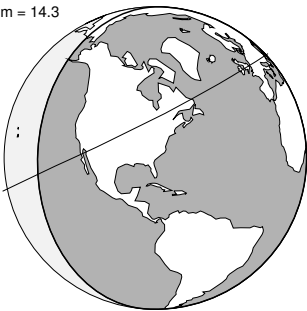
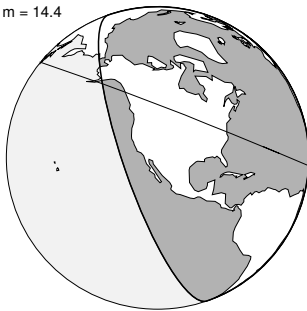
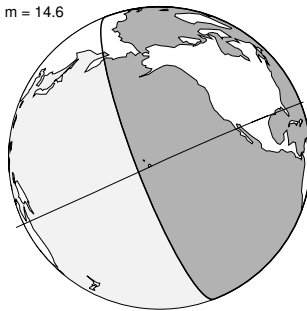
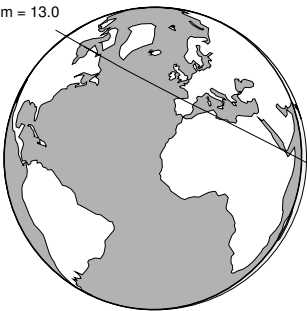
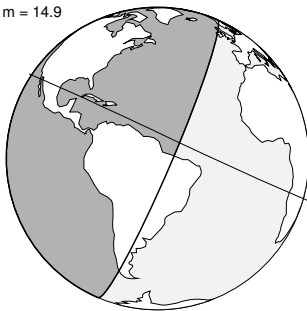
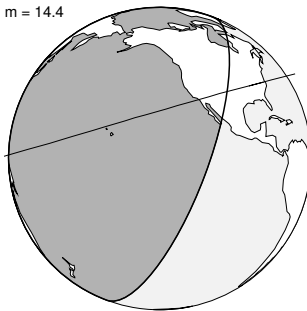
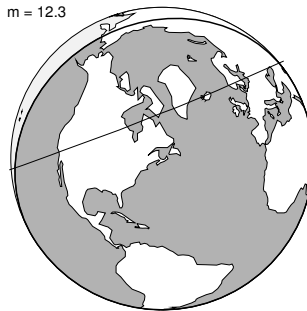
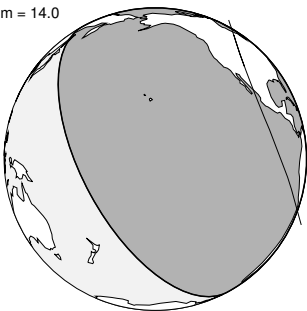
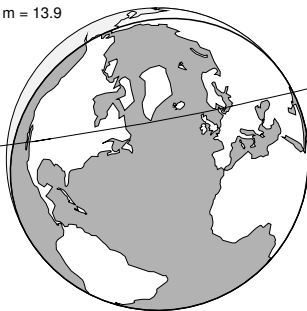
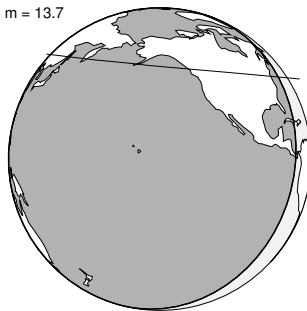
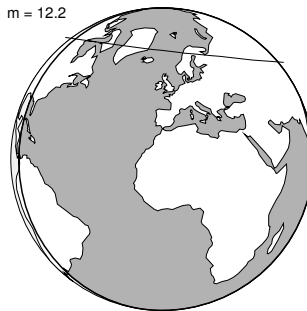
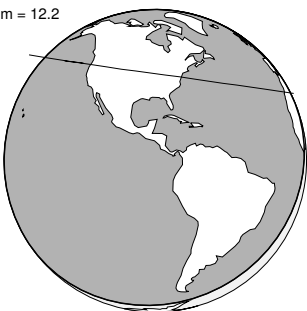
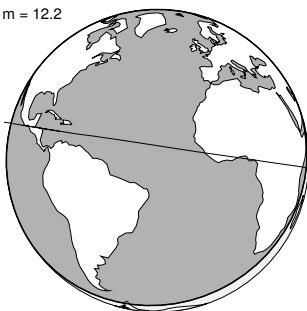
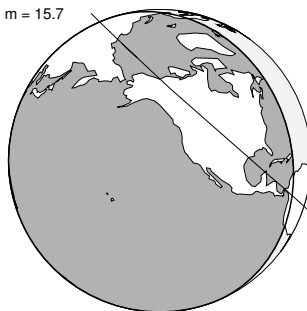
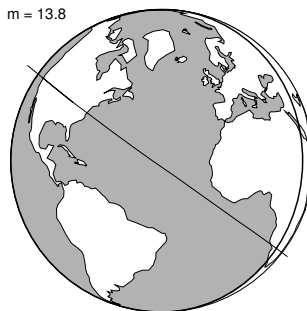


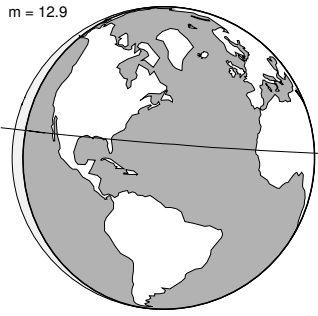
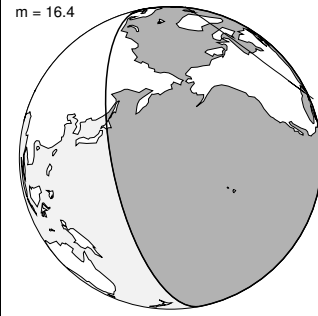
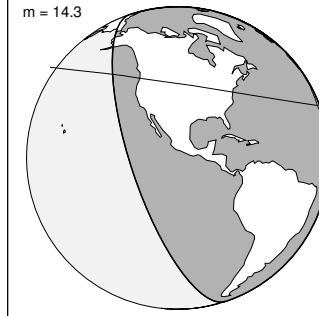
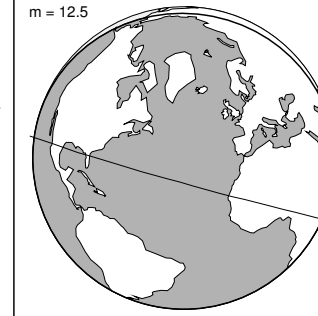
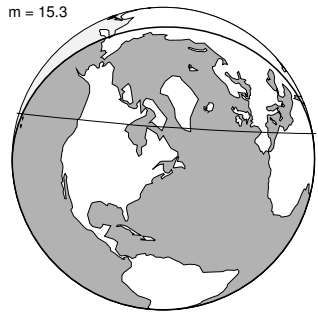
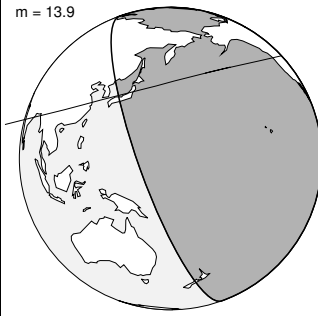
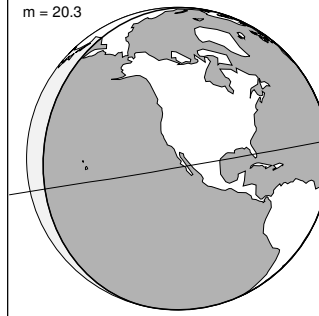
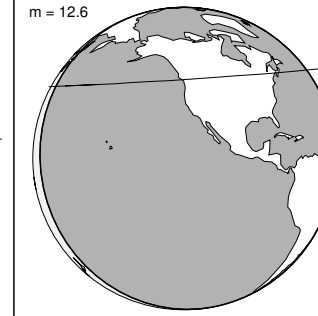
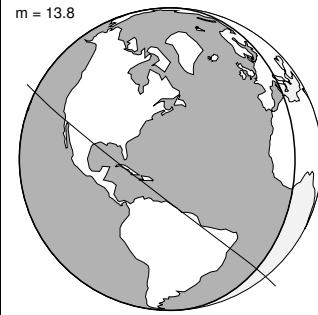
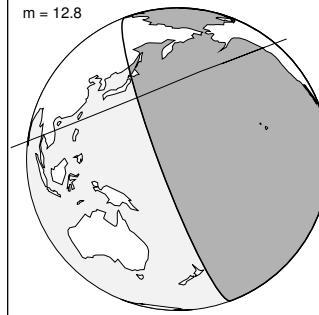
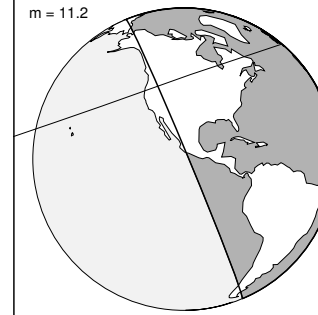
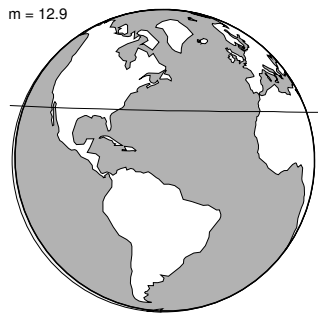
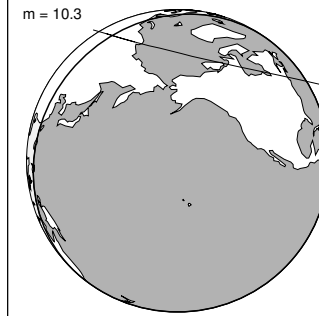
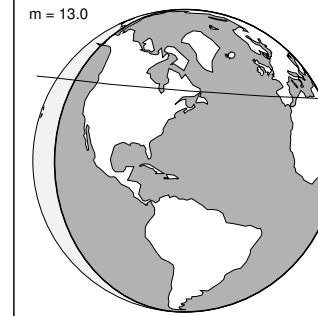
Occultations by major and minor planets – 2027

Region 1

2027 jan 1 2h34.9m A27_01154 1351 Uzbekistania UCAC4 614–010945 Diam = 67.1 m = 12.2 m = 14.3  Dur = 9.6s Dmag = 2.3 Sun: 141° Moon: 142°	2027 jan 2 1h33.4m A27_01158 1467 Mashona TYC 2280–01066–1 Diam = 112.0 m = 9.4 m = 14.4  Dur = 9.3s Dmag = 5.0 Sun: 103° Moon: 158°	2027 jan 2 4h13.6m A27_01153 1317 Silvette TYC 1194–01338–1 Diam = 43.5 m = 10.1 m = 14.6  Dur = 3.3s Dmag = 4.4 Sun: 99° Moon: 160°	2027 jan 2 12h 8.0m A27_01011 34 Circe TYC 5575–00046–1 Diam = 118.0 m = 10.9 m = 13.7  Dur = 3.7s Dmag = 2.9 Sun: 62° Moon: 8°
2027 jan 3 2h23.5m A27_01110 628 Christine TYC 1371–00114–1 Diam = 51.0 m = 12.3 m = 13.0  Dur = 4.1s Dmag = 1.2 Sun: 164° Moon: 113°	2027 jan 3 9h 3.7m A27_01010 33 Polyhymnia TYC 4941–01022–1 Diam = 81.3 m = 9.6 m = 14.9  Dur = 8.7s Dmag = 5.3 Sun: 95° Moon: 47°	2027 jan 3 14h 4.9m A27_01137 943 Begonia UCAC4 506–053542 Diam = 72.0 m = 12.3 m = 14.4  Dur = 6.8s Dmag = 2.2 Sun: 108° Moon: 64°	2027 jan 5 3h19.6m A27_01015 61 Danaë TYC 3374–01463–1 Diam = 83.6 m = 12.2 m = 12.3  Dur = 6.0s Dmag = 0.8 Sun: 153° Moon: 156°
2027 jan 5 6h35.2m A27_01087 483 Seppina TYC 4711–01116–1 Diam = 73.5 m = 11.6 m = 14.0  Dur = 12.6s Dmag = 2.6 Sun: 119° Moon: 141°	2027 jan 6 1h42.6m A27_01062 373 Melusina TYC 3374–00778–1 Diam = 99.6 m = 11.2 m = 13.9  Dur = 7.6s Dmag = 2.8 Sun: 154° Moon: 162°	2027 jan 6 11h46.8m A27_01055 283 Emma UCAC4 535–048789 Diam = 150.0 m = 12.0 m = 13.7  Dur = 12.6s Dmag = 1.9 Sun: 152° Moon: 138°	2027 jan 6 23h 9.0m A27_01082 449 Hamburga UCAC4 572–020150 Diam = 88.6 m = 12.1 m = 12.2  Dur = 11.3s Dmag = 0.8 Sun: 161° Moon: 171°
2027 jan 7 6h39.6m A27_01073 444 Gypsis UCAC4 479–040363 Diam = 170.0 m = 11.5 m = 12.2  Dur = 12.7s Dmag = 1.2 Sun: 160° Moon: 154°	2027 jan 8 2h50.8m A27_01072 444 Gypsis UCAC4 479–040246 Diam = 170.0 m = 11.5 m = 12.2  Dur = 12.6s Dmag = 1.2 Sun: 160° Moon: 160°	2027 jan 8 11h12.1m A27_01096 564 Dudu TYC 2499–01179–1 Diam = 50.7 m = 10.0 m = 15.7  Dur = 3.3s Dmag = 5.7 Sun: 150° Moon: 156°	2027 jan 9 4h 6.8m A27_01068 411 Xanthe UCAC4 569–044810 Diam = 79.0 m = 12.1 m = 13.8  Dur = 5.6s Dmag = 1.9 Sun: 158° Moon: 172°

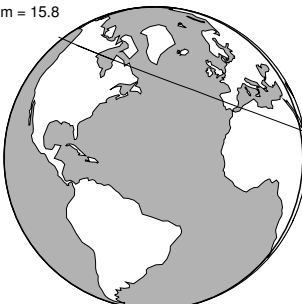
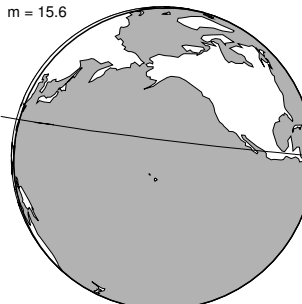
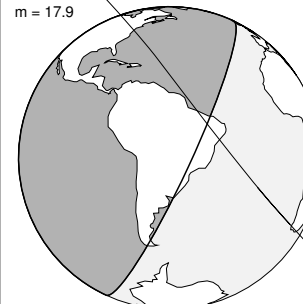
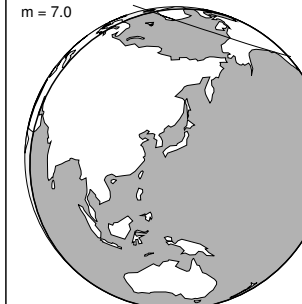
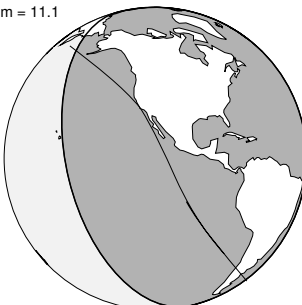
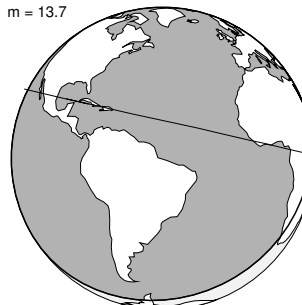
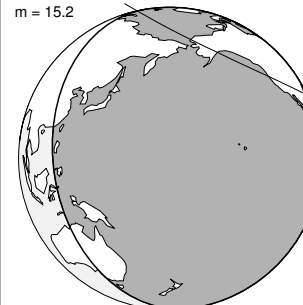
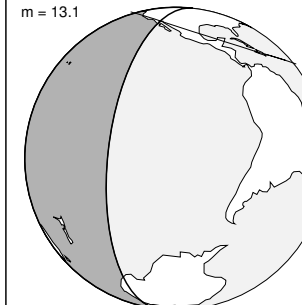
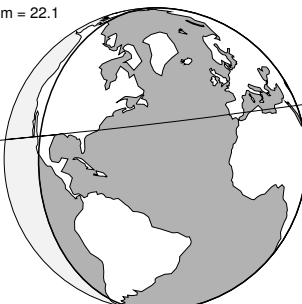
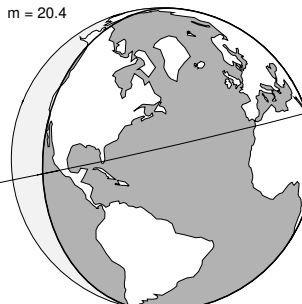
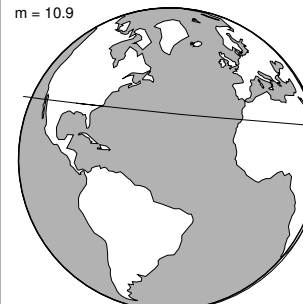
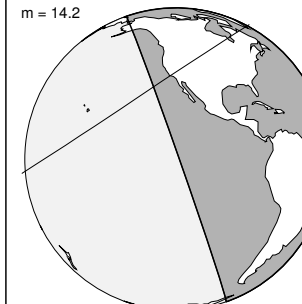
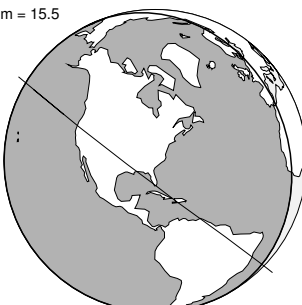
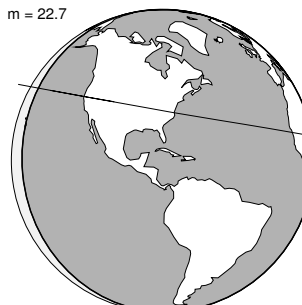
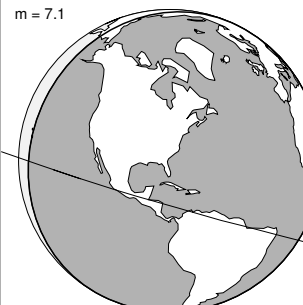
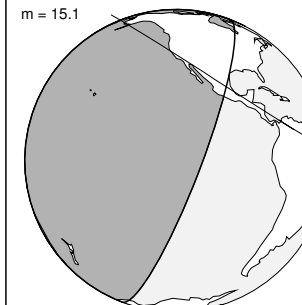
Occultations by major and minor planets – 2027

Region 1

2027 jan 10 2h24.6m A27_01097 566 Stereoscopia UCAC4 576–019408 Diam = 175.0 m = 11.4 m = 12.9  Dur = 15.5s Dmag = 1.7 Sun: 158° Moon: 134°	2027 jan 10 7h 7.7m A27_01163 3012 Minsk TYC 2318–00679–1 Diam = 64.1 m = 11.5 m = 16.4  Dur = 9.5s Dmag = 4.9 Sun: 112° Moon: 88°	2027 jan 11 1h53.7m A27_01045 188 Menippe PPMX 5856033 Diam = 41.3 m = 12.1 m = 14.3  Dur = 4.9s Dmag = 2.3 Sun: 108° Moon: 73°	2027 jan 11 2h39.2m A27_01039 152 Atala UCAC5 645–041675 Diam = 89.9 m = 12.4 m = 12.5  Dur = 7.4s Dmag = 0.8 Sun: 162° Moon: 140°
2027 jan 12 4h18.5m A27_01160 2008 Konstitutsiya UCAC4 707–045139 Diam = 52.5 m = 12.5 m = 15.3  Dur = 3.7s Dmag = 2.9 Sun: 150° Moon: 120°	2027 jan 12 8h 3.7m A27_01070 419 Aurelia TYC 0636–00959–1 Diam = 133.0 m = 11.1 m = 13.9  Dur = 14.5s Dmag = 2.8 Sun: 102° Moon: 53°	2027 jan 13 5h53.7m B27_01003 590218 2011UD63 UCAC4 598–022395 Diam = 75.5 m = 14.0 m = 20.3  Dur = 3.9s Dmag = 6.3 Sun: 152° Moon: 94°	2027 jan 13 7h10.4m A27_01043 179 Klytaemnestra UCAC4 540–025704 Diam = 81.0 m = 11.7 m = 12.6  Dur = 6.7s Dmag = 1.3 Sun: 161° Moon: 103°
2027 jan 13 23h18.4m A27_01151 1298 Nocturna UCAC4 535–003049 Diam = 47.3 m = 12.4 m = 16.0  Dur = 3.2s Dmag = 3.6 Sun: 96° Moon: 29°	2027 jan 14 6h44.6m A27_01076 446 Aeternitas UCAC4 585–045507 Diam = 43.0 m = 11.3 m = 13.8  Dur = 4.0s Dmag = 2.6 Sun: 145° Moon: 137°	2027 jan 14 7h20.6m A27_01012 46 Hestia UCAC4 498–002862 Diam = 131.0 m = 12.2 m = 12.8  Dur = 8.2s Dmag = 1.1 Sun: 97° Moon: 26°	2027 jan 15 0h31.9m A27_01047 192 Nausikaa TYC 1196–00615–1 Diam = 107.0 m = 11.3 m = 11.2  Dur = 4.8s Dmag = 0.7 Sun: 88° Moon: 9°
2027 jan 17 3h11.1m A27_01059 322 Phaeo PPMX 7068316 Diam = 73.8 m = 12.0 m = 12.9  Dur = 6.0s Dmag = 1.3 Sun: 167° Moon: 65°	2027 jan 17 5h31.3m A27_01008 25 Phocaea UCAC4 372–055230 Diam = 78.0 m = 12.3 m = 12.7  Dur = 6.5s Dmag = 1.0 Sun: 137° Moon: 106°	2027 jan 17 9h37.3m A27_01006 22 Kalliope UCAC4 634–036091 Diam = 187.0 m = 12.4 m = 10.3  Dur = 17.9s Dmag = 0.1 Sun: 157° Moon: 52°	2027 jan 18 2h20.1m A27_01098 566 Stereoscopia UCAC4 577–018110 Diam = 175.0 m = 12.4 m = 13.0  Dur = 19.1s Dmag = 1.1 Sun: 148° Moon: 30°

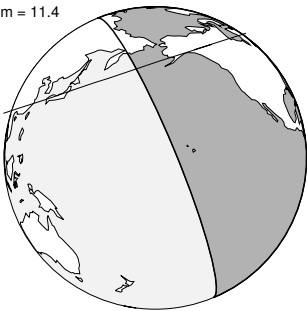
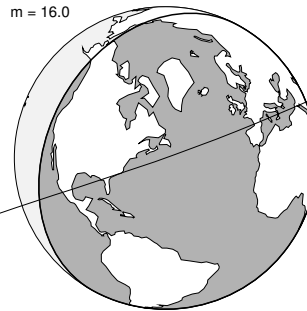
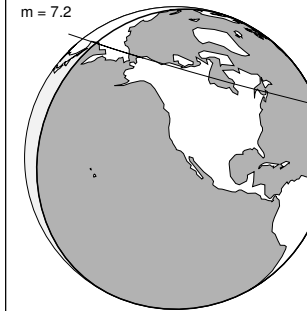
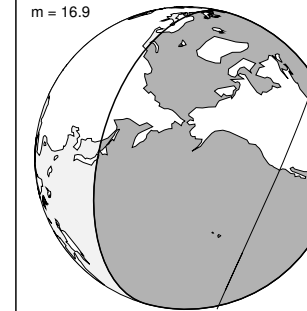
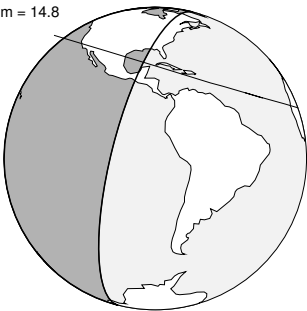
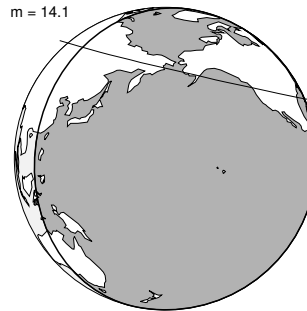
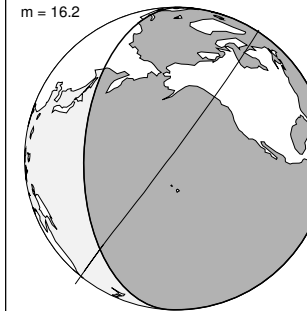
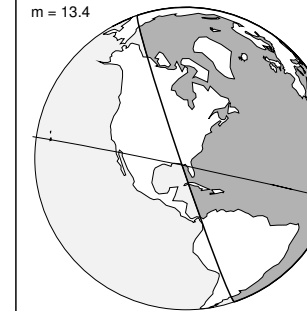
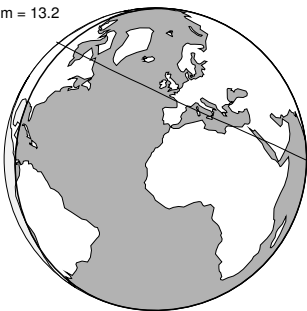
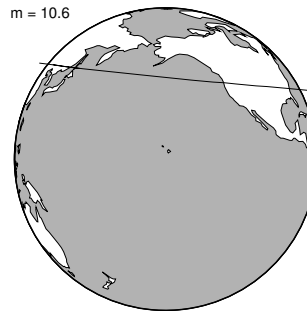
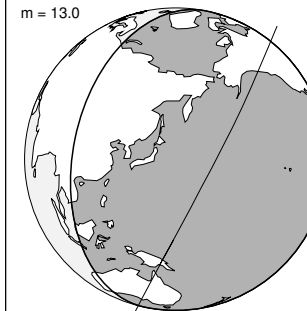
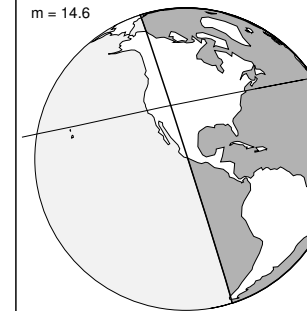
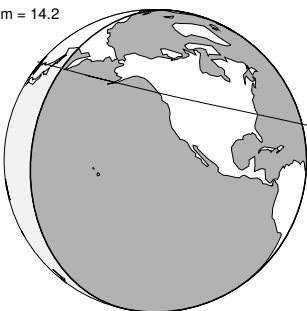
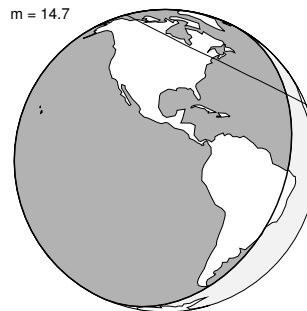
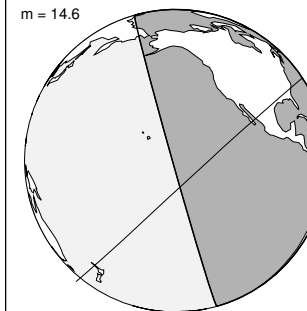
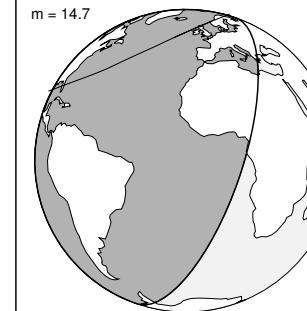
Occultations by major and minor planets – 2027

Region 1

2027 jan 18 4h 4.5m A27_01145 1154 Astronomia TYC 1399-00849-1 Diam = 64.3 m = 11.2 m = 15.8  Dur = 4.4s Dmag = 4.5 Sun: 167° Moon: 72°	2027 jan 18 9h38.1m A27_01157 1439 Vogtia HIP 35152 Diam = 60.1 m = 5.0 m = 15.6  Dur = 4.5s Dmag = 10.6 Sun: 167° Moon: 46°	2027 jan 19 8h51.4m A27_01175 16974 Iphthime UCAC4 353-066306 Diam = 43.1 m = 12.1 m = 17.9  Dur = 5.0s Dmag = 5.8 Sun: 97° Moon: 126°	2027 jan 20 14h 4.1m A27_01002 1 Ceres TYC 2438-00218-1 Diam = 952.5 m = 11.3 m = 7.0  Dur = 88.2s Dmag = 0.0 Sun: 161° Moon: 12°
2027 jan 21 3h57.7m A27_01051 230 Athamantis PPMX 5920944 Diam = 125.0 m = 12.2 m = 11.1  Dur = 108.1s Dmag = 0.3 Sun: 125° Moon: 36°	2027 jan 21 4h 9.3m A27_01037 137 Meliboea TYC 4865-00449-1 Diam = 150.0 m = 11.8 m = 13.7  Dur = 9.7s Dmag = 2.1 Sun: 156° Moon: 40°	2027 jan 22 9h53.5m A27_01149 1271 Isergina UCAC4 542-015351 Diam = 49.5 m = 12.4 m = 15.2  Dur = 7.8s Dmag = 2.9 Sun: 140° Moon: 39°	2027 jan 22 14h39.3m A27_01114 654 Zelinda UCAC4 279-081679 Diam = 132.0 m = 10.4 m = 13.1  Dur = 4.3s Dmag = 2.8 Sun: 63° Moon: 116°
2027 jan 23 0h36.2m B27_01005 616560 2005XN113 UCAC4 583-016495 Diam = 206.1 m = 14.3 m = 22.1  Dur = 11.6s Dmag = 7.9 Sun: 140° Moon: 47°	2027 jan 23 1h 9.7m B27_01004 590218 2011UD63 PPMX 4984412 Diam = 75.5 m = 13.3 m = 20.4  Dur = 4.6s Dmag = 7.0 Sun: 142° Moon: 45°	2027 jan 23 3h49.0m A27_01032 111 Ate PPMX 6184182 Diam = 139.0 m = 12.5 m = 10.9  Dur = 14.5s Dmag = 0.2 Sun: 169° Moon: 2°	2027 jan 24 1h55.0m A27_01091 489 Comacina UCAC4 454-002790 Diam = 144.0 m = 12.1 m = 14.2  Dur = 9.0s Dmag = 2.3 Sun: 88° Moon: 113°
2027 jan 24 7h24.0m A27_01141 1024 Hale TYC 2513-00782-1 Diam = 43.2 m = 11.4 m = 15.5  Dur = 3.1s Dmag = 4.1 Sun: 151° Moon: 24°	2027 jan 25 4h 6.3m B27_01007 2014WK510 UCAC4 543-036621 Diam = 162.2 m = 13.8 m = 22.7  Dur = 7.1s Dmag = 8.9 Sun: 158° Moon: 58°	2027 jan 25 4h 6.5m A27_01003 1 Ceres UCAC4 607-036691 Diam = 952.5 m = 12.1 m = 7.1  Dur = 96.1s Dmag = 0.0 Sun: 156° Moon: 59°	2027 jan 25 13h22.3m A27_01053 255 Oppavia UCAC4 411-056120 Diam = 58.0 m = 12.5 m = 15.1  Dur = 4.5s Dmag = 2.8 Sun: 99° Moon: 39°

