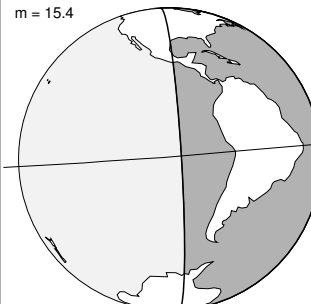
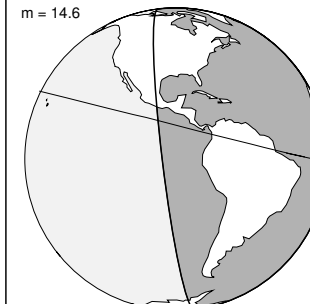
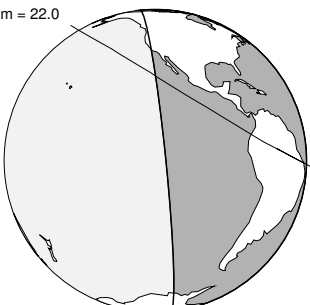
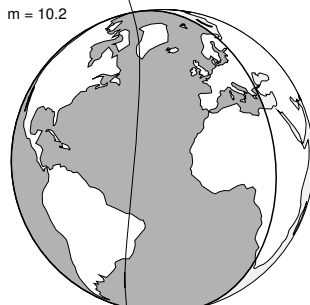
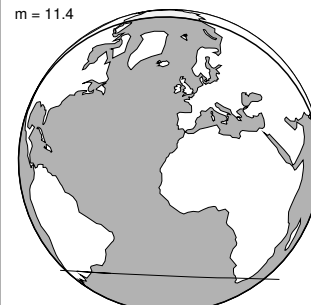
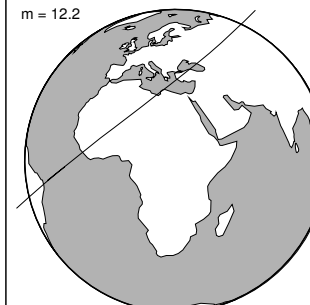
Occultations by major and minor planets – 2027

Region 2

2027 sep 5 6h42.4m A27_09097 488 Kreusa TYC 6401–01077–1 Diam = 158.0 m = 12.3  Dur = 10.4s Dmag = 1.2 Sun: 164° Moon: 114°	2027 sep 8 9h41.2m A27_09151 1208 Troilus UCAC4 685–048410 Diam = 111.0 m = 10.8  Dur = 3.5s Dmag = 6.3 Sun: 57° Moon: 145°	2027 sep 8 21h39.7m A27_09137 795 Fini TYC 7875–00483–1 Diam = 78.7 m = 10.8  Dur = 4.0s Dmag = 4.1 Sun: 89° Moon: 21°	2027 sep 11 4h57.1m A27_09095 476 Hedwig TYC 2389–01141–1 Diam = 121.0 m = 10.1  Dur = 7.4s Dmag = 3.8 Sun: 87° Moon: 144°
2027 sep 13 1h 3.3m A27_09075 275 Sapiientia TYC 6241–00401–1 Diam = 103.0 m = 10.5  Dur = 5.9s Dmag = 3.8 Sun: 90° Moon: 57°	2027 sep 13 1h25.1m B27_09026 2023PJ5 PPMX 11809918 Diam = 99.1 m = 12.8  Dur = 6.6s Dmag = 10.6 Sun: 136° Moon: 11°	2027 sep 14 8h45.1m A27_09112 569 Misa HIP 23270 Diam = 75.6 m = 7.7  Dur = 4.4s Dmag = 6.8 Sun: 94° Moon: 103°	2027 sep 15 20h58.1m A27_09020 54 Alexandra TYC 6771–00530–1 Diam = 171.0 m = 10.8  Dur = 5.3s Dmag = 1.9 Sun: 64° Moon: 115°
2027 sep 18 6h 6.1m A27_09130 690 Wratislavia TYC 1879–00310–1 Diam = 140.0 m = 7.8  Dur = 6.5s Dmag = 5.8 Sun: 78° Moon: 75°	2027 sep 18 21h 8.8m A27_09111 554 Peraga UCAC4 332–095213 Diam = 98.5 m = 11.1  Dur = 5.2s Dmag = 3.1 Sun: 83° Moon: 130°	2027 sep 19 1h18.6m A27_09066 211 Isolda UCAC4 464–131662 Diam = 148.0 m = 12.1  Dur = 12.3s Dmag = 0.7 Sun: 173° Moon: 38°	2027 sep 21 9h14.7m A27_09162 2357 Phereclos TYC 1354–00322–1 Diam = 103.0 m = 10.8  Dur = 4.6s Dmag = 6.3 Sun: 69° Moon: 47°
2027 sep 22 22h48.1m A27_09078 300 Geraldina UCAC4 330–149680 Diam = 79.1 m = 15.3  Dur = 6.0s Dmag = 3.0 Sun: 96° Moon: 167°	2027 sep 22 23h52.1m A27_09021 54 Alexandra TYC 6785–00284–1 Diam = 171.0 m = 12.2  Dur = 5.0s Dmag = 0.9 Sun: 60° Moon: 155°	2027 sep 25 8h35.1m A27_09004 3 Juno UCAC4 498–036379 Diam = 257.6 m = 12.1  Dur = 9.9s Dmag = 0.1 Sun: 77° Moon: 19°	2027 sep 26 2h40.8m B27_09001 144897 2004UX10 UCAC4 501–005947 Diam = 557.2 m = 20.5  Dur = 41.8s Dmag = 7.6 Sun: 124° Moon: 71°

