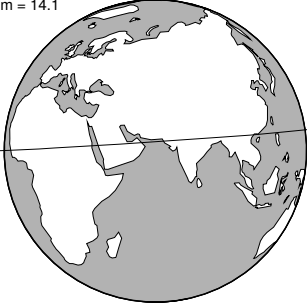
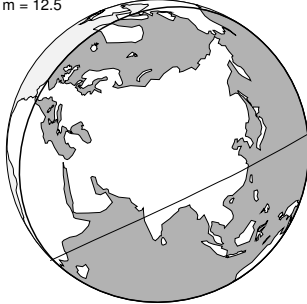
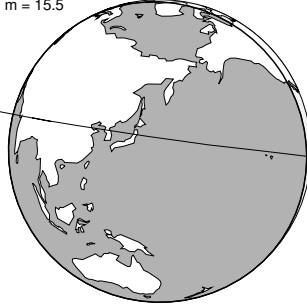
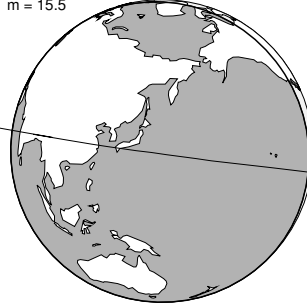
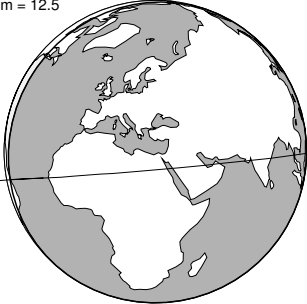
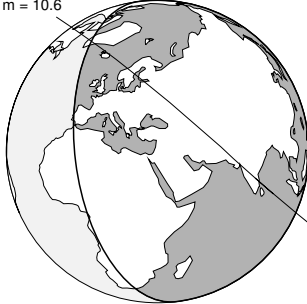
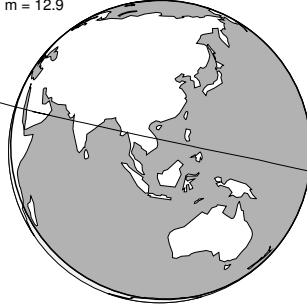
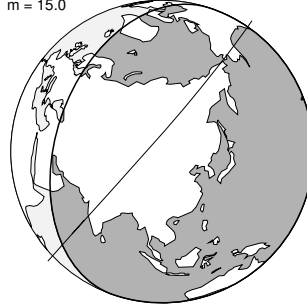
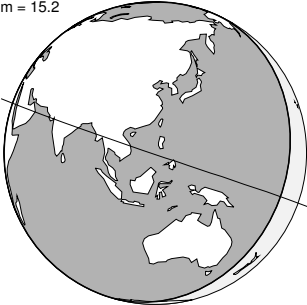
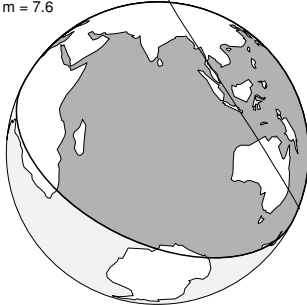
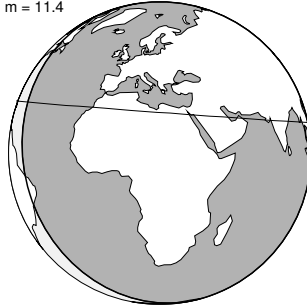
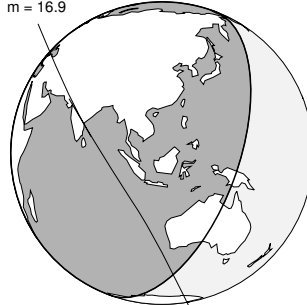
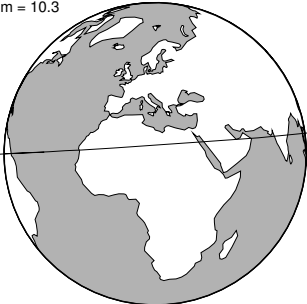
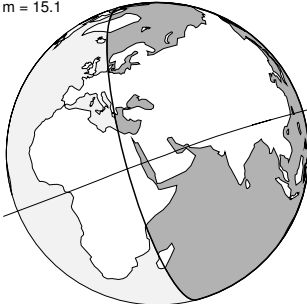
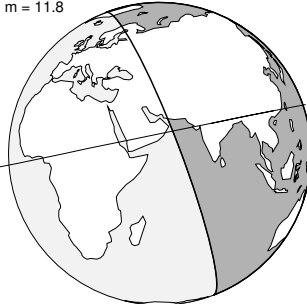
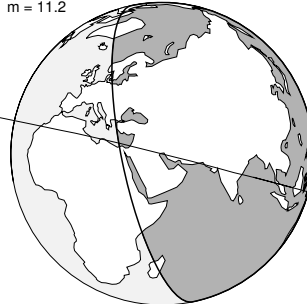


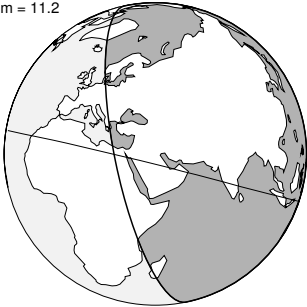
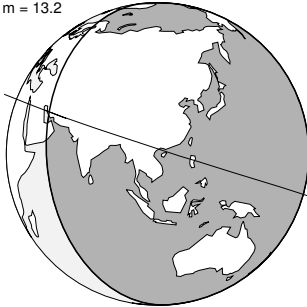
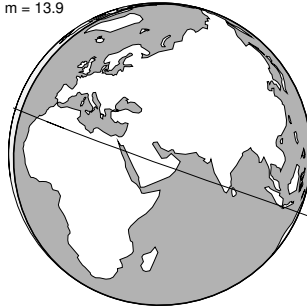
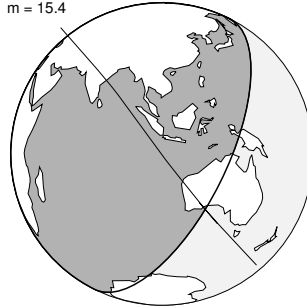
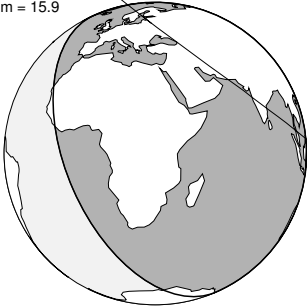
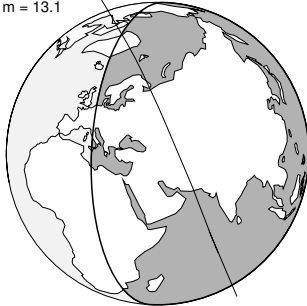
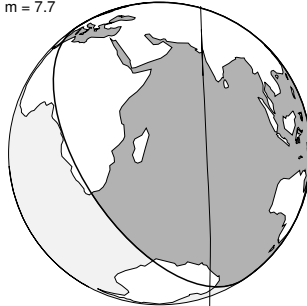
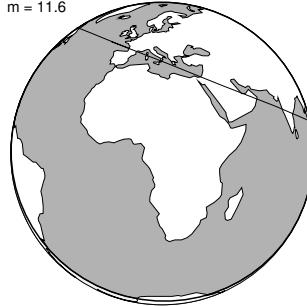
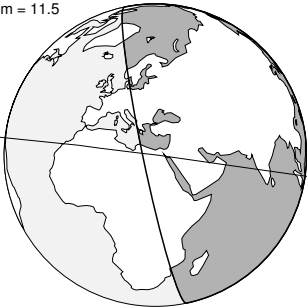
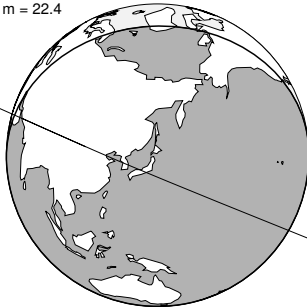
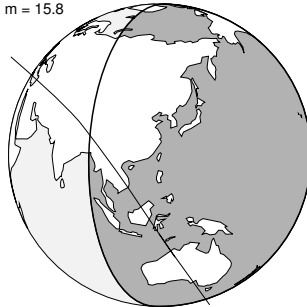
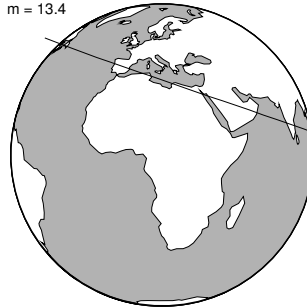
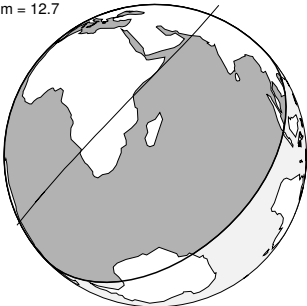
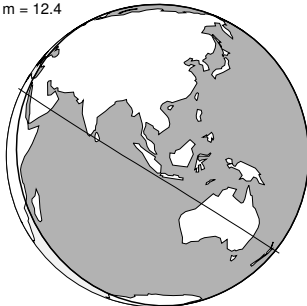
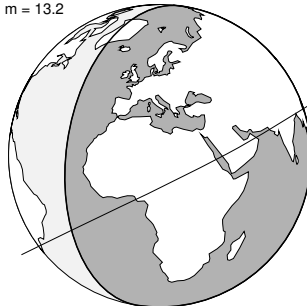
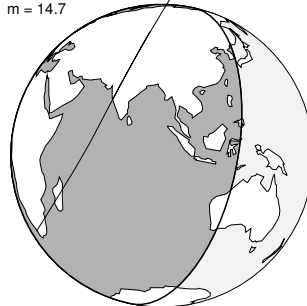
Occultations by major and minor planets – 2023

