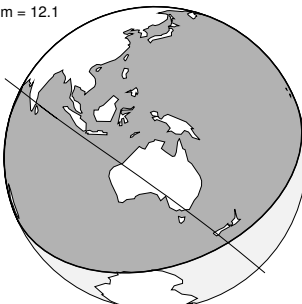
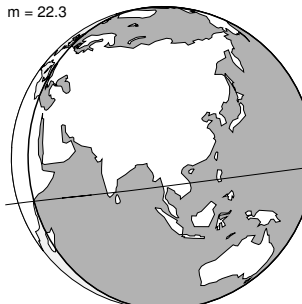
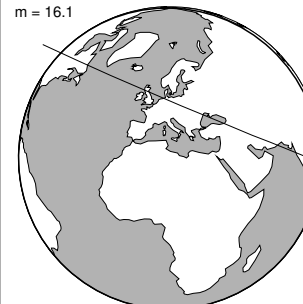
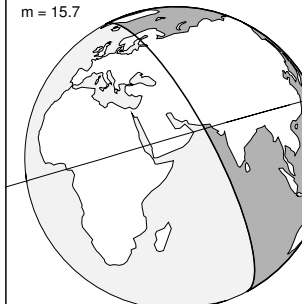
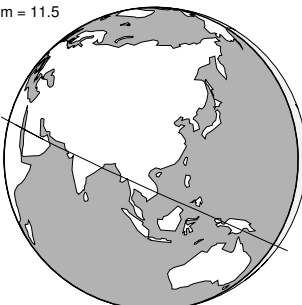
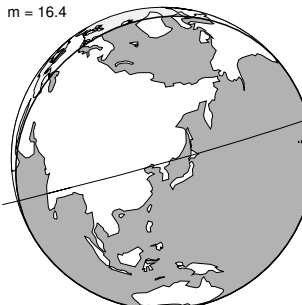
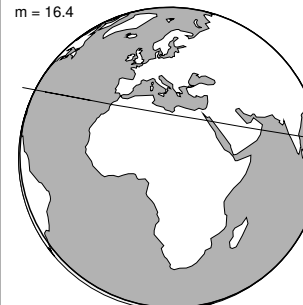
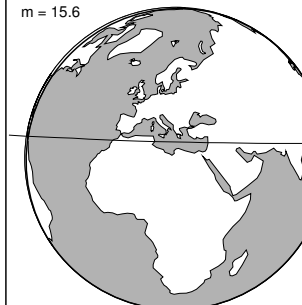
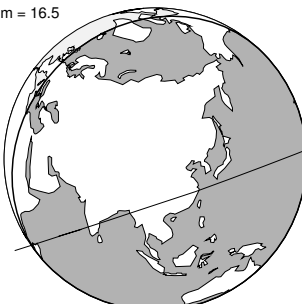
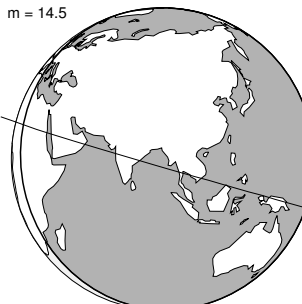
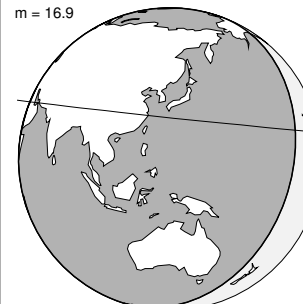
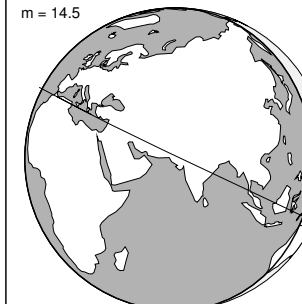
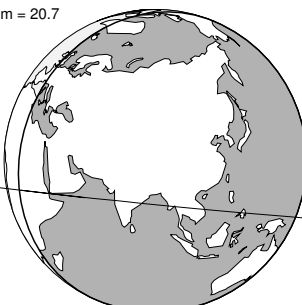
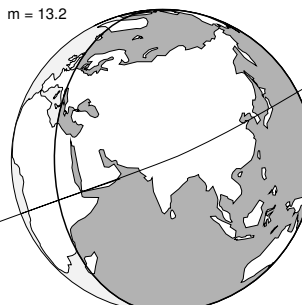
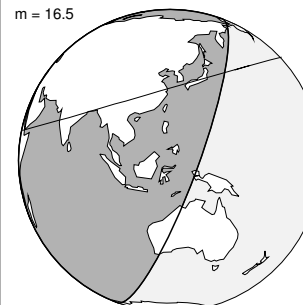
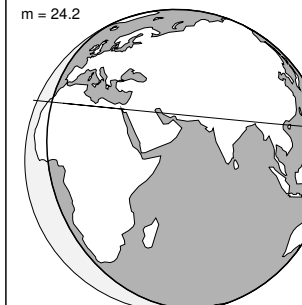


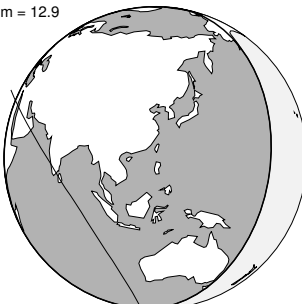
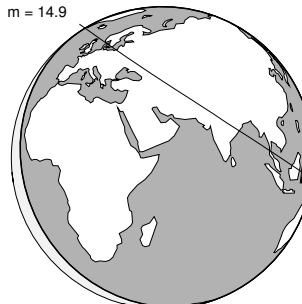
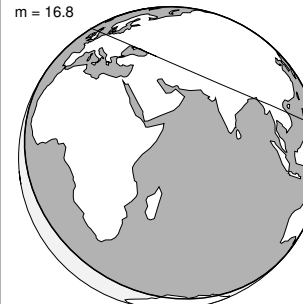
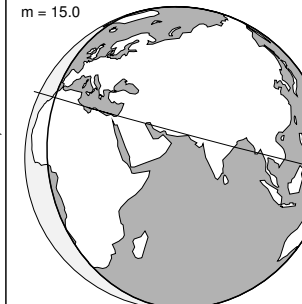
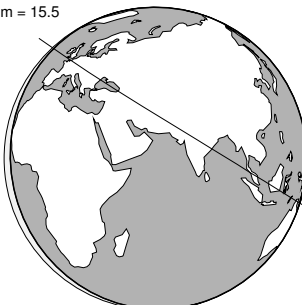
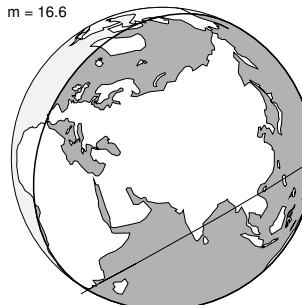
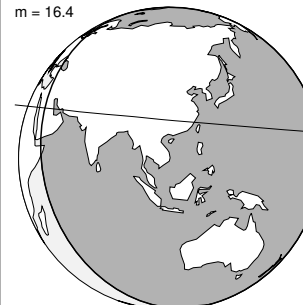
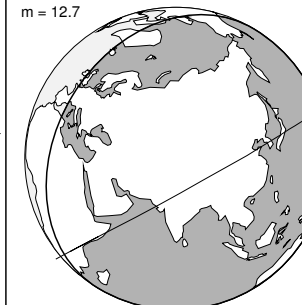
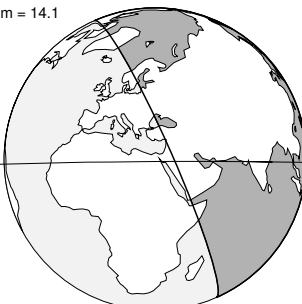
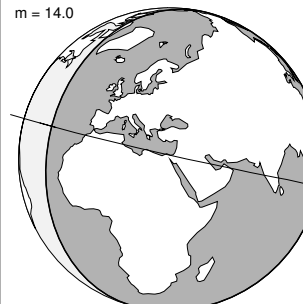
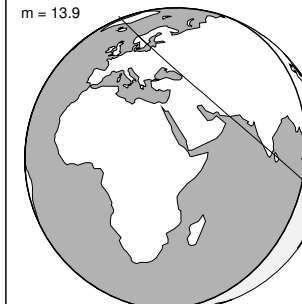
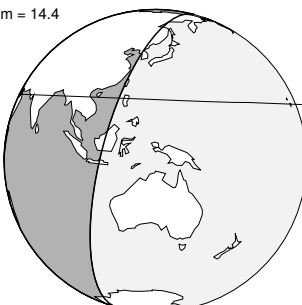
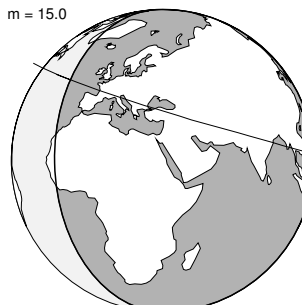
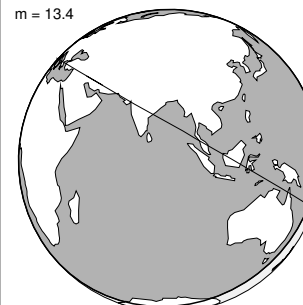
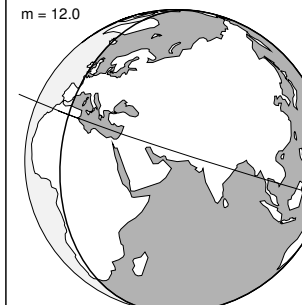
Occultations by major and minor planets – 2024

Region 6

2024 jan 1 16h13.4m A24_01069 582 Olympia TYC 5985–00240–1 Diam = 47.0 m = 11.3 m = 12.1  Dur = 5.8s Dmag = 1.2 Sun: 135° Moon: 56°	2024 jan 4 15h33.4m A24_01175 15788 1993SB UCAC4 574–012832 Diam = 107.2 m = 12.1 m = 22.3  Dur = 5.3s Dmag = 10.2 Sun: 152° Moon: 123°	2024 jan 5 23h49.6m A24_01147 2260 Neoptolemus UCAC4 603–042449 Diam = 85.0 m = 12.4 m = 16.1  Dur = 4.8s Dmag = 3.8 Sun: 169° Moon: 105°	2024 jan 6 13h 7.2m A24_01126 1266 Tone TYC 1175–01680–1 Diam = 76.0 m = 11.5 m = 15.7  Dur = 3.3s Dmag = 4.2 Sun: 75° Moon: 136°
2024 jan 6 18h15.6m A24_01018 128 Nemesis UCAC4 578–044124 Diam = 194.0 m = 12.4 m = 11.5  Dur = 16.7s Dmag = 0.4 Sun: 160° Moon: 101°	2024 jan 9 14h41.1m A24_01170 6090 Aulis UCAC4 666–045936 Diam = 55.0 m = 11.4 m = 16.4  Dur = 3.2s Dmag = 5.1 Sun: 155° Moon: 162°	2024 jan 9 22h22.3m A24_01167 4902 Thessandrus TYC 0755–01367–1 Diam = 50.1 m = 11.5 m = 16.4  Dur = 3.0s Dmag = 4.9 Sun: 167° Moon: 159°	2024 jan 12 22h12.3m A24_01142 1749 Telamon TYC 1907–00644–1 Diam = 115.0 m = 11.8 m = 15.6  Dur = 7.5s Dmag = 3.8 Sun: 169° Moon: 152°
2024 jan 13 15h58.1m A24_01171 6090 Aulis UCAC4 665–045541 Diam = 55.0 m = 11.9 m = 16.5  Dur = 3.3s Dmag = 4.6 Sun: 152° Moon: 130°	2024 jan 13 16h33.7m A24_01068 527 Euryanthe TYC 1318–00643–1 Diam = 55.2 m = 11.6 m = 14.5  Dur = 4.3s Dmag = 3.0 Sun: 159° Moon: 129°	2024 jan 13 17h50.0m A24_01157 4543 Phoinix HIP 49381 Diam = 47.9 m = 8.7 m = 16.9  Dur = 3.9s Dmag = 8.2 Sun: 143° Moon: 174°	2024 jan 14 21h20.2m A24_01099 769 Tatjana TYC 1959–00160–1 Diam = 102.0 m = 8.4 m = 14.5  Dur = 7.4s Dmag = 6.1 Sun: 154° Moon: 156°
2024 jan 15 16h23.0m A24_01179 2011UH413 TYC 2414–01062–1 Diam = 166.0 m = 9.6 m = 20.7  Dur = 7.2s Dmag = 11.1 Sun: 152° Moon: 98°	2024 jan 16 15h48.7m A24_01040 210 Isabella UCAC5 593–012613 Diam = 90.0 m = 12.4 m = 13.2  Dur = 35.7s Dmag = 1.2 Sun: 135° Moon: 66°	2024 jan 18 21h17.4m A24_01120 1211 Bressole TYC 0302–00440–1 Diam = 41.6 m = 9.6 m = 16.5  Dur = 3.7s Dmag = 6.9 Sun: 100° Moon: 156°	2024 jan 19 18h 7.2m B24_01005 182223 2000YC2 UCAC4 501–016056 Diam = 127.6 m = 14.1 m = 24.2  Dur = 5.9s Dmag = 10.1 Sun: 145° Moon: 41°

