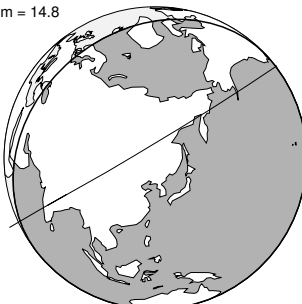
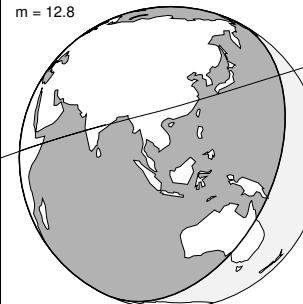
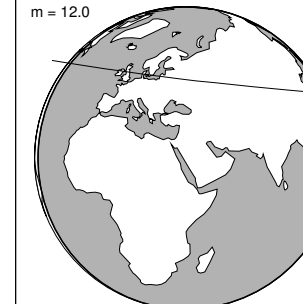
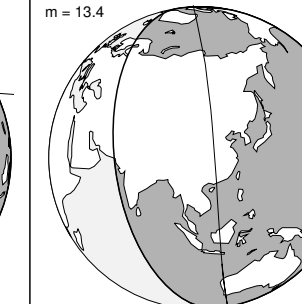
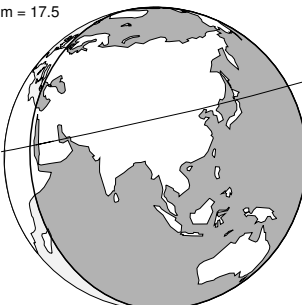
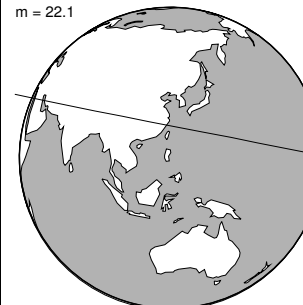
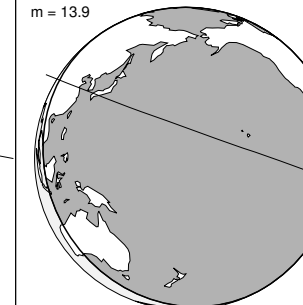
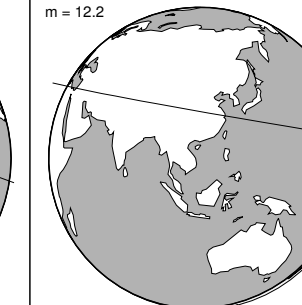
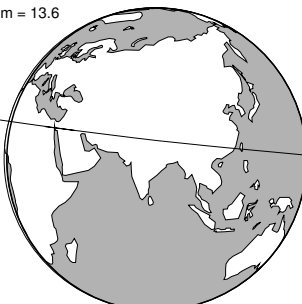
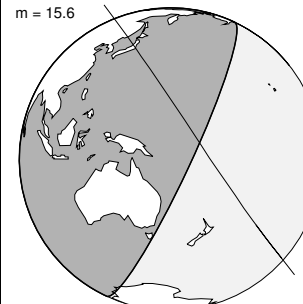
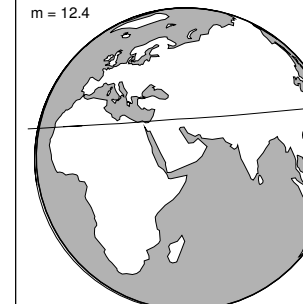
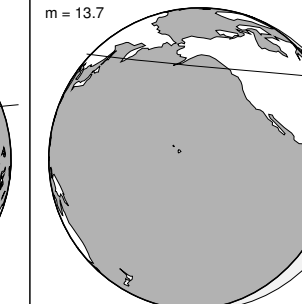
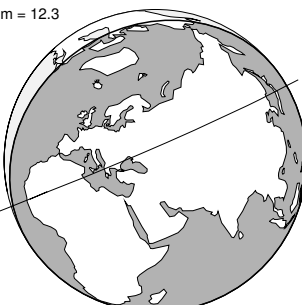
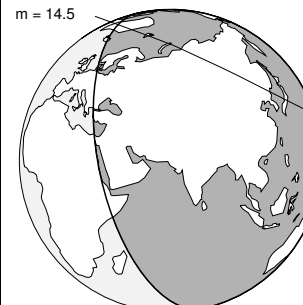
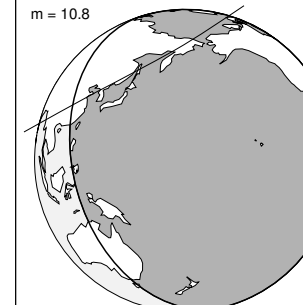
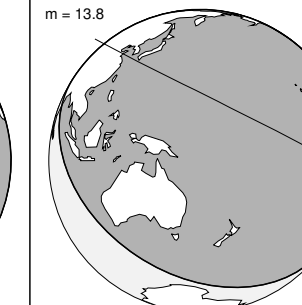


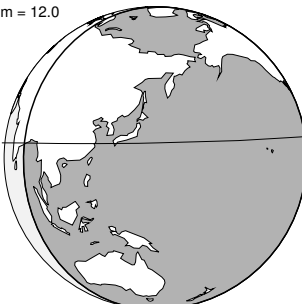
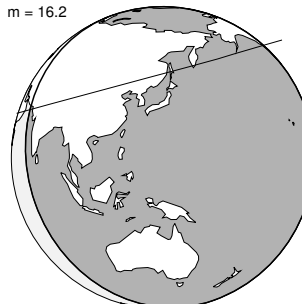
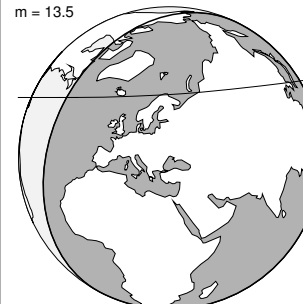
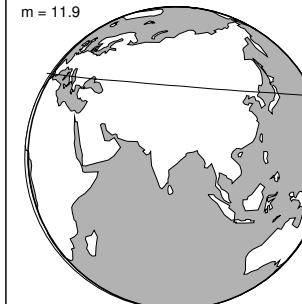
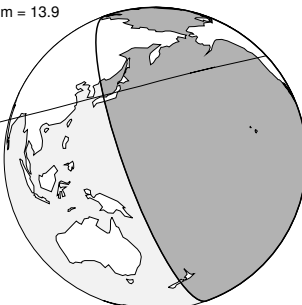
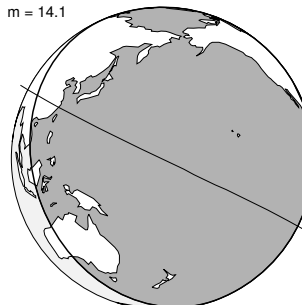
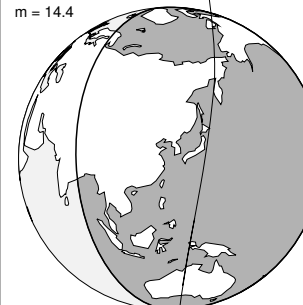
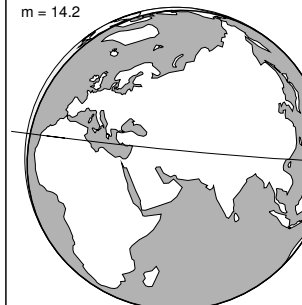
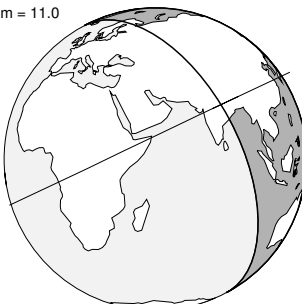
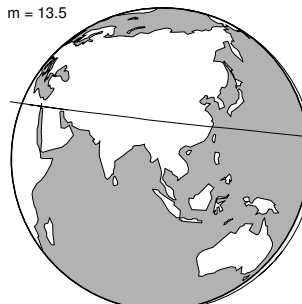
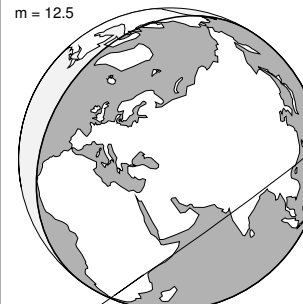
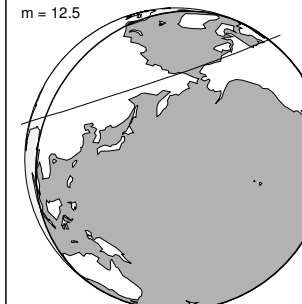
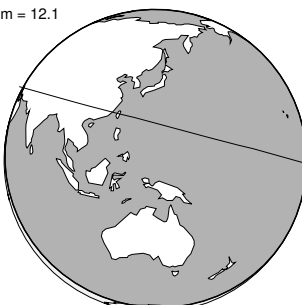
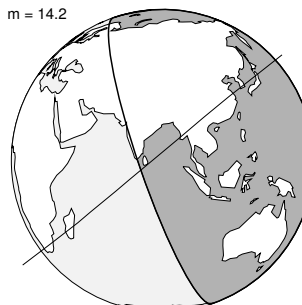
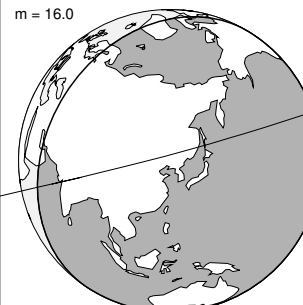
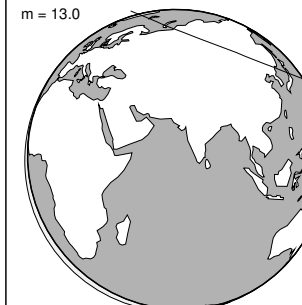
Occultations by major and minor planets – 2027

Region 7

2027 jan 1 14h19.8m A27_01147 1241 Dysona UCAC4 698–038614 Diam = 86.2 m = 12.2 m = 14.8  Dur = 5.5s Dmag = 2.7 Sun: 148° Moon: 127°	2027 jan 1 19h46.2m A27_01057 305 Gordonia TYC 0242–00625–1 Diam = 50.7 m = 10.4 m = 12.8  Dur = 22.5s Dmag = 2.5 Sun: 133° Moon: 67°	2027 jan 1 20h34.1m A27_01081 449 Hamburga UCAC4 572–021208 Diam = 88.6 m = 11.6 m = 12.0  Dur = 10.4s Dmag = 1.0 Sun: 167° Moon: 126°	2027 jan 2 12h53.2m A27_01128 762 Pulcova TYC 2324–00282–1 Diam = 142.0 m = 11.1 m = 13.4  Dur = 20.2s Dmag = 2.4 Sun: 124° Moon: 169°
2027 jan 3 15h11.8m A27_01166 3240 Laokoon UCAC4 568–010971 Diam = 41.7 m = 12.1 m = 17.5  Dur = 3.3s Dmag = 5.4 Sun: 145° Moon: 168°	2027 jan 3 15h45.5m A27_01177 2012YG12 UCAC4 525–032910 Diam = 166.0 m = 12.5 m = 22.1  Dur = 6.5s Dmag = 9.6 Sun: 171° Moon: 134°	2027 jan 4 10h47.8m A27_01089 484 Pittsburghia UCAC4 510–012554 Diam = 44.5 m = 12.0 m = 13.9  Dur = 3.7s Dmag = 2.1 Sun: 157° Moon: 156°	2027 jan 5 17h23.0m A27_01058 308 Polyxo TYC 0790–00374–1 Diam = 148.0 m = 10.6 m = 12.2  Dur = 11.8s Dmag = 1.8 Sun: 167° Moon: 145°
2027 jan 5 17h48.6m A27_01066 383 Janina UCAC4 569–026450 Diam = 49.7 m = 12.2 m = 13.6  Dur = 4.7s Dmag = 1.7 Sun: 169° Moon: 167°	2027 jan 5 18h42.0m A27_01109 623 Chimaera TYC 5522–00358–1 Diam = 46.0 m = 10.1 m = 15.6  Dur = 3.2s Dmag = 5.5 Sun: 97° Moon: 75°	2027 jan 5 20h 4.7m A27_01042 179 Klytaemnestra UCAC4 540–027638 Diam = 81.0 m = 12.5 m = 12.4  Dur = 6.1s Dmag = 0.7 Sun: 170° Moon: 163°	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 19h54.4m A27_01016 61 Danaë PPMX 2144466 Diam = 83.6 m = 12.2 m = 12.3  Dur = 6.1s Dmag = 0.8 Sun: 152° Moon: 161°	2027 jan 8 15h 3.0m A27_01107 613 Ginevra UCAC4 579–006067 Diam = 82.0 m = 11.8 m = 14.5  Dur = 21.5s Dmag = 2.8 Sun: 118° Moon: 110°	2027 jan 9 9h42.8m A27_01050 230 Athamantis UCAC4 529–008448 Diam = 125.0 m = 12.1 m = 10.8  Dur = 31.5s Dmag = 0.3 Sun: 138° Moon: 121°	2027 jan 9 11h58.1m A27_01126 754 Malabar UCAC4 390–010226 Diam = 89.1 m = 12.0 m = 13.8  Dur = 7.6s Dmag = 2.0 Sun: 139° Moon: 128°

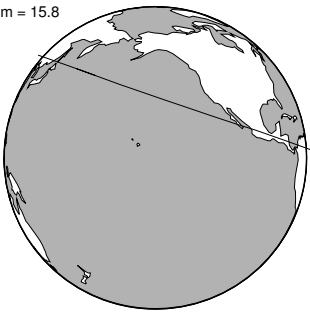
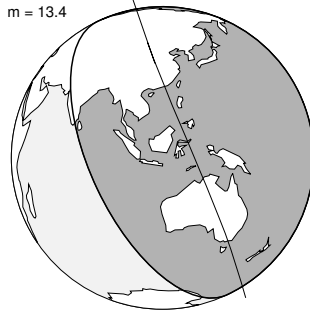
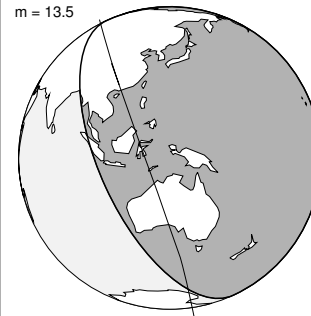
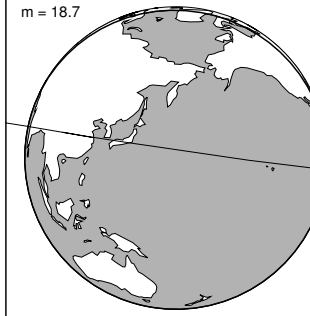
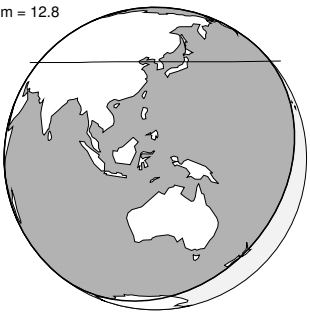
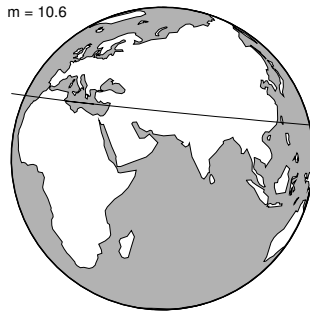
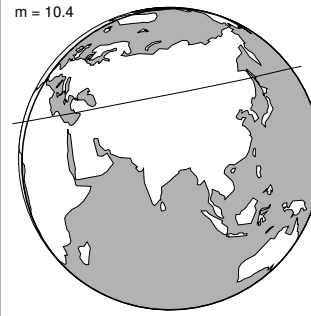
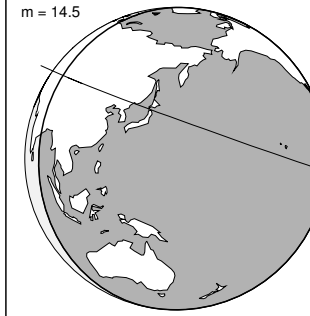
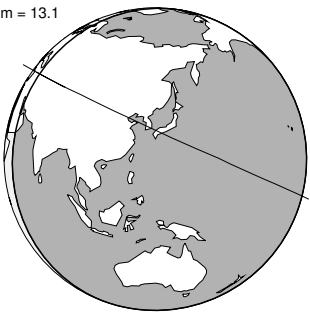
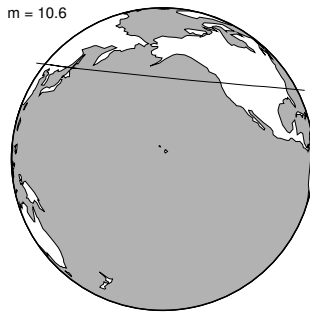
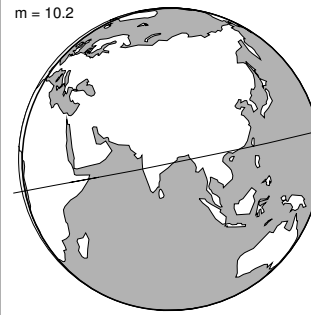
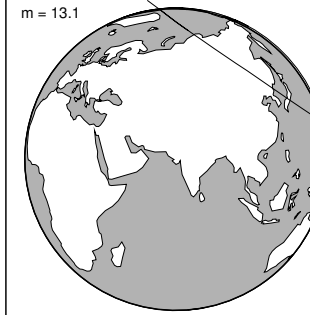
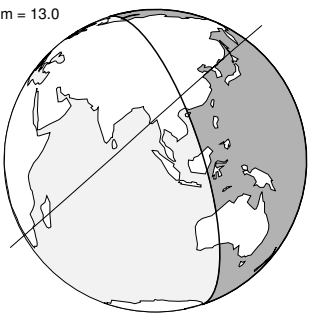
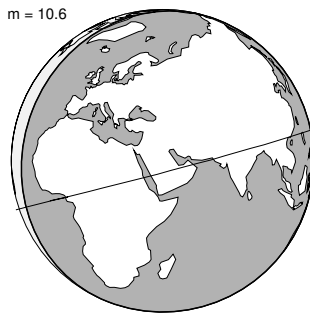
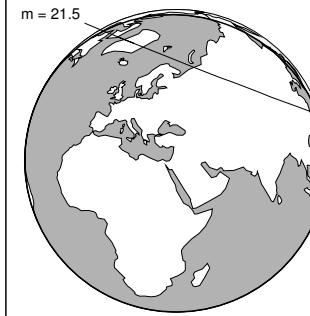
Occultations by major and minor planets – 2027

Region 7

2027 jan 9 12h 2.3m 110 Lydia Diam = 89.1 m = 12.0  Dur = 9.8s Sun: 150° Dmag = 3.0 Moon: 133°	2027 jan 9 13h 7.4m 4709 Ennomos Diam = 69.2 m = 16.2  Dur = 4.3s Sun: 153° Dmag = 4.1 Moon: 135°	2027 jan 9 19h37.6m 907 Rhoda Diam = 65.8 m = 13.5  Dur = 9.0s Sun: 142° Dmag = 1.5 Moon: 125°	2027 jan 11 17h45.0m 76 Freia Diam = 190.0 m = 11.9  Dur = 17.9s Sun: 167° Dmag = 0.5 Moon: 126°
2027 jan 12 8h 3.7m 419 Aurelia Diam = 133.0 m = 13.9  Dur = 14.5s Sun: 102° Dmag = 2.8 Moon: 53°	2027 jan 12 10h34.5m 484 Pittsburghia Diam = 44.5 m = 14.1  Dur = 4.2s Sun: 148° Dmag = 2.2 Moon: 101°	2027 jan 12 12h 1.6m 573 Recha Diam = 50.5 m = 14.4  Dur = 10.6s Sun: 128° Dmag = 2.8 Moon: 79°	2027 jan 13 19h37.1m 721 Tabora Diam = 82.6 m = 14.2  Dur = 6.3s Sun: 164° Dmag = 4.7 Moon: 102°
2027 jan 15 12h 6.2m 324 Bambergia Diam = 227.6 m = 11.0  Dur = 5.7s Sun: 56° Dmag = 0.9 Moon: 30°	2027 jan 16 18h33.1m 283 Emma Diam = 150.0 m = 13.5  Dur = 10.7s Sun: 165° Dmag = 2.9 Moon: 93°	2027 jan 16 18h59.1m 61 Danaë Diam = 83.6 m = 12.5  Dur = 6.6s Sun: 145° Dmag = 4.1 Moon: 52°	2027 jan 18 11h23.1m 172 Baucis Diam = 64.5 m = 12.5  Dur = 5.9s Sun: 154° Dmag = 4.7 Moon: 34°
2027 jan 20 14h38.5m 444 Gypsis Diam = 170.0 m = 12.1  Dur = 12.2s Sun: 164° Dmag = 0.7 Moon: 30°	2027 jan 21 12h48.8m 464 Megaira Diam = 76.5 m = 14.2  Dur = 4.9s Sun: 98° Dmag = 2.3 Moon: 68°	2027 jan 23 13h58.2m 3024 Hainan Diam = 41.1 m = 16.0  Dur = 3.9s Sun: 145° Dmag = 4.0 Moon: 48°	2027 jan 23 18h51.3m 585 Bilkis Diam = 60.3 m = 13.0  Dur = 6.8s Sun: 164° Dmag = 1.3 Moon: 29°

