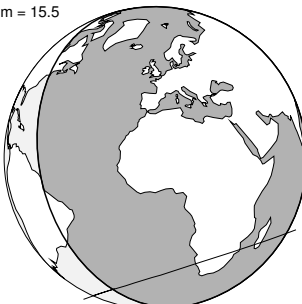
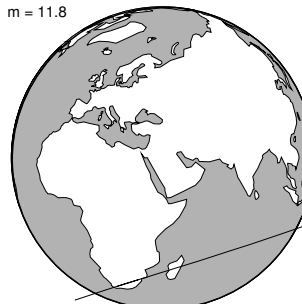
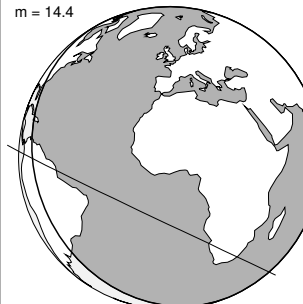
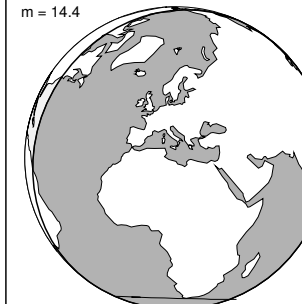
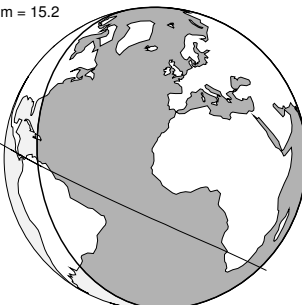
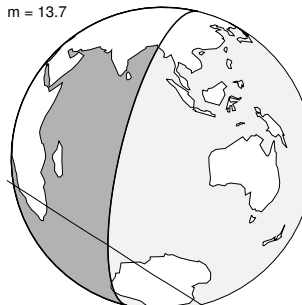
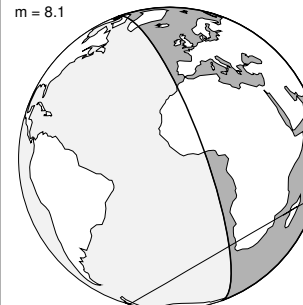
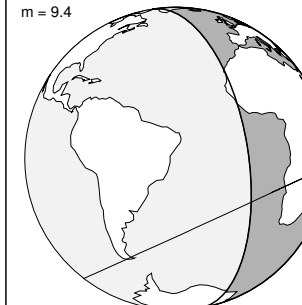
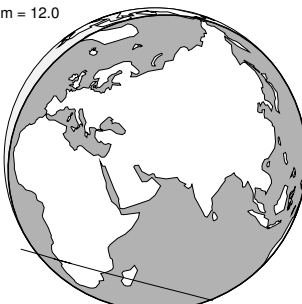
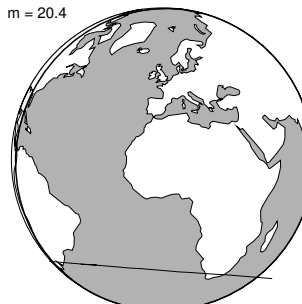
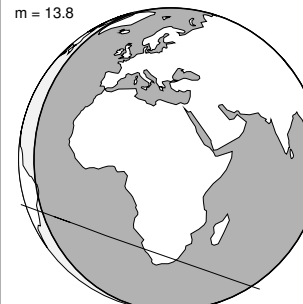
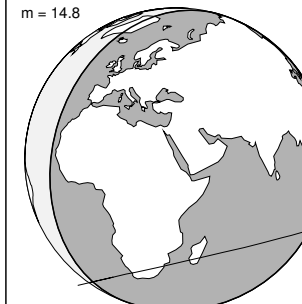
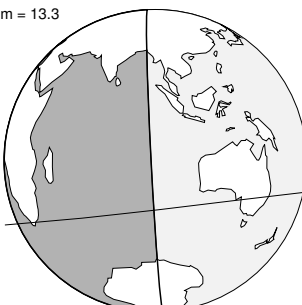
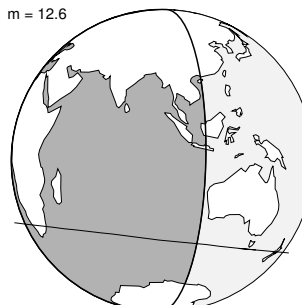
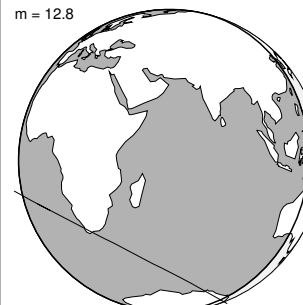
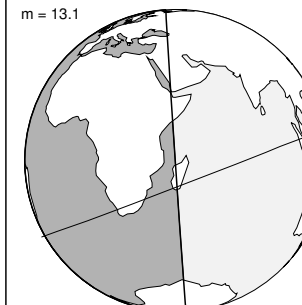


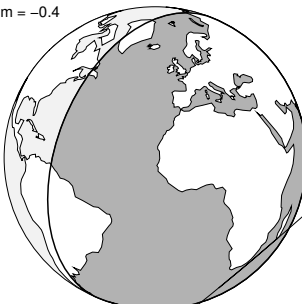
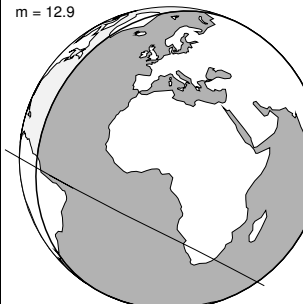
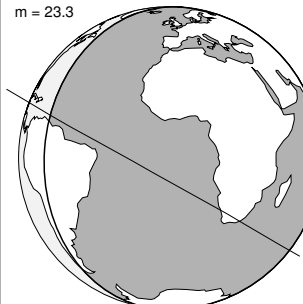
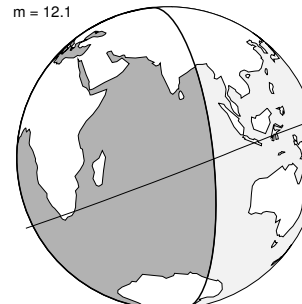
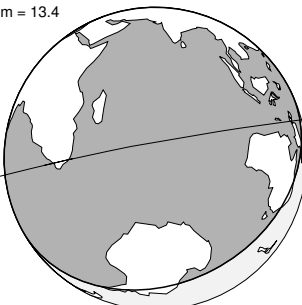
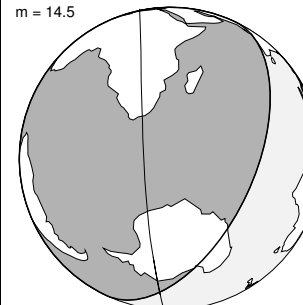
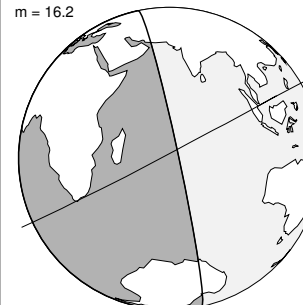
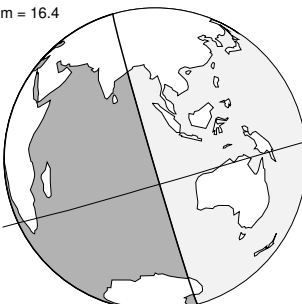
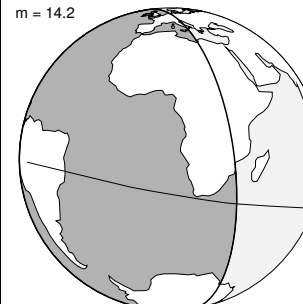
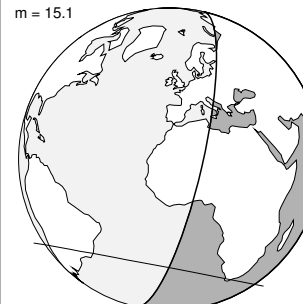
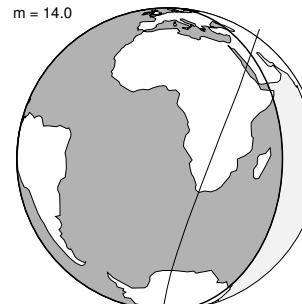
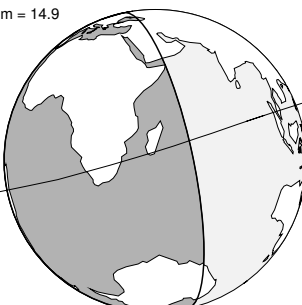
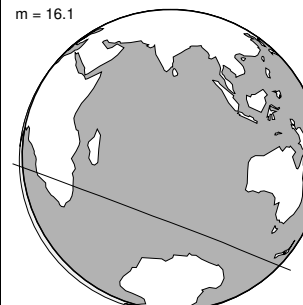
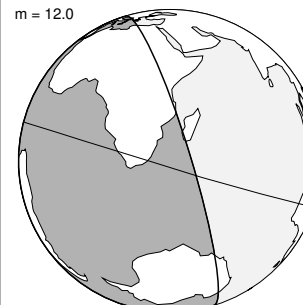
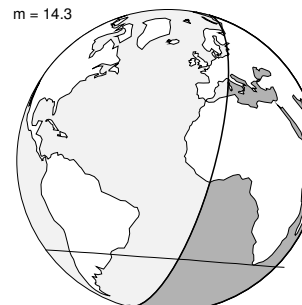
Occultations by major and minor planets – 2027