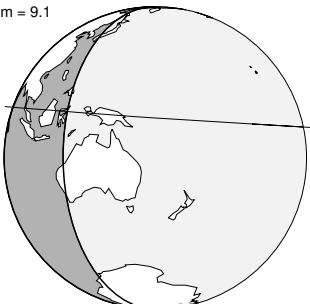
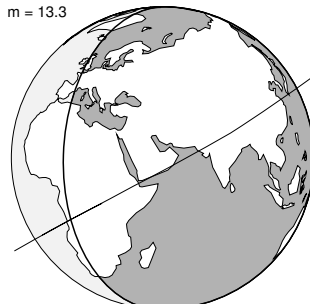
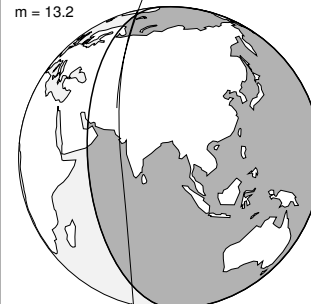
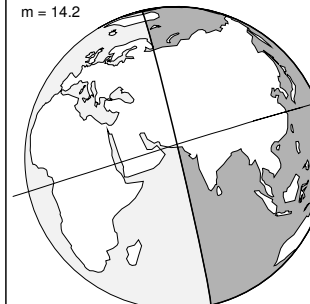
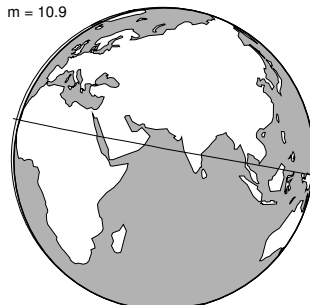
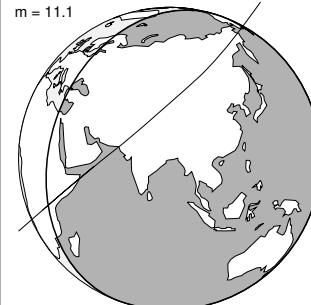
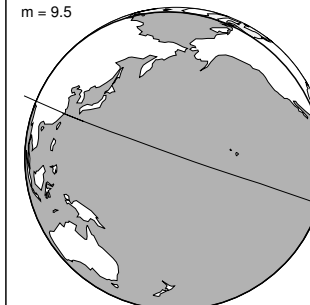
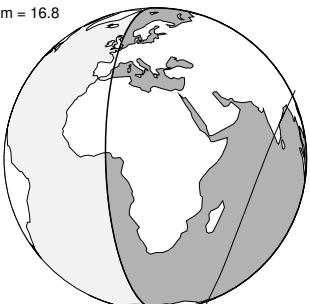
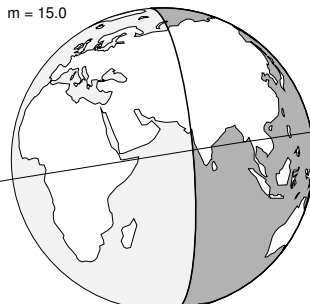
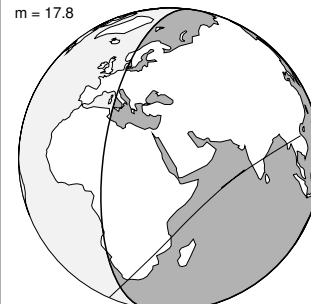
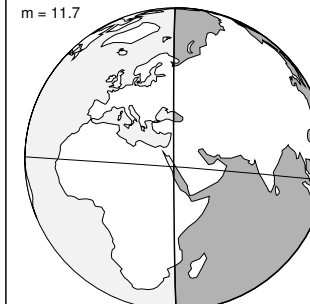
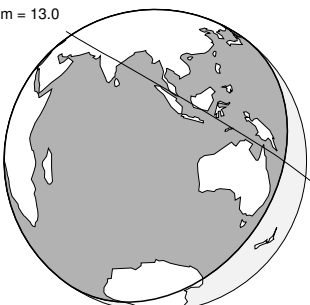
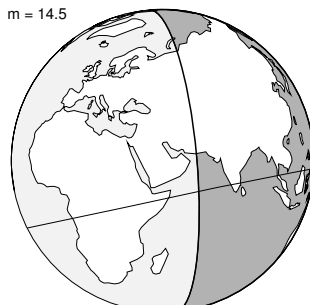
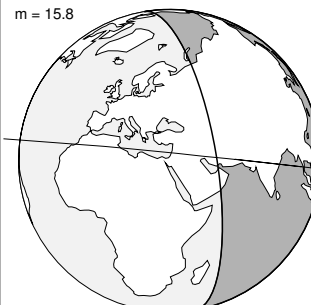
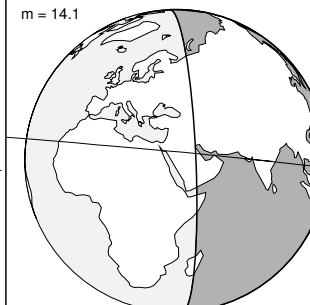
Occultations by major and minor planets – 2024

Region 6

2024 jan 20 19h 2.4m A24_01045 259 Aletheia TYC 1435–00178–1 Diam = 185.0 m = 12.1 m = 12.9  Dur = 21.2s Dmag = 1.2 Sun: 139° Moon: 95°	2024 jan 21 19h16.6m A24_01118 1191 Alfaterna TYC 0751–01595–1 Diam = 45.6 m = 12.0 m = 14.9  Dur = 3.3s Dmag = 3.0 Sun: 157° Moon: 31°	2024 jan 21 19h28.9m A24_01151 2759 Idomeneus TYC 4814–01666–1 Diam = 73.3 m = 11.9 m = 16.8  Dur = 4.3s Dmag = 5.0 Sun: 152° Moon: 42°	2024 jan 22 17h51.1m A24_01141 1731 Smuts HIP 28556 Diam = 56.2 m = 7.0 m = 15.0  Dur = 5.7s Dmag = 8.0 Sun: 147° Moon: 12°
2024 jan 23 18h59.2m A24_01165 4835 Asaeus UCAC4 529–038252 Diam = 45.7 m = 12.0 m = 15.5  Dur = 3.1s Dmag = 3.6 Sun: 162° Moon: 13°	2024 jan 24 17h41.5m A24_01172 6090 Aulis TYC 2934–01830–1 Diam = 55.0 m = 9.1 m = 16.6  Dur = 3.7s Dmag = 7.5 Sun: 143° Moon: 24°	2024 jan 26 14h42.1m A24_01155 4035 Thestor UCAC4 513–023488 Diam = 57.5 m = 11.8 m = 16.4  Dur = 4.6s Dmag = 4.6 Sun: 147° Moon: 43°	2024 jan 30 16h53.7m A24_01107 804 Hispania TYC 2936–01708–1 Diam = 140.6 m = 11.0 m = 12.7  Dur = 12.1s Dmag = 1.9 Sun: 143° Moon: 86°
2024 feb 1 14h58.2m A24_02086 506 Marion TYC 1762–01405–1 Diam = 109.0 m = 11.2 m = 14.1  Dur = 4.9s Dmag = 3.0 Sun: 83° Moon: 162°	2024 feb 2 15h41.2m A24_02144 5025 Mecisteus PPMX 4044396 Diam = 45.7 m = 12.1 m = 16.8  Dur = 3.6s Dmag = 4.7 Sun: 146° Moon: 118°	2024 feb 2 19h37.0m A24_02041 199 Byblis TYC 1892–00397–1 Diam = 63.0 m = 10.4 m = 14.0  Dur = 5.4s Dmag = 3.6 Sun: 144° Moon: 124°	2024 feb 2 23h47.4m A24_02077 479 Caprera TYC 0848–00958–1 Diam = 77.5 m = 11.2 m = 13.9  Dur = 7.7s Dmag = 2.8 Sun: 147° Moon: 59°
2024 feb 3 22h41.6m A24_02100 618 Elfriede TYC 5047–00206–1 Diam = 124.0 m = 11.2 m = 14.4  Dur = 4.6s Dmag = 3.2 Sun: 68° Moon: 20°	2024 feb 5 18h45.8m A24_02109 738 Alagasta TYC 1325–00631–1 Diam = 64.8 m = 11.6 m = 15.0  Dur = 12.0s Dmag = 3.5 Sun: 135° Moon: 166°	2024 feb 10 19h 3.8m A24_02061 365 Corduba UCAC4 446–051709 Diam = 110.0 m = 12.1 m = 13.4  Dur = 8.6s Dmag = 1.6 Sun: 161° Moon: 165°	2024 feb 11 17h23.3m A24_02024 92 Undina TYC 1898–00351–1 Diam = 132.0 m = 11.9 m = 12.0  Dur = 16.1s Dmag = 0.8 Sun: 139° Moon: 115°

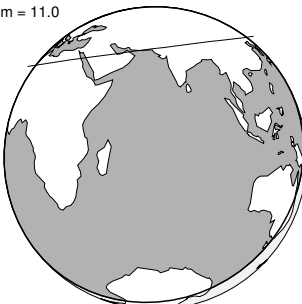
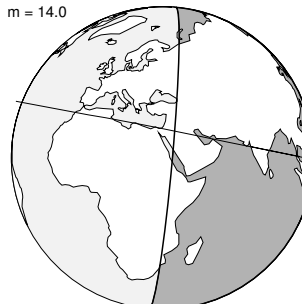
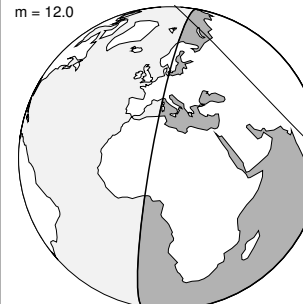
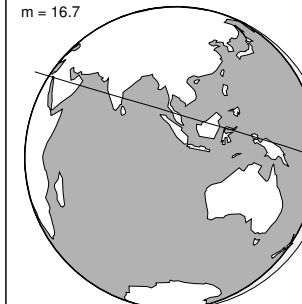
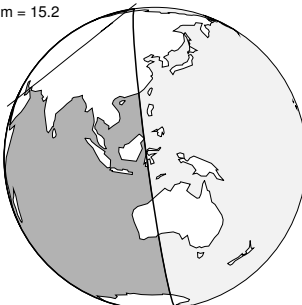
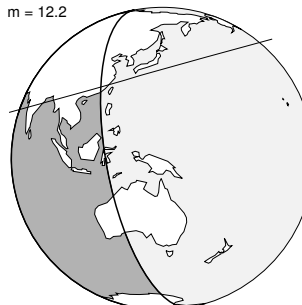
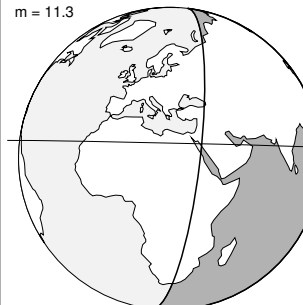
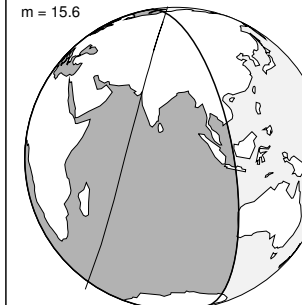
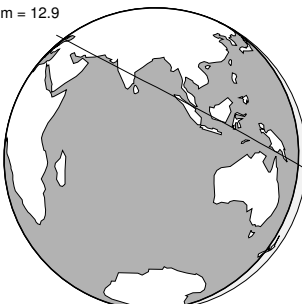
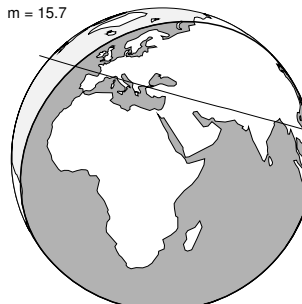
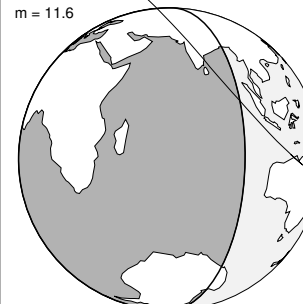
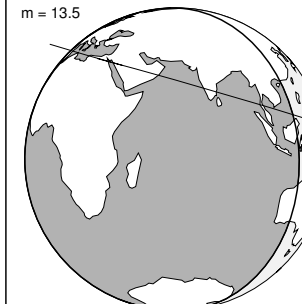
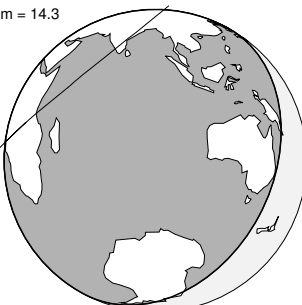
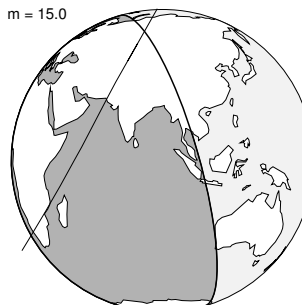
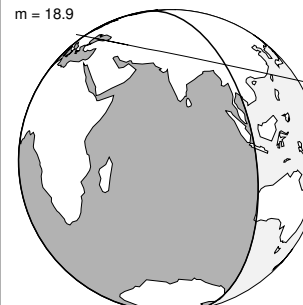
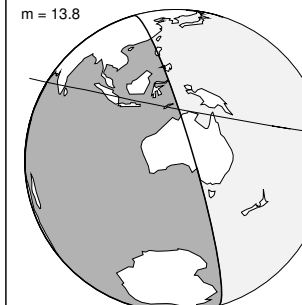
Occultations by major and minor planets – 2024