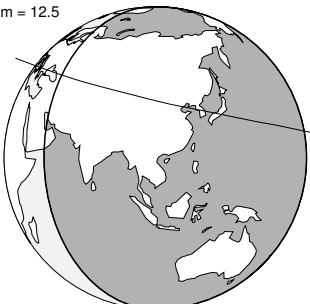
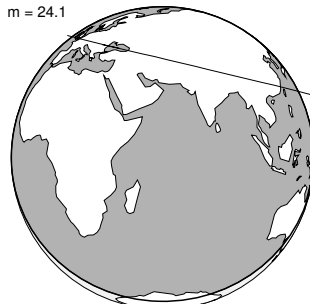
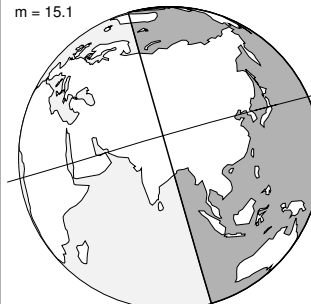
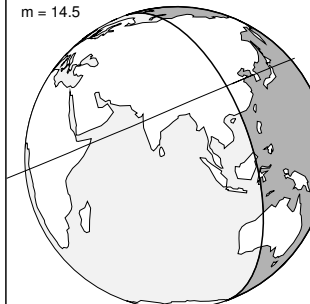
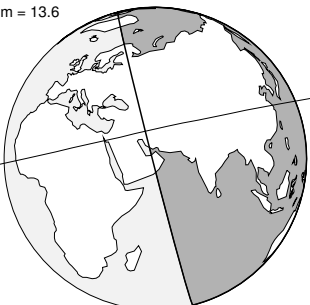
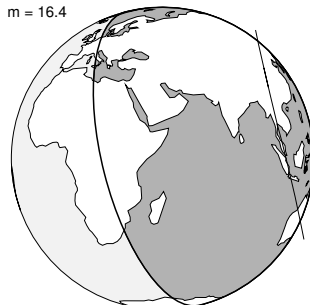
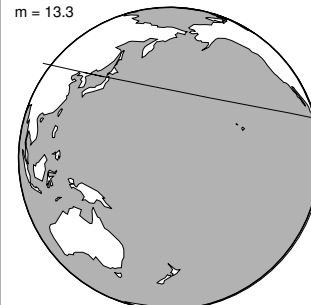
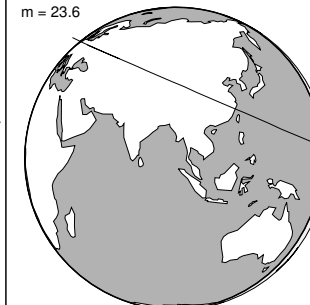
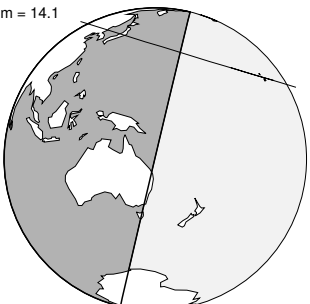
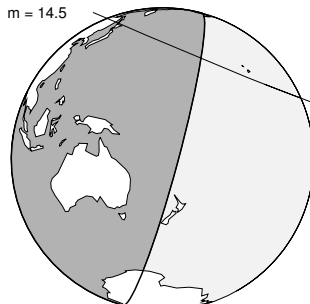
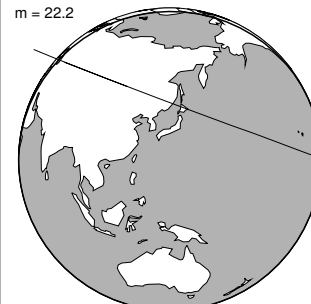
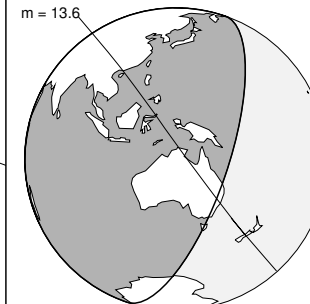
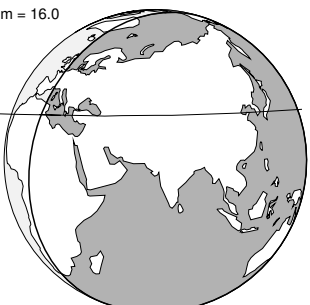
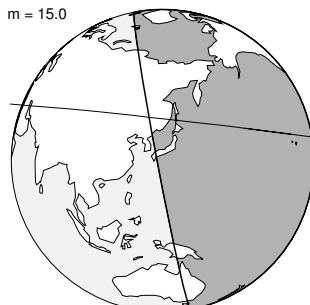
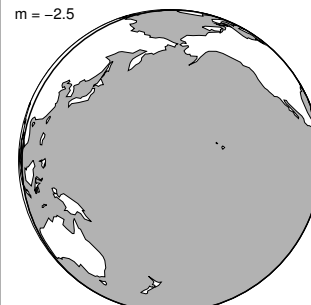
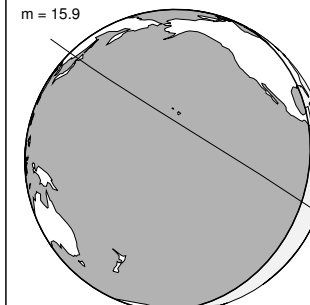
Occultations by major and minor planets – 2027

Region 7

2027 jan 24 10h 3.0m A27_01161 2246 Bowell UCAC4 524–046990 Diam = 52.1 m = 12.1 m = 15.8  Dur = 3.6s Dmag = 3.7 Sun: 175° Moon: 27°	2027 jan 24 12h46.1m A27_01030 105 Artemis UCAC4 423–006602 Diam = 123.0 m = 11.4 m = 13.4  Dur = 15.5s Dmag = 2.2 Sun: 118° Moon: 86°	2027 jan 25 11h32.6m A27_01029 105 Artemis UCAC4 423–006598 Diam = 123.0 m = 12.4 m = 13.5  Dur = 15.4s Dmag = 1.4 Sun: 117° Moon: 97°	2027 jan 25 13h37.3m B27_01001 54598 Bienor UCAC4 608–044724 Diam = 134.3 m = 14.7 m = 18.7  Dur = 6.2s Dmag = 4.0 Sun: 167° Moon: 45°
2027 jan 27 17h27.5m A27_01103 584 Semiramis TYC 4904–01652–1 Diam = 56.2 m = 11.5 m = 12.8  Dur = 4.8s Dmag = 1.6 Sun: 149° Moon: 41°	2027 jan 27 20h24.9m A27_01033 111 Ate UCAC4 533–048414 Diam = 139.0 m = 12.3 m = 10.6  Dur = 14.0s Dmag = 0.2 Sun: 175° Moon: 66°	2027 jan 28 17h48.5m A27_01027 89 Julia HIP 38342 Diam = 159.0 m = 8.0 m = 10.4  Dur = 11.5s Dmag = 2.5 Sun: 165° Moon: 95°	2027 jan 29 12h13.0m A27_01069 414 Liriope TYC 1895–00135–1 Diam = 75.2 m = 11.4 m = 14.5  Dur = 6.7s Dmag = 3.2 Sun: 155° Moon: 115°
2027 jan 30 14h 9.3m A27_01111 628 Christine UCAC5 568–038389 Diam = 51.0 m = 12.5 m = 13.1  Dur = 4.4s Dmag = 1.1 Sun: 160° Moon: 122°	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 17h45.1m A27_02033 115 Thyra UCAC4 556–044436 Diam = 83.5 m = 12.1 m = 10.2  Dur = 8.2s Dmag = 0.2 Sun: 166° Moon: 150°	2027 feb 2 19h58.4m A27_02100 931 Whittemora TYC 1959–01568–1 Diam = 52.6 m = 10.9 m = 13.1  Dur = 4.2s Dmag = 2.3 Sun: 171° Moon: 134°
2027 feb 3 10h30.0m A27_02039 164 Eva UCAC4 457–002339 Diam = 110.0 m = 12.1 m = 13.0  Dur = 3.3s Dmag = 1.3 Sun: 71° Moon: 106°	2027 feb 4 19h45.5m A27_02026 89 Julia UCAC4 580–039729 Diam = 159.0 m = 11.7 m = 10.6  Dur = 12.6s Dmag = 0.3 Sun: 157° Moon: 177°	2027 feb 4 21h12.9m A27_02058 357 Ninina UCAC5 525–048576 Diam = 110.0 m = 12.4 m = 13.3  Dur = 7.5s Dmag = 1.3 Sun: 170° Moon: 152°	2027 feb 4 22h 8.3m B27_02003 523757 2014WH509 UCAC4 608–046154 Diam = 403.6 m = 14.1 m = 21.5  Dur = 15.6s Dmag = 7.4 Sun: 163° Moon: 157°

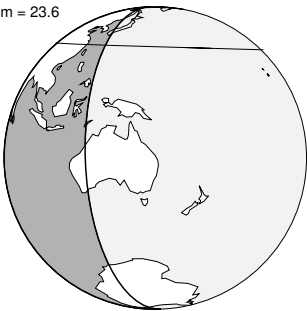
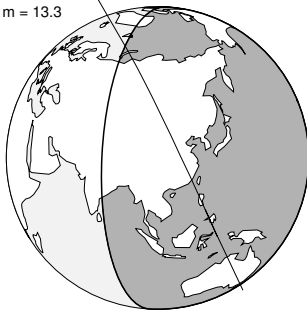
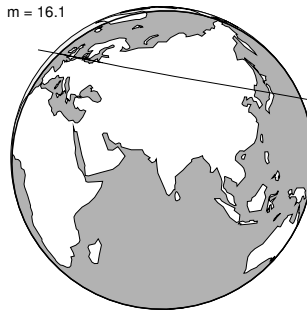
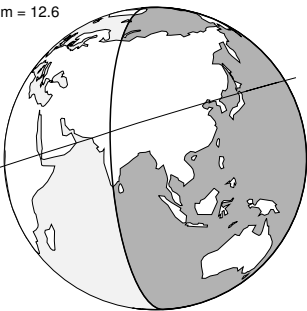
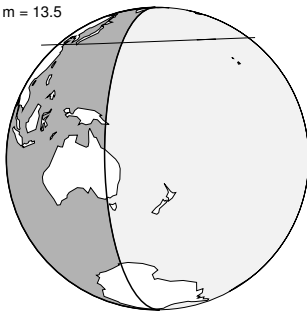
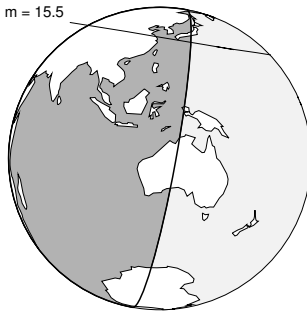
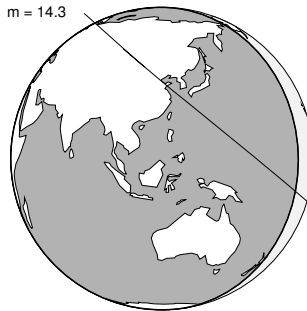
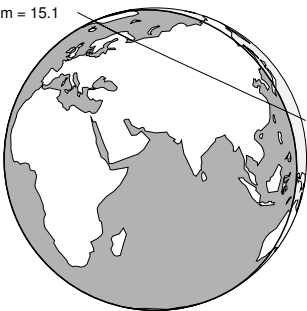
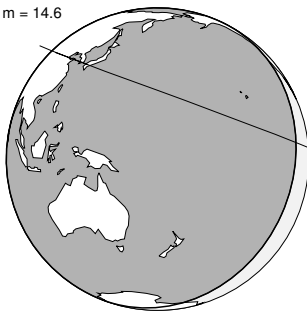
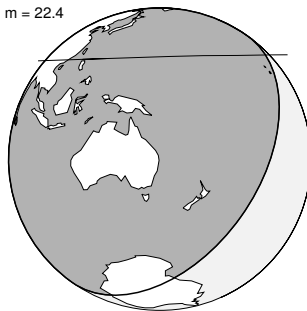
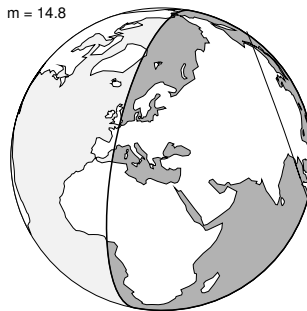
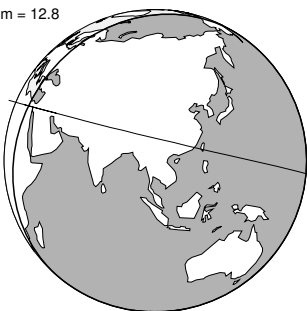
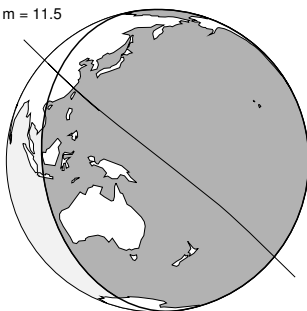
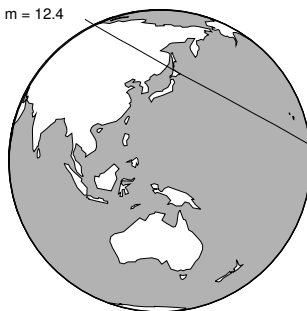
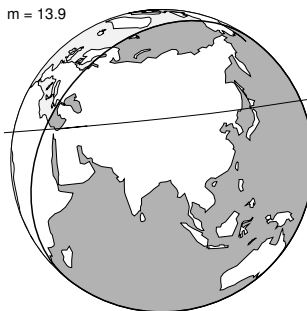
Occultations by major and minor planets – 2027

Region 7

2027 feb 7 14h15.3m A27_02019 76 Freia TYC 1336–01436–1 Diam = 190.0 m = 11.6 m = 12.5  Dur = 49.1s Dmag = 1.3 Sun: 137° Moon: 127°	2027 feb 9 20h16.1m B27_02010 2019GL196 PPMX 9399237 Diam = 94.2 m = 12.7 m = 24.1  Dur = 3.7s Dmag = 11.5 Sun: 161° Moon: 147°	2027 feb 10 12h 8.9m A27_02096 859 Bouzaréah TYC 1791–00687–1 Diam = 77.5 m = 9.7 m = 15.1  Dur = 4.7s Dmag = 5.3 Sun: 90° Moon: 47°	2027 feb 12 10h18.2m A27_02013 58 Concordia TYC 0034–01065–1 Diam = 97.7 m = 9.8 m = 14.5  Dur = 3.1s Dmag = 4.8 Sun: 59° Moon: 11°
2027 feb 12 14h12.4m A27_02021 83 Beatrix UCAC5 565–006670 Diam = 84.0 m = 12.4 m = 13.6  Dur = 5.5s Dmag = 1.5 Sun: 91° Moon: 23°	2027 feb 13 16h34.7m A27_02113 3317 Paris TYC 0101–01759–1 Diam = 127.0 m = 10.9 m = 16.4  Dur = 9.2s Dmag = 5.5 Sun: 113° Moon: 43°	2027 feb 14 13h 9.3m A27_02023 84 Klio UCAC4 499–054692 Diam = 83.0 m = 11.9 m = 13.3  Dur = 5.5s Dmag = 1.7 Sun: 171° Moon: 95°	2027 feb 15 18h55.9m B27_02007 2007CJ66 UCAC4 498–057470 Diam = 154.9 m = 13.3 m = 23.6  Dur = 6.3s Dmag = 10.2 Sun: 165° Moon: 86°
2027 feb 15 19h38.9m A27_02027 91 Aegina TYC 6193–00221–1 Diam = 114.0 m = 11.3 m = 14.1  Dur = 7.1s Dmag = 2.9 Sun: 89° Moon: 161°	2027 feb 17 18h20.4m A27_02046 203 Pompeja TYC 6182–01121–1 Diam = 120.0 m = 10.6 m = 14.5  Dur = 9.1s Dmag = 3.9 Sun: 95° Moon: 129°	2027 feb 18 15h 2.1m B27_02009 2011BN170 UCAC4 572–046563 Diam = 189.7 m = 13.8 m = 22.2  Dur = 8.0s Dmag = 8.4 Sun: 167° Moon: 28°	2027 feb 18 19h44.8m A27_02043 186 Celuta UCAC5 372–064542 Diam = 52.3 m = 12.5 m = 13.6  Dur = 6.4s Dmag = 1.4 Sun: 110° Moon: 100°
2027 feb 20 17h13.6m A27_02101 1081 Reseda UCAC4 584–040784 Diam = 40.3 m = 12.3 m = 16.0  Dur = 5.3s Dmag = 3.7 Sun: 144° Moon: 32°	2027 feb 22 8h58.7m A27_02078 573 Recha UCAC4 607–011007 Diam = 50.5 m = 12.4 m = 15.0  Dur = 3.0s Dmag = 2.8 Sun: 92° Moon: 107°	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 12h31.4m A27_02110 2249 Yamamoto UCAC4 458–051649 Diam = 46.0 m = 12.2 m = 15.9  Dur = 4.8s Dmag = 3.8 Sun: 150° Moon: 10°

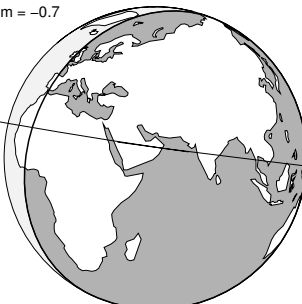
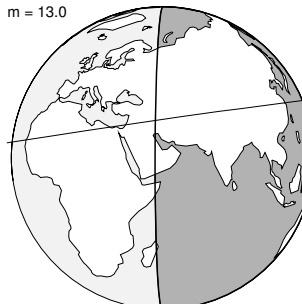
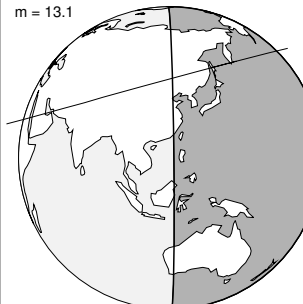
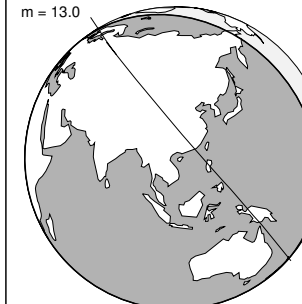
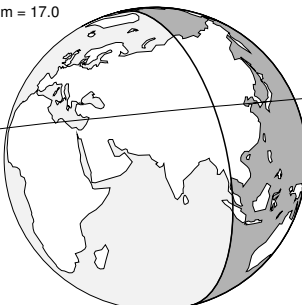
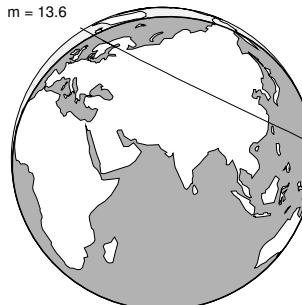
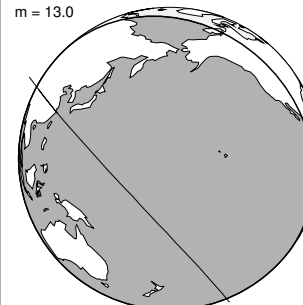
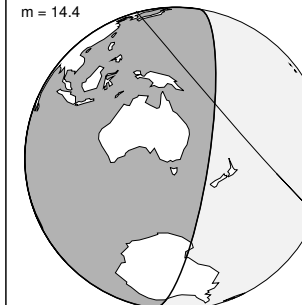
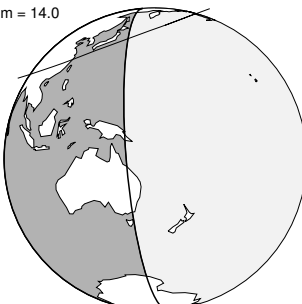
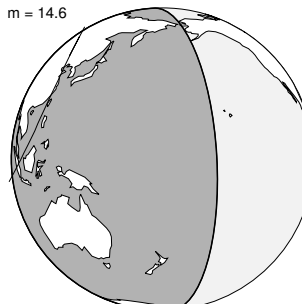
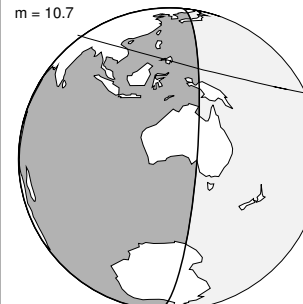
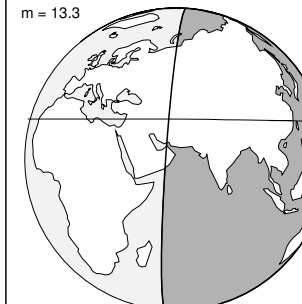
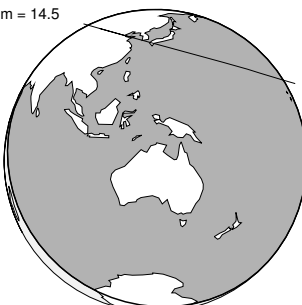
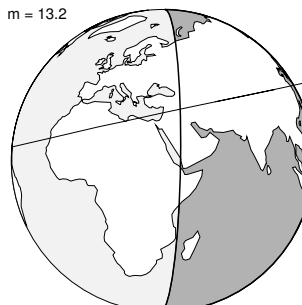
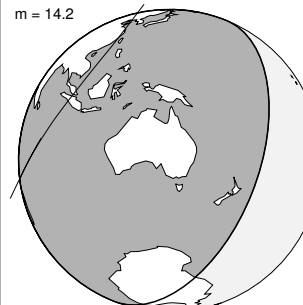
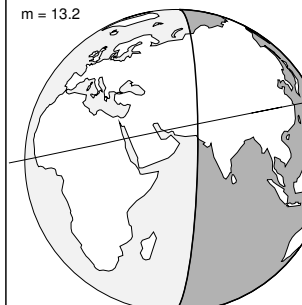
Occultations by major and minor planets – 2027

Region 7

2027 feb 23 21h49.0m B27_02006 2005JY185 PPMX 12689763 Diam = 182.0 m = 12.7 m = 23.6  Dur = 9.8s Dmag = 10.9 Sun: 62° Moon: 79°	2027 feb 24 12h37.4m A27_02068 426 Hippo TYC 2409-01600-1 Diam = 134.0 m = 11.2 m = 13.3  Dur = 12.8s Dmag = 2.2 Sun: 111° Moon: 115°	2027 feb 24 21h11.2m A27_02038 145 Adeona TYC 2519-02085-1 Diam = 155.0 m = 10.1 m = 11.2  Dur = 16.6s Dmag = 1.5 Sun: 158° Moon: 59°	2027 feb 25 18h45.6m A27_02112 3248 Farinella TYC 1968-01169-1 Diam = 50.1 m = 12.1 m = 16.1  Dur = 3.2s Dmag = 4.1 Sun: 164° Moon: 74°
2027 feb 26 12h57.4m A27_02011 53 Kalypso UCAC4 549-016778 Diam = 119.0 m = 11.9 m = 12.6  Dur = 10.3s Dmag = 1.2 Sun: 107° Moon: 143°	2027 feb 28 20h 9.9m A27_02050 241 Germania UCAC5 325-117580 Diam = 169.0 m = 12.5 m = 13.5  Dur = 6.1s Dmag = 1.4 Sun: 69° Moon: 14°	2027 mar 1 21h22.9m A27_03107 656 Beagle UCAC4 347-077562 Diam = 57.5 m = 12.1 m = 15.5  Dur = 4.4s Dmag = 3.4 Sun: 96° Moon: 25°	2027 mar 6 18h 2.8m A27_03163 3754 Kathleen UCAC5 488-052527 Diam = 41.7 m = 12.5 m = 14.3  Dur = 4.3s Dmag = 2.0 Sun: 154° Moon: 137°
2027 mar 7 21h27.1m A27_03138 1041 Asta HIP 61361 Diam = 60.6 m = 11.8 m = 15.1  Dur = 4.4s Dmag = 3.3 Sun: 157° Moon: 152°	2027 mar 8 14h42.7m A27_03053 177 Irma TYC 4955-01175-1 Diam = 75.3 m = 10.1 m = 14.6  Dur = 5.9s Dmag = 4.5 Sun: 153° Moon: 156°	2027 mar 8 16h27.8m B27_03012 2015BL518 Gaia 063-0133303 Diam = 176.2 m = 15.0 m = 22.4  Dur = 11.2s Dmag = 7.4 Sun: 131° Moon: 135°	2027 mar 9 17h46.2m A27_03119 733 Mocia UCAC4 652-042469 Diam = 92.0 m = 11.9 m = 14.8  Dur = 7.6s Dmag = 2.9 Sun: 108° Moon: 93°
2027 mar 10 16h 7.8m A27_03064 245 Vera UCAC4 549-048170 Diam = 84.8 m = 12.3 m = 12.8  Dur = 7.1s Dmag = 1.1 Sun: 155° Moon: 128°	2027 mar 11 10h55.0m A27_03080 405 Thia TYC 4867-00135-1 Diam = 129.0 m = 10.3 m = 11.5  Dur = 25.5s Dmag = 1.6 Sun: 139° Moon: 108°	2027 mar 11 14h52.6m A27_03072 335 Roberta UCAC4 493-057257 Diam = 93.6 m = 11.7 m = 12.4  Dur = 7.4s Dmag = 1.2 Sun: 173° Moon: 135°	2027 mar 11 16h17.1m A27_03089 446 Aeternitas TYC 2494-01366-1 Diam = 43.0 m = 9.6 m = 13.9  Dur = 4.4s Dmag = 4.3 Sun: 141° Moon: 103°