Region 4

2027 jan 3 21h22.5m A27_01152 1315 Bronislawa TYC 1254–00317–1 Diam = 65.5 m = 9.8 m = 15.5  Dur = 8.0s Dmag = 5.7 Sun: 140° Moon: 172°	2027 jan 5 20h52.4m A27_01115 702 Alauda UCAC4 591–034721 Diam = 202.0 m = 11.5 m = 11.8  Dur = 12.7s Dmag = 0.9 Sun: 172° Moon: 165°	2027 jan 14 22h32.4m A27_01130 791 Ani TYC 0721–01031–1 Diam = 107.0 m = 10.9 m = 14.4  Dur = 7.7s Dmag = 3.5 Sun: 153° Moon: 78°	2027 jan 20 21h50.2m A27_01124 721 Tabora PPMX 4041454 Diam = 82.6 m = 11.8 m = 14.4  Dur = 6.8s Dmag = 2.7 Sun: 157° Moon: 8°
2027 jan 21 22h27.8m A27_01150 1271 Isergina UCAC4 542–015369 Diam = 49.5 m = 11.4 m = 15.2  Dur = 7.6s Dmag = 3.8 Sun: 140° Moon: 32°	2027 jan 25 0h34.6m A27_01028 98 Ianthe TYC 6765–00879–1 Diam = 109.0 m = 11.8 m = 13.7  Dur = 4.0s Dmag = 2.1 Sun: 73° Moon: 72°	2027 jan 26 18h 2.9m A27_01005 4 Vesta TYC 0031–01118–1 Diam = 523.2 m = 12.4 m = 8.1  Dur = 21.8s Dmag = 0.0 Sun: 76° Moon: 159°	2027 feb 8 18h56.2m A27_02001 2 Pallas TYC 5855–00492–1 Diam = 530.9 m = 9.9 m = 9.4  Dur = 18.1s Dmag = 0.5 Sun: 61° Moon: 43°
2027 feb 10 19h30.1m A27_02065 423 Diotima TYC 2487–02057–1 Diam = 217.0 m = 9.6 m = 12.0  Dur = 17.4s Dmag = 2.5 Sun: 157° Moon: 114°	2027 feb 11 23h24.2m A27_02117 341275 2007RG283 UCAC4 550–046082 Diam = 85.5 m = 12.0 m = 20.4  Dur = 3.8s Dmag = 8.4 Sun: 165° Moon: 104°	2027 feb 27 20h42.1m A27_02090 774 Armor UCAC4 500–052673 Diam = 57.0 m = 12.0 m = 13.8  Dur = 4.5s Dmag = 1.9 Sun: 153° Moon: 110°	2027 mar 6 19h24.4m A27_03132 934 Thuringia UCAC4 545–047373 Diam = 57.1 m = 12.1 m = 14.8  Dur = 6.3s Dmag = 2.8 Sun: 144° Moon: 163°
2027 mar 25 23h56.1m A27_03063 241 Germania TYC 6861–01966–1 Diam = 169.0 m = 11.4 m = 13.3  Dur = 9.4s Dmag = 2.0 Sun: 88° Moon: 47°	2027 mar 26 22h41.6m A27_03085 432 Pythia UCAC4 386–078164 Diam = 48.6 m = 11.6 m = 12.6  Dur = 4.2s Dmag = 1.3 Sun: 106° Moon: 23°	2027 mar 29 21h38.3m A27_03061 206 Hersilia TYC 4981–01376–1 Diam = 76.6 m = 10.7 m = 12.8  Dur = 7.7s Dmag = 2.3 Sun: 156° Moon: 66°	2027 mar 30 3h 8.1m A27_03033 69 Hesperia PPMX 10658414 Diam = 143.0 m = 12.1 m = 13.1  Dur = 9.4s Dmag = 1.4 Sun: 89° Moon: 12°

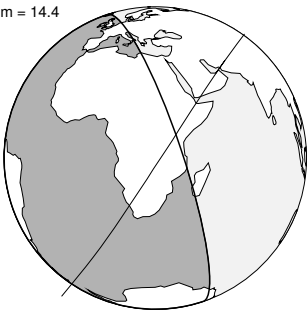
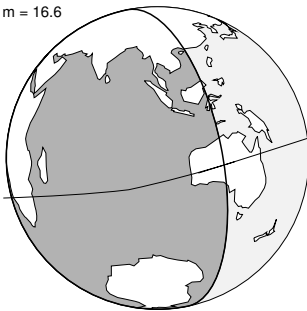
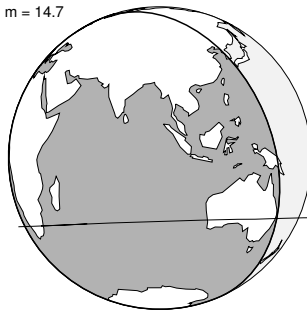
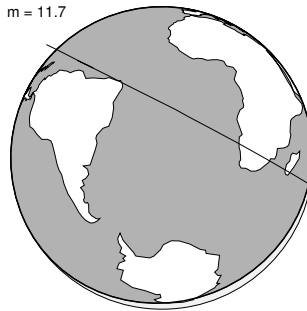
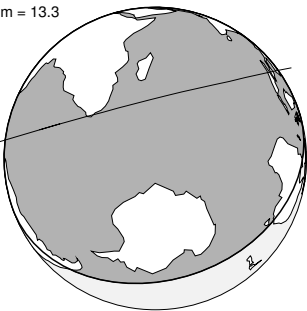
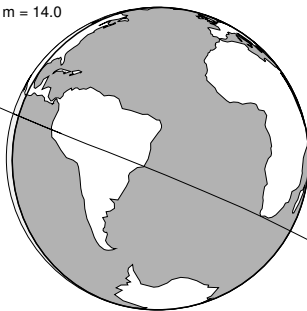
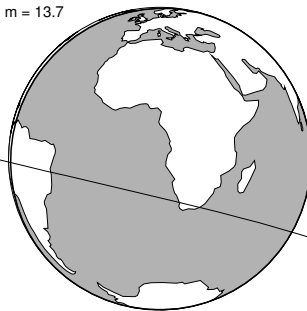
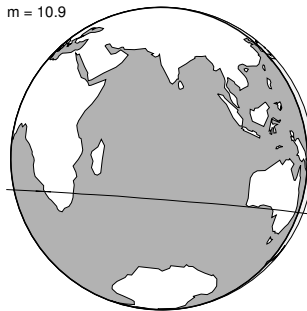
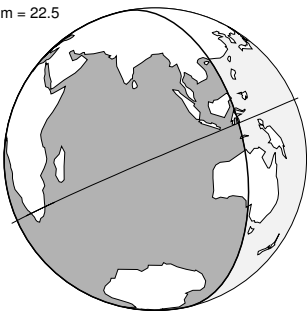
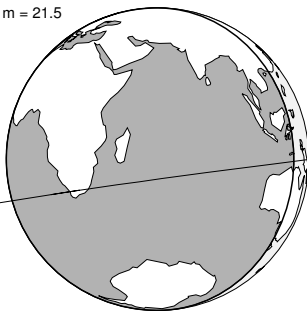
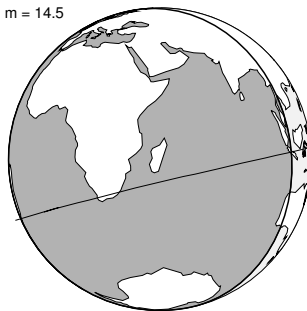
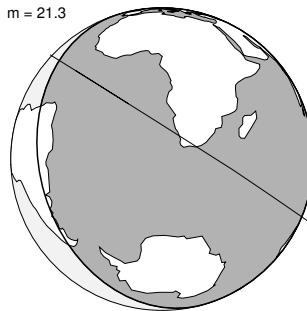
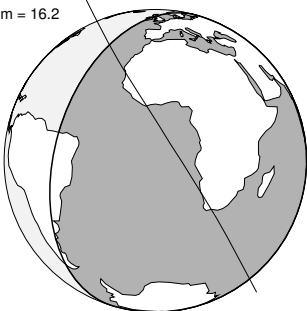
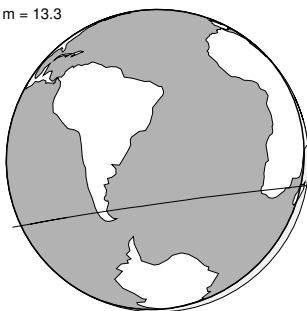
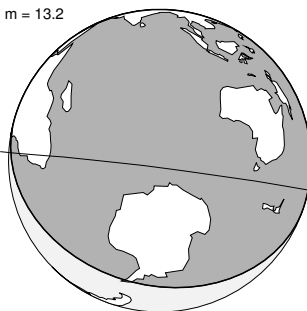
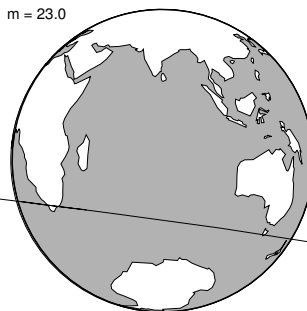
Occultations by major and minor planets – 2027