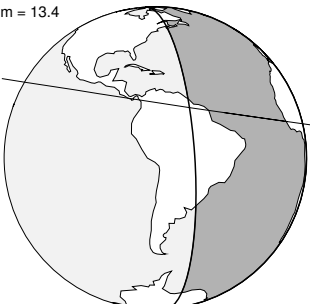
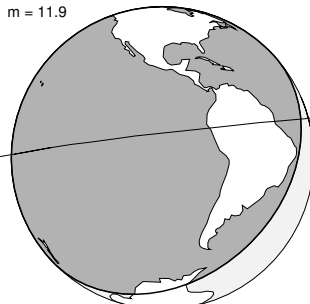
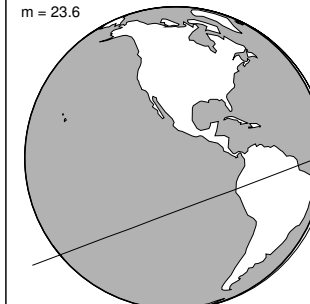
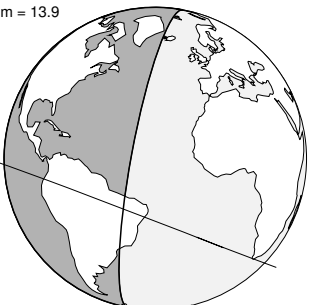
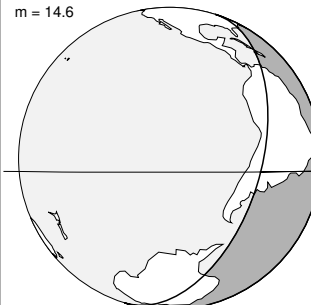
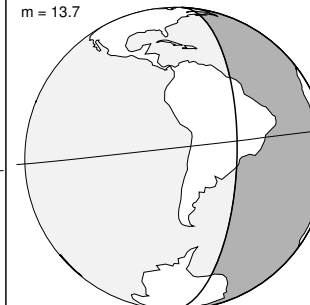
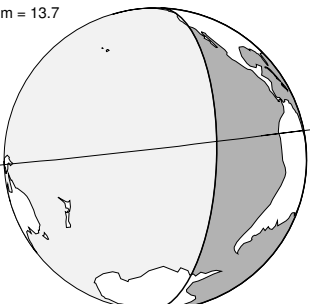
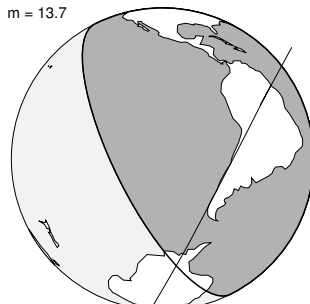
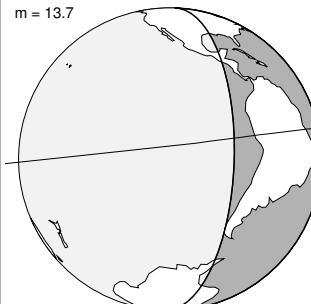
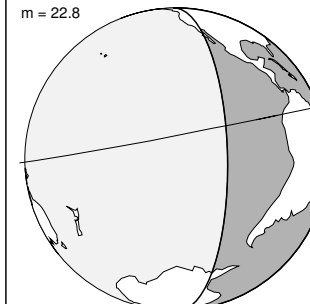
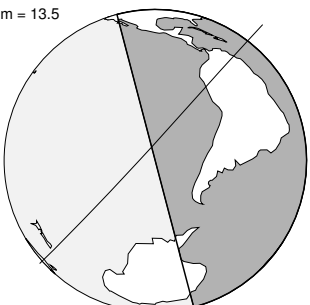
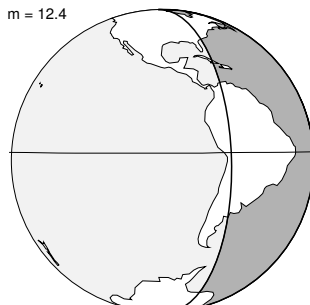
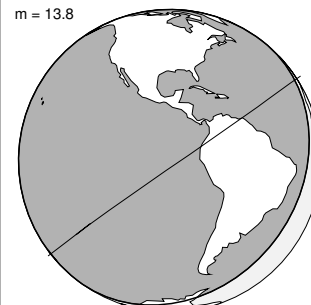
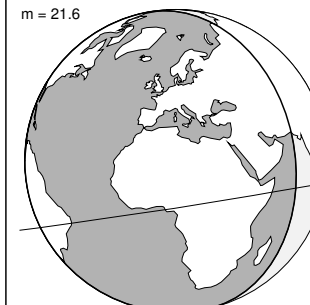
Occultations by major and minor planets – 2027