Region 6

<p>2023 jan 1 19h37.4m A23_01095 552 Sigelinde HIP 31483 Diam = 81.0 m = 7.8 m = 14.1</p>  <p>Dur = 5.4s Dmag = 6.2 Sun: 176° Moon: 55°</p>	<p>2023 jan 3 17h 6.2m A23_01045 117 Lomia UCAC4 673–035184 Diam = 154.0 m = 12.3 m = 12.5</p>  <p>Dur = 13.5s Dmag = 0.8 Sun: 149° Moon: 23°</p>	<p>2023 jan 4 14h53.4m A23_01125 1002 Olbersia UCAC4 618–043832 Diam = 57.1 m = 12.3 m = 15.5</p>  <p>Dur = 4.1s Dmag = 3.3 Sun: 163° Moon: 38°</p>	<p>2023 jan 4 14h59.5m A23_01124 1002 Olbersia TYC 2472–01545–1 Diam = 57.1 m = 10.8 m = 15.5</p>  <p>Dur = 4.1s Dmag = 4.8 Sun: 163° Moon: 38°</p>
<p>2023 jan 6 21h 7.5m A23_01061 224 Oceana TYC 2424–00093–1 Diam = 79.8 m = 9.7 m = 12.5</p>  <p>Dur = 6.6s Dmag = 2.9 Sun: 163° Moon: 14°</p>	<p>2023 jan 7 17h23.9m A23_01041 115 Thyra TYC 2330–00241–1 Diam = 83.5 m = 9.9 m = 10.6</p>  <p>Dur = 10.2s Dmag = 1.2 Sun: 123° Moon: 64°</p>	<p>2023 jan 11 16h 6.1m A23_01090 490 Veritas UCAC4 501–032304 Diam = 121.0 m = 12.5 m = 12.9</p>  <p>Dur = 9.1s Dmag = 1.0 Sun: 164° Moon: 62°</p>	<p>2023 jan 13 14h 7.5m A23_01118 911 Agamemnon TYC 3346–00611–1 Diam = 175.0 m = 10.3 m = 15.0</p>  <p>Dur = 13.4s Dmag = 4.8 Sun: 134° Moon: 108°</p>
<p>2023 jan 18 18h10.4m A23_01111 846 Lipperta TYC 0832–00080–1 Diam = 54.2 m = 9.8 m = 15.2</p>  <p>Dur = 5.0s Dmag = 5.4 Sun: 151° Moon: 107°</p>	<p>2023 jan 20 17h22.0m A23_01004 2 Pallas TYC 6520–02128–1 Diam = 530.9 m = 9.7 m = 7.6</p>  <p>Dur = 43.9s Dmag = 0.2 Sun: 126° Moon: 123°</p>	<p>2023 jan 21 21h 4.4m A23_01014 12 Victoria UCAC4 519–026461 Diam = 117.0 m = 12.4 m = 11.4</p>  <p>Dur = 9.8s Dmag = 0.4 Sun: 154° Moon: 152°</p>	<p>2023 jan 22 20h39.6m A23_01147 2312 Duboshin HIP 59755 Diam = 60.0 m = 7.7 m = 16.9</p>  <p>Dur = 20.7s Dmag = 9.2 Sun: 120° Moon: 135°</p>
<p>2023 jan 22 23h20.8m A23_01034 89 Julia TYC 1391–00312–1 Diam = 159.0 m = 10.0 m = 10.3</p>  <p>Dur = 10.7s Dmag = 0.9 Sun: 175° Moon: 167°</p>	<p>2023 jan 26 15h41.3m A23_01036 99 Dike HIP 13801 Diam = 54.2 m = 9.5 m = 15.1</p>  <p>Dur = 8.0s Dmag = 5.6 Sun: 102° Moon: 38°</p>	<p>2023 jan 27 13h39.2m A23_01063 230 Athamantis TYC 0625–01069–1 Diam = 125.0 m = 9.4 m = 11.8</p>  <p>Dur = 5.5s Dmag = 2.5 Sun: 82° Moon: 6°</p>	<p>2023 jan 30 15h29.2m A23_01043 115 Thyra HIP 15744 Diam = 83.5 m = 8.5 m = 11.2</p>  <p>Dur = 5.9s Dmag = 2.8 Sun: 105° Moon: 11°</p>

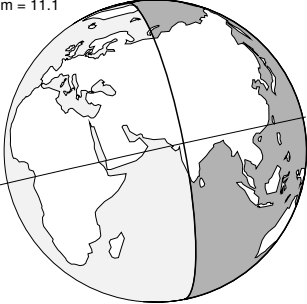
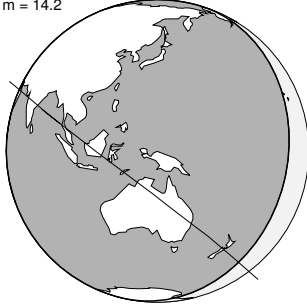
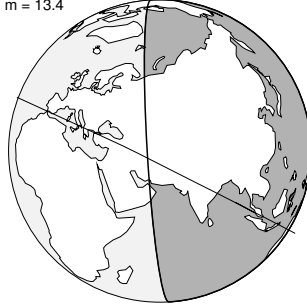
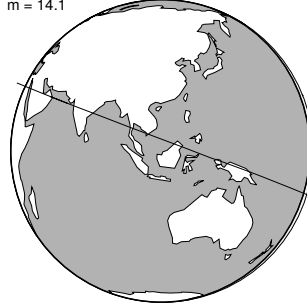
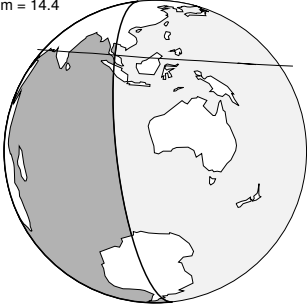
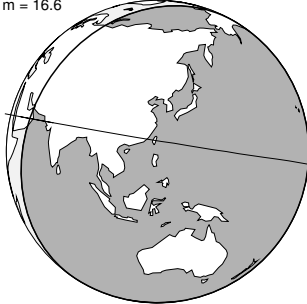
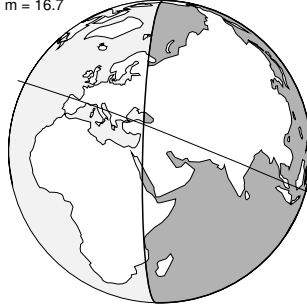
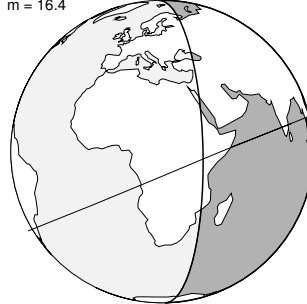
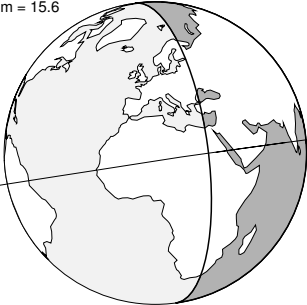
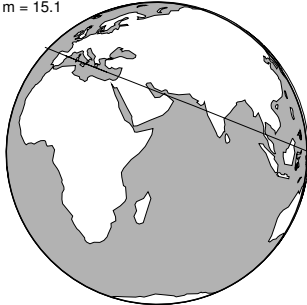
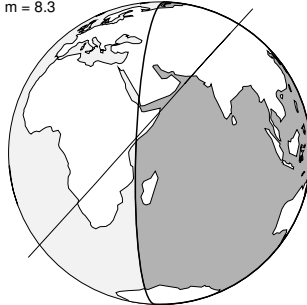
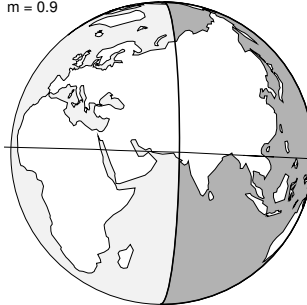
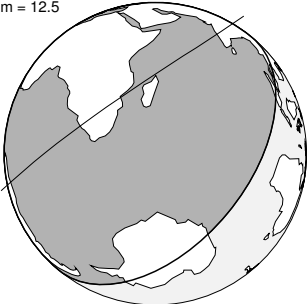
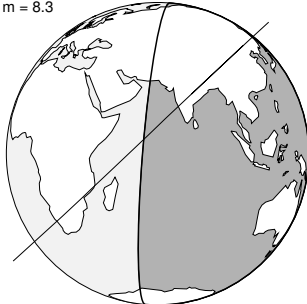
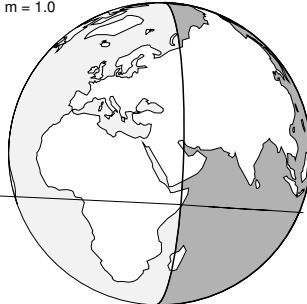
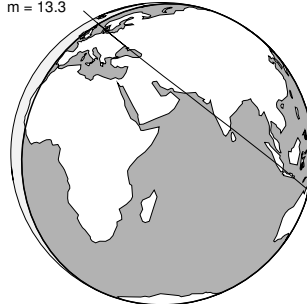
Occultations by major and minor planets – 2023