Region 4

2027 mar 30 22h16.8m P27_03004 Mars TYC 1413–00725–1 Diam = 6759.2 m = 9.9 m = –0.4  Dur = 5929.8s Dmag = 0.0 Sun: 130° Moon: 149°	2027 mar 31 21h38.7m A27_03073 335 Roberta TYC 0849–00544–1 Diam = 93.6 m = 11.5 m = 12.9  Dur = 10.2s Dmag = 1.7 Sun: 149° Moon: 141°	2027 apr 17 22h 4.7m B27_04014 2005GH228 UCAC4 402–051375 Diam = 86.3 m = 13.4 m = 23.3  Dur = 4.4s Dmag = 9.9 Sun: 146° Moon: 12°	2027 apr 17 23h55.9m A27_04022 67 Asia UCAC4 366–143075 Diam = 60.0 m = 12.4 m = 12.1  Dur = 4.8s Dmag = 0.6 Sun: 107° Moon: 110°
2027 apr 18 20h20.6m A27_04097 773 Irmintraud TYC 7827–00593–1 Diam = 99.1 m = 10.1 m = 13.4  Dur = 9.7s Dmag = 3.4 Sun: 146° Moon: 53°	2027 apr 23 0h49.9m A27_04096 759 Vinifera PPMX 15625563 Diam = 52.7 m = 12.3 m = 14.5  Dur = 7.9s Dmag = 2.3 Sun: 123° Moon: 34°	2027 apr 23 1h34.5m A27_04136 3025 Higson UCAC4 325–211499 Diam = 52.1 m = 12.4 m = 16.2  Dur = 3.8s Dmag = 3.8 Sun: 93° Moon: 61°	2027 apr 30 18h36.1m A27_04051 203 Pompeja TYC 6181–00841–1 Diam = 120.0 m = 10.1 m = 13.2  Dur = 9.9s Dmag = 3.2 Sun: 168° Moon: 101°
2027 may 1 23h54.7m A27_05086 526 Jena TYC 6345–01369–1 Diam = 46.7 m = 12.0 m = 16.4  Dur = 3.1s Dmag = 4.4 Sun: 88° Moon: 34°	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 6 17h58.8m A27_05131 1015 Christa UCAC4 564–043592 Diam = 101.0 m = 11.9 m = 15.1  Dur = 4.6s Dmag = 3.2 Sun: 77° Moon: 73°	2027 may 7 2h26.4m A27_05141 1320 Impala TYC 6828–01186–1 Diam = 45.6 m = 8.5 m = 14.0  Dur = 6.2s Dmag = 5.4 Sun: 139° Moon: 147°
2027 may 9 2h17.0m A27_05084 506 Marion TYC 6916–00810–1 Diam = 109.0 m = 12.5 m = 14.9  Dur = 16.5s Dmag = 2.5 Sun: 104° Moon: 140°	2027 may 12 17h53.1m A27_05091 588 Achilles TYC 6740–00290–1 Diam = 147.0 m = 10.4 m = 16.1  Dur = 8.4s Dmag = 5.7 Sun: 165° Moon: 88°	2027 may 14 3h33.3m A27_05006 13 Egeria UCAC5 284–196010 Diam = 215.0 m = 12.5 m = 12.0  Dur = 14.6s Dmag = 0.5 Sun: 97° Moon: 152°	2027 may 14 18h32.6m A27_05020 56 Melete UCAC4 517–047069 Diam = 90.8 m = 11.6 m = 14.3  Dur = 4.0s Dmag = 2.7 Sun: 72° Moon: 38°

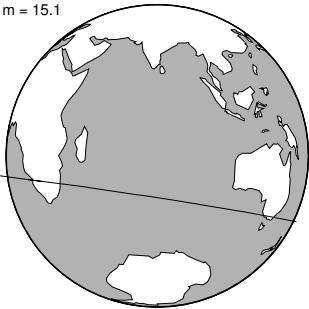
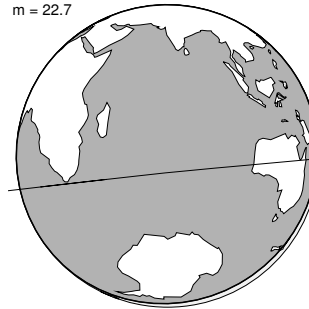
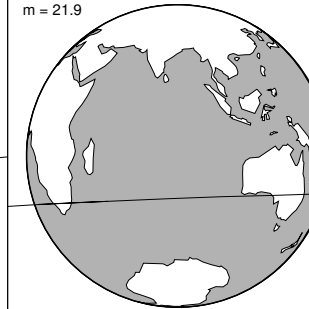
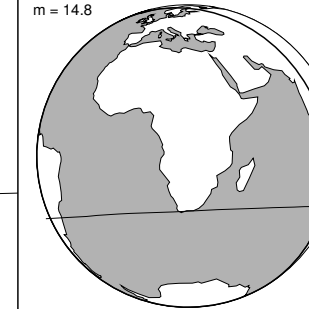
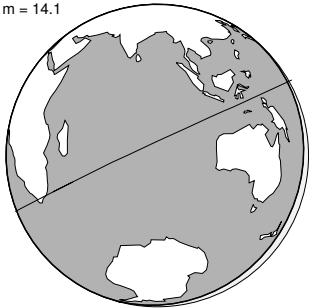
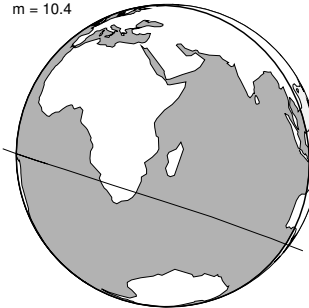
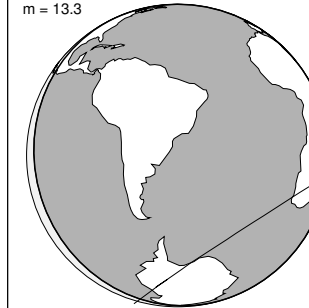
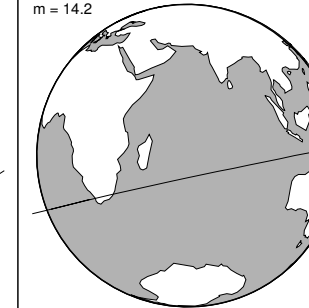
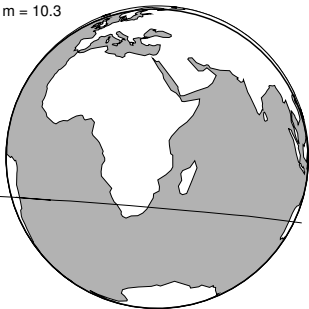
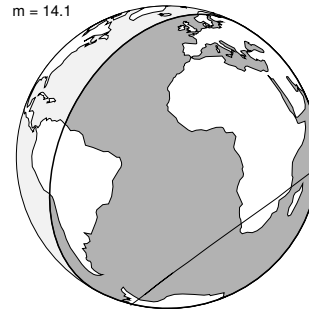
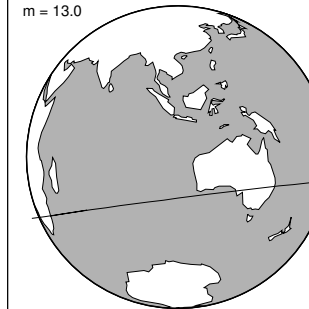
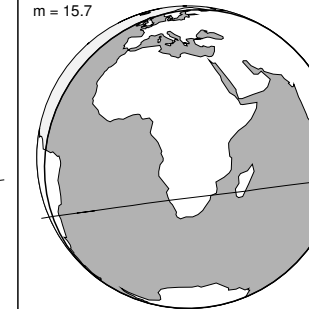
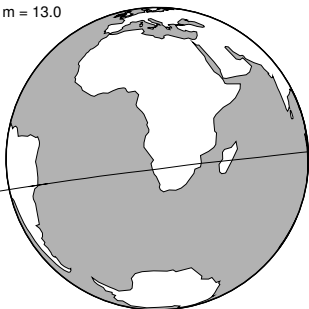
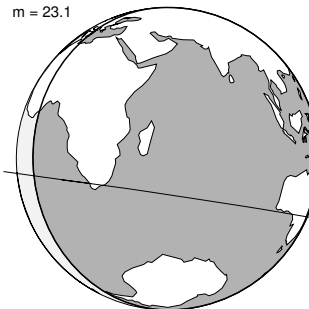
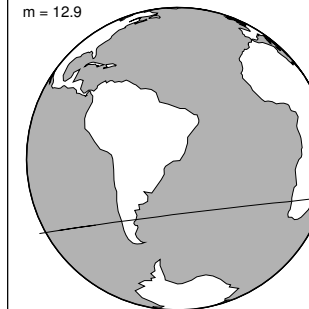
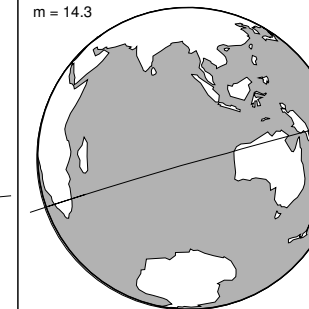
Occultations by major and minor planets – 2027