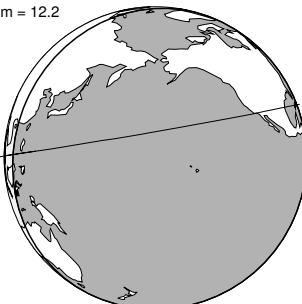
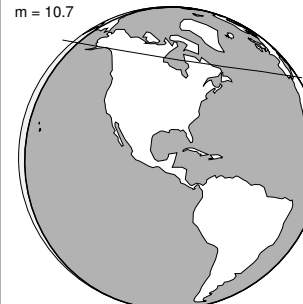
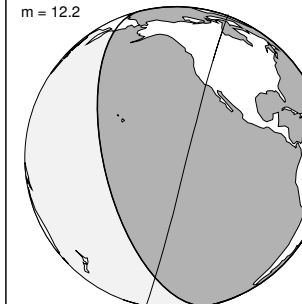
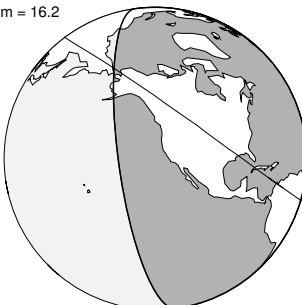
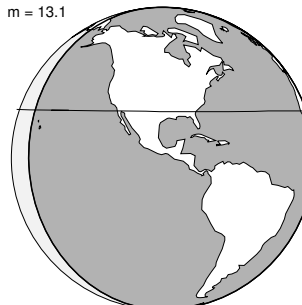
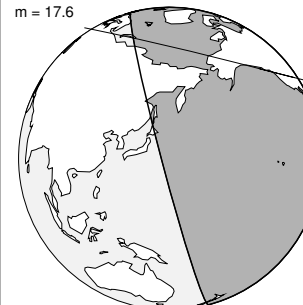
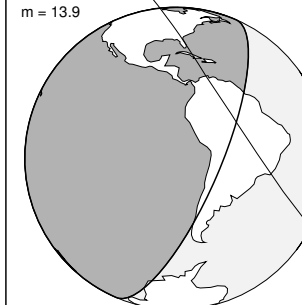
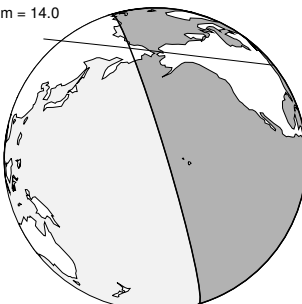
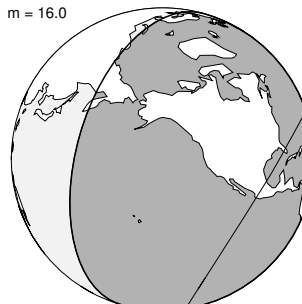
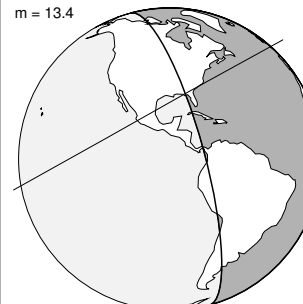
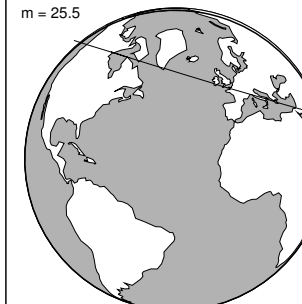
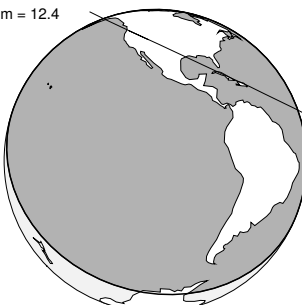
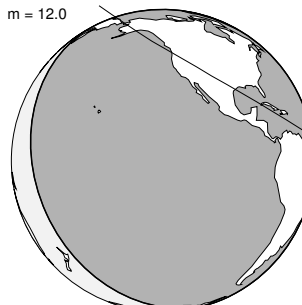
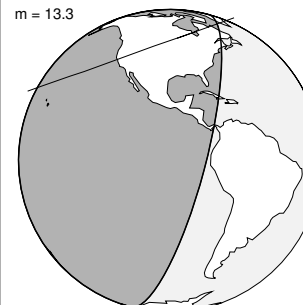
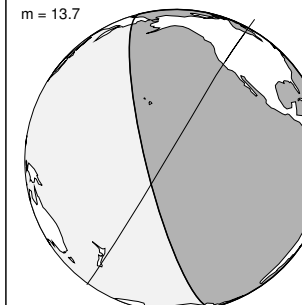
Occultations by major and minor planets – 2027

Region 1

2027 jan 26 4h37.6m A27_01048 192 Nausikaa TYC 1198–01512–1 Diam = 107.0 m = 8.1 m = 11.4  Dur = 4.2s Dmag = 3.3 Sun: 82° Moon: 148°	2027 jan 27 1h35.2m A27_01165 3024 Hainan UCAC4 664–044996 Diam = 41.1 m = 12.1 m = 16.0  Dur = 4.2s Dmag = 3.9 Sun: 141° Moon: 96°	2027 jan 27 6h37.7m A27_01004 1 Ceres TYC 2437–00594–1 Diam = 952.5 m = 8.5 m = 7.2  Dur = 101.0s Dmag = 0.3 Sun: 154° Moon: 89°	2027 jan 27 7h41.9m A27_01170 4867 Polites UCAC4 710–035372 Diam = 55.0 m = 11.9 m = 16.9  Dur = 3.8s Dmag = 5.1 Sun: 124° Moon: 113°
2027 jan 29 12h43.6m A27_01101 567 Eleutheria UCAC4 370–072358 Diam = 97.0 m = 10.2 m = 14.8  Dur = 3.8s Dmag = 4.7 Sun: 73° Moon: 18°	2027 jan 30 10h 5.8m A27_01132 866 Fatme UCAC4 584–032784 Diam = 91.7 m = 12.1 m = 14.1  Dur = 9.1s Dmag = 2.2 Sun: 149° Moon: 131°	2027 feb 1 6h54.2m A27_02108 1867 Deiphobus TYC 2389–01786–1 Diam = 131.0 m = 11.0 m = 16.2  Dur = 11.3s Dmag = 5.2 Sun: 127° Moon: 173°	2027 feb 1 23h15.0m A27_02028 96 Aegle UCAC4 611–007197 Diam = 174.0 m = 12.1 m = 13.4  Dur = 11.1s Dmag = 1.6 Sun: 92° Moon: 142°
2027 feb 1 23h33.2m A27_02082 628 Christine TYC 1910–00056–1 Diam = 51.0 m = 10.1 m = 13.2  Dur = 4.6s Dmag = 3.1 Sun: 157° Moon: 152°	2027 feb 2 10h30.5m A27_02031 111 Ate TYC 1393–01241–1 Diam = 139.0 m = 10.9 m = 10.6  Dur = 13.9s Dmag = 0.6 Sun: 177° Moon: 136°	2027 feb 2 10h55.1m A27_02066 426 Hippo Gaia 127–0049166 Diam = 134.0 m = 12.4 m = 13.0  Dur = 13.0s Dmag = 1.1 Sun: 132° Moon: 171°	2027 feb 3 0h39.5m A27_02075 514 Armida TYC 1216–00776–1 Diam = 110.0 m = 11.3 m = 14.6  Dur = 6.5s Dmag = 3.3 Sun: 89° Moon: 129°
2027 feb 3 6h37.2m A27_02097 866 Fatme TYC 1888–00333–1 Diam = 91.7 m = 11.7 m = 14.2  Dur = 10.3s Dmag = 2.6 Sun: 145° Moon: 178°	2027 feb 3 8h54.1m A27_02094 834 Burnhamia TYC 0264–01159–1 Diam = 69.2 m = 11.1 m = 14.7  Dur = 8.6s Dmag = 3.6 Sun: 142° Moon: 106°	2027 feb 6 3h44.6m A27_02061 404 Arsinoë TYC 0651–01108–1 Diam = 101.0 m = 12.1 m = 14.6  Dur = 7.0s Dmag = 2.6 Sun: 91° Moon: 97°	2027 feb 6 5h35.5m A27_02025 86 Semele TYC 4970–00758–1 Diam = 127.0 m = 11.4 m = 14.7  Dur = 43.7s Dmag = 3.4 Sun: 111° Moon: 107°

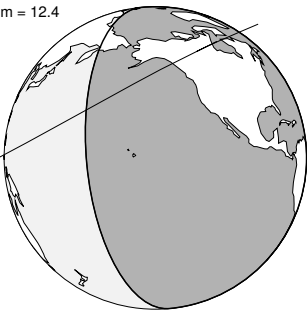
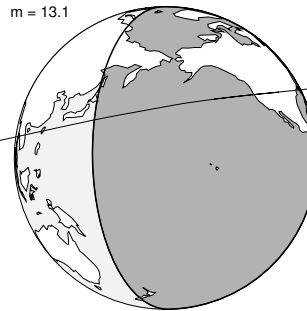
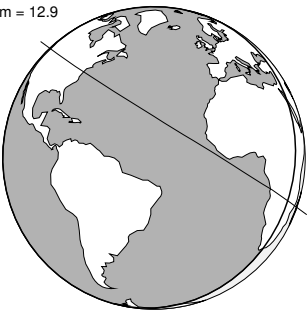
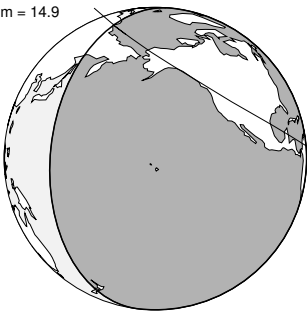
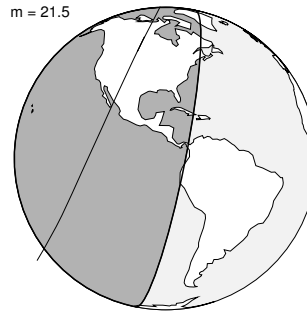
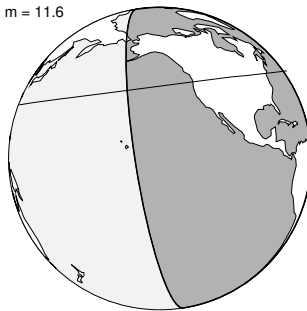
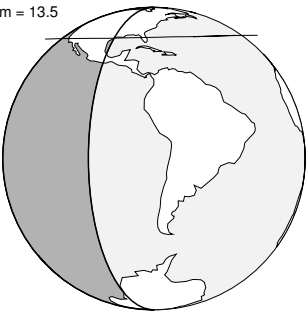
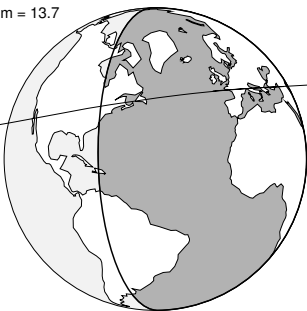
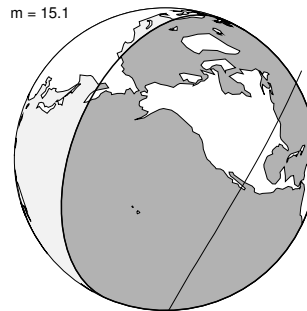
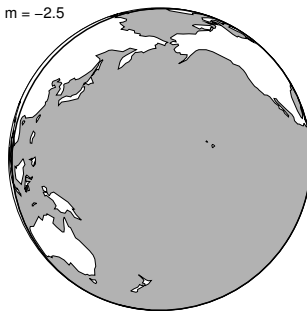
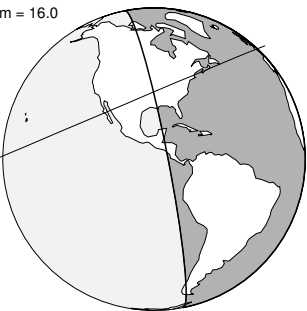
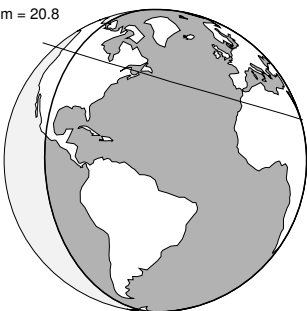
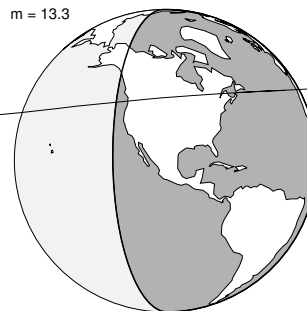
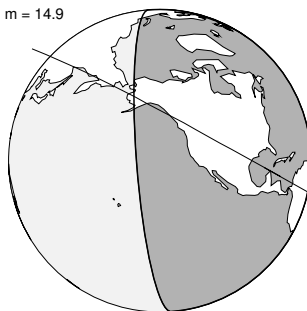
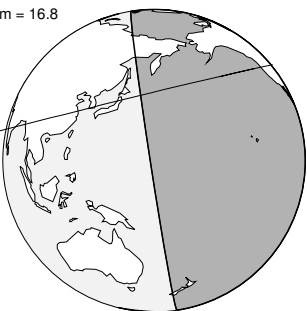
Occultations by major and minor planets – 2027

Region 1

2027 feb 6 10h24.1m A27_02035 141 Lumen TYC 1930–00164–1 Diam = 135.0 m = 9.1 m = 12.2  Dur = 11.6s Dmag = 3.2 Sun: 158° Moon: 161°	2027 feb 7 1h30.6m A27_02052 250 Bettina UCAC5 651–044522 Diam = 85.5 m = 11.7 m = 12.4  Dur = 9.0s Dmag = 0.5 Sun: 149° Moon: 146°	2027 feb 8 5h 5.7m A27_02004 30 Urania UCAC4 549–044354 Diam = 104.0 m = 12.5 m = 10.7  Dur = 10.9s Dmag = 0.2 Sun: 163° Moon: 146°	2027 feb 9 5h 0.5m A27_02040 181 Eucharis UCAC4 478–011088 Diam = 107.0 m = 11.8 m = 12.2  Dur = 9.5s Dmag = 1.0 Sun: 118° Moon: 92°
2027 feb 10 3h13.1m A27_02107 1721 Wells TYC 2369–02042–1 Diam = 44.3 m = 10.4 m = 16.2  Dur = 3.5s Dmag = 5.8 Sun: 104° Moon: 66°	2027 feb 11 4h43.8m A27_02091 779 Nina UCAC4 522–042329 Diam = 72.0 m = 12.4 m = 13.1  Dur = 5.8s Dmag = 1.2 Sun: 152° Moon: 102°	2027 feb 11 7h45.3m A27_02115 4828 Misenus TYC 2344–01811–1 Diam = 41.7 m = 11.4 m = 17.6  Dur = 3.3s Dmag = 6.3 Sun: 93° Moon: 41°	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 12 4h49.8m A27_02083 683 Lanzia UCAC5 558–005670 Diam = 116.0 m = 12.4 m = 14.0  Dur = 6.4s Dmag = 1.8 Sun: 85° Moon: 22°	2027 feb 12 6h21.4m A27_02089 746 Marlu UCAC4 672–042535 Diam = 75.5 m = 12.4 m = 16.0  Dur = 7.8s Dmag = 3.7 Sun: 124° Moon: 63°	2027 feb 12 23h21.4m A27_02047 221 Eos TYC 0050–00738–1 Diam = 110.0 m = 11.6 m = 13.4  Dur = 4.5s Dmag = 2.0 Sun: 76° Moon: 16°	2027 feb 13 2h40.6m A27_02118 2016CD289 UCAC4 571–047242 Diam = 149.3 m = 12.3 m = 25.5  Dur = 5.4s Dmag = 13.2 Sun: 169° Moon: 103°
2027 feb 13 6h43.4m A27_02003 25 Phocaea UCAC4 378–055734 Diam = 78.0 m = 12.4 m = 12.4  Dur = 5.1s Dmag = 0.8 Sun: 149° Moon: 103°	2027 feb 13 6h49.8m A27_02086 712 Boliviana TYC 0179–00106–1 Diam = 132.0 m = 11.9 m = 12.0  Dur = 16.8s Dmag = 0.8 Sun: 147° Moon: 80°	2027 feb 13 11h40.6m A27_02051 246 Asporina TYC 4994–00873–1 Diam = 63.8 m = 11.6 m = 13.3  Dur = 4.5s Dmag = 1.9 Sun: 103° Moon: 163°	2027 feb 14 4h44.3m A27_02030 105 Artemis TYC 4739–00069–1 Diam = 123.0 m = 10.4 m = 13.7  Dur = 10.5s Dmag = 3.4 Sun: 101° Moon: 33°

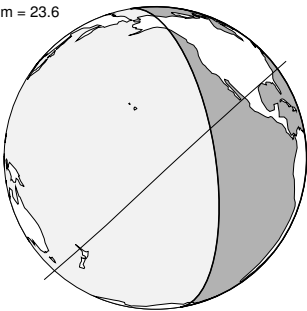
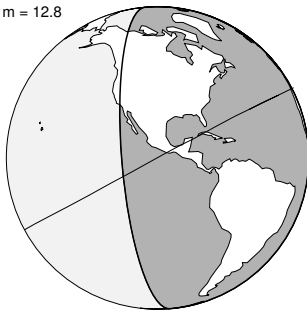
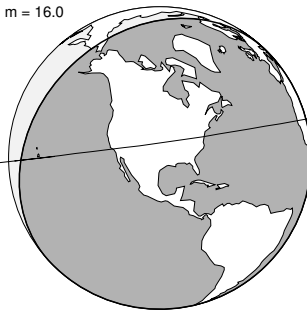
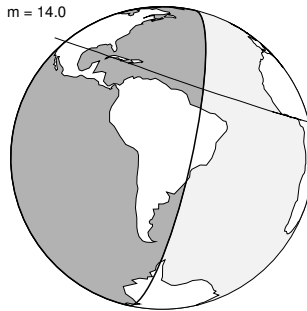
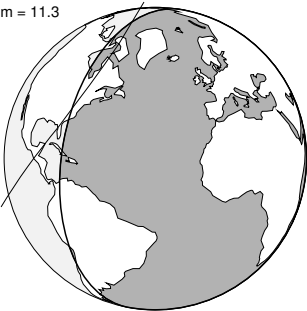
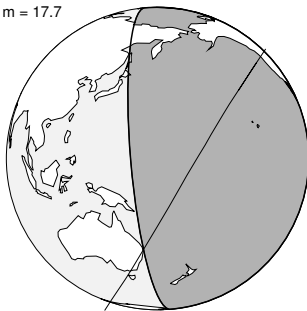
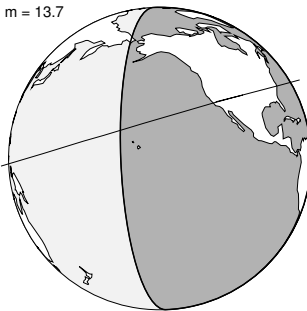
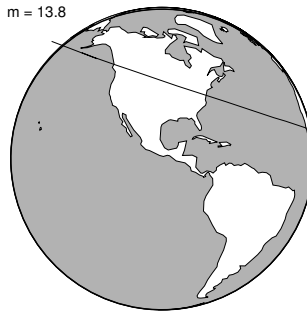
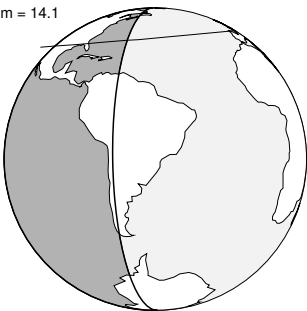
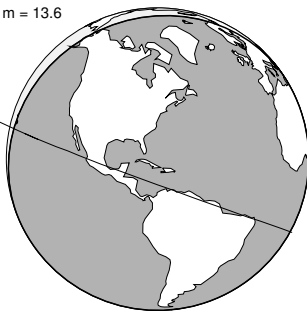
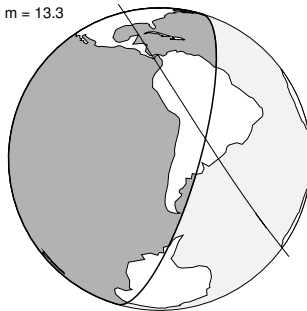
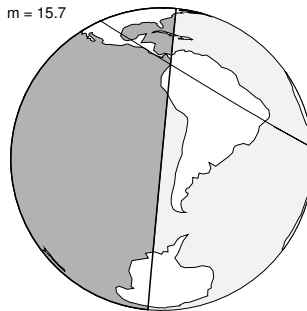
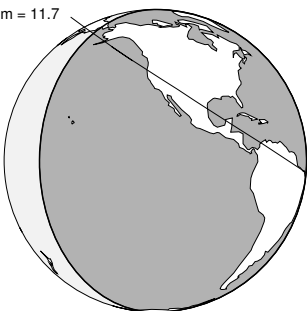
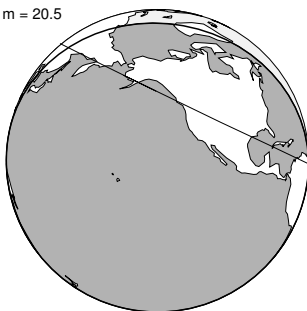
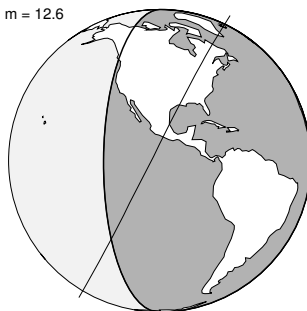
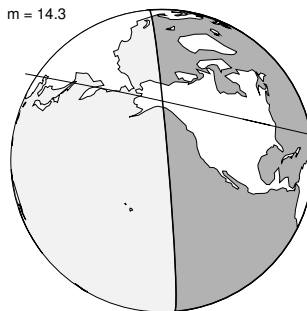
Occultations by major and minor planets – 2027

Region 1

2027 feb 14 5h39.5m A27_02010 53 Kalypso UCAC4 544–014890 Diam = 119.0 m = 11.5 m = 12.4  Dur = 16.3s Dmag = 1.3 Sun: 117° Moon: 30°	2027 feb 15 7h45.7m A27_02071 449 Hamburga PPMX 4984407 Diam = 88.6 m = 12.4 m = 13.1  Dur = 19.3s Dmag = 1.2 Sun: 118° Moon: 16°	2027 feb 16 7h 4.3m A27_02070 445 Edna UCAC4 383–058725 Diam = 89.0 m = 12.5 m = 14.9  Dur = 5.4s Dmag = 2.5 Sun: 152° Moon: 84°	2027 feb 17 4h 9.5m A27_02057 335 Roberta UCAC4 479–049764 Diam = 93.6 m = 11.7 m = 12.9  Dur = 8.8s Dmag = 1.5 Sun: 158° Moon: 74°
2027 feb 17 7h30.2m A27_02064 414 Liriope PPMX 5054192 Diam = 75.2 m = 12.2 m = 14.9  Dur = 13.9s Dmag = 2.8 Sun: 133° Moon: 5°	2027 feb 18 11h31.9m B27_02008 2009JE19 UCAC4 468–052980 Diam = 191.4 m = 14.9 m = 21.5  Dur = 16.4s Dmag = 6.5 Sun: 97° Moon: 113°	2027 feb 20 4h 9.4m A27_02048 230 Athamantis UCAC4 528–009234 Diam = 125.0 m = 12.2 m = 11.6  Dur = 9.8s Dmag = 0.5 Sun: 99° Moon: 70°	2027 feb 21 12h57.0m A27_02049 241 Germania TYC 6832–00112–1 Diam = 169.0 m = 9.2 m = 13.5  Dur = 5.6s Dmag = 4.3 Sun: 64° Moon: 108°
2027 feb 21 22h44.6m A27_02076 566 Stereoscopia PPMX 4984489 Diam = 175.0 m = 12.3 m = 13.7  Dur = 37.1s Dmag = 1.7 Sun: 112° Moon: 81°	2027 feb 22 6h41.4m A27_02080 605 Juvisia TYC 2947–00115–1 Diam = 72.0 m = 10.6 m = 15.1  Dur = 6.8s Dmag = 4.6 Sun: 128° Moon: 69°	2027 feb 22 11h14.5m P27_02005 Jupiter HIP 46745 Diam = 133542.0 m = 7.3 m = -2.5  Dur = 8551.4s Dmag = 0.0 Sun: 166° Moon: 33°	2027 feb 22 23h53.1m A27_02098 874 Rotraut UCAC5 499–005701 Diam = 58.3 m = 12.5 m = 16.0  Dur = 3.3s Dmag = 3.6 Sun: 84° Moon: 121°
2027 feb 23 0h42.7m B27_02001 463368 2012VU85 UCAC4 508–041371 Diam = 143.2 m = 14.7 m = 20.8  Dur = 9.0s Dmag = 6.1 Sun: 137° Moon: 69°	2027 feb 25 2h17.4m A27_02072 449 Hamburga TYC 1866–02171–1 Diam = 88.6 m = 10.7 m = 13.3  Dur = 10.6s Dmag = 2.6 Sun: 110° Moon: 123°	2027 feb 26 3h45.8m A27_02084 693 Zerbina UCAC4 641–020486 Diam = 69.1 m = 12.4 m = 14.9  Dur = 5.3s Dmag = 2.6 Sun: 98° Moon: 146°	2027 feb 26 7h36.2m A27_02114 4348 Poulydamas UCAC4 533–009038 Diam = 60.3 m = 12.2 m = 16.8  Dur = 4.8s Dmag = 4.6 Sun: 91° Moon: 155°

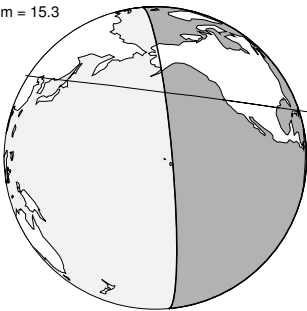
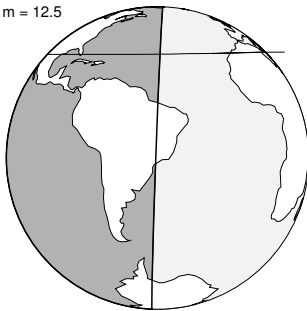
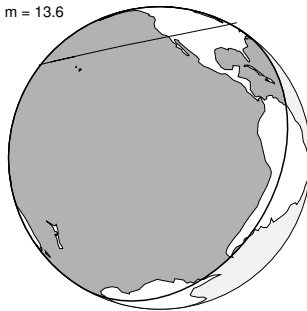
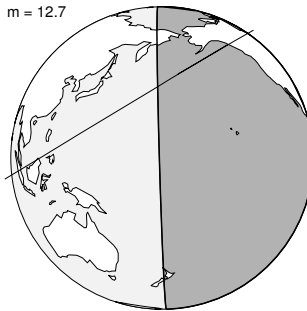
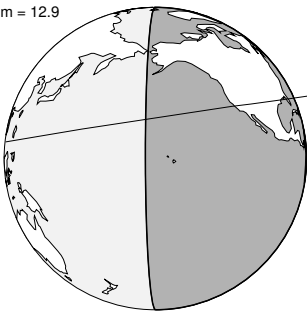
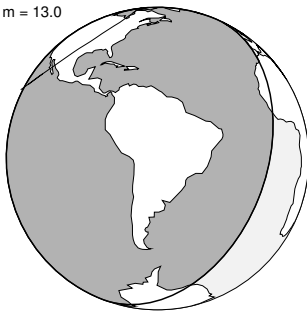
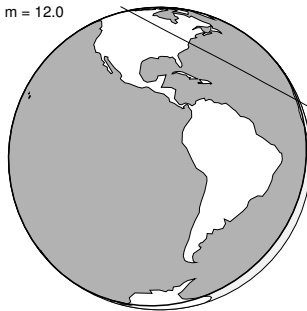
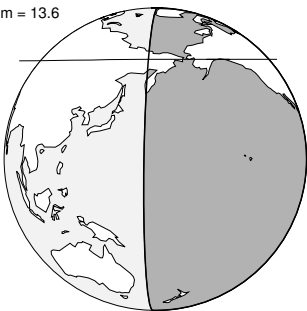
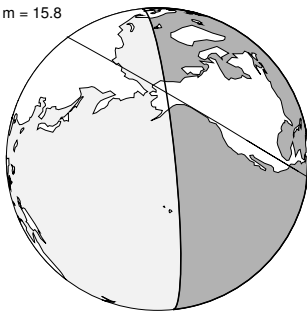
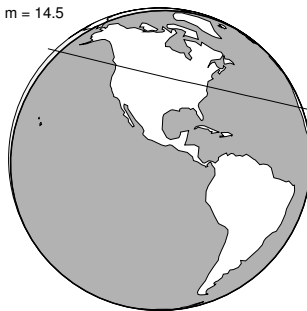
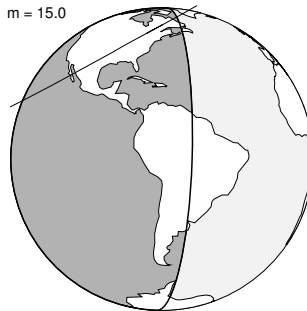
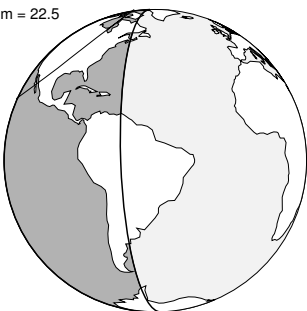
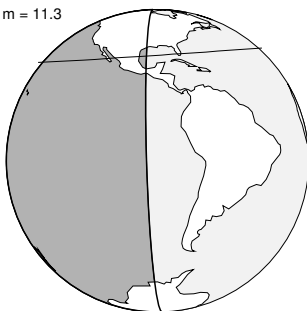
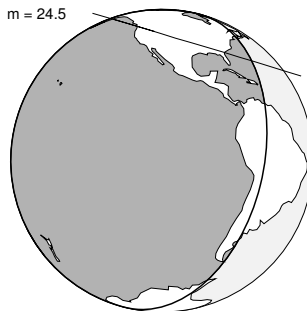
Occultations by major and minor planets – 2027

Region 1

2027 feb 27 2h28.0m A27_02119 2016SY55 UCAC4 452-004051 Diam = 103.3 m = 12.4 m = 23.6  Dur = 5.4s Dmag = 11.1 Sun: 66° Moon: 156°	2027 mar 1 1h46.4m A27_03023 59 Elpis HIP 26151 Diam = 173.0 m = 8.7 m = 12.8  Dur = 15.2s Dmag = 4.1 Sun: 103° Moon: 165°	2027 mar 1 5h13.1m A27_03137 1035 Amata UCAC4 614-044899 Diam = 56.8 m = 12.4 m = 16.0  Dur = 3.9s Dmag = 3.7 Sun: 147° Moon: 129°	2027 mar 1 9h14.6m A27_03042 91 Aegina TYC 6198-00910-1 Diam = 114.0 m = 10.6 m = 14.0  Dur = 11.1s Dmag = 3.4 Sun: 101° Moon: 24°
2027 mar 2 23h 8.6m A27_03041 89 Julia UCAC4 571-040299 Diam = 159.0 m = 12.4 m = 11.3  Dur = 26.7s Dmag = 0.3 Sun: 128° Moon: 172°	2027 mar 4 8h10.7m A27_03164 4832 Palinurus Gaia 100-0024778 Diam = 45.7 m = 10.5 m = 17.7  Dur = 4.0s Dmag = 7.2 Sun: 100° Moon: 143°	2027 mar 5 4h55.0m A27_03077 377 Campania UCAC4 528-019820 Diam = 94.0 m = 12.5 m = 13.7  Dur = 9.4s Dmag = 1.5 Sun: 104° Moon: 140°	2027 mar 5 6h37.5m A27_03139 1071 Brita TYC 1429-00181-1 Diam = 52.7 m = 10.3 m = 13.8  Dur = 4.5s Dmag = 3.5 Sun: 171° Moon: 148°
2027 mar 5 10h35.2m A27_03109 675 Ludmilla UCAC4 326-123004 Diam = 109.1 m = 12.0 m = 14.1  Dur = 4.7s Dmag = 2.2 Sun: 73° Moon: 40°	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 Ianche UCAC4 279-083290 Diam = 109.0 m = 12.2 m = 13.3  Dur = 8.6s Dmag = 1.5 Sun: 104° Moon: 117°	2027 mar 9 11h21.1m A27_03060 193 Ambrosia UCAC4 276-104049 Diam = 48.3 m = 11.4 m = 15.7  Dur = 3.3s Dmag = 4.4 Sun: 89° Moon: 103°
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 12 9h40.1m B27_03003 308193 2005CB79 UCAC4 591-049763 Diam = 487.5 m = 14.9 m = 20.5  Dur = 19.6s Dmag = 5.6 Sun: 155° Moon: 119°	2027 mar 14 2h22.9m A27_03056 185 Eunike TYC 0748-02369-1 Diam = 165.0 m = 12.0 m = 12.6  Dur = 13.2s Dmag = 1.1 Sun: 111° Moon: 47°	2027 mar 15 3h21.4m A27_03095 546 Herodias TYC 2896-00117-1 Diam = 69.7 m = 9.9 m = 14.3  Dur = 3.6s Dmag = 4.4 Sun: 87° Moon: 12°