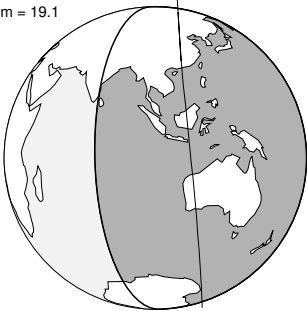
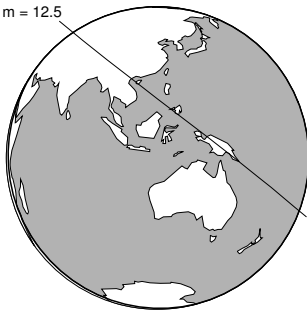
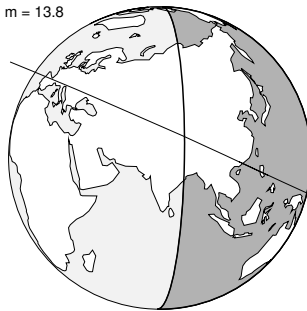
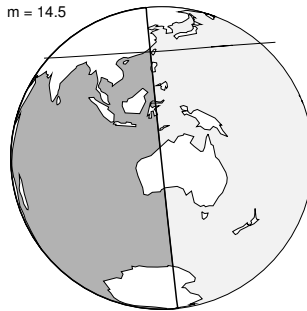
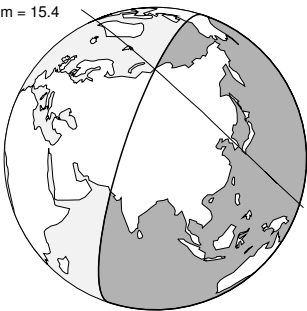
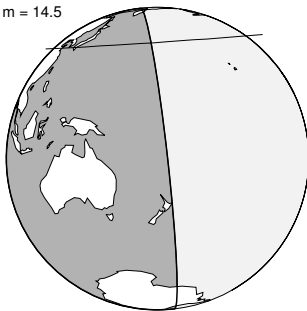
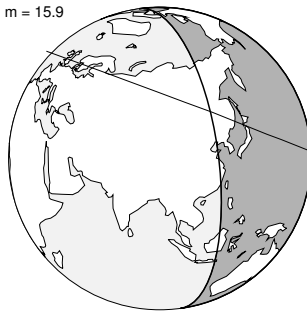
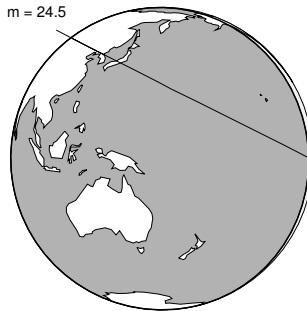
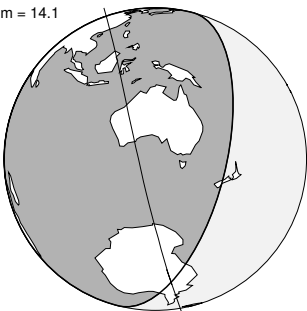
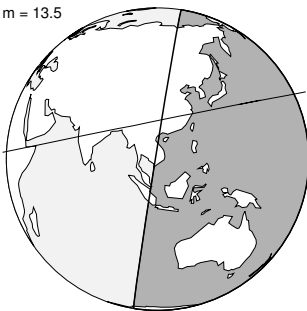
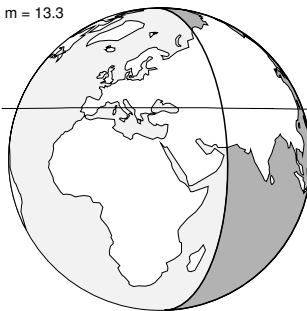
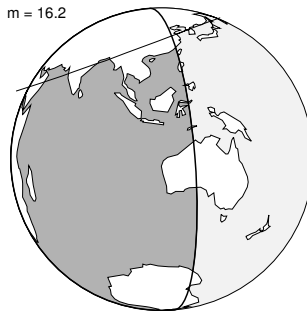
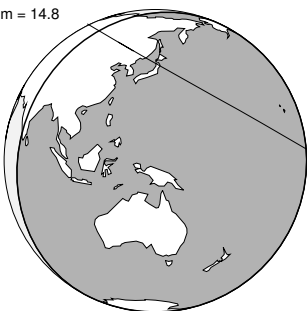
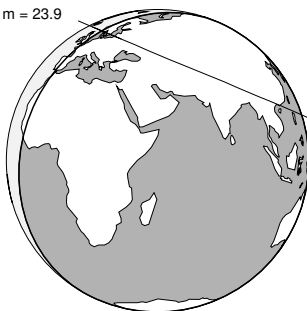
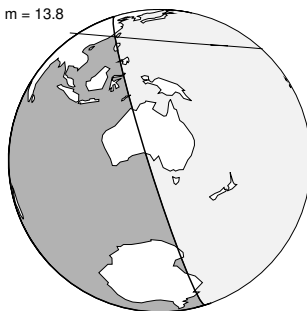
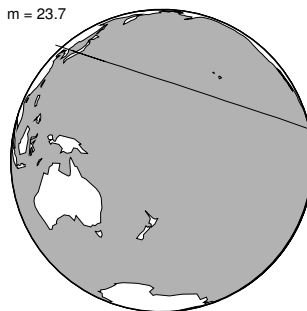
Occultations by major and minor planets – 2027

Region 7

2027 mar 16 18h24.5m P27_03002 Mars Diam = 6759.2 m = -0.7  Dur = 1471.0s Sun: 146° Dmag = 0.0 Moon: 42°	2027 mar 18 14h50.8m A27_03019 53 Kalypso Diam = 119.0 m = 13.0  Dur = 6.4s Sun: 92° Dmag = 1.3 Moon: 36°	2027 mar 20 10h15.6m A27_03025 59 Elpis Diam = 173.0 m = 13.1  Dur = 9.3s Sun: 88° Dmag = 1.1 Moon: 65°	2027 mar 20 18h13.6m A27_03117 729 Watsonia Diam = 53.3 m = 13.0  Dur = 4.8s Sun: 152° Dmag = 5.5 Moon: 41°
2027 mar 21 11h27.8m A27_03145 1173 Anchises Diam = 135.0 m = 17.0  Dur = 5.1s Sun: 61° Dmag = 5.0 Moon: 105°	2027 mar 21 19h 8.3m A27_03133 943 Begonia Diam = 72.0 m = 13.6  Dur = 7.5s Sun: 158° Dmag = 1.5 Moon: 20°	2027 mar 22 13h12.2m A27_03118 729 Watsonia Diam = 53.3 m = 13.0  Dur = 4.8s Sun: 153° Dmag = 2.5 Moon: 30°	2027 mar 22 19h15.3m A27_03125 795 Fini Diam = 78.7 m = 14.4  Dur = 5.1s Sun: 102° Dmag = 3.6 Moon: 72°
2027 mar 23 20h16.2m A27_03043 95 Arethusa Diam = 145.0 m = 14.0  Dur = 6.5s Sun: 78° Dmag = 2.7 Moon: 84°	2027 mar 25 16h57.2m A27_03111 679 Pax Diam = 65.5 m = 14.6  Dur = 8.6s Sun: 111° Dmag = 5.6 Moon: 39°	2027 mar 25 20h59.2m A27_03010 15 Eunomia Diam = 272.0 m = 10.7  Dur = 26.0s Sun: 100° Dmag = 0.2 Moon: 37°	2027 mar 26 14h26.7m A27_03035 76 Freia Diam = 190.0 m = 13.3  Dur = 12.2s Sun: 93° Dmag = 2.0 Moon: 137°
2027 mar 27 14h26.7m A27_03102 623 Chimaera Diam = 46.0 m = 14.5  Dur = 3.9s Sun: 160° Dmag = 4.3 Moon: 67°	2027 mar 27 15h17.8m A27_03027 59 Elpis Diam = 173.0 m = 13.2  Dur = 8.1s Sun: 83° Dmag = 1.2 Moon: 157°	2027 mar 28 17h54.0m A27_03094 500 Selinur Diam = 45.1 m = 14.2  Dur = 14.4s Sun: 125° Dmag = 4.8 Moon: 23°	2027 mar 29 13h42.3m A27_03028 59 Elpis Diam = 173.0 m = 13.2  Dur = 7.9s Sun: 81° Dmag = 1.6 Moon: 168°

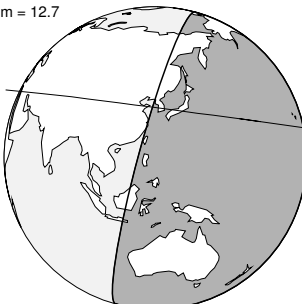
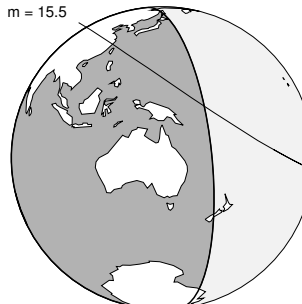
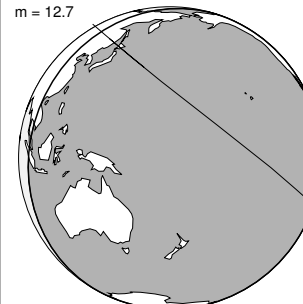
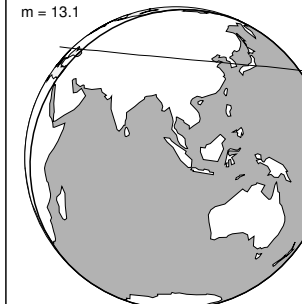
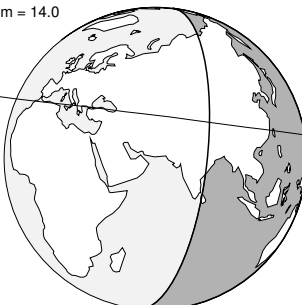
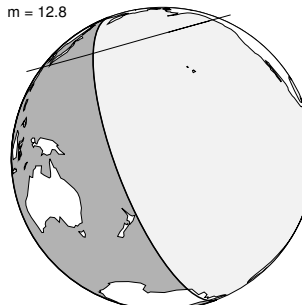
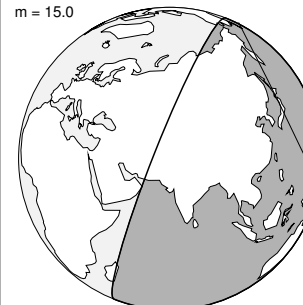
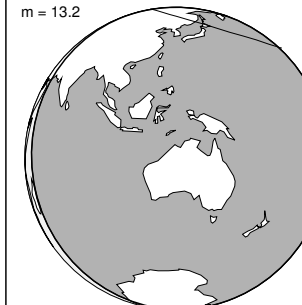
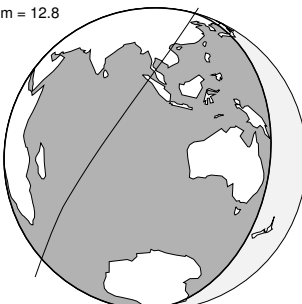
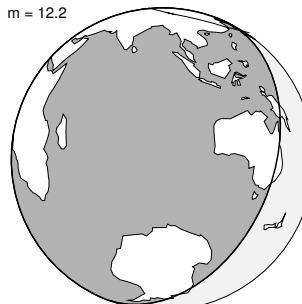
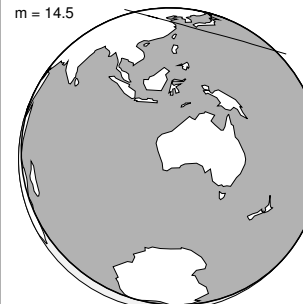
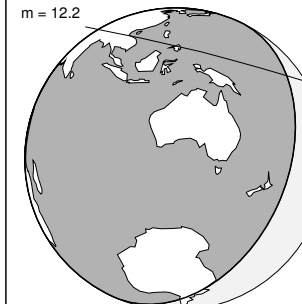
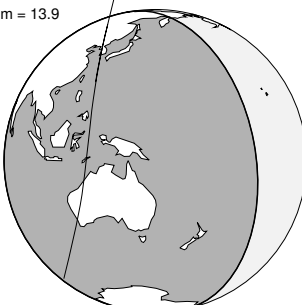
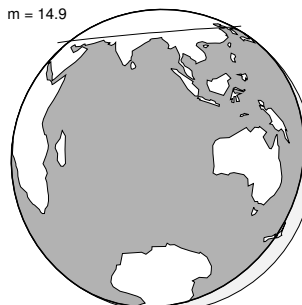
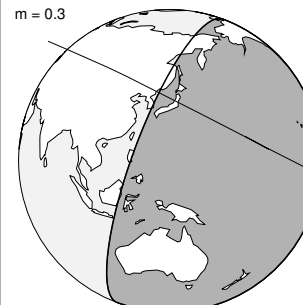
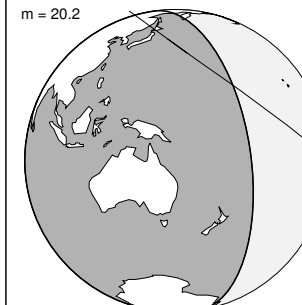
Occultations by major and minor planets – 2027

Region 7

2027 apr 1 12h49.2m B27_04005 447178 2005RO43 UCAC4 376-048522 Diam = 158.5 m = 13.0 m = 19.1  Dur = 9.1s Dmag = 6.1 Sun: 113° Moon: 145°	2027 apr 1 15h38.3m A27_04070 393 Lampetia TYC 5522-01404-1 Diam = 106.0 m = 12.1 m = 12.5  Dur = 7.2s Dmag = 1.0 Sun: 168° Moon: 123°	2027 apr 3 12h26.6m A27_04073 426 Hippo TYC 1890-00181-1 Diam = 134.0 m = 10.1 m = 13.8  Dur = 6.1s Dmag = 3.7 Sun: 80° Moon: 121°	2027 apr 3 21h55.3m A27_04094 758 Mancunia UCAC5 346-158524 Diam = 86.5 m = 12.4 m = 14.5  Dur = 5.8s Dmag = 2.2 Sun: 89° Moon: 53°
2027 apr 4 13h41.8m A27_04132 2725 David Bender TYC 2974-01559-1 Diam = 42.0 m = 11.3 m = 15.4  Dur = 3.4s Dmag = 4.1 Sun: 102° Moon: 129°	2027 apr 8 18h30.8m A27_04095 758 Mancunia TYC 6294-02007-1 Diam = 86.5 m = 12.2 m = 14.5  Dur = 6.7s Dmag = 2.4 Sun: 93° Moon: 116°	2027 apr 10 10h22.2m A27_04120 1241 Dysona TYC 2911-01048-1 Diam = 86.2 m = 10.3 m = 15.9  Dur = 3.1s Dmag = 5.6 Sun: 67° Moon: 24°	2027 apr 10 14h28.9m B27_04024 2015GH56 UCAC4 427-057830 Diam = 131.8 m = 13.8 m = 24.5  Dur = 5.1s Dmag = 10.7 Sun: 165° Moon: 144°
2027 apr 10 19h11.1m A27_04104 795 Fini UCAC4 246-112946 Diam = 78.7 m = 12.4 m = 14.1  Dur = 7.1s Dmag = 1.9 Sun: 117° Moon: 162°	2027 apr 12 11h 5.8m A27_04077 444 Gyptis TYC 0772-01735-1 Diam = 170.0 m = 11.2 m = 13.5  Dur = 10.9s Dmag = 2.5 Sun: 90° Moon: 24°	2027 apr 12 14h11.0m A27_04014 49 Pales TYC 1861-01135-1 Diam = 154.0 m = 11.8 m = 13.3  Dur = 4.8s Dmag = 1.7 Sun: 63° Moon: 9°	2027 apr 12 21h45.3m A27_04130 2307 Garuda UCAC4 342-162331 Diam = 45.1 m = 12.0 m = 16.2  Dur = 4.1s Dmag = 4.2 Sun: 102° Moon: 175°
2027 apr 17 13h 4.0m A27_04059 289 Nenetta UCAC4 454-050815 Diam = 41.5 m = 12.3 m = 14.8  Dur = 3.3s Dmag = 2.6 Sun: 153° Moon: 17°	2027 apr 20 19h 0.5m B27_04013 2001DM108 UCAC4 451-053071 Diam = 144.5 m = 13.8 m = 23.9  Dur = 6.5s Dmag = 10.1 Sun: 153° Moon: 25°	2027 apr 20 21h40.3m A27_04093 680 Genoveva UCAC4 276-213149 Diam = 86.7 m = 12.0 m = 13.8  Dur = 3.5s Dmag = 2.0 Sun: 85° Moon: 93°	2027 apr 22 12h19.6m B27_04010 2000FH8 UCAC4 375-068450 Diam = 151.4 m = 13.3 m = 23.7  Dur = 6.1s Dmag = 10.4 Sun: 173° Moon: 13°

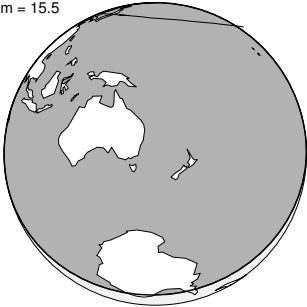
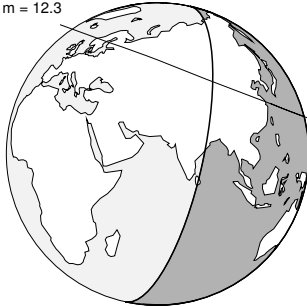
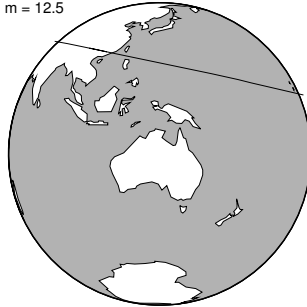
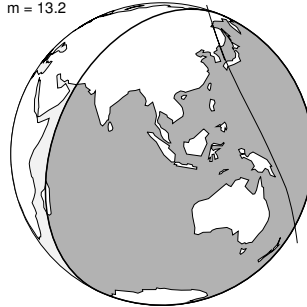
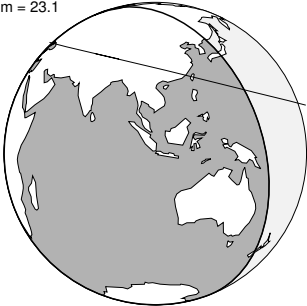
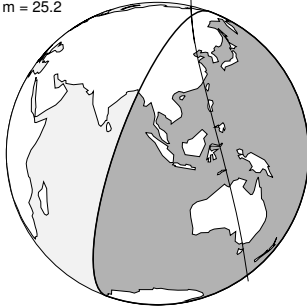
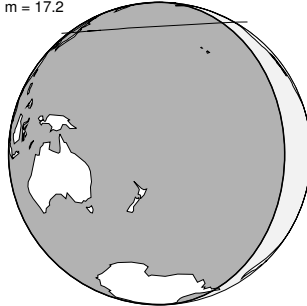
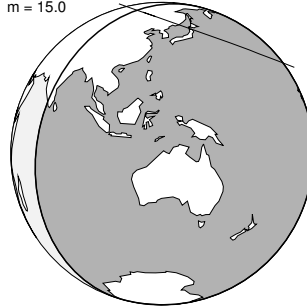
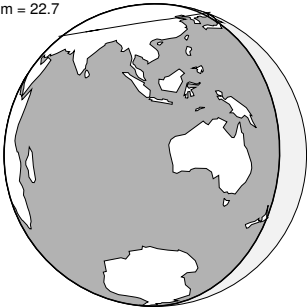
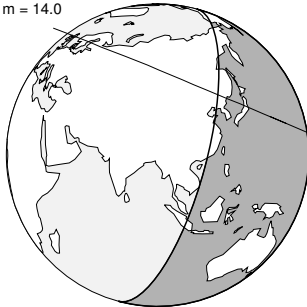
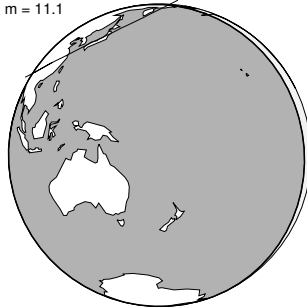
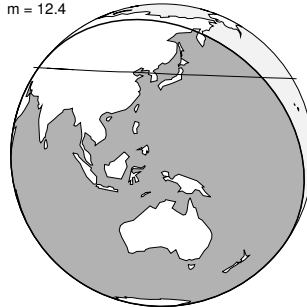
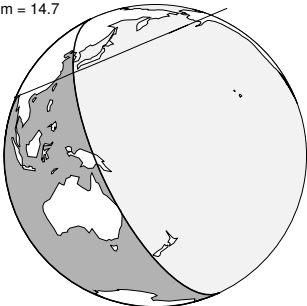
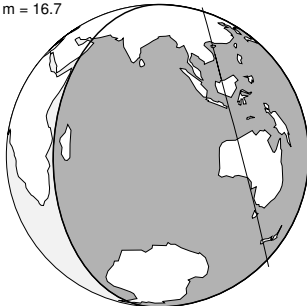
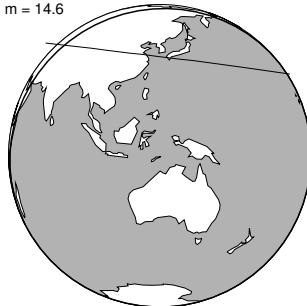
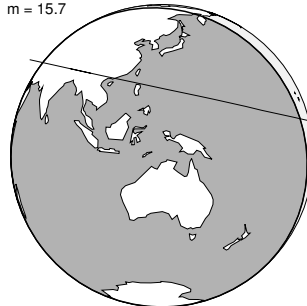
Occultations by major and minor planets – 2027