Region 4

2027 may 20 3h35.4m A27_05082 466 Tisiphone TYC 5780–00425–1 Diam = 121.0 m = 11.9 m = 14.4  Dur = 10.8s Dmag = 2.6 Sun: 100° Moon: 84°	2027 may 21 21h59.2m A27_05151 3141 Buchar UCAC4 323–218261 Diam = 43.5 m = 12.4 m = 16.6  Dur = 21.4s Dmag = 4.2 Sun: 115° Moon: 48°	2027 may 23 20h23.8m A27_05126 928 Hildrun TYC 5692–00739–1 Diam = 69.7 m = 12.2 m = 14.7  Dur = 8.6s Dmag = 2.6 Sun: 138° Moon: 18°	2027 may 26 1h45.4m A27_05103 654 Zelinda PPMX 13632818 Diam = 132.0 m = 12.4 m = 11.7  Dur = 10.5s Dmag = 0.5 Sun: 162° Moon: 55°
2027 may 27 21h19.2m A27_05063 247 Eukrate UCAC4 167–176642 Diam = 137.0 m = 11.1 m = 13.3  Dur = 9.1s Dmag = 2.3 Sun: 143° Moon: 72°	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 28 22h38.2m A27_05116 755 Quintilla Gaia 076–0125498 Diam = 45.5 m = 12.2 m = 13.7  Dur = 4.5s Dmag = 1.7 Sun: 168° Moon: 105°	2027 may 31 20h12.2m A27_05011 19 Fortuna UCAC4 343–111681 Diam = 149.0 m = 10.6 m = 10.9  Dur = 13.7s Dmag = 0.9 Sun: 164° Moon: 112°
2027 jun 2 21h56.4m B27_06038 2023PD5 UCAC4 340–197875 Diam = 129.4 m = 12.9 m = 22.5  Dur = 11.3s Dmag = 9.6 Sun: 126° Moon: 101°	2027 jun 6 21h46.3m B27_06033 2013KY18 UCAC4 326–179624 Diam = 182.0 m = 15.0 m = 21.5  Dur = 8.7s Dmag = 6.5 Sun: 154° Moon: 177°	2027 jun 7 22h56.1m A27_06144 1107 Lictoria TYC 6291–02185–1 Diam = 81.0 m = 11.5 m = 14.5  Dur = 7.4s Dmag = 3.1 Sun: 150° Moon: 166°	2027 jun 8 20h49.1m B27_06029 2010EL139 UCAC4 252–066004 Diam = 346.7 m = 14.8 m = 21.3  Dur = 16.1s Dmag = 6.4 Sun: 144° Moon: 95°
2027 jun 10 20h51.5m A27_06170 2920 Automedon TYC 6123–00042–1 Diam = 123.0 m = 9.6 m = 16.2  Dur = 12.3s Dmag = 6.7 Sun: 131° Moon: 49°	2027 jun 12 3h29.9m A27_06035 81 Terpsichore UCAC5 278–176169 Diam = 124.0 m = 12.4 m = 13.3  Dur = 9.3s Dmag = 1.3 Sun: 162° Moon: 94°	2027 jun 12 17h28.5m A27_06064 247 Eukrate HIP 81502 Diam = 137.0 m = 8.9 m = 13.2  Dur = 9.1s Dmag = 4.4 Sun: 145° Moon: 71°	2027 jun 14 18h 5.0m B27_06007 169071 2001FR185 UCAC4 322–091731 Diam = 105.2 m = 14.3 m = 23.0  Dur = 4.5s Dmag = 8.7 Sun: 171° Moon: 42°