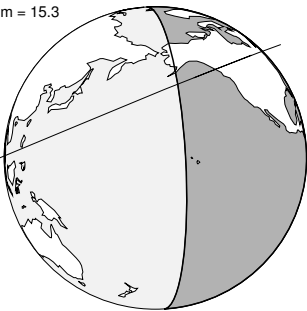
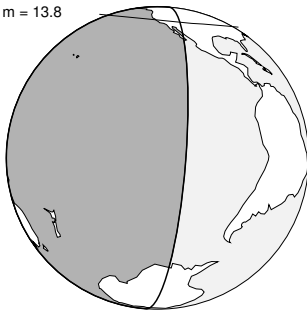
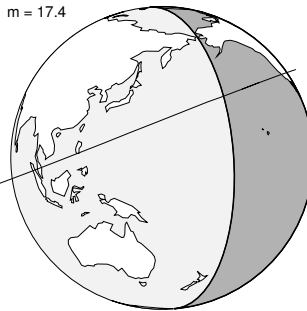
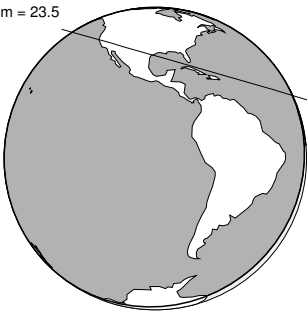
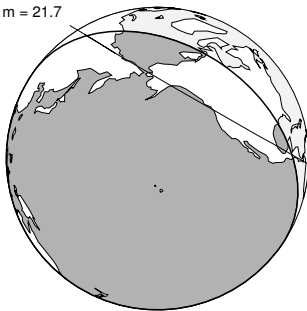
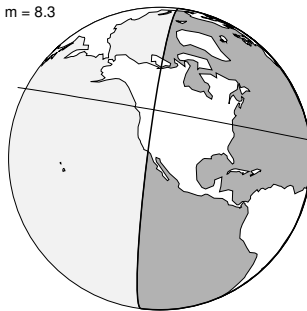
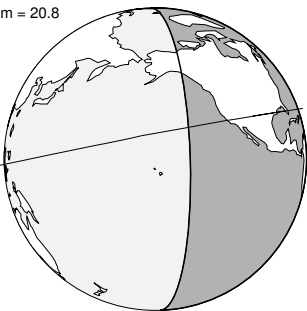
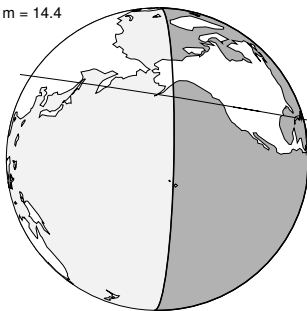
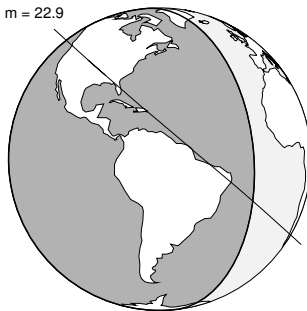
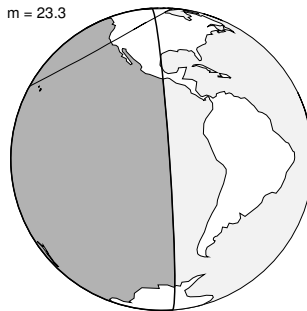
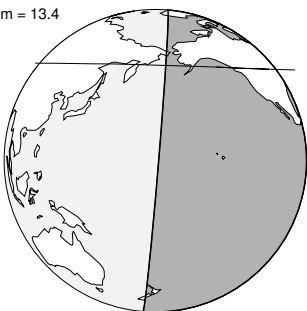
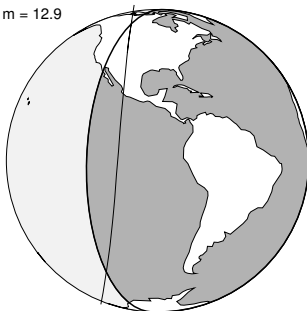
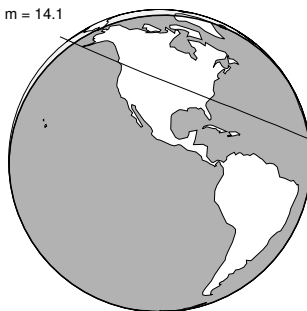
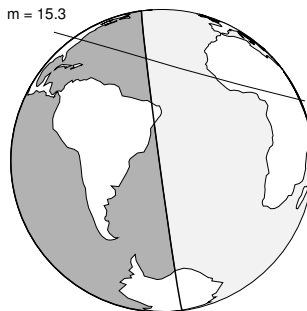
Occultations by major and minor planets – 2027

Region 1

2027 mar 15 4h24.9m A27_03151 1306 Scythia TYC 1294–00874–1 Diam = 69.5 m = 11.3 m = 15.3  Dur = 3.4s Dmag = 4.0 Sun: 83° Moon: 6°	2027 mar 15 9h14.6m A27_03011 19 Fortuna UCAC4 338–104735 Diam = 149.0 m = 11.3 m = 12.5  Dur = 8.8s Dmag = 1.5 Sun: 89° Moon: 173°	2027 mar 15 10h24.2m A27_03076 366 Vincentina TYC 6131–00297–1 Diam = 98.1 m = 11.9 m = 13.6  Dur = 11.3s Dmag = 1.9 Sun: 141° Moon: 131°	2027 mar 16 6h41.0m A27_03054 181 Eucharis TYC 0722–00243–1 Diam = 107.0 m = 10.1 m = 12.7  Dur = 5.2s Dmag = 2.7 Sun: 91° Moon: 17°
2027 mar 17 5h14.7m A27_03018 53 Kalypso TYC 1324–02684–1 Diam = 119.0 m = 9.4 m = 12.9  Dur = 6.6s Dmag = 3.6 Sun: 93° Moon: 17°	2027 mar 17 6h51.9m A27_03058 186 Celuta UCAC4 361–067711 Diam = 52.3 m = 11.4 m = 13.0  Dur = 8.4s Dmag = 1.8 Sun: 135° Moon: 113°	2027 mar 17 7h 3.0m A27_03036 80 Sappho TYC 5531–01341–1 Diam = 81.7 m = 11.8 m = 12.0  Dur = 6.6s Dmag = 0.8 Sun: 160° Moon: 87°	2027 mar 18 5h45.8m A27_03142 1109 Tata UCAC4 392–055523 Diam = 69.5 m = 12.4 m = 14.8  Dur = 6.2s Dmag = 2.5 Sun: 159° Moon: 76°
2027 mar 18 7h35.8m A27_03091 449 Hamburga PPMX 5016144 Diam = 88.6 m = 12.4 m = 13.6  Dur = 5.4s Dmag = 1.5 Sun: 94° Moon: 31°	2027 mar 20 4h14.7m A27_03147 1241 Dysona PPMX 3030632 Diam = 86.2 m = 12.5 m = 15.8  Dur = 4.1s Dmag = 3.3 Sun: 83° Moon: 68°	2027 mar 21 6h 5.1m A27_03134 952 Caia PPMX 7240399 Diam = 84.5 m = 12.0 m = 14.5  Dur = 5.4s Dmag = 2.6 Sun: 165° Moon: 9°	2027 mar 21 10h 1.6m A27_03067 256 Walpurga UCAC4 399–066726 Diam = 66.1 m = 12.5 m = 15.0  Dur = 4.8s Dmag = 2.6 Sun: 101° Moon: 92°
2027 mar 21 10h20.7m B27_03006 469362 2001KB77 UCAC4 412–097476 Diam = 119.7 m = 12.8 m = 22.5  Dur = 7.4s Dmag = 9.7 Sun: 76° Moon: 117°	2027 mar 21 12h25.3m A27_03003 11 Parthenope TYC 6273–00948–1 Diam = 162.0 m = 12.3 m = 11.3  Dur = 7.6s Dmag = 0.4 Sun: 85° Moon: 107°	2027 mar 22 3h51.4m A27_03160 3134 Kostinsky HIP 64393 Diam = 55.8 m = 8.6 m = 17.2  Dur = 3.7s Dmag = 8.6 Sun: 156° Moon: 26°	2027 mar 23 10h32.0m B27_03010 2013GM158 UCAC4 369–069506 Diam = 107.2 m = 15.0 m = 24.5  Dur = 7.1s Dmag = 9.5 Sun: 132° Moon: 36°

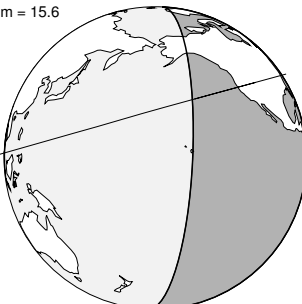
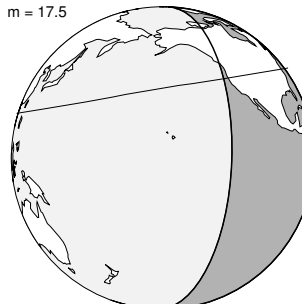
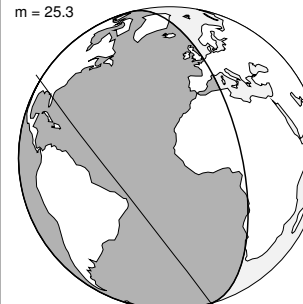
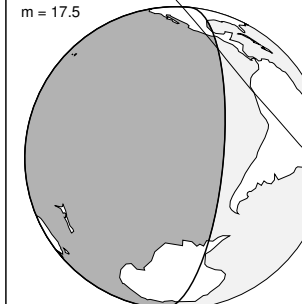
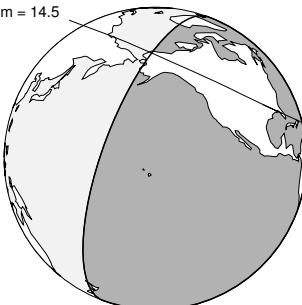
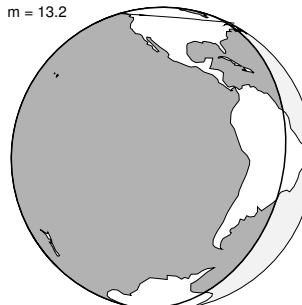
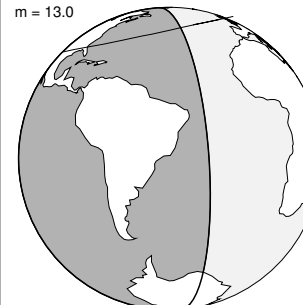
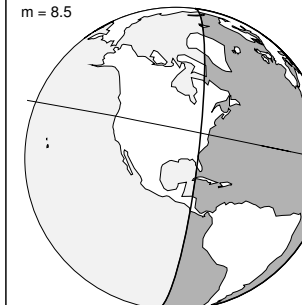
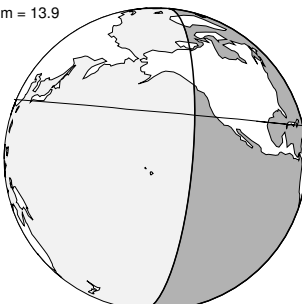
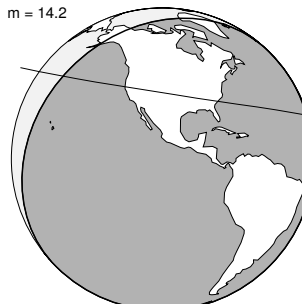
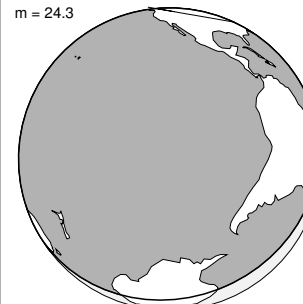
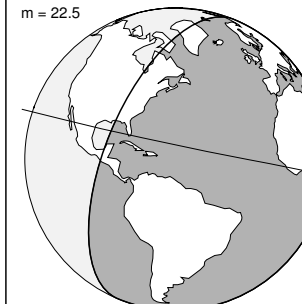
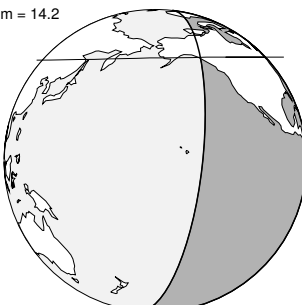
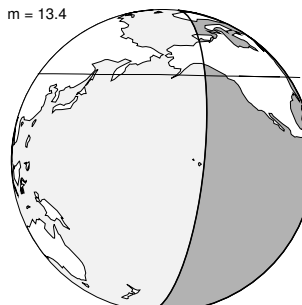
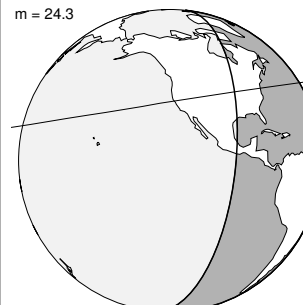
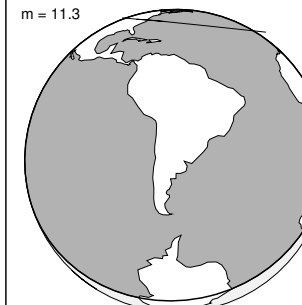
Occultations by major and minor planets – 2027

Region 1

2027 mar 24 4h50.8m A27_03098 581 Tauntonia UCAC4 561–015912 Diam = 67.1 m = 10.4 m = 15.3  Dur = 3.1s Dmag = 4.9 Sun: 78° Moon: 124°	2027 mar 24 13h25.6m A27_03104 639 Latona UCAC4 306–129537 Diam = 74.5 m = 12.3 m = 13.8  Dur = 6.7s Dmag = 1.7 Sun: 100° Moon: 52°	2027 mar 27 4h53.2m A27_03155 1796 Riga UCAC4 437–055433 Diam = 76.5 m = 12.3 m = 14.4  Dur = 5.0s Dmag = 2.2 Sun: 172° Moon: 52°	2027 mar 28 5h46.3m A27_03159 2893 Peiroos UCAC4 524–008516 Diam = 92.8 m = 11.7 m = 17.4  Dur = 3.5s Dmag = 5.7 Sun: 61° Moon: 165°
2027 mar 29 7h 2.8m B27_03017 2015FU561 UCAC4 378–066128 Diam = 132.4 m = 14.6 m = 23.5  Dur = 5.5s Dmag = 8.9 Sun: 165° Moon: 69°	2027 mar 29 12h 0.5m A27_03167 523635 2010DN93 TYC 2544–00485–1 Diam = 485.3 m = 12.2 m = 21.7  Dur = 19.1s Dmag = 9.6 Sun: 139° Moon: 84°	2027 mar 30 2h 8.6m A27_03001 1 Ceres UCAC4 607–037001 Diam = 952.5 m = 12.0 m = 8.3  Dur = 67.0s Dmag = 0.0 Sun: 94° Moon: 173°	2027 mar 30 7h28.3m A27_03168 556004 2014HA200 UCAC5 398–059837 Diam = 487.5 m = 12.5 m = 21.3  Dur = 33.1s Dmag = 8.8 Sun: 129° Moon: 45°
2027 mar 31 3h43.6m B27_03002 145451 Rumina UCAC4 576–018504 Diam = 503.5 m = 13.6 m = 20.8  Dur = 43.5s Dmag = 7.2 Sun: 76° Moon: 155°	2027 mar 31 4h36.5m A27_03093 454 Mathesis UCAC4 600–031089 Diam = 84.5 m = 12.3 m = 14.4  Dur = 4.4s Dmag = 2.2 Sun: 83° Moon: 161°	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°	2027 apr 1 12h25.1m B27_04020 2012HW87 UCAC4 369–136038 Diam = 125.9 m = 14.5 m = 23.3  Dur = 23.2s Dmag = 8.8 Sun: 92° Moon: 31°
2027 apr 2 6h21.7m A27_04027 76 Freia TYC 1342–00747–1 Diam = 190.0 m = 10.1 m = 13.4  Dur = 10.4s Dmag = 3.3 Sun: 88° Moon: 144°	2027 apr 3 1h57.4m A27_04006 25 Phocaea UCAC4 416–046776 Diam = 78.0 m = 12.0 m = 12.9  Dur = 7.0s Dmag = 1.3 Sun: 117° Moon: 153°	2027 apr 4 6h32.0m A27_04138 3754 Kathleen TYC 0877–00170–1 Diam = 41.7 m = 12.0 m = 14.1  Dur = 3.8s Dmag = 2.2 Sun: 163° Moon: 154°	2027 apr 6 8h38.3m A27_04088 593 Titania TYC 6883–00589–1 Diam = 78.2 m = 9.4 m = 15.3  Dur = 5.1s Dmag = 5.9 Sun: 88° Moon: 81°

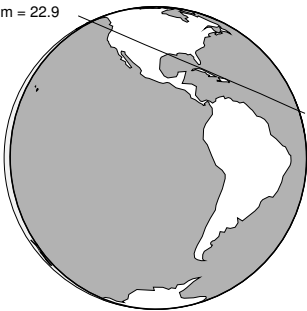
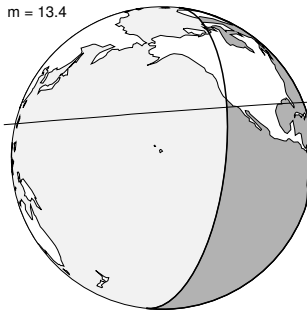
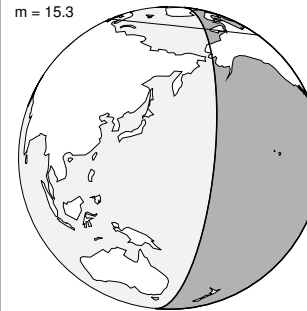
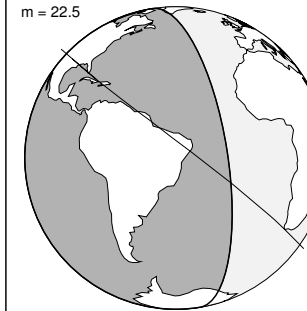
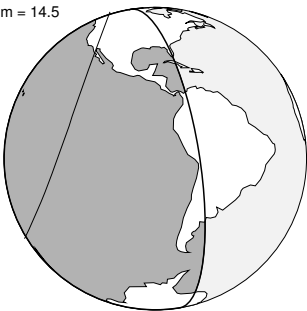
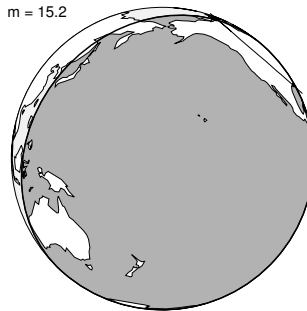
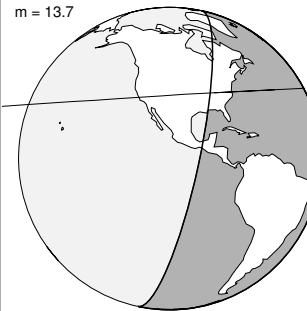
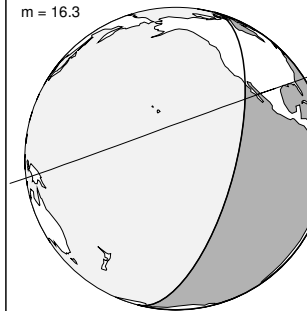
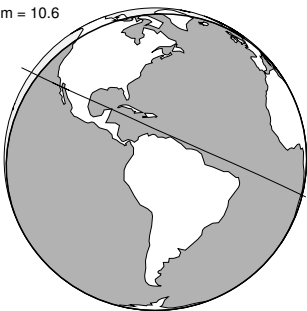
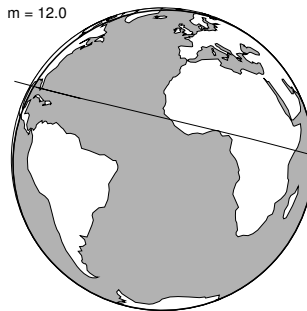
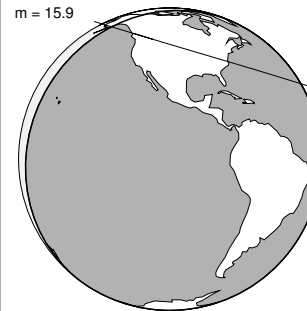
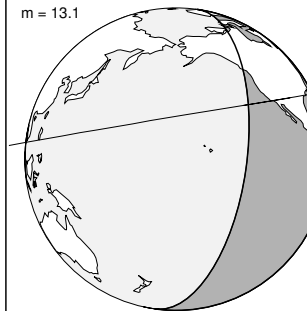
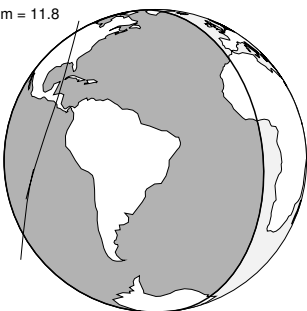
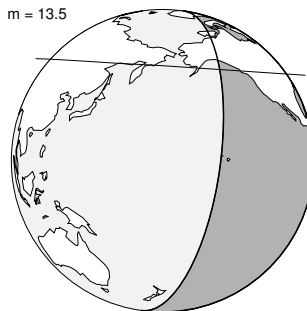
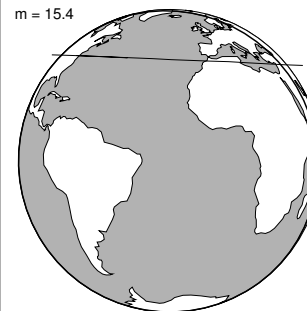
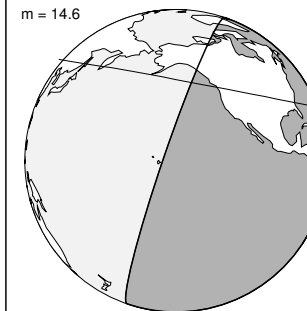
Occultations by major and minor planets – 2027

Region 1

2027 apr 7 4h32.3m A27_04102 791 Ani Gaia 108–0040242 Diam = 107.0 m = 9.2 m = 15.6  Dur = 4.8s Dmag = 6.5 Sun: 75° Moon: 74°	2027 apr 8 2h55.7m A27_04129 2223 Sarpedon TYC 0707–00928–1 Diam = 105.0 m = 12.0 m = 17.5  Dur = 4.1s Dmag = 5.5 Sun: 62° Moon: 51°	2027 apr 9 5h15.2m B27_04025 2016LY88 UCAC4 505–065670 Diam = 91.2 m = 14.5 m = 25.3  Dur = 5.2s Dmag = 10.8 Sun: 117° Moon: 133°	2027 apr 9 12h14.3m A27_04135 2765 Dinant TYC 7903–00817–1 Diam = 46.6 m = 12.4 m = 17.5  Dur = 5.1s Dmag = 5.1 Sun: 108° Moon: 140°
2027 apr 11 6h 3.8m A27_04110 931 Whitemora UCAC5 580–041197 Diam = 52.6 m = 12.4 m = 14.5  Dur = 7.8s Dmag = 2.2 Sun: 110° Moon: 56°	2027 apr 13 9h35.7m A27_04033 91 Aegina TYC 6198–00377–1 Diam = 114.0 m = 12.0 m = 13.2  Dur = 15.8s Dmag = 1.6 Sun: 143° Moon: 134°	2027 apr 15 8h 0.2m A27_04053 241 Germania TYC 6859–00749–1 Diam = 169.0 m = 11.3 m = 13.0  Dur = 17.5s Dmag = 1.9 Sun: 105° Moon: 147°	2027 apr 16 23h50.3m A27_04002 1 Ceres UCAC4 603–041486 Diam = 952.5 m = 12.3 m = 8.5  Dur = 45.0s Dmag = 0.0 Sun: 81° Moon: 49°
2027 apr 17 3h31.4m A27_04080 449 Hamburga UCAC4 575–034668 Diam = 88.6 m = 12.5 m = 13.9  Dur = 3.4s Dmag = 1.7 Sun: 75° Moon: 56°	2027 apr 17 5h32.2m A27_04072 424 Gratia TYC 0869–00413–1 Diam = 90.5 m = 12.0 m = 14.2  Dur = 9.8s Dmag = 2.3 Sun: 148° Moon: 23°	2027 apr 17 8h20.7m B27_04011 2000GW146 UCAC4 291–075306 Diam = 100.0 m = 13.0 m = 24.3  Dur = 4.1s Dmag = 11.3 Sun: 156° Moon: 62°	2027 apr 18 0h18.5m B27_04007 535991 2015BD519 UCAC4 538–050519 Diam = 263.0 m = 12.6 m = 22.5  Dur = 27.1s Dmag = 9.9 Sun: 117° Moon: 26°
2027 apr 19 4h 9.6m A27_04068 377 Campania TYC 1330–01612–1 Diam = 94.0 m = 8.7 m = 14.2  Dur = 3.5s Dmag = 5.6 Sun: 71° Moon: 86°	2027 apr 19 4h29.6m A27_04016 53 Kalypso TYC 1343–00703–1 Diam = 119.0 m = 11.1 m = 13.4  Dur = 4.2s Dmag = 2.4 Sun: 73° Moon: 84°	2027 apr 21 0h44.0m B27_04001 91205 1998US43 UCAC4 526–024444 Diam = 93.3 m = 13.6 m = 24.3  Dur = 5.3s Dmag = 10.8 Sun: 64° Moon: 116°	2027 apr 21 4h29.4m A27_04018 54 Alexandra TYC 7289–00606–1 Diam = 171.0 m = 11.7 m = 11.3  Dur = 17.3s Dmag = 0.6 Sun: 157° Moon: 17°

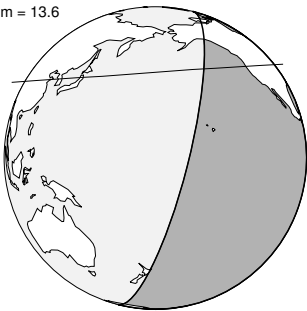
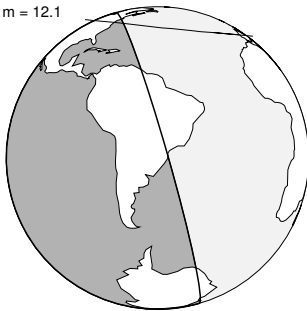
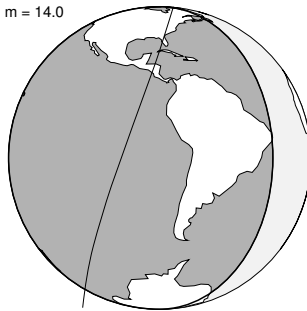
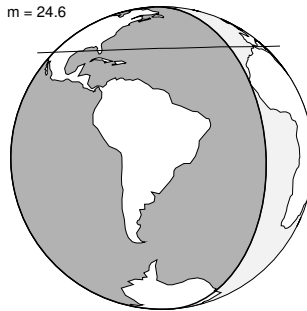
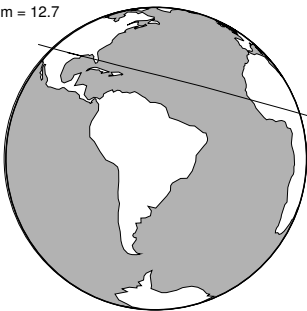
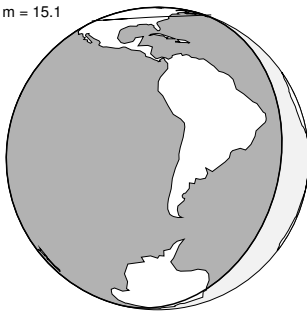
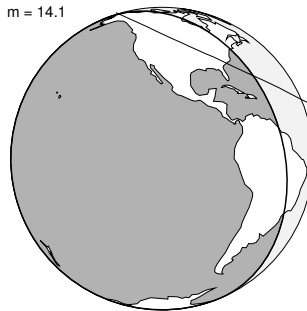
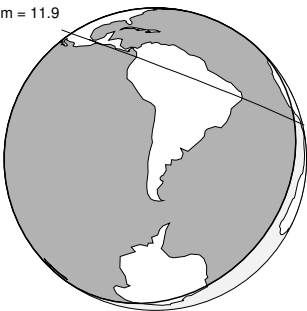
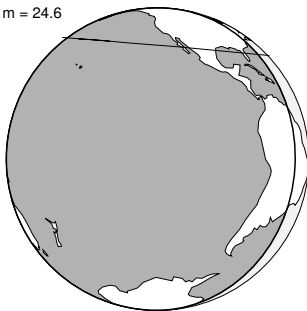
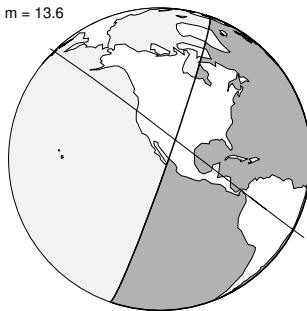
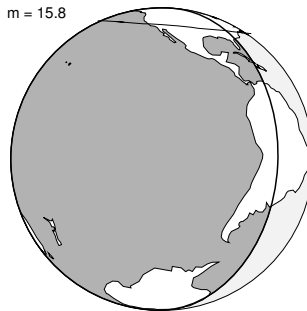
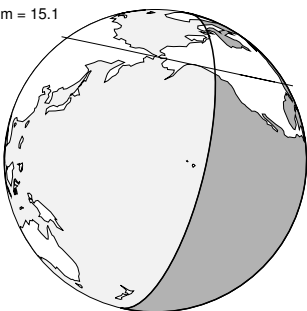
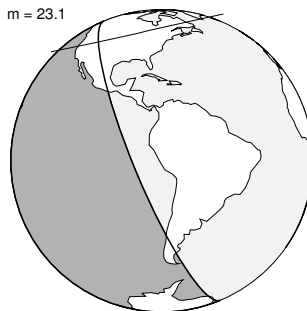
Occultations by major and minor planets – 2027

Region 1

2027 apr 22 5h30.6m B27_04009 612953 2005ER318 UCAC4 382-062164 Diam = 103.8 m = 13.3 m = 22.9  Dur = 4.5s Dmag = 9.6 Sun: 163° Moon: 30°	2027 apr 23 2h48.2m A27_04020 59 Elpis UCAC5 535-027572 Diam = 173.0 m = 12.5 m = 13.4  Dur = 5.8s Dmag = 1.3 Sun: 65° Moon: 140°	2027 apr 23 6h49.7m A27_04107 866 Fatme TYC 1904-00315-1 Diam = 91.7 m = 11.8 m = 15.3  Dur = 3.8s Dmag = 3.6 Sun: 72° Moon: 136°	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 26 10h54.1m A27_04109 895 Helio UCAC4 364-166670 Diam = 147.0 m = 12.2 m = 14.5  Dur = 15.3s Dmag = 2.4 Sun: 106° Moon: 12°	2027 apr 27 10h 2.4m A27_04118 1051 Merope TYC 0297-00844-1 Diam = 68.6 m = 10.5 m = 15.2  Dur = 5.2s Dmag = 4.6 Sun: 151° Moon: 102°	2027 apr 28 0h29.4m A27_04078 444 Gypsis UCAC4 512-041396 Diam = 170.0 m = 11.6 m = 13.7  Dur = 8.0s Dmag = 2.2 Sun: 78° Moon: 169°	2027 apr 28 2h16.9m A27_04137 3451 Mentor UCAC4 458-023245 Diam = 100.0 m = 12.5 m = 16.3  Dur = 3.8s Dmag = 3.9 Sun: 66° Moon: 152°
2027 apr 28 3h53.3m A27_04010 39 Laetitia TYC 0307-00879-1 Diam = 159.0 m = 11.2 m = 10.6  Dur = 12.4s Dmag = 0.5 Sun: 160° Moon: 98°	2027 apr 29 0h32.4m A27_04056 261 Prymno UCAC5 427-054892 Diam = 52.6 m = 12.5 m = 12.0  Dur = 6.3s Dmag = 0.5 Sun: 167° Moon: 103°	2027 apr 29 5h43.7m A27_04112 959 Arne UCAC4 431-057481 Diam = 59.1 m = 12.2 m = 15.9  Dur = 4.0s Dmag = 3.7 Sun: 159° Moon: 115°	2027 apr 30 3h35.4m A27_04048 181 Eucharis TYC 1330-00630-1 Diam = 107.0 m = 11.6 m = 13.1  Dur = 3.2s Dmag = 1.7 Sun: 62° Moon: 137°
2027 apr 30 5h59.5m A27_04075 432 Pythia TYC 5671-00185-1 Diam = 48.6 m = 11.7 m = 11.8  Dur = 23.6s Dmag = 0.8 Sun: 135° Moon: 62°	2027 may 1 4h54.5m A27_05018 53 Kalypso UCAC4 558-039819 Diam = 119.0 m = 12.4 m = 13.5  Dur = 3.8s Dmag = 1.4 Sun: 67° Moon: 132°	2027 may 2 2h22.2m A27_05146 2797 Teucer UCAC4 412-059802 Diam = 123.0 m = 12.2 m = 15.4  Dur = 7.0s Dmag = 3.3 Sun: 165° Moon: 116°	2027 may 4 4h36.6m A27_05072 357 Ninina UCAC4 553-046312 Diam = 110.0 m = 12.2 m = 14.6  Dur = 8.9s Dmag = 2.5 Sun: 94° Moon: 123°

