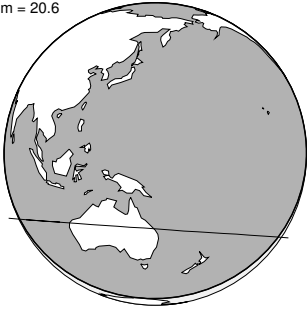
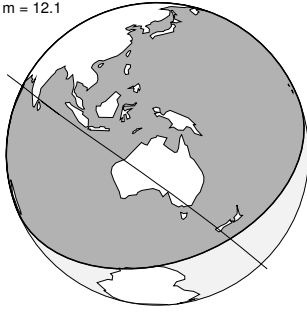
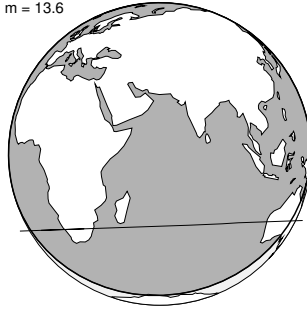
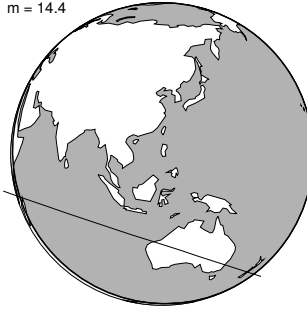
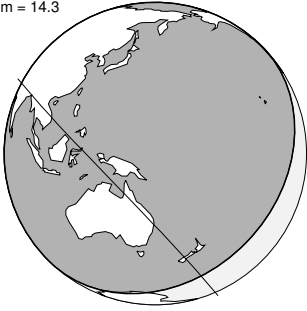
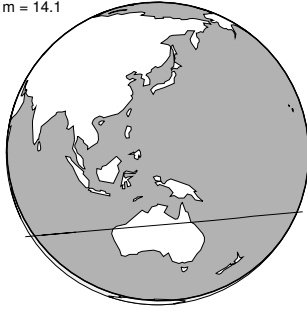
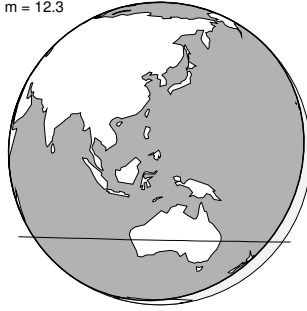
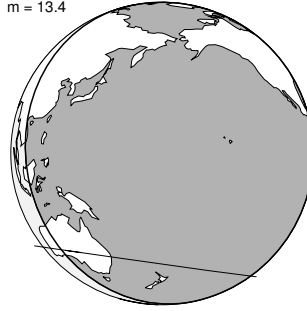
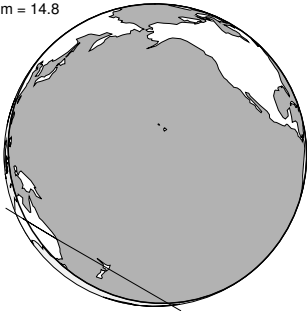
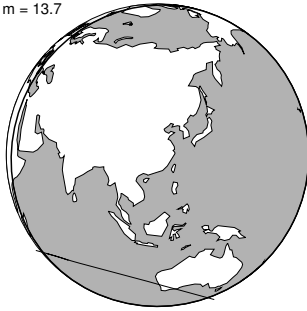
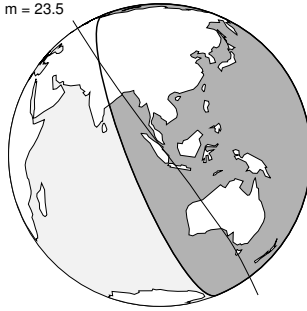
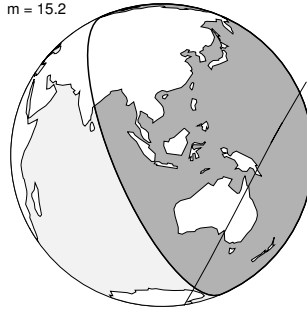
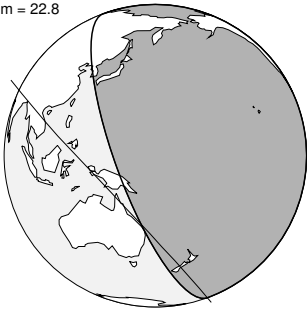
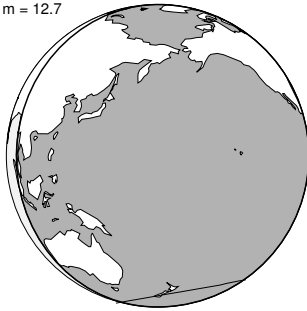
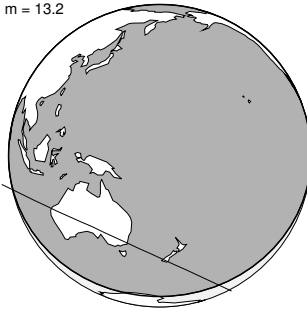
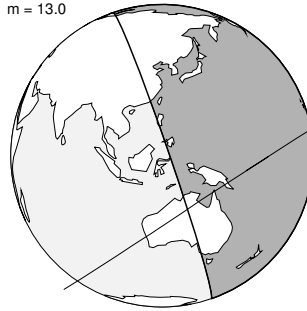


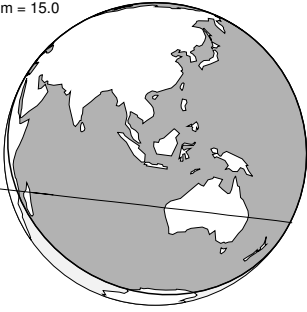
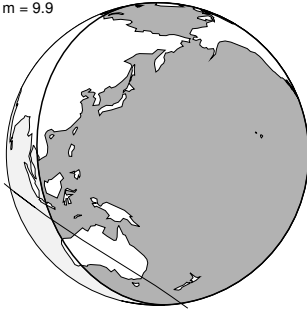
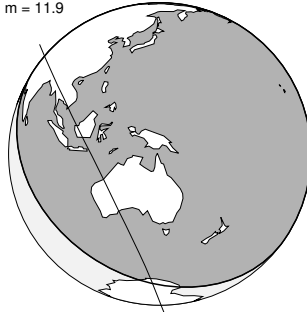
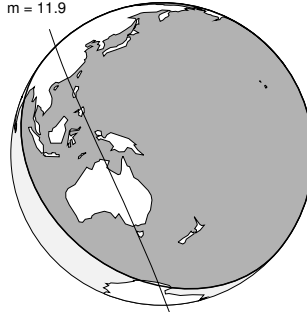
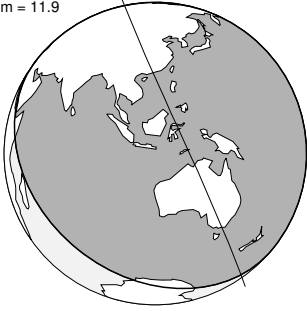
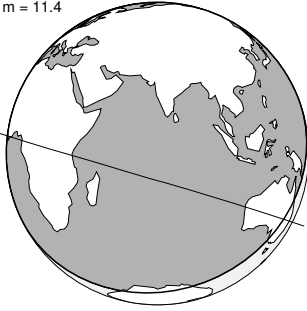
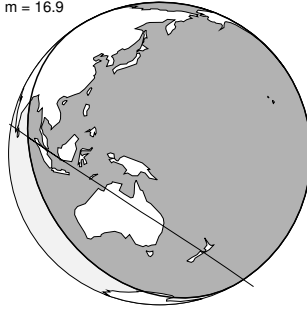
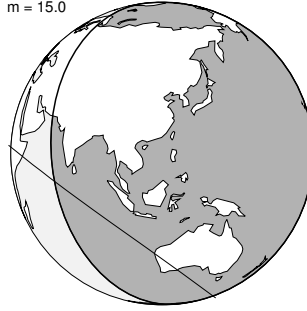
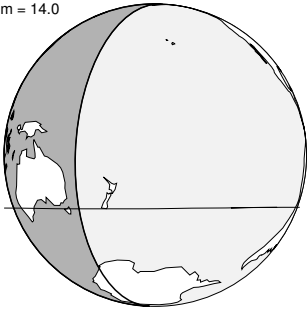
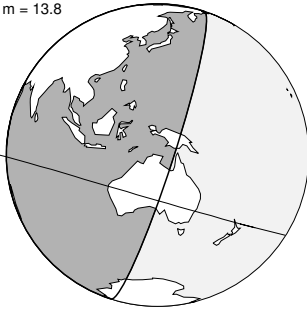
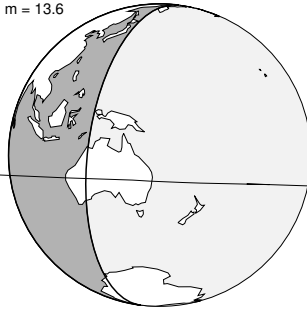
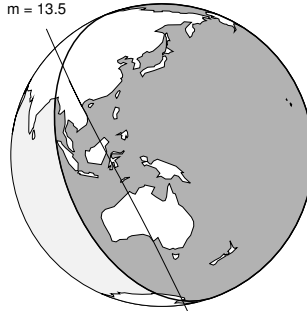
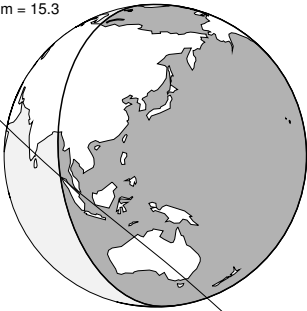