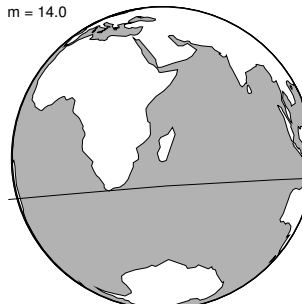
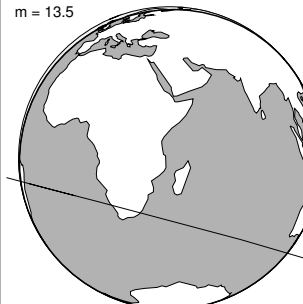
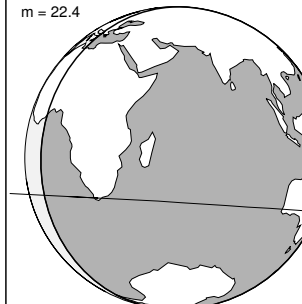
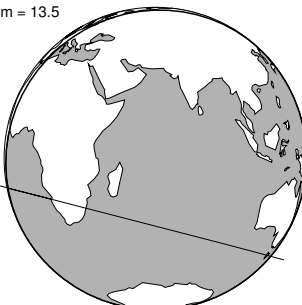
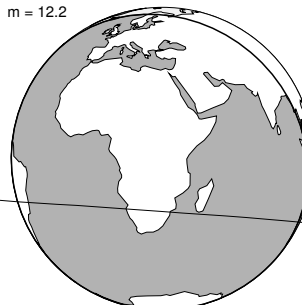
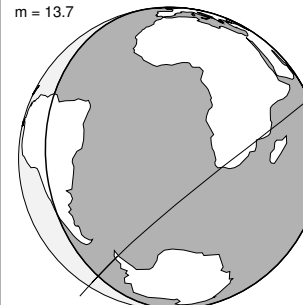
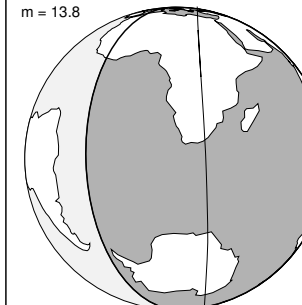
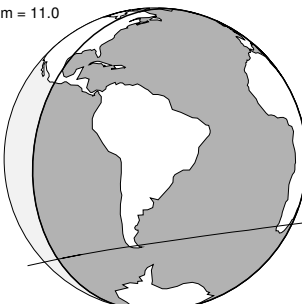
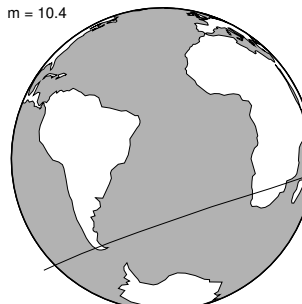
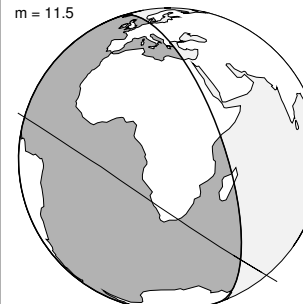
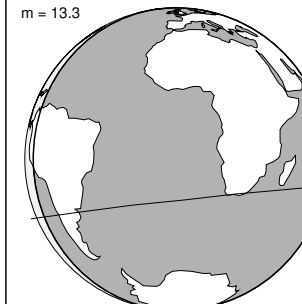
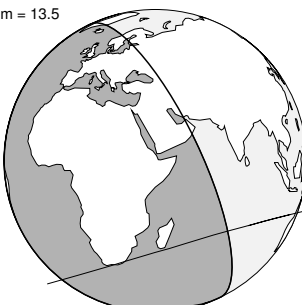
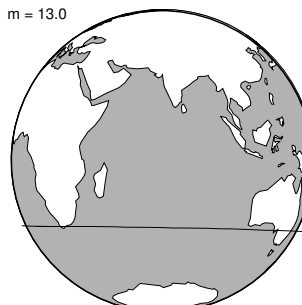
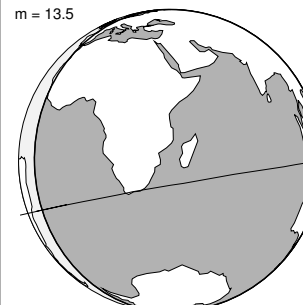
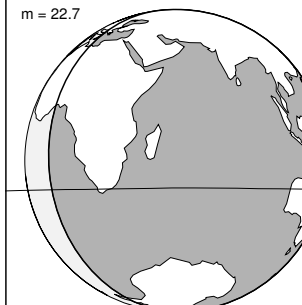
Occultations by major and minor planets – 2027

Region 4

2027 jun 17 18h57.1m A27_06151 1254 Erfordia TYC 6849–00306–1 Diam = 49.2 m = 10.7 m = 15.1  Dur = 3.9s Dmag = 4.4 Sun: 175° Moon: 17°	2027 jun 17 19h41.1m B27_06004 135571 2002GG32 UCAC4 269–156053 Diam = 155.6 m = 14.5 m = 22.7  Dur = 6.7s Dmag = 8.2 Sun: 165° Moon: 22°	2027 jun 18 18h47.9m B27_06028 2005LB54 UCAC4 334–140064 Diam = 302.0 m = 14.4 m = 21.9  Dur = 12.4s Dmag = 7.5 Sun: 173° Moon: 10°	2027 jun 22 0h 0.9m A27_06055 239 Adrastea UCAC4 386–136056 Diam = 43.0 m = 11.1 m = 14.8  Dur = 4.3s Dmag = 3.8 Sun: 155° Moon: 14°
2027 jun 22 19h14.0m A27_06098 593 Titania Gaia 058–0320317 Diam = 78.2 m = 12.5 m = 14.1  Dur = 5.1s Dmag = 1.9 Sun: 163° Moon: 29°	2027 jun 25 22h35.5m A27_06115 704 Interamnia UCAC4 363–188268 Diam = 333.0 m = 11.8 m = 10.4  Dur = 28.1s Dmag = 0.3 Sun: 158° Moon: 54°	2027 jun 27 1h50.6m A27_06158 1320 Impala UCAC4 294–112553 Diam = 45.6 m = 11.5 m = 13.3  Dur = 4.5s Dmag = 2.0 Sun: 160° Moon: 106°	2027 jun 27 20h16.0m A27_06145 1107 Lictoria UCAC5 345–161413 Diam = 81.0 m = 12.5 m = 14.2  Dur = 5.6s Dmag = 1.9 Sun: 172° Moon: 90°
2027 jun 27 22h 1.6m A27_06026 67 Asia TYC 5700–00261–1 Diam = 60.0 m = 8.7 m = 10.3  Dur = 9.0s Dmag = 1.8 Sun: 167° Moon: 93°	2027 jun 29 22h19.5m A27_06080 350 Ornamenta TYC 5025–00081–1 Diam = 123.0 m = 11.4 m = 14.1  Dur = 9.7s Dmag = 2.8 Sun: 134° Moon: 156°	2027 jul 1 17h 4.0m A27_07062 240 Vanadis UCAC5 340–156514 Diam = 108.0 m = 12.4 m = 13.0  Dur = 8.1s Dmag = 1.0 Sun: 177° Moon: 144°	2027 jul 1 21h 9.8m A27_07162 1144 Oda HIP 84883 Diam = 41.7 m = 6.4 m = 15.7  Dur = 3.2s Dmag = 9.3 Sun: 157° Moon: 159°
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 3 18h23.6m B27_07021 2002GQ32 UCAC4 316–094409 Diam = 120.2 m = 14.9 m = 23.1  Dur = 5.8s Dmag = 8.3 Sun: 152° Moon: 158°	2027 jul 4 2h52.4m A27_07059 240 Vanadis TYC 6292–00594–1 Diam = 108.0 m = 11.1 m = 12.9  Dur = 8.1s Dmag = 2.0 Sun: 178° Moon: 177°	2027 jul 4 17h20.8m A27_07151 971 Alsatia TYC 6856–01100–1 Diam = 66.7 m = 8.1 m = 14.3  Dur = 4.6s Dmag = 6.2 Sun: 171° Moon: 165°