Region 7

2027 apr 23 10h21.3m A27_04037 114 Kassandra PPMX 6172931 Diam = 103.0 m = 12.5 m = 12.7  Dur = 6.8s Dmag = 0.9 Sun: 96° Moon: 113°	2027 apr 23 19h25.8m A27_04113 971 Alsatia UCAC4 333-199757 Diam = 66.7 m = 12.4 m = 15.5  Dur = 10.3s Dmag = 3.2 Sun: 109° Moon: 37°	2027 apr 25 11h15.2m A27_04071 417 Suevia TYC 4952-00765-1 Diam = 43.3 m = 11.8 m = 12.7  Dur = 5.5s Dmag = 1.3 Sun: 157° Moon: 76°	2027 apr 26 16h15.7m A27_04076 438 Zeuxo UCAC4 440-055710 Diam = 63.6 m = 11.8 m = 13.1  Dur = 6.6s Dmag = 1.6 Sun: 160° Moon: 85°
2027 apr 27 12h45.4m A27_04081 449 Hamburga PPMX 5073705 Diam = 88.6 m = 12.4 m = 14.0  Dur = 3.0s Dmag = 1.9 Sun: 70° Moon: 174°	2027 apr 27 18h45.5m A27_04043 144 Vibilia TYC 6376-00454-1 Diam = 178.0 m = 9.8 m = 12.8  Dur = 5.9s Dmag = 3.0 Sun: 71° Moon: 30°	2027 apr 28 14h24.3m A27_04105 796 Sarita UCAC4 620-045696 Diam = 46.7 m = 11.3 m = 15.0  Dur = 3.2s Dmag = 3.7 Sun: 96° Moon: 161°	2027 apr 29 14h16.8m A27_04066 366 Vincentina TYC 6116-01210-1 Diam = 98.1 m = 10.6 m = 13.2  Dur = 7.7s Dmag = 2.7 Sun: 162° Moon: 112°
2027 apr 29 20h 3.9m A27_04086 578 Happelia TYC 6824-00204-1 Diam = 71.6 m = 9.3 m = 12.8  Dur = 20.0s Dmag = 3.5 Sun: 139° Moon: 60°	2027 apr 29 20h32.7m A27_04092 654 Zelinda UCAC5 252-099581 Diam = 132.0 m = 12.4 m = 12.2  Dur = 20.7s Dmag = 0.7 Sun: 136° Moon: 62°	2027 apr 30 15h16.5m A27_04089 624 Hektor TYC 7266-00697-1 Diam = 132.4 m = 10.6 m = 14.5  Dur = 7.9s Dmag = 4.0 Sun: 161° Moon: 113°	2027 apr 30 18h15.7m A27_04091 654 Zelinda UCAC4 252-103586 Diam = 132.0 m = 12.3 m = 12.2  Dur = 19.7s Dmag = 0.7 Sun: 137° Moon: 73°
2027 may 1 17h 3.6m A27_05107 664 Judith UCAC4 396-075045 Diam = 42.3 m = 11.9 m = 13.9  Dur = 10.3s Dmag = 2.2 Sun: 131° Moon: 74°	2027 may 1 19h14.8m A27_05119 829 Academia UCAC4 290-086408 Diam = 44.0 m = 11.9 m = 14.9  Dur = 4.2s Dmag = 3.1 Sun: 154° Moon: 100°	2027 may 2 10h 7.7m P27_05001 Mars TYC 0835-01218-1 Diam = 6759.2 m = 10.0 m = 0.3  Dur = 700.7s Dmag = 0.0 Sun: 104° Moon: 154°	2027 may 3 17h59.5m B27_05004 459865 2013XZ8 PPMX 11697518 Diam = 52.7 m = 12.7 m = 20.2  Dur = 6.3s Dmag = 7.6 Sun: 119° Moon: 85°

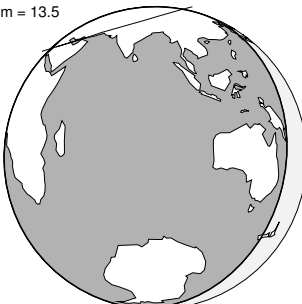
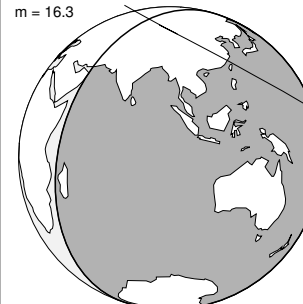
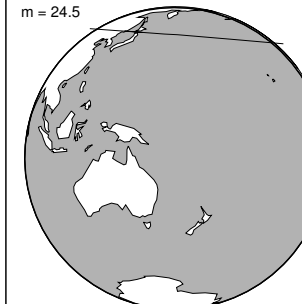
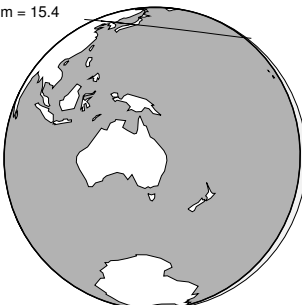
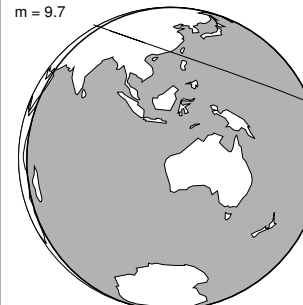
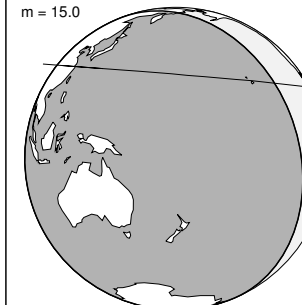
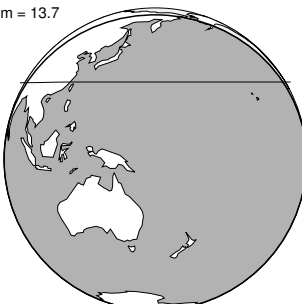
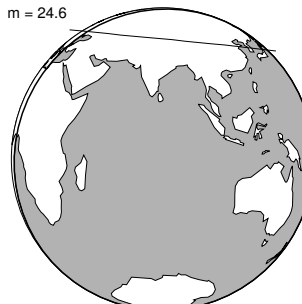
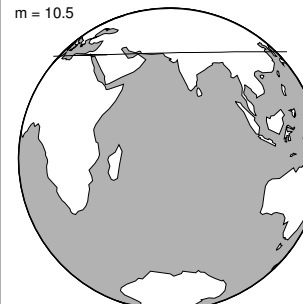
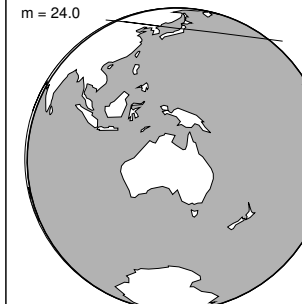
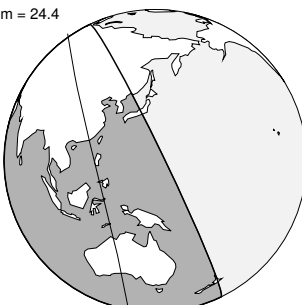
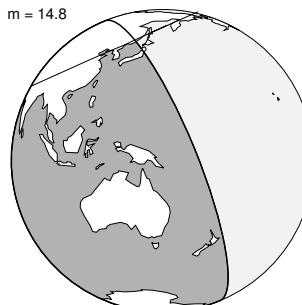
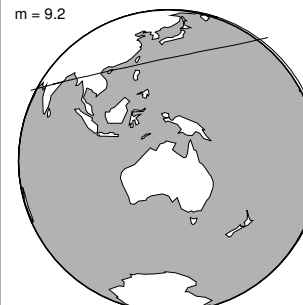
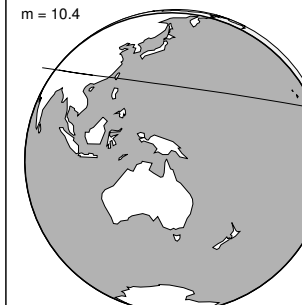
Occultations by major and minor planets – 2027

Region 7

2027 may 4 13h37.2m A27_05133 1049 Gotha UCAC4 264–077609 Diam = 58.2 m = 11.9 m = 15.5  Dur = 4.0s Dmag = 3.5 Sun: 158° Moon: 144°	2027 may 7 12h42.0m A27_05032 89 Julia UCAC4 544–044441 Diam = 159.0 m = 12.3  Dur = 6.6s Dmag = 0.8 Sun: 72° Moon: 58°	2027 may 14 14h57.0m A27_05033 91 Aegina TYC 6183–00772–1 Diam = 114.0 m = 12.0 m = 12.5  Dur = 9.1s Dmag = 1.1 Sun: 177° Moon: 72°	2027 may 15 14h23.5m A27_05077 417 Suevia UCAC4 437–055089 Diam = 43.3 m = 12.4 m = 13.2  Dur = 15.9s Dmag = 1.2 Sun: 135° Moon: 16°
2027 may 16 19h51.6m B27_05015 2011HN104 Gaia 084–0146277 Diam = 103.3 m = 13.5 m = 23.1  Dur = 6.2s Dmag = 9.7 Sun: 135° Moon: 87°	2027 may 19 12h21.3m B27_05020 2017CN54 UCAC4 439–051833 Diam = 71.1 m = 14.9 m = 25.2  Dur = 10.8s Dmag = 10.3 Sun: 105° Moon: 62°	2027 may 21 14h 5.3m A27_05155 3148 Grechko TYC 6844–03817–1 Diam = 51.5 m = 11.7 m = 17.2  Dur = 5.6s Dmag = 5.6 Sun: 145° Moon: 22°	2027 may 23 13h 9.2m A27_05113 734 Benda TYC 5551–00294–1 Diam = 78.6 m = 10.8 m = 15.0  Dur = 8.5s Dmag = 4.2 Sun: 145° Moon: 69°
2027 may 24 19h15.8m B27_05002 119066 2001KJ76 UCAC4 308–238284 Diam = 207.0 m = 13.6 m = 22.7  Dur = 10.7s Dmag = 9.1 Sun: 145° Moon: 15°	2027 may 25 10h59.3m A27_05075 410 Chloris TYC 1952–00849–1 Diam = 128.0 m = 11.9 m = 14.0  Dur = 5.4s Dmag = 2.2 Sun: 71° Moon: 163°	2027 may 25 14h 3.1m A27_05080 432 Pythia UCAC4 369–085480 Diam = 48.6 m = 12.0 m = 11.1  Dur = 6.5s Dmag = 0.4 Sun: 162° Moon: 41°	2027 may 25 16h36.5m A27_05114 739 Mandeville UCAC4 479–065761 Diam = 110.0 m = 12.5 m = 12.4  Dur = 11.4s Dmag = 0.7 Sun: 145° Moon: 48°
2027 may 26 20h29.1m A27_05056 210 Isabella TYC 5256–00259–1 Diam = 90.0 m = 11.4 m = 14.7  Dur = 3.0s Dmag = 3.3 Sun: 68° Moon: 41°	2027 may 27 14h46.5m A27_05157 7641 Cteatus TYC 7248–00514–1 Diam = 57.5 m = 10.9 m = 16.7  Dur = 3.4s Dmag = 5.8 Sun: 133° Moon: 119°	2027 may 27 14h58.2m A27_05115 744 Aguntina UCAC4 411–061573 Diam = 62.0 m = 11.1 m = 14.6  Dur = 5.4s Dmag = 3.5 Sun: 164° Moon: 89°	2027 may 28 16h23.0m A27_05067 319 Leona TYC 5663–00472–1 Diam = 73.3 m = 10.4 m = 15.7  Dur = 4.9s Dmag = 5.3 Sun: 159° Moon: 75°

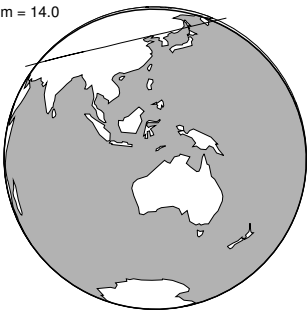
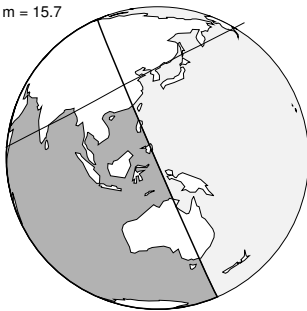
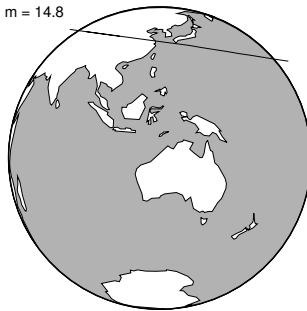
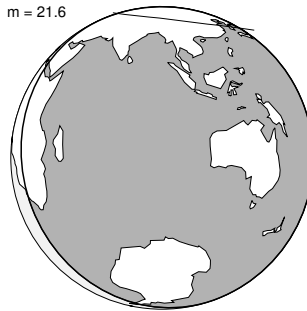
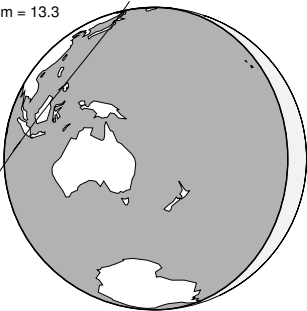
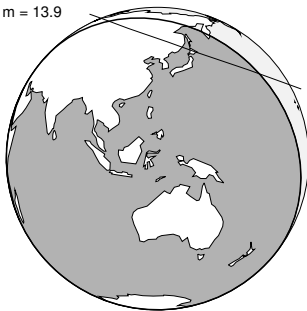
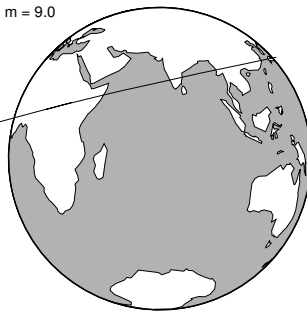
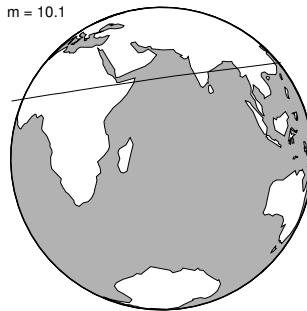
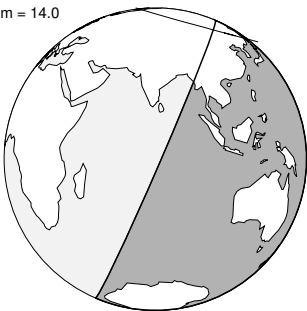
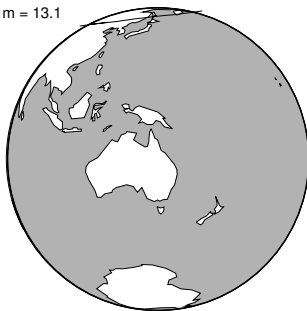
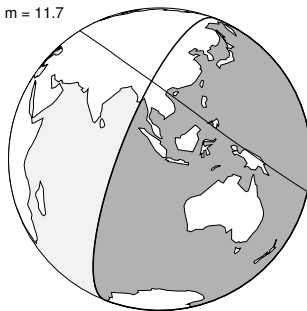
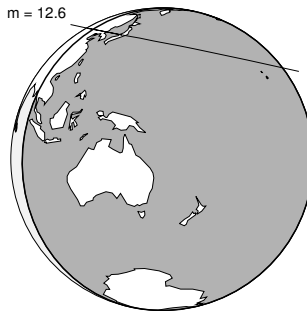
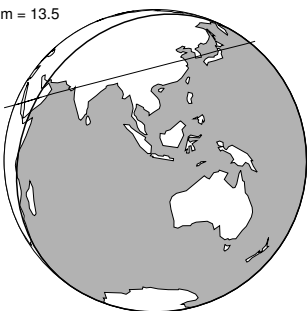
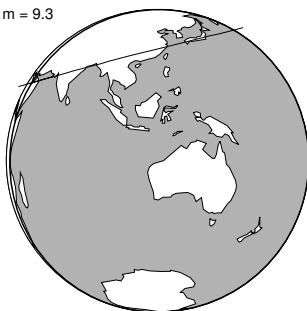
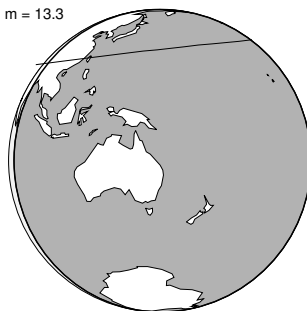
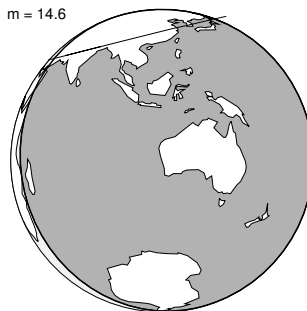
Occultations by major and minor planets – 2027

Region 7

2027 may 29 20h11.0m A27_05026 81 Terpsichore UCAC4 280–194670 Diam = 124.0 m = 12.3 m = 13.5  Dur = 11.5s Dmag = 1.6 Sun: 149° Moon: 76°	2027 jun 1 15h24.3m B27_06030 2010LQ68 UCAC4 326–167920 Diam = 125.9 m = 13.7 m = 23.3  Dur = 6.1s Dmag = 9.6 Sun: 152° Moon: 111°	2027 jun 2 14h38.9m A27_06161 2043 Ortutay UCAC4 377–065494 Diam = 49.6 m = 12.5 m = 16.3  Dur = 7.0s Dmag = 3.8 Sun: 136° Moon: 167°	2027 jun 4 13h38.3m B27_06032 2013JQ65 UCAC4 370–083370 Diam = 95.5 m = 13.8 m = 24.5  Dur = 3.9s Dmag = 10.6 Sun: 171° Moon: 166°
2027 jun 5 15h16.9m A27_06150 1254 Erfordia UCAC4 314–132224 Diam = 49.2 m = 12.4 m = 15.4  Dur = 4.3s Dmag = 3.1 Sun: 162° Moon: 175°	2027 jun 7 18h33.8m A27_06128 888 Parysatis UCAC4 389–097025 Diam = 44.8 m = 11.8 m = 14.2  Dur = 3.7s Dmag = 2.6 Sun: 155° Moon: 158°	2027 jun 10 14h53.6m A27_06002 7 Iris TYC 6198–00824–1 Diam = 329.6 m = 10.4 m = 9.7  Dur = 26.0s Dmag = 0.5 Sun: 160° Moon: 82°	2027 jun 10 14h56.4m A27_06054 239 Adrastea TYC 5731–01215–1 Diam = 43.0 m = 10.2 m = 15.0  Dur = 6.0s Dmag = 4.9 Sun: 144° Moon: 136°
2027 jun 12 13h27.5m A27_06089 542 Susanna UCAC4 422–069588 Diam = 43.5 m = 12.2 m = 13.7  Dur = 3.5s Dmag = 1.7 Sun: 162° Moon: 77°	2027 jun 13 17h44.9m B27_06036 2015KR173 UCAC4 369–076853 Diam = 83.2 m = 13.5 m = 24.6  Dur = 3.4s Dmag = 11.1 Sun: 166° Moon: 50°	2027 jun 14 19h27.7m A27_06022 44 Nysa UCAC4 356–102835 Diam = 73.3 m = 12.1 m = 10.5  Dur = 5.9s Dmag = 0.2 Sun: 175° Moon: 50°	2027 jun 16 14h 6.6m B27_06027 2004KK19 UCAC4 344–083961 Diam = 151.4 m = 14.9 m = 24.0  Dur = 6.1s Dmag = 9.1 Sun: 169° Moon: 18°
2027 jun 17 19h36.5m B27_06039 2017QU218 UCAC4 535–145817 Diam = 98.2 m = 13.7 m = 24.4  Dur = 7.4s Dmag = 10.7 Sun: 93° Moon: 101°	2027 jun 20 19h17.4m A27_06077 309 Fraternitas TYC 5821–00489–1 Diam = 54.7 m = 10.9 m = 14.8  Dur = 4.6s Dmag = 3.9 Sun: 103° Moon: 57°	2027 jun 22 15h47.1m A27_06006 11 Parthenope UCAC5 356–153786 Diam = 162.0 m = 12.5 m = 9.2  Dur = 19.2s Dmag = 0.1 Sun: 169° Moon: 30°	2027 jun 23 14h56.1m A27_06030 67 Asia UCAC4 393–097255 Diam = 60.0 m = 12.1 m = 10.4  Dur = 9.3s Dmag = 0.2 Sun: 164° Moon: 41°