Region 6

2024 feb 13 21h58.6m A24_02001 1 Ceres TYC 6843–02374–1 Diam = 952.5 m = 9.4  Dur = 27.2s Dmag = 0.6 Sun: 52° Moon: 108°	2024 feb 15 17h19.7m A24_02076 476 Hedwig UCAC4 559–029685 Diam = 121.0 m = 11.9  Dur = 25.2s Dmag = 1.6 Sun: 130° Moon: 52°	2024 feb 17 14h16.0m A24_02021 72 Feronia TYC 1313–01118–1 Diam = 89.3 m = 13.2  Dur = 39.3s Dmag = 1.8 Sun: 122° Moon: 24°	2024 feb 18 13h32.6m A24_02060 363 Padua TYC 1247–00876–1 Diam = 96.0 m = 12.2  Dur = 5.4s Dmag = 2.2 Sun: 88° Moon: 25°
2024 feb 24 17h40.3m A24_02089 527 Euryanthe TYC 1320–00163–1 Diam = 55.2 m = 8.9  Dur = 11.3s Dmag = 6.5 Sun: 113° Moon: 69°	2024 feb 26 19h11.0m A24_02017 63 Ausonia TYC 0835–00969–1 Diam = 108.0 m = 12.0  Dur = 9.0s Dmag = 0.3 Sun: 168° Moon: 36°	2024 mar 1 15h56.5m A24_03029 78 Diana UCAC4 563–045651 Diam = 116.0 m = 11.6  Dur = 24.4s Dmag = 0.6 Sun: 142° Moon: 104°	2024 mar 7 13h 3.5m A24_03015 23 Thalia TYC 1444–02180–1 Diam = 111.0 m = 9.7  Dur = 14.0s Dmag = 0.7 Sun: 161° Moon: 134°
2024 mar 13 17h57.1m A24_03128 921 Jovita TYC 0156–01950–1 Diam = 60.5 m = 16.8  Dur = 7.2s Dmag = 5.3 Sun: 109° Moon: 66°	2024 mar 14 13h17.0m A24_03098 663 Gerlinde TYC 0687–00277–1 Diam = 104.0 m = 9.0  Dur = 5.1s Dmag = 6.0 Sun: 78° Moon: 25°	2024 mar 15 17h16.5m A24_03166 2932 Kempchinsky TYC 1368–01542–1 Diam = 48.7 m = 17.8  Dur = 28.4s Dmag = 6.0 Sun: 116° Moon: 44°	2024 mar 18 15h37.6m A24_03017 37 Fides UCAC4 584–021321 Diam = 112.0 m = 11.7  Dur = 5.9s Dmag = 0.8 Sun: 90° Moon: 16°
2024 mar 20 19h41.5m A24_03106 714 Ulula TYC 6729–00283–1 Diam = 41.0 m = 13.0  Dur = 6.0s Dmag = 2.7 Sun: 142° Moon: 85°	2024 mar 21 13h58.5m A24_03084 498 Tokio UCAC4 566–014034 Diam = 84.8 m = 14.5  Dur = 3.7s Dmag = 4.0 Sun: 76° Moon: 63°	2024 mar 22 14h27.0m A24_03130 949 Hel TYC 2374–00140–1 Diam = 71.0 m = 15.8  Dur = 3.0s Dmag = 5.3 Sun: 71° Moon: 79°	2024 mar 22 14h56.7m A24_03077 407 Arachne TYC 1861–00076–1 Diam = 97.0 m = 14.1  Dur = 4.6s Dmag = 3.9 Sun: 82° Moon: 69°

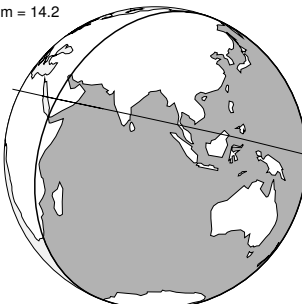
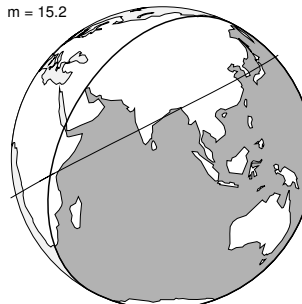
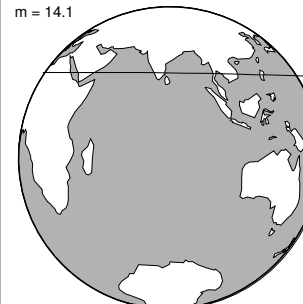
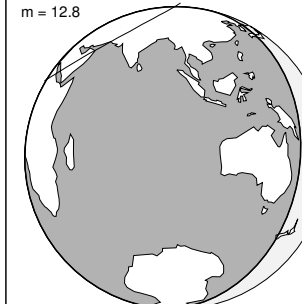
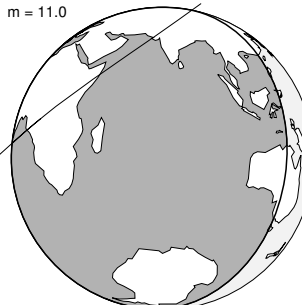
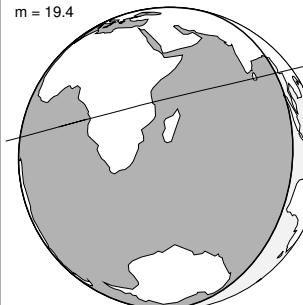
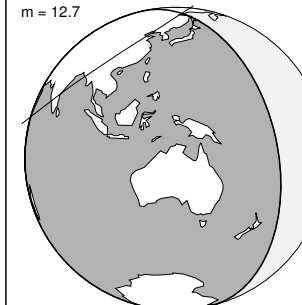
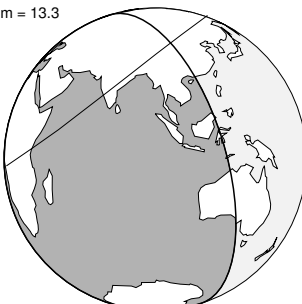
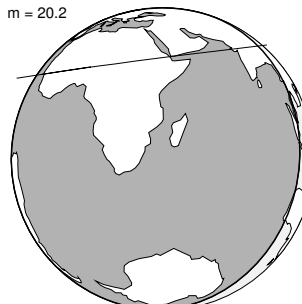
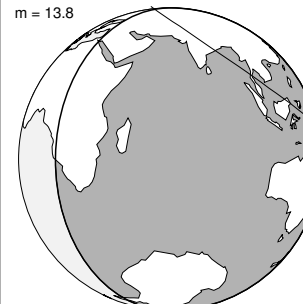
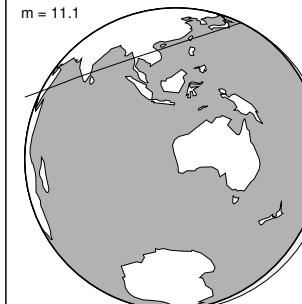
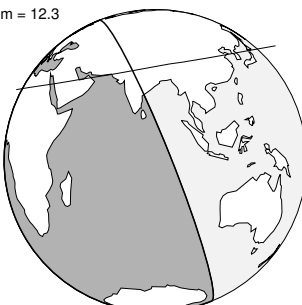
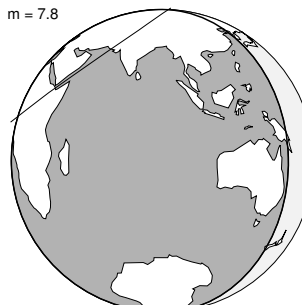
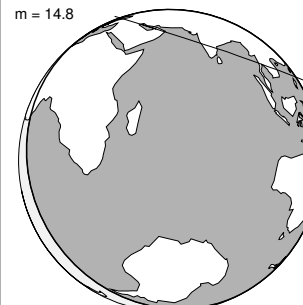
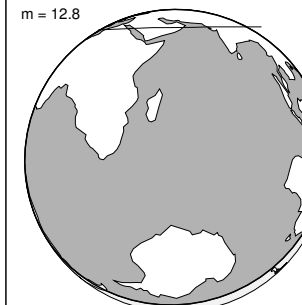
Occultations by major and minor planets – 2024

Region 6

2024 mar 26 20h19.5m A24_03070 385 Ilmatar UCAC4 350-067273 Diam = 94.1 m = 12.1 m = 11.0  Dur = 9.0s Dmag = 0.4 Sun: 159° Moon: 11°	2024 apr 4 15h38.4m A24_04082 476 Hedwig TYC 1338-01393-1 Diam = 121.0 m = 11.0 m = 14.0  Dur = 7.1s Dmag = 3.1 Sun: 86° Moon: 143°	2024 apr 6 17h53.8m A24_04029 71 Niobe TYC 1373-00342-1 Diam = 87.3 m = 11.0 m = 12.0  Dur = 6.9s Dmag = 1.3 Sun: 97° Moon: 125°	2024 apr 6 18h38.6m A24_04155 2312 Duboshin TYC 5566-00338-1 Diam = 60.0 m = 10.3 m = 16.7  Dur = 4.0s Dmag = 6.4 Sun: 159° Moon: 132°
2024 apr 8 22h 3.3m A24_04120 756 Lilliana UCAC4 437-094950 Diam = 73.0 m = 10.3 m = 15.2  Dur = 3.4s Dmag = 4.9 Sun: 86° Moon: 89°	2024 apr 11 21h59.5m A24_04055 194 Prokne UCAC4 434-111919 Diam = 174.0 m = 11.4 m = 12.2  Dur = 5.4s Dmag = 1.2 Sun: 68° Moon: 109°	2024 apr 16 15h53.6m A24_04008 5 Astraea UCAC4 559-037896 Diam = 125.0 m = 12.2 m = 11.3  Dur = 5.0s Dmag = 0.4 Sun: 78° Moon: 22°	2024 apr 18 22h44.7m A24_04075 439 Ohio UCAC4 430-075876 Diam = 79.3 m = 12.2 m = 15.6  Dur = 7.3s Dmag = 3.4 Sun: 112° Moon: 118°
2024 apr 23 19h22.3m A24_04114 712 Boliviana UCAC4 352-072567 Diam = 132.0 m = 12.4 m = 12.9  Dur = 10.0s Dmag = 1.0 Sun: 160° Moon: 22°	2024 apr 24 20h17.0m A24_04141 1211 Bressole TYC 0885-00487-2 Diam = 41.6 m = 10.4 m = 15.7  Dur = 3.6s Dmag = 5.3 Sun: 147° Moon: 42°	2024 apr 24 23h43.2m A24_04028 68 Leto UCAC4 306-231788 Diam = 127.0 m = 12.3 m = 11.6  Dur = 23.0s Dmag = 0.5 Sun: 119° Moon: 49°	2024 apr 27 22h 8.2m A24_04023 53 Kalypso UCAC4 375-078849 Diam = 119.0 m = 12.4 m = 13.5  Dur = 13.0s Dmag = 1.5 Sun: 144° Moon: 16°
2024 apr 28 20h11.8m A24_04111 697 Galilea UCAC4 258-105040 Diam = 82.5 m = 12.0 m = 14.3  Dur = 8.5s Dmag = 2.4 Sun: 140° Moon: 23°	2024 may 1 22h54.4m A24_05130 756 Lilliana UCAC4 456-099772 Diam = 73.0 m = 12.3 m = 15.0  Dur = 5.2s Dmag = 2.8 Sun: 103° Moon: 34°	2024 may 4 22h53.5m B24_05006 50000 Quaoar UCAC4 375-137636 Diam = 1110.0 m = 14.2 m = 18.9  Dur = 88.8s Dmag = 4.7 Sun: 124° Moon: 82°	2024 may 8 21h32.9m A24_05058 250 Bettina TYC 7472-00502-1 Diam = 85.5 m = 9.4 m = 13.8  Dur = 6.8s Dmag = 4.4 Sun: 96° Moon: 108°