Region 2

2027 sep 26 8h27.1m A27_09170 2011UK412 TYC 0653–00105–1 Diam = 109.6 m = 9.1 m = 23.8  Dur = 7.2s Dmag = 14.7 Sun: 128° Moon: 78°	2027 sep 28 0h57.8m A27_09117 599 Luisa TYC 0039–00509–1 Diam = 69.6 m = 11.5  Dur = 9.9s Dmag = 1.2 Sun: 147° Moon: 120°	2027 sep 28 8h59.1m A27_09103 498 Tokio UCAC4 451–003641 Diam = 84.8 m = 12.1  Dur = 17.6s Dmag = 0.8 Sun: 142° Moon: 119°	2027 sep 29 0h32.3m B27_09009 2000KL4 UCAC4 413–088925 Diam = 125.9 m = 13.3 m = 23.7  Dur = 13.5s Dmag = 10.3 Sun: 95° Moon: 111°
2027 sep 29 22h39.9m A27_09036 81 Terpsichore UCAC4 296–135913 Diam = 124.0 m = 10.8 m = 14.3  Dur = 6.6s Dmag = 3.5 Sun: 82° Moon: 85°	2027 oct 2 3h30.6m B27_10008 511553 2014UK225 UCAC4 544–006297 Diam = 125.3 m = 13.8 m = 23.5  Dur = 7.4s Dmag = 9.8 Sun: 136° Moon: 163°	2027 oct 3 1h45.3m A27_10044 140 Siwa UCAC4 332–201050 Diam = 114.0 m = 12.3  Dur = 8.4s Dmag = 0.9 Sun: 104° Moon: 65°	2027 oct 3 9h17.7m A27_10084 326 Tamara TYC 0030–00738–1 Diam = 100.0 m = 10.7 m = 12.5  Dur = 7.3s Dmag = 2.0 Sun: 160° Moon: 151°
2027 oct 5 23h14.6m A27_10138 739 Mandeville TYC 5668–00225–1 Diam = 110.0 m = 9.8 m = 14.0  Dur = 3.9s Dmag = 4.3 Sun: 72° Moon: 14°	2027 oct 5 23h36.1m A27_10046 154 Bertha TYC 7960–00802–1 Diam = 192.0 m = 8.1 m = 13.4  Dur = 13.7s Dmag = 5.2 Sun: 102° Moon: 35°	2027 oct 6 0h 8.3m A27_10082 300 Geraldina UCAC4 331–166320 Diam = 79.1 m = 15.4  Dur = 4.2s Dmag = 3.8 Sun: 85° Moon: 12°	2027 oct 10 0h14.2m A27_10120 568 Cheruskia UCAC4 431–097189 Diam = 89.7 m = 11.9 m = 14.6  Dur = 6.9s Dmag = 2.8 Sun: 95° Moon: 28°
2027 oct 10 1h32.3m B27_10015 2014KC102 UCAC4 390–102902 Diam = 158.5 m = 13.9 m = 22.0  Dur = 14.8s Dmag = 8.1 Sun: 85° Moon: 33°	2027 oct 10 4h26.2m A27_10059 216 Kleopatra TYC 1252–00329–1 Diam = 112.6 m = 10.5 m = 10.2  Dur = 19.7s Dmag = 0.6 Sun: 137° Moon: 103°	2027 oct 11 0h58.8m A27_10149 804 Hispania TYC 1748–00051–1 Diam = 140.6 m = 11.8 m = 11.4  Dur = 12.0s Dmag = 0.6 Sun: 161° Moon: 64°	2027 oct 11 22h26.2m A27_10068 253 Mathilde TYC 0031–00689–1 Diam = 61.0 m = 10.2 m = 12.2  Dur = 7.8s Dmag = 2.2 Sun: 172° Moon: 48°

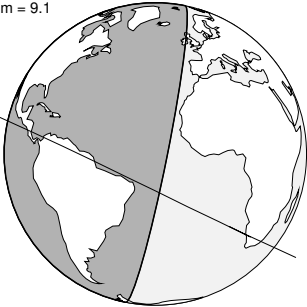
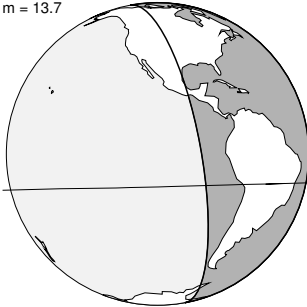
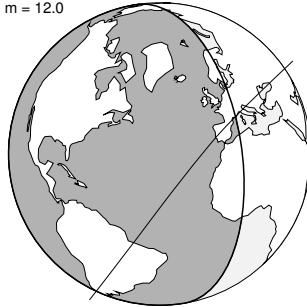
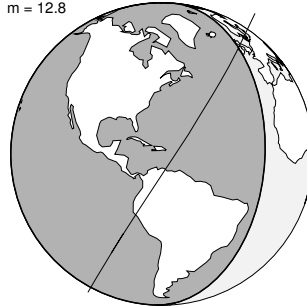
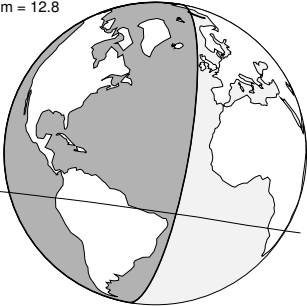
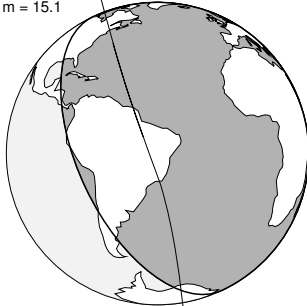
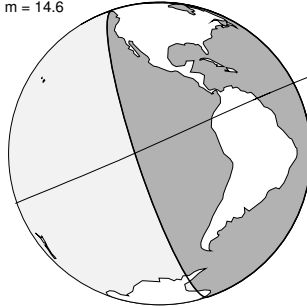
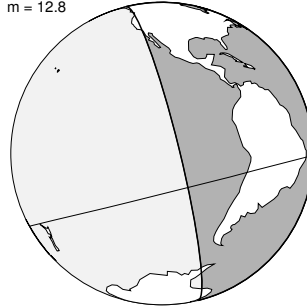
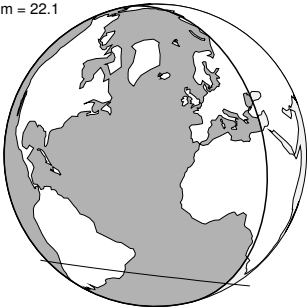
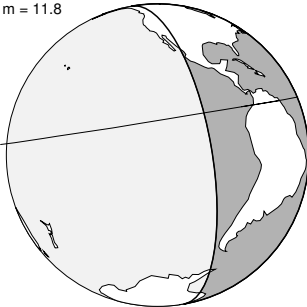
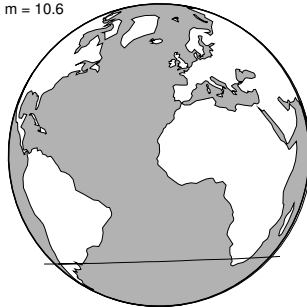
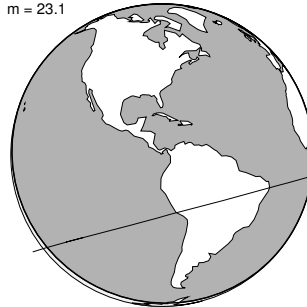
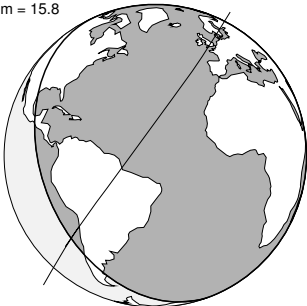
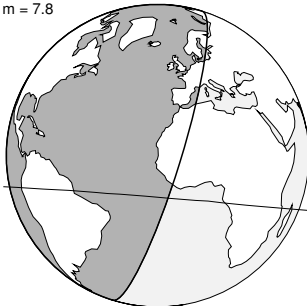
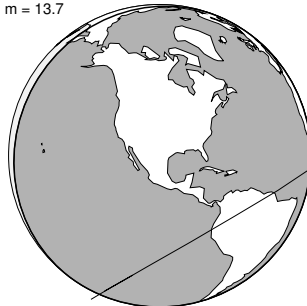
Occultations by major and minor planets – 2027