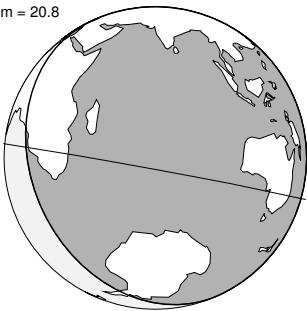
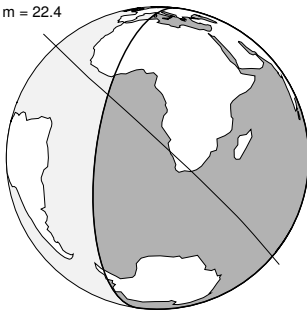
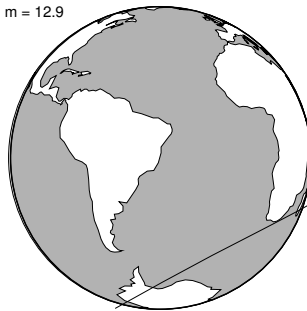
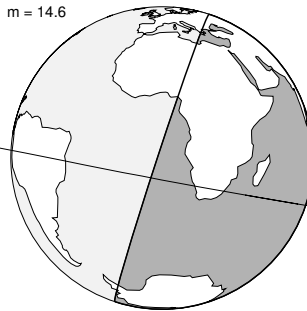
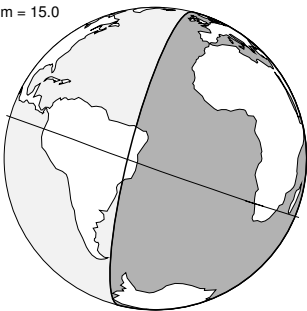
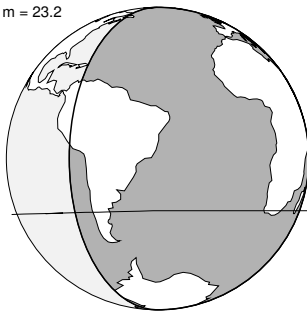
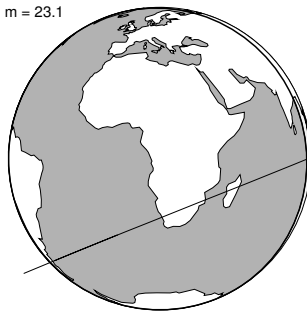
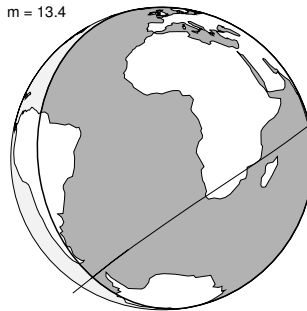
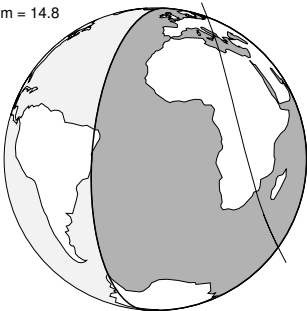
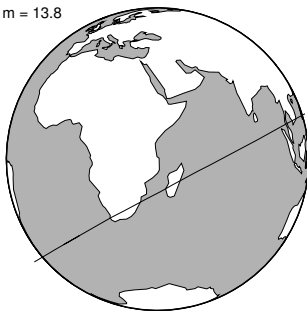
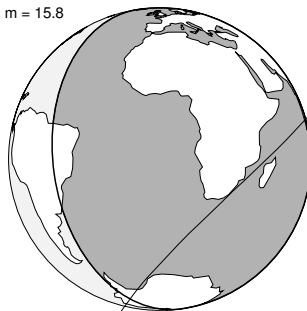
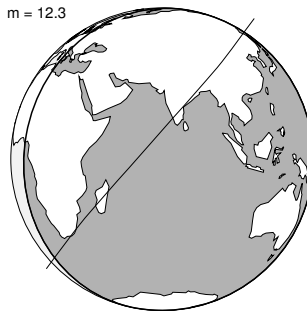
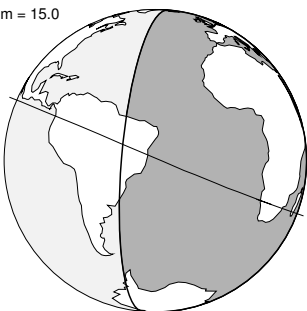
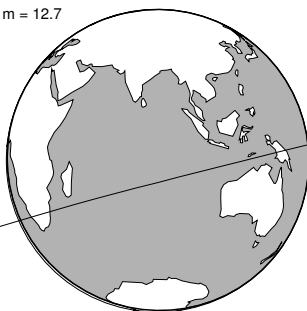
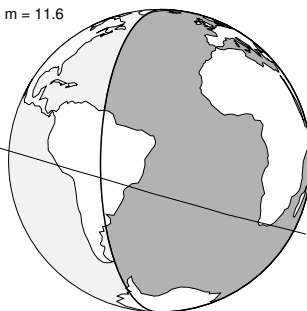
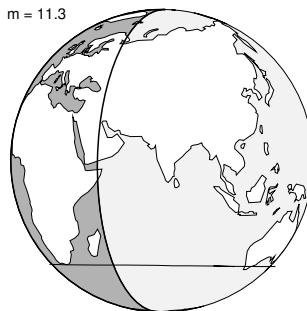
Occultations by major and minor planets – 2027

Region 4

2027 jul 6 3h15.8m B27_07003 119066 2001KJ76 UCAC5 308–214003 Diam = 207.0 m = 14.9 m = 22.7  Dur = 8.5s Dmag = 7.7 Sun: 171° Moon: 144°	2027 jul 6 20h37.1m A27_07076 300 Geraldina UCAC4 330–165234 Diam = 79.1 m = 10.2 m = 14.0  Dur = 6.4s Dmag = 3.8 Sun: 173° Moon: 135°	2027 jul 8 20h48.7m A27_07147 895 Helio UCAC5 394–083053 Diam = 147.0 m = 12.5 m = 13.5  Dur = 8.7s Dmag = 1.4 Sun: 167° Moon: 109°	2027 jul 9 18h15.5m B27_07009 182933 2002GZ31 UCAC5 338–088906 Diam = 212.8 m = 14.9 m = 22.4  Dur = 10.2s Dmag = 7.5 Sun: 153° Moon: 76°
2027 jul 10 19h15.3m A27_07146 895 Helio UCAC4 394–086335 Diam = 147.0 m = 11.8 m = 13.5  Dur = 8.8s Dmag = 2.0 Sun: 165° Moon: 83°	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 21h45.6m A27_07168 1320 Impala UCAC4 284–097600 Diam = 45.6 m = 11.6 m = 13.7  Dur = 6.7s Dmag = 2.2 Sun: 144° Moon: 42°	2027 jul 15 19h 5.1m A27_07128 709 Fringilla Gaia 050–0139100 Diam = 99.6 m = 10.9 m = 13.8  Dur = 12.1s Dmag = 3.0 Sun: 126° Moon: 25°
2027 jul 17 1h15.7m A27_07019 44 Nysa UCAC4 354–085721 Diam = 73.3 m = 11.8 m = 11.0  Dur = 10.2s Dmag = 0.4 Sun: 143° Moon: 20°	2027 jul 18 1h40.9m A27_07040 140 Siwa TYC 6311–00274–1 Diam = 114.0 m = 8.1 m = 10.4  Dur = 16.3s Dmag = 2.4 Sun: 177° Moon: 4°	2027 jul 18 3h18.4m A27_07089 387 Aquitania TYC 5269–01504–1 Diam = 106.0 m = 11.2 m = 11.5  Dur = 9.3s Dmag = 0.9 Sun: 111° Moon: 74°	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 20 1h43.0m A27_07097 485 Genua TYC 0596–00053–1 Diam = 68.2 m = 9.7 m = 13.5  Dur = 9.1s Dmag = 3.9 Sun: 107° Moon: 58°	2027 jul 25 19h35.7m A27_07156 972 Cohnia UCAC4 387–140054 Diam = 79.0 m = 12.5 m = 13.0  Dur = 7.5s Dmag = 1.1 Sun: 171° Moon: 73°	2027 jul 25 19h36.6m A27_07131 758 Mancunia UCAC4 336–149264 Diam = 86.5 m = 11.3 m = 13.5  Dur = 7.4s Dmag = 2.3 Sun: 153° Moon: 106°	2027 jul 27 18h 2.9m B27_07024 2005LA54 UCAC5 318–131408 Diam = 208.9 m = 14.8 m = 22.7  Dur = 10.5s Dmag = 8.0 Sun: 147° Moon: 136°