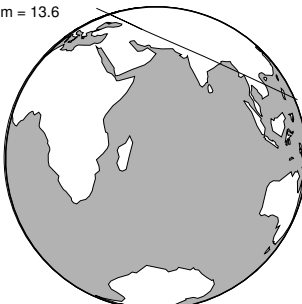
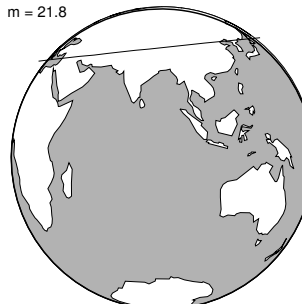
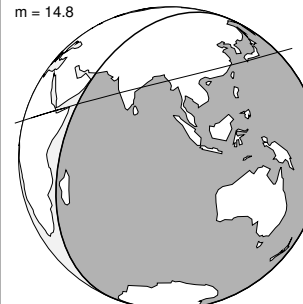
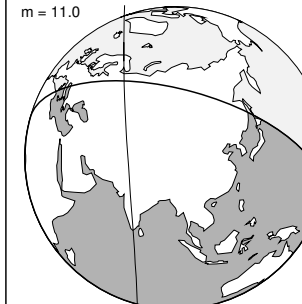
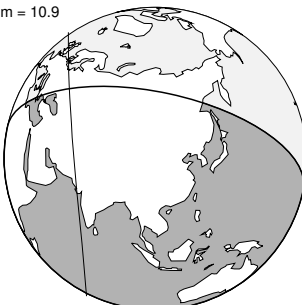
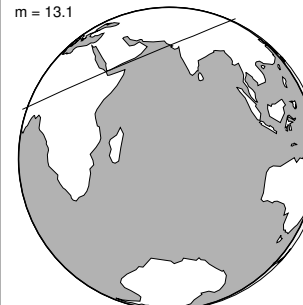
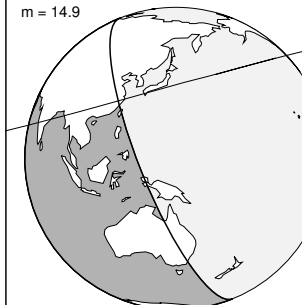
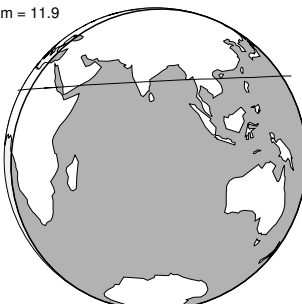
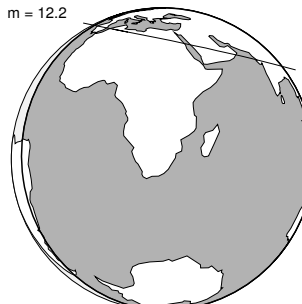
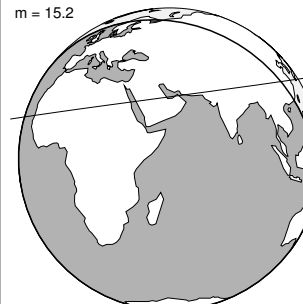
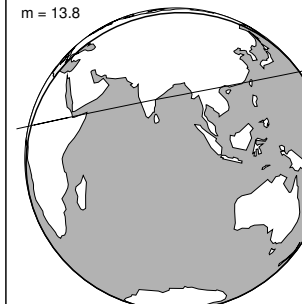
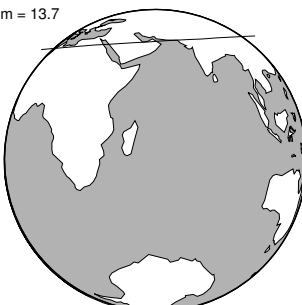
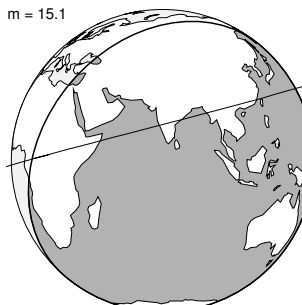
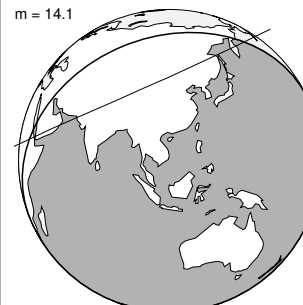
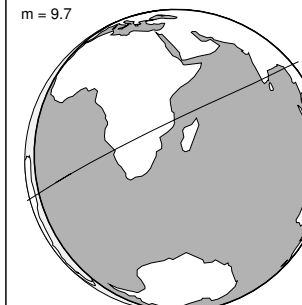
Occultations by major and minor planets – 2024

Region 6

2024 may 9 15h20.7m A24_05100 615 Roswitha UCAC4 430–055256 Diam = 49.5 m = 11.5 m = 14.2  Dur = 11.6s Dmag = 2.8 Sun: 139° Moon: 119°	2024 may 11 15h26.9m A24_05160 2193 Jackson TYC 0285–00864–1 Diam = 51.5 m = 11.9 m = 15.2  Dur = 8.4s Dmag = 3.4 Sun: 132° Moon: 87°	2024 may 11 18h58.3m A24_05156 1424 Sundmania TYC 6777–00094–1 Diam = 74.0 m = 10.5 m = 14.1  Dur = 5.6s Dmag = 3.7 Sun: 171° Moon: 141°	2024 may 13 20h 3.4m A24_05083 454 Mathesis UCAC4 300–141438 Diam = 84.5 m = 12.3 m = 12.8  Dur = 14.3s Dmag = 1.0 Sun: 144° Moon: 143°
2024 may 15 21h29.8m B24_05009 119066 2001KJ76 UCAC4 309–190749 Diam = 207.0 m = 12.9 m = 22.8  Dur = 11.3s Dmag = 9.9 Sun: 141° Moon: 124°	2024 may 20 21h30.6m A24_05025 68 Leto UCAC5 297–170449 Diam = 127.0 m = 12.5 m = 11.0  Dur = 18.9s Dmag = 0.2 Sun: 144° Moon: 65°	2024 may 20 23h24.5m B24_05002 28978 Ixion UCAC4 293–191660 Diam = 843.3 m = 13.4 m = 19.4  Dur = 42.8s Dmag = 6.0 Sun: 143° Moon: 65°	2024 may 23 18h27.2m A24_05092 487 Venetia TYC 6301–01827–1 Diam = 64.0 m = 10.5 m = 12.7  Dur = 20.9s Dmag = 2.3 Sun: 132° Moon: 46°
2024 may 24 21h55.9m A24_05036 102 Miriam UCAC4 390–130912 Diam = 86.0 m = 12.3 m = 13.3  Dur = 11.4s Dmag = 1.4 Sun: 117° Moon: 48°	2024 may 26 23h 2.7m B24_05015 469442 2002GG166 UCAC4 299–155510 Diam = 94.2 m = 14.8 m = 20.2  Dur = 5.4s Dmag = 5.4 Sun: 154° Moon: 17°	2024 jun 1 16h35.2m A24_06065 328 Gudrun TYC 6726–00449–1 Diam = 120.0 m = 11.3 m = 13.8  Dur = 14.7s Dmag = 2.7 Sun: 139° Moon: 148°	2024 jun 2 17h30.6m A24_06010 22 Kalliope UCAC4 303–158822 Diam = 187.0 m = 12.4 m = 11.1  Dur = 14.1s Dmag = 0.3 Sun: 162° Moon: 113°
2024 jun 4 0h 8.2m A24_06019 52 Europa UCAC4 399–133396 Diam = 278.0 m = 11.6 m = 12.3  Dur = 22.5s Dmag = 1.2 Sun: 95° Moon: 63°	2024 jun 6 20h26.3m A24_06002 1 Ceres TYC 6884–02100–1 Diam = 952.5 m = 10.8 m = 7.8  Dur = 105.9s Dmag = 0.1 Sun: 146° Moon: 151°	2024 jun 7 18h32.3m A24_06186 1958 Chandra TYC 7339–00353–1 Diam = 42.6 m = 10.1 m = 14.8  Dur = 4.2s Dmag = 4.7 Sun: 157° Moon: 147°	2024 jun 13 20h45.9m A24_06043 134 Sophrosyne UCAC4 246–147477 Diam = 107.0 m = 11.4 m = 12.8  Dur = 8.6s Dmag = 1.7 Sun: 161° Moon: 101°

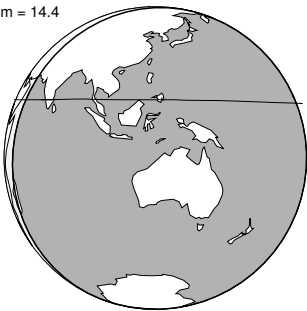
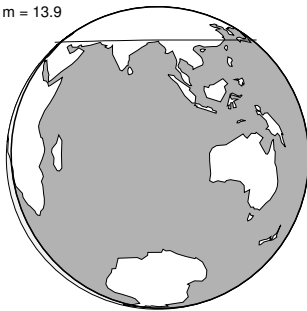
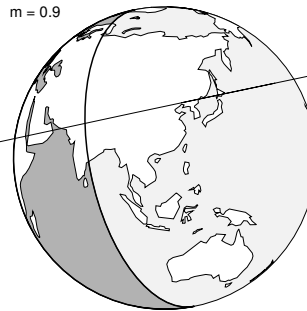
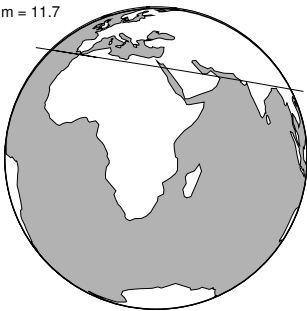
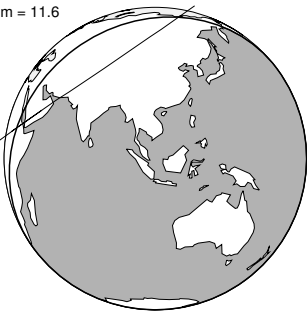
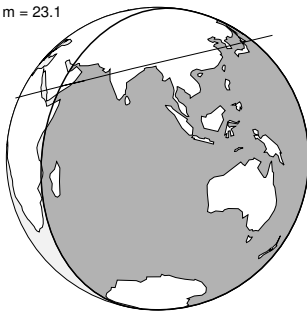
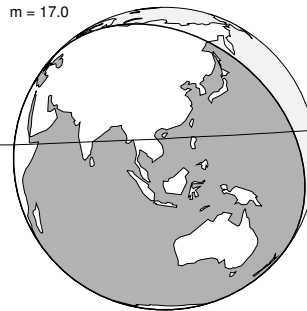
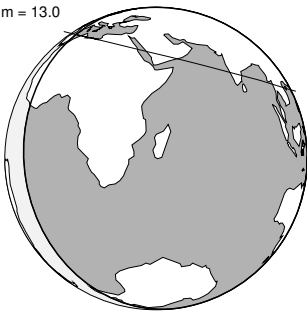
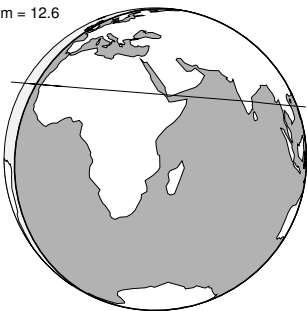
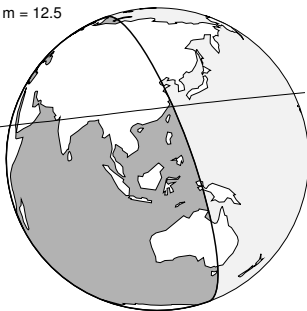
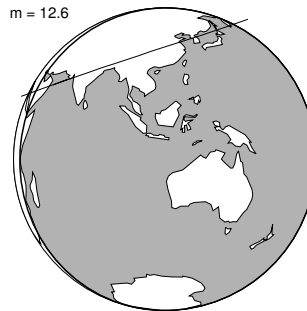
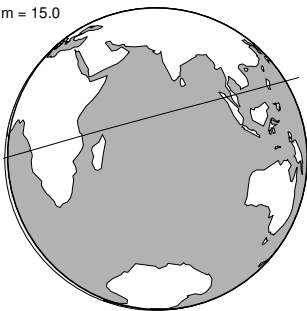
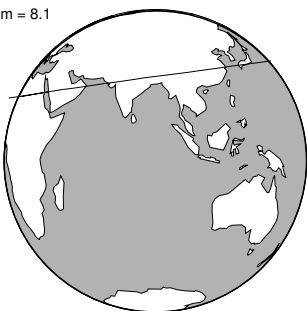
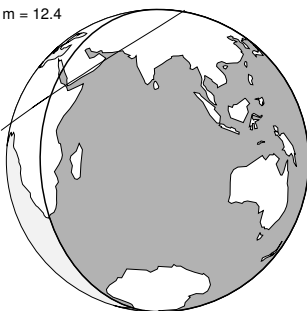
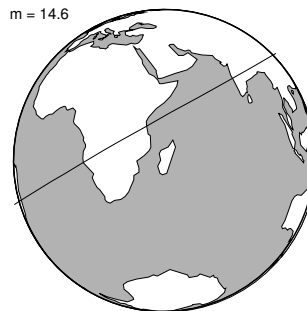
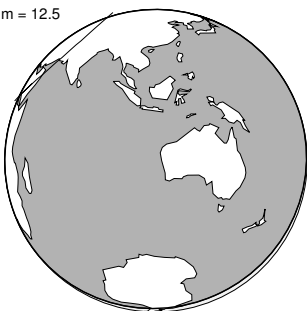
Occultations by major and minor planets – 2024