Region 6

<p>2023 jan 30 15h42.4m A23_01044 115 Thyra HIP 15746 Diam = 83.5 m = 8.6 m = 11.2</p>  <p>Dur = 5.9s Dmag = 2.6 Sun: 105° Moon: 11°</p>	<p>2023 jan 31 14h 3.9m A23_01038 100 Hekate TYC 1320-01670-1 Diam = 92.0 m = 9.7 m = 13.2</p>  <p>Dur = 11.3s Dmag = 3.6 Sun: 137° Moon: 15°</p>	<p>2023 jan 31 19h46.8m A23_01080 464 Megaira TYC 1929-00135-1 Diam = 76.5 m = 11.7 m = 13.9</p>  <p>Dur = 5.9s Dmag = 2.3 Sun: 163° Moon: 38°</p>	<p>2023 jan 31 21h 3.7m A23_01136 1315 Bronislava TYC 5541-01296-1 Diam = 65.5 m = 10.1 m = 15.4</p>  <p>Dur = 16.2s Dmag = 5.3 Sun: 115° Moon: 118°</p>
<p>2023 feb 5 18h51.3m A23_02120 1583 Antiochus UCAC4 426-011697 Diam = 109.0 m = 11.1 m = 15.9</p>  <p>Dur = 11.1s Dmag = 4.8 Sun: 126° Moon: 57°</p>	<p>2023 feb 9 16h30.1m A23_02034 117 Lomia TYC 2898-02805-1 Diam = 154.0 m = 10.9 m = 13.1</p>  <p>Dur = 18.6s Dmag = 2.3 Sun: 115° Moon: 104°</p>	<p>2023 feb 11 17h27.7m A23_02003 2 Pallas TYC 5959-00946-1 Diam = 530.9 m = 10.2 m = 7.7</p>  <p>Dur = 32.6s Dmag = 0.1 Sun: 121° Moon: 104°</p>	<p>2023 feb 12 22h51.4m A23_02022 80 Sappho TYC 0228-02046-1 Diam = 81.7 m = 9.1 m = 11.6</p>  <p>Dur = 6.1s Dmag = 2.6 Sun: 166° Moon: 81°</p>
<p>2023 feb 15 16h11.9m A23_02030 115 Thyra TYC 1812-01080-1 Diam = 83.5 m = 11.1 m = 11.5</p>  <p>Dur = 4.4s Dmag = 1.0 Sun: 94° Moon: 159°</p>	<p>2023 feb 22 14h34.1m A23_02133 535230 2014YH50 UCAC4 659-053070 Diam = 234.4 m = 12.0 m = 22.4</p>  <p>Dur = 9.4s Dmag = 10.4 Sun: 148° Moon: 129°</p>	<p>2023 feb 24 11h54.0m A23_02117 1297 Quadea UCAC4 572-026365 Diam = 66.0 m = 11.0 m = 15.8</p>  <p>Dur = 15.9s Dmag = 4.8 Sun: 117° Moon: 62°</p>	<p>2023 feb 24 23h 3.2m A23_02086 514 Armida TYC 0249-00399-1 Diam = 110.0 m = 11.5 m = 13.4</p>  <p>Dur = 8.2s Dmag = 2.0 Sun: 174° Moon: 118°</p>
<p>2023 feb 25 23h 5.3m A23_02078 426 Hippo TYC 6695-00220-1 Diam = 134.0 m = 9.3 m = 12.7</p>  <p>Dur = 12.9s Dmag = 3.4 Sun: 131° Moon: 143°</p>	<p>2023 feb 28 15h48.5m A23_02023 85 Io UCAC4 454-046322 Diam = 178.0 m = 11.8 m = 12.4</p>  <p>Dur = 12.4s Dmag = 1.0 Sun: 157° Moon: 60°</p>	<p>2023 mar 1 19h47.6m A23_03062 165 Loreley PPMX 6090891 Diam = 160.0 m = 12.5 m = 13.2</p>  <p>Dur = 31.1s Dmag = 1.2 Sun: 128° Moon: 12°</p>	<p>2023 mar 1 21h54.8m A23_03160 866 Fatme TYC 4997-00771-1 Diam = 91.7 m = 11.2 m = 14.7</p>  <p>Dur = 32.2s Dmag = 3.6 Sun: 119° Moon: 120°</p>

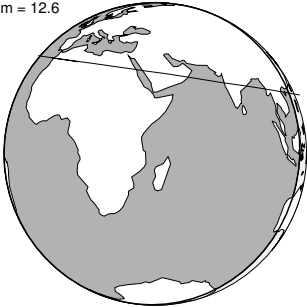
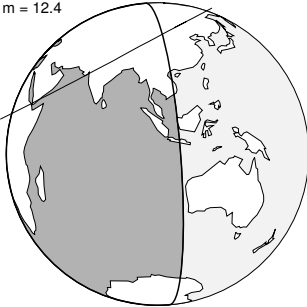
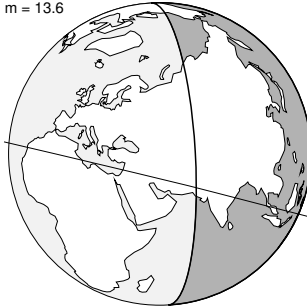
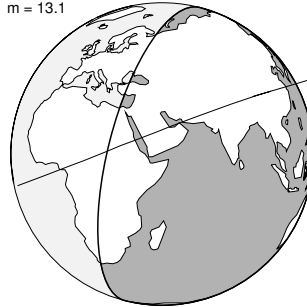
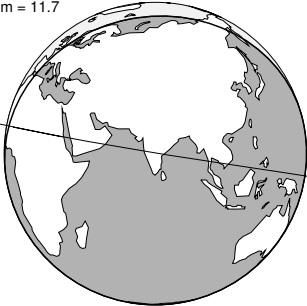
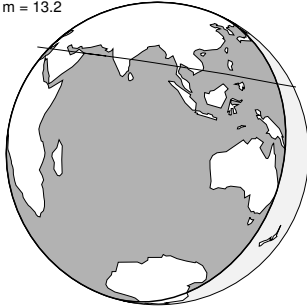
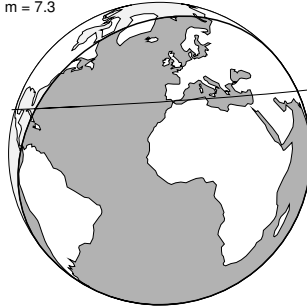
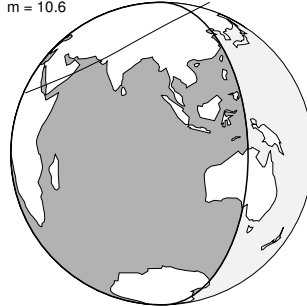
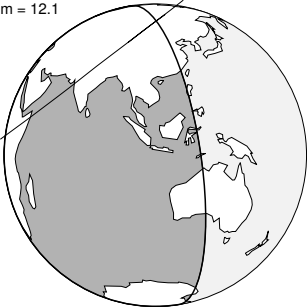
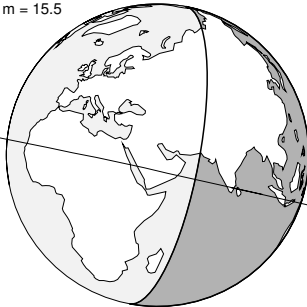
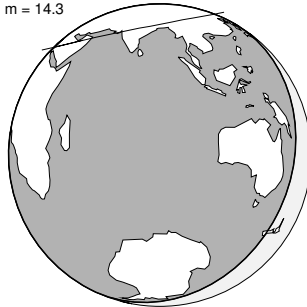
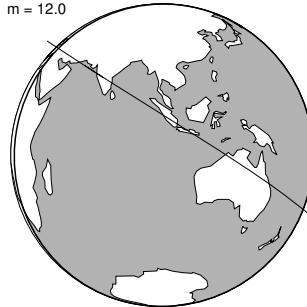
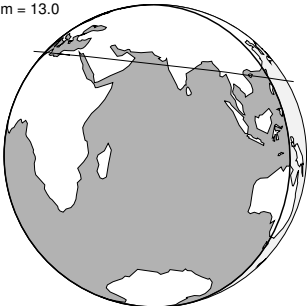
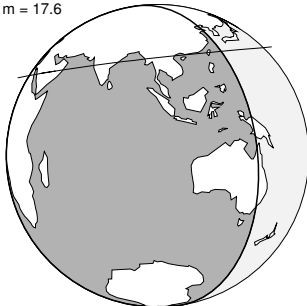
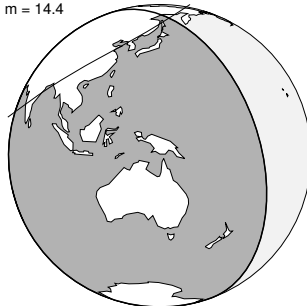
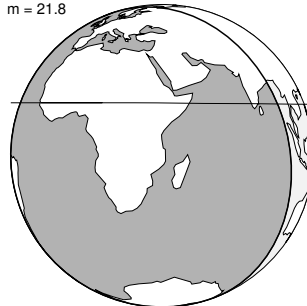
Occultations by major and minor planets – 2023

Region 6

<p>2023 mar 5 13h 3.7m A23_03029 27 Euterpe TYC 1262-01569-1 Diam = 124.0 m = 10.9 m = 11.1</p>  <p>Dur = 4.9s Dmag = 0.9 Sun: 78° Moon: 79°</p>	<p>2023 mar 5 16h58.0m A23_03093 301 Bavaria TYC 4957-00790-1 Diam = 55.5 m = 10.9 m = 14.2</p>  <p>Dur = 7.0s Dmag = 3.3 Sun: 149° Moon: 50°</p>	<p>2023 mar 6 14h13.9m A23_03057 117 Lomia UCAC4 642-023620 Diam = 154.0 m = 12.4 m = 13.4</p>  <p>Dur = 9.8s Dmag = 1.4 Sun: 94° Moon: 74°</p>	<p>2023 mar 8 17h35.5m A23_03089 257 Silesia UCAC4 466-047189 Diam = 73.5 m = 11.9 m = 14.1</p>  <p>Dur = 5.6s Dmag = 2.4 Sun: 167° Moon: 2°</p>
<p>2023 mar 12 23h27.9m A23_03059 143 Adria UCAC4 280-195764 Diam = 92.0 m = 12.3 m = 14.4</p>  <p>Dur = 3.5s Dmag = 2.2 Sun: 75° Moon: 42°</p>	<p>2023 mar 15 14h17.8m A23_03174 1354 Botha UCAC4 549-048044 Diam = 52.5 m = 12.3 m = 16.6</p>  <p>Dur = 4.4s Dmag = 4.2 Sun: 149° Moon: 127°</p>	<p>2023 mar 15 15h33.9m A23_03180 1512 Oulu HIP 28774 Diam = 90.0 m = 9.5 m = 16.7</p>  <p>Dur = 9.5s Dmag = 7.2 Sun: 96° Moon: 177°</p>	<p>2023 mar 20 15h38.9m A23_03188 3793 Leonteus UCAC4 471-008254 Diam = 72.4 m = 12.4 m = 16.4</p>  <p>Dur = 3.2s Dmag = 4.0 Sun: 74° Moon: 87°</p>
<p>2023 mar 23 16h13.2m A23_03091 279 Thule UCAC4 564-011249 Diam = 135.0 m = 11.0 m = 15.6</p>  <p>Dur = 5.5s Dmag = 4.6 Sun: 69° Moon: 44°</p>	<p>2023 mar 24 21h 8.7m A23_03165 940 Kordula TYC 0293-00023-1 Diam = 51.3 m = 12.4 m = 15.1</p>  <p>Dur = 3.2s Dmag = 2.8 Sun: 170° Moon: 144°</p>	<p>2023 mar 27 15h16.9m A23_03013 2 Pallas UCAC4 423-024904 Diam = 530.9 m = 12.3 m = 8.3</p>  <p>Dur = 22.5s Dmag = 0.0 Sun: 99° Moon: 41°</p>	<p>2023 mar 29 13h35.3m P23_03001 Mars TYC 1868-02053-1 Diam = 6759.2 m = 8.1 m = 0.9</p>  <p>Dur = 318.5s Dmag = 0.0 Sun: 83° Moon: 12°</p>
<p>2023 mar 29 23h17.3m A23_03148 702 Alauda PPMX 14540243 Diam = 202.0 m = 12.2 m = 12.5</p>  <p>Dur = 29.5s Dmag = 0.9 Sun: 128° Moon: 126°</p>	<p>2023 apr 2 14h 1.1m A23_04002 2 Pallas UCAC4 433-028787 Diam = 530.9 m = 11.1 m = 8.3</p>  <p>Dur = 21.5s Dmag = 0.1 Sun: 95° Moon: 51°</p>	<p>2023 apr 3 14h53.4m P23_04002 Mars TYC 1882-00995-1 Diam = 6759.2 m = 9.3 m = 1.0</p>  <p>Dur = 301.1s Dmag = 0.0 Sun: 80° Moon: 69°</p>	<p>2023 apr 5 19h 5.1m A23_04103 737 Arequipa UCAC4 459-048706 Diam = 46.3 m = 12.2 m = 13.3</p>  <p>Dur = 3.5s Dmag = 1.4 Sun: 156° Moon: 19°</p>