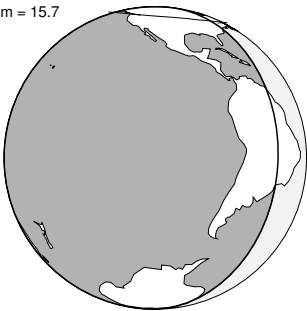
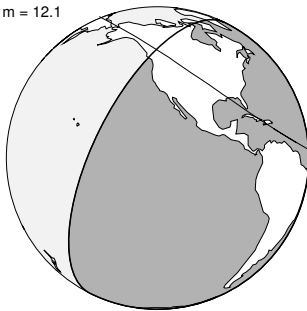
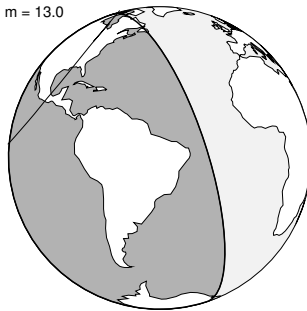
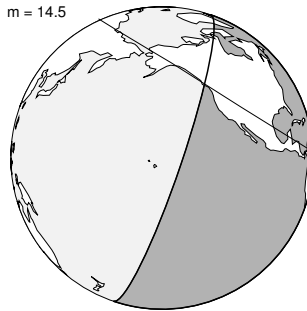
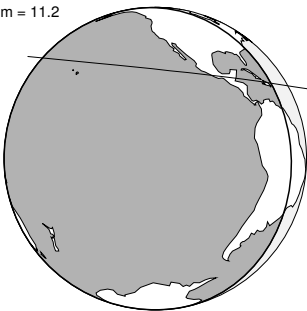
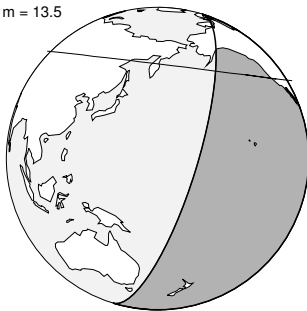
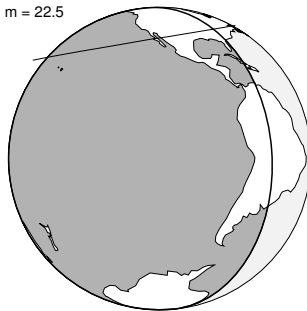
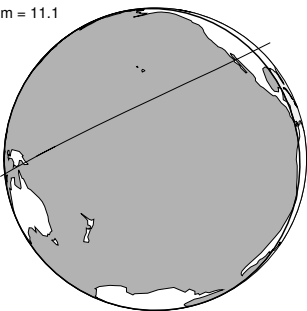
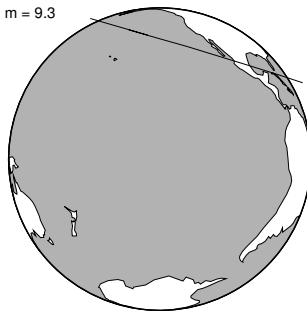
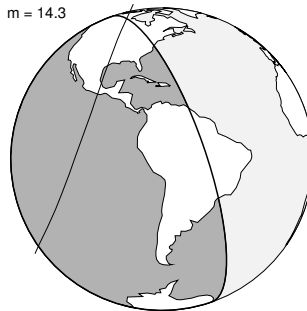
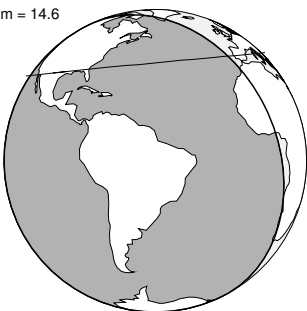
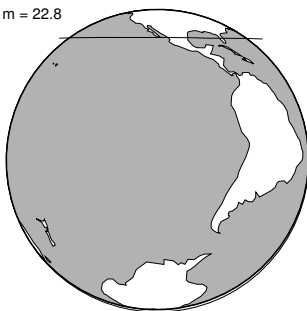
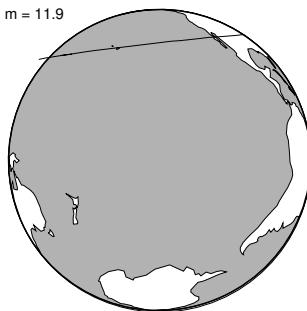
Occultations by major and minor planets – 2027

Region 1

2027 may 4 5h13.6m A27_05029 85 Io TYC 0784–01451–1 Diam = 178.0 m = 9.2 m = 13.6  Dur = 8.3s Dmag = 4.4 Sun: 77° Moon: 106°	2027 may 4 9h44.8m A27_05076 416 Vaticana UCAC4 310–261796 Diam = 89.5 m = 12.2 m = 12.1  Dur = 4.8s Dmag = 0.7 Sun: 93° Moon: 69°	2027 may 6 8h26.2m A27_05142 1320 Impala UCAC4 338–111403 Diam = 45.6 m = 12.5 m = 14.0  Dur = 6.2s Dmag = 1.7 Sun: 138° Moon: 137°	2027 may 7 6h48.0m B27_05017 2013JF64 UCAC4 344–128973 Diam = 57.5 m = 14.4 m = 24.6  Dur = 4.1s Dmag = 10.2 Sun: 133° Moon: 144°
2027 may 8 3h 0.3m A27_05045 126 Velleda UCAC4 372–066748 Diam = 46.5 m = 11.9 m = 12.7  Dur = 4.0s Dmag = 1.2 Sun: 171° Moon: 149°	2027 may 11 7h48.1m A27_05135 1112 Polonia TYC 7380–01060–1 Diam = 40.3 m = 9.9 m = 15.1  Dur = 4.9s Dmag = 5.3 Sun: 143° Moon: 149°	2027 may 12 8h33.2m A27_05079 432 Pythia UCAC4 375–087471 Diam = 48.6 m = 12.0 m = 11.5  Dur = 10.3s Dmag = 0.5 Sun: 147° Moon: 132°	2027 may 13 9h40.3m A27_05088 542 Susanna UCAC4 417–070494 Diam = 43.5 m = 11.4 m = 14.1  Dur = 5.2s Dmag = 2.8 Sun: 142° Moon: 120°
2027 may 14 6h 9.2m A27_05101 654 Zelinda TYC 7868–01789–1 Diam = 132.0 m = 11.1 m = 11.9  Dur = 12.5s Dmag = 1.2 Sun: 151° Moon: 99°	2027 may 14 9h51.2m B27_05024 2015KQ161 UCAC4 340–088753 Diam = 102.8 m = 13.6 m = 24.6  Dur = 4.6s Dmag = 11.0 Sun: 155° Moon: 99°	2027 may 15 1h46.8m A27_05031 87 Sylvia UCAC4 576–046243 Diam = 271.0 m = 12.4 m = 13.6  Dur = 17.0s Dmag = 1.5 Sun: 86° Moon: 31°	2027 may 15 10h27.7m A27_05137 1254 Erfordia UCAC4 313–191011 Diam = 49.2 m = 10.7 m = 15.8  Dur = 8.0s Dmag = 5.1 Sun: 139° Moon: 101°
2027 may 16 4h25.2m A27_05132 1015 Christa UCAC4 562–045925 Diam = 101.0 m = 12.3 m = 15.1  Dur = 4.0s Dmag = 2.9 Sun: 70° Moon: 58°	2027 may 16 6h32.3m A27_05022 65 Cybele UCAC4 359–112100 Diam = 230.0 m = 12.4 m = 11.3  Dur = 33.1s Dmag = 0.3 Sun: 148° Moon: 82°	2027 may 17 10h30.3m A27_05048 148 Gallia TYC 5177–01234–1 Diam = 104.0 m = 11.5 m = 12.8  Dur = 11.1s Dmag = 1.7 Sun: 102° Moon: 114°	2027 may 17 12h 4.8m B27_05009 600181 2011OC61 UCAC4 390–137820 Diam = 220.8 m = 14.9 m = 23.1  Dur = 21.2s Dmag = 8.1 Sun: 79° Moon: 135°

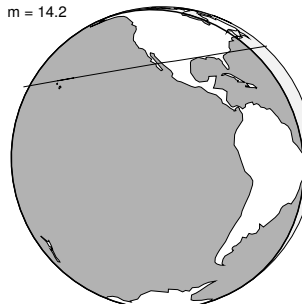
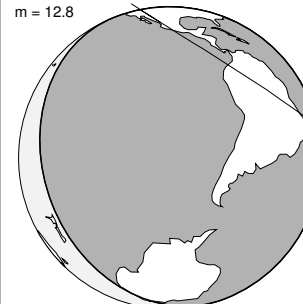
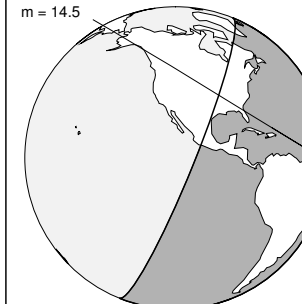
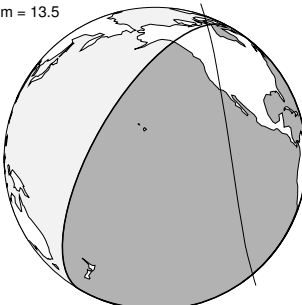
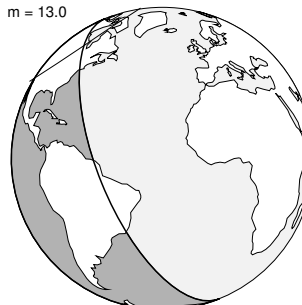
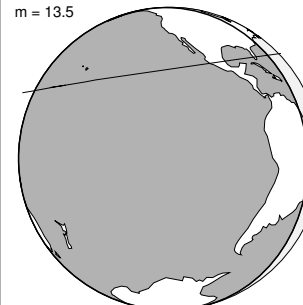
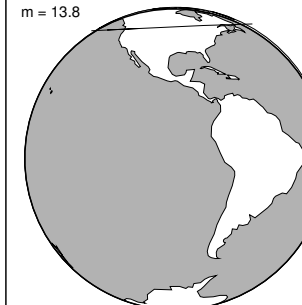
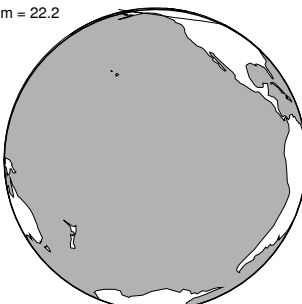
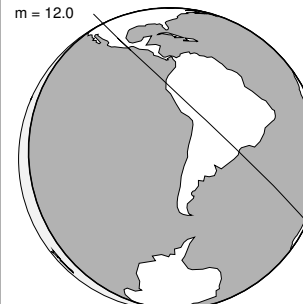
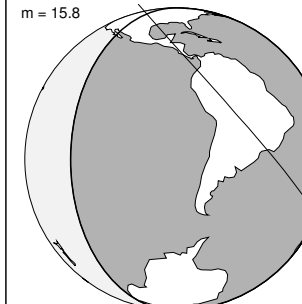
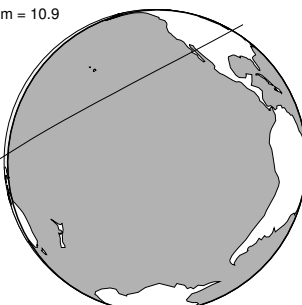
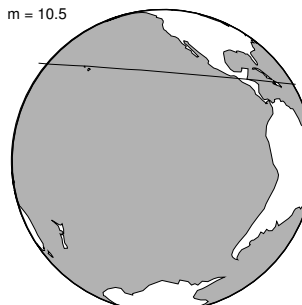
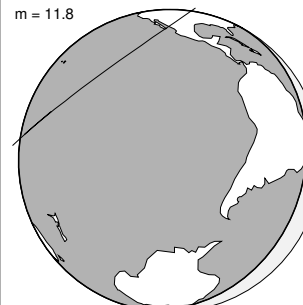
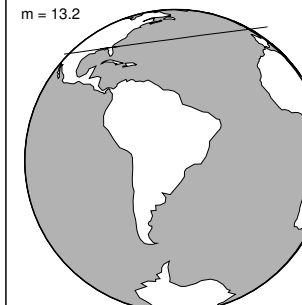
Occultations by major and minor planets – 2027

Region 1

2027 may 19 9h49.5m A27_05138 1254 Erfordia PPMX 12699770 Diam = 49.2 m = 11.7 m = 15.7  Dur = 6.6s Dmag = 4.0 Sun: 144° Moon: 48°	2027 may 20 4h 4.9m A27_05017 45 Eugenia TYC 0864–00865–1 Diam = 214.0 m = 11.5 m = 12.1  Dur = 46.1s Dmag = 1.1 Sun: 115° Moon: 62°	2027 may 20 7h57.6m A27_05049 156 Xanthippe UCAC4 405–128791 Diam = 126.0 m = 11.7 m = 13.0  Dur = 13.2s Dmag = 1.6 Sun: 108° Moon: 74°	2027 may 21 4h 7.5m A27_05058 235 Carolina TYC 1960–00574–1 Diam = 60.2 m = 11.1 m = 14.5  Dur = 3.0s Dmag = 3.4 Sun: 82° Moon: 106°
2027 may 21 9h56.4m A27_05024 65 Cybele UCAC5 359–105189 Diam = 230.0 m = 12.5 m = 11.2  Dur = 28.0s Dmag = 0.3 Sun: 153° Moon: 18°	2027 may 24 6h33.5m A27_05046 130 Elektra TYC 1405–00502–1 Diam = 189.0 m = 11.3 m = 13.5  Dur = 8.7s Dmag = 2.3 Sun: 74° Moon: 148°	2027 may 24 10h27.2m A27_05158 119069 2001KN77 HIP 93723 Diam = 136.8 m = 22.5 m = 8.1  Dur = 8.6s Dmag = 14.4 Sun: 137° Moon: 3°	2027 may 25 2h 1.0m B27_05012 2005GZ206 UCAC4 333–076613 Diam = 151.4 m = 14.4 m = 23.3  Dur = 6.2s Dmag = 8.9 Sun: 167° Moon: 63°
2027 may 25 11h12.5m A27_05081 432 Pythia HIP 84791 Diam = 48.6 m = 8.9 m = 11.1  Dur = 6.5s Dmag = 2.3 Sun: 162° Moon: 40°	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 8h55.7m A27_05001 7 Iris UCAC4 335–081533 Diam = 329.6 m = 12.4 m = 9.3  Dur = 23.5s Dmag = 0.1 Sun: 176° Moon: 79°	2027 may 27 9h47.6m A27_05083 466 Tisiphone UCAC4 397–128229 Diam = 121.0 m = 11.7 m = 14.3  Dur = 13.4s Dmag = 2.7 Sun: 106° Moon: 6°
2027 may 29 5h38.5m A27_05127 928 Hildrun TYC 5692–02279–1 Diam = 69.7 m = 10.7 m = 14.6  Dur = 7.1s Dmag = 3.9 Sun: 143° Moon: 65°	2027 may 29 7h32.3m B27_05007 533563 2014JW80 UCAC4 292–095618 Diam = 287.1 m = 13.5 m = 22.8  Dur = 11.1s Dmag = 9.3 Sun: 169° Moon: 94°	2027 jun 2 9h23.0m A27_06093 578 Happelia UCAC4 299–099180 Diam = 71.6 m = 12.3 m = 11.9  Dur = 8.5s Dmag = 0.6 Sun: 171° Moon: 144°	2027 jun 4 5h11.1m A27_06143 1086 Nata UCAC4 286–102211 Diam = 70.5 m = 11.7 m = 14.0  Dur = 5.3s Dmag = 2.4 Sun: 169° Moon: 167°

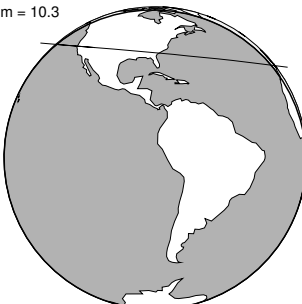
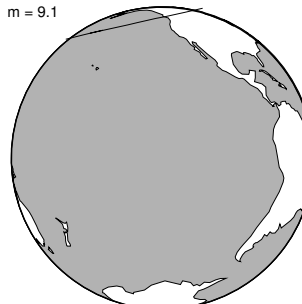
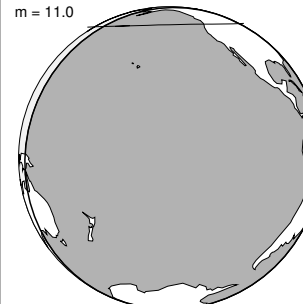
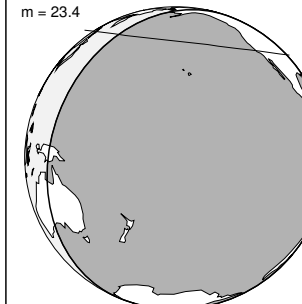
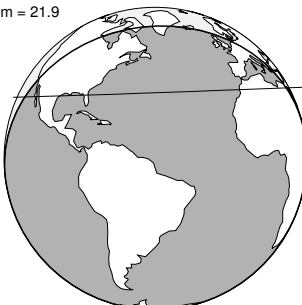
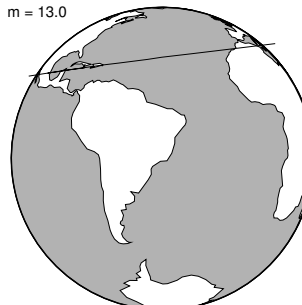
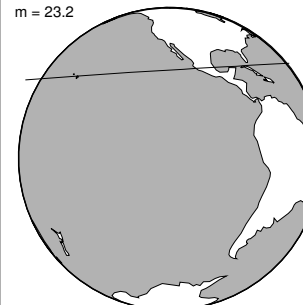
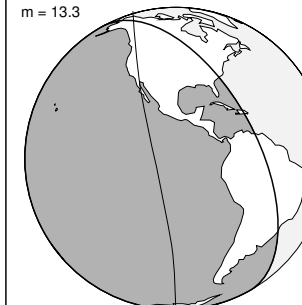
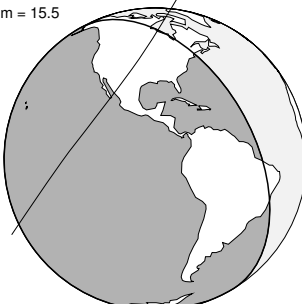
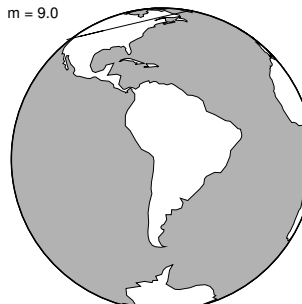
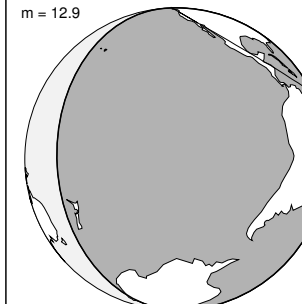
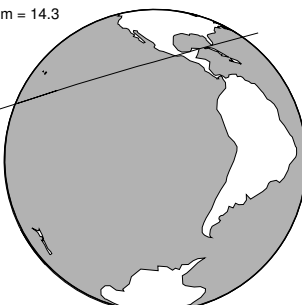
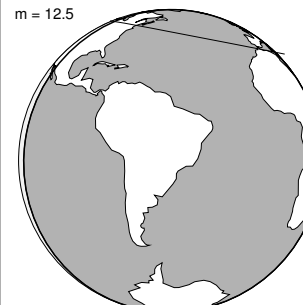
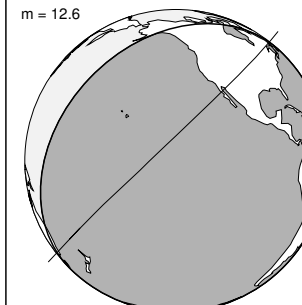
Occultations by major and minor planets – 2027

Region 1

2027 jun 7 6h17.3m A27_06004 11 Parthenope UCAC4 359–176870 Diam = 162.0 m = 11.8 m = 9.7  Dur = 28.2s Dmag = 0.1 Sun: 151° Moon: 171°	2027 jun 8 8h47.9m A27_06127 888 Parysatis UCAC4 388–102249 Diam = 44.8 m = 12.0 m = 14.2  Dur = 3.7s Dmag = 2.3 Sun: 155° Moon: 150°	2027 jun 9 4h31.4m A27_06041 98 Ianthé 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 1h21.7m A27_06088 535 Montague TYC 0853–00515–1 Diam = 77.0 m = 9.9 m = 14.5  Dur = 3.6s Dmag = 4.6 Sun: 82° Moon: 14°
2027 jun 10 6h 8.5m A27_06123 786 Bredichina UCAC5 493–057154 Diam = 93.2 m = 12.4 m = 13.5  Dur = 9.7s Dmag = 1.4 Sun: 114° Moon: 44°	2027 jun 10 9h25.0m A27_06125 804 Hispania TYC 0018–00195–1 Diam = 140.6 m = 10.8 m = 13.0  Dur = 4.5s Dmag = 2.3 Sun: 64° Moon: 141°	2027 jun 12 9h45.1m A27_06059 240 Vanadis UCAC4 342–176289 Diam = 108.0 m = 12.2 m = 13.5  Dur = 10.1s Dmag = 1.6 Sun: 155° Moon: 102°	2027 jun 13 6h38.1m A27_06104 627 Charis TYC 5672–00145–1 Diam = 51.0 m = 11.8 m = 13.8  Dur = 4.6s Dmag = 2.1 Sun: 170° Moon: 73°
2027 jun 14 9h 6.3m B27_06034 2014GJ54 UCAC4 376–082055 Diam = 127.1 m = 13.2 m = 22.2  Dur = 5.5s Dmag = 9.0 Sun: 171° Moon: 52°	2027 jun 15 9h54.7m A27_06148 1237 Genevieve UCAC5 289–183400 Diam = 42.0 m = 12.4 m = 14.4  Dur = 4.4s Dmag = 2.2 Sun: 156° Moon: 63°	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 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 19 7h47.7m A27_06085 432 Pythia TYC 6226–00820–1 Diam = 48.6 m = 10.1 m = 10.9  Dur = 5.8s Dmag = 1.2 Sun: 166° Moon: 17°	2027 jun 19 7h52.3m A27_06014 19 Fortuna UCAC4 345–098467 Diam = 149.0 m = 11.9 m = 10.5  Dur = 12.5s Dmag = 0.3 Sun: 173° Moon: 11°	2027 jun 24 9h 4.8m A27_06046 161 Athor UCAC4 262–188124 Diam = 45.7 m = 11.7 m = 11.8  Dur = 7.7s Dmag = 0.8 Sun: 152° Moon: 40°	2027 jun 26 4h 8.9m A27_06060 240 Vanadis UCAC4 340–175036 Diam = 108.0 m = 12.3 m = 13.2  Dur = 8.3s Dmag = 1.3 Sun: 171° Moon: 70°

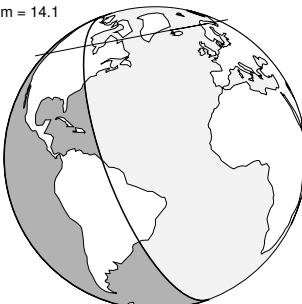
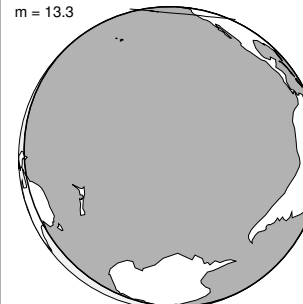
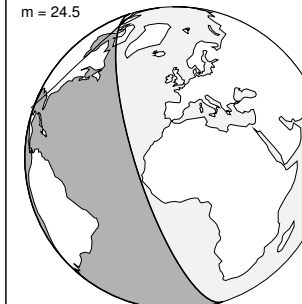
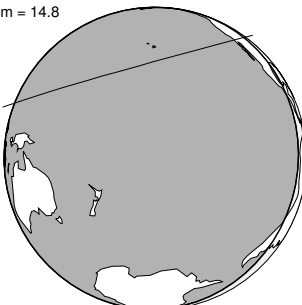
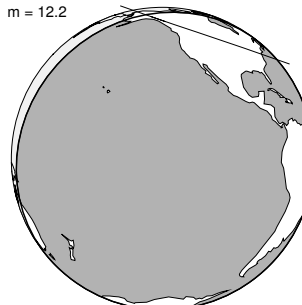
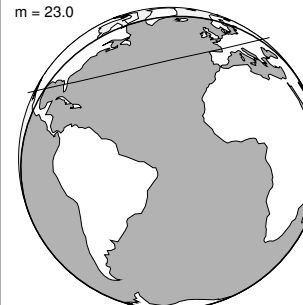
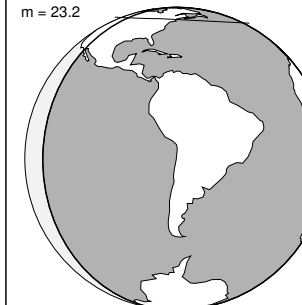
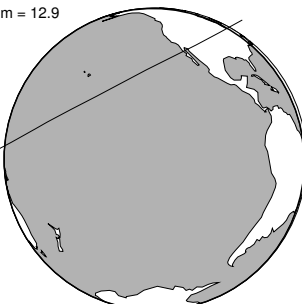
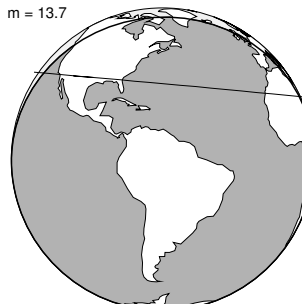
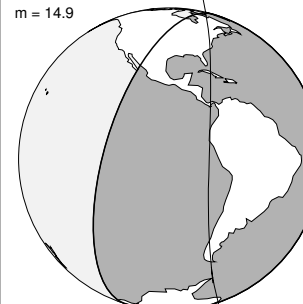
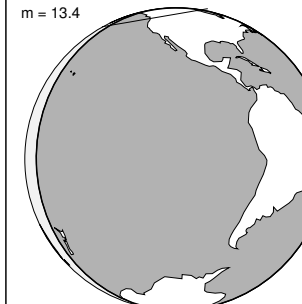
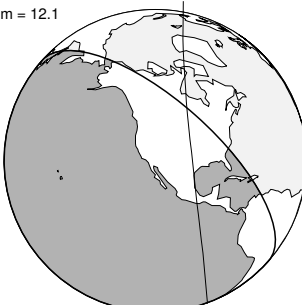
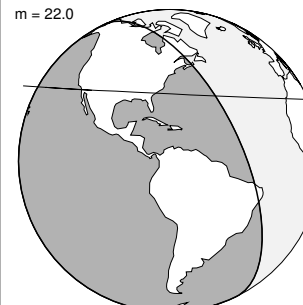
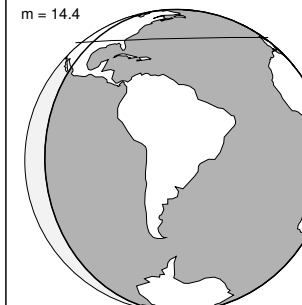
Occultations by major and minor planets – 2027

Region 1

2027 jun 27 5h50.8m A27_06028 67 Asia UCAC4 394–087870 Diam = 60.0 m = 11.6 m = 10.3  Dur = 9.1s Dmag = 0.3 Sun: 167° Moon: 84°	2027 jun 27 8h54.7m A27_06007 11 Parthenope TYC 6288–02018–1 Diam = 162.0 m = 9.3 m = 9.1  Dur = 18.4s Dmag = 0.7 Sun: 173° Moon: 87°	2027 jun 28 8h21.4m A27_06025 65 Cybele UCAC4 361–086407 Diam = 230.0 m = 12.2 m = 11.0  Dur = 23.4s Dmag = 0.3 Sun: 162° Moon: 120°	2027 jun 28 8h28.1m B27_06026 2004FW164 UCAC4 380–073902 Diam = 109.6 m = 14.9 m = 23.4  Dur = 5.7s Dmag = 8.5 Sun: 145° Moon: 136°
2027 jun 29 3h 5.9m B27_06020 523713 2014JX80 UCAC4 478–077264 Diam = 245.5 m = 14.8 m = 21.9  Dur = 10.4s Dmag = 7.1 Sun: 150° Moon: 110°	2027 jun 29 3h20.6m A27_06062 240 Vanadis UCAC4 340–173283 Diam = 108.0 m = 11.4 m = 13.0  Dur = 8.2s Dmag = 1.9 Sun: 174° Moon: 108°	2027 jun 29 8h 2.5m A27_06174 2003LD9 UCAC4 361–171345 Diam = 182.0 m = 11.8 m = 23.2  Dur = 7.4s Dmag = 11.4 Sun: 173° Moon: 110°	2027 jun 29 10h11.1m A27_06082 374 Burgundia UCAC5 456–115624 Diam = 48.2 m = 12.5 m = 13.3  Dur = 13.2s Dmag = 1.2 Sun: 122° Moon: 60°
2027 jun 30 9h 8.9m A27_06160 1585 Union UCAC4 446–136593 Diam = 52.1 m = 12.1 m = 15.5  Dur = 11.2s Dmag = 3.4 Sun: 130° Moon: 80°	2027 jul 1 4h29.9m A27_07003 11 Parthenope UCAC4 354–146853 Diam = 162.0 m = 11.1 m = 9.0  Dur = 18.1s Dmag = 0.2 Sun: 176° Moon: 138°	2027 jul 1 5h 5.7m A27_07170 2307 Garuda UCAC5 359–130454 Diam = 45.1 m = 12.5 m = 14.9  Dur = 3.9s Dmag = 2.5 Sun: 173° Moon: 143°	2027 jul 3 5h39.2m A27_07085 337 Devosa UCAC4 289–083909 Diam = 63.2 m = 10.8 m = 12.9  Dur = 8.6s Dmag = 2.3 Sun: 141° Moon: 155°
2027 jul 3 6h44.5m A27_07152 971 Alsatia UCAC4 309–216450 Diam = 66.7 m = 11.5 m = 14.3  Dur = 4.6s Dmag = 2.9 Sun: 172° Moon: 173°	2027 jul 4 4h52.1m A27_07161 1112 Polonia HIP 82570 Diam = 40.3 m = 8.6 m = 14.9  Dur = 3.6s Dmag = 6.3 Sun: 152° Moon: 152°	2027 jul 5 2h24.7m A27_07119 675 Ludmilla UCAC4 345–119102 Diam = 109.1 m = 12.5 m = 12.5  Dur = 8.0s Dmag = 0.8 Sun: 164° Moon: 151°	2027 jul 5 7h11.1m A27_07129 739 Mandeville UCAC4 464–059295 Diam = 110.0 m = 11.6 m = 12.6  Dur = 9.6s Dmag = 1.4 Sun: 142° Moon: 129°

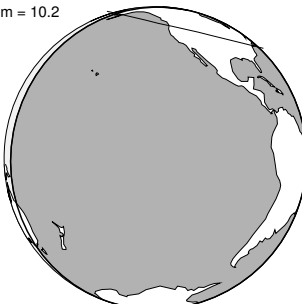
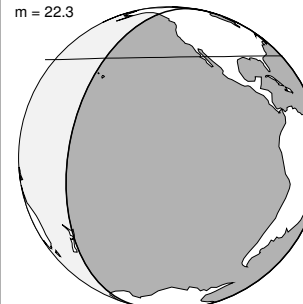
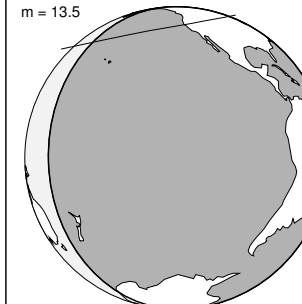
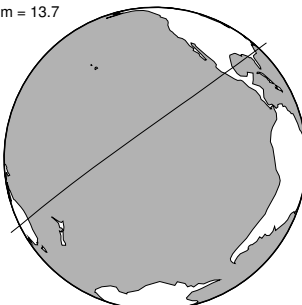
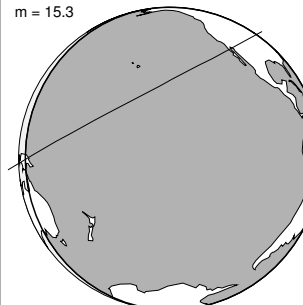
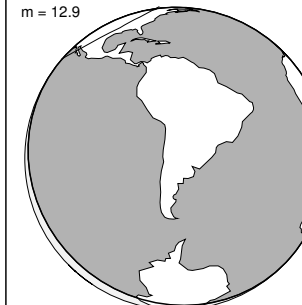
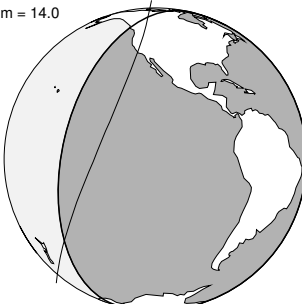
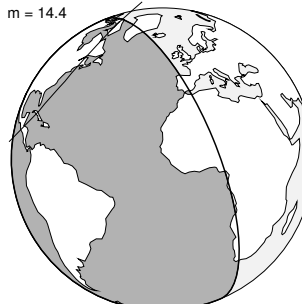
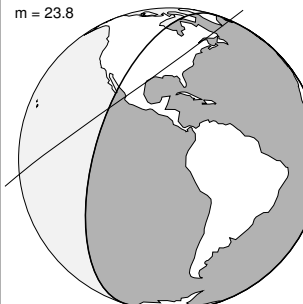
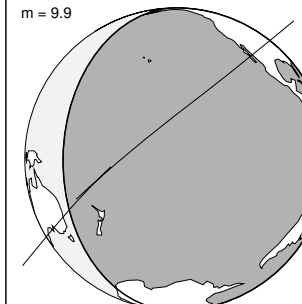
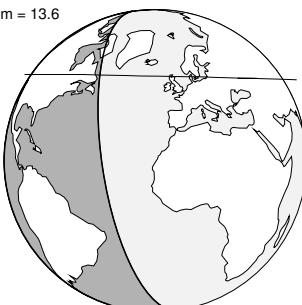
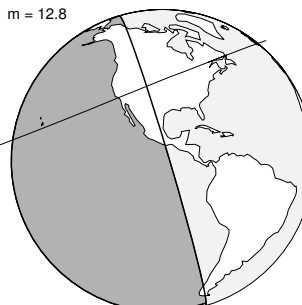
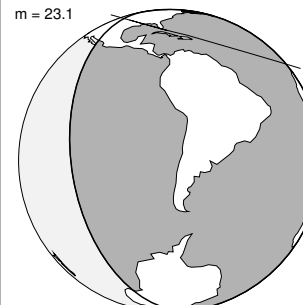
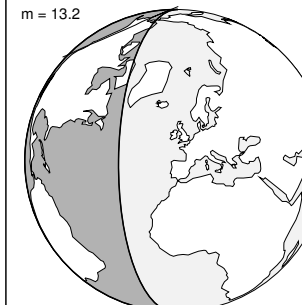
Occultations by major and minor planets – 2027