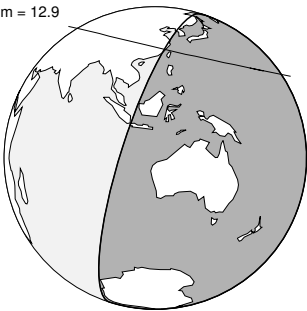
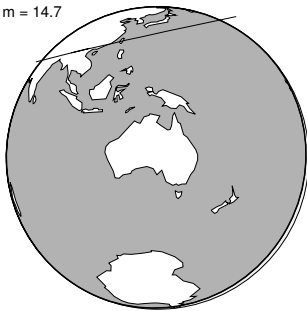
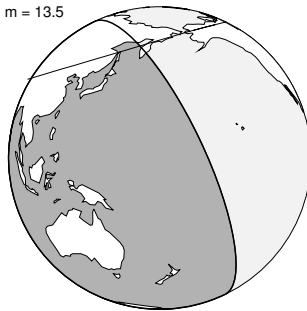
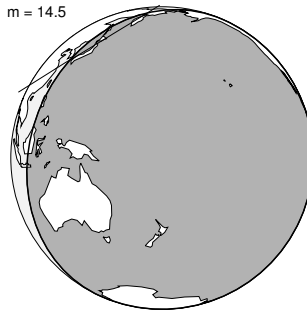
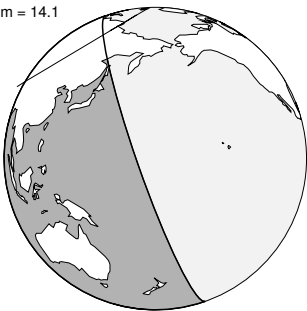
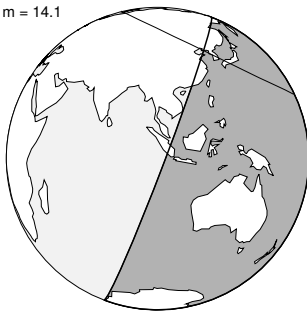
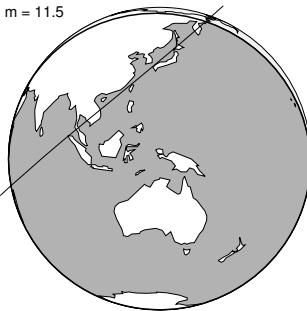
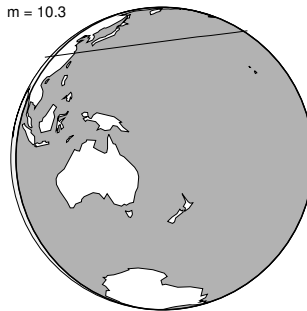
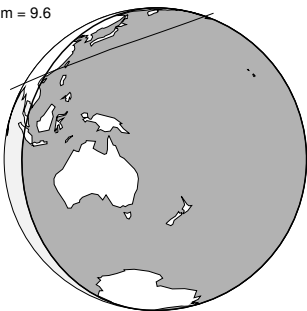
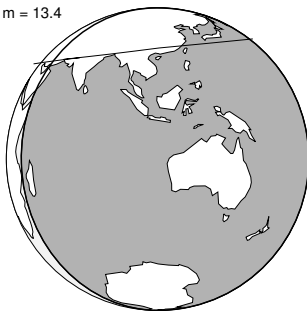
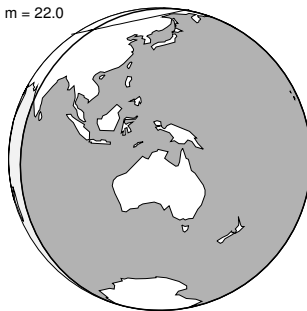
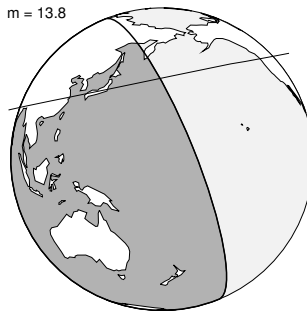
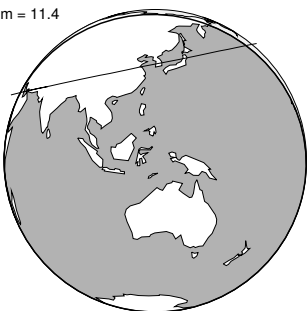
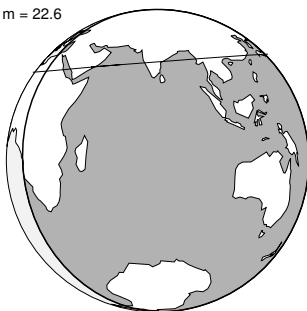
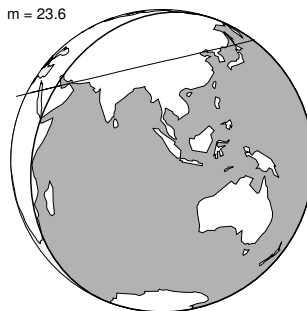
Occultations by major and minor planets – 2027

Region 7

2027 jun 23 16h 3.9m A27_06129 888 Parysatis TYC 5685–00933–1 Diam = 44.8 m = 11.6 m = 14.0  Dur = 3.1s Dmag = 2.4 Sun: 169° Moon: 47°	2027 jun 25 21h25.8m A27_06117 748 Simeisa TYC 0005–00621–1 Diam = 107.0 m = 15.7 m = 12.0  Dur = 6.7s Dmag = 3.7 Sun: 89° Moon: 16°	2027 jun 26 15h51.7m A27_06163 2307 Garuda UCAC4 358–143532 Diam = 45.1 m = 11.9 m = 14.8  Dur = 3.8s Dmag = 3.0 Sun: 175° Moon: 82°	2027 jun 29 16h17.9m B27_06010 310071 2010KR59 UCAC4 282–102605 Diam = 113.2 m = 13.4 m = 21.6  Dur = 5.1s Dmag = 8.2 Sun: 157° Moon: 140°
2027 jun 30 15h22.7m A27_06100 598 Octavia TYC 6929–01084–1 Diam = 74.7 m = 11.2 m = 13.3  Dur = 8.6s Dmag = 2.3 Sun: 151° Moon: 105°	2027 jun 30 17h 8.0m A27_06092 568 Cheruskia UCAC4 442–113478 Diam = 89.7 m = 11.3 m = 13.9  Dur = 6.9s Dmag = 2.7 Sun: 150° Moon: 107°	2027 jul 1 19h14.5m A27_07002 11 Parthenope PPMX 11678036 Diam = 162.0 m = 12.0 m = 9.0  Dur = 18.1s Dmag = 0.1 Sun: 176° Moon: 147°	2027 jul 7 20h18.2m A27_07011 20 Massalia TYC 6309–01612–1 Diam = 151.0 m = 9.5 m = 10.1  Dur = 12.0s Dmag = 1.1 Sun: 174° Moon: 133°
2027 jul 9 12h21.6m A27_07050 200 Dynamene UCAC4 390–057559 Diam = 132.0 m = 11.4 m = 14.0  Dur = 8.1s Dmag = 2.7 Sun: 87° Moon: 14°	2027 jul 9 13h54.3m A27_07063 240 Vanadis UCAC4 339–161829 Diam = 108.0 m = 11.1 m = 13.1  Dur = 8.2s Dmag = 2.1 Sun: 172° Moon: 98°	2027 jul 10 12h 8.8m A27_07010 17 Thetis TYC 4982–00174–1 Diam = 93.2 m = 11.1 m = 11.7  Dur = 8.3s Dmag = 1.1 Sun: 105° Moon: 22°	2027 jul 11 12h 0.5m A27_07120 675 Ludmilla UCAC4 346–113306 Diam = 109.1 m = 11.6 m = 12.6  Dur = 8.7s Dmag = 1.4 Sun: 157° Moon: 59°
2027 jul 11 15h14.3m A27_07086 339 Dorothea TYC 5660–00452–1 Diam = 43.7 m = 11.5 m = 13.5  Dur = 4.6s Dmag = 2.2 Sun: 152° Moon: 59°	2027 jul 11 15h21.6m A27_07004 11 Parthenope UCAC4 351–136508 Diam = 162.0 m = 11.6 m = 9.3  Dur = 19.1s Dmag = 0.1 Sun: 167° Moon: 68°	2027 jul 16 12h52.8m A27_07067 240 Vanadis UCAC4 338–164381 Diam = 108.0 m = 12.1 m = 13.3  Dur = 8.6s Dmag = 1.5 Sun: 164° Moon: 9°	2027 jul 16 14h59.3m A27_07154 971 Alsatia UCAC4 305–210624 Diam = 66.7 m = 12.4 m = 14.6  Dur = 5.3s Dmag = 2.3 Sun: 158° Moon: 3°

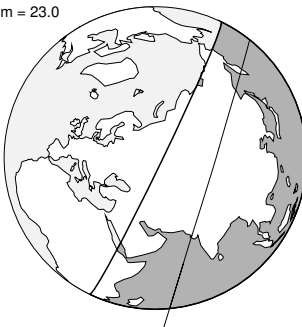
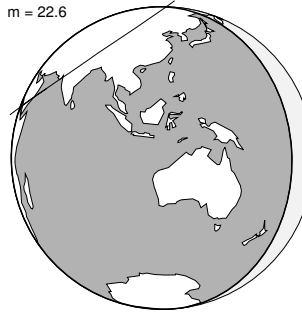
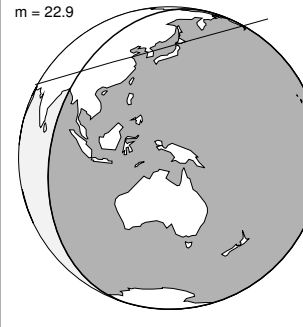
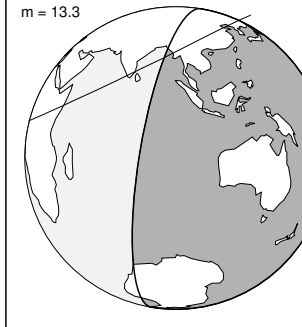
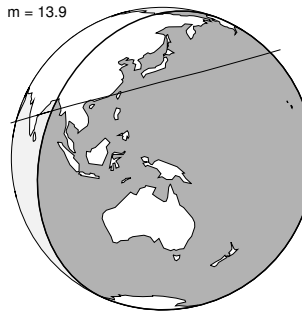
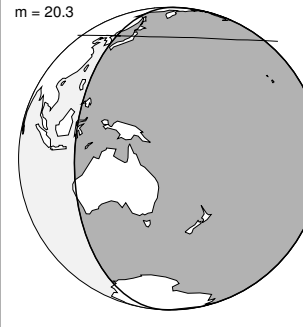
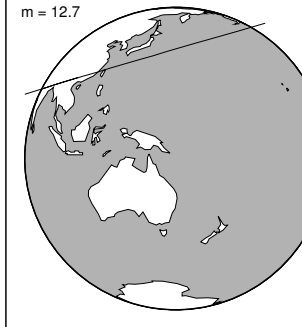
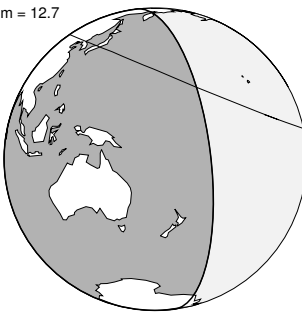
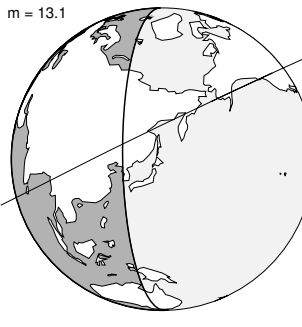
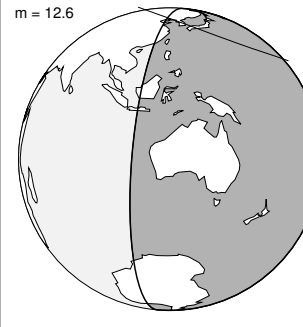
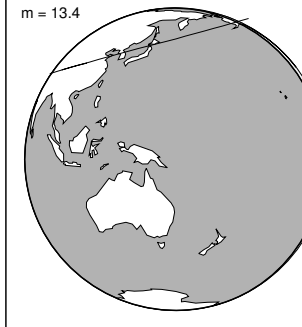
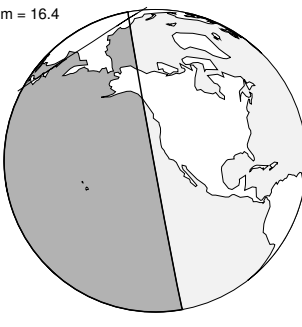
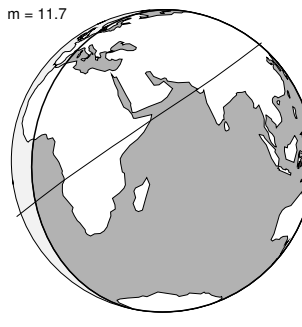
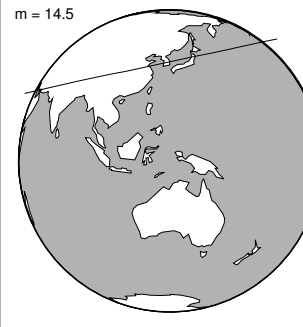
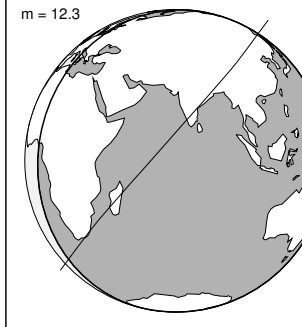
Occultations by major and minor planets – 2027

Region 7

2027 jul 19 10h53.5m A27_07021 47 Aglaja TYC 6147–01039–1 Diam = 137.0 m = 8.7 m = 12.9  Dur = 14.3s Dmag = 4.3 Sun: 103° Moon: 85°	2027 jul 19 15h49.8m A27_07117 671 Carnegia TYC 6933–00261–1 Diam = 63.7 m = 11.2 m = 14.7  Dur = 4.9s Dmag = 3.6 Sun: 166° Moon: 10°	2027 jul 19 17h20.7m A27_07096 485 Genua TYC 0596–00105–1 Diam = 68.2 m = 12.4 m = 13.5  Dur = 8.9s Dmag = 1.5 Sun: 106° Moon: 62°	2027 jul 20 10h29.2m A27_07149 928 Hildrun TYC 5679–01027–1 Diam = 69.7 m = 9.8 m = 14.5  Dur = 5.5s Dmag = 4.8 Sun: 150° Moon: 47°
2027 jul 21 18h37.1m A27_07081 325 Heidelberga TYC 1207–00442–1 Diam = 78.0 m = 10.8 m = 14.1  Dur = 3.6s Dmag = 3.3 Sun: 83° Moon: 63°	2027 jul 22 11h 6.8m A27_07053 206 Hersilia UCAC4 418–058155 Diam = 76.6 m = 12.4 m = 14.1  Dur = 4.2s Dmag = 1.9 Sun: 87° Moon: 134°	2027 jul 22 15h39.5m A27_07041 148 Gallia TYC 5184–00868–1 Diam = 104.0 m = 9.4 m = 11.5  Dur = 7.6s Dmag = 2.2 Sun: 162° Moon: 35°	2027 jul 24 12h 9.0m A27_07013 20 Massalia TYC 6295–00810–1 Diam = 151.0 m = 11.1 m = 10.3  Dur = 12.8s Dmag = 0.4 Sun: 165° Moon: 79°
2027 jul 25 11h23.6m A27_07007 11 Parthenope UCAC4 347–132282 Diam = 162.0 m = 12.2 m = 9.6  Dur = 26.1s Dmag = 0.1 Sun: 151° Moon: 103°	2027 jul 25 14h58.9m A27_07071 240 Vanadis TYC 6857–02492–1 Diam = 108.0 m = 11.3 m = 13.4  Dur = 9.9s Dmag = 2.3 Sun: 154° Moon: 103°	2027 jul 27 13h35.2m A27_07171 5145 Pholus TYC 6281–00138–1 Diam = 166.0 m = 10.9 m = 22.0  Dur = 6.9s Dmag = 11.0 Sun: 156° Moon: 121°	2027 jul 28 17h48.4m A27_07073 253 Mathilde PPMX 6822794 Diam = 61.0 m = 12.1 m = 13.8  Dur = 4.6s Dmag = 1.9 Sun: 102° Moon: 38°
2027 jul 30 15h59.3m A27_07056 233 Asterope TYC 5187–00563–1 Diam = 108.0 m = 9.7 m = 11.4  Dur = 11.7s Dmag = 1.9 Sun: 164° Moon: 130°	2027 jul 30 16h57.0m B27_07015 612351 2002GV32 UCAC4 325–186628 Diam = 138.7 m = 13.4 m = 22.6  Dur = 6.8s Dmag = 9.2 Sun: 152° Moon: 169°	2027 aug 6 15h26.2m A27_08132 2001KE77 UCAC5 416–108832 Diam = 151.4 m = 12.3 m = 23.6  Dur = 7.1s Dmag = 11.2 Sun: 148° Moon: 95°	2027 aug 6 15h26.3m B27_08020 2001KE77 UCAC4 416–115289 Diam = 151.4 m = 12.5 m = 23.6  Dur = 7.1s Dmag = 11.1 Sun: 148° Moon: 95°

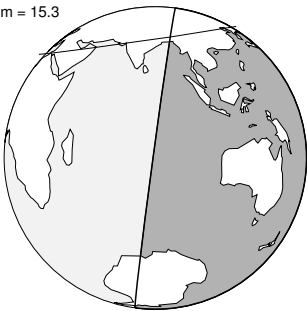
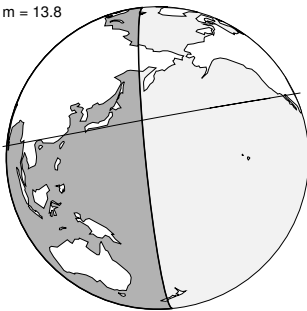
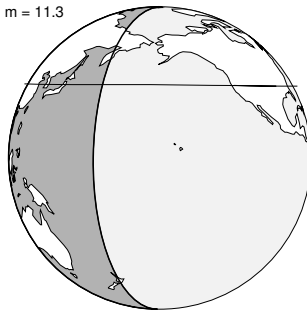
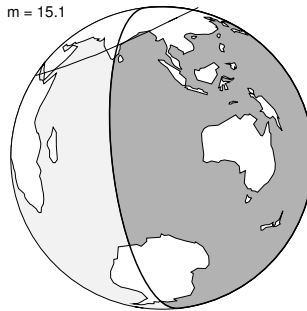
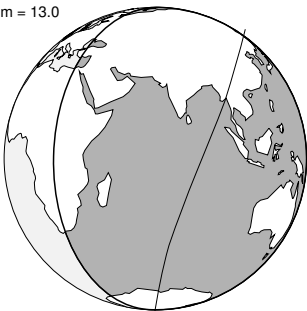
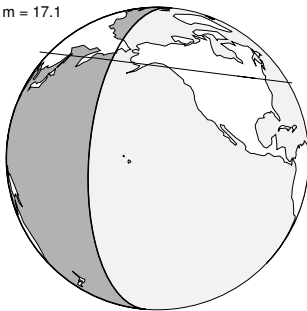
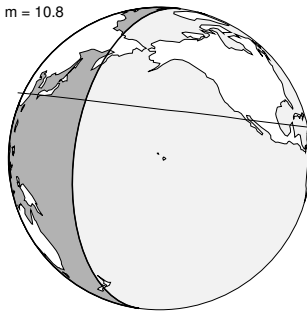
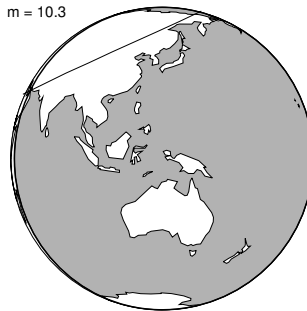
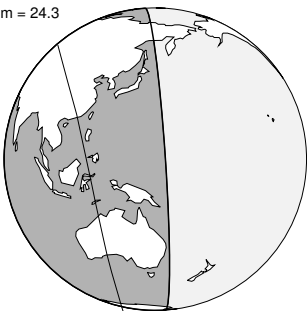
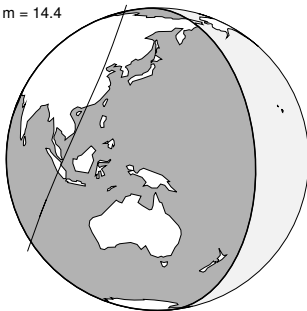
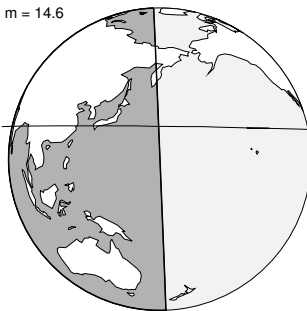
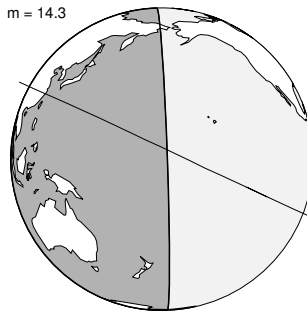
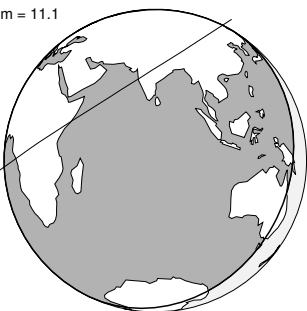
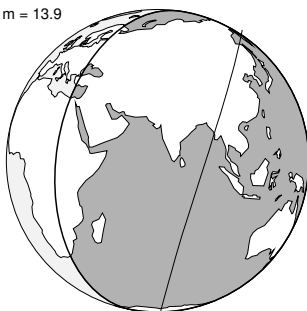
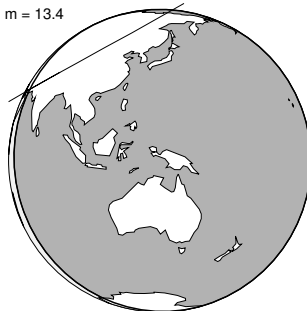
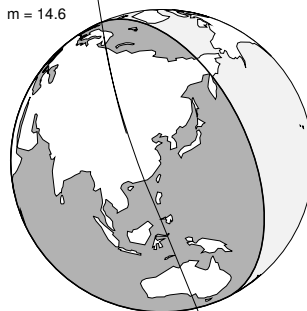
Occultations by major and minor planets – 2027

Region 7

2027 aug 6 15h47.0m B27_08003 127546 2002XU93 UCAC4 726–051645 Diam = 101.9 m = 14.9 m = 23.0  Dur = 3.1s Dmag = 8.1 Sun: 87° Moon: 80°	2027 aug 9 18h25.2m A27_08131 469333 2000PE30 TYC 6396–01070–1 Diam = 248.9 m = 11.3 m = 22.6  Dur = 11.5s Dmag = 11.3 Sun: 148° Moon: 111°	2027 aug 10 12h25.0m B27_08023 2003LE7 UCAC4 415–093202 Diam = 125.9 m = 14.7 m = 22.9  Dur = 6.7s Dmag = 8.3 Sun: 141° Moon: 44°	2027 aug 14 12h18.2m A27_08095 654 Zelinda UCAC4 324–082168 Diam = 132.0 m = 12.5 m = 13.3  Dur = 11.3s Dmag = 1.2 Sun: 104° Moon: 46°
2027 aug 15 20h58.6m A27_08030 204 Kallisto TYC 0583–01441–1 Diam = 50.8 m = 11.3 m = 12.6  Dur = 6.7s Dmag = 1.6 Sun: 148° Moon: 47°	2027 aug 16 12h25.2m A27_08082 568 Cheruskia TYC 5130–02073–1 Diam = 89.7 m = 8.6 m = 13.9  Dur = 9.1s Dmag = 5.3 Sun: 142° Moon: 30°	2027 aug 21 10h 0.4m B27_08008 459865 2013XZ8 Gaia 074–0210027 Diam = 52.7 m = 14.8 m = 20.3  Dur = 5.3s Dmag = 5.5 Sun: 129° Moon: 96°	2027 aug 21 14h 7.4m A27_08021 108 Hecuba UCAC4 386–151084 Diam = 67.0 m = 11.8 m = 12.7  Dur = 4.9s Dmag = 1.3 Sun: 176° Moon: 45°
2027 aug 21 17h51.3m A27_08110 814 Tauris TYC 5863–00602–1 Diam = 116.0 m = 10.3 m = 12.7  Dur = 10.7s Dmag = 2.5 Sun: 111° Moon: 38°	2027 aug 23 21h 3.9m A27_08014 71 Niobe UCAC4 674–031065 Diam = 87.3 m = 11.1 m = 13.1  Dur = 3.7s Dmag = 2.1 Sun: 74° Moon: 35°	2027 aug 25 10h37.6m A27_08072 432 Pythia UCAC4 314–096889 Diam = 48.6 m = 11.6 m = 12.6  Dur = 3.8s Dmag = 1.4 Sun: 104° Moon: 170°	2027 aug 26 14h34.4m A27_08052 309 Fraternitas TYC 5820–00222–1 Diam = 54.7 m = 10.8 m = 13.4  Dur = 6.1s Dmag = 2.8 Sun: 167° Moon: 97°
2027 aug 30 14h 6.8m A27_08088 591 Irmgard UCAC5 620–013923 Diam = 54.7 m = 12.5 m = 16.4  Dur = 3.3s Dmag = 3.9 Sun: 89° Moon: 74°	2027 aug 30 18h16.9m A27_08036 233 Asterope UCAC5 420–132105 Diam = 108.0 m = 12.5 m = 11.7  Dur = 15.7s Dmag = 0.4 Sun: 149° Moon: 162°	2027 aug 31 15h42.6m A27_08130 2025 Nortia UCAC4 430–120504 Diam = 45.0 m = 12.1 m = 14.5  Dur = 3.7s Dmag = 2.5 Sun: 173° Moon: 173°	2027 aug 31 17h37.5m A27_08025 136 Austria TYC 5200–01363–1 Diam = 41.7 m = 11.5 m = 12.3  Dur = 5.5s Dmag = 1.2 Sun: 155° Moon: 157°