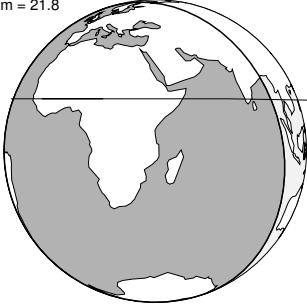
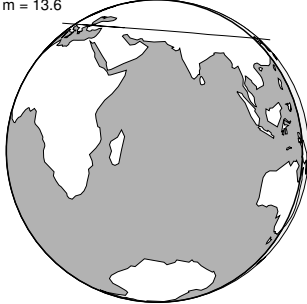
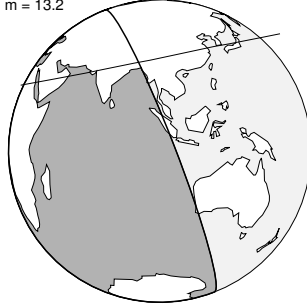
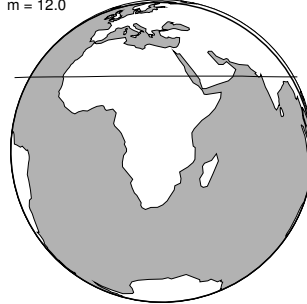
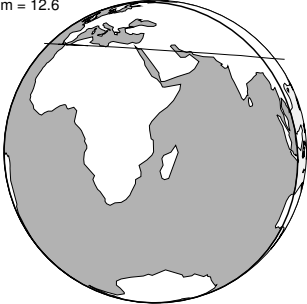
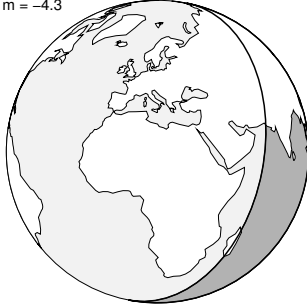
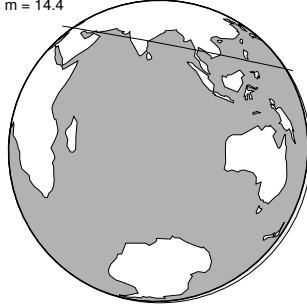
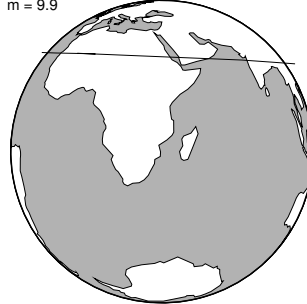
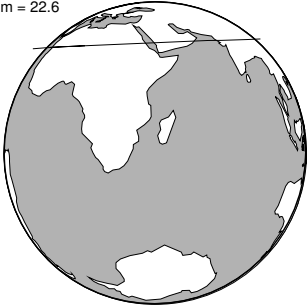
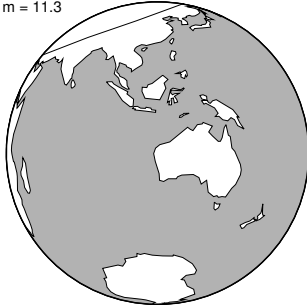
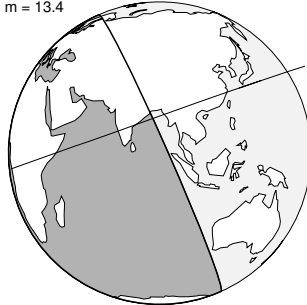
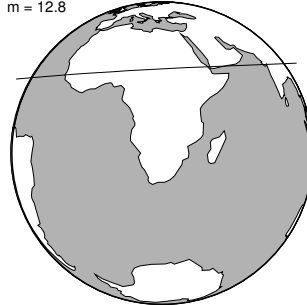
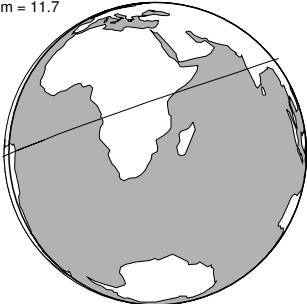
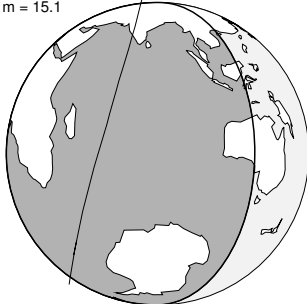
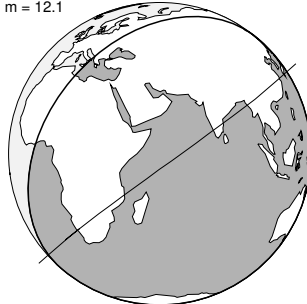
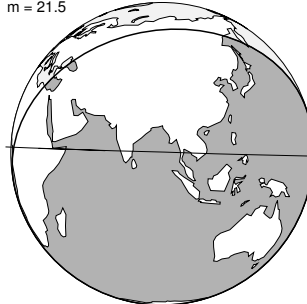
Occultations by major and minor planets – 2023

Region 6

<p>2023 apr 5 22h14.7m A23_04043 162 Laetitia TYC 5557-00330-1 Diam = 105.0 m = 11.0 m = 12.6</p>  <p>Dur = 10.9s Dmag = 1.8 Sun: 162° Moon: 21°</p>	<p>2023 apr 5 22h45.4m A23_04074 393 Lampetia UCAC4 389-092001 Diam = 106.0 m = 11.8 m = 12.4</p>  <p>Dur = 5.3s Dmag = 1.1 Sun: 98° Moon: 84°</p>	<p>2023 apr 6 13h42.3m A23_04113 912 Maritima TYC 2929-00828-1 Diam = 86.6 m = 7.1 m = 13.6</p>  <p>Dur = 3.4s Dmag = 6.5 Sun: 76° Moon: 107°</p>	<p>2023 apr 10 16h22.2m A23_04023 59 Elpis PPMX 7167487 Diam = 173.0 m = 12.4 m = 13.1</p>  <p>Dur = 26.6s Dmag = 1.2 Sun: 110° Moon: 124°</p>
<p>2023 apr 11 18h30.9m A23_04083 432 Pythia TYC 1450-00278-1 Diam = 48.6 m = 10.5 m = 11.7</p>  <p>Dur = 5.4s Dmag = 1.5 Sun: 154° Moon: 85°</p>	<p>2023 apr 11 20h 6.6m A23_04095 554 Peraga UCAC4 335-077663 Diam = 98.5 m = 11.6 m = 13.2</p>  <p>Dur = 12.1s Dmag = 1.8 Sun: 145° Moon: 35°</p>	<p>2023 apr 14 23h25.7m A23_04001 1 Ceres TYC 1442-01219-1 Diam = 952.5 m = 11.3 m = 7.3</p>  <p>Dur = 116.7s Dmag = 0.0 Sun: 147° Moon: 140°</p>	<p>2023 apr 16 21h24.1m A23_04010 11 Parthenope UCAC4 365-089384 Diam = 162.0 m = 10.4 m = 10.6</p>  <p>Dur = 62.7s Dmag = 0.8 Sun: 124° Moon: 82°</p>
<p>2023 apr 19 21h45.0m A23_04077 393 Lampetia UCAC4 402-085308 Diam = 106.0 m = 12.4 m = 12.1</p>  <p>Dur = 6.5s Dmag = 0.6 Sun: 107° Moon: 104°</p>	<p>2023 may 5 14h 3.6m A23_05073 464 Megaira TYC 1931-00339-1 Diam = 76.5 m = 10.5 m = 15.5</p>  <p>Dur = 3.3s Dmag = 5.1 Sun: 73° Moon: 104°</p>	<p>2023 may 13 19h53.4m A23_05083 844 Leontina TYC 7369-00740-1 Diam = 66.1 m = 10.8 m = 14.3</p>  <p>Dur = 6.7s Dmag = 3.5 Sun: 150° Moon: 78°</p>	<p>2023 may 14 16h24.3m A23_05059 336 Lacadiera TYC 6152-00631-1 Diam = 72.0 m = 9.0 m = 12.0</p>  <p>Dur = 8.9s Dmag = 3.1 Sun: 167° Moon: 130°</p>
<p>2023 may 17 21h19.8m A23_05043 206 Hersilia TYC 6239-01077-1 Diam = 76.6 m = 10.7 m = 13.0</p>  <p>Dur = 8.4s Dmag = 2.4 Sun: 152° Moon: 131°</p>	<p>2023 may 19 20h48.5m A23_05113 2394 Nadeev TYC 6308-00952-1 Diam = 56.0 m = 10.4 m = 17.6</p>  <p>Dur = 10.7s Dmag = 7.2 Sun: 131° Moon: 134°</p>	<p>2023 may 25 17h50.1m A23_05084 856 Backlunda UCAC4 402-110929 Diam = 52.0 m = 11.4 m = 14.4</p>  <p>Dur = 22.0s Dmag = 3.1 Sun: 131° Moon: 152°</p>	<p>2023 may 27 23h35.1m B23_05001 5145 Pholus UCAC4 386-102727 Diam = 166.0 m = 12.5 m = 21.8</p>  <p>Dur = 7.7s Dmag = 9.3 Sun: 146° Moon: 117°</p>