Region 2

2027 oct 12 21h39.1m A27_10014 69 Hesperia HIP 89422 Diam = 143.0 m = 6.8 m = 13.4  Dur = 6.3s Dmag = 6.6 Sun: 74° Moon: 74°	2027 oct 13 7h53.7m A27_10150 814 Tauris TYC 5866-00600-1 Diam = 116.0 m = 11.9 m = 11.9  Dur = 16.4s Dmag = 0.8 Sun: 143° Moon: 52°	2027 oct 14 6h23.4m A27_10129 660 Crescentia HIP 7209 Diam = 44.2 m = 9.1 m = 12.8  Dur = 3.5s Dmag = 3.8 Sun: 163° Moon: 25°	2027 oct 14 7h32.2m B27_10021 2016QM134 UCAC4 489-002818 Diam = 161.4 m = 13.7 m = 23.6  Dur = 6.4s Dmag = 10.0 Sun: 168° Moon: 27°
2027 oct 14 8h39.6m A27_10063 236 Honoria HIP 39164 Diam = 90.5 m = 6.3 m = 13.9  Dur = 4.6s Dmag = 7.6 Sun: 80° Moon: 114°	2027 oct 14 8h59.1m A27_10017 78 Diana TYC 2413-00455-1 Diam = 116.0 m = 11.8 m = 12.3  Dur = 13.7s Dmag = 1.0 Sun: 113° Moon: 79°	2027 oct 16 22h27.2m A27_10026 98 Ianthe HIP 82088 Diam = 109.0 m = 9.0 m = 14.6  Dur = 3.0s Dmag = 5.6 Sun: 52° Moon: 144°	2027 oct 17 21h23.8m A27_10034 120 Lachesis UCAC4 308-154900 Diam = 178.0 m = 12.4 m = 13.7  Dur = 6.1s Dmag = 1.6 Sun: 66° Moon: 142°
2027 oct 18 1h20.4m A27_10035 120 Lachesis UCAC4 308-155657 Diam = 178.0 m = 11.9 m = 13.7  Dur = 6.0s Dmag = 2.0 Sun: 66° Moon: 144°	2027 oct 18 2h43.6m A27_10130 680 Genoveva TYC 7482-00593-1 Diam = 86.7 m = 11.5 m = 13.7  Dur = 5.8s Dmag = 2.3 Sun: 108° Moon: 102°	2027 oct 19 23h36.4m A27_10036 120 Lachesis UCAC4 308-163440 Diam = 178.0 m = 12.0 m = 13.7  Dur = 5.9s Dmag = 1.9 Sun: 64° Moon: 170°	2027 oct 20 0h59.0m B27_10002 119066 2001KJ76 UCAC4 309-217486 Diam = 207.0 m = 14.8 m = 22.8  Dur = 13.3s Dmag = 8.1 Sun: 70° Moon: 165°
2027 oct 22 0h56.7m A27_10047 154 Bertha UCAC4 242-178137 Diam = 192.0 m = 11.6 m = 13.5  Dur = 10.0s Dmag = 2.1 Sun: 90° Moon: 158°	2027 oct 22 22h34.1m A27_10009 19 Fortuna TYC 6263-03132-1 Diam = 149.0 m = 11.5 m = 12.4  Dur = 4.9s Dmag = 1.3 Sun: 62° Moon: 150°	2027 oct 23 7h27.5m A27_10078 286 Iolea TYC 4715-00149-1 Diam = 96.5 m = 11.9 m = 13.8  Dur = 7.6s Dmag = 2.1 Sun: 150° Moon: 82°	2027 oct 24 1h39.7m B27_10003 143707 2003UY117 UCAC4 571-011211 Diam = 274.2 m = 14.8 m = 21.6  Dur = 15.0s Dmag = 6.8 Sun: 141° Moon: 69°