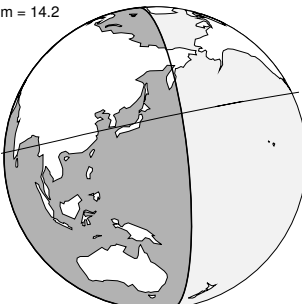
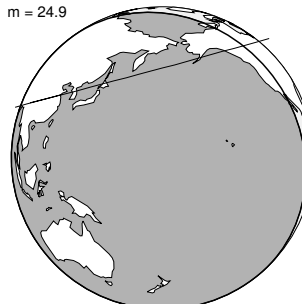
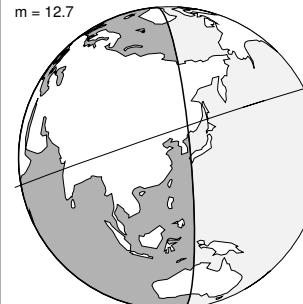
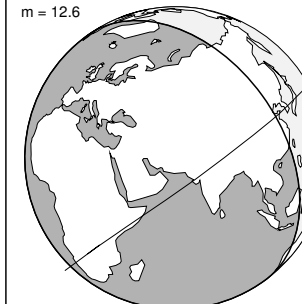
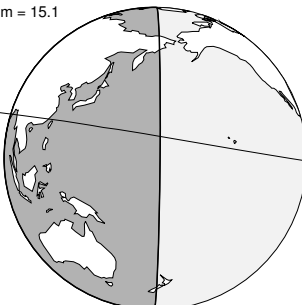
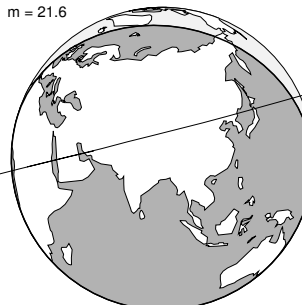
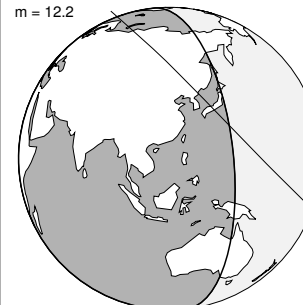
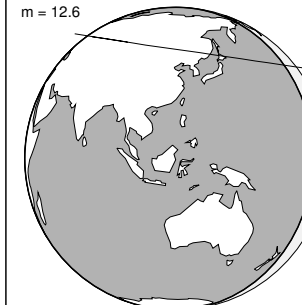
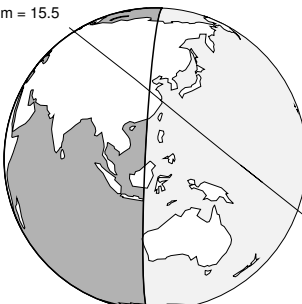
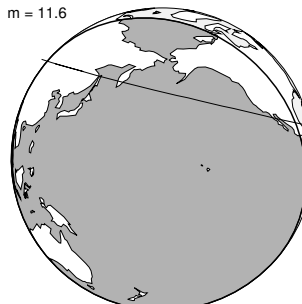
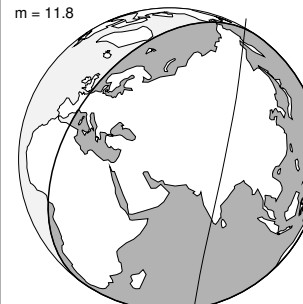
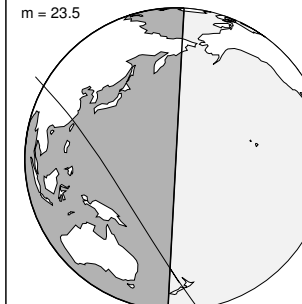
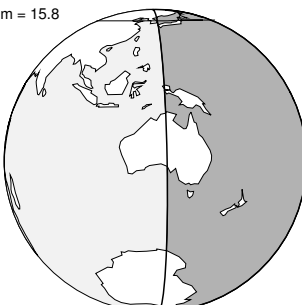
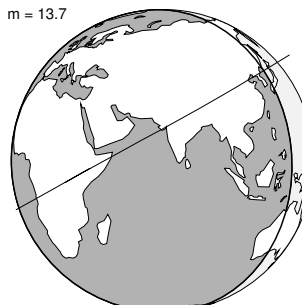
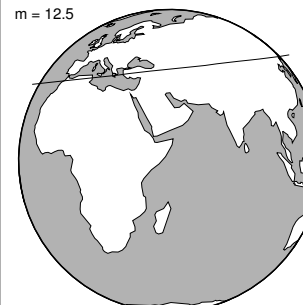
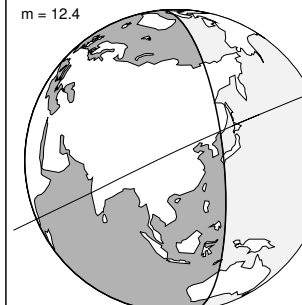
Occultations by major and minor planets – 2027

Region 7

2027 sep 4 12h 9.6m A27_09149 1086 Nata Gaia 062-0162700 Diam = 70.5 m = 11.1 m = 15.3  Dur = 4.5s Dmag = 4.2 Sun: 90° Moon: 40°	2027 sep 4 19h 7.0m A27_09023 66 Maja UCAC4 575-013219 Diam = 78.3 m = 11.7 m = 13.8  Dur = 3.7s Dmag = 2.2 Sun: 85° Moon: 140°	2027 sep 6 18h36.2m A27_09107 532 Herculina PPMX 6051072 Diam = 216.5 m = 12.5 m = 11.3  Dur = 7.3s Dmag = 0.3 Sun: 63° Moon: 140°	2027 sep 7 12h48.6m A27_09116 593 Titania UCAC4 275-176067 Diam = 78.2 m = 11.8 m = 15.1  Dur = 20.0s Dmag = 3.3 Sun: 109° Moon: 23°
2027 sep 7 16h14.4m A27_09055 156 Xanthippe UCAC4 413-132406 Diam = 126.0 m = 11.9 m = 13.0  Dur = 35.7s Dmag = 1.4 Sun: 132° Moon: 48°	2027 sep 8 17h21.1m A27_09164 2674 Pandarus TYC 1343-01076-1 Diam = 102.0 m = 10.9 m = 17.1  Dur = 4.0s Dmag = 6.2 Sun: 63° Moon: 163°	2027 sep 10 18h46.0m A27_09006 8 Flora TYC 1368-00959-1 Diam = 141.0 m = 10.6 m = 10.8  Dur = 4.0s Dmag = 0.8 Sun: 55° Moon: 176°	2027 sep 13 14h22.1m A27_09073 270 Anahita TYC 5236-00751-1 Diam = 52.2 m = 10.8 m = 10.3  Dur = 9.3s Dmag = 0.5 Sun: 167° Moon: 15°
2027 sep 14 19h43.3m B27_09024 2017WH30 UCAC5 490-009844 Diam = 186.2 m = 14.9 m = 24.3  Dur = 21.9s Dmag = 9.4 Sun: 93° Moon: 99°	2027 sep 17 17h39.9m A27_09121 653 Berenike UCAC4 460-003966 Diam = 43.3 m = 11.4 m = 14.4  Dur = 6.5s Dmag = 3.0 Sun: 130° Moon: 34°	2027 sep 17 19h 5.1m A27_09115 570 Kytthera PPMX 4981651 Diam = 106.0 m = 12.4 m = 14.6  Dur = 6.7s Dmag = 2.3 Sun: 90° Moon: 69°	2027 sep 18 17h34.1m A27_09079 304 Olga TYC 0126-00995-1 Diam = 68.5 m = 11.7 m = 14.3  Dur = 4.2s Dmag = 2.7 Sun: 92° Moon: 60°
2027 sep 19 20h 9.9m A27_09093 451 Patientia TYC 5852-01711-1 Diam = 230.0 m = 12.3 m = 11.1  Dur = 20.8s Dmag = 0.3 Sun: 152° Moon: 39°	2027 sep 20 15h59.9m A27_09076 276 Adelheid PPMX 7665040 Diam = 127.0 m = 12.0 m = 13.9  Dur = 10.9s Dmag = 2.1 Sun: 132° Moon: 94°	2027 sep 21 13h49.9m A27_09060 190 Ismene TYC 5241-00439-1 Diam = 126.5 m = 11.4 m = 13.4  Dur = 9.0s Dmag = 2.1 Sun: 163° Moon: 83°	2027 sep 21 18h53.0m A27_09120 648 Pippa TYC 2339-01541-1 Diam = 70.5 m = 11.3 m = 14.6  Dur = 20.6s Dmag = 3.4 Sun: 125° Moon: 17°

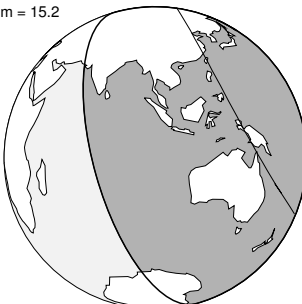
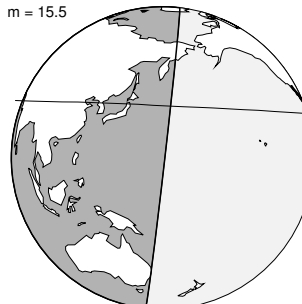
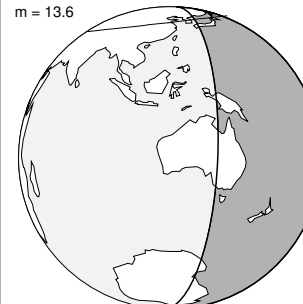
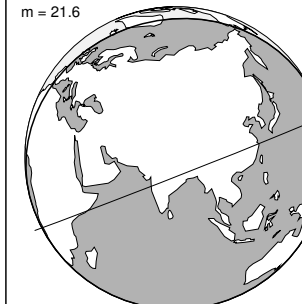
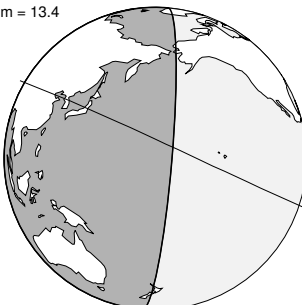
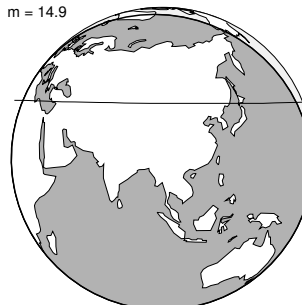
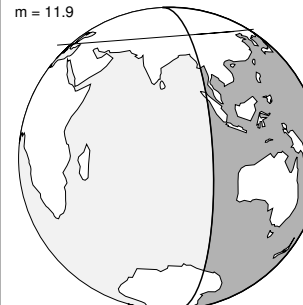
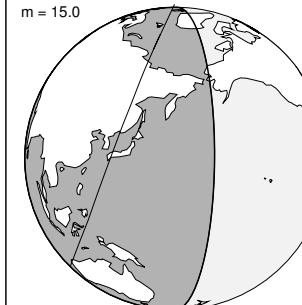
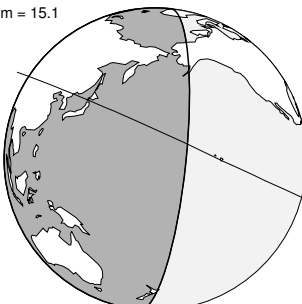
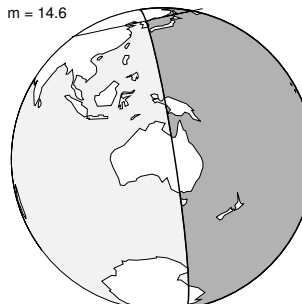
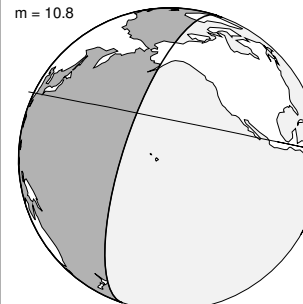
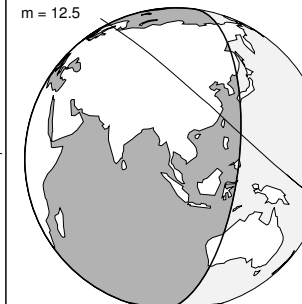
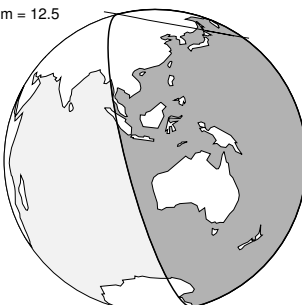
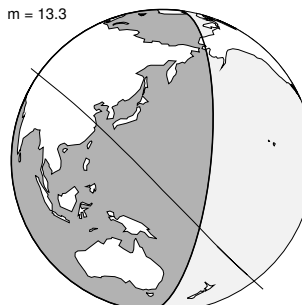
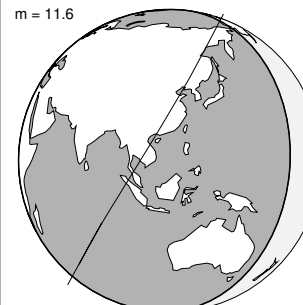
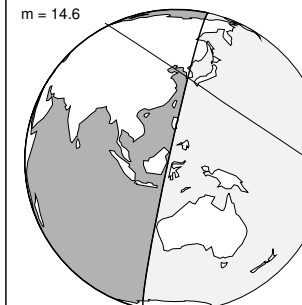
Occultations by major and minor planets – 2027

Region 7

2027 sep 21 19h 4.9m A27_09065 208 Lacrimosa UCAC4 572–013283 Diam = 44.3 m = 11.9 m = 14.2  Dur = 4.5s Dmag = 2.5 Sun: 102° Moon: 9°	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 23 21h11.1m A27_09035 78 Diana UCAC4 617–022283 Diam = 116.0 m = 12.3 m = 12.7  Dur = 7.4s Dmag = 1.0 Sun: 97° Moon: 16°	2027 sep 23 22h 1.7m A27_09096 480 Hansa UCAC4 605–006467 Diam = 58.0 m = 12.3 m = 12.6  Dur = 10.8s Dmag = 0.9 Sun: 134° Moon: 54°
2027 sep 25 18h23.1m A27_09105 530 Turandot TYC 1313–01038–1 Diam = 89.3 m = 10.2 m = 15.1  Dur = 6.9s Dmag = 5.0 Sun: 91° Moon: 34°	2027 sep 26 18h21.1m B27_09003 523627 2008QB43 UCAC4 599–001578 Diam = 295.1 m = 13.3 m = 21.6  Dur = 12.3s Dmag = 8.3 Sun: 150° Moon: 115°	2027 sep 26 20h27.9m A27_09072 258 Tyche HIP 20916 Diam = 67.7 m = 6.4 m = 12.2  Dur = 7.9s Dmag = 5.7 Sun: 114° Moon: 71°	2027 sep 28 17h37.5m A27_09085 326 Tamara UCAC4 458–002611 Diam = 100.0 m = 12.3 m = 12.6  Dur = 7.9s Dmag = 0.9 Sun: 154° Moon: 136°
2027 sep 28 22h11.4m A27_09147 978 Aidamina UCAC4 488–026595 Diam = 82.5 m = 11.8 m = 15.5  Dur = 4.2s Dmag = 3.8 Sun: 86° Moon: 70°	2027 sep 29 12h40.7m A27_09139 804 Hispania UCAC4 574–003281 Diam = 140.6 m = 11.7 m = 11.6  Dur = 13.2s Dmag = 0.7 Sun: 151° Moon: 146°	2027 sep 30 17h25.4m A27_09144 914 Palisana UCAC4 627–120513 Diam = 79.0 m = 11.1 m = 11.8  Dur = 8.5s Dmag = 1.2 Sun: 133° Moon: 134°	2027 sep 30 18h33.6m B27_09011 2002VF130 UCAC4 535–028283 Diam = 182.0 m = 13.2 m = 23.5  Dur = 30.3s Dmag = 10.3 Sun: 89° Moon: 98°
2027 oct 1 9h 1.9m A27_10162 971 Alsatia UCAC4 298–181657 Diam = 66.7 m = 12.4 m = 15.8  Dur = 4.0s Dmag = 3.4 Sun: 85° Moon: 68°	2027 oct 4 21h 9.4m A27_10073 269 Justitia TYC 0640–00797–1 Diam = 54.7 m = 9.8 m = 13.7  Dur = 5.5s Dmag = 4.0 Sun: 148° Moon: 148°	2027 oct 6 20h20.1m A27_10160 932 Hooveria TYC 0013–00060–2 Diam = 41.7 m = 10.1 m = 12.5  Dur = 4.1s Dmag = 2.5 Sun: 177° Moon: 94°	2027 oct 7 21h17.6m A27_10016 78 Diana UCAC4 623–025925 Diam = 116.0 m = 12.1 m = 12.4  Dur = 10.8s Dmag = 0.9 Sun: 108° Moon: 155°

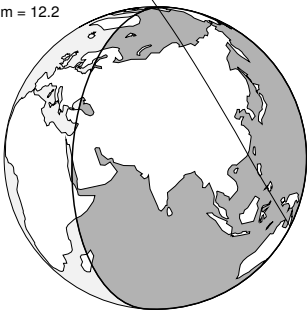
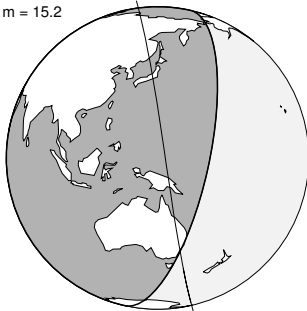
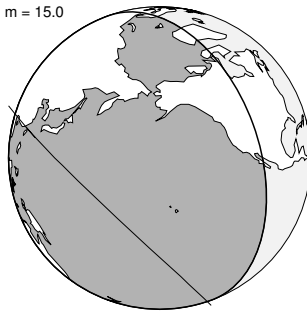
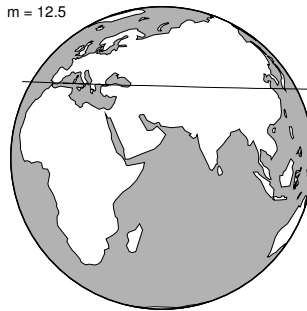
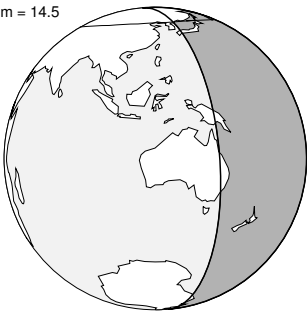
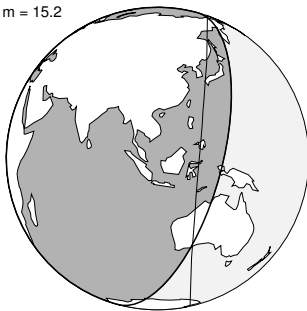
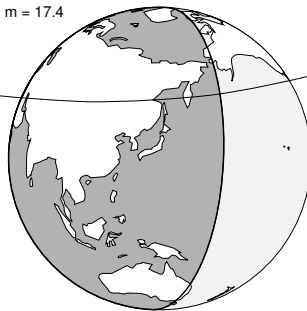
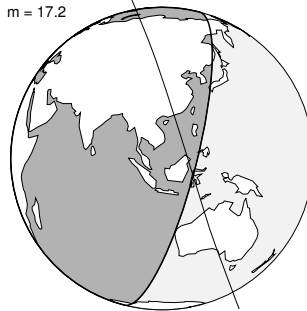
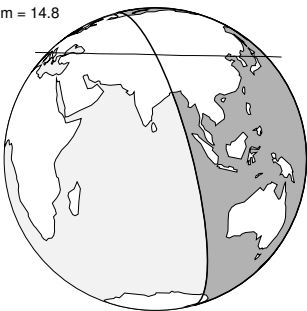
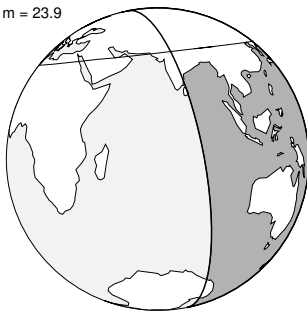
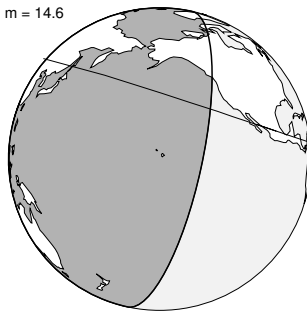
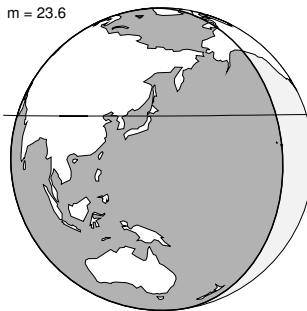
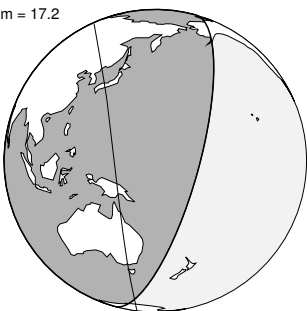
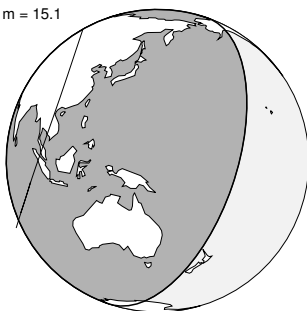
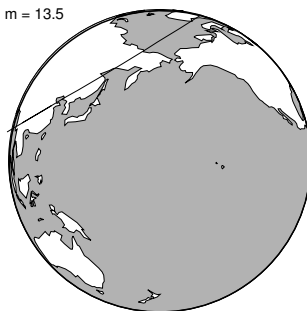
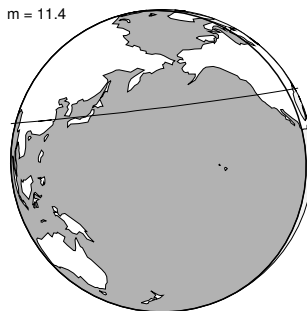
Occultations by major and minor planets – 2027