Region 1

2027 jul 5 9h50.0m A27_07080 313 Chaldaea PPMX 6839612 Diam = 101.0 m = 12.0 m = 14.1  Dur = 3.7s Dmag = 2.3 Sun: 70° Moon: 88°	2027 jul 6 7h12.2m A27_07099 491 Carina Gaia 094-0212686 Diam = 101.0 m = 11.0 m = 13.6  Dur = 11.6s Dmag = 2.7 Sun: 142° Moon: 160°	2027 jul 7 8h 0.2m A27_07029 81 Terpsichore UCAC5 277-129500 Diam = 124.0 m = 12.4 m = 13.3  Dur = 9.3s Dmag = 1.2 Sun: 160° Moon: 119°	2027 jul 12 6h54.9m B27_07028 2015RD279 UCAC4 559-003969 Diam = 57.5 m = 13.9 m = 24.5  Dur = 3.8s Dmag = 10.6 Sun: 74° Moon: 175°
2027 jul 12 11h47.4m A27_07116 671 Carnegie TYC 6933-00329-1 Diam = 63.7 m = 9.7 m = 14.8  Dur = 5.3s Dmag = 5.2 Sun: 160° Moon: 85°	2027 jul 13 7h54.5m A27_07140 790 Pretoria UCAC4 414-077653 Diam = 176.0 m = 11.7 m = 12.2  Dur = 15.4s Dmag = 1.1 Sun: 158° Moon: 50°	2027 jul 15 1h24.3m B27_07017 800768 2014JQ92 UCAC4 442-082472 Diam = 88.3 m = 14.6 m = 23.0  Dur = 3.8s Dmag = 8.3 Sun: 157° Moon: 40°	2027 jul 15 2h46.3m B27_07022 2004HC79 UCAC4 332-106228 Diam = 156.3 m = 14.1 m = 23.2  Dur = 7.5s Dmag = 9.1 Sun: 151° Moon: 12°
2027 jul 16 9h19.8m A27_07091 402 Chloë TYC 6328-00479-1 Diam = 57.6 m = 9.3 m = 12.9  Dur = 4.5s Dmag = 3.6 Sun: 168° Moon: 36°	2027 jul 19 4h10.3m A27_07106 568 Cheruskia TYC 5145-00781-1 Diam = 89.7 m = 11.3 m = 13.7  Dur = 6.4s Dmag = 2.5 Sun: 159° Moon: 21°	2027 jul 20 2h 2.0m A27_07123 691 Lehigh UCAC4 384-068413 Diam = 92.6 m = 11.6 m = 14.9  Dur = 16.6s Dmag = 3.4 Sun: 115° Moon: 80°	2027 jul 22 5h49.2m A27_07133 758 Mancunia UCAC4 336-153058 Diam = 86.5 m = 11.2 m = 13.4  Dur = 7.0s Dmag = 2.3 Sun: 157° Moon: 61°
2027 jul 22 10h24.7m A27_07148 914 Palisana PPMX 4676148 Diam = 79.0 m = 12.3 m = 12.1  Dur = 6.6s Dmag = 0.7 Sun: 113° Moon: 39°	2027 jul 24 8h 9.0m A27_07038 136 Austria UCAC4 452-119322 Diam = 41.7 m = 11.9 m = 12.3  Dur = 7.1s Dmag = 1.0 Sun: 152° Moon: 39°	2027 jul 27 8h47.4m B27_07018 831323 2009ME10 UCAC4 482-000315 Diam = 95.5 m = 12.8 m = 22.0  Dur = 11.4s Dmag = 9.1 Sun: 118° Moon: 36°	2027 jul 28 1h52.4m A27_07077 300 Geraldina PPMX 12708716 Diam = 79.1 m = 10.7 m = 14.4  Dur = 9.0s Dmag = 3.8 Sun: 150° Moon: 137°

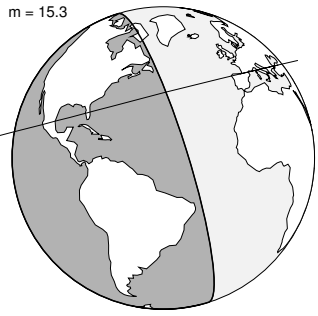
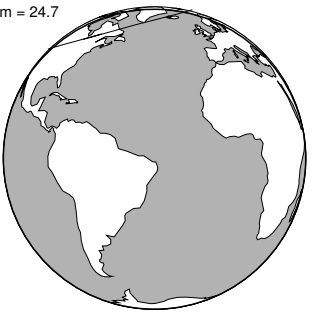
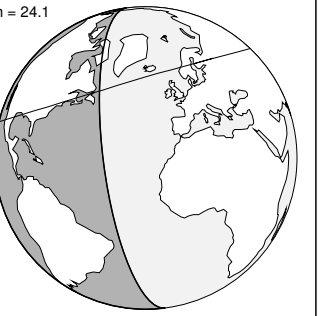
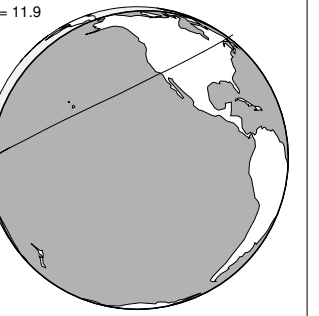
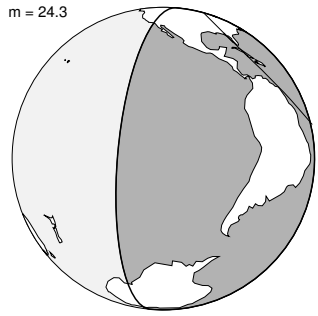
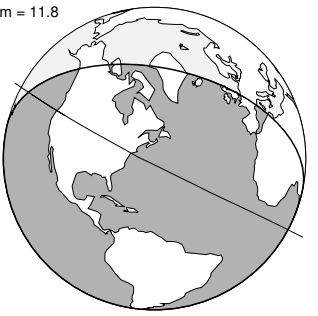
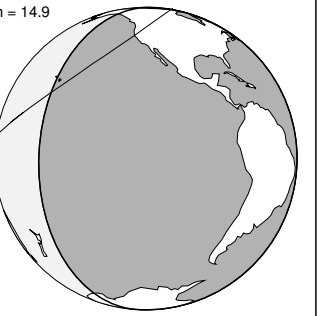
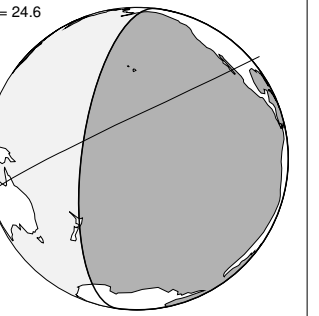
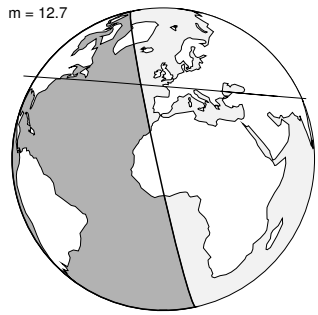
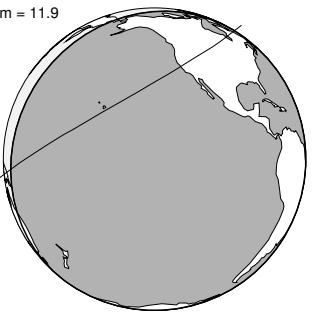
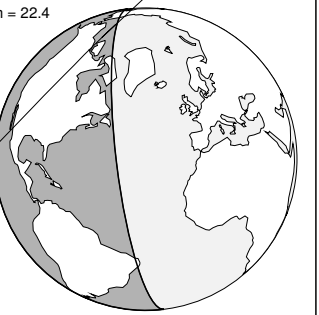
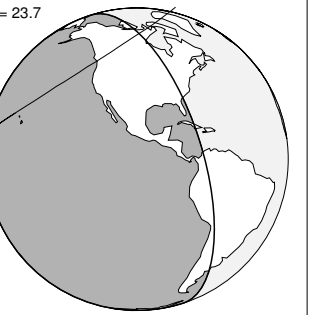
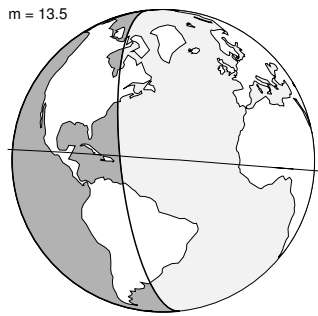
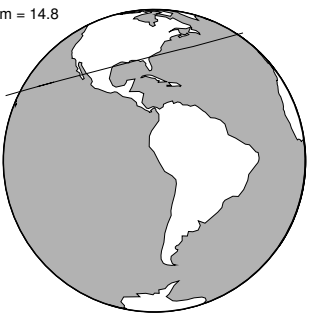
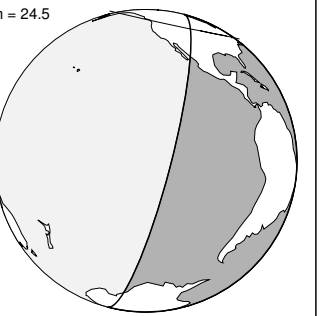
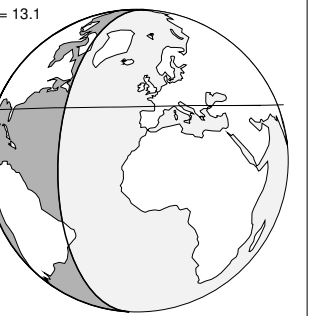
Occultations by major and minor planets – 2027

Region 1

2027 jul 28 7h40.4m A27_07126 704 Interamnia TYC 6296–01201–1 Diam = 333.0 m = 11.2 m = 10.2  Dur = 26.9s Dmag = 0.4 Sun: 162° Moon: 125°	2027 jul 29 4h43.4m A27_07088 372 Palma UCAC4 357–198451 Diam = 195.0 m = 10.3 m = 12.3  Dur = 13.0s Dmag = 2.2 Sun: 161° Moon: 104°	2027 jul 29 5h15.8m B27_07027 2014GJ54 UCAC4 376–081147 Diam = 127.1 m = 13.7 m = 22.3  Dur = 9.3s Dmag = 8.6 Sun: 131° Moon: 163°	2027 jul 31 6h19.8m A27_07134 758 Mancunia UCAC4 335–153776 Diam = 86.5 m = 11.6 m = 13.5  Dur = 8.5s Dmag = 2.1 Sun: 147° Moon: 176°
2027 jul 31 8h54.0m A27_07144 856 Backlunda TYC 6339–00881–1 Diam = 52.0 m = 10.1 m = 13.7  Dur = 4.2s Dmag = 3.6 Sun: 178° Moon: 150°	2027 aug 5 6h33.0m A27_08031 227 Philosophia UCAC4 342–194150 Diam = 90.1 m = 12.4 m = 12.5  Dur = 7.7s Dmag = 0.8 Sun: 174° Moon: 136°	2027 aug 5 8h24.3m A27_08111 816 Juliana TYC 6316–01839–1 Diam = 62.5 m = 11.0 m = 15.3  Dur = 4.7s Dmag = 4.3 Sun: 162° Moon: 122°	2027 aug 6 3h39.8m A27_08091 598 Octavia UCAC4 293–227143 Diam = 74.7 m = 12.3 m = 12.9  Dur = 7.3s Dmag = 1.1 Sun: 161° Moon: 112°
2027 aug 6 4h 3.0m A27_08057 339 Dorothea UCAC5 400–067606 Diam = 43.7 m = 12.5 m = 14.0  Dur = 8.8s Dmag = 1.7 Sun: 128° Moon: 79°	2027 aug 6 5h27.6m A27_08034 231 Vindobona UCAC4 500–002034 Diam = 85.1 m = 11.9 m = 14.4  Dur = 17.8s Dmag = 2.7 Sun: 111° Moon: 164°	2027 aug 7 1h54.4m B27_08034 2016LS90 UCAC4 435–067852 Diam = 134.3 m = 14.9 m = 23.8  Dur = 9.6s Dmag = 8.9 Sun: 119° Moon: 62°	2027 aug 7 6h49.2m A27_08003 11 Parthenope UCAC5 343–122125 Diam = 162.0 m = 12.4 m = 9.9  Dur = 51.9s Dmag = 0.1 Sun: 138° Moon: 72°
2027 aug 9 8h11.9m A27_08102 694 Ekard UCAC4 572–010832 Diam = 92.7 m = 11.9 m = 13.6  Dur = 3.4s Dmag = 1.9 Sun: 69° Moon: 161°	2027 aug 9 12h15.1m A27_08011 70 Panopaea UCAC4 500–004338 Diam = 127.0 m = 12.3 m = 12.8  Dur = 8.8s Dmag = 1.1 Sun: 92° Moon: 167°	2027 aug 10 1h50.1m B27_08004 160148 2001KV76 Gaia 055–0214996 Diam = 127.6 m = 14.4 m = 23.1  Dur = 9.4s Dmag = 8.7 Sun: 130° Moon: 32°	2027 aug 13 7h39.6m A27_08012 71 Niobe UCAC5 668–027249 Diam = 87.3 m = 12.4 m = 13.2  Dur = 3.2s Dmag = 1.2 Sun: 67° Moon: 151°

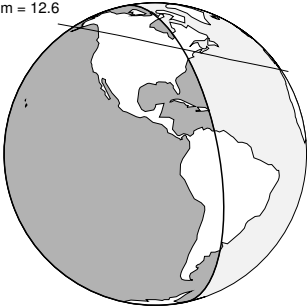
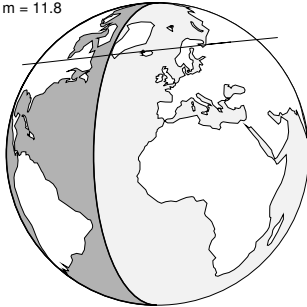
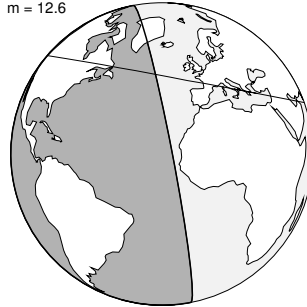
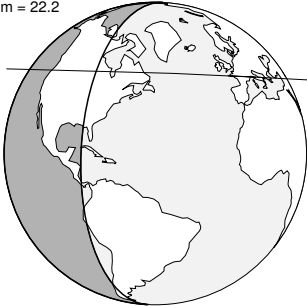
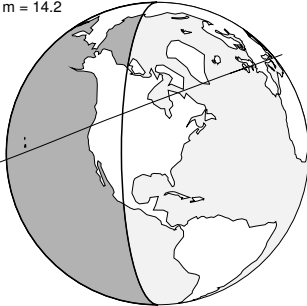
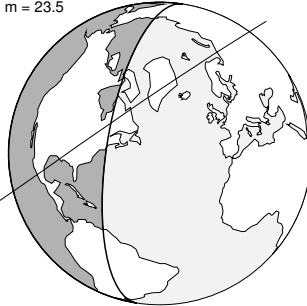
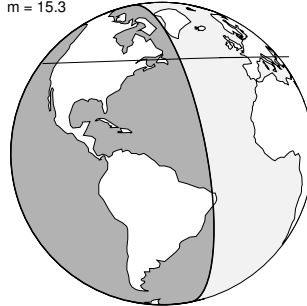
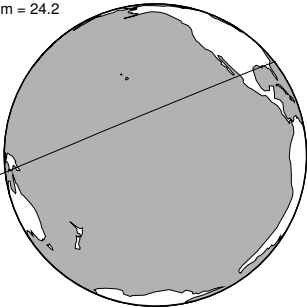
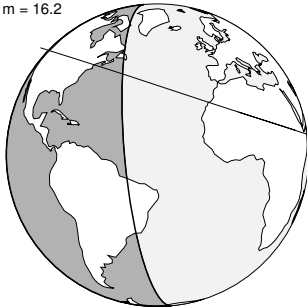
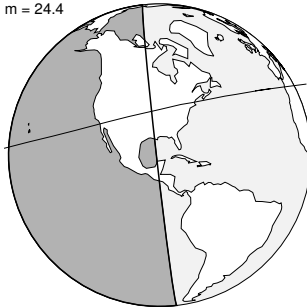
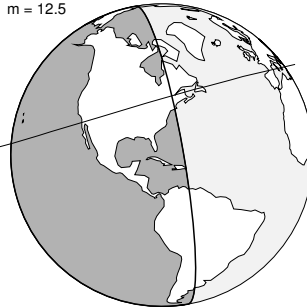
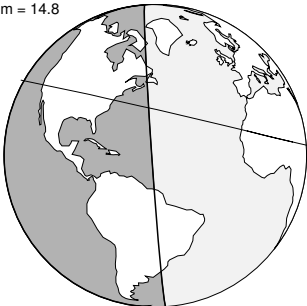
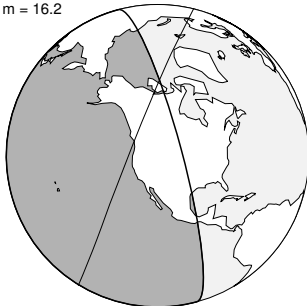
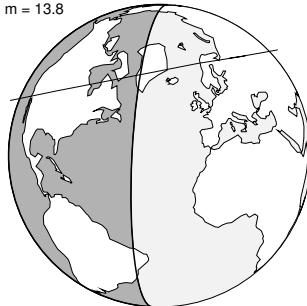
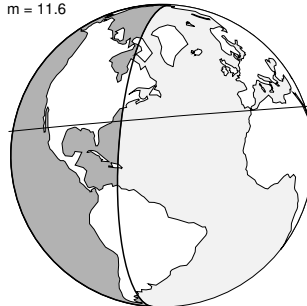
Occultations by major and minor planets – 2027

Region 1

2027 aug 13 8h21.0m A27_08128 1687 Giarona TYC 0642–00269–1 Diam = 42.6 m = 10.9 m = 15.3  Dur = 3.1s Dmag = 4.4 Sun: 99° Moon: 124°	2027 aug 15 2h32.5m A27_08135 2022RW88 TYC 5217–00791–1 Diam = 162.2 m = 11.6 m = 24.7  Dur = 6.2s Dmag = 13.1 Sun: 169° Moon: 30°	2027 aug 15 8h19.2m B27_08026 2012UV177 UCAC4 594–011761 Diam = 58.1 m = 14.9 m = 24.1  Dur = 4.3s Dmag = 9.1 Sun: 73° Moon: 128°	2027 aug 17 7h39.6m A27_08050 284 Amalia UCAC4 449–128422 Diam = 55.1 m = 12.2 m = 11.9  Dur = 10.9s Dmag = 0.6 Sun: 160° Moon: 19°
2027 aug 19 2h31.0m B27_08019 2000FT53 UCAC4 300–098608 Diam = 91.2 m = 14.6 m = 24.3  Dur = 19.4s Dmag = 9.8 Sun: 107° Moon: 92°	2027 aug 19 4h50.6m A27_08118 914 Palisana TYC 3201–00644–1 Diam = 79.0 m = 11.3 m = 11.8  Dur = 11.0s Dmag = 1.0 Sun: 126° Moon: 43°	2027 aug 20 4h51.5m A27_08039 239 Adrastea TYC 6281–00334–1 Diam = 43.0 m = 11.6 m = 14.9  Dur = 7.7s Dmag = 3.4 Sun: 134° Moon: 76°	2027 aug 20 5h37.5m B27_08032 2015KV173 UCAC4 370–083079 Diam = 66.1 m = 12.9 m = 24.6  Dur = 10.8s Dmag = 11.7 Sun: 111° Moon: 100°
2027 aug 20 6h15.2m A27_08045 258 Tyche TYC 1256–00300–1 Diam = 67.7 m = 11.9 m = 12.7  Dur = 3.4s Dmag = 1.2 Sun: 87° Moon: 60°	2027 aug 20 7h49.2m A27_08049 284 Amalia UCAC4 447–128208 Diam = 55.1 m = 11.8 m = 11.9  Dur = 11.4s Dmag = 0.8 Sun: 158° Moon: 48°	2027 aug 21 8h34.2m B27_08018 863637 2014UH192 UCAC5 630–016094 Diam = 194.1 m = 14.9 m = 22.4  Dur = 14.3s Dmag = 7.5 Sun: 78° Moon: 56°	2027 aug 22 10h53.8m B27_08024 2006QA181 UCAC5 495–003034 Diam = 126.5 m = 14.9 m = 23.7  Dur = 15.1s Dmag = 8.8 Sun: 115° Moon: 11°
2027 aug 24 10h10.1m A27_08059 345 Tercidina UCAC4 550–013001 Diam = 100.0 m = 7.0 m = 13.5  Dur = 3.7s Dmag = 6.5 Sun: 73° Moon: 26°	2027 aug 26 5h38.7m A27_08127 1308 Halleria UCAC4 393–134128 Diam = 45.0 m = 12.2 m = 14.8  Dur = 3.7s Dmag = 2.7 Sun: 174° Moon: 100°	2027 aug 27 1h34.0m B27_08027 2013GE138 UCAC5 351–071393 Diam = 120.2 m = 14.9 m = 24.5  Dur = 12.6s Dmag = 9.6 Sun: 80° Moon: 145°	2027 aug 27 8h44.8m A27_08020 106 Dione TYC 1882–01311–1 Diam = 146.9 m = 9.8 m = 13.1  Dur = 4.5s Dmag = 3.3 Sun: 58° Moon: 3°

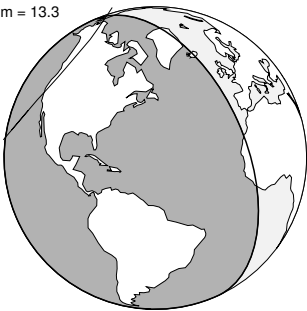
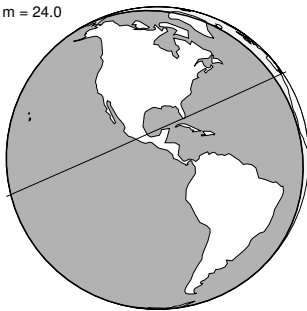
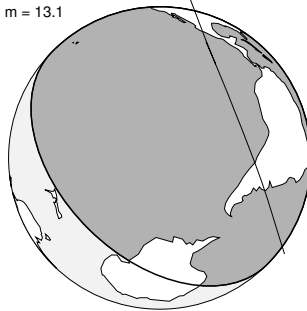
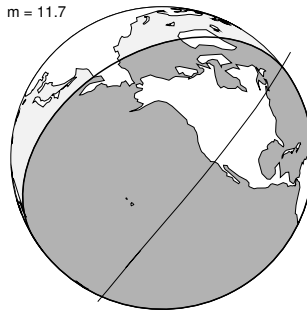
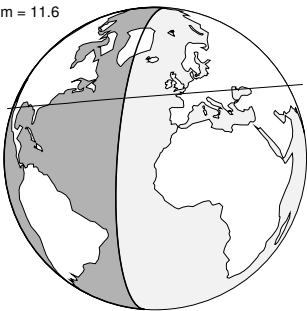
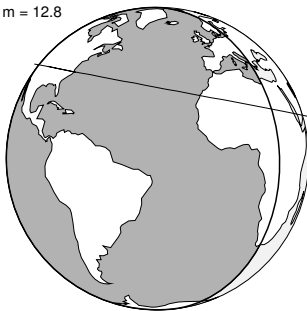
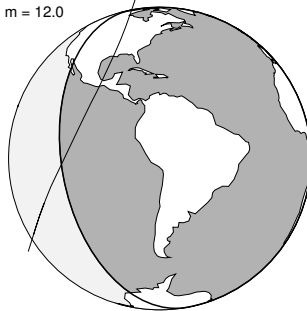
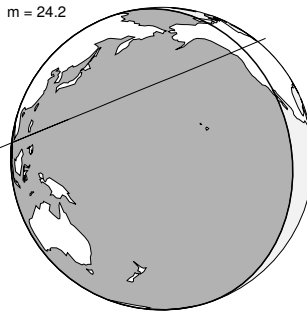
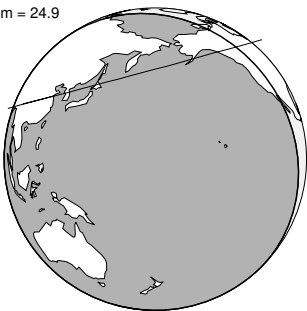
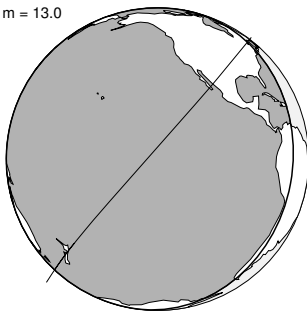
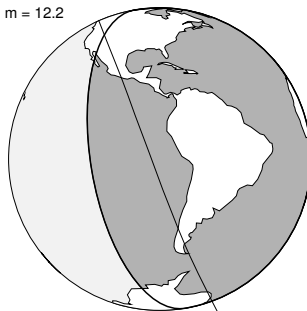
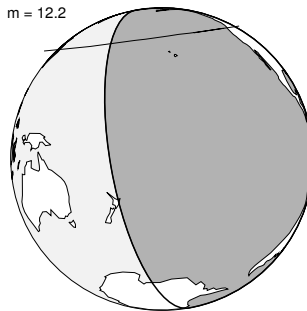
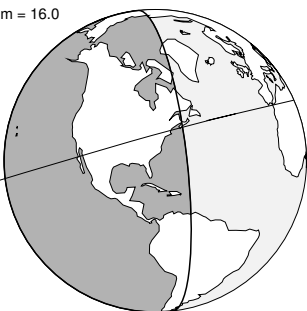
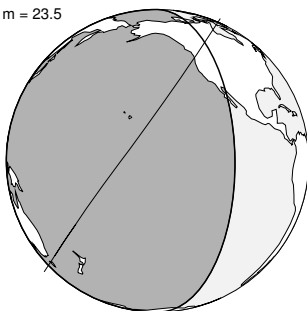
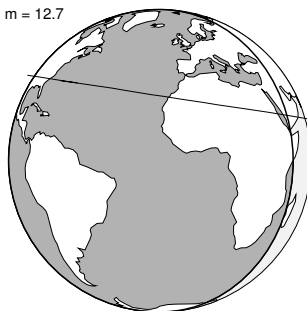
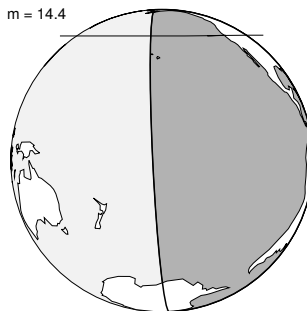
Occultations by major and minor planets – 2027

Region 1

2027 aug 28 10h22.3m A27_08079 498 Tokio UCAC4 459–003602 Diam = 84.8 m = 12.4 m = 12.6  Dur = 12.2s Dmag = 0.9 Sun: 114° Moon: 70°	2027 aug 29 8h10.7m A27_08004 23 Thalia PPMX 5010954 Diam = 111.0 m = 11.8  Dur = 3.4s Dmag = 0.6 Sun: 64° Moon: 31°	2027 aug 29 11h24.2m A27_08053 328 Gudrun UCAC4 639–023709 Diam = 120.0 m = 12.5 m = 14.2  Dur = 4.6s Dmag = 1.9 Sun: 74° Moon: 44°	2027 aug 30 7h 7.5m A27_08046 258 Tyche HIP 18909 Diam = 67.7 m = 12.6  Dur = 4.0s Dmag = 3.7 Sun: 93° Moon: 74°
2027 aug 31 11h23.4m B27_08017 666182 2009YG19 UCAC5 565–026402 Diam = 238.8 m = 14.9 m = 22.2  Dur = 12.2s Dmag = 7.2 Sun: 60° Moon: 57°	2027 aug 31 12h32.9m A27_08054 328 Gudrun TYC 2896–01282–1 Diam = 120.0 m = 11.9 m = 14.2  Dur = 4.7s Dmag = 2.4 Sun: 76° Moon: 74°	2027 sep 1 10h12.1m B27_09012 2004VW75 UCAC4 670–044287 Diam = 100.5 m = 13.9 m = 23.5  Dur = 5.2s Dmag = 9.6 Sun: 69° Moon: 79°	2027 sep 4 8h28.5m A27_09118 629 Bernardina UCAC4 504–005430 Diam = 43.7 m = 11.3 m = 15.3  Dur = 5.5s Dmag = 4.1 Sun: 106° Moon: 152°
2027 sep 4 9h25.1m A27_09168 2001QW322 TYC 5815–00420–1 Diam = 120.2 m = 12.3 m = 24.2  Dur = 4.8s Dmag = 11.9 Sun: 175° Moon: 126°	2027 sep 5 9h 6.8m A27_09140 805 Hormuthia UCAC4 491–014507 Diam = 73.0 m = 12.3 m = 16.2  Dur = 3.5s Dmag = 3.9 Sun: 77° Moon: 134°	2027 sep 6 11h49.7m B27_09021 2015VV164 UCAC4 567–012406 Diam = 79.4 m = 14.3 m = 24.4  Dur = 14.6s Dmag = 10.1 Sun: 88° Moon: 163°	2027 sep 8 10h24.0m A27_09046 135 Hertha UCAC4 569–010446 Diam = 82.0 m = 12.1 m = 12.5  Dur = 6.9s Dmag = 1.0 Sun: 98° Moon: 164°
2027 sep 12 9h32.4m A27_09133 713 Luscinia UCAC4 544–013787 Diam = 109.0 m = 12.1 m = 14.8  Dur = 6.6s Dmag = 2.8 Sun: 88° Moon: 130°	2027 sep 12 12h13.0m A27_09148 1000 Piazzia UCAC4 669–023821 Diam = 54.0 m = 12.2 m = 16.2  Dur = 4.6s Dmag = 4.1 Sun: 99° Moon: 116°	2027 sep 13 8h39.3m A27_09134 760 Massinga TYC 2431–00432–1 Diam = 74.8 m = 11.3 m = 13.8  Dur = 3.3s Dmag = 2.7 Sun: 79° Moon: 128°	2027 sep 13 10h31.7m A27_09016 23 Thalia UCAC4 571–030043 Diam = 111.0 m = 12.2 m = 11.6  Dur = 3.8s Dmag = 0.5 Sun: 73° Moon: 135°