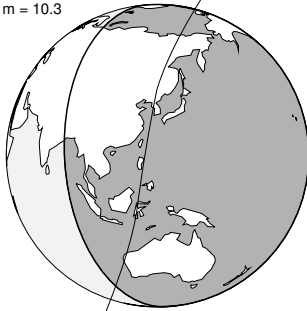
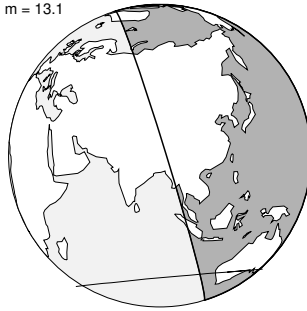
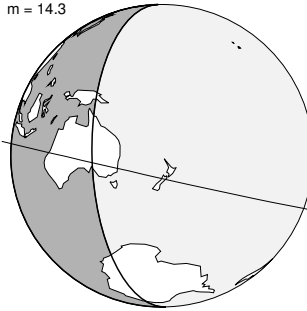
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jan 1 14h 3.0m</b> B24_01002 55638 2002VE95 UCAC4 481-027424 Diam = 317.7 m = 12.7 m = 20.6</p>  <p>Dur = 13.0s Dmag = 7.8 Sun: 162° Moon: 61°</p>	<p><b>2024 jan 1 16h13.4m</b> A24_01069 582 Olympia TYC 5985-00240-1 Diam = 47.0 m = 11.3 m = 12.1</p>  <p>Dur = 5.8s Dmag = 1.2 Sun: 135° Moon: 56°</p>	<p><b>2024 jan 4 20h13.4m</b> A24_01091 694 Ekard UCAC5 461-030574 Diam = 92.7 m = 12.5 m = 13.6</p>  <p>Dur = 6.1s Dmag = 1.4 Sun: 158° Moon: 91°</p>	<p><b>2024 jan 5 15h25.9m</b> A24_01108 850 Altona PPMX 7019047 Diam = 84.5 m = 12.1 m = 14.4</p>  <p>Dur = 5.3s Dmag = 2.5 Sun: 168° Moon: 115°</p>
<p><b>2024 jan 12 15h31.0m</b> A24_01131 1585 Union TYC 4879-00506-1 Diam = 52.1 m = 9.0 m = 14.3</p>  <p>Dur = 4.5s Dmag = 5.3 Sun: 147° Moon: 156°</p>	<p><b>2024 jan 13 14h55.0m</b> A24_01133 1596 Itzigsohn TYC 0762-02977-1 Diam = 51.1 m = 10.9 m = 14.1</p>  <p>Dur = 4.2s Dmag = 3.3 Sun: 165° Moon: 143°</p>	<p><b>2024 jan 13 16h59.3m</b> A24_01036 198 Ampella TYC 0811-00029-1 Diam = 58.7 m = 11.3 m = 12.3</p>  <p>Dur = 4.6s Dmag = 1.4 Sun: 157° Moon: 164°</p>	<p><b>2024 jan 15 10h36.9m</b> A24_01016 125 Liberatrix UCAC4 536-021449 Diam = 47.5 m = 12.4 m = 13.4</p>  <p>Dur = 4.3s Dmag = 1.4 Sun: 153° Moon: 100°</p>
<p><b>2024 jan 16 9h50.0m</b> A24_01116 1191 Alfaterna TYC 0751-01268-1 Diam = 45.6 m = 11.4 m = 14.8</p>  <p>Dur = 3.2s Dmag = 3.4 Sun: 162° Moon: 100°</p>	<p><b>2024 jan 16 15h30.0m</b> A24_01039 199 Byblis TYC 1905-00034-1 Diam = 63.0 m = 10.9 m = 13.7</p>  <p>Dur = 3.9s Dmag = 2.9 Sun: 163° Moon: 95°</p>	<p><b>2024 jan 17 12h15.6m</b> B24_01014 2016SS55 UCAC4 436-003568 Diam = 195.0 m = 13.8 m = 23.5</p>  <p>Dur = 25.1s Dmag = 9.7 Sun: 101° Moon: 28°</p>	<p><b>2024 jan 18 12h22.4m</b> A24_01135 1628 Strobel UCAC4 432-004352 Diam = 59.1 m = 12.3 m = 15.2</p>  <p>Dur = 7.2s Dmag = 2.9 Sun: 108° Moon: 27°</p>
<p><b>2024 jan 19 8h39.7m</b> B24_01007 505412 2013QQ95 UCAC4 469-004179 Diam = 186.2 m = 14.3 m = 22.8</p>  <p>Dur = 21.5s Dmag = 8.5 Sun: 105° Moon: 15°</p>	<p><b>2024 jan 22 11h27.7m</b> A24_01060 476 Hedwig TYC 1893-00123-1 Diam = 121.0 m = 9.3 m = 12.7</p>  <p>Dur = 9.9s Dmag = 3.5 Sun: 158° Moon: 17°</p>	<p><b>2024 