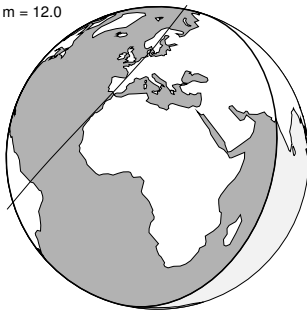
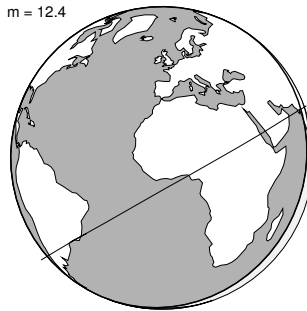
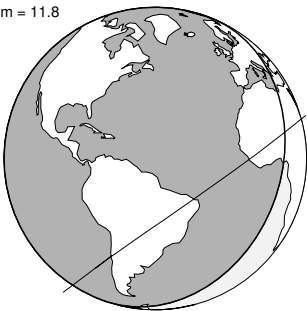
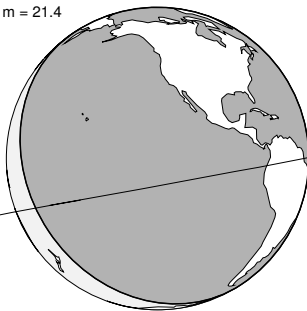
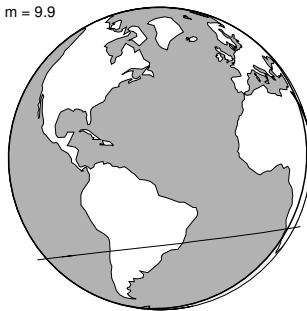
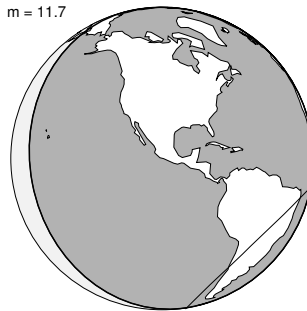
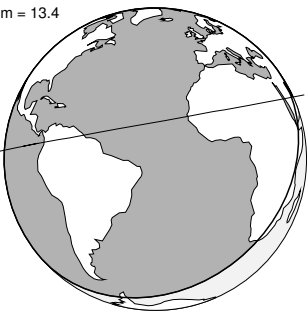
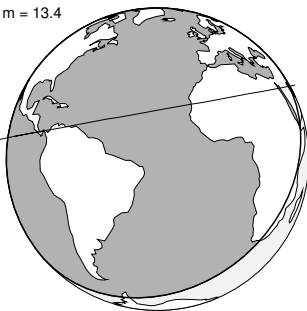
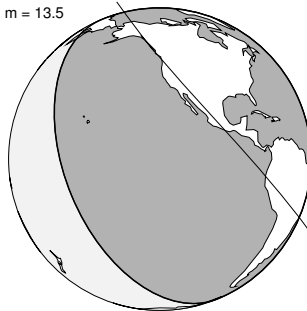
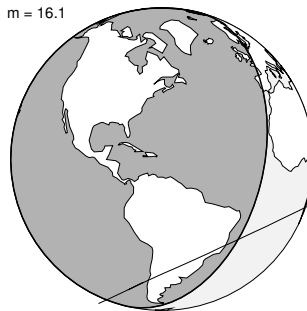
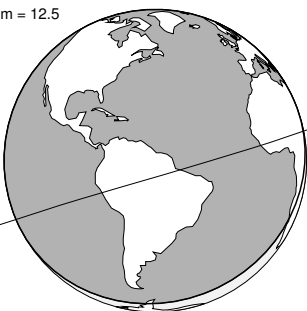
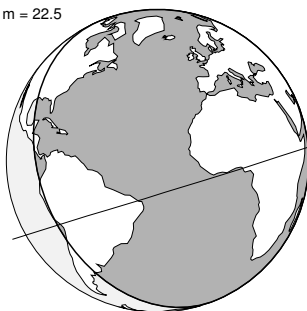
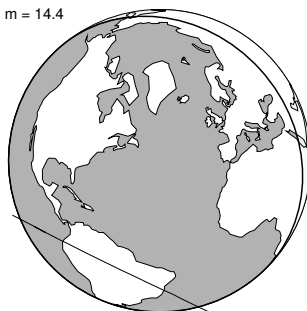
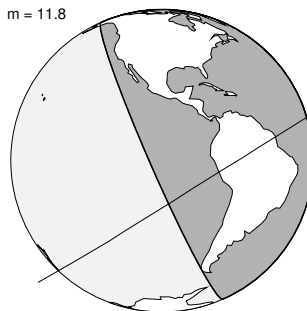
Occultations by major and minor planets – 2027