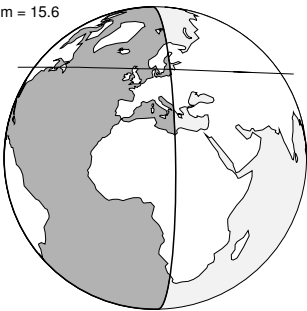
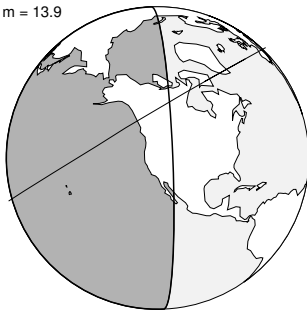
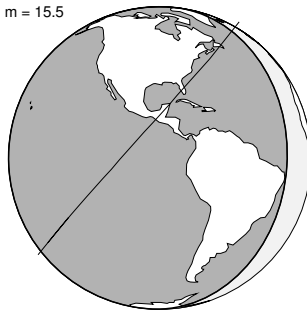
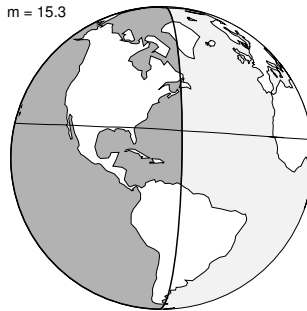
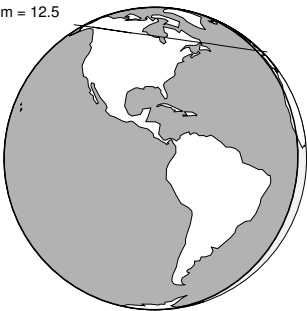
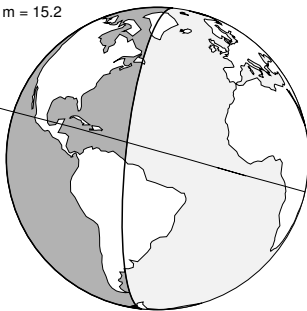
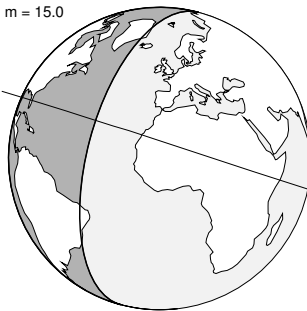
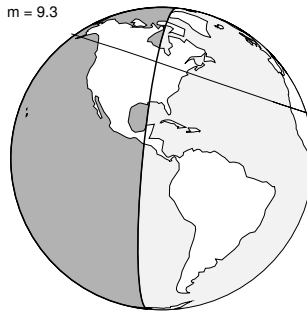
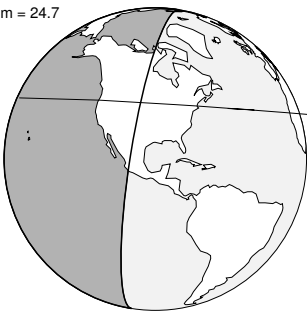
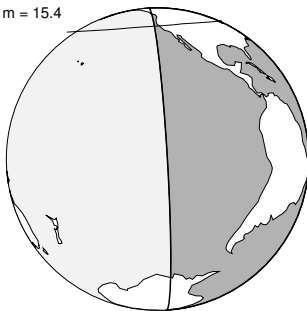
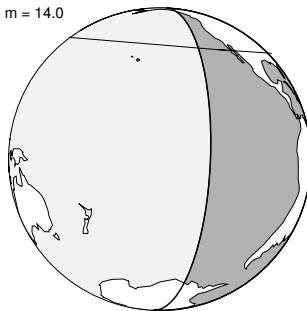
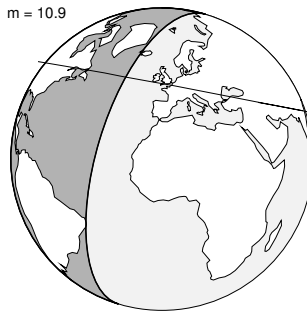
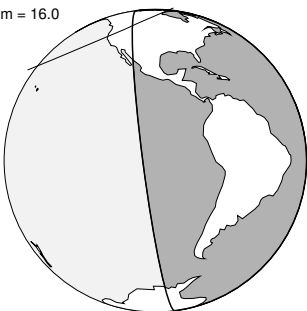
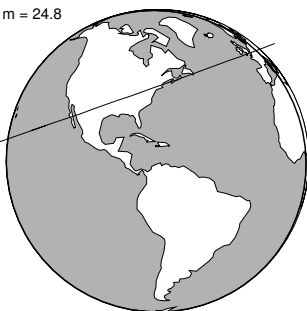
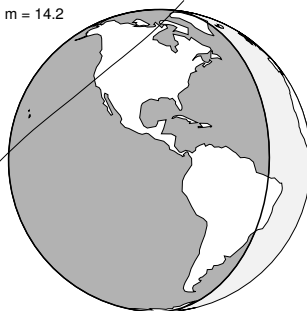
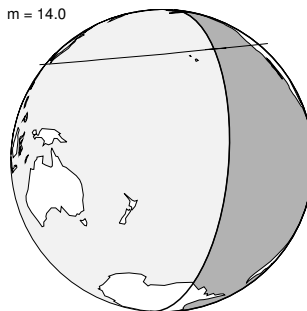
Occultations by major and minor planets – 2027

Region 1

2027 sep 15 6h41.6m A27_09141 849 Ara TYC 1767–00237–1 Diam = 100.0 m = 11.8 m = 13.3  Dur = 21.0s Dmag = 1.7 Sun: 126° Moon: 60°	2027 sep 15 7h 5.5m A27_09169 2006SE415 TYC 0606–01240–1 Diam = 125.9 m = 12.3 m = 24.0  Dur = 5.3s Dmag = 11.6 Sun: 159° Moon: 27°	2027 sep 16 5h48.5m A27_09128 680 Genoveva UCAC4 241–185207 Diam = 86.7 m = 12.2 m = 13.1  Dur = 10.0s Dmag = 1.3 Sun: 131° Moon: 53°	2027 sep 17 7h56.5m A27_09142 914 Palisana TYC 3198–02431–1 Diam = 79.0 m = 11.2 m = 11.7  Dur = 10.1s Dmag = 1.1 Sun: 134° Moon: 44°
2027 sep 17 8h 0.6m A27_09017 23 Thalia UCAC4 571–031857 Diam = 111.0 m = 12.1 m = 11.6  Dur = 4.0s Dmag = 0.5 Sun: 75° Moon: 89°	2027 sep 19 4h29.5m A27_09083 326 Tamara TYC 0037–00728–1 Diam = 100.0 m = 12.0 m = 12.8  Dur = 9.8s Dmag = 1.2 Sun: 143° Moon: 16°	2027 sep 20 1h26.3m A27_09039 97 Klotho TYC 5767–00368–1 Diam = 87.1 m = 9.6 m = 12.0  Dur = 14.5s Dmag = 2.5 Sun: 130° Moon: 97°	2027 sep 21 13h29.7m B27_09016 2013SJ100 UCAC4 493–002760 Diam = 125.9 m = 13.4 m = 24.2  Dur = 5.9s Dmag = 10.8 Sun: 148° Moon: 36°
2027 sep 23 13h28.1m B27_09020 2015RQ278 UCAC4 533–002258 Diam = 87.1 m = 13.8 m = 24.9  Dur = 3.8s Dmag = 11.1 Sun: 155° Moon: 68°	2027 sep 24 10h28.1m A27_09123 660 Crescentia UCAC4 426–002101 Diam = 44.2 m = 11.9 m = 13.0  Dur = 3.7s Dmag = 1.4 Sun: 153° Moon: 82°	2027 sep 25 1h21.3m A27_09053 148 Gallia TYC 6313–00556–1 Diam = 104.0 m = 10.4 m = 12.2  Dur = 10.9s Dmag = 2.0 Sun: 117° Moon: 172°	2027 sep 25 6h 4.8m A27_09049 140 Siwa UCAC4 331–199623 Diam = 114.0 m = 11.7 m = 12.2  Dur = 10.6s Dmag = 1.0 Sun: 109° Moon: 176°
2027 sep 25 10h11.8m A27_09154 1297 Quadea UCAC4 609–017430 Diam = 66.0 m = 12.4 m = 16.0  Dur = 6.3s Dmag = 3.7 Sun: 102° Moon: 39°	2027 sep 25 13h25.9m B27_09017 2014TU115 UCAC4 465–005765 Diam = 111.7 m = 12.9 m = 23.5  Dur = 8.3s Dmag = 10.6 Sun: 120° Moon: 62°	2027 sep 26 2h55.7m A27_09084 326 Tamara TYC 0037–00309–1 Diam = 100.0 m = 10.5 m = 12.7  Dur = 8.3s Dmag = 2.4 Sun: 151° Moon: 99°	2027 sep 26 4h24.5m A27_09068 240 Vanadis UCAC4 334–163201 Diam = 108.0 m = 11.0 m = 14.4  Dur = 8.2s Dmag = 3.4 Sun: 93° Moon: 147°

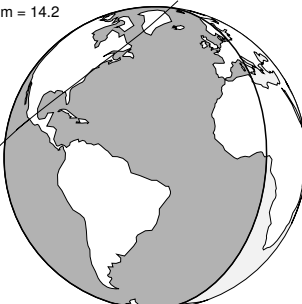
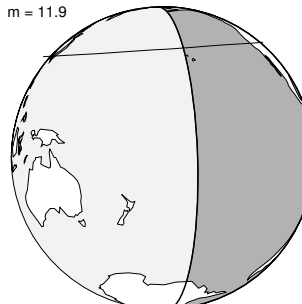
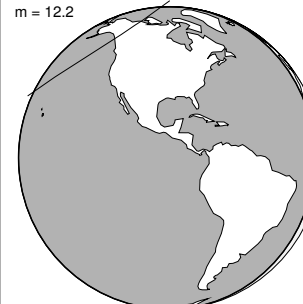
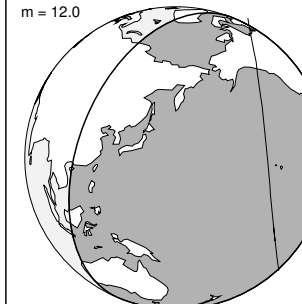
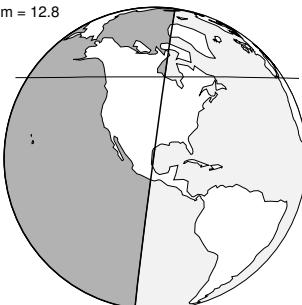
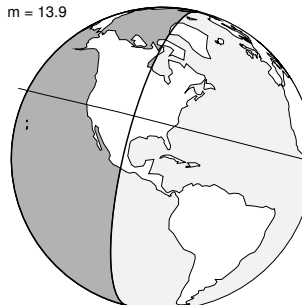
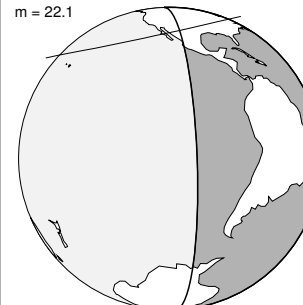
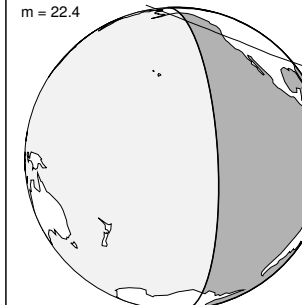
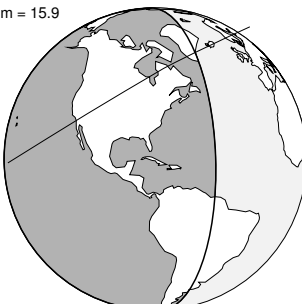
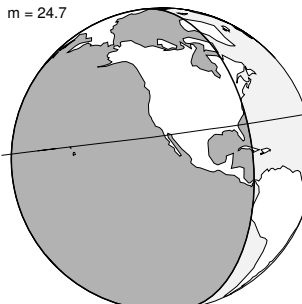
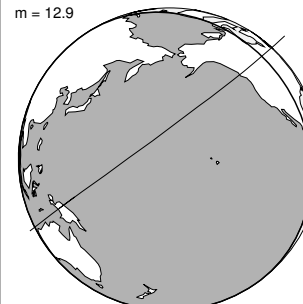
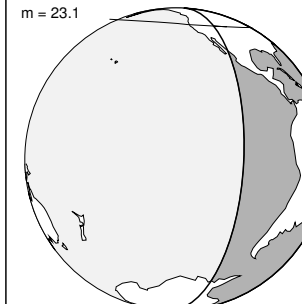
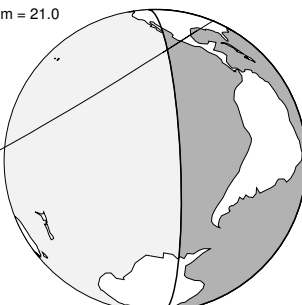
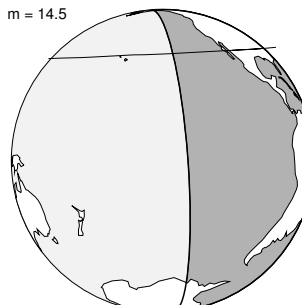
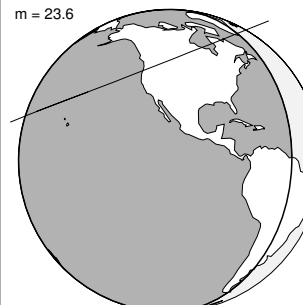
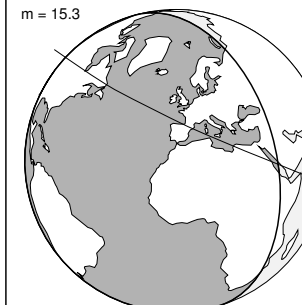
Occultations by major and minor planets – 2027

Region 1

2027 sep 28 4h39.1m A27_09094 461 Saskia TYC 1311–01631–1 Diam = 45.7 m = 7.8 m = 15.6  Dur = 3.3s Dmag = 7.8 Sun: 97° Moon: 72°	2027 sep 28 13h17.5m A27_09086 328 Gudrun PPMX 3058398 Diam = 120.0 m = 11.1 m = 13.9  Dur = 7.4s Dmag = 2.9 Sun: 95° Moon: 76°	2027 sep 29 8h 5.6m A27_09157 1614 Goldschmidt UCAC4 451–003241 Diam = 49.5 m = 12.1 m = 15.5  Dur = 4.4s Dmag = 3.4 Sun: 147° Moon: 136°	2027 oct 2 9h58.9m A27_10104 522 Helga TYC 1321–00974–1 Diam = 113.0 m = 11.2 m = 15.3  Dur = 10.5s Dmag = 4.1 Sun: 97° Moon: 127°
2027 oct 3 6h47.9m A27_10085 326 Tamara UCAC4 459–002389 Diam = 100.0 m = 12.5 m = 12.5  Dur = 7.3s Dmag = 0.8 Sun: 160° Moon: 152°	2027 oct 3 9h44.0m A27_10154 893 Leopoldina HIP 36188 Diam = 78.0 m = 2.9 m = 15.2  Dur = 3.7s Dmag = 12.3 Sun: 77° Moon: 118°	2027 oct 4 8h23.4m A27_10103 517 Edith TYC 1393–00381–1 Diam = 95.0 m = 12.3 m = 15.0  Dur = 3.1s Dmag = 2.7 Sun: 61° Moon: 115°	2027 oct 4 11h56.3m A27_10001 3 Juno TYC 0762–01561–1 Diam = 257.6 m = 11.2 m = 9.3  Dur = 11.1s Dmag = 0.2 Sun: 82° Moon: 135°
2027 oct 4 12h50.6m B27_10022 2020XU19 Gaia 114–0065499 Diam = 94.6 m = 13.8 m = 24.7  Dur = 10.1s Dmag = 10.8 Sun: 80° Moon: 137°	2027 oct 5 1h54.6m A27_10081 300 Geraldina UCAC4 331–164954 Diam = 79.1 m = 12.2 m = 15.4  Dur = 4.3s Dmag = 3.2 Sun: 86° Moon: 24°	2027 oct 6 2h18.7m A27_10039 122 Gerda UCAC4 342–095806 Diam = 86.5 m = 12.3 m = 14.0  Dur = 3.3s Dmag = 2.0 Sun: 70° Moon: 6°	2027 oct 6 8h 5.6m A27_10005 9 Metis TYC 1399–01353–1 Diam = 231.2 m = 10.8 m = 10.9  Dur = 7.3s Dmag = 0.8 Sun: 64° Moon: 142°
2027 oct 8 0h52.6m A27_10181 3025 Higson TYC 6296–01895–1 Diam = 52.1 m = 8.5 m = 16.0  Dur = 4.1s Dmag = 7.5 Sun: 94° Moon: 7°	2027 oct 8 5h24.4m B27_10018 2015RU279 UCAC4 514–002501 Diam = 75.9 m = 13.0 m = 24.8  Dur = 3.1s Dmag = 11.8 Sun: 167° Moon: 95°	2027 oct 8 8h41.1m A27_10107 527 Euryanthe UCAC4 479–005573 Diam = 55.2 m = 11.6 m = 14.2  Dur = 9.5s Dmag = 2.7 Sun: 136° Moon: 121°	2027 oct 9 3h22.2m A27_10128 654 Zelinda HIP 84172 Diam = 132.0 m = 7.8 m = 14.0  Dur = 4.5s Dmag = 6.3 Sun: 63° Moon: 44°

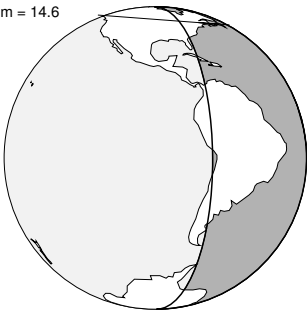
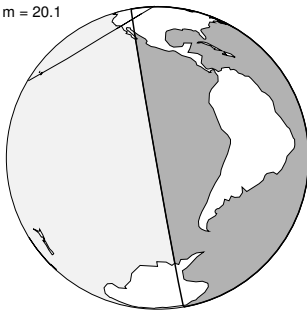
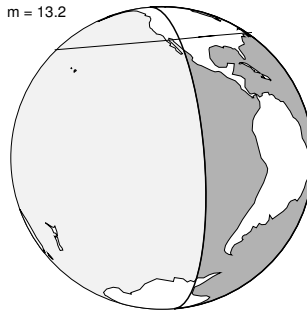
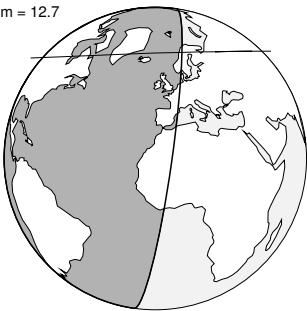
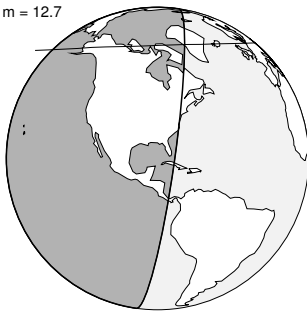
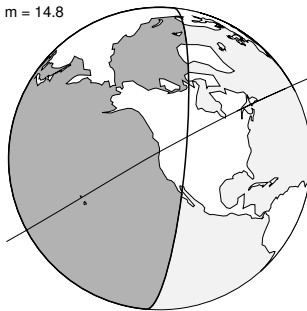
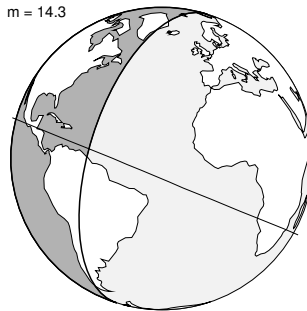
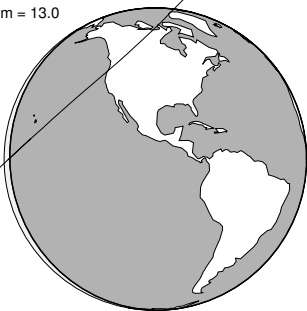
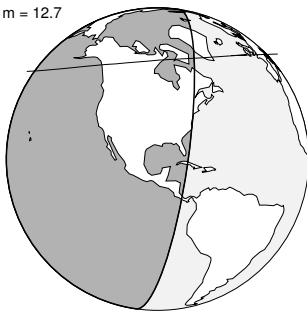
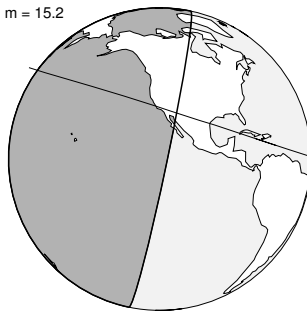
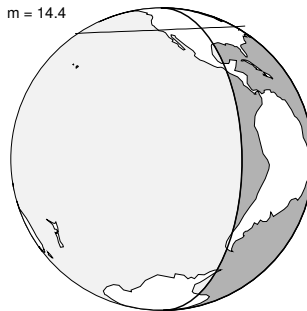
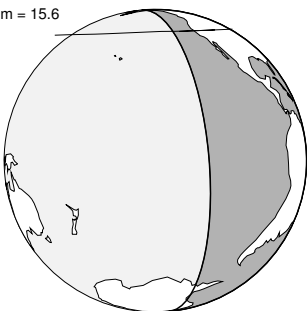
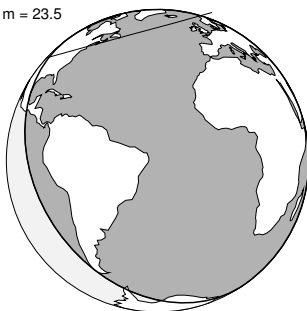
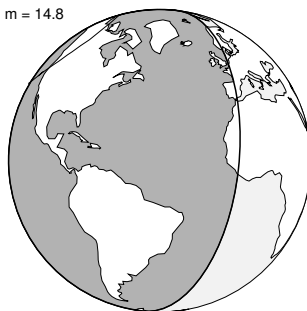
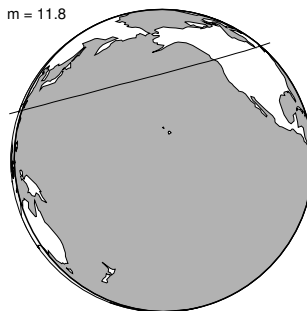
Occultations by major and minor planets – 2027

Region 1

2027 oct 9 5h21.6m A27_10106 527 Euryanthe UCAC4 479–005564 Diam = 55.2 m = 12.4  Dur = 9.2s Dmag = 2.0 Sun: 137° Moon: 111°	2027 oct 10 4h12.1m A27_10021 88 Thisbe UCAC4 343–132507 Diam = 232.0 m = 11.9  Dur = 8.9s Dmag = 0.7 Sun: 76° Moon: 43°	2027 oct 10 7h 3.6m A27_10049 163 Erigone TYC 0043–00176–1 Diam = 76.0 m = 9.1  Dur = 9.4s Dmag = 3.1 Sun: 163° Moon: 75°	2027 oct 10 10h18.7m A27_10156 914 Palisana TYC 2723–00702–1 Diam = 79.0 m = 10.3  Dur = 7.6s Dmag = 1.9 Sun: 130° Moon: 48°
2027 oct 10 12h26.9m A27_10028 106 Dione UCAC4 572–038659 Diam = 146.9 m = 11.2  Dur = 8.9s Dmag = 1.8 Sun: 89° Moon: 148°	2027 oct 10 12h36.6m A27_10058 212 Medea HIP 40565 Diam = 140.0 m = 8.3  Dur = 5.9s Dmag = 5.6 Sun: 75° Moon: 162°	2027 oct 11 0h37.0m B27_10014 2014KT101 UCAC4 308–233138 Diam = 182.0 m = 14.5  Dur = 15.3s Dmag = 7.6 Sun: 79° Moon: 49°	2027 oct 11 2h42.3m B27_10010 533398 2014GA54 UCAC4 380–101774 Diam = 149.3 m = 14.9  Dur = 9.4s Dmag = 7.5 Sun: 73° Moon: 56°
2027 oct 11 9h31.5m A27_10180 2219 Mannucci TYC 1309–01599–1 Diam = 45.0 m = 11.5  Dur = 10.2s Dmag = 4.4 Sun: 113° Moon: 114°	2027 oct 11 11h 8.7m A27_10183 2015VT169 TYC 1278–01348–1 Diam = 83.2 m = 11.5  Dur = 6.2s Dmag = 13.2 Sun: 126° Moon: 100°	2027 oct 11 12h48.9m A27_10153 849 Ara TYC 1221–01193–1 Diam = 100.0 m = 11.8  Dur = 7.5s Dmag = 1.4 Sun: 155° Moon: 70°	2027 oct 13 0h45.9m B27_10011 2006JV58 UCAC4 336–100959 Diam = 196.8 m = 14.1  Dur = 10.6s Dmag = 9.0 Sun: 63° Moon: 87°
2027 oct 13 0h50.9m B27_10007 471155 2010GF65 UCAC5 275–176488 Diam = 145.9 m = 21.0  Dur = 10.1s Dmag = 6.1 Sun: 80° Moon: 72°	2027 oct 13 2h39.3m A27_10064 240 Vanadis UCAC4 334–183706 Diam = 108.0 m = 11.9  Dur = 5.4s Dmag = 2.6 Sun: 80° Moon: 71°	2027 oct 13 9h31.2m B27_10013 2013TH228 UCAC4 490–005183 Diam = 106.7 m = 14.1  Dur = 5.5s Dmag = 9.6 Sun: 143° Moon: 61°	2027 oct 14 3h19.2m A27_10173 1285 Julietta TYC 1828–01428–1 Diam = 45.5 m = 11.5  Dur = 12.6s Dmag = 3.9 Sun: 131° Moon: 65°

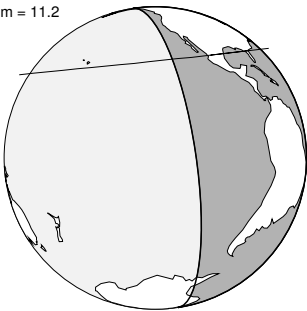
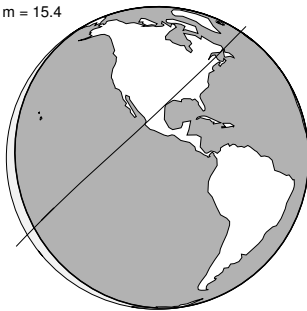
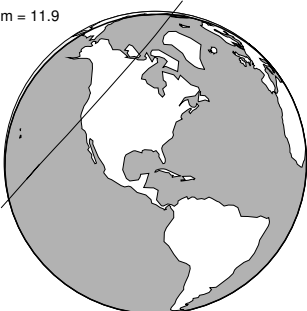
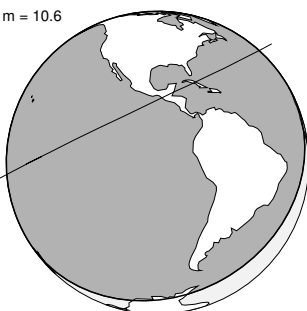
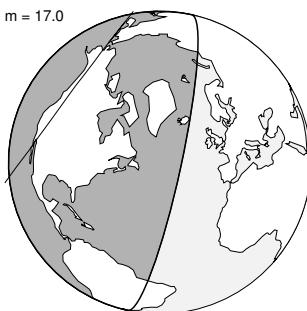
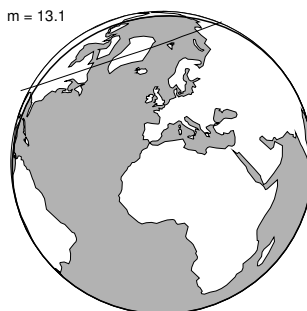
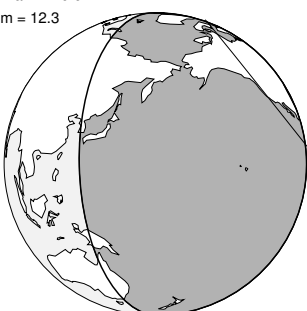
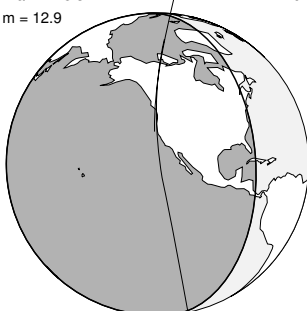
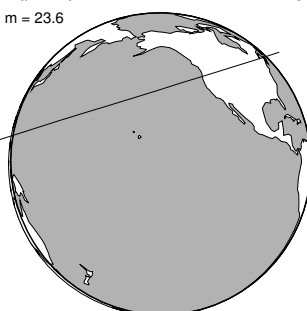
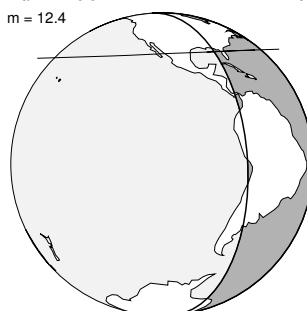
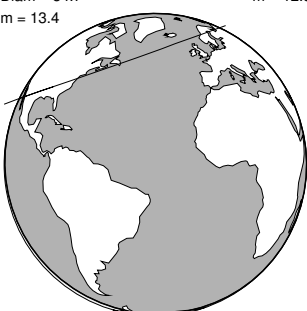
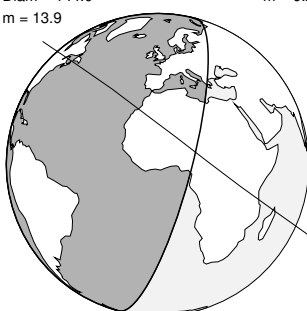
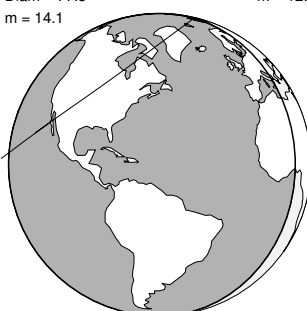
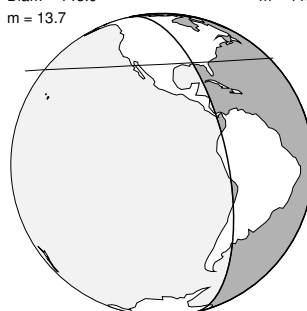
Occultations by major and minor planets – 2027

Region 1

2027 oct 14 22h46.4m A27_10074 275 Sappientia UCAC4 343–123533 Diam = 103.0 m = 12.4 m = 14.6  Dur = 3.6s Dmag = 2.3 Sun: 67° Moon: 105°	2027 oct 15 0h51.9m B27_10006 469442 2002GG166 UCAC4 304–260546 Diam = 94.2 m = 13.7 m = 20.1  Dur = 8.9s Dmag = 6.4 Sun: 90° Moon: 84°	2027 oct 16 22h58.1m A27_10024 95 Arethusa TYC 5701–00514–1 Diam = 145.0 m = 10.4 m = 13.6  Dur = 6.8s Dmag = 3.3 Sun: 79° Moon: 116°	2027 oct 19 0h41.2m A27_10067 241 Germania UCAC4 347–149987 Diam = 169.0 m = 11.1 m = 13.2  Dur = 6.6s Dmag = 2.2 Sun: 73° Moon: 148°
2027 oct 19 6h12.6m A27_10029 106 Dione HIP 35820 Diam = 146.9 m = 9.6 m = 12.7  Dur = 11.4s Dmag = 3.2 Sun: 96° Moon: 38°	2027 oct 19 11h18.4m A27_10030 106 Dione TYC 1909–00941–1 Diam = 146.9 m = 9.9 m = 12.7  Dur = 11.4s Dmag = 2.9 Sun: 96° Moon: 35°	2027 oct 20 13h45.1m A27_10175 1467 Mashona PPMX 3130893 Diam = 112.0 m = 12.4 m = 14.8  Dur = 11.9s Dmag = 2.6 Sun: 99° Moon: 24°	2027 oct 21 9h49.2m A27_10051 168 Sibylla TYC 0828–00771–1 Diam = 154.0 m = 12.0 m = 14.3  Dur = 5.3s Dmag = 2.5 Sun: 61° Moon: 46°
2027 oct 25 5h13.2m A27_10055 205 Martha UCAC5 495–001222 Diam = 83.5 m = 12.4 m = 13.0  Dur = 7.4s Dmag = 1.1 Sun: 163° Moon: 139°	2027 oct 25 11h23.4m A27_10031 106 Dione UCAC4 573–040267 Diam = 146.9 m = 11.5 m = 12.7  Dur = 14.3s Dmag = 1.5 Sun: 101° Moon: 48°	2027 oct 25 13h42.0m A27_10147 799 Gudula TYC 1363–02207–1 Diam = 46.5 m = 11.7 m = 15.2  Dur = 3.0s Dmag = 3.5 Sun: 92° Moon: 40°	2027 oct 26 23h41.1m A27_10118 554 Peraga TYC 6842–01591–1 Diam = 98.5 m = 10.2 m = 14.4  Dur = 3.1s Dmag = 4.2 Sun: 58° Moon: 92°
2027 oct 27 1h59.7m A27_10167 1107 Lictoria PPMX 12744778 Diam = 81.0 m = 12.2 m = 15.6  Dur = 3.2s Dmag = 3.4 Sun: 69° Moon: 102°	2027 oct 27 23h51.7m B27_10017 2014SC350 UCAC4 409–000183 Diam = 176.2 m = 14.8 m = 23.5  Dur = 8.8s Dmag = 8.7 Sun: 143° Moon: 160°	2027 oct 28 6h41.1m A27_10109 530 Turandot PPMX 6020444 Diam = 89.3 m = 11.7 m = 14.8  Dur = 36.5s Dmag = 3.1 Sun: 121° Moon: 104°	2027 oct 28 9h27.5m A27_10052 175 Andromache TYC 0613–00694–1 Diam = 107.0 m = 10.9 m = 11.8  Dur = 11.8s Dmag = 1.3 Sun: 166° Moon: 175°