Region 6

2024 jun 16 19h28.2m A24_06166 1197 Rhodesia UCAC4 345–090397 Diam = 49.0 m = 12.2 m = 13.6  Dur = 4.2s Dmag = 1.7 Sun: 171° Moon: 53°	2024 jun 26 18h20.0m B24_06001 5145 Pholus UCAC4 383–114687 Diam = 166.0 m = 14.8 m = 21.8  Dur = 6.4s Dmag = 6.9 Sun: 169° Moon: 59°	2024 jun 28 14h44.6m A24_06112 655 Briseis TYC 5599–00163–1 Diam = 50.1 m = 11.6 m = 14.8  Dur = 8.0s Dmag = 3.3 Sun: 134° Moon: 130°	2024 jun 28 18h46.6m A24_06154 1036 Ganymed TYC 3135–00712–1 Diam = 41.0 m = 10.1 m = 11.0  Dur = 3.2s Dmag = 1.3 Sun: 116° Moon: 75°
2024 jul 1 17h54.5m A24_07159 1036 Ganymed TYC 3139–01899–1 Diam = 41.0 m = 10.7 m = 10.9  Dur = 3.4s Dmag = 0.9 Sun: 115° Moon: 92°	2024 jul 1 18h32.0m A24_07019 42 Isis UCAC4 313–213777 Diam = 107.0 m = 11.9 m = 9.3  Dur = 14.0s Dmag = 0.1 Sun: 174° Moon: 131°	2024 jul 1 20h31.5m A24_07113 535 Montague UCAC4 322–211110 Diam = 77.0 m = 11.5 m = 13.1  Dur = 7.2s Dmag = 1.8 Sun: 165° Moon: 115°	2024 jul 3 21h15.1m A24_07067 275 Sappientia UCAC4 484–002344 Diam = 103.0 m = 11.8 m = 14.9  Dur = 4.7s Dmag = 3.2 Sun: 75° Moon: 51°
2024 jul 4 17h20.3m A24_07071 308 Polyxo UCAC4 368–101862 Diam = 148.0 m = 12.2 m = 11.9  Dur = 15.6s Dmag = 0.6 Sun: 161° Moon: 168°	2024 jul 6 20h43.1m A24_07046 111 Ate UCAC4 313–117986 Diam = 139.0 m = 12.1 m = 12.2  Dur = 12.9s Dmag = 0.8 Sun: 158° Moon: 148°	2024 jul 6 21h39.7m A24_07155 1030 Vilja TYC 0495–01561–1 Diam = 65.5 m = 11.2 m = 15.2  Dur = 5.7s Dmag = 4.0 Sun: 152° Moon: 154°	2024 jul 9 17h40.8m A24_07121 589 Croatia UCAC4 411–086235 Diam = 92.5 m = 12.3 m = 13.8  Dur = 7.2s Dmag = 1.7 Sun: 163° Moon: 127°
2024 jul 9 19h58.0m A24_07077 333 Badenia UCAC5 311–217589 Diam = 81.5 m = 12.4 m = 13.7  Dur = 6.6s Dmag = 1.6 Sun: 172° Moon: 130°	2024 jul 14 17h 6.2m A24_07103 439 Ohio UCAC5 459–064775 Diam = 79.3 m = 12.5 m = 15.1  Dur = 7.3s Dmag = 2.7 Sun: 142° Moon: 58°	2024 jul 15 15h52.8m A24_07140 754 Malabar TYC 1029–00497–1 Diam = 89.1 m = 11.1 m = 14.1  Dur = 6.7s Dmag = 3.1 Sun: 144° Moon: 68°	2024 jul 15 19h53.3m A24_07025 42 Isis UCAC5 305–194014 Diam = 107.0 m = 12.4 m = 9.7  Dur = 17.3s Dmag = 0.1 Sun: 158° Moon: 49°

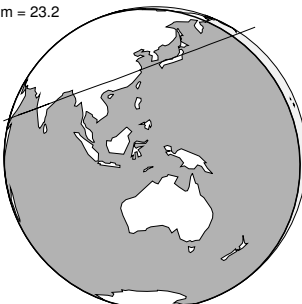
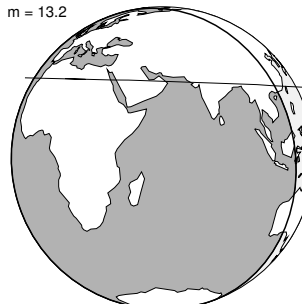
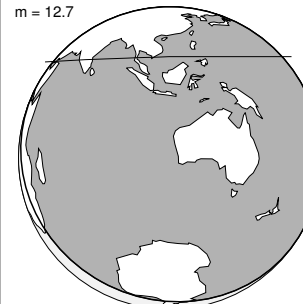
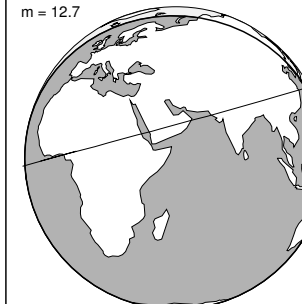
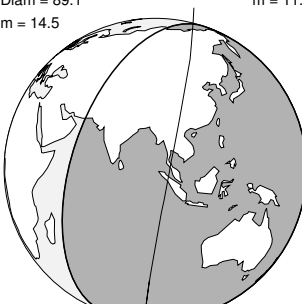
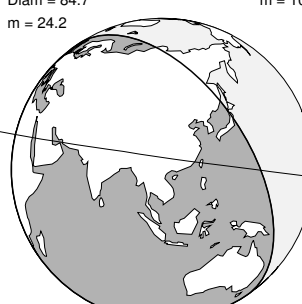
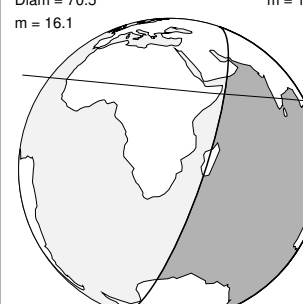
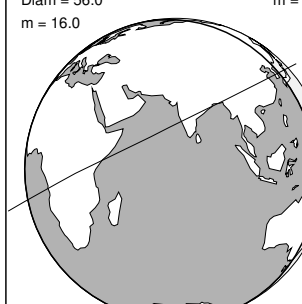
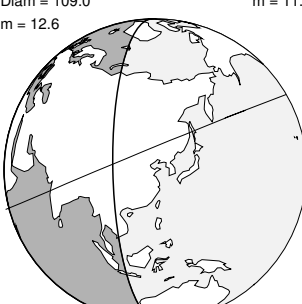
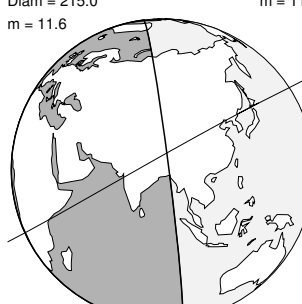
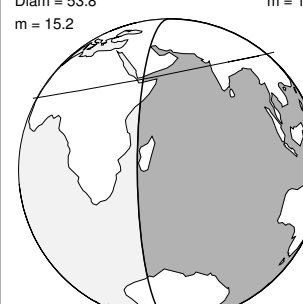
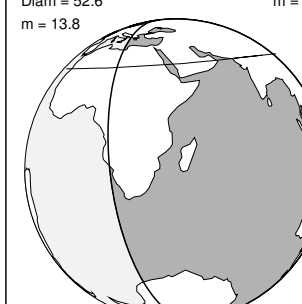
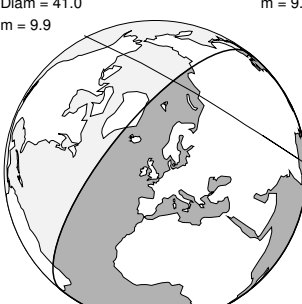
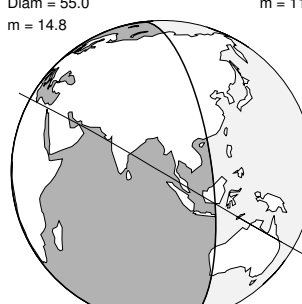
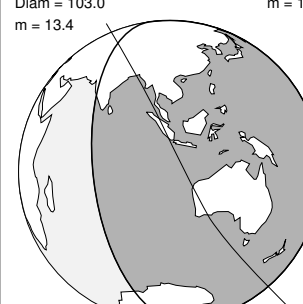
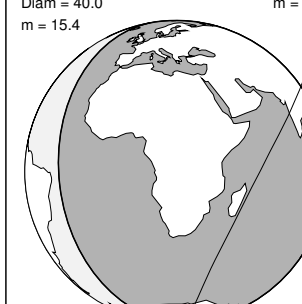
Occultations by major and minor planets – 2024

Region 6

2024 jul 16 14h30.2m A24_07179 1315 Bronislawa UCAC4 371–126371 Diam = 65.5 m = 10.8 m = 14.4  Dur = 6.5s Dmag = 3.6 Sun: 159° Moon: 43°	2024 jul 18 16h59.0m A24_07079 333 Badenia TYC 6868–00534–1 Diam = 81.5 m = 11.6 m = 13.9  Dur = 7.1s Dmag = 2.5 Sun: 164° Moon: 20°	2024 jul 26 0h19.4m P24_07001 Mars TYC 1258–00868–1 Diam = 6759.2 m = 8.4 m = 0.9  Dur = 201.6s Dmag = 0.0 Sun: 59° Moon: 58°	2024 jul 27 21h51.4m A24_07135 702 Alauda UCAC4 398–129068 Diam = 202.0 m = 10.4 m = 11.7  Dur = 13.8s Dmag = 1.6 Sun: 171° Moon: 86°
2024 jul 28 15h57.5m A24_07091 386 Siegena TYC 0465–01788–1 Diam = 173.0 m = 12.0 m = 11.6  Dur = 13.4s Dmag = 0.6 Sun: 154° Moon: 106°	2024 aug 1 15h 8.9m A24_08174 2012HW87 UCAC4 375–108729 Diam = 125.9 m = 12.2 m = 23.1  Dur = 7.5s Dmag = 10.9 Sun: 139° Moon: 165°	2024 aug 1 18h20.0m A24_08171 5130 Ilioneus UCAC4 501–145392 Diam = 45.7 m = 12.4 m = 17.0  Dur = 3.6s Dmag = 4.7 Sun: 143° Moon: 113°	2024 aug 2 19h 6.4m A24_08076 283 Emma UCAC4 323–196018 Diam = 150.0 m = 12.3 m = 13.0  Dur = 17.2s Dmag = 1.2 Sun: 150° Moon: 170°
2024 aug 3 20h 0.8m A24_08115 654 Zelinda TYC 5730–01351–1 Diam = 132.0 m = 10.9 m = 12.6  Dur = 10.2s Dmag = 2.0 Sun: 157° Moon: 161°	2024 aug 3 21h14.1m A24_08058 201 Penelope TYC 0622–00690–1 Diam = 70.5 m = 11.2 m = 12.5  Dur = 5.8s Dmag = 1.6 Sun: 102° Moon: 96°	2024 aug 4 15h25.3m A24_08037 114 Kassandra UCAC4 371–174057 Diam = 103.0 m = 11.6 m = 12.6  Dur = 8.6s Dmag = 1.3 Sun: 163° Moon: 160°	2024 aug 4 18h36.7m B24_08004 134340 Pluto UCAC4 334–210940 Diam = 2376.6 m = 13.4 m = 15.0  Dur = 100.2s Dmag = 1.8 Sun: 167° Moon: 164°
2024 aug 5 18h 5.2m A24_08002 7 Iris UCAC4 407–132993 Diam = 329.6 m = 11.8 m = 8.1  Dur = 34.0s Dmag = 0.0 Sun: 171° Moon: 163°	2024 aug 8 15h56.5m A24_08105 487 Venetia UCAC4 339–148628 Diam = 64.0 m = 12.4 m = 12.4  Dur = 9.4s Dmag = 0.8 Sun: 140° Moon: 94°	2024 aug 9 21h32.5m A24_08093 414 Liriopie UCAC4 349–189416 Diam = 75.2 m = 12.0 m = 14.6  Dur = 5.4s Dmag = 2.6 Sun: 171° Moon: 125°	2024 aug 11 17h 2.0m A24_08092 411 Xanthe UCAC4 313–261287 Diam = 79.0 m = 10.9 m = 12.5  Dur = 6.9s Dmag = 1.8 Sun: 166° Moon: 100°