Region 7

2027 oct 9 13h 1.0m A27_10177 1585 Union TYC 6348–01090–1 Diam = 52.1 m = 10.5 m = 15.2  Dur = 6.1s Dmag = 4.7 Sun: 114° Moon: 2°	2027 oct 9 19h20.3m A27_10125 638 Moira PPMX 6076342 Diam = 68.0 m = 12.4 m = 15.5  Dur = 4.7s Dmag = 3.2 Sun: 90° Moon: 154°	2027 oct 10 8h41.6m A27_10032 120 Lachesis UCAC4 307–133784 Diam = 178.0 m = 11.7 m = 13.6  Dur = 6.6s Dmag = 2.1 Sun: 71° Moon: 50°	2027 oct 10 17h47.6m B27_10009 523627 2008QB43 UCAC4 599–001513 Diam = 295.1 m = 14.0 m = 21.6  Dur = 11.8s Dmag = 7.5 Sun: 156° Moon: 61°
2027 oct 10 17h49.8m A27_10133 690 Wratislavia PPMX 6056052 Diam = 140.0 m = 12.3 m = 13.4  Dur = 11.2s Dmag = 1.5 Sun: 96° Moon: 138°	2027 oct 14 17h57.0m A27_10176 1524 Joensuu TYC 1760–02247–1 Diam = 45.8 m = 10.8 m = 14.9  Dur = 4.0s Dmag = 4.2 Sun: 159° Moon: 27°	2027 oct 15 11h13.1m A27_10022 88 Thisbe UCAC4 344–136244 Diam = 232.0 m = 12.3 m = 11.9  Dur = 8.3s Dmag = 0.6 Sun: 73° Moon: 105°	2027 oct 16 18h 7.4m A27_10166 1093 Freda TYC 2447–00078–1 Diam = 120.0 m = 11.2 m = 15.0  Dur = 10.3s Dmag = 3.8 Sun: 104° Moon: 60°
2027 oct 18 17h22.7m A27_10165 1001 Gaussia TYC 1356–00551–1 Diam = 78.3 m = 12.1 m = 15.1  Dur = 7.4s Dmag = 3.0 Sun: 101° Moon: 40°	2027 oct 19 8h40.4m A27_10095 447 Valentine TYC 6893–01666–1 Diam = 82.0 m = 11.5 m = 14.6  Dur = 4.3s Dmag = 3.2 Sun: 85° Moon: 141°	2027 oct 19 17h19.9m A27_10006 9 Metis UCAC4 550–047003 Diam = 231.2 m = 11.6 m = 10.8  Dur = 8.4s Dmag = 0.4 Sun: 71° Moon: 57°	2027 oct 20 21h27.2m A27_10080 287 Nephthys TYC 0721–01775–1 Diam = 70.1 m = 11.7 m = 12.5  Dur = 13.0s Dmag = 1.2 Sun: 114° Moon: 16°
2027 oct 21 11h 4.2m A27_10025 97 Klotho UCAC5 370–173366 Diam = 87.1 m = 12.5 m = 12.5  Dur = 8.3s Dmag = 0.8 Sun: 101° Moon: 152°	2027 oct 24 18h29.9m A27_10134 690 Wratislavia TYC 1339–00552–1 Diam = 140.0 m = 10.7 m = 13.3  Dur = 19.7s Dmag = 2.7 Sun: 108° Moon: 45°	2027 oct 25 18h38.8m A27_10070 258 Tyche TYC 0677–00579–1 Diam = 67.7 m = 11.1 m = 11.6  Dur = 8.1s Dmag = 1.0 Sun: 142° Moon: 93°	2027 oct 25 21h50.8m A27_10100 483 Seppina UCAC4 459–040865 Diam = 73.5 m = 11.8 m = 14.6  Dur = 4.4s Dmag = 2.9 Sun: 87° Moon: 41°

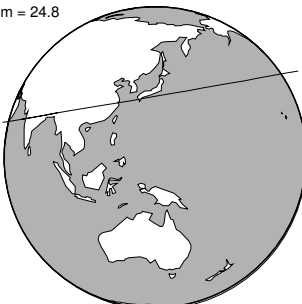
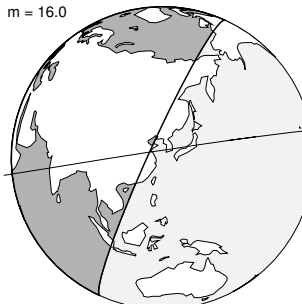
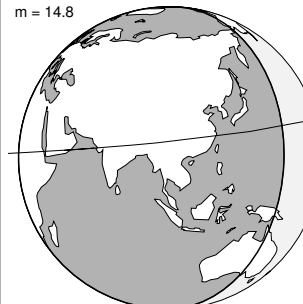
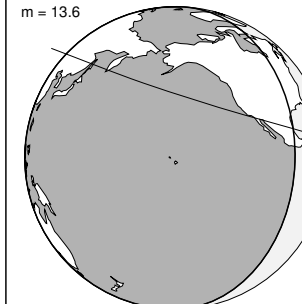
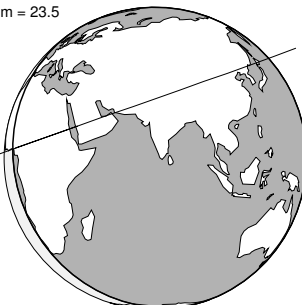
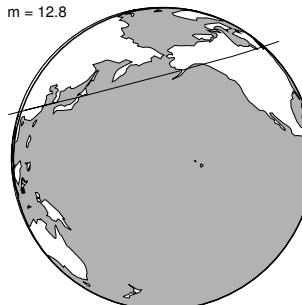
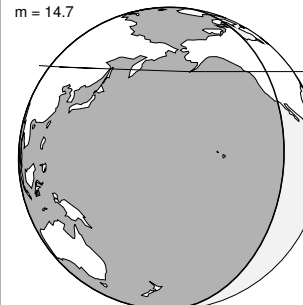
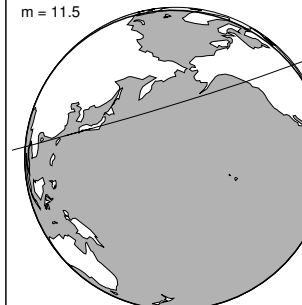
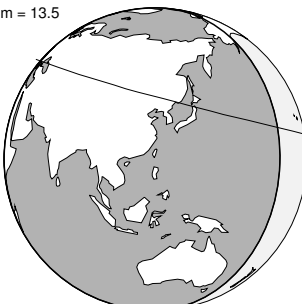
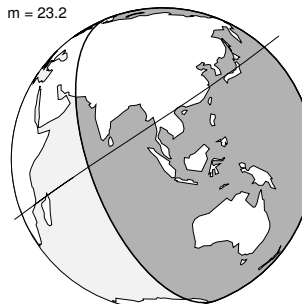
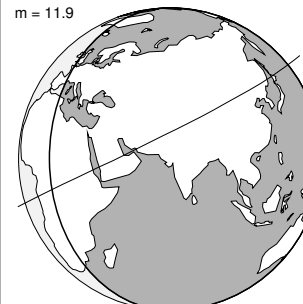
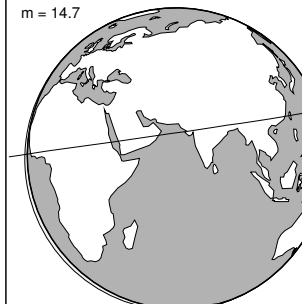
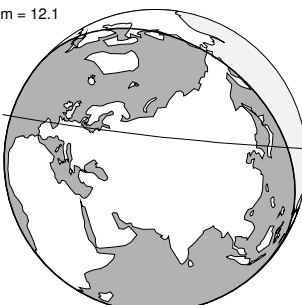
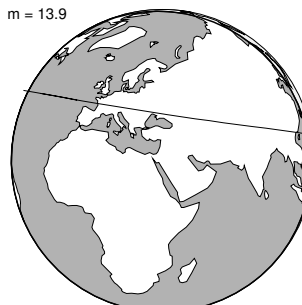
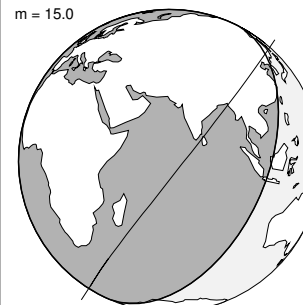
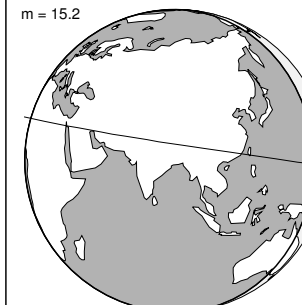
Occultations by major and minor planets – 2027

Region 7

2027 oct 26 14h47.9m A27_10157 914 Palisana UCAC4 593–137166 Diam = 79.0 m = 11.7 m = 12.2  Dur = 6.3s Dmag = 1.1 Sun: 123° Moon: 146°	2027 oct 27 19h 2.3m A27_10163 978 Aidamina UCAC4 467–021457 Diam = 82.5 m = 12.2 m = 15.2  Dur = 6.9s Dmag = 3.1 Sun: 109° Moon: 87°	2027 oct 28 13h39.8m A27_10178 1735 ITA TYG 2900–01310–1 Diam = 66.0 m = 8.8 m = 15.0  Dur = 6.7s Dmag = 6.3 Sun: 130° Moon: 121°	2027 oct 29 19h44.3m A27_10155 912 Maritima HIP 9828 Diam = 86.6 m = 6.9 m = 12.5  Dur = 5.9s Dmag = 5.6 Sun: 178° Moon: 173°
2027 oct 31 8h16.8m A27_10142 758 Mancunia UCAC4 331–184689 Diam = 86.5 m = 12.1 m = 14.5  Dur = 3.1s Dmag = 2.5 Sun: 64° Moon: 43°	2027 nov 2 20h50.0m A27_11125 978 Aidamina TYC 0152–01088–1 Diam = 82.5 m = 9.8 m = 15.2  Dur = 7.3s Dmag = 5.4 Sun: 115° Moon: 154°	2027 nov 3 19h 3.7m A27_11141 5120 Bitias TYC 2455–01704–1 Diam = 52.5 m = 11.0 m = 17.4  Dur = 19.8s Dmag = 6.4 Sun: 114° Moon: 172°	2027 nov 3 21h42.1m A27_11138 2223 Sarpedon UCAC5 478–038801 Diam = 105.0 m = 12.5 m = 17.2  Dur = 10.6s Dmag = 4.7 Sun: 103° Moon: 159°
2027 nov 4 11h25.7m A27_11092 568 Cheruskia TYC 5153–00460–1 Diam = 89.7 m = 10.3 m = 14.8  Dur = 3.9s Dmag = 4.6 Sun: 76° Moon: 19°	2027 nov 6 12h 9.5m B27_11014 2011HF103 UCAC4 354–181600 Diam = 143.9 m = 13.9 m = 23.9  Dur = 10.2s Dmag = 10.0 Sun: 72° Moon: 20°	2027 nov 7 15h21.8m A27_11038 167 Urda TYC 1367–01843–1 Diam = 42.2 m = 10.3 m = 14.6  Dur = 5.8s Dmag = 4.2 Sun: 106° Moon: 150°	2027 nov 7 16h29.4m B27_11011 2003WV188 PPMX 4972244 Diam = 162.2 m = 12.8 m = 23.6  Dur = 8.2s Dmag = 10.9 Sun: 142° Moon: 112°
2027 nov 7 18h 5.3m A27_11139 2223 Sarpedon TYC 0188–01003–1 Diam = 105.0 m = 12.4 m = 17.2  Dur = 11.6s Dmag = 4.8 Sun: 106° Moon: 145°	2027 nov 9 17h28.3m A27_11126 978 Aidamina HIP 32520 Diam = 82.5 m = 6.6 m = 15.1  Dur = 7.3s Dmag = 8.5 Sun: 121° Moon: 109°	2027 nov 10 11h28.4m A27_11109 764 Gedania TYC 1767–00423–1 Diam = 60.5 m = 10.7 m = 13.5  Dur = 4.9s Dmag = 2.8 Sun: 171° Moon: 41°	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°

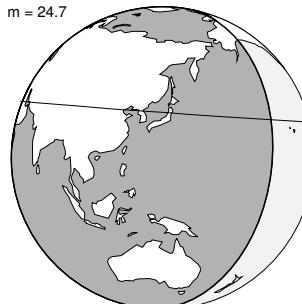
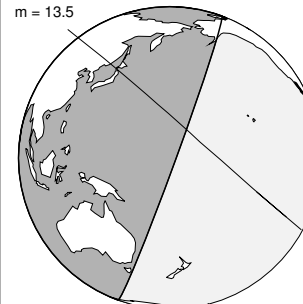
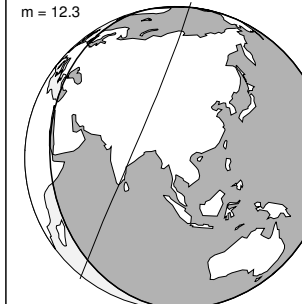
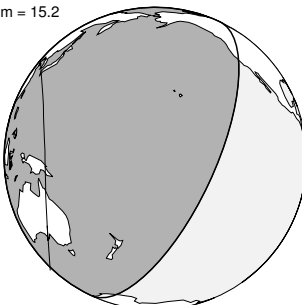
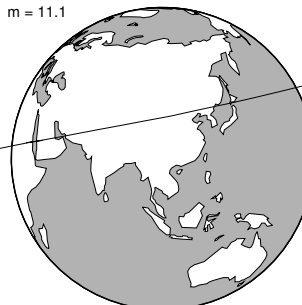
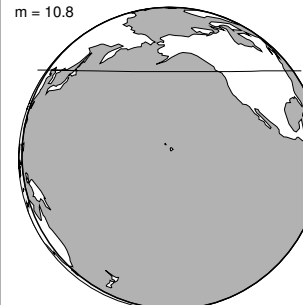
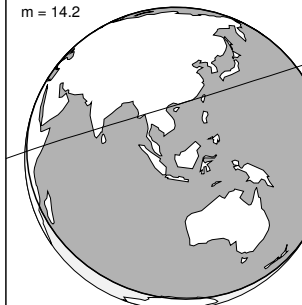
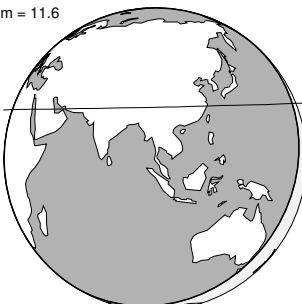
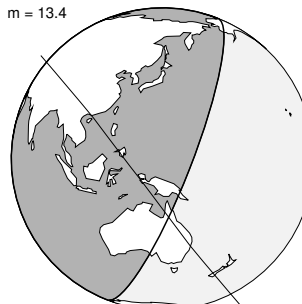
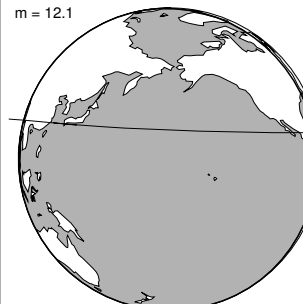
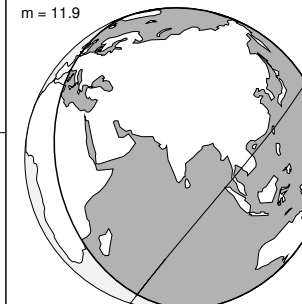
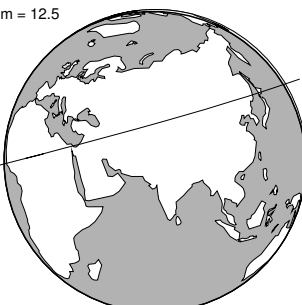
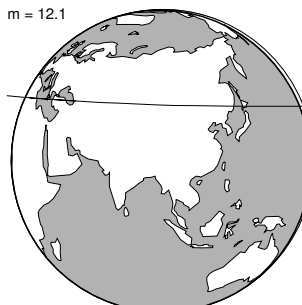
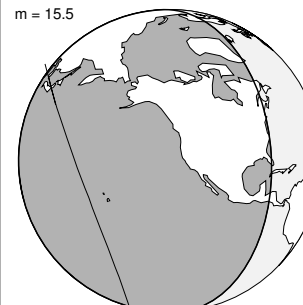
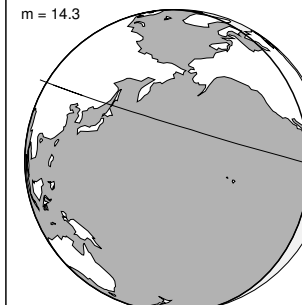
Occultations by major and minor planets – 2027

Region 7

2027 nov 10 14h49.2m B27_11017 2013TH159 UCAC4 497-004563 Diam = 79.4 m = 24.8  Dur = 3.0s Dmag = 11.0 Sun: 171° Moon: 46°	2027 nov 10 22h38.6m A27_11128 1042 Amazone TYC 2513-00150-1 Diam = 76.7 m = 16.0  Dur = 3.8s Dmag = 5.2 Sun: 84° Moon: 129°	2027 nov 11 19h53.2m A27_11074 461 Saskia UCAC4 557-022235 Diam = 45.7 m = 12.2 Diam = 14.8 m = 14.8  Dur = 11.2s Dmag = 2.7 Sun: 139° Moon: 70°	2027 nov 12 12h47.2m A27_11106 752 Sulamitis TYC 1311-00950-1 Diam = 65.7 m = 13.6  Dur = 14.1s Dmag = 5.3 Sun: 141° Moon: 58°
2027 nov 12 17h22.1m A27_11143 2006QF181 TYC 0622-00932-1 Diam = 165.2 m = 10.1 m = 23.5  Dur = 7.1s Dmag = 13.3 Sun: 157° Moon: 9°	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 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 12h 7.1m A27_11016 38 Leda UCAC5 599-008951 Diam = 120.0 m = 12.5 m = 11.5  Dur = 12.1s Dmag = 0.4 Sun: 167° Moon: 6°
2027 nov 15 18h 6.4m A27_11105 752 Sulamitis UCAC4 558-020307 Diam = 65.7 m = 11.8 m = 13.5  Dur = 11.7s Dmag = 1.9 Sun: 145° Moon: 15°	2027 nov 17 13h 1.5m B27_11007 612575 2003QK91 UCAC4 456-123839 Diam = 149.3 m = 14.4 m = 23.2  Dur = 17.3s Dmag = 8.8 Sun: 118° Moon: 105°	2027 nov 17 16h20.6m A27_11113 804 Hispania TYC 1739-01257-1 Diam = 140.6 m = 11.2 m = 11.9  Dur = 22.4s Dmag = 1.2 Sun: 142° Moon: 80°	2027 nov 17 18h38.9m A27_11053 267 Tirza TYC 0643-00486-1 Diam = 53.6 m = 11.3 m = 14.7  Dur = 4.2s Dmag = 3.4 Sun: 167° Moon: 60°
2027 nov 17 20h52.2m A27_11020 71 Niobe TYC 3357-01177-1 Diam = 87.3 m = 11.6 m = 12.1  Dur = 6.9s Dmag = 1.0 Sun: 141° Moon: 35°	2027 nov 18 22h 6.1m A27_11115 845 Naema TYC 1828-01493-1 Diam = 57.5 m = 12.3 m = 13.9  Dur = 4.4s Dmag = 1.9 Sun: 165° Moon: 50°	2027 nov 18 22h25.4m A27_11127 978 Aidamina TYC 0147-01166-1 Diam = 82.5 m = 8.5 m = 15.0  Dur = 6.9s Dmag = 6.5 Sun: 129° Moon: 28°	2027 nov 19 19h34.7m A27_11137 2219 Mannucci TYC 1847-00574-1 Diam = 45.0 m = 10.5 m = 15.2  Dur = 4.2s Dmag = 4.7 Sun: 155° Moon: 49°