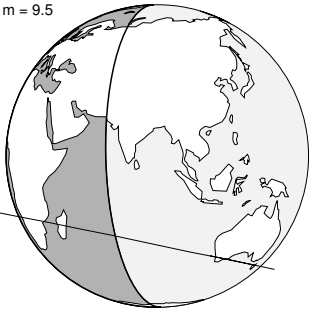
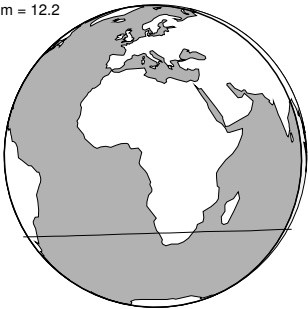
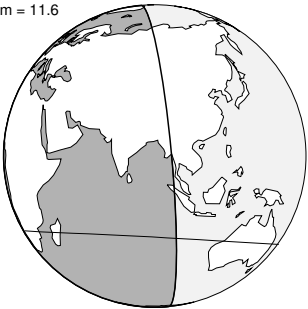
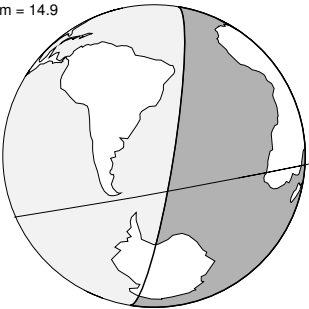
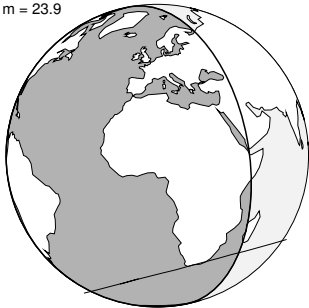
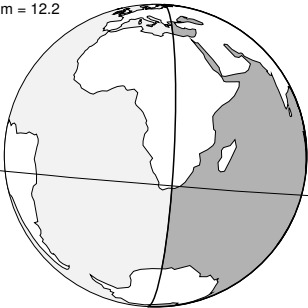
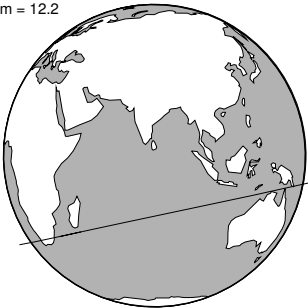
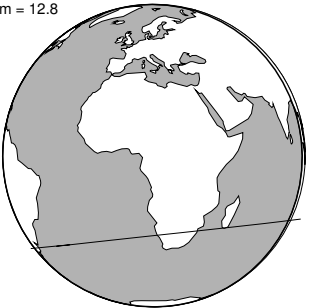
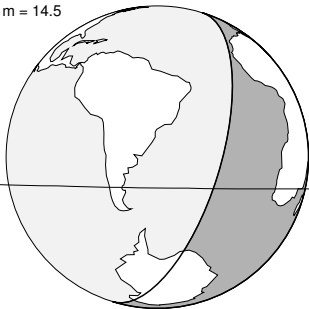
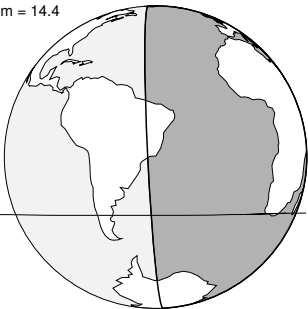
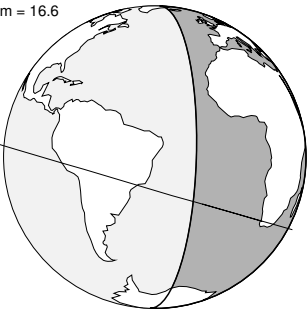
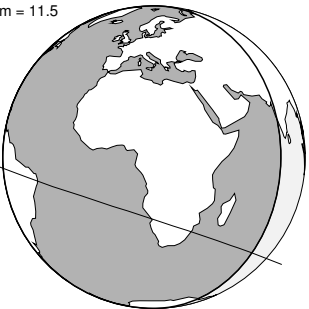
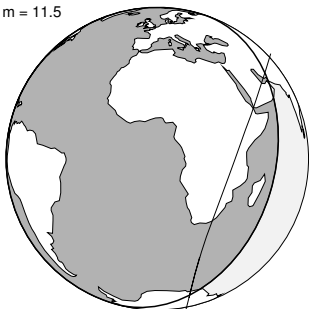
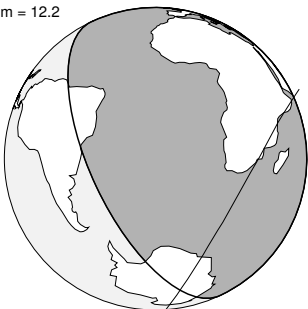
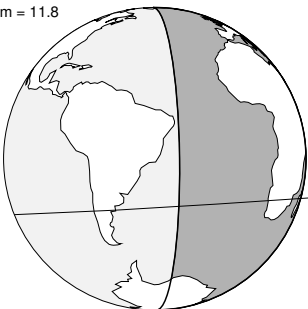
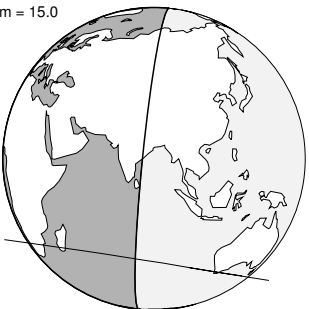
Occultations by major and minor planets – 2027

Region 4

2027 jul 30 17h 4.1m B27_07014 523682 2014CN23 UCAC4 260–172638 Diam = 69.5 m = 13.2 m = 20.8  Dur = 3.9s Dmag = 7.6 Sun: 145° Moon: 167°	2027 aug 1 18h38.6m B27_08015 578834 2014GF54 UCAC4 302–084057 Diam = 166.7 m = 13.4 m = 22.4  Dur = 21.7s Dmag = 9.0 Sun: 114° Moon: 123°	2027 aug 2 2h 6.0m A27_08066 402 Chloë TYC 6319–00753–1 Diam = 57.6 m = 12.9  Dur = 4.4s Dmag = 3.3 Sun: 170° Moon: 175°	2027 aug 2 17h37.6m A27_08073 465 Alekto TYC 6160–01392–1 Diam = 76.6 m = 11.3 m = 14.6  Dur = 4.1s Dmag = 3.4 Sun: 91° Moon: 87°
2027 aug 7 20h39.5m A27_08105 755 Quintilla TYC 6184–00002–1 Diam = 45.5 m = 9.9 m = 15.0  Dur = 3.5s Dmag = 5.2 Sun: 100° Moon: 28°	2027 aug 17 22h55.7m B27_08002 88267 2001KE76 UCAC5 334–122533 Diam = 192.3 m = 14.9 m = 23.2  Dur = 15.5s Dmag = 8.3 Sun: 125° Moon: 61°	2027 aug 18 23h54.0m B27_08022 2002PP153 UCAC4 413–147136 Diam = 192.3 m = 13.2 m = 23.1  Dur = 8.0s Dmag = 9.8 Sun: 165° Moon: 5°	2027 aug 24 21h49.5m A27_08067 402 Chloë UCAC4 348–184892 Diam = 57.6 m = 12.5 m = 13.4  Dur = 6.8s Dmag = 1.3 Sun: 144° Moon: 122°
2027 aug 25 20h25.9m A27_08117 888 Parysatis UCAC4 362–112455 Diam = 44.8 m = 10.8 m = 14.8  Dur = 7.4s Dmag = 4.1 Sun: 114° Moon: 161°	2027 aug 26 21h14.3m A27_08035 232 Russia HIP 109613 Diam = 55.2 m = 6.3 m = 13.8  Dur = 4.3s Dmag = 7.5 Sun: 178° Moon: 115°	2027 aug 30 21h 8.7m A27_08112 816 Juliana TYC 6306–00608–1 Diam = 62.5 m = 11.0 m = 15.8  Dur = 9.0s Dmag = 4.8 Sun: 134° Moon: 147°	2027 aug 31 17h37.5m A27_08025 136 Austria TYC 5200–01363–1 Diam = 41.7 m = 11.5 m = 12.3  Dur = 5.5s Dmag = 1.2 Sun: 155° Moon: 157°
2027 aug 31 21h 8.0m A27_08094 627 Charis TYC 6238–00401–1 Diam = 51.0 m = 11.3 m = 15.0  Dur = 4.5s Dmag = 3.7 Sun: 102° Moon: 101°	2027 sep 5 17h49.6m A27_09064 207 Hedda TYC 5817–00928–1 Diam = 60.0 m = 11.5 m = 12.7  Dur = 6.2s Dmag = 1.5 Sun: 169° Moon: 104°	2027 sep 6 21h40.0m A27_09024 67 Asia TYC 5702–02702–1 Diam = 60.0 m = 11.6 m = 11.6  Dur = 6.4s Dmag = 0.8 Sun: 113° Moon: 36°	2027 sep 8 2h35.7m A27_09108 532 Herculina UCAC4 532–030908 Diam = 216.5 m = 11.2 m = 11.3  Dur = 7.4s Dmag = 0.8 Sun: 64° Moon: 156°