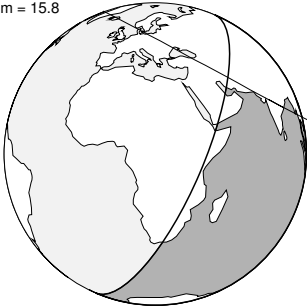
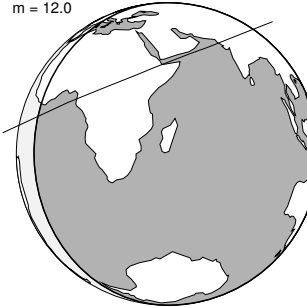
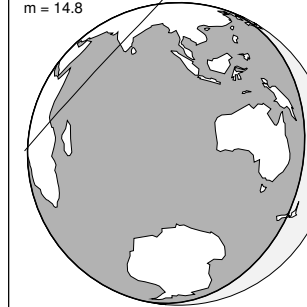
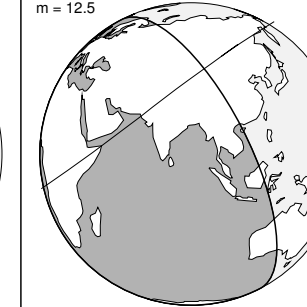
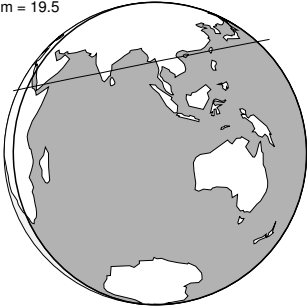
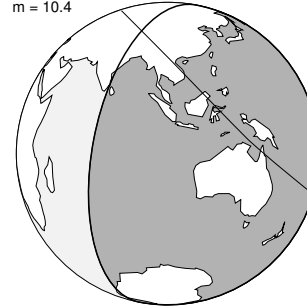
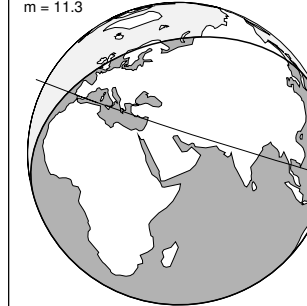
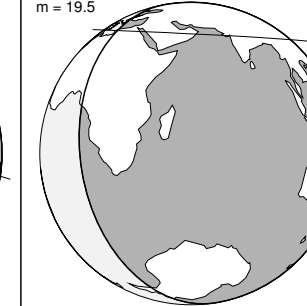
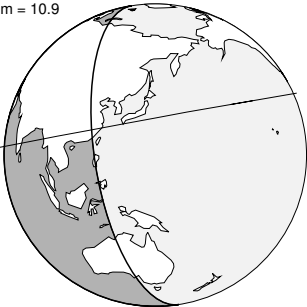
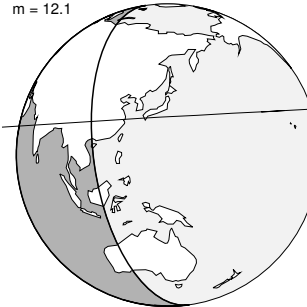
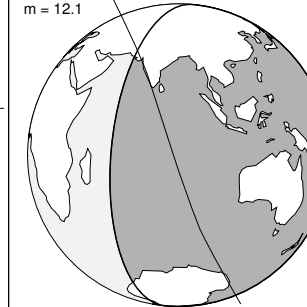
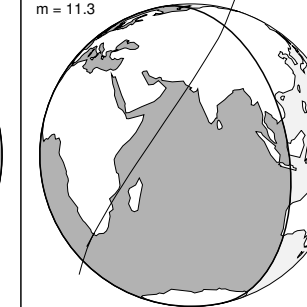
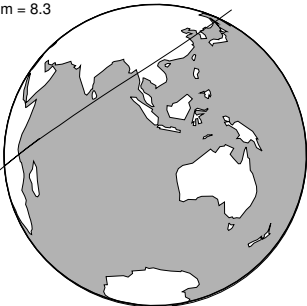
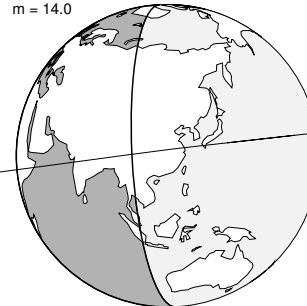
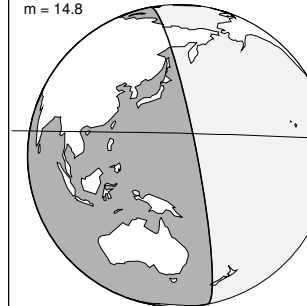
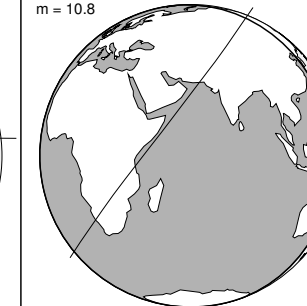
Occultations by major and minor planets – 2023

Region 6

<p>2023 may 27 23h35.3m A23_05120 5145 Pholus UCAC5 386-096555 Diam = 166.0 m = 12.4 m = 21.8</p>  <p>Dur = 7.7s Dmag = 9.5 Sun: 146° Moon: 117°</p>	<p>2023 may 29 20h54.9m A23_05028 76 Freia TYC 6247-00203-1 Diam = 190.0 m = 11.8 m = 13.6</p>  <p>Dur = 13.1s Dmag = 2.0 Sun: 163° Moon: 81°</p>	<p>2023 may 30 23h12.6m A23_05050 213 Lilaea UCAC4 395-129809 Diam = 84.6 m = 11.0 m = 13.2</p>  <p>Dur = 5.4s Dmag = 2.4 Sun: 95° Moon: 137°</p>	<p>2023 jun 5 22h34.2m A23_06047 202 Chryseis UCAC4 390-074561 Diam = 85.5 m = 10.9 m = 12.0</p>  <p>Dur = 6.5s Dmag = 1.5 Sun: 167° Moon: 24°</p>
<p>2023 jun 7 22h39.1m A23_06015 34 Circe UCAC4 376-116026 Diam = 118.0 m = 11.5 m = 12.6</p>  <p>Dur = 11.3s Dmag = 1.4 Sun: 158° Moon: 34°</p>	<p>2023 jun 8 14h14.9m P23_06001 Venus HIP 40950 Diam = 12104.0 m = -4.3</p>  <p>Dur = 640.1s Dmag = 0.0 Sun: 45° Moon: 165°</p>	<p>2023 jun 13 19h11.3m A23_06088 657 Guniöd TYC 7392-00551-1 Diam = 43.6 m = 11.2 m = 14.4</p>  <p>Dur = 4.0s Dmag = 3.2 Sun: 166° Moon: 116°</p>	<p>2023 jun 13 21h49.1m A23_06009 20 Massalia UCAC4 338-106546 Diam = 151.0 m = 11.4 m = 9.9</p>  <p>Dur = 12.0s Dmag = 0.3 Sun: 176° Moon: 126°</p>
<p>2023 jun 16 21h37.6m B23_06003 119067 2001KP76 UCAC4 306-182468 Diam = 199.5 m = 14.8 m = 22.6</p>  <p>Dur = 8.2s Dmag = 7.8 Sun: 171° Moon: 159°</p>	<p>2023 jun 18 16h15.5m A23_06037 146 Lucina UCAC4 329-107146 Diam = 137.0 m = 10.7 m = 11.3</p>  <p>Dur = 11.8s Dmag = 1.1 Sun: 178° Moon: 172°</p>	<p>2023 jun 24 23h35.6m A23_06055 238 Hypatia TYC 0592-01563-1 Diam = 156.0 m = 10.9 m = 13.4</p>  <p>Dur = 9.9s Dmag = 2.7 Sun: 92° Moon: 165°</p>	<p>2023 jun 28 21h55.4m A23_06043 171 Ophelia UCAC4 336-120477 Diam = 121.0 m = 12.1 m = 12.8</p>  <p>Dur = 9.3s Dmag = 1.2 Sun: 172° Moon: 53°</p>
<p>2023 jun 29 20h42.6m A23_06038 146 Lucina UCAC4 325-113008 Diam = 137.0 m = 12.2 m = 11.7</p>  <p>Dur = 12.8s Dmag = 0.5 Sun: 165° Moon: 34°</p>	<p>2023 jun 30 22h12.1m A23_06085 617 Patroclus TYC 7996-00613-1 Diam = 149.0 m = 11.9 m = 15.1</p>  <p>Dur = 14.3s Dmag = 3.3 Sun: 130° Moon: 79°</p>	<p>2023 jul 3 18h17.0m A23_07052 218 Bianca UCAC4 462-058567 Diam = 62.0 m = 12.0 m = 12.1</p>  <p>Dur = 9.2s Dmag = 0.8 Sun: 139° Moon: 46°</p>	<p>2023 jul 4 17h24.3m B23_07009 470309 2007JK43 UCAC4 510-076762 Diam = 145.2 m = 14.6 m = 21.5</p>  <p>Dur = 6.2s Dmag = 6.9 Sun: 144° Moon: 46°</p>

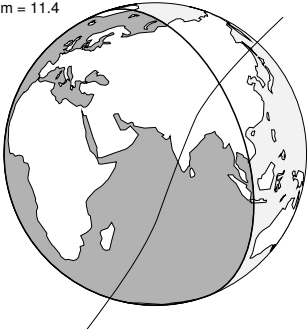
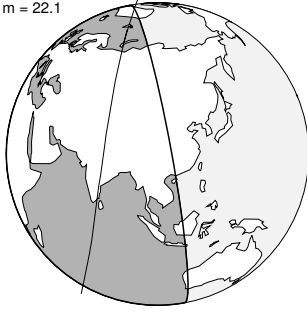
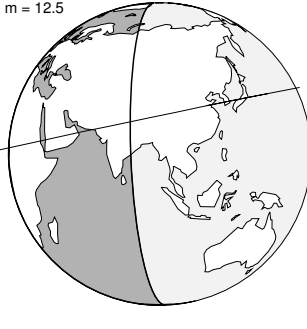