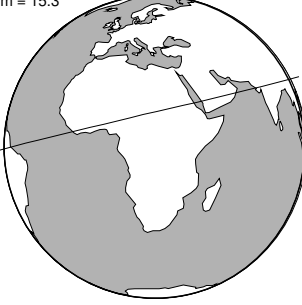
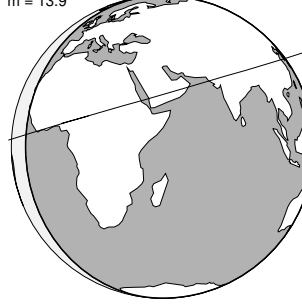
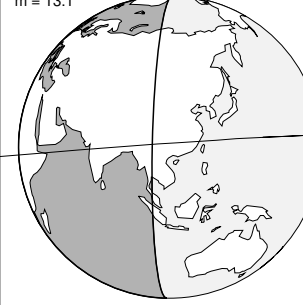
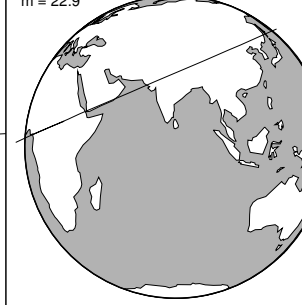
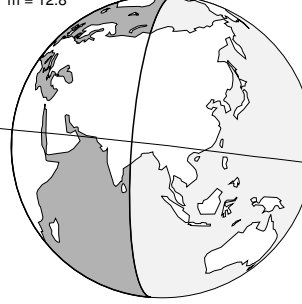
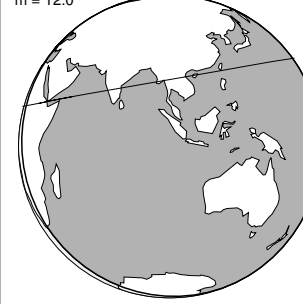
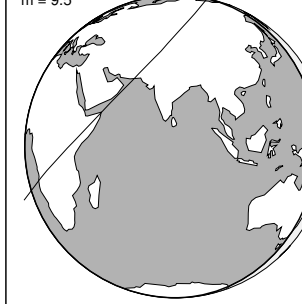
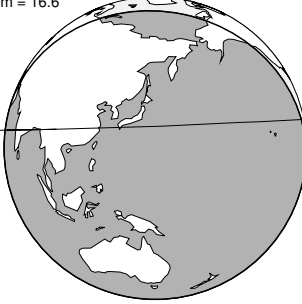
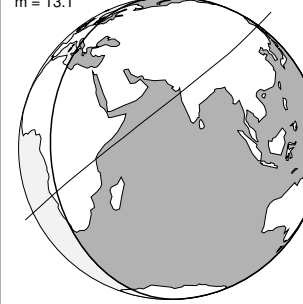
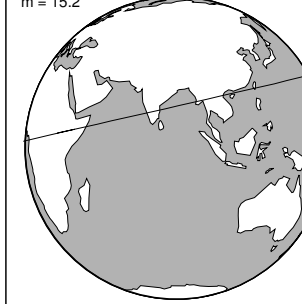
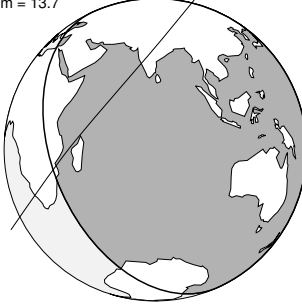
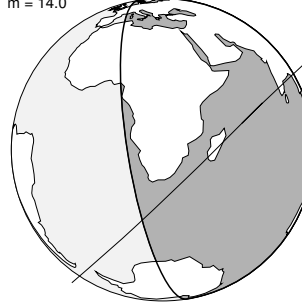
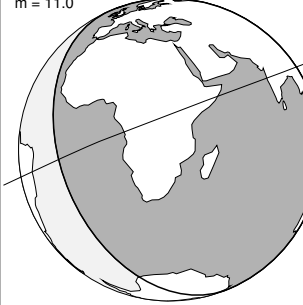
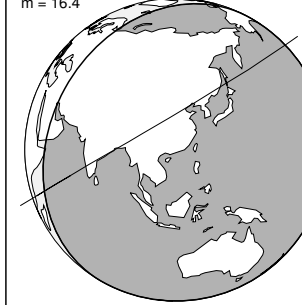
Occultations by major and minor planets – 2024

Region 6

2024 aug 12 16h42.7m B24_08007 385445 2003QH91 UCAC4 424–132631 Diam = 190.5 m = 14.2 m = 23.2  Dur = 8.1s Dmag = 9.0 Sun: 160° Moon: 109°	2024 aug 13 22h10.6m A24_08056 193 Ambrosia HIP 116020 Diam = 48.3 m = 9.8 m = 13.2  Dur = 6.7s Dmag = 3.4 Sun: 150° Moon: 104°	2024 aug 14 15h56.1m A24_08137 952 Caia TYC 7462–00733–1 Diam = 84.5 m = 11.3 m = 12.7  Dur = 9.0s Dmag = 1.7 Sun: 159° Moon: 52°	2024 aug 19 20h41.1m A24_08090 405 Thia TYC 0564–00685–1 Diam = 129.0 m = 11.9 m = 12.7  Dur = 9.7s Dmag = 1.2 Sun: 159° Moon: 22°
2024 aug 21 14h12.6m A24_08129 754 Malabar UCAC4 481–083136 Diam = 89.1 m = 11.5 m = 14.5  Dur = 7.3s Dmag = 3.0 Sun: 123° Moon: 78°	2024 aug 21 19h59.1m A24_08172 2003QX91 TYC 1195–02403–1 Diam = 84.7 m = 10.1 m = 24.2  Dur = 5.5s Dmag = 14.1 Sun: 125° Moon: 29°	2024 aug 22 14h41.9m A24_08114 648 Pippa UCAC4 332–071717 Diam = 70.5 m = 12.2 m = 16.1  Dur = 3.2s Dmag = 3.9 Sun: 77° Moon: 142°	2024 aug 22 20h41.4m A24_08163 2394 Nadeev UCAC4 429–119401 Diam = 56.0 m = 12.2 m = 16.0  Dur = 5.9s Dmag = 3.8 Sun: 157° Moon: 20°
2024 aug 24 22h52.0m A24_08010 36 Atalante UCAC4 635–021403 Diam = 109.0 m = 11.8 m = 12.6  Dur = 3.6s Dmag = 1.3 Sun: 73° Moon: 37°	2024 sep 7 23h42.1m A24_09006 13 Egeria TYC 1831–00082–1 Diam = 215.0 m = 11.4 m = 11.6  Dur = 12.7s Dmag = 0.8 Sun: 92° Moon: 146°	2024 sep 9 14h57.9m A24_09101 406 Erna UCAC4 323–126715 Diam = 53.8 m = 12.2 m = 15.2  Dur = 4.9s Dmag = 3.1 Sun: 102° Moon: 31°	2024 sep 10 16h53.7m A24_09079 261 Prymno UCAC4 325–196304 Diam = 52.6 m = 12.5 m = 13.8  Dur = 10.8s Dmag = 1.6 Sun: 115° Moon: 32°
2024 sep 10 20h48.6m A24_09166 1036 Ganymed TYC 3936–00965–1 Diam = 41.0 m = 9.5 m = 9.9  Dur = 5.8s Dmag = 1.0 Sun: 109° Moon: 92°	2024 sep 10 22h21.0m A24_09086 318 Magdalena UCAC4 497–005706 Diam = 55.0 m = 11.6 m = 14.8  Dur = 6.1s Dmag = 3.3 Sun: 109° Moon: 158°	2024 sep 14 13h 2.7m A24_09049 114 Kassandra TYC 6302–01997–1 Diam = 103.0 m = 10.4 m = 13.4  Dur = 37.7s Dmag = 3.1 Sun: 120° Moon: 13°	2024 sep 15 19h53.3m A24_09200 1070 Tunica TYC 5770–00457–1 Diam = 40.0 m = 10.9 m = 15.4  Dur = 4.3s Dmag = 4.5 Sun: 140° Moon: 13°

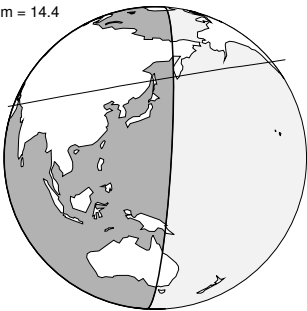
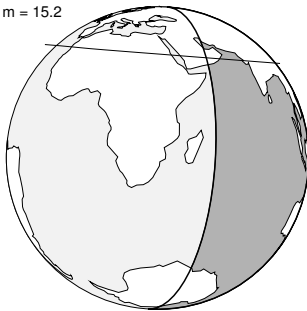
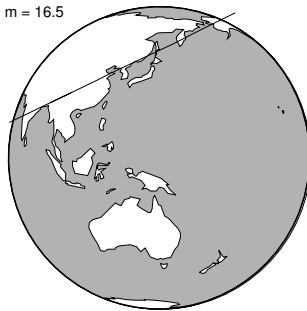
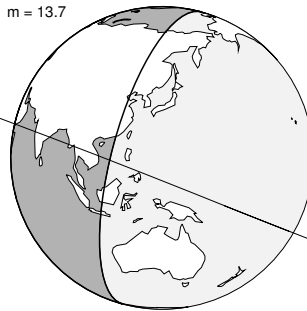
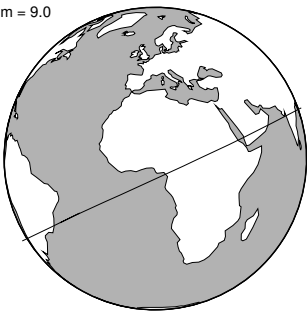
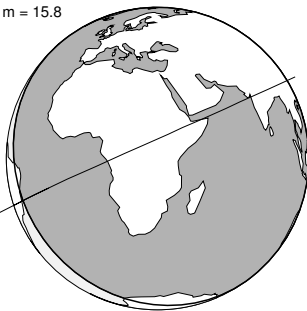
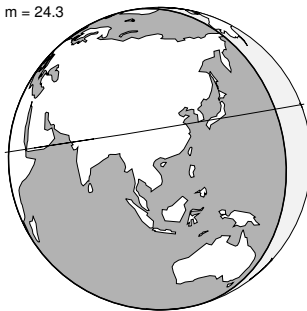
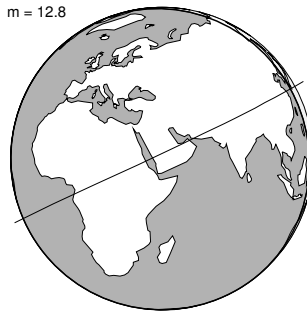
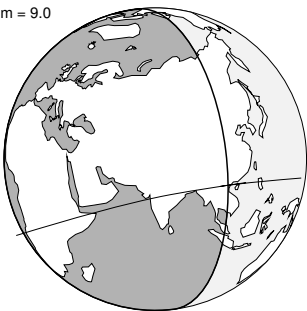
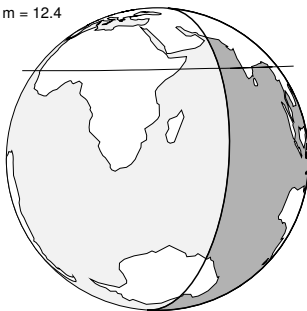
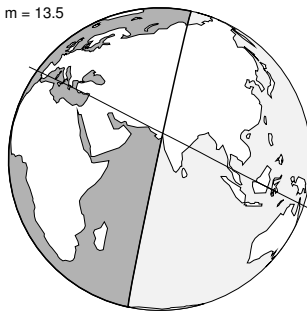
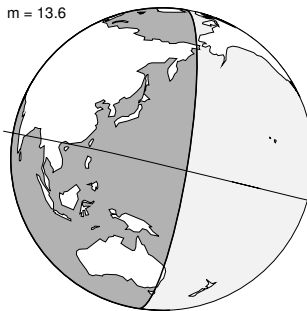
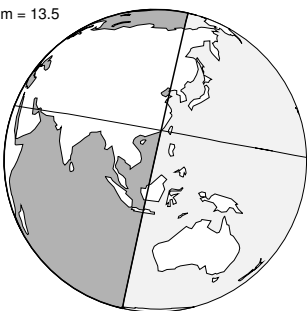
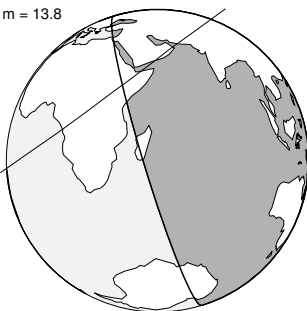
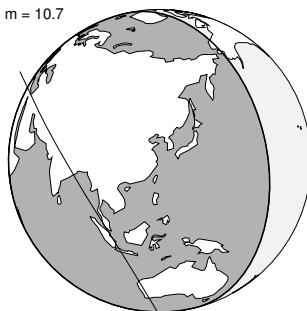
Occultations by major and minor planets – 2024