Region 2

2027 oct 24 7h17.7m A27_10003 3 Juno UCAC4 479–038120 Diam = 257.6 m = 12.5 m = 9.1  Dur = 15.6s Dmag = 0.0 Sun: 94° Moon: 29°	2027 oct 24 23h53.1m A27_10145 790 Pretoria UCAC4 415–102813 Diam = 176.0 m = 12.2 m = 13.7  Dur = 6.6s Dmag = 1.7 Sun: 73° Moon: 132°	2027 oct 25 6h 7.4m A27_10018 78 Diana UCAC4 630–028243 Diam = 116.0 m = 11.4 m = 12.0  Dur = 22.9s Dmag = 1.1 Sun: 122° Moon: 68°	2027 oct 30 7h38.6m A27_10135 694 Ekard UCAC4 535–015149 Diam = 92.7 m = 12.1 m = 12.8  Dur = 11.4s Dmag = 1.2 Sun: 132° Moon: 141°
2027 oct 30 7h46.9m A27_10054 182 Elsa TYC 1369–00557–1 Diam = 45.3 m = 10.3 m = 12.8  Dur = 3.8s Dmag = 2.6 Sun: 102° Moon: 112°	2027 oct 30 23h 9.4m A27_10093 425 Cornelia UCAC5 388–136873 Diam = 66.8 m = 12.4 m = 15.1  Dur = 29.5s Dmag = 2.8 Sun: 121° Moon: 104°	2027 nov 2 1h25.2m A27_11049 229 Adelinda TYC 6364–00327–1 Diam = 96.0 m = 11.7 m = 14.6  Dur = 7.2s Dmag = 2.9 Sun: 98° Moon: 56°	2027 nov 4 0h53.2m A27_11037 140 Siwa TYC 6341–01395–1 Diam = 114.0 m = 9.3 m = 12.8  Dur = 4.7s Dmag = 3.5 Sun: 83° Moon: 18°
2027 nov 4 4h28.7m A27_11142 15820 1994TB PPMX 3988526 Diam = 125.9 m = 12.2 m = 22.1  Dur = 7.8s Dmag = 9.9 Sun: 136° Moon: 155°	2027 nov 7 0h23.6m A27_11011 20 Massalia UCAC4 346–183755 Diam = 151.0 m = 11.7 m = 11.8  Dur = 5.7s Dmag = 0.8 Sun: 68° Moon: 28°	2027 nov 13 1h24.9m A27_11030 128 Nemesis UCAC5 531–006684 Diam = 194.0 m = 12.5 m = 10.6  Dur = 18.9s Dmag = 0.2 Sun: 171° Moon: 23°	2027 nov 16 4h36.8m B27_11008 613468 2006QQ180 UCAC4 484–003941 Diam = 186.2 m = 14.2 m = 23.1  Dur = 7.4s Dmag = 8.9 Sun: 166° Moon: 39°
2027 nov 16 23h35.6m A27_11123 921 Jovita HIP 3765 Diam = 60.5 m = 5.5 m = 15.8  Dur = 7.3s Dmag = 10.3 Sun: 139° Moon: 78°	2027 nov 17 6h35.8m A27_11003 4 Vesta TYC 1401–00500–1 Diam = 523.2 m = 11.6 m = 7.8  Dur = 42.7s Dmag = 0.0 Sun: 98° Moon: 41°	2027 nov 18 5h24.0m A27_11096 648 Pippa TYC 1778–00995–1 Diam = 70.5 m = 11.1 m = 13.7  Dur = 6.1s Dmag = 2.7 Sun: 162° Moon: 65°	2027 nov 18 6h53.5m A27_11040 182 Elsa TYC 1371–00596–1 Diam = 45.3 m = 11.4 m = 12.5  Dur = 9.2s Dmag = 1.4 Sun: 118° Moon: 8°

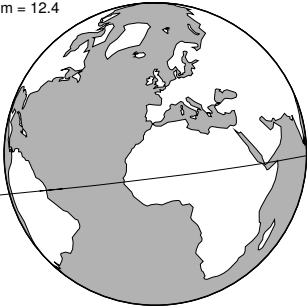
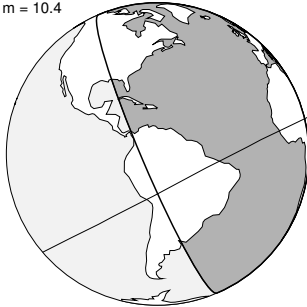
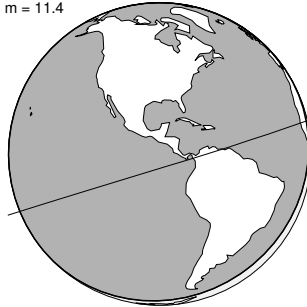
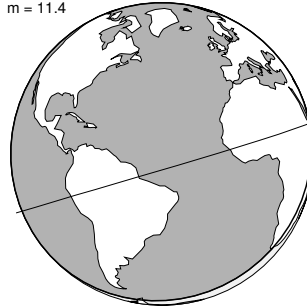
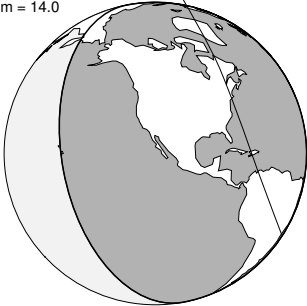
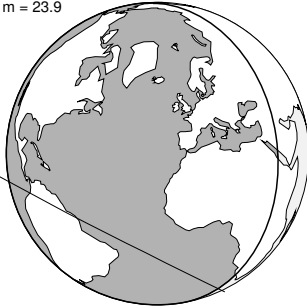
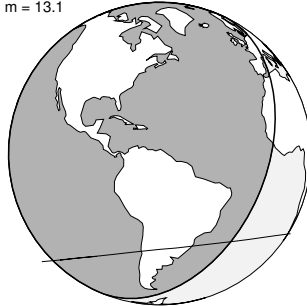
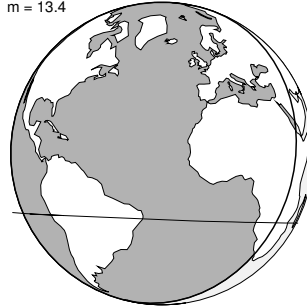
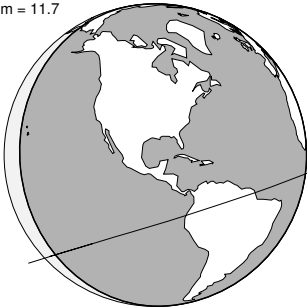
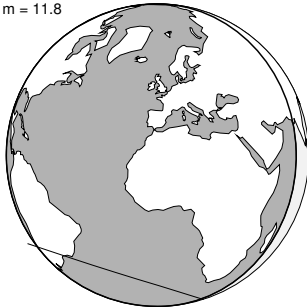
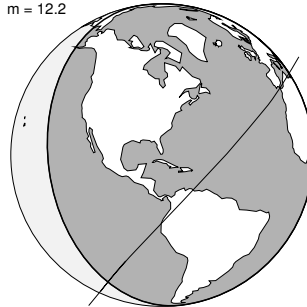
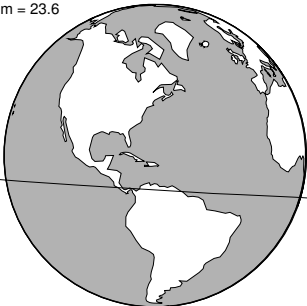
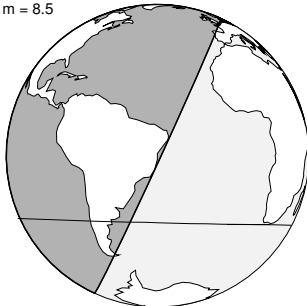
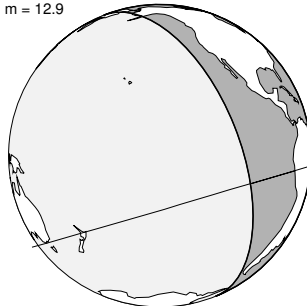
Occultations by major and minor planets – 2027