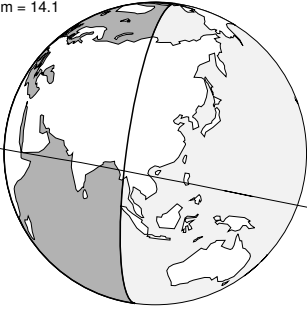
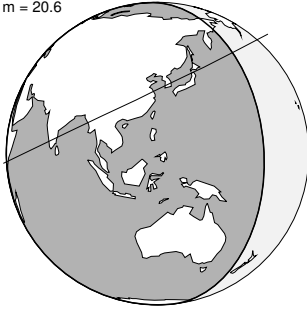

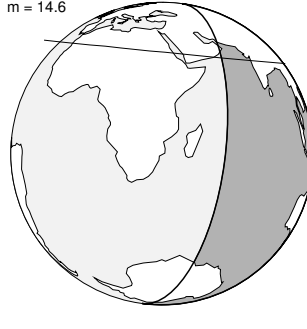
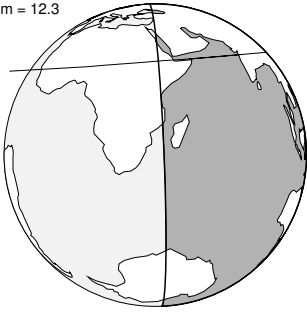
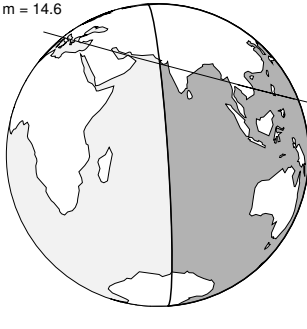
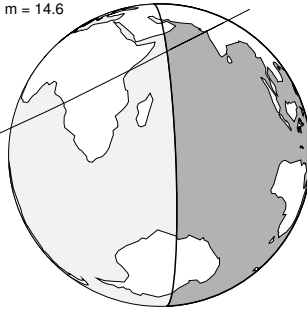
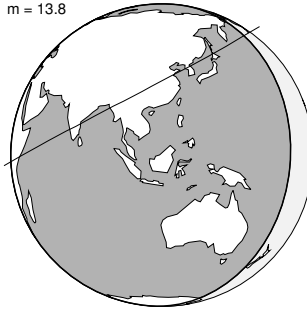
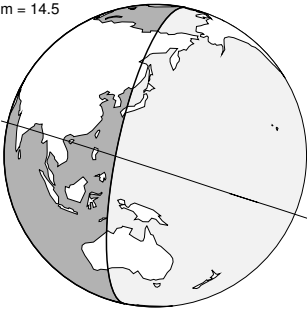
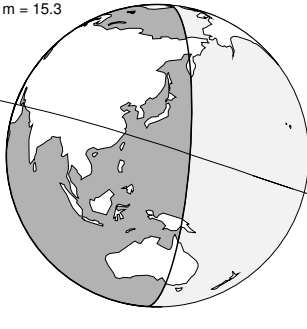
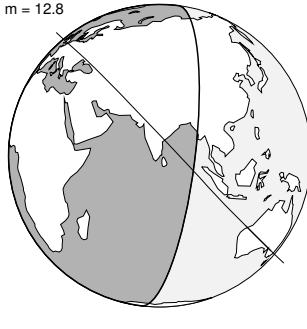
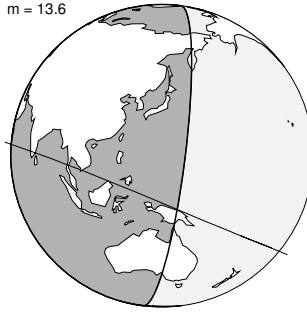
Occultations by major and minor planets – 2023

Region 6

<p>2023 jul 8 15h24.8m A23_07062 331 Etheridge TYC 0273–00421–1 Diam = 78.5 m = 9.3 m = 15.8</p>  <p>Dur = 3.2s Dmag = 6.5 Sun: 71° Moon: 178°</p>	<p>2023 jul 11 18h58.2m A23_07038 146 Lucina UCAC4 321–110160 Diam = 137.0 m = 12.0 m = 12.0</p>  <p>Dur = 16.2s Dmag = 0.8 Sun: 151° Moon: 139°</p>	<p>2023 jul 11 19h59.2m A23_07123 1567 Alikoski TYC 7981–00531–1 Diam = 71.0 m = 11.0 m = 14.8</p>  <p>Dur = 5.9s Dmag = 3.9 Sun: 144° Moon: 85°</p>	<p>2023 jul 22 22h17.9m A23_07053 233 Asterope TYC 0598–00982–1 Diam = 108.0 m = 11.3 m = 12.5</p>  <p>Dur = 14.8s Dmag = 1.5 Sun: 112° Moon: 164°</p>
<p>2023 jul 25 16h11.7m B23_07002 95626 2002GZ32 UCAC4 342–169132 Diam = 173.8 m = 14.6 m = 19.5</p>  <p>Dur = 8.6s Dmag = 5.0 Sun: 159° Moon: 73°</p>	<p>2023 aug 1 13h 1.4m A23_08004 11 Parthenope UCAC4 360–080050 Diam = 162.0 m = 12.5 m = 10.4</p>  <p>Dur = 36.0s Dmag = 0.2 Sun: 119° Moon: 57°</p>	<p>2023 aug 5 19h54.1m A23_08094 914 Palisana UCAC5 567–095106 Diam = 79.0 m = 12.4 m = 11.3</p>  <p>Dur = 10.0s Dmag = 0.4 Sun: 137° Moon: 68°</p>	<p>2023 aug 7 17h21.8m B23_08001 28978 Ixion UCAC4 294–162279 Diam = 794.3 m = 13.5 m = 19.5</p>  <p>Dur = 46.6s Dmag = 6.0 Sun: 136° Moon: 123°</p>
<p>2023 aug 9 21h43.6m A23_08003 9 Metis UCAC4 550–010477 Diam = 231.2 m = 11.8 m = 10.9</p>  <p>Dur = 7.4s Dmag = 0.4 Sun: 66° Moon: 8°</p>	<p>2023 aug 9 22h26.5m A23_08001 5 Astraea UCAC4 541–011623 Diam = 125.0 m = 11.2 m = 12.1</p>  <p>Dur = 3.8s Dmag = 1.3 Sun: 60° Moon: 14°</p>	<p>2023 aug 19 13h50.8m A23_08019 52 Europa HIP 85591 Diam = 278.0 m = 9.3 m = 12.1</p>  <p>Dur = 70.7s Dmag = 2.9 Sun: 116° Moon: 82°</p>	<p>2023 aug 22 22h43.9m A23_08005 14 Irene UCAC5 430–001635 Diam = 152.4 m = 12.5 m = 11.3</p>  <p>Dur = 27.0s Dmag = 0.3 Sun: 129° Moon: 153°</p>
<p>2023 aug 27 17h12.8m A23_08002 8 Flora HIP 111333 Diam = 141.0 m = 7.9 m = 8.3</p>  <p>Dur = 17.7s Dmag = 1.0 Sun: 171° Moon: 47°</p>	<p>2023 aug 29 23h 6.2m A23_08063 407 Arachne TYC 1858–00206–1 Diam = 97.0 m = 9.3 m = 14.0</p>  <p>Dur = 4.0s Dmag = 4.7 Sun: 76° Moon: 120°</p>	<p>2023 aug 30 19h26.0m A23_08071 442 Eichsfeldia HIP 18467 Diam = 67.5 m = 9.6 m = 14.8</p>  <p>Dur = 5.2s Dmag = 5.2 Sun: 96° Moon: 86°</p>	<p>2023 sep 2 21h16.1m A23_09037 97 Klotho TYC 4666–00796–1 Diam = 87.1 m = 9.8 m = 10.8</p>  <p>Dur = 9.7s Dmag = 1.4 Sun: 159° Moon: 20°</p>

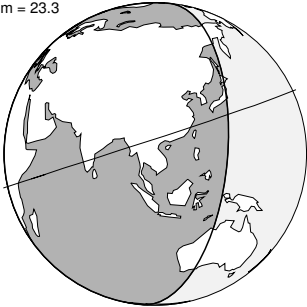
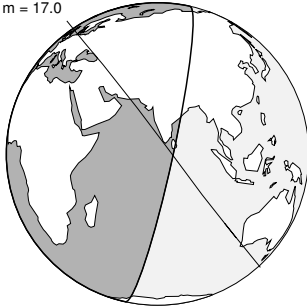
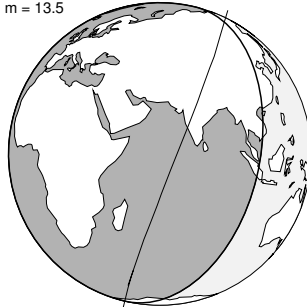
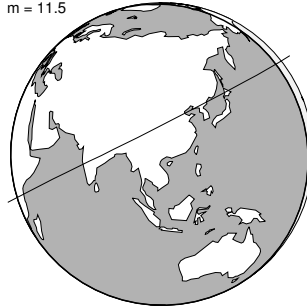
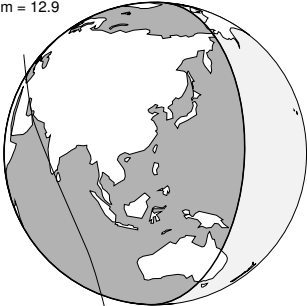
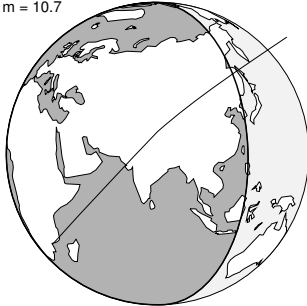
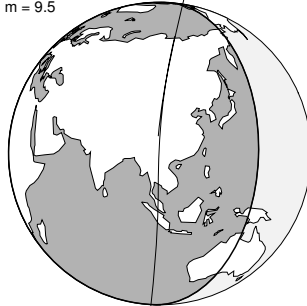
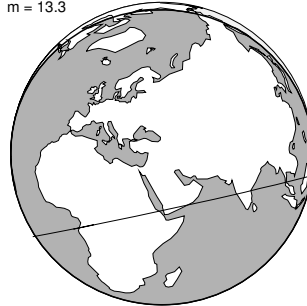
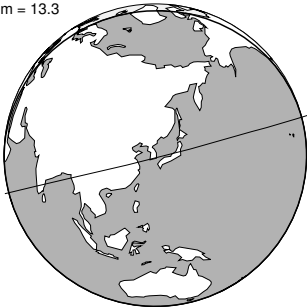
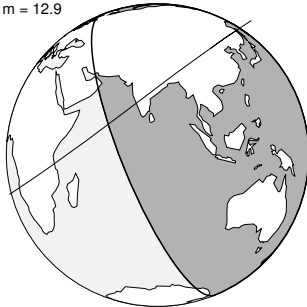
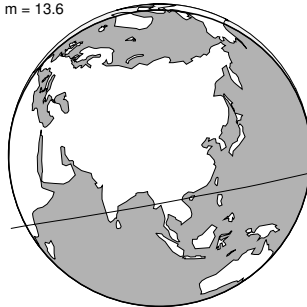