Region 6

2024 sep 16 22h55.8m A24_09081 280 Philia UCAC4 448–000312 Diam = 48.0 m = 12.1 m = 15.3  Dur = 3.9s Dmag = 3.3 Sun: 170° Moon: 25°	2024 sep 17 19h 1.7m A24_09102 408 Fama TYC 5224–00071–1 Diam = 45.0 m = 9.1 m = 13.9  Dur = 4.6s Dmag = 4.8 Sun: 155° Moon: 22°	2024 sep 17 23h11.5m A24_09013 26 Proserpina UCAC5 576–023212 Diam = 98.7 m = 12.5 m = 13.1  Dur = 5.2s Dmag = 1.1 Sun: 83° Moon: 99°	2024 sep 18 18h59.9m B24_09002 385446 Manwë UCAC4 445–000300 Diam = 202.3 m = 14.6 m = 22.9  Dur = 8.1s Dmag = 8.3 Sun: 172° Moon: 4°
2024 sep 19 21h 2.1m A24_09062 161 Athor UCAC5 568–007759 Diam = 45.7 m = 12.4 m = 13.1  Dur = 9.4s Dmag = 1.2 Sun: 118° Moon: 36°	2024 sep 20 0h20.8m A24_09040 88 Thisbe UCAC4 574–031019 Diam = 232.0 m = 12.0 m = 12.8  Dur = 11.5s Dmag = 1.2 Sun: 78° Moon: 75°	2024 sep 20 16h28.0m A24_09044 94 Aurora UCAC5 406–133852 Diam = 212.0 m = 12.4 m = 12.0  Dur = 17.7s Dmag = 0.5 Sun: 165° Moon: 51°	2024 sep 21 19h51.4m A24_09019 39 Laetitia TYC 4682–00444–1 Diam = 159.0 m = 11.4 m = 9.5  Dur = 16.8s Dmag = 0.2 Sun: 158° Moon: 35°
2024 sep 22 14h24.3m A24_09223 4867 Polites TYC 1730–01246–1 Diam = 55.0 m = 11.0 m = 16.6  Dur = 3.0s Dmag = 5.5 Sun: 154° Moon: 49°	2024 sep 23 14h57.7m A24_09197 1041 Asta TYC 6975–00110–1 Diam = 60.6 m = 11.7 m = 14.4  Dur = 6.0s Dmag = 2.7 Sun: 149° Moon: 99°	2024 sep 26 16h45.6m A24_09107 441 Bathilde TYC 5209–01136–1 Diam = 73.2 m = 10.8 m = 13.1  Dur = 9.7s Dmag = 2.4 Sun: 141° Moon: 145°	2024 sep 28 17h47.9m A24_09082 280 Philia TYC 4663–00293–1 Diam = 48.0 m = 11.5 m = 15.2  Dur = 3.8s Dmag = 3.7 Sun: 174° Moon: 141°
2024 sep 29 15h42.9m A24_09094 357 Ninina TYC 6369–00417–1 Diam = 110.0 m = 9.4 m = 13.7  Dur = 23.7s Dmag = 4.2 Sun: 132° Moon: 167°	2024 sep 30 17h14.7m A24_09104 426 Hippo UCAC4 338–194298 Diam = 134.0 m = 11.9 m = 14.0  Dur = 13.0s Dmag = 2.2 Sun: 103° Moon: 126°	2024 oct 4 19h 6.9m A24_10023 44 Nysa TYC 5808–00967–1 Diam = 73.3 m = 11.1 m = 11.0  Dur = 14.8s Dmag = 0.7 Sun: 136° Moon: 114°	2024 oct 5 14h22.0m A24_10163 5120 Bitias TYC 2221–00627–1 Diam = 52.5 m = 10.1 m = 16.4  Dur = 3.7s Dmag = 6.3 Sun: 147° Moon: 127°

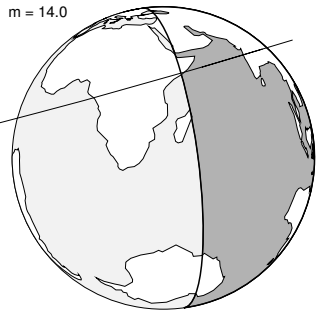
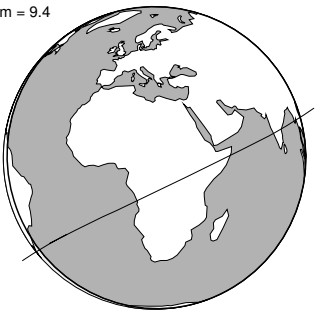
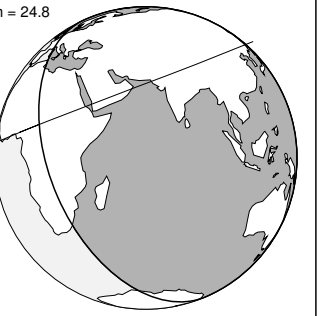
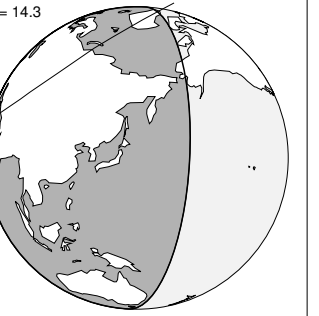
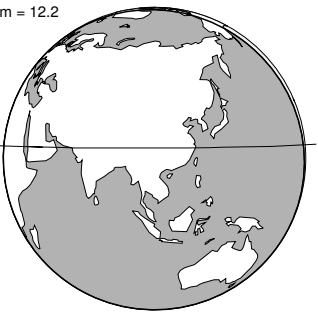
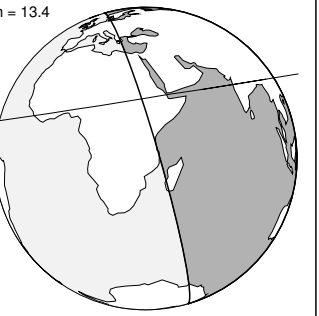
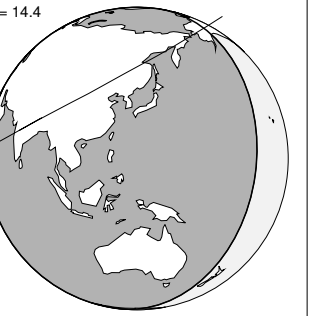
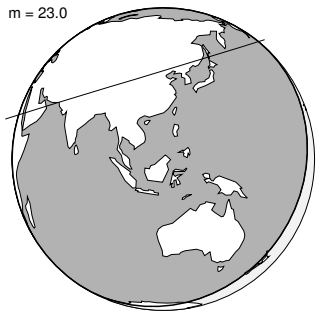
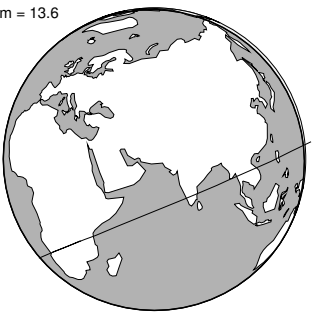
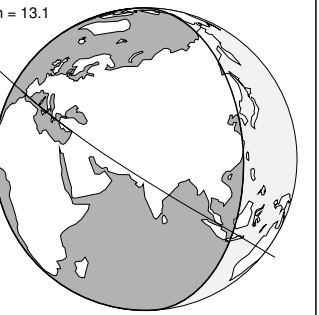
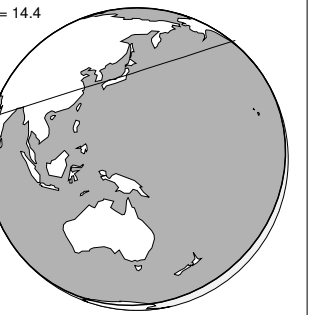
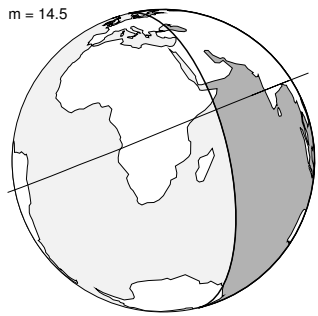
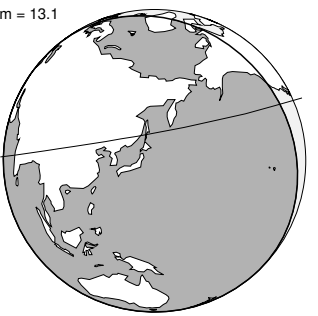
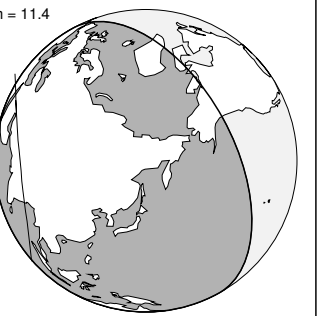
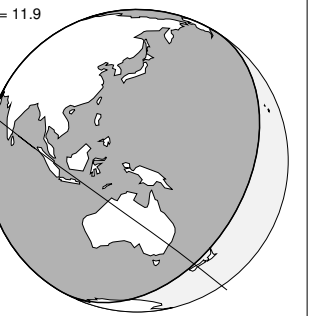
Occultations by major and minor planets – 2024

Region 6

2024 oct 5 19h56.3m A24_10108 691 Lehig UCAC4 550–027999 Diam = 92.6 m = 12.2 m = 14.4  Dur = 7.0s Dmag = 2.4 Sun: 96° Moon: 129°	2024 oct 7 14h11.1m A24_10085 449 Hamburga TYC 6825–00389–1 Diam = 88.6 m = 8.6 m = 15.2  Dur = 3.2s Dmag = 6.6 Sun: 67° Moon: 15°	2024 oct 10 14h40.8m A24_10152 2246 Bowell TYC 0031–01157–1 Diam = 52.1 m = 10.2 m = 16.5  Dur = 3.3s Dmag = 6.4 Sun: 171° Moon: 98°	2024 oct 14 22h18.8m A24_10057 241 Germania UCAC4 527–048234 Diam = 169.0 m = 12.0 m = 13.7  Dur = 6.9s Dmag = 1.9 Sun: 70° Moon: 145°
2024 oct 16 23h25.9m A24_10010 19 Fortuna TYC 0614–00266–1 Diam = 149.0 m = 11.5 m = 9.0  Dur = 19.6s Dmag = 0.1 Sun: 179° Moon: 8°	2024 oct 18 20h28.7m A24_10137 1212 Francette TYC 4668–00263–1 Diam = 90.7 m = 8.9 m = 15.8  Dur = 6.3s Dmag = 6.8 Sun: 157° Moon: 42°	2024 oct 19 18h47.0m B24_10012 2015VD170 UCAC5 557–007703 Diam = 158.5 m = 14.6 m = 24.3  Dur = 7.5s Dmag = 9.7 Sun: 145° Moon: 4°	2024 oct 19 21h36.5m A24_10070 336 Lacadiëra TYC 1219–00470–1 Diam = 72.0 m = 10.9 m = 12.8  Dur = 6.7s Dmag = 2.1 Sun: 164° Moon: 19°
2024 oct 20 22h58.3m A24_10006 15 Eunomia UCAC5 630–027898 Diam = 272.0 m = 12.4 m = 9.0  Dur = 69.1s Dmag = 0.0 Sun: 117° Moon: 15°	2024 oct 22 13h19.7m A24_10014 22 Kalliope UCAC4 292–147142 Diam = 187.0 m = 12.4 m = 12.4  Dur = 6.3s Dmag = 0.8 Sun: 61° Moon: 172°	2024 oct 23 1h13.8m A24_10054 233 Asterope UCAC4 517–045712 Diam = 108.0 m = 11.9 m = 13.5  Dur = 6.6s Dmag = 1.8 Sun: 89° Moon: 20°	2024 oct 23 19h10.9m A24_10041 122 Gerda TYC 1355–01030–1 Diam = 86.5 m = 10.6 m = 13.6  Dur = 8.2s Dmag = 3.0 Sun: 99° Moon: 8°
2024 oct 24 22h17.5m A24_10080 387 Aquitania TYC 0789–01771–1 Diam = 106.0 m = 11.3 m = 13.5  Dur = 8.5s Dmag = 2.4 Sun: 89° Moon: 14°	2024 oct 26 15h 2.8m A24_10119 952 Caia TYC 6926–00379–1 Diam = 84.5 m = 11.4 m = 13.8  Dur = 5.1s Dmag = 2.5 Sun: 95° Moon: 159°	2024 oct 26 18h31.5m A24_10003 13 Egeria TYC 2388–01883–1 Diam = 215.0 m = 10.1 m = 10.7  Dur = 26.6s Dmag = 1.1 Sun: 135° Moon: 73°	2024 oct 27 21h 7.8m A24_10069 326 Tamara UCAC4 661–034180 Diam = 100.0 m = 12.1 m = 13.9  Dur = 8.0s Dmag = 2.0 Sun: 130° Moon: 83°