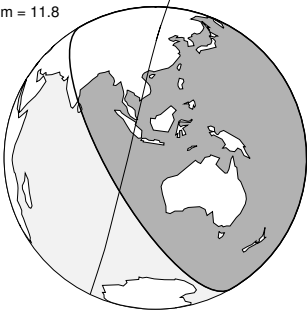
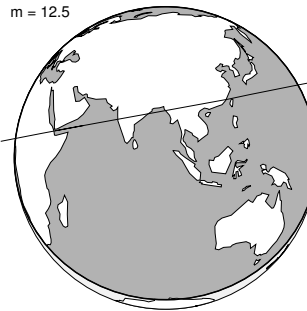
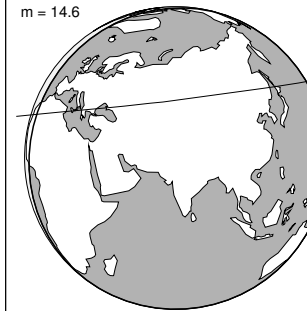
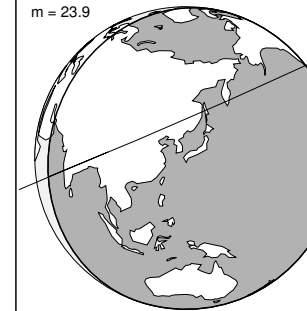
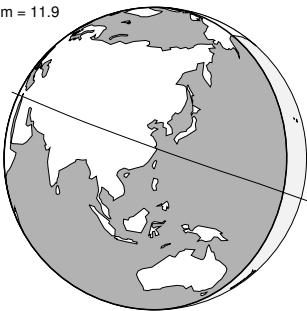
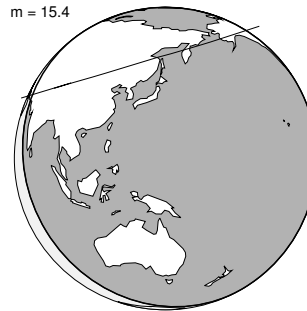
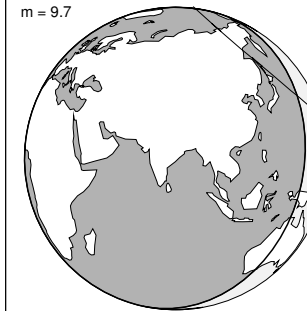
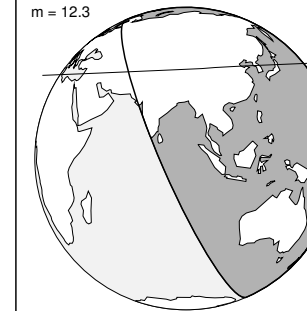
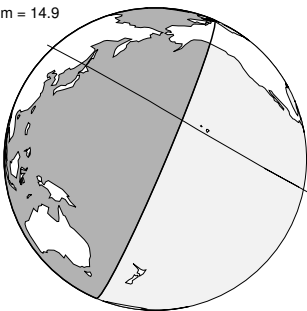
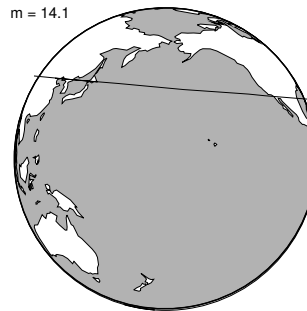
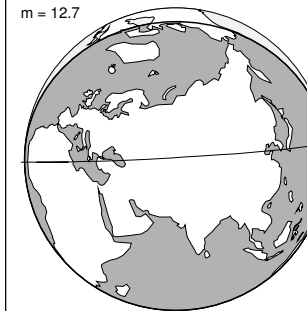
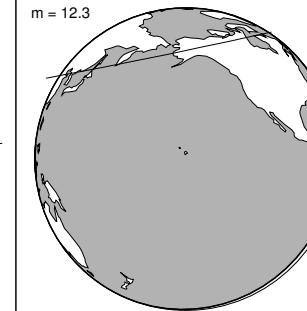
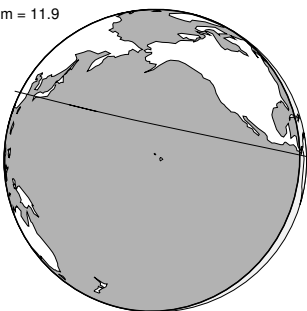
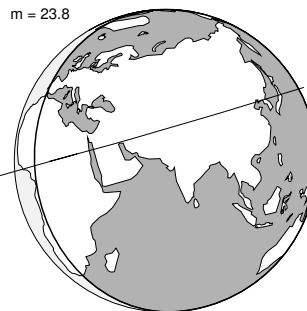
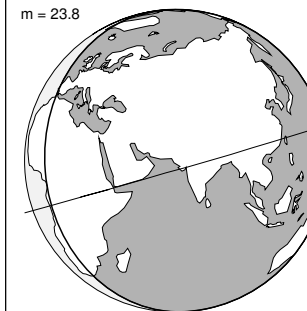
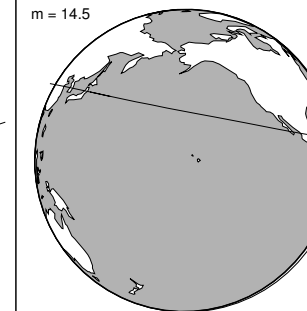
Occultations by major and minor planets – 2027

Region 7

2027 nov 21 15h28.2m A27_11044 208 Lacrimosa UCAC5 574–011138 Diam = 44.3 m = 12.4 m = 13.1  Dur = 3.8s Dmag = 1.1 Sun: 165° Moon: 84°	2027 nov 21 17h45.1m B27_11013 2006US321 UCAC4 558–035799 Diam = 83.2 m = 14.7 m = 24.7  Dur = 4.8s Dmag = 10.0 Sun: 136° Moon: 56°	2027 nov 22 18h32.3m A27_11043 198 Ampella PPMX 8308196 Diam = 58.7 m = 12.4 m = 13.5  Dur = 4.3s Dmag = 1.4 Sun: 92° Moon: 25°	2027 nov 25 14h42.1m A27_11075 480 Hansa TYC 1208–00281–1 Diam = 58.0 m = 11.4 m = 12.3  Dur = 5.0s Dmag = 1.3 Sun: 146° Moon: 176°
2027 nov 25 15h 2.0m A27_11107 756 Lilliana UCAC4 425–045547 Diam = 73.0 m = 12.4 m = 15.2  Dur = 6.9s Dmag = 2.9 Sun: 112° Moon: 83°	2027 nov 25 16h49.0m A27_11036 135 Hertha UCAC4 572–009394 Diam = 82.0 m = 11.6 m = 11.1  Dur = 7.3s Dmag = 0.5 Sun: 176° Moon: 151°	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 2 15h50.4m A27_12053 225 Henrietta UCAC4 451–005310 Diam = 124.0 m = 12.3 m = 14.2  Dur = 8.2s Dmag = 2.1 Sun: 156° Moon: 113°
2027 dec 2 18h33.6m A27_12061 287 Nephthys UCAC4 495–016060 Diam = 70.1 m = 12.4 m = 11.6  Dur = 6.9s Dmag = 0.4 Sun: 156° Moon: 143°	2027 dec 2 19h47.7m A27_12051 198 Ampella UCAC4 477–047194 Diam = 58.7 m = 12.4 m = 13.4  Dur = 6.1s Dmag = 1.4 Sun: 100° Moon: 153°	2027 dec 3 12h22.3m A27_12014 66 Maja UCAC4 592–019291 Diam = 78.3 m = 12.2 m = 12.1  Dur = 9.4s Dmag = 0.7 Sun: 165° Moon: 132°	2027 dec 3 16h 5.1m A27_12085 409 Aspasia UCAC4 535–003456 Diam = 168.0 m = 12.3 m = 11.9  Dur = 20.0s Dmag = 0.6 Sun: 142° Moon: 80°
2027 dec 3 19h28.5m A27_12099 476 Hedwig UCAC4 608–017378 Diam = 121.0 m = 12.4 m = 12.5  Dur = 9.1s Dmag = 0.8 Sun: 168° Moon: 122°	2027 dec 4 18h20.8m A27_12013 66 Maja TYC 1860–01161–1 Diam = 78.3 m = 10.0 m = 12.1  Dur = 9.2s Dmag = 2.2 Sun: 167° Moon: 117°	2027 dec 5 12h 2.6m A27_12161 926 Imhilde Gaia 129–0076626 Diam = 50.5 m = 11.3 m = 15.5  Dur = 5.2s Dmag = 4.1 Sun: 132° Moon: 138°	2027 dec 6 13h52.3m A27_12083 401 Ottilia UCAC5 599–034751 Diam = 103.0 m = 12.5 m = 14.3  Dur = 9.2s Dmag = 2.0 Sun: 151° Moon: 113°

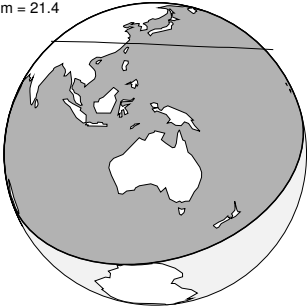
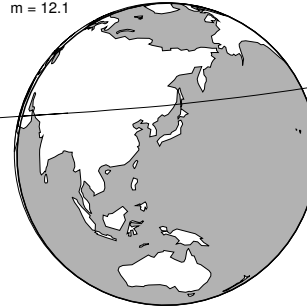
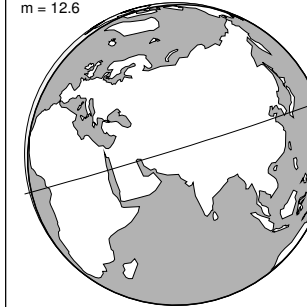
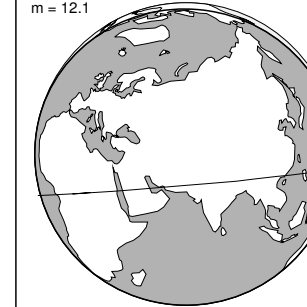
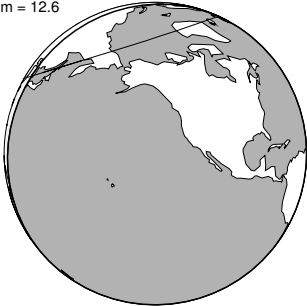
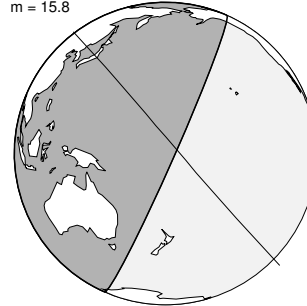
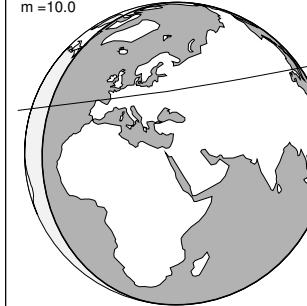
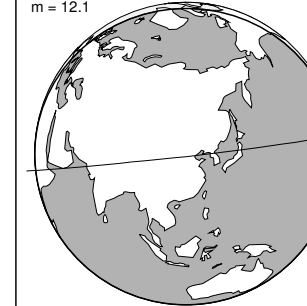
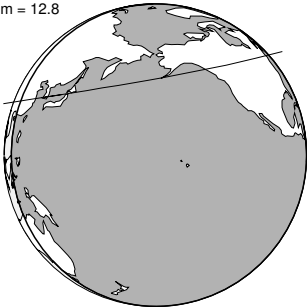
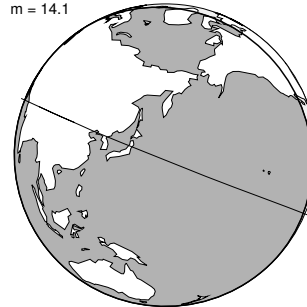
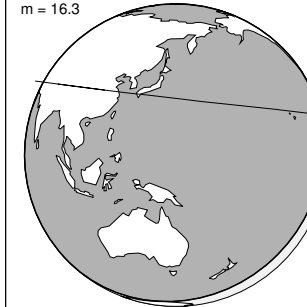
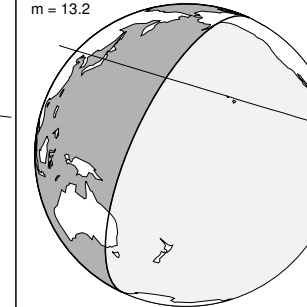
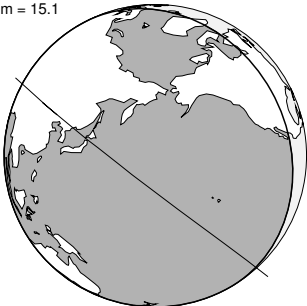
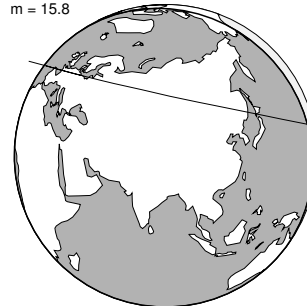
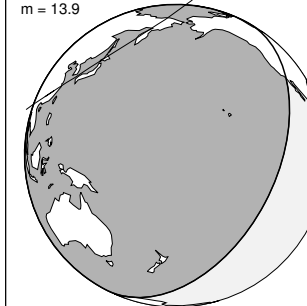
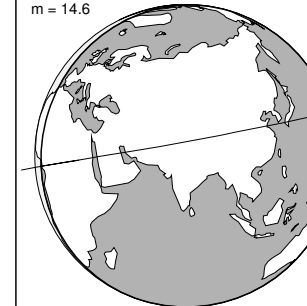
Occultations by major and minor planets – 2027

Region 7

2027 dec 7 12h14.6m A27_12097 451 Patientia TYC 5271-01212-1 Diam = 230.0 m = 9.6 m = 11.8  Dur = 21.1s Dmag = 2.4 Sun: 108° Moon: 21°	2027 dec 9 17h43.0m A27_12076 365 Corduba TYC 0102-00727-1 Diam = 110.0 m = 12.0 m = 12.5  Dur = 11.0s Dmag = 1.1 Sun: 159° Moon: 54°	2027 dec 9 17h55.6m A27_12167 1008 La Paz UCAC4 606-010930 Diam = 41.0 m = 12.1 m = 14.6  Dur = 3.5s Dmag = 2.6 Sun: 164° Moon: 38°	2027 dec 11 13h23.9m B27_12014 2012UR177 UCAC4 614-009902 Diam = 109.6 m = 14.2 m = 23.9  Dur = 4.8s Dmag = 9.7 Sun: 154° Moon: 11°
2027 dec 12 17h58.3m A27_12029 106 Dione TYC 1914-00619-1 Diam = 146.9 m = 10.9 m = 11.9  Dur = 15.7s Dmag = 1.4 Sun: 150° Moon: 42°	2027 dec 13 12h52.2m A27_12184 2196 Illicott TYC 0662-00215-1 Diam = 62.2 m = 10.6 m = 15.4  Dur = 5.0s Dmag = 4.8 Sun: 157° Moon: 22°	2027 dec 13 20h37.1m A27_12115 532 Herculina UCAC5 545-040672 Diam = 216.5 m = 12.4 m = 9.7  Dur = 24.4s Dmag = 0.1 Sun: 147° Moon: 30°	2027 dec 15 12h32.8m A27_12012 57 Mnemosyne TYC 4663-00052-1 Diam = 116.0 m = 11.8 m = 12.3  Dur = 9.3s Dmag = 1.0 Sun: 99° Moon: 106°
2027 dec 15 17h42.8m A27_12140 693 Zerbinita UCAC4 498-058232 Diam = 69.1 m = 12.3 m = 14.9  Dur = 5.1s Dmag = 2.7 Sun: 93° Moon: 58°	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 19h19.6m A27_12069 328 Gudrun PPMX 2133381 Diam = 120.0 m = 12.3 m = 12.7  Dur = 10.4s Dmag = 1.0 Sun: 155° Moon: 60°	2027 dec 19 11h 2.7m A27_12139 690 Wratislavia TYC 1332-00472-1 Diam = 140.0 m = 9.5 m = 12.3  Dur = 10.4s Dmag = 3.0 Sun: 167° Moon: 67°
2027 dec 20 11h43.4m A27_12034 113 Amalthea TYC 1353-01021-1 Diam = 47.6 m = 11.2 m = 11.9  Dur = 4.8s Dmag = 1.2 Sun: 162° Moon: 74°	2027 dec 20 17h10.2m B27_12001 32929 1995QY9 UCAC4 573-008400 Diam = 77.3 m = 12.8 m = 23.8  Dur = 3.8s Dmag = 11.0 Sun: 149° Moon: 124°	2027 dec 20 17h12.6m A27_12190 32929 1995QY9 PPMX 4885494 Diam = 77.3 m = 12.1 m = 23.8  Dur = 3.8s Dmag = 11.6 Sun: 149° Moon: 124°	2027 dec 21 11h25.9m A27_12153 861 Aida UCAC4 548-031707 Diam = 70.1 m = 11.8 m = 14.5  Dur = 4.8s Dmag = 2.8 Sun: 168° Moon: 93°

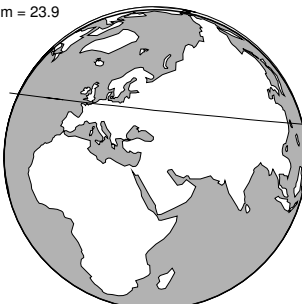
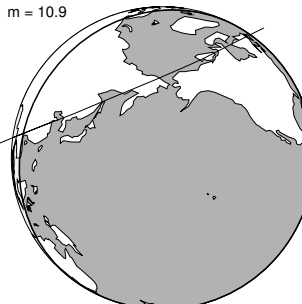
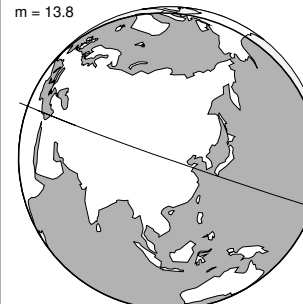
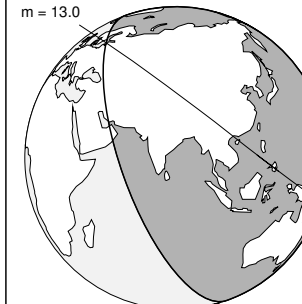
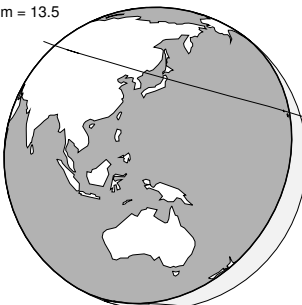
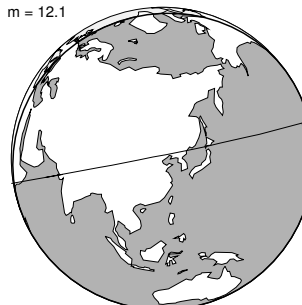
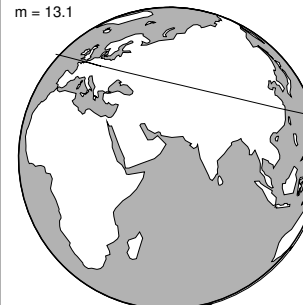
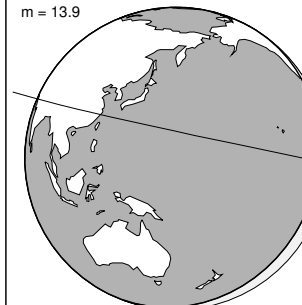
Occultations by major and minor planets – 2027

Region 7

2027 dec 21 15h56.8m B27_12018 2015AD298 UCAC4 350–017610 Diam = 87.9 m = 14.6 m = 21.4  Dur = 4.3s Dmag = 6.8 Sun: 134° Moon: 87°	2027 dec 22 14h16.4m A27_12016 66 Maja UCAC5 592–015494 Diam = 78.3 m = 12.1  Dur = 9.3s Dmag = 0.6 Sun: 168° Moon: 129°	2027 dec 22 18h46.6m A27_12043 165 Loreley PPMX 3972012 Diam = 160.0 m = 12.1 m = 12.6  Dur = 10.9s Dmag = 1.0 Sun: 165° Moon: 131°	2027 dec 22 19h41.6m A27_12146 760 Massinga TYC 2929–02195–1 Diam = 74.8 m = 12.5 m = 12.1  Dur = 6.0s Dmag = 0.6 Sun: 163° Moon: 119°
2027 dec 23 8h18.0m A27_12042 165 Loreley UCAC4 616–019384 Diam = 160.0 m = 12.4 m = 12.6  Dur = 11.0s Dmag = 0.8 Sun: 164° Moon: 139°	2027 dec 23 17h58.3m A27_12173 1118 Hansky TYC 4934–00704–1 Diam = 80.7 m = 12.0 m = 15.8  Dur = 5.5s Dmag = 3.8 Sun: 93° Moon: 45°	2027 dec 23 19h28.1m A27_12073 349 Dembowska UCAC4 596–011201 Diam = 143.0 m = 12.3 m = 10.0  Dur = 16.2s Dmag = 0.1 Sun: 151° Moon: 160°	2027 dec 24 16h24.1m A27_12145 760 Massinga TYC 2929–01615–1 Diam = 74.8 m = 12.1 m = 12.1  Dur = 5.9s Dmag = 0.7 Sun: 163° Moon: 143°
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 25 14h30.2m A27_12113 528 Rezia UCAC4 634–039334 Diam = 86.2 m = 11.4 m = 14.1  Dur = 6.2s Dmag = 2.8 Sun: 161° Moon: 141°	2027 dec 25 15h 5.8m A27_12182 1754 Cunningham UCAC4 497–039833 Diam = 82.6 m = 11.4 m = 16.3  Dur = 5.0s Dmag = 4.9 Sun: 160° Moon: 136°	2027 dec 25 19h12.4m A27_12089 423 Diotima PPMX 9504083 Diam = 217.0 m = 12.4 m = 13.2  Dur = 7.9s Dmag = 1.2 Sun: 68° Moon: 47°
2027 dec 26 13h56.7m A27_12162 926 Imhilde UCAC4 655–050005 Diam = 50.5 m = 12.2 m = 15.1  Dur = 3.8s Dmag = 3.0 Sun: 151° Moon: 142°	2027 dec 26 19h12.8m A27_12186 2453 Wabash TYC 2463–00305–1 Diam = 45.7 m = 11.8 m = 15.8  Dur = 3.4s Dmag = 4.0 Sun: 161° Moon: 154°	2027 dec 27 14h55.5m A27_12141 695 Bella TYC 0231–00731–1 Diam = 51.2 m = 10.5 m = 13.9  Dur = 6.2s Dmag = 3.4 Sun: 131° Moon: 129°	2027 dec 27 17h34.8m A27_12124 577 Rhea UCAC4 598–017205 Diam = 44.2 m = 10.0 m = 14.6  Dur = 3.1s Dmag = 4.7 Sun: 162° Moon: 165°

Occultations by major and minor planets – 2027

Region 7

2027 dec 27 21h11.3m B27_12009 2000YD2 UCAC5 624-030397 Diam = 109.6 m = 14.9 m = 23.9  Dur = 4.3s Dmag = 9.0 Sun: 168° Moon: 171°	2027 dec 28 10h26.7m A27_12024 78 Diana PPMX 3966482 Diam = 116.0 m = 12.2 m = 10.9  Dur = 14.2s Dmag = 0.3 Sun: 157° Moon: 153°	2027 dec 28 17h25.2m A27_12027 99 Dike TYC 2947-00804-1 Diam = 54.2 m = 9.2 m = 13.8  Dur = 3.8s Dmag = 4.6 Sun: 160° Moon: 163°	2027 dec 29 13h35.3m A27_12103 480 Hansa TYC 0627-00509-1 Diam = 58.0 m = 10.2 m = 13.0  Dur = 5.9s Dmag = 2.8 Sun: 111° Moon: 92°
2027 dec 29 16h49.7m A27_12049 191 Kolga HIP 41200 Diam = 105.0 m = 7.5 m = 13.5  Dur = 10.9s Dmag = 6.0 Sun: 148° Moon: 166°	2027 dec 30 15h36.5m A27_12147 760 Massinga TYC 2929-02221-1 Diam = 74.8 m = 10.6 m = 12.1  Dur = 6.0s Dmag = 1.8 Sun: 161° Moon: 138°	2027 dec 30 20h26.6m A27_12095 442 Eichsfeldia TYC 1349-01156-1 Diam = 67.5 m = 11.6 m = 13.1  Dur = 5.9s Dmag = 1.7 Sun: 171° Moon: 154°	2027 dec 31 15h 1.4m A27_12149 799 Gudula UCAC4 519-045089 Diam = 46.5 m = 12.4 m = 13.9  Dur = 4.7s Dmag = 1.7 Sun: 158° Moon: 158°