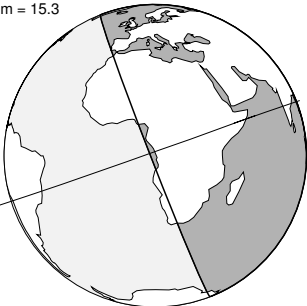
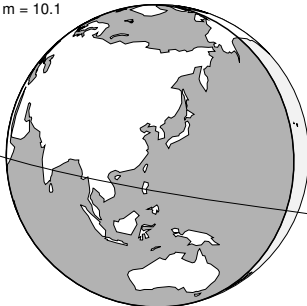
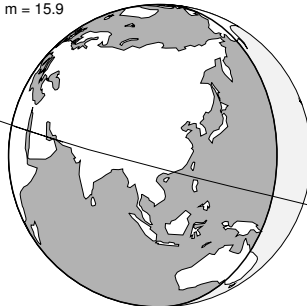
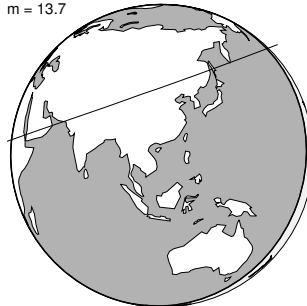
Occultations by major and minor planets – 2023

Region 6

<p>2023 sep 4 22h52.5m A23_09041 135 Hertha TYC 1214-01466-1 Diam = 82.0 m = 11.0 m = 11.4</p>  <p>Dur = 41.9s Sun: 125° Dmag = 1.0 Moon: 12°</p>	<p>2023 sep 6 22h27.0m B23_09009 523741 2014TY85 UCAC4 599-012384 Diam = 190.5 m = 14.6 m = 22.1</p>  <p>Dur = 30.5s Sun: 95° Dmag = 7.4 Moon: 7°</p>	<p>2023 sep 9 0h18.2m A23_09123 776 Berbericia TYC 1303-00552-1 Diam = 121.3 m = 11.5 m = 12.5</p>  <p>Dur = 5.5s Sun: 78° Dmag = 1.4 Moon: 16°</p>	<p>2023 sep 20 18h43.4m B23_09008 523700 2014GM54 UCAC4 537-114732 Diam = 158.5 m = 13.8 m = 21.8</p>  <p>Dur = 7.0s Sun: 119° Dmag = 8.0 Moon: 71°</p>
<p>2023 sep 27 23h29.4m A23_09098 476 Hedwig PPMX 5069871 Diam = 121.0 m = 12.3 m = 14.1</p>  <p>Dur = 5.8s Sun: 78° Dmag = 1.9 Moon: 121°</p>	<p>2023 sep 30 18h39.2m A23_09154 144897 2004UX10 TYC 0650-00980-1 Diam = 532.1 m = 11.6 m = 20.6</p>  <p>Dur = 31.0s Sun: 134° Dmag = 8.9 Moon: 28°</p>	<p>2023 oct 1 13h40.8m A23_10096 914 Palisana TYC 1621-01856-1 Diam = 79.0 m = 10.5 m = 12.2</p>  <p>Dur = 7.7s Sun: 113° Dmag = 1.8 Moon: 89°</p>	<p>2023 oct 2 13h50.7m A23_10028 91 Aegina TYC 6813-00484-1 Diam = 114.0 m = 12.1 m = 14.6</p>  <p>Dur = 4.0s Sun: 65° Dmag = 2.6 Moon: 157°</p>
<p>2023 oct 2 15h14.4m A23_10047 196 Phiolomela TYC 6856-01792-1 Diam = 146.0 m = 10.8 m = 12.3</p>  <p>Dur = 8.0s Sun: 86° Dmag = 1.7 Moon: 136°</p>	<p>2023 oct 5 13h 3.9m A23_10089 676 Melitta TYC 6266-01304-1 Diam = 82.6 m = 10.6 m = 14.6</p>  <p>Dur = 4.0s Sun: 86° Dmag = 4.1 Moon: 166°</p>	<p>2023 oct 7 14h 2.0m A23_10032 98 Ianthe UCAC5 267-159244 Diam = 109.0 m = 12.5 m = 14.6</p>  <p>Dur = 5.3s Sun: 83° Dmag = 2.3 Moon: 161°</p>	<p>2023 oct 7 18h19.7m A23_10080 559 Nanon TYC 0051-01058-1 Diam = 80.0 m = 11.7 m = 13.8</p>  <p>Dur = 8.2s Sun: 148° Dmag = 2.3 Moon: 76°</p>
<p>2023 oct 9 21h15.2m A23_10075 419 Aurelia TYC 1381-01241-1 Diam = 133.0 m = 9.9 m = 14.5</p>  <p>Dur = 6.2s Sun: 75° Dmag = 4.6 Moon: 23°</p>	<p>2023 oct 14 20h 2.3m A23_10105 1143 Odysseus TYC 1341-01612-1 Diam = 135.0 m = 12.1 m = 15.3</p>  <p>Dur = 18.5s Sun: 102° Dmag = 3.2 Moon: 103°</p>	<p>2023 oct 16 23h40.4m A23_10053 258 Tyche UCAC4 501-029198 Diam = 67.7 m = 11.4 m = 12.8</p>  <p>Dur = 5.6s Sun: 103° Dmag = 1.7 Moon: 128°</p>	<p>2023 oct 17 20h 7.5m A23_10023 72 Feronia TYC 1348-00496-1 Diam = 89.3 m = 11.5 m = 13.6</p>  <p>Dur = 7.9s Sun: 98° Dmag = 2.2 Moon: 134°</p>

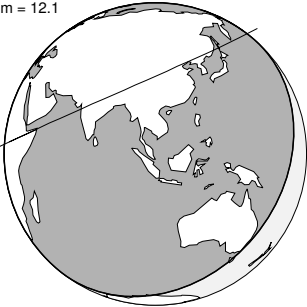
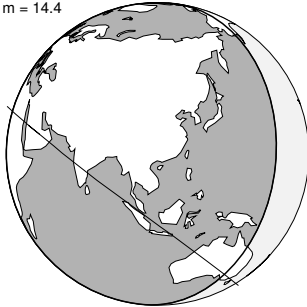
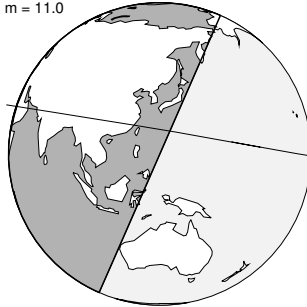
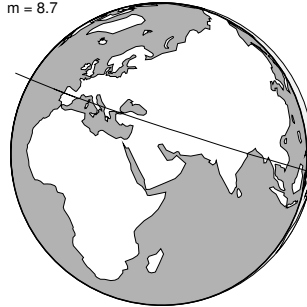
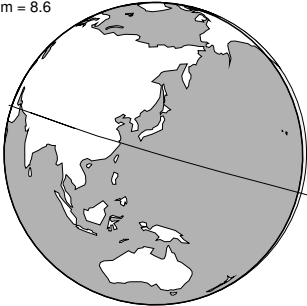
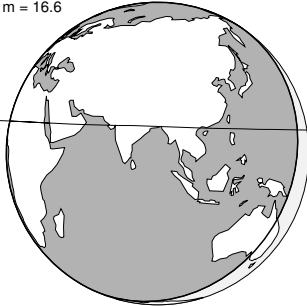
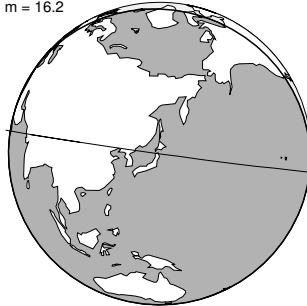
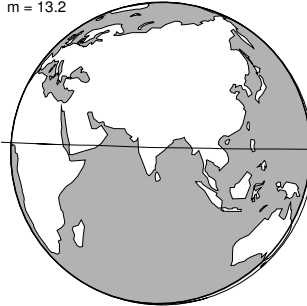
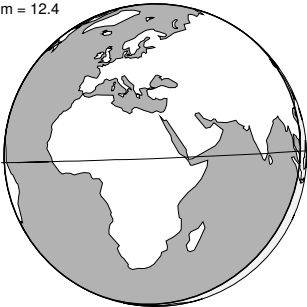
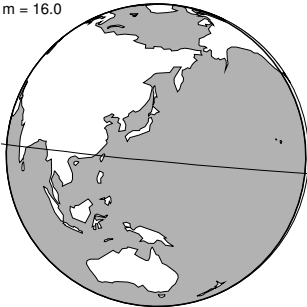
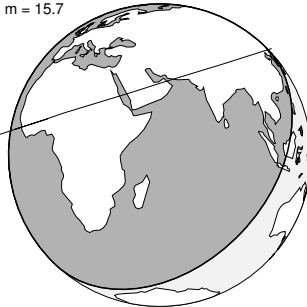
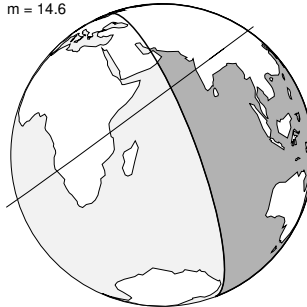
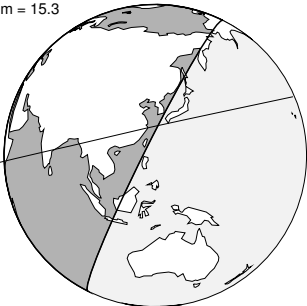
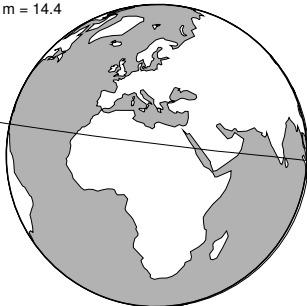
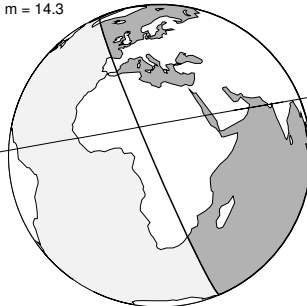
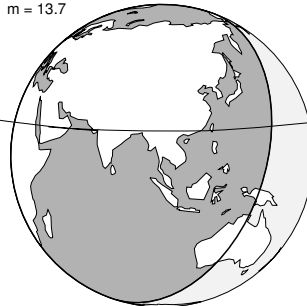
Occultations by major and minor planets – 2023