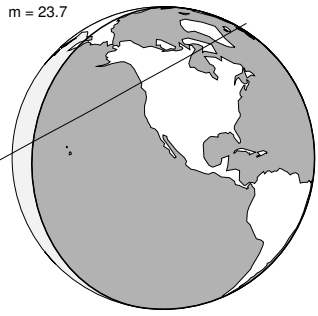
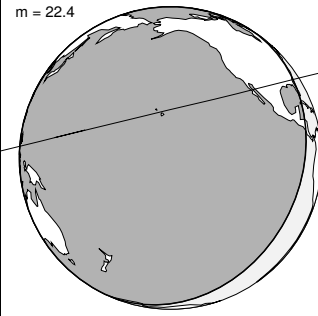
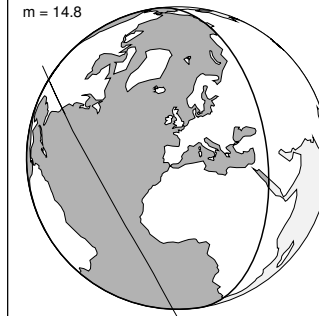
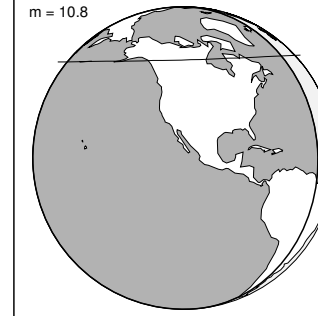
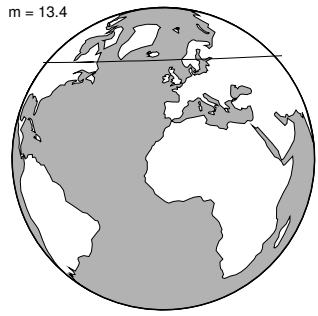
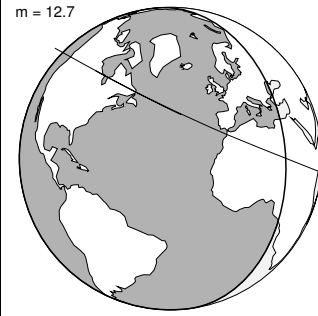
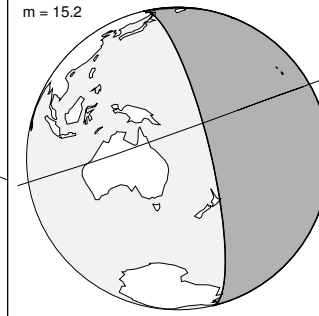
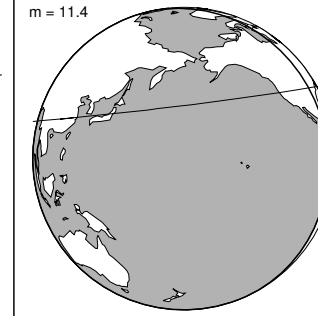
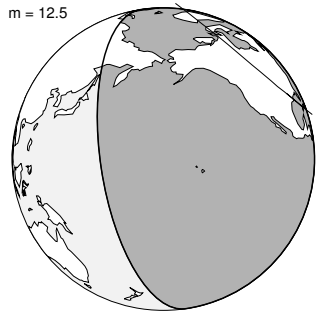
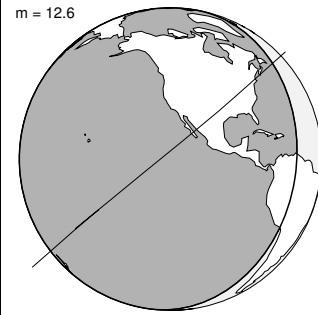
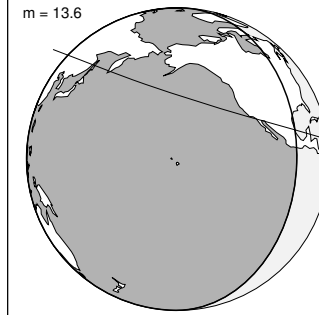
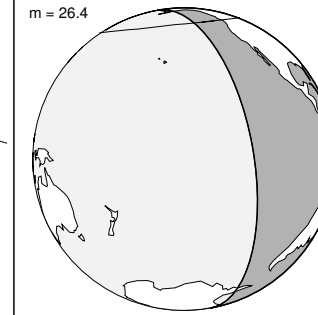
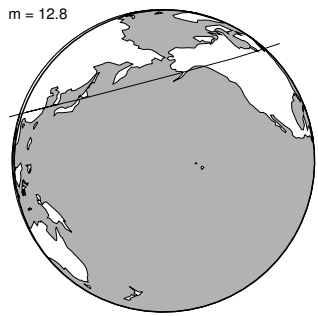
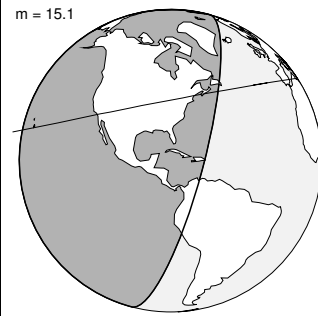
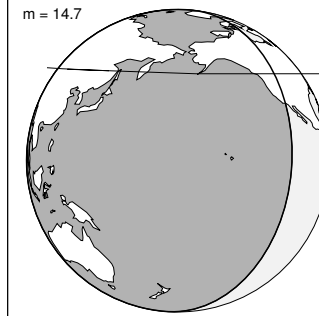
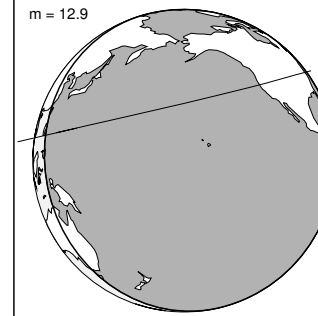
Occultations by major and minor planets – 2027

Region 1

2027 oct 30 1h27.8m A27_10008 11 Parthenope UCAC5 337–170462 Diam = 162.0 m = 12.4 m = 11.2  Dur = 5.9s Dmag = 0.3 Sun: 74° Moon: 68°	2027 oct 30 5h 6.2m A27_10159 921 Jovita UCAC5 487–001310 Diam = 60.5 m = 12.4 m = 15.4  Dur = 4.6s Dmag = 3.1 Sun: 159° Moon: 151°	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 oct 30 23h47.9m A27_10136 704 Interamnia UCAC4 390–122435 Diam = 333.0 m = 11.8 m = 11.7  Dur = 14.2s Dmag = 0.7 Sun: 76° Moon: 60°
2027 oct 31 4h56.1m A27_10099 480 Hansa UCAC4 578–004158 Diam = 58.0 m = 12.2 m = 11.9  Dur = 4.2s Dmag = 0.6 Sun: 167° Moon: 157°	2027 oct 31 6h56.5m A27_10086 354 Eleonora TYC 5298–00006–1 Diam = 162.0 m = 11.5 m = 10.6  Dur = 12.7s Dmag = 0.4 Sun: 152° Moon: 145°	2027 oct 31 8h44.1m A27_10170 1208 Troilus UCAC4 702–048440 Diam = 111.0 m = 12.5 m = 17.0  Dur = 6.0s Dmag = 4.5 Sun: 98° Moon: 120°	2027 oct 31 23h11.2m A27_10171 1240 Centenaria TYC 1762–02268–1 Diam = 60.5 m = 12.2 m = 13.1  Dur = 6.0s Dmag = 1.3 Sun: 163° Moon: 147°
2027 nov 1 8h32.1m A27_11121 914 Palisana TYC 2213–00766–1 Diam = 79.0 m = 11.4 m = 12.3  Dur = 5.8s Dmag = 1.3 Sun: 120° Moon: 95°	2027 nov 1 11h25.8m A27_11018 66 Maja TYC 1870–01631–1 Diam = 78.3 m = 9.6 m = 12.9  Dur = 47.9s Dmag = 3.3 Sun: 130° Moon: 166°	2027 nov 2 8h53.3m B27_11016 2013RU156 UCAC4 497–002400 Diam = 101.4 m = 13.4 m = 23.6  Dur = 4.3s Dmag = 10.2 Sun: 168° Moon: 123°	2027 nov 3 22h55.5m A27_11010 19 Fortuna UCAC4 341–146245 Diam = 149.0 m = 10.0 m = 12.4  Dur = 4.4s Dmag = 2.5 Sun: 55° Moon: 9°
2027 nov 6 1h31.2m A27_11054 269 Justitia UCAC4 481–003218 Diam = 54.7 m = 12.3 m = 13.4  Dur = 4.3s Dmag = 1.4 Sun: 168° Moon: 84°	2027 nov 6 5h10.0m A27_11077 489 Comacina TYC 0193–00235–1 Diam = 144.0 m = 9.2 m = 13.9  Dur = 14.8s Dmag = 4.7 Sun: 102° Moon: 162°	2027 nov 6 5h32.3m A27_11132 1264 Letaba UCAC4 539–009418 Diam = 77.5 m = 12.4 m = 14.1  Dur = 5.0s Dmag = 1.9 Sun: 153° Moon: 117°	2027 nov 6 22h58.7m A27_11024 95 Arethusa UCAC4 392–106788 Diam = 145.0 m = 11.8 m = 13.7  Dur = 5.0s Dmag = 2.1 Sun: 64° Moon: 34°

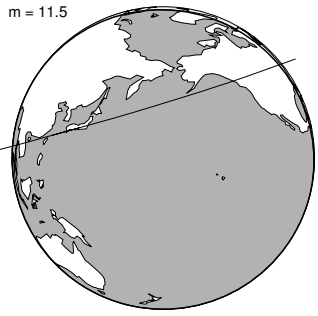
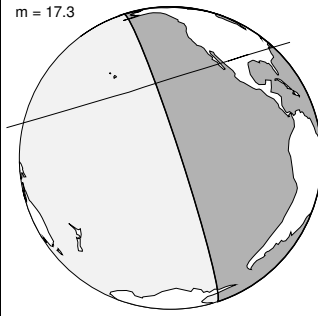
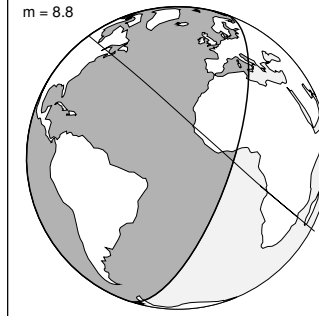
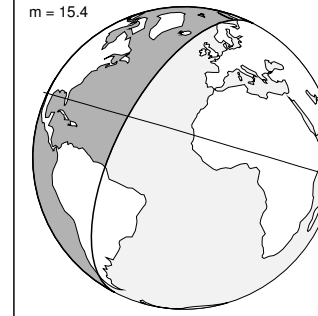
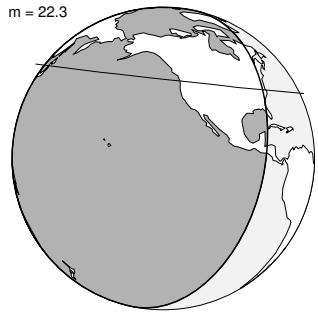
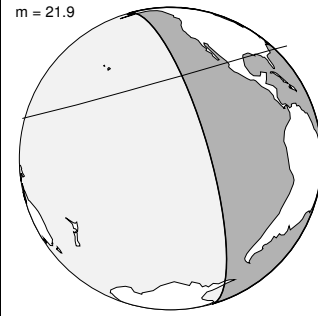
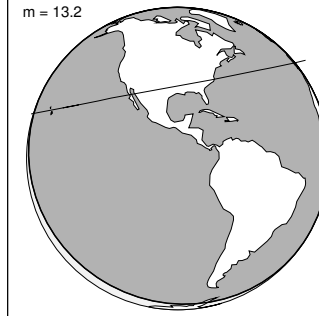
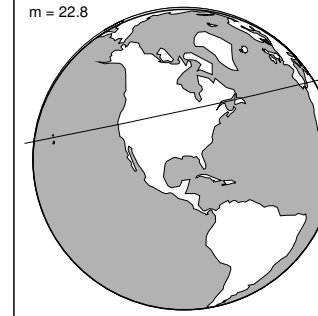
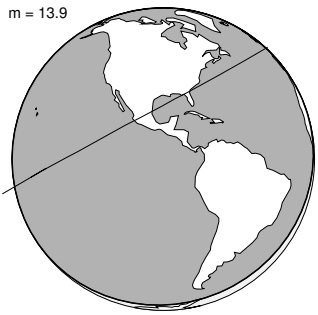
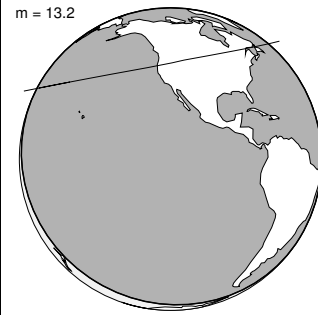
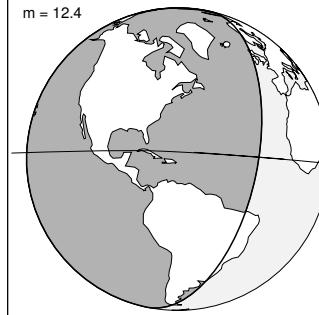
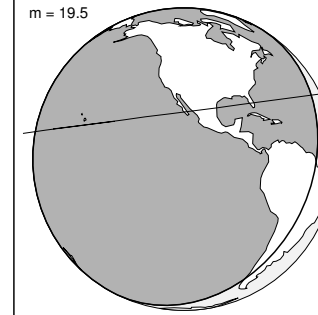
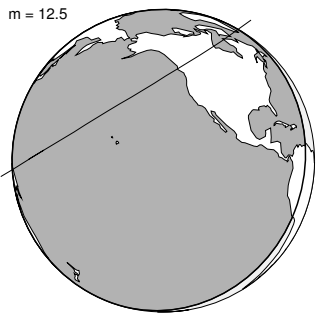
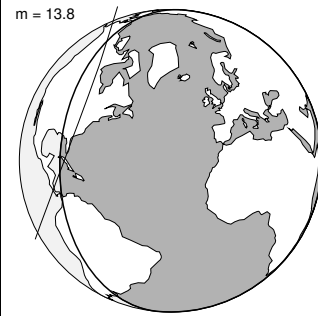
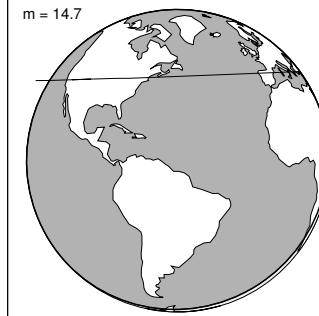
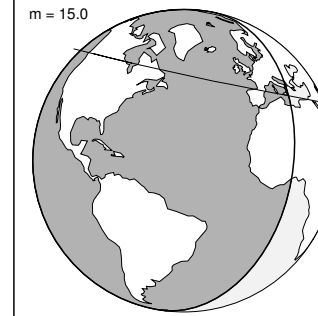
Occultations by major and minor planets – 2027

Region 1

2027 nov 7 5h18.4m B27_11002 91554 1999RZ215 UCAC4 565–001493 Diam = 132.4 m = 13.9 m = 23.7  Dur = 6.0s Dmag = 9.8 Sun: 150° Moon: 56°	2027 nov 7 11h42.5m B27_11018 2014RN74 UCAC4 464–007120 Diam = 112.7 m = 13.2 m = 22.4  Dur = 5.2s Dmag = 9.2 Sun: 149° Moon: 101°	2027 nov 8 3h38.0m A27_11130 1093 Freda TYC 2928–00766–1 Diam = 120.0 m = 12.3 m = 14.8  Dur = 9.6s Dmag = 2.6 Sun: 126° Moon: 120°	2027 nov 9 9h 6.8m A27_11012 21 Lutetia UCAC4 555–011460 Diam = 99.5 m = 11.9 m = 10.8  Dur = 11.5s Dmag = 0.3 Sun: 152° Moon: 85°
2027 nov 10 0h18.1m A27_11129 1087 Arabis TYC 1230–00635–1 Diam = 40.8 m = 11.8 m = 13.4  Dur = 3.4s Dmag = 1.8 Sun: 175° Moon: 50°	2027 nov 10 4h47.9m A27_11019 66 Maja UCAC4 590–022177 Diam = 78.3 m = 12.4 m = 12.7  Dur = 24.5s Dmag = 0.9 Sun: 139° Moon: 88°	2027 nov 10 6h47.6m B27_11003 134340 Pluto UCAC4 332–206620 Diam = 2376.6 m = 13.6 m = 15.2  Dur = 198.8s Dmag = 1.8 Sun: 77° Moon: 57°	2027 nov 10 13h 5.9m A27_11035 135 Hertha UCAC4 576–010708 Diam = 82.0 m = 10.1 m = 11.4  Dur = 8.1s Dmag = 1.6 Sun: 161° Moon: 62°
2027 nov 11 6h28.6m A27_11122 914 Palisana PPMX 5702142 Diam = 79.0 m = 12.4 m = 12.5  Dur = 5.2s Dmag = 0.8 Sun: 114° Moon: 37°	2027 nov 11 10h 6.3m A27_11101 694 Ekard UCAC4 526–012806 Diam = 92.7 m = 12.2 m = 12.6  Dur = 8.8s Dmag = 1.0 Sun: 146° Moon: 67°	2027 nov 12 12h47.2m A27_11106 752 Sulamitis TYC 1311–00950–1 Diam = 65.7 m = 8.3 m = 13.6  Dur = 14.1s Dmag = 5.3 Sun: 141° Moon: 58°	2027 nov 13 2h 2.3m A27_11146 2020KZ54 TYC 6307–02141–1 Diam = 57.5 m = 11.3 m = 26.4  Dur = 3.1s Dmag = 15.1 Sun: 62° Moon: 104°
2027 nov 13 10h30.2m A27_11067 388 Charybdis TYC 1767–00768–1 Diam = 120.0 m = 10.1 m = 12.8  Dur = 9.6s Dmag = 2.8 Sun: 169° Moon: 3°	2027 nov 13 10h43.3m A27_11119 891 Gunhild UCAC5 545–044671 Diam = 53.6 m = 12.4 m = 15.1  Dur = 5.3s Dmag = 2.8 Sun: 102° Moon: 86°	2027 nov 13 14h29.5m A27_11084 522 Helga TYC 1321–00572–1 Diam = 113.0 m = 12.3 m = 14.7  Dur = 15.1s Dmag = 2.5 Sun: 138° Moon: 48°	2027 nov 14 9h11.3m A27_11094 604 Tekmessa TYC 0627–00666–1 Diam = 65.3 m = 11.8 m = 12.9  Dur = 8.6s Dmag = 1.4 Sun: 156° Moon: 26°

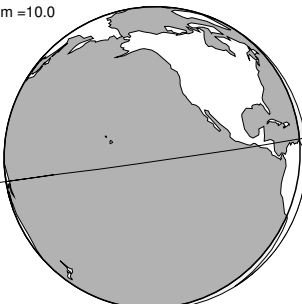
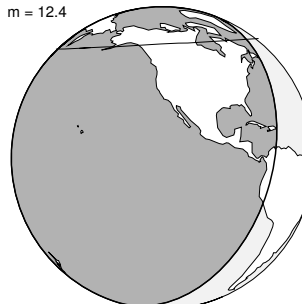
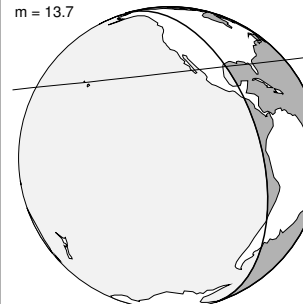
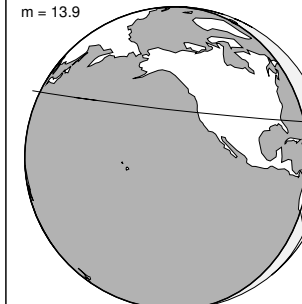
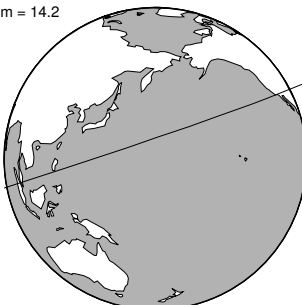
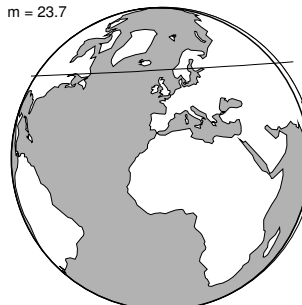
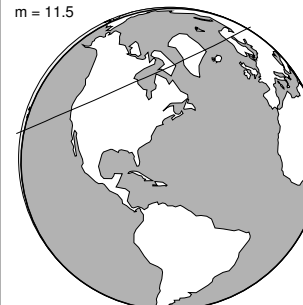
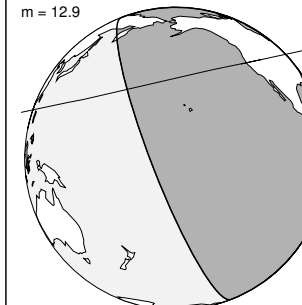
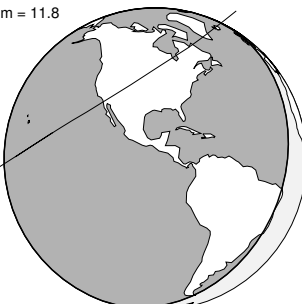
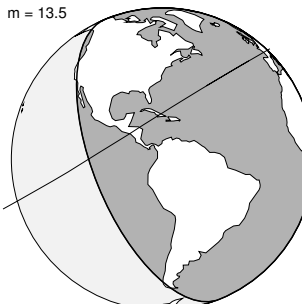
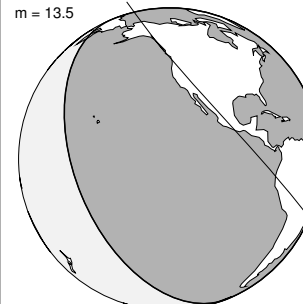
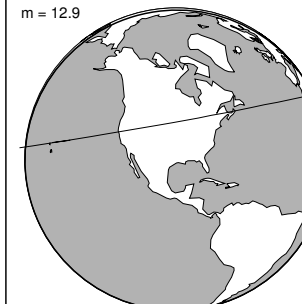
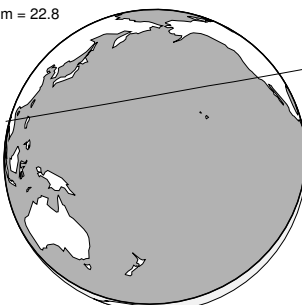
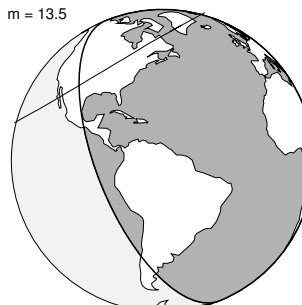
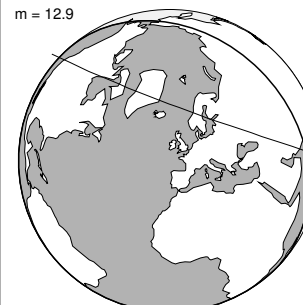
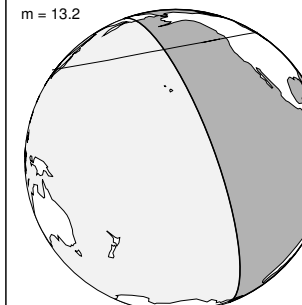
Occultations by major and minor planets – 2027

Region 1

2027 nov 14 12h 7.1m A27_11016 38 Leda UCAC5 599–008951 Diam = 120.0 m = 11.5  Dur = 12.1s Dmag = 0.4 Sun: 167° Moon: 6°	2027 nov 15 2h37.0m A27_11135 1911 Schubart UCAC4 379–162403 Diam = 83.0 m = 11.6 m = 17.3  Dur = 5.6s Dmag = 5.7 Sun: 86° Moon: 106°	2027 nov 16 5h52.8m A27_11002 3 Juno TYC 0185–01151–1 Diam = 257.6 m = 11.6 m = 8.8  Dur = 31.5s Dmag = 0.1 Sun: 110° Moon: 46°	2027 nov 18 9h18.2m A27_11118 866 Fatme PPMX 7247337 Diam = 91.7 m = 12.3 m = 15.4  Dur = 3.1s Dmag = 3.2 Sun: 62° Moon: 62°
2027 nov 19 11h58.9m B27_11015 2012YG12 UCAC4 529–035329 Diam = 166.0 m = 13.7 m = 22.3  Dur = 10.5s Dmag = 8.5 Sun: 132° Moon: 23°	2027 nov 20 1h46.3m B27_11006 523712 2014JS80 UCAC4 355–197800 Diam = 313.3 m = 13.8 m = 21.9  Dur = 24.1s Dmag = 8.0 Sun: 75° Moon: 176°	2027 nov 21 5h18.8m A27_11091 558 Carmen TYC 0058–00401–1 Diam = 61.6 m = 10.6 m = 13.2  Dur = 5.4s Dmag = 2.7 Sun: 161° Moon: 105°	2027 nov 21 5h30.6m B27_11019 2014UF228 UCAC4 597–008734 Diam = 109.6 m = 14.0 m = 22.8  Dur = 4.5s Dmag = 8.8 Sun: 170° Moon: 93°
2027 nov 21 6h29.1m A27_11120 904 Rockefeller TYC 0077–00860–1 Diam = 62.5 m = 10.0 m = 13.9  Dur = 5.0s Dmag = 3.9 Sun: 163° Moon: 88°	2027 nov 21 6h55.9m A27_11090 558 Carmen TYC 0058–00741–1 Diam = 61.6 m = 11.8 m = 13.2  Dur = 5.4s Dmag = 1.7 Sun: 161° Moon: 106°	2027 nov 22 8h26.1m A27_11042 182 Elsa TYC 1371–00633–1 Diam = 45.3 m = 11.2 m = 12.4  Dur = 13.2s Dmag = 1.5 Sun: 121° Moon: 49°	2027 nov 22 9h11.0m B27_11004 229762 Gikunhomdima UCAC4 481–013572 Diam = 851.1 m = 13.6 m = 19.5  Dur = 39.3s Dmag = 6.0 Sun: 147° Moon: 79°
2027 nov 22 10h17.6m A27_11102 694 Ekard UCAC4 517–011065 Diam = 92.7 m = 12.5  Dur = 7.5s Dmag = 0.8 Sun: 158° Moon: 88°	2027 nov 22 22h45.2m A27_11034 132 Aethra PPMX 3758101 Diam = 47.0 m = 11.6 m = 13.8  Dur = 3.2s Dmag = 2.3 Sun: 137° Moon: 145°	2027 nov 23 3h55.6m A27_11134 1558 Jamefelt UCAC4 500–007258 Diam = 68.1 m = 12.1 m = 14.7  Dur = 5.1s Dmag = 2.8 Sun: 167° Moon: 112°	2027 nov 23 5h47.2m A27_11117 861 Aida PPMX 6071260 Diam = 70.1 m = 12.0 m = 15.0  Dur = 9.7s Dmag = 3.1 Sun: 136° Moon: 75°

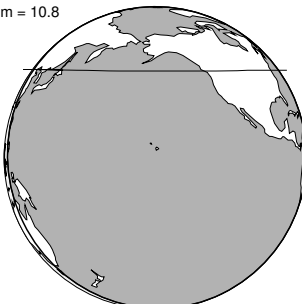
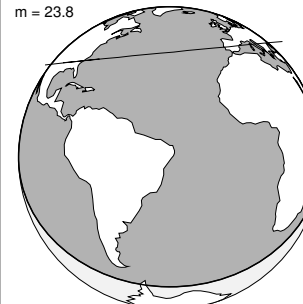
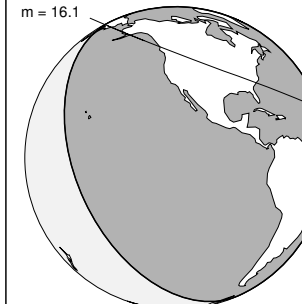
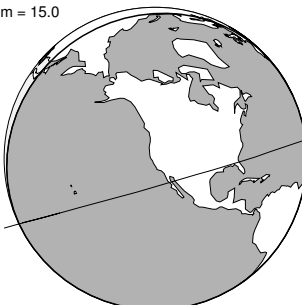
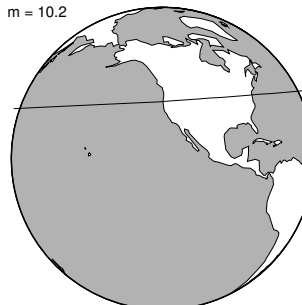
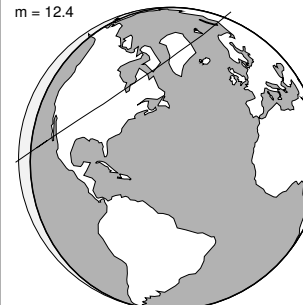
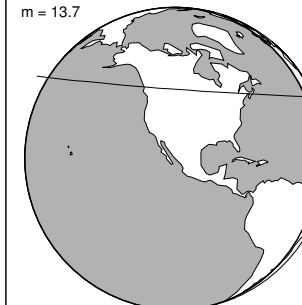
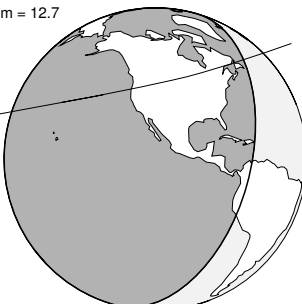
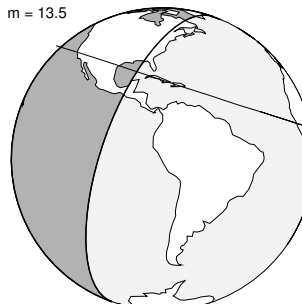
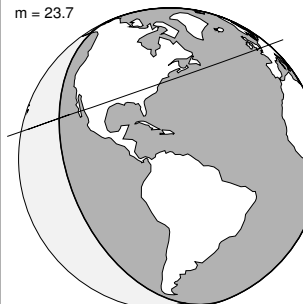
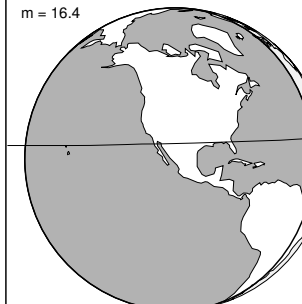
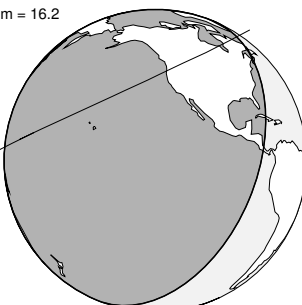
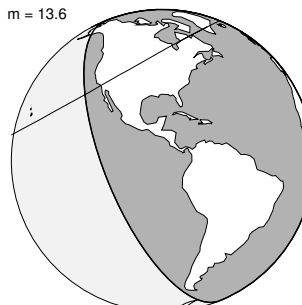
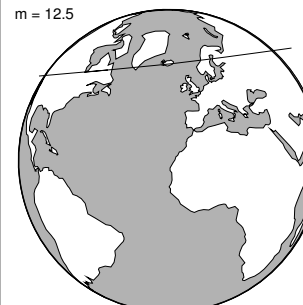
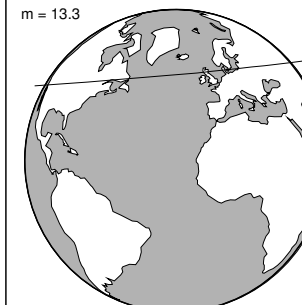
Occultations by major and minor planets – 2027

Region 1

2027 nov 23 10h 8.1m A27_11006 5 Astraea TYC 0697–01824–1 Diam = 125.0 m = 9.4 m = 10.0  Dur = 14.2s Dmag = 1.1 Sun: 161° Moon: 104°	2027 nov 23 10h47.6m A27_11032 129 Antigone UCAC5 509–029639 Diam = 113.0 m = 12.4 m = 12.4  Dur = 13.5s Dmag = 0.7 Sun: 136° Moon: 79°	2027 nov 23 23h26.5m A27_11025 95 Arethusia TYC 5731–02367–1 Diam = 145.0 m = 8.2 m = 13.7  Dur = 4.2s Dmag = 5.6 Sun: 52° Moon: 105°	2027 nov 24 10h52.7m A27_11046 223 Rosa PPMX 5010844 Diam = 90.7 m = 12.4 m = 13.9  Dur = 11.5s Dmag = 1.7 Sun: 151° Moon: 105°
2027 nov 24 12h40.9m A27_11088 552 Sigelinde PPMX 4898064 Diam = 81.0 m = 12.3 m = 14.2  Dur = 5.4s Dmag = 2.0 Sun: 175° Moon: 136°	2027 nov 27 1h 0.4m B27_11012 2004VX130 PPMX 4961071 Diam = 119.7 m = 14.9 m = 23.7  Dur = 4.8s Dmag = 8.8 Sun: 165° Moon: 152°	2027 nov 27 3h32.0m A27_11017 38 Leda UCAC4 594–008575 Diam = 120.0 m = 11.9 m = 11.5  Dur = 11.9s Dmag = 0.6 Sun: 167° Moon: 174°	2027 nov 27 5h11.9m A27_11097 678 Fredegundis TYC 0568–02070–1 Diam = 44.0 m = 10.3 m = 12.9  Dur = 3.0s Dmag = 2.7 Sun: 99° Moon: 111°
2027 nov 27 8h 1.8m A27_11066 345 Tercidina UCAC4 505–022165 Diam = 100.0 m = 12.4 m = 11.8  Dur = 12.8s Dmag = 0.5 Sun: 148° Moon: 138°	2027 nov 28 0h41.5m A27_11080 497 Iva TYC 0004–00455–1 Diam = 45.3 m = 10.6 m = 13.5  Dur = 5.3s Dmag = 2.9 Sun: 117° Moon: 119°	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 nov 28 5h52.4m A27_11055 303 Josephina TYC 2357–00406–1 Diam = 103.0 m = 12.3 m = 12.9  Dur = 8.3s Dmag = 1.1 Sun: 169° Moon: 174°
2027 nov 29 12h 1.9m A27_11144 2012WF37 TYC 0088–00870–1 Diam = 94.2 m = 12.0 m = 22.8  Dur = 3.9s Dmag = 10.8 Sun: 160° Moon: 154°	2027 nov 29 23h43.5m A27_11081 497 Iva TYC 0004–01068–1 Diam = 45.3 m = 11.5 m = 13.5  Dur = 4.9s Dmag = 2.1 Sun: 115° Moon: 94°	2027 nov 30 2h 3.6m A27_11062 328 Gudrun UCAC4 688–042075 Diam = 120.0 m = 11.3 m = 12.9  Dur = 11.9s Dmag = 1.8 Sun: 147° Moon: 159°	2027 nov 30 3h10.3m A27_11051 233 Asterope UCAC4 409–136161 Diam = 108.0 m = 12.2 m = 13.2  Dur = 4.0s Dmag = 1.3 Sun: 74° Moon: 52°