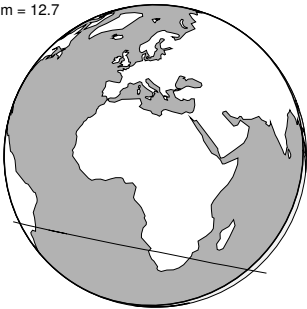
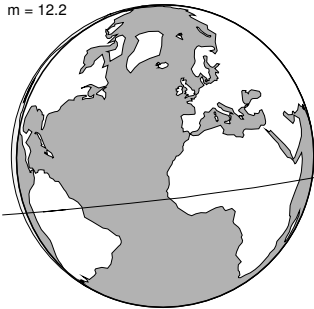
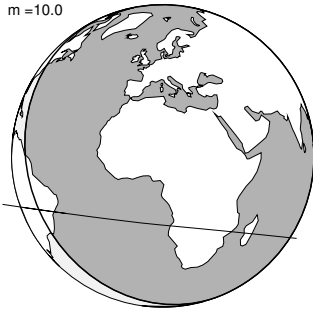
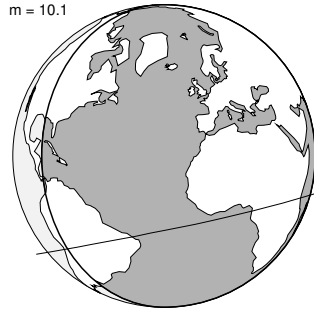
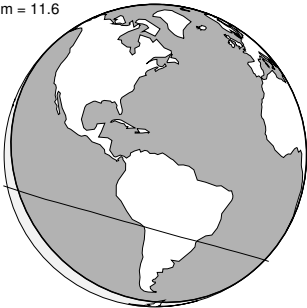
Region 2

2027 nov 18 23h27.5m A27_11007 13 Egeria TYC 7476–00335–1 Diam = 215.0 m = 11.6 m = 12.2  Dur = 8.6s Dmag = 1.1 Sun: 75° Moon: 161°	2027 nov 19 1h26.9m A27_11065 345 Tercidina UCAC4 510–022820 Diam = 100.0 m = 12.3 m = 12.0  Dur = 15.7s Dmag = 0.6 Sun: 140° Moon: 28°	2027 nov 19 6h10.6m A27_11145 2015RW245 HIP 13609 Diam = 72.4 m = 6.8 m = 23.3  Dur = 3.1s Dmag = 16.4 Sun: 167° Moon: 74°	2027 nov 25 1h20.4m A27_11103 694 Ekard TYC 0706–01382–1 Diam = 92.7 m = 10.8 m = 12.4  Dur = 7.4s Dmag = 1.9 Sun: 161° Moon: 124°
2027 nov 25 5h27.6m A27_11064 345 Tercidina UCAC5 506–021186 Diam = 100.0 m = 12.4 m = 11.8  Dur = 13.5s Dmag = 0.5 Sun: 146° Moon: 111°	2027 nov 25 6h24.4m B27_11005 523640 2010RO64 UCAC4 476–003371 Diam = 387.3 m = 12.9 m = 21.4  Dur = 17.8s Dmag = 8.5 Sun: 150° Moon: 165°	2027 nov 26 4h 2.9m A27_11005 5 Astraea UCAC4 521–010234 Diam = 125.0 m = 11.6 m = 9.9  Dur = 13.6s Dmag = 0.2 Sun: 164° Moon: 141°	2027 nov 26 4h34.1m A27_11070 409 Aspasia UCAC4 540–003715 Diam = 168.0 m = 11.8 m = 11.7  Dur = 16.1s Dmag = 0.7 Sun: 150° Moon: 175°
2027 nov 28 3h 7.0m A27_11057 304 Olga UCAC4 439–010405 Diam = 68.5 m = 11.9 m = 13.4  Dur = 6.2s Dmag = 1.7 Sun: 149° Moon: 145°	2027 nov 28 3h 7.4m A27_11056 304 Olga TYC 4770–00345–1 Diam = 68.5 m = 11.5 m = 13.4  Dur = 6.2s Dmag = 2.0 Sun: 149° Moon: 145°	2027 nov 28 4h48.1m A27_11060 326 Tamara UCAC4 480–001321 Diam = 100.0 m = 11.5 m = 13.5  Dur = 13.4s Dmag = 2.1 Sun: 129° Moon: 128°	2027 dec 2 7h37.9m A27_12183 1867 Deiphobus TYC 1367–00338–1 Diam = 131.0 m = 9.2 m = 16.1  Dur = 11.3s Dmag = 6.9 Sun: 132° Moon: 176°
2027 dec 3 4h14.4m A27_12075 365 Corduba TYC 0103–00273–1 Diam = 110.0 m = 10.9 m = 12.5  Dur = 10.9s Dmag = 1.8 Sun: 159° Moon: 127°	2027 dec 6 23h15.9m A27_12192 504847 2010RE188 UCAC4 503–003497 Diam = 214.8 m = 12.5 m = 22.5  Dur = 11.6s Dmag = 10.0 Sun: 141° Moon: 44°	2027 dec 7 3h57.8m A27_12171 1093 Freda UCAC4 662–043909 Diam = 120.0 m = 11.4 m = 14.4  Dur = 6.8s Dmag = 3.1 Sun: 153° Moon: 96°	2027 dec 8 1h 4.4m A27_12040 144 Vibilia TYC 5829–00071–1 Diam = 178.0 m = 10.7 m = 11.8  Dur = 9.5s Dmag = 1.5 Sun: 94° Moon: 18°