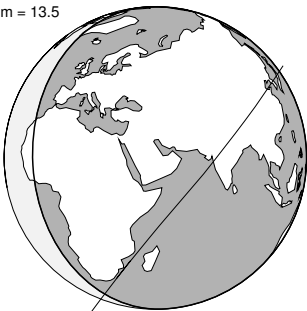
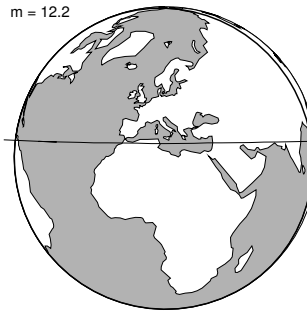
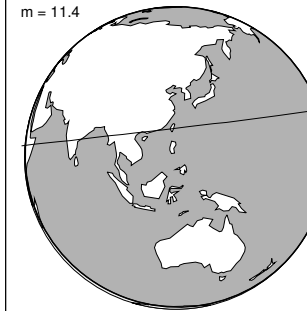
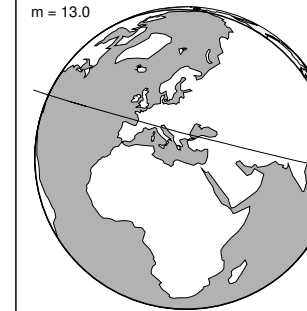
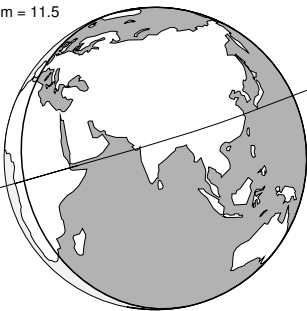
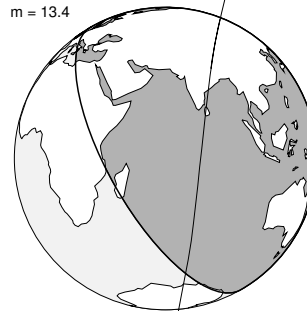
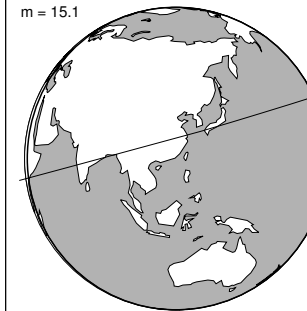
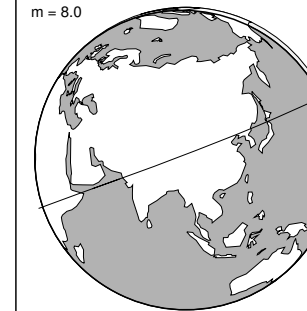
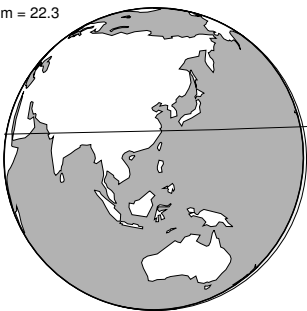
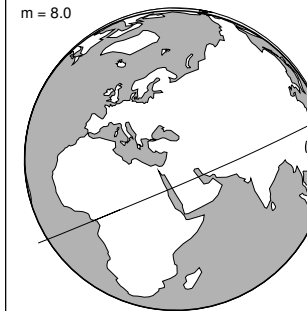
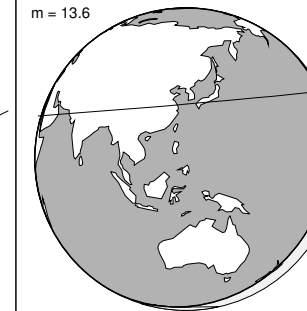
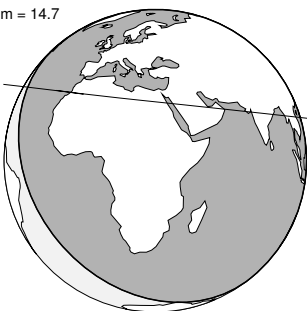
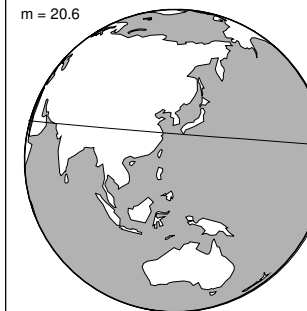
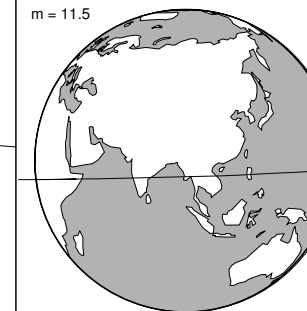
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Region 6

2024 oct 28 14h38.0m A24_10045 145 Adeona TYC 7426–01545–1 Diam = 155.0 m = 10.8 m = 14.0  Dur = 7.0s Dmag = 3.3 Sun: 76° Moon: 119°	2024 oct 28 21h30.9m A24_10011 19 Fortuna TYC 0613–00305–1 Diam = 149.0 m = 10.9 m = 9.4  Dur = 21.6s Dmag = 0.2 Sun: 166° Moon: 155°	2024 oct 30 16h17.8m B24_10008 2001OO108 UCAC4 421–142323 Diam = 109.6 m = 12.8 m = 24.8  Dur = 7.5s Dmag = 12.0 Sun: 129° Moon: 150°	2024 nov 1 18h49.0m A24_11109 709 Fringilla UCAC4 641–041781 Diam = 99.6 m = 12.1 m = 14.3  Dur = 19.4s Dmag = 2.3 Sun: 110° Moon: 114°
2024 nov 3 16h58.4m A24_11086 445 Edna TYC 1134–01358–1 Diam = 89.0 m = 12.3 m = 13.9  Dur = 10.8s Dmag = 1.8 Sun: 111° Moon: 91°	2024 nov 4 17h21.1m A24_11043 161 Athor UCAC4 580–007321 Diam = 45.7 m = 10.8 m = 12.2  Dur = 4.1s Dmag = 1.7 Sun: 167° Moon: 154°	2024 nov 8 15h16.0m A24_11028 102 Miriam TYC 5769–01438–1 Diam = 86.0 m = 11.7 m = 13.4  Dur = 3.7s Dmag = 1.9 Sun: 84° Moon: 9°	2024 nov 8 17h35.2m A24_11118 798 Ruth PPMX 5985745 Diam = 46.2 m = 11.9 m = 14.4  Dur = 5.1s Dmag = 2.6 Sun: 142° Moon: 132°
2024 nov 12 17h14.1m B24_11010 2010VD253 UCAC5 476–006724 Diam = 239.9 m = 14.9 m = 23.0  Dur = 9.4s Dmag = 8.0 Sun: 157° Moon: 61°	2024 nov 12 20h 4.7m A24_11117 792 Metcalfa TYC 1807–01246–1 Diam = 63.5 m = 10.7 m = 13.6  Dur = 5.9s Dmag = 3.0 Sun: 168° Moon: 53°	2024 nov 13 22h24.1m A24_11033 120 Lachesis TYC 2436–00363–1 Diam = 178.0 m = 11.4 m = 13.1  Dur = 38.9s Dmag = 1.9 Sun: 130° Moon: 77°	2024 nov 15 14h47.1m A24_11121 903 Nealley UCAC5 470–005815 Diam = 65.7 m = 12.4 m = 14.4  Dur = 5.2s Dmag = 2.1 Sun: 161° Moon: 24°
2024 nov 18 14h19.4m A24_11084 426 Hippo UCAC4 360–204608 Diam = 134.0 m = 12.4 m = 14.5  Dur = 4.7s Dmag = 2.2 Sun: 64° Moon: 151°	2024 nov 19 15h17.3m A24_11143 1284 Latvia TYC 2895–00329–1 Diam = 40.2 m = 9.3 m = 13.1  Dur = 5.6s Dmag = 3.9 Sun: 154° Moon: 30°	2024 nov 19 17h23.7m A24_11062 247 Eukrate TYC 4114–00526–1 Diam = 137.0 m = 10.7 m = 11.4  Dur = 15.0s Dmag = 1.2 Sun: 125° Moon: 36°	2024 nov 23 17h14.0m A24_11105 679 Pax UCAC4 452–019223 Diam = 65.5 m = 9.8 m = 11.9  Dur = 8.8s Dmag = 2.2 Sun: 137° Moon: 63°

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Region 6

2024 nov 23 17h57.5m A24_11093 507 Laodica TYC 1748–01713–1 Diam = 48.5 m = 10.7 m = 13.5  Dur = 6.3s Dmag = 2.9 Sun: 144° Moon: 129°	2024 nov 27 23h51.2m A24_11019 47 Aglaja UCAC4 600–018148 Diam = 137.0 m = 12.3 m = 12.2  Dur = 10.6s Dmag = 0.7 Sun: 164° Moon: 130°	2024 nov 28 15h16.1m A24_11031 103 Hera UCAC4 511–006272 Diam = 95.2 m = 12.4 m = 11.4  Dur = 8.0s Dmag = 0.3 Sun: 169° Moon: 155°	2024 nov 28 23h 6.5m A24_11094 508 Princetonia PPMX 3979456 Diam = 147.0 m = 12.3 m = 13.0  Dur = 10.7s Dmag = 1.1 Sun: 161° Moon: 139°
2024 dec 2 16h34.6m A24_12015 33 Polyhymnia UCAC4 539–004612 Diam = 81.3 m = 12.1 m = 11.5  Dur = 17.2s Dmag = 0.5 Sun: 151° Moon: 135°	2024 dec 3 15h30.3m A24_12046 146 Lucina UCAC4 395–000810 Diam = 137.0 m = 12.3 m = 13.4  Dur = 15.7s Dmag = 1.4 Sun: 112° Moon: 84°	2024 dec 5 15h16.5m A24_12151 1109 Tata UCAC4 565–008992 Diam = 69.5 m = 11.3 m = 15.1  Dur = 4.8s Dmag = 3.9 Sun: 169° Moon: 117°	2024 dec 7 18h 5.3m A24_12007 15 Eunomia UCAC4 623–024846 Diam = 272.0 m = 11.8 m = 8.0  Dur = 27.0s Dmag = 0.0 Sun: 166° Moon: 110°
2024 dec 8 16h46.8m A24_12179 2004VZ75 UCAC4 545–020601 Diam = 218.8 m = 12.4 m = 22.3  Dur = 8.8s Dmag = 9.9 Sun: 167° Moon: 101°	2024 dec 11 16h48.2m A24_12087 438 Zeuxo TYC 5822–00443–1 Diam = 63.6 m = 10.3 m = 14.9  Dur = 3.3s Dmag = 4.7 Sun: 87° Moon: 44°	2024 dec 11 21h23.3m A24_12008 15 Eunomia TYC 2411–01242–1 Diam = 272.0 m = 10.6 m = 8.0  Dur = 26.3s Dmag = 0.1 Sun: 168° Moon: 50°	2024 dec 14 16h49.6m A24_12053 204 Kallisto PPMX 7040347 Diam = 50.8 m = 12.4 m = 13.6  Dur = 3.7s Dmag = 1.5 Sun: 158° Moon: 32°
2024 dec 16 20h 6.5m A24_12136 903 Neatley TYC 0068–00328–1 Diam = 65.7 m = 11.1 m = 14.7  Dur = 6.8s Dmag = 3.7 Sun: 146° Moon: 53°	2024 dec 17 14h28.0m A24_12182 2014UE228 TYC 1223–01853–1 Diam = 87.1 m = 10.6 m = 24.2  Dur = 5.2s Dmag = 13.6 Sun: 137° Moon: 71°	2024 dec 20 16h 3.8m B24_12003 119979 2002WC19 UCAC4 556–029744 Diam = 485.3 m = 14.4 m = 20.6  Dur = 19.5s Dmag = 6.2 Sun: 171° Moon: 57°	2024 dec 20 18h19.7m A24_12030 88 Thisbe TYC 1880–00960–1 Diam = 232.0 m = 11.8 m = 11.5  Dur = 16.2s Dmag = 0.6 Sun: 170° Moon: 56°