Region 6

<p>2023 oct 25 20h60.0m B23_10010 2003UV292 UCAC4 534-023768 Diam = 144.5 m = 13.0 m = 23.3</p>  <p>Dur = 13.4s Dmag = 10.2 Sun: 118° Moon: 101°</p>	<p>2023 oct 27 0h25.7m A23_10099 921 Jovita HIP 37584 Diam = 60.5 m = 7.9 m = 17.0</p>  <p>Dur = 4.7s Dmag = 9.2 Sun: 95° Moon: 107°</p>	<p>2023 oct 29 22h46.7m A23_10059 276 Adelheid HIP 25725 Diam = 127.0 m = 8.2 m = 13.5</p>  <p>Dur = 11.2s Dmag = 5.3 Sun: 131° Moon: 37°</p>	<p>2023 nov 1 17h39.0m A23_11082 409 Aspasia UCAC4 565-007207 Diam = 168.0 m = 11.6 m = 11.5</p>  <p>Dur = 13.5s Dmag = 0.7 Sun: 163° Moon: 32°</p>
<p>2023 nov 1 19h25.2m A23_11091 488 Kreusa PPMX 6021908 Diam = 158.0 m = 12.3 m = 12.9</p>  <p>Dur = 51.3s Dmag = 1.1 Sun: 126° Moon: 7°</p>	<p>2023 nov 1 21h55.7m A23_11015 37 Fides UCAC4 588-027297 Diam = 112.0 m = 11.7 m = 10.7</p>  <p>Dur = 43.0s Dmag = 0.4 Sun: 126° Moon: 2°</p>	<p>2023 nov 10 20h25.0m A23_11004 9 Metis UCAC4 572-030201 Diam = 231.2 m = 12.4 m = 9.5</p>  <p>Dur = 95.8s Dmag = 0.1 Sun: 130° Moon: 101°</p>	<p>2023 nov 14 21h 0.2m A23_11042 174 Phaedra TYC 2353-01481-1 Diam = 71.7 m = 10.5 m = 13.3</p>  <p>Dur = 4.9s Dmag = 2.8 Sun: 161° Moon: 162°</p>
<p>2023 nov 17 15h 1.6m A23_11041 174 Phaedra UCAC4 632-011774 Diam = 71.7 m = 12.1 m = 13.3</p>  <p>Dur = 4.9s Dmag = 1.5 Sun: 162° Moon: 129°</p>	<p>2023 nov 20 13h22.2m A23_11023 81 Terpsichore UCAC4 417-148240 Diam = 124.0 m = 11.2 m = 12.9</p>  <p>Dur = 11.2s Dmag = 1.9 Sun: 103° Moon: 13°</p>	<p>2023 nov 22 17h19.4m A23_11087 469 Argentina UCAC4 633-014392 Diam = 129.0 m = 12.2 m = 13.6</p>  <p>Dur = 8.7s Dmag = 1.7 Sun: 163° Moon: 66°</p>	<p>2023 nov 24 16h47.5m B23_11006 535025 2014WT509 UCAC4 504-009995 Diam = 151.4 m = 13.0 m = 22.8</p>  <p>Dur = 6.3s Dmag = 9.9 Sun: 161° Moon: 50°</p>
<p>2023 nov 25 17h15.3m A23_11037 142 Polana TYC 5804-01179-1 Diam = 57.0 m = 11.2 m = 15.3</p>  <p>Dur = 3.5s Dmag = 4.1 Sun: 91° Moon: 67°</p>	<p>2023 nov 27 17h14.1m A23_11017 37 Fides TYC 1876-01741-1 Diam = 112.0 m = 11.9 m = 10.1</p>  <p>Dur = 18.2s Dmag = 0.2 Sun: 153° Moon: 21°</p>	<p>2023 dec 2 19h32.9m A23_12167 1749 Telamon UCAC4 593-040710 Diam = 115.0 m = 12.4 m = 15.9</p>  <p>Dur = 12.4s Dmag = 3.6 Sun: 140° Moon: 25°</p>	<p>2023 dec 4 17h40.1m A23_12135 790 Pretoria TYC 1316-00296-1 Diam = 176.0 m = 12.5 m = 13.7</p>  <p>Dur = 10.5s Dmag = 1.5 Sun: 161° Moon: 68°</p>

Occultations by major and minor planets – 2023

Region 6

<p>2023 dec 5 18h36.6m A23_12074 258 Tyche UCAC5 467-017337 Diam = 67.7 m = 12.4</p>  <p>Dur = 6.4s Dmag = 0.6 Sun: 148° Moon: 73°</p>	<p>2023 dec 5 19h23.9m A23_12144 986 Amelia TYC 1915-01781-1 Diam = 53.0 m = 10.3 m = 14.4</p>  <p>Dur = 5.2s Dmag = 4.1 Sun: 141° Moon: 58°</p>	<p>2023 dec 8 21h36.6m A23_12021 23 Thalia UCAC5 528-050911 Diam = 111.0 m = 11.0</p>  <p>Dur = 5.5s Dmag = 0.3 Sun: 90° Moon: 42°</p>	<p>2023 dec 9 21h45.4m A23_12013 9 Metis TYC 1885-00390-1 Diam = 231.2 m = 11.2 m = 8.7</p>  <p>Dur = 29.0s Dmag = 0.1 Sun: 163° Moon: 126°</p>
<p>2023 dec 12 15h41.2m A23_12012 9 Metis TYC 1885-00092-1 Diam = 231.2 m = 10.9 m = 8.6</p>  <p>Dur = 27.8s Dmag = 0.1 Sun: 166° Moon: 163°</p>	<p>2023 dec 14 19h30.8m A23_12189 4902 Thessandrus TYC 0757-02177-1 Diam = 50.1 m = 9.9 m = 16.6</p>  <p>Dur = 3.5s Dmag = 6.7 Sun: 154° Moon: 165°</p>	<p>2023 dec 16 14h54.8m A23_12179 3564 Talthybius TYC 2929-00576-1 Diam = 66.1 m = 10.7 m = 16.2</p>  <p>Dur = 3.8s Dmag = 5.5 Sun: 161° Moon: 137°</p>	<p>2023 dec 16 19h13.4m A23_12049 125 Liberatrix UCAC4 533-025633 Diam = 47.5 m = 12.1 m = 13.2</p>  <p>Dur = 3.6s Dmag = 1.4 Sun: 166° Moon: 139°</p>
<p>2023 dec 17 23h 6.6m A23_12040 72 Feronia TYC 0759-00061-1 Diam = 89.3 m = 10.7 m = 12.4</p>  <p>Dur = 7.8s Dmag = 1.9 Sun: 160° Moon: 130°</p>	<p>2023 dec 18 15h 8.8m A23_12181 4057 Demophon UCAC4 584-030886 Diam = 50.1 m = 12.2 m = 16.0</p>  <p>Dur = 3.3s Dmag = 3.9 Sun: 168° Moon: 117°</p>	<p>2023 dec 18 22h26.7m A23_12180 3793 Leonteus UCAC4 427-040209 Diam = 72.4 m = 11.1 m = 15.7</p>  <p>Dur = 5.8s Dmag = 4.7 Sun: 138° Moon: 129°</p>	<p>2023 dec 19 13h29.8m A23_12121 691 Lehigh TYC 6399-00412-1 Diam = 92.6 m = 10.1 m = 14.6</p>  <p>Dur = 3.6s Dmag = 4.6 Sun: 76° Moon: 15°</p>
<p>2023 dec 19 22h30.2m A23_12138 814 Taurus TYC 1448-00157-1 Diam = 116.0 m = 12.0 m = 15.3</p>  <p>Dur = 6.4s Dmag = 3.3 Sun: 85° Moon: 160°</p>	<p>2023 dec 22 23h11.1m A23_12128 738 Alagasta TYC 1338-01759-1 Diam = 64.8 m = 10.6 m = 14.4</p>  <p>Dur = 5.1s Dmag = 3.8 Sun: 170° Moon: 58°</p>	<p>2023 dec 23 16h47.8m A23_12095 429 Lotis UCAC4 468-000289 Diam = 70.3 m = 11.9 m = 14.3</p>  <p>Dur = 4.0s Dmag = 2.5 Sun: 92° Moon: 47°</p>	<p>2023 dec 27 20h36.1m A23_12115 569 Misa TYC 0827-01419-1 Diam = 75.6 m = 9.8 m = 13.7</p>  <p>Dur = 50.2s Dmag = 3.9 Sun: 133° Moon: 37°</p>

Occultations by major and minor planets – 2023

Region 6