Occultations by major and minor planets – 2027

Region 2

2027 dec 11 0h10.3m A27_12121 569 Misa UCAC4 573–014705 Diam = 75.6 m = 11.6 m = 12.4  Dur = 9.0s Dmag = 1.2 Sun: 178° Moon: 35°	2027 dec 11 22h51.1m A27_12010 29 Amphitrite TYC 0585–00952–1 Diam = 219.0 m = 11.0 m = 10.4  Dur = 15.0s Dmag = 0.5 Sun: 96° Moon: 61°	2027 dec 12 6h42.3m A27_12070 345 Tercidina TYC 0720–01180–1 Diam = 100.0 m = 11.8 m = 11.4  Dur = 10.4s Dmag = 0.6 Sun: 162° Moon: 34°	2027 dec 13 3h18.8m A27_12071 345 Tercidina UCAC4 497–017566 Diam = 100.0 m = 11.9 m = 11.4  Dur = 10.3s Dmag = 0.5 Sun: 163° Moon: 24°
2027 dec 13 3h43.8m A27_12179 1240 Centenaria UCAC4 574–003166 Diam = 60.5 m = 11.3 m = 14.0  Dur = 14.7s Dmag = 2.7 Sun: 128° Moon: 44°	2027 dec 13 3h57.2m A27_12196 1999TR11 TYC 2480–00360–1 Diam = 85.9 m = 11.1 m = 23.9  Dur = 4.2s Dmag = 12.9 Sun: 142° Moon: 42°	2027 dec 13 7h 6.5m A27_12054 236 Honoria TYC 0795–00179–1 Diam = 90.5 m = 8.9 m = 13.1  Dur = 13.7s Dmag = 4.2 Sun: 135° Moon: 51°	2027 dec 16 3h45.7m A27_12087 419 Aurelia TYC 1364–00296–1 Diam = 133.0 m = 11.7 m = 13.4  Dur = 10.7s Dmag = 1.9 Sun: 151° Moon: 7°
2027 dec 16 4h 8.8m A27_12039 135 Hertha UCAC4 566–007581 Diam = 82.0 m = 12.2 m = 11.7  Dur = 10.1s Dmag = 0.6 Sun: 153° Moon: 60°	2027 dec 18 1h55.7m A27_12031 106 Dione TYC 1917–00565–1 Diam = 146.9 m = 11.6 m = 11.8  Dur = 13.9s Dmag = 0.8 Sun: 156° Moon: 37°	2027 dec 22 4h44.0m A27_12193 530930 2011WG157 PPMX 2096840 Diam = 146.6 m = 12.5 m = 22.2  Dur = 6.0s Dmag = 9.7 Sun: 154° Moon: 124°	2027 dec 23 2h20.1m A27_12082 389 Industria TYC 1786–00358–1 Diam = 81.0 m = 10.0 m = 12.2  Dur = 11.3s Dmag = 2.4 Sun: 138° Moon: 165°
2027 dec 23 5h 3.6m A27_12197 2003WS184 UCAC4 562–029953 Diam = 138.0 m = 11.7 m = 23.6  Dur = 5.4s Dmag = 12.0 Sun: 173° Moon: 119°	2027 dec 23 8h 2.6m A27_12001 2 Pallas TYC 5515–00643–1 Diam = 530.9 m = 10.4 m = 8.5  Dur = 35.6s Dmag = 0.2 Sun: 91° Moon: 39°	2027 dec 25 1h29.7m A27_12011 48 Doris TYC 5803–01977–1 Diam = 219.0 m = 10.1 m = 12.9  Dur = 6.8s Dmag = 2.9 Sun: 57° Moon: 90°	2027 dec 25 2h39.2m B27_12002 118228 1996TQ66 UCAC4 638–024959 Diam = 153.5 m = 14.3 m = 22.8  Dur = 6.2s Dmag = 8.4 Sun: 162° Moon: 157°

2027 dec 25 23h44.2m A27_12065 306 Unitas UCAC4 526-039091 Diam = 49.2 m = 11.6 m = 12.7  Dur = 3.8s Dmag = 1.4 Sun: 164° Moon: 144°	2027 dec 26 0h 9.3m A27_12017 66 Maja UCAC4 591-016225 Diam = 78.3 m = 12.4 m = 12.2  Dur = 9.8s Dmag = 0.7 Sun: 164° Moon: 174°	2027 dec 26 21h36.4m A27_12003 5 Astraea UCAC4 520-008320 Diam = 125.0 m = 11.8 m = 10.0  Dur = 15.8s Dmag = 0.2 Sun: 153° Moon: 161°	2027 dec 30 23h 7.1m A27_12074 349 Dembowska TYC 1825-02036-1 Diam = 143.0 m = 11.4 m = 10.1  Dur = 21.3s Dmag = 0.3 Sun: 144° Moon: 110°
2027 dec 31 3h11.0m A27_12063 287 Nephthys TYC 0704-01967-1 Diam = 70.1 m = 10.5 m = 11.6  Dur = 6.6s Dmag = 1.5 Sun: 157° Moon: 125°			