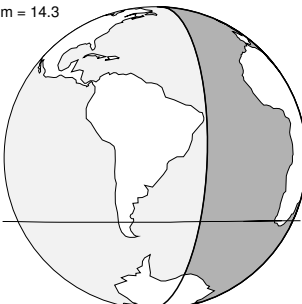
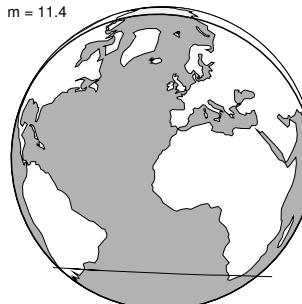
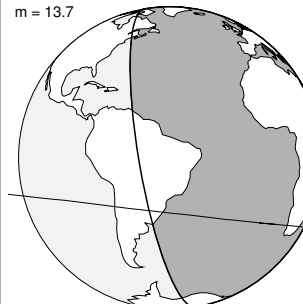
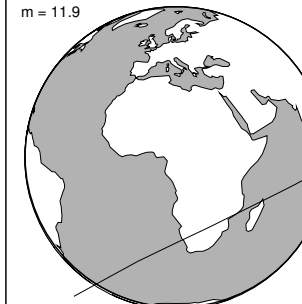
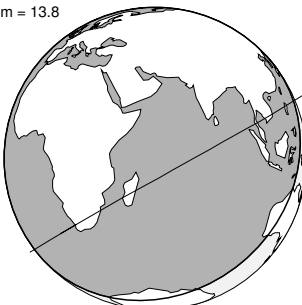
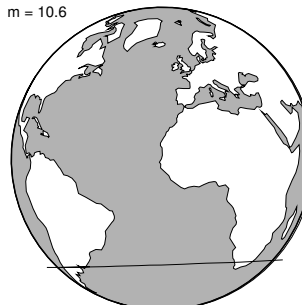
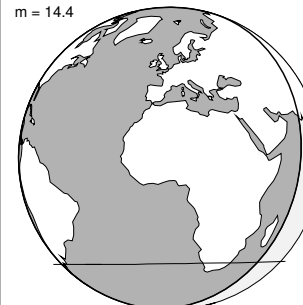
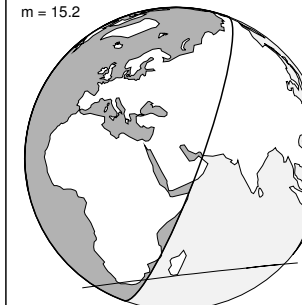
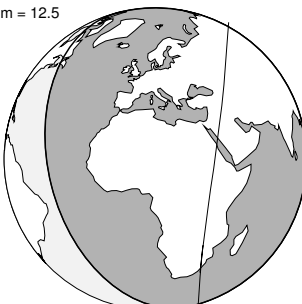
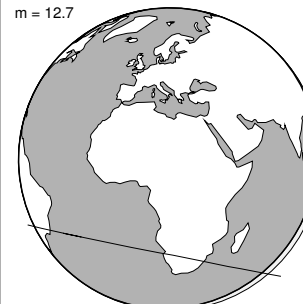
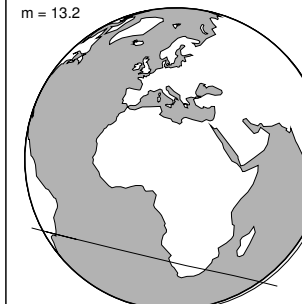
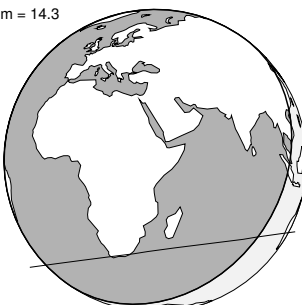
Occultations by major and minor planets – 2027

Region 4

2027 sep 10 1h19.8m A27_09003 3 Juno UCAC4 506–026838 Diam = 257.6 m = 11.8 m = 9.5  Dur = 8.4s Dmag = 0.1 Sun: 70° Moon: 165°	2027 sep 13 23h55.9m A27_09102 497 Iva UCAC4 458–000618 Diam = 45.3 m = 12.4 m = 12.2  Dur = 8.8s Dmag = 0.7 Sun: 163° Moon: 38°	2027 sep 14 23h23.0m A27_09005 5 Astraea UCAC4 533–010721 Diam = 125.0 m = 11.9 m = 11.6  Dur = 8.3s Dmag = 0.6 Sun: 96° Moon: 95°	2027 sep 18 19h58.5m A27_09138 795 Fini UCAC4 240–107460 Diam = 78.7 m = 10.2 m = 14.9  Dur = 3.4s Dmag = 4.8 Sun: 82° Moon: 130°
2027 sep 22 2h56.4m B27_09023 2016RL82 UCAC4 514–005337 Diam = 100.9 m = 13.9 m = 23.9  Dur = 7.6s Dmag = 10.0 Sun: 127° Moon: 23°	2027 sep 22 16h15.0m A27_09013 19 Fortuna HIP 85285 Diam = 149.0 m = 12.2 m = 8.2  Dur = 7.5s Dmag = 4.0 Sun: 82° Moon: 174°	2027 sep 24 18h47.9m A27_09048 139 Juewa UCAC4 469–000561 Diam = 164.0 m = 12.3 m = 12.2  Dur = 11.0s Dmag = 0.7 Sun: 173° Moon: 102°	2027 sep 24 23h41.3m A27_09145 932 Hooveria TYC 0015–01008–1 Diam = 41.7 m = 11.0 m = 12.8  Dur = 4.4s Dmag = 2.0 Sun: 167° Moon: 98°
2027 sep 26 19h 3.3m A27_09040 98 Ianthé UCAC4 273–087881 Diam = 109.0 m = 11.7 m = 14.5  Dur = 3.5s Dmag = 2.8 Sun: 65° Moon: 109°	2027 sep 26 20h55.2m A27_09069 240 Vanadis UCAC4 334–164264 Diam = 108.0 m = 11.3 m = 14.4  Dur = 8.0s Dmag = 3.1 Sun: 92° Moon: 137°	2027 sep 27 19h19.1m A27_09081 319 Leona UCAC4 387–075678 Diam = 73.3 m = 11.9 m = 16.6  Dur = 3.3s Dmag = 4.7 Sun: 74° Moon: 105°	2027 sep 28 0h57.8m A27_09117 599 Luisa TYC 0039–00509–1 Diam = 69.6 m = 10.8 m = 11.5  Dur = 9.9s Dmag = 1.2 Sun: 147° Moon: 120°
2027 oct 1 2h 6.5m A27_10061 234 Barbara TYC 5287–00547–1 Diam = 44.6 m = 11.3 m = 11.5  Dur = 5.9s Dmag = 0.8 Sun: 141° Moon: 146°	2027 oct 2 21h10.5m A27_10092 416 Vaticana UCAC4 274–199069 Diam = 89.5 m = 11.5 m = 12.2  Dur = 10.1s Dmag = 1.2 Sun: 115° Moon: 80°	2027 oct 3 20h 4.2m A27_10019 88 Thisbe UCAC4 342–118837 Diam = 232.0 m = 12.0 m = 11.8  Dur = 9.7s Dmag = 0.7 Sun: 80° Moon: 33°	2027 oct 4 0h23.1m A27_10094 442 Eichsfeldia TYC 1348–01428–1 Diam = 67.5 m = 9.6 m = 15.0  Dur = 3.6s Dmag = 5.4 Sun: 85° Moon: 135°

Occultations by major and minor planets – 2027

Region 4

2027 oct 8 20h 5.1m A27_10117 554 Peraga PPMX 12661005 Diam = 98.5 m = 12.1 m = 14.3  Dur = 3.8s Dmag = 2.3 Sun: 69° Moon: 35°	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 12 21h47.6m A27_10048 156 Xanthippe TYC 5739-01061-1 Diam = 126.0 m = 9.4 m = 13.7  Dur = 9.9s Dmag = 4.3 Sun: 101° Moon: 47°	2027 oct 27 22h35.8m A27_10050 163 Erigone TYC 0033-00481-1 Diam = 76.0 m = 10.5 m = 11.9  Dur = 8.5s Dmag = 1.7 Sun: 170° Moon: 161°
2027 oct 28 21h 4.7m A27_10079 286 Iclea UCAC5 414-003713 Diam = 96.5 m = 12.5 m = 13.8  Dur = 7.4s Dmag = 1.6 Sun: 153° Moon: 145°	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 23 1h43.9m A27_11085 530 Turandot PPMX 6983090 Diam = 89.3 m = 12.5 m = 14.4  Dur = 7.8s Dmag = 2.1 Sun: 149° Moon: 86°	2027 dec 3 2h43.5m A27_12152 859 Bouzaréah TYC 1973-01193-1 Diam = 77.5 m = 10.6 m = 15.2  Dur = 6.5s Dmag = 4.7 Sun: 99° Moon: 152°
2027 dec 5 19h56.2m A27_12102 480 Hansa UCAC4 539-002849 Diam = 58.0 m = 11.9 m = 12.5  Dur = 5.9s Dmag = 1.1 Sun: 135° Moon: 50°	2027 dec 19 0h29.6m A27_12030 106 Dione UCAC4 582-037708 Diam = 146.9 m = 12.2 m = 11.8  Dur = 13.6s Dmag = 0.5 Sun: 157° Moon: 51°	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 27 23h35.1m A27_12094 442 Eichsfeldia UCAC4 535-039152 Diam = 67.5 m = 12.5 m = 13.2  Dur = 6.1s Dmag = 1.1 Sun: 167° Moon: 168°
2027 dec 28 23h15.2m A27_12047 188 Menippe UCAC4 479-043042 Diam = 41.3 m = 12.4 m = 14.3  Dur = 3.3s Dmag = 2.0 Sun: 147° Moon: 158°			