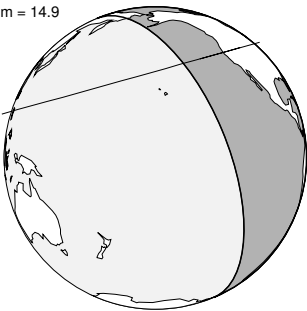
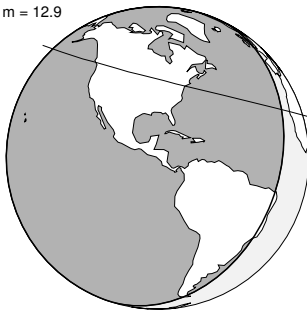
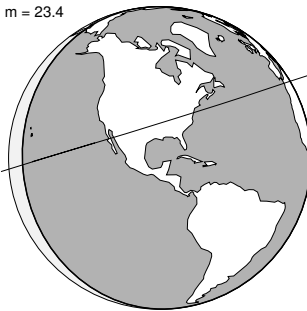
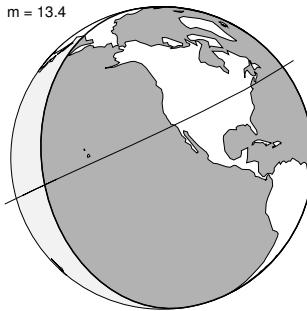
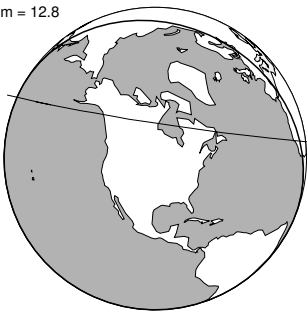
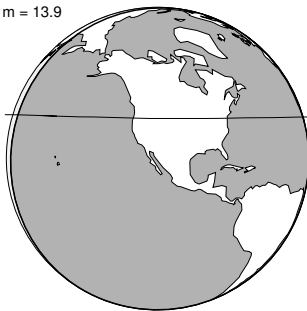
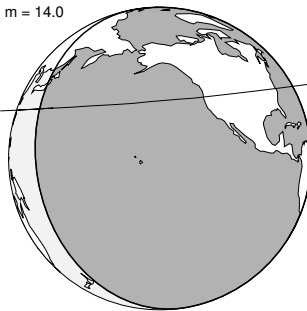
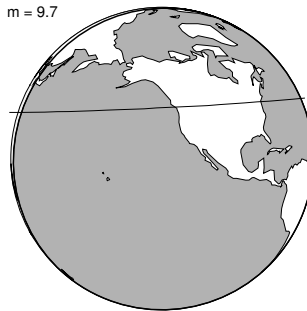
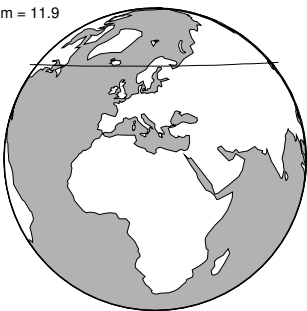
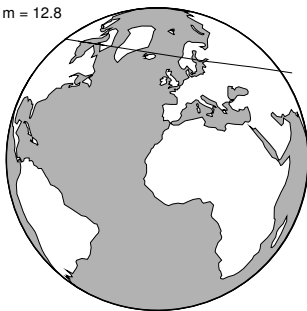
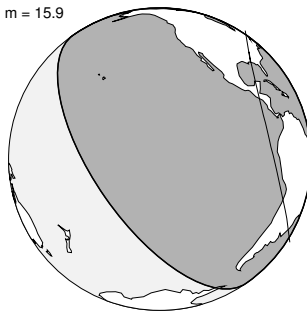
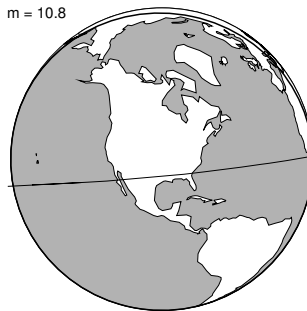
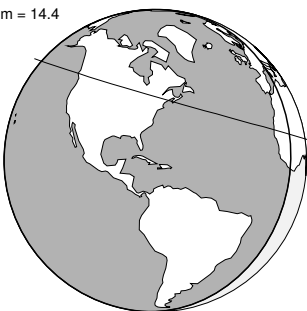
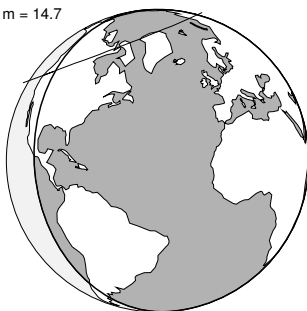
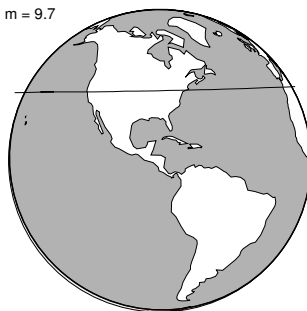
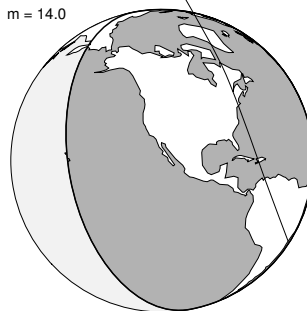
Occultations by major and minor planets – 2027

Region 1

2027 nov 30 9h20.5m A27_11031 128 Nemesis UCAC4 530–006385 Diam = 194.0 m = 12.2 m = 10.8  Dur = 19.8s Dmag = 0.3 Sun: 166° Moon: 140°	2027 dec 1 1h45.9m A27_12118 552 Sigelinde UCAC4 573–008830 Diam = 81.0 m = 12.2 m = 14.3  Dur = 5.5s Dmag = 2.3 Sun: 170° Moon: 138°	2027 dec 1 2h14.4m B27_12016 2014SN403 Gaia 081–0013133 Diam = 217.8 m = 14.9 m = 23.8  Dur = 8.5s Dmag = 8.9 Sun: 148° Moon: 130°	2027 dec 1 4h35.2m A27_12150 806 Gyldeña TYC 0024–00784–1 Diam = 65.2 m = 10.2 m = 16.1  Dur = 9.0s Dmag = 5.9 Sun: 131° Moon: 97°
2027 dec 1 7h 7.7m A27_12126 591 Irmgard TYC 2863–02087–1 Diam = 54.7 m = 11.7 m = 15.0  Dur = 3.9s Dmag = 3.4 Sun: 160° Moon: 135°	2027 dec 1 8h 9.0m A27_12004 21 Lutetia HIP 20897 Diam = 99.5 m = 7.7 m = 10.2  Dur = 8.7s Dmag = 2.6 Sun: 178° Moon: 143°	2027 dec 2 1h41.3m A27_12084 407 Arachne UCAC4 587–006608 Diam = 97.0 m = 12.1 m = 12.4  Dur = 10.4s Dmag = 0.9 Sun: 157° Moon: 114°	2027 dec 2 8h26.4m A27_12052 223 Rosa TYC 1867–00236–1 Diam = 90.7 m = 11.3 m = 13.7  Dur = 9.3s Dmag = 2.5 Sun: 160° Moon: 152°
2027 dec 2 10h51.7m A27_12036 124 Alkeste UCAC5 531–043201 Diam = 79.5 m = 12.5 m = 12.7  Dur = 29.1s Dmag = 0.9 Sun: 128° Moon: 175°	2027 dec 2 12h25.7m A27_12028 105 Artemis TYC 5521–00630–1 Diam = 123.0 m = 10.9 m = 13.5  Dur = 4.0s Dmag = 2.7 Sun: 66° Moon: 115°	2027 dec 3 1h20.5m B27_12010 2003QP91 UCAC5 494–001919 Diam = 128.8 m = 15.0 m = 23.7  Dur = 8.1s Dmag = 8.7 Sun: 132° Moon: 77°	2027 dec 3 8h40.6m A27_12175 1173 Anchises UCAC4 577–027367 Diam = 135.0 m = 12.2 m = 16.4  Dur = 8.5s Dmag = 4.2 Sun: 155° Moon: 145°
2027 dec 3 11h40.4m A27_12174 1172 Aeneas TYC 0778–01057–1 Diam = 151.0 m = 11.5 m = 16.2  Dur = 12.7s Dmag = 4.7 Sun: 132° Moon: 161°	2027 dec 4 1h15.1m A27_12104 497 Iva PPMX 7835190 Diam = 45.3 m = 12.5 m = 13.6  Dur = 4.3s Dmag = 1.4 Sun: 112° Moon: 46°	2027 dec 5 1h29.6m A27_12120 569 Misa UCAC4 574–014907 Diam = 75.6 m = 12.3 m = 12.5  Dur = 9.2s Dmag = 0.9 Sun: 172° Moon: 110°	2027 dec 7 2h 8.6m A27_12123 570 Kythera UCAC4 559–016156 Diam = 106.0 m = 11.9 m = 13.3  Dur = 8.3s Dmag = 1.7 Sun: 171° Moon: 89°

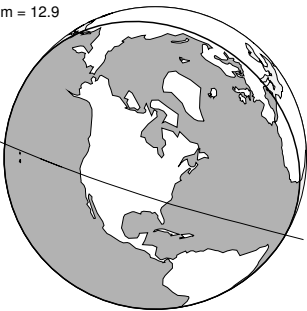
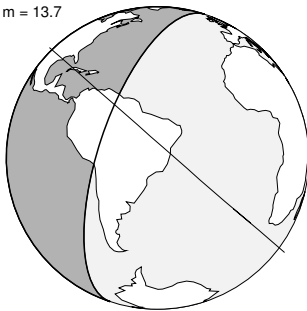
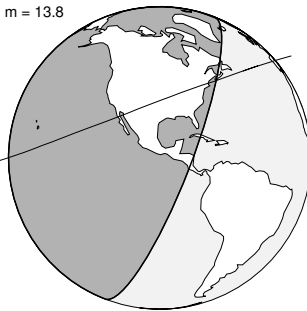
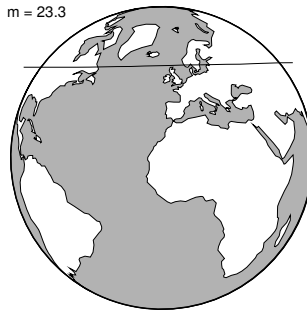
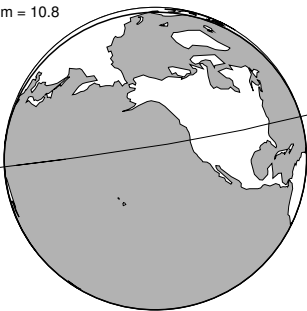
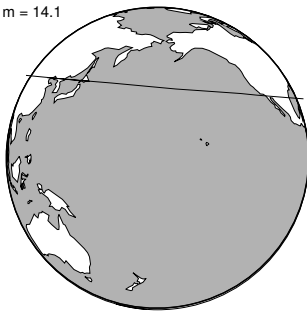
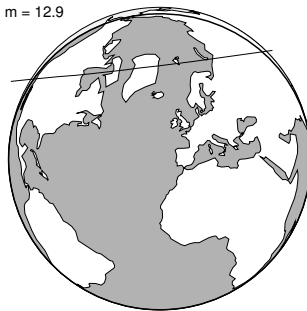
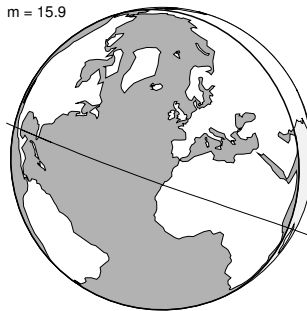
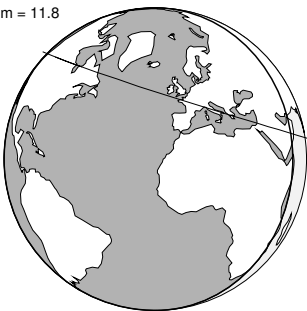
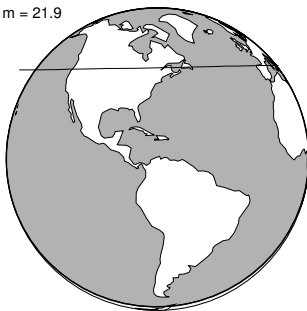
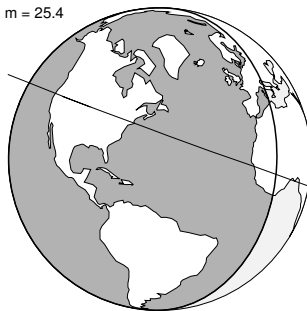
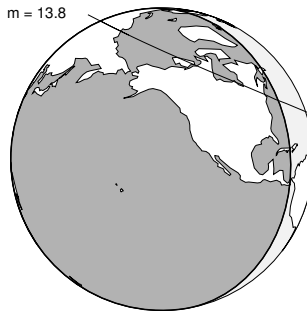
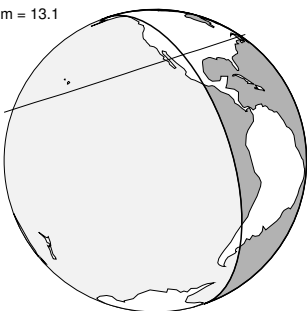
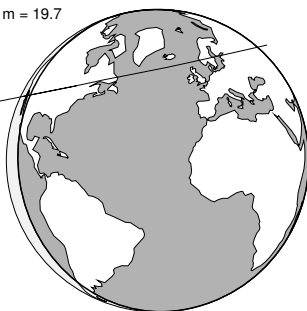
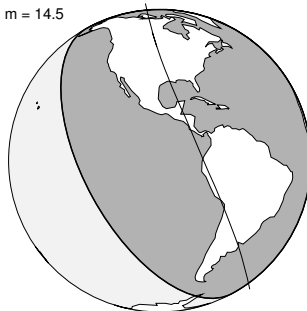
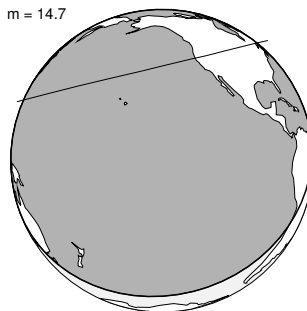
Occultations by major and minor planets – 2027

Region 1

2027 dec 7 2h35.3m A27_12098 466 Tisiphone TYC 5191–01377–1 Diam = 121.0 m = 11.1 m = 14.9  Dur = 4.2s Dmag = 3.8 Sun: 61° Moon: 39°	2027 dec 7 8h 7.8m A27_12100 479 Caprera UCAC4 515–040416 Diam = 77.5 m = 11.8 m = 12.9  Dur = 14.3s Dmag = 1.4 Sun: 143° Moon: 113°	2027 dec 8 4h10.2m B27_12013 2011UD412 Gaia 113–0012778 Diam = 173.8 m = 14.2 m = 23.4  Dur = 7.6s Dmag = 9.2 Sun: 155° Moon: 44°	2027 dec 8 5h28.0m A27_12081 388 Charybdis PPMX 5852347 Diam = 120.0 m = 12.5 m = 13.4  Dur = 17.0s Dmag = 1.3 Sun: 142° Moon: 31°
2027 dec 8 7h 9.0m A27_12068 328 Gudrun UCAC4 690–040452 Diam = 120.0 m = 12.5 m = 12.8  Dur = 10.9s Dmag = 0.9 Sun: 152° Moon: 78°	2027 dec 9 6h17.5m A27_12151 845 Naema UCAC4 595–011172 Diam = 57.5 m = 11.9 m = 13.9  Dur = 4.5s Dmag = 2.2 Sun: 165° Moon: 43°	2027 dec 9 7h11.9m A27_12170 1087 Arabis UCAC4 556–004760 Diam = 40.8 m = 12.2 m = 14.0  Dur = 5.9s Dmag = 2.0 Sun: 144° Moon: 20°	2027 dec 9 7h58.8m A27_12072 349 Dembowska TYC 1827–00680–1 Diam = 143.0 m = 12.1 m = 9.7  Dur = 12.4s Dmag = 0.1 Sun: 167° Moon: 45°
2027 dec 9 22h55.0m A27_12015 66 Maja UCAC4 593–019205 Diam = 78.3 m = 10.8 m = 11.9  Dur = 8.9s Dmag = 1.5 Sun: 172° Moon: 53°	2027 dec 10 1h 1.4m A27_12142 752 Sulamitis TYC 1308–01820–1 Diam = 65.7 m = 11.0 m = 12.8  Dur = 6.4s Dmag = 2.0 Sun: 174° Moon: 52°	2027 dec 11 5h10.0m A27_12176 1191 Alfaterna TYC 5279–01625–1 Diam = 45.6 m = 10.5 m = 15.9  Dur = 6.1s Dmag = 5.4 Sun: 116° Moon: 40°	2027 dec 11 6h25.6m A27_12020 78 Diana PPMX 3033574 Diam = 116.0 m = 11.8 m = 10.8  Dur = 13.4s Dmag = 0.4 Sun: 164° Moon: 36°
2027 dec 11 6h47.8m A27_12133 638 Moira UCAC4 557–037279 Diam = 68.0 m = 11.6 m = 14.4  Dur = 6.1s Dmag = 2.8 Sun: 153° Moon: 58°	2027 dec 11 23h54.5m A27_12137 642 Clara TYC 1771–01369–1 Diam = 40.0 m = 12.1 m = 14.7  Dur = 5.0s Dmag = 2.7 Sun: 144° Moon: 13°	2027 dec 12 5h 7.7m A27_12002 5 Astraea UCAC4 520–008954 Diam = 125.0 m = 12.0 m = 9.7  Dur = 12.7s Dmag = 0.1 Sun: 168° Moon: 18°	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°

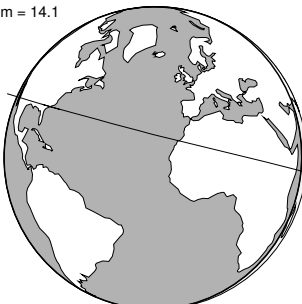
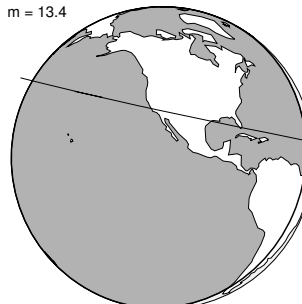
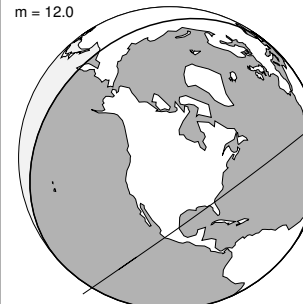
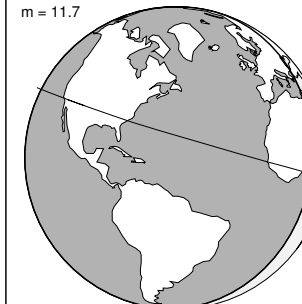
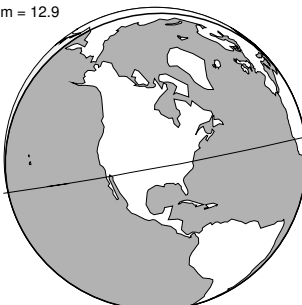
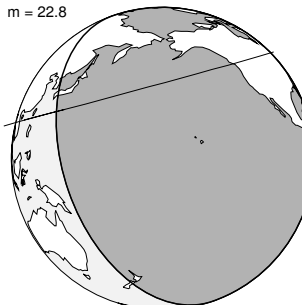
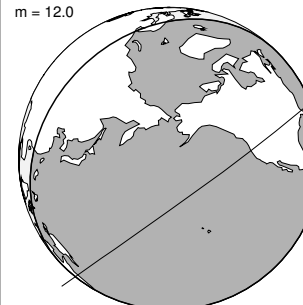
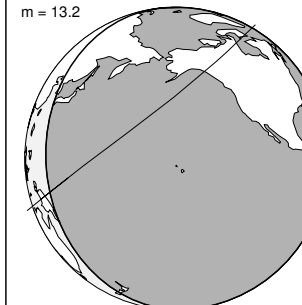
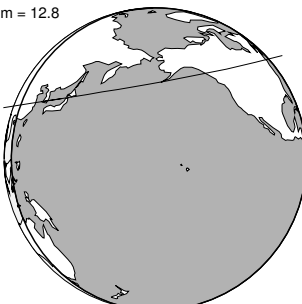
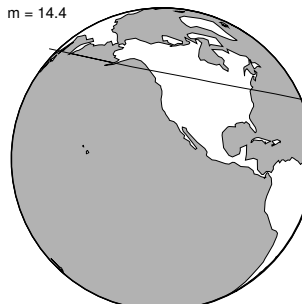
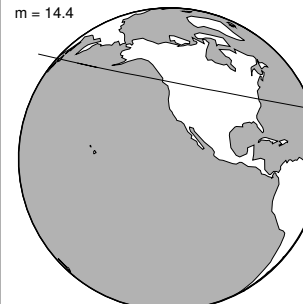
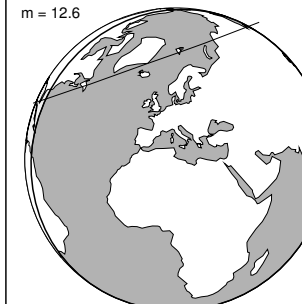
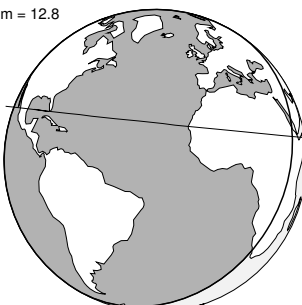
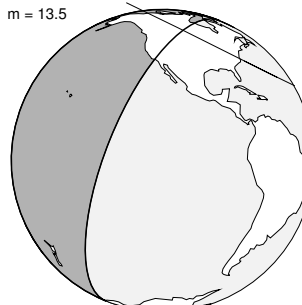
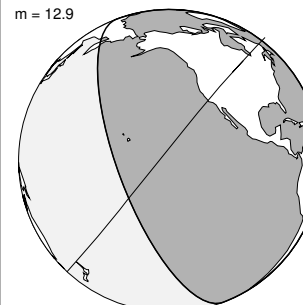
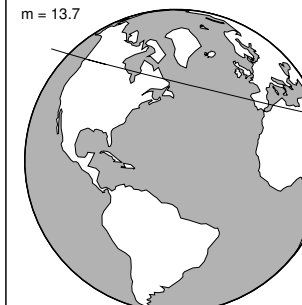
Occultations by major and minor planets – 2027

Region 1

2027 dec 14 6h44.7m A27_12172 1116 Catriona UCAC4 707-042911 Diam = 40.7 m = 11.7 m = 12.9  Dur = 5.1s Dmag = 1.5 Sun: 148° Moon: 26°	2027 dec 14 10h 3.5m A27_12090 426 Hippo UCAC4 362-062420 Diam = 134.0 m = 12.4 m = 13.7  Dur = 4.3s Dmag = 1.6 Sun: 66° Moon: 104°	2027 dec 14 11h54.0m A27_12168 1021 Flammario TYC 0853-00325-1 Diam = 103.0 m = 10.6 m = 13.8  Dur = 9.4s Dmag = 3.3 Sun: 101° Moon: 67°	2027 dec 15 1h 1.2m B27_12007 1998WV24 UCAC4 560-020414 Diam = 138.0 m = 13.1 m = 23.3  Dur = 5.4s Dmag = 10.3 Sun: 174° Moon: 14°
2027 dec 15 9h17.1m A27_12022 78 Diana UCAC4 640-024629 Diam = 116.0 m = 12.3 m = 10.8  Dur = 13.1s Dmag = 0.2 Sun: 165° Moon: 27°	2027 dec 16 11h46.6m A27_12114 530 Turandot PPMX 6965581 Diam = 89.3 m = 12.5 m = 14.1  Dur = 6.0s Dmag = 1.8 Sun: 171° Moon: 38°	2027 dec 17 1h 2.6m A27_12107 516 Amherstia UCAC4 651-031989 Diam = 75.7 m = 12.2 m = 12.9  Dur = 4.9s Dmag = 1.2 Sun: 163° Moon: 48°	2027 dec 17 2h41.7m A27_12185 2453 Wabash UCAC4 635-041201 Diam = 45.7 m = 12.4 m = 15.9  Dur = 3.9s Dmag = 3.6 Sun: 152° Moon: 28°
2027 dec 17 2h54.5m A27_12032 106 Dione TYC 1918-00211-1 Diam = 146.9 m = 11.4 m = 11.8  Dur = 14.1s Dmag = 1.0 Sun: 155° Moon: 23°	2027 dec 17 4h54.0m B27_12004 160427 2005RL43 UCAC4 505-015034 Diam = 108.1 m = 13.1 m = 21.9  Dur = 4.4s Dmag = 8.8 Sun: 167° Moon: 48°	2027 dec 17 6h40.3m A27_12199 2018AD39 TYC 1947-00918-1 Diam = 239.9 m = 12.0 m = 25.4  Dur = 11.4s Dmag = 13.3 Sun: 140° Moon: 15°	2027 dec 19 11h33.0m A27_12067 312 Pierretta TYC 2473-00607-1 Diam = 51.0 m = 10.8 m = 13.8  Dur = 4.5s Dmag = 3.1 Sun: 147° Moon: 51°
2027 dec 20 0h 2.1m A27_12009 28 Bellona Gaia 075-0288076 Diam = 126.0 m = 8.7 m = 13.1  Dur = 4.2s Dmag = 4.4 Sun: 59° Moon: 154°	2027 dec 20 0h17.7m A27_12191 44594 1999OX3 UCAC4 559-008899 Diam = 160.7 m = 12.0 m = 19.7  Dur = 8.2s Dmag = 7.7 Sun: 157° Moon: 108°	2027 dec 20 2h43.9m A27_12138 653 Berenike TYC 4689-00010-1 Diam = 43.3 m = 11.3 m = 14.5  Dur = 8.2s Dmag = 3.3 Sun: 120° Moon: 141°	2027 dec 20 9h53.1m A27_12165 978 Aidamina TYC 4789-01506-1 Diam = 82.5 m = 10.5 m = 14.7  Dur = 5.5s Dmag = 4.2 Sun: 152° Moon: 81°

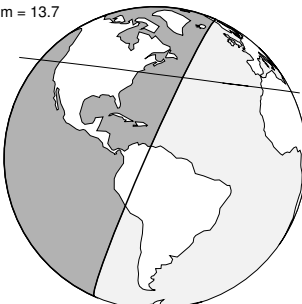
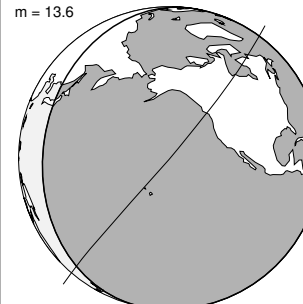
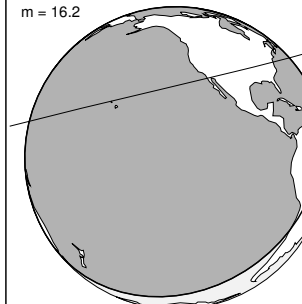
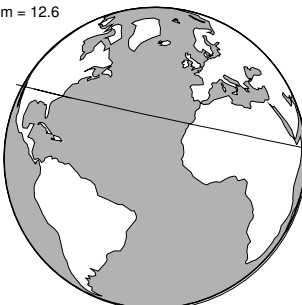
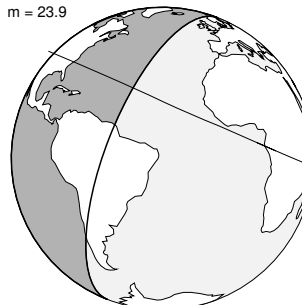
Occultations by major and minor planets – 2027

Region 1

2027 dec 21 2h31.6m A27_12134 638 Moira TYC 1356–00213–1 Diam = 68.0 m = 10.7 m = 14.1  Dur = 5.1s Dmag = 3.5 Sun: 165° Moon: 84°	2027 dec 21 9h 1.1m A27_12093 442 Eichsfeldia UCAC4 534–039345 Diam = 67.5 m = 12.4 m = 13.4  Dur = 6.8s Dmag = 1.3 Sun: 160° Moon: 83°	2027 dec 22 5h 7.1m A27_12019 71 Niobe PPMX 2079430 Diam = 87.3 m = 12.1 m = 12.0  Dur = 5.7s Dmag = 0.7 Sun: 147° Moon: 128°	2027 dec 22 5h35.0m A27_12045 182 Elsa TYC 1374–00132–1 Diam = 45.3 m = 11.4 m = 11.7  Dur = 7.2s Dmag = 0.9 Sun: 153° Moon: 87°
2027 dec 22 5h43.0m A27_12108 516 Amherstia TYC 2913–00679–1 Diam = 75.7 m = 11.4 m = 12.9  Dur = 4.9s Dmag = 1.8 Sun: 162° Moon: 120°	2027 dec 22 8h 1.3m B27_12012 2010TL182 UCAC5 519–004041 Diam = 203.2 m = 14.9 m = 22.8  Dur = 13.5s Dmag = 7.9 Sun: 131° Moon: 162°	2027 dec 22 9h45.6m A27_12018 71 Niobe TYC 3337–01429–1 Diam = 87.3 m = 11.0 m = 12.0  Dur = 5.7s Dmag = 1.4 Sun: 147° Moon: 130°	2027 dec 25 8h17.9m A27_12117 539 Pamina TYC 1813–00056–1 Diam = 55.3 m = 10.9 m = 13.2  Dur = 8.6s Dmag = 2.4 Sun: 149° Moon: 178°
2027 dec 25 9h56.2m A27_12122 569 Misa UCAC5 571–012453 Diam = 75.6 m = 12.4 m = 12.8  Dur = 10.5s Dmag = 1.0 Sun: 162° Moon: 169°	2027 dec 26 8h34.8m A27_12155 861 Aida Gaia 110–0051594 Diam = 70.1 m = 12.4 m = 14.4  Dur = 4.7s Dmag = 2.1 Sun: 174° Moon: 157°	2027 dec 26 8h34.9m A27_12154 861 Aida UCAC4 549–030148 Diam = 70.1 m = 12.5 m = 14.4  Dur = 4.7s Dmag = 2.1 Sun: 174° Moon: 157°	2027 dec 26 22h 4.2m A27_12044 165 Loreley TYC 2393–00018–1 Diam = 160.0 m = 11.3 m = 12.6  Dur = 11.3s Dmag = 1.6 Sun: 161° Moon: 171°
2027 dec 27 3h52.0m A27_12055 236 Honoria TYC 0794–00314–1 Diam = 90.5 m = 10.6 m = 12.8  Dur = 8.4s Dmag = 2.3 Sun: 150° Moon: 142°	2027 dec 27 15h 4.7m A27_12057 250 Bettina UCAC4 411–056406 Diam = 85.5 m = 12.2 m = 13.5  Dur = 3.2s Dmag = 1.6 Sun: 67° Moon: 66°	2027 dec 28 4h23.9m A27_12127 599 Luisa TYC 0624–01071–1 Diam = 69.6 m = 11.1 m = 12.9  Dur = 6.4s Dmag = 2.0 Sun: 110° Moon: 106°	2027 dec 29 3h48.5m A27_12135 638 Moira PPMX 6061626 Diam = 68.0 m = 11.9 m = 13.7  Dur = 4.8s Dmag = 2.0 Sun: 175° Moon: 170°

Occultations by major and minor planets – 2027

Region 1

2027 dec 29 10h47.7m A27_12125 579 Sidonia UCAC4 482-052045 Diam = 89.6 m = 11.8 m = 13.7  Dur = 5.0s Dmag = 2.1 Sun: 86° Moon: 104°	2027 dec 30 0h42.3m A27_12006 23 Thalia PPMX 4109551 Diam = 111.0 m = 12.5 m = 9.4  Dur = 15.2s Dmag = 0.1 Sun: 156° Moon: 167°	2027 dec 30 7h29.8m A27_12129 606 Brangäne TYC 2362-00580-1 Diam = 40.0 m = 11.4 m = 13.6  Dur = 6.3s Dmag = 2.3 Sun: 146° Moon: 121°	2027 dec 30 9h55.0m A27_12189 4709 Ennomos TYC 4832-00058-1 Diam = 69.2 m = 11.2 m = 16.2  Dur = 3.9s Dmag = 5.1 Sun: 151° Moon: 158°
2027 dec 31 2h18.1m A27_12066 306 Unitas UCAC4 527-037094 Diam = 49.2 m = 11.0 m = 12.6  Dur = 3.7s Dmag = 1.8 Sun: 170° Moon: 150°	2027 dec 31 9h38.1m B27_12020 2019GJ196 UCAC4 407-057695 Diam = 153.5 m = 13.7 m = 23.9  Dur = 10.4s Dmag = 10.2 Sun: 67° Moon: 107°		