jan 23 13h11.2m</b> A24_01050 329 Svea UCAC4 441-046208 Diam = 80.5 m = 12.3 m = 13.2</p>  <p>Dur = 6.8s Dmag = 1.3 Sun: 158° Moon: 39°</p>	<p><b>2024 jan 26 9h49.7m</b> A24_01047 287 Nephthys TYC 0038-01194-1 Diam = 70.1 m = 9.7 m = 13.0</p>  <p>Dur = 3.6s Dmag = 3.4 Sun: 87° Moon: 101°</p>

# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jan 26 15h59.6m</b> A24_01139 1712 Angola UCAC4 437-038808 Diam = 66.2 m = 12.3 m = 15.0</p>  <p>Dur = 4.4s Dmag = 2.8 Sun: 154° Moon: 34°</p>	<p><b>2024 jan 27 11h 4.2m</b> A24_01003 5 Astraea UCAC4 541-021659 Diam = 125.0 m = 12.4 m = 9.9</p>  <p>Dur = 26.4s Dmag = 0.1 Sun: 142° Moon: 57°</p>	<p><b>2024 jan 29 13h19.7m</b> A24_01076 582 Olympia TYC 5400-03713-1 Diam = 47.0 m = 11.9</p>  <p>Dur = 3.3s Dmag = 0.7 Sun: 144° Moon: 63°</p>	<p><b>2024 jan 31 12h13.4m</b> A24_01074 582 Olympia TYC 5399-00782-1 Diam = 47.0 m = 12.1 m = 11.9</p>  <p>Dur = 3.2s Dmag = 0.6 Sun: 144° Moon: 81°</p>
<p><b>2024 jan 31 15h 7.5m</b> A24_01073 582 Olympia TYC 5399-03793-1 Diam = 47.0 m = 11.4 m = 11.9</p>  <p>Dur = 3.2s Dmag = 1.0 Sun: 144° Moon: 82°</p>	<p><b>2024 feb 1 19h59.1m</b> A24_02043 216 Kleopatra TYC 4900-01252-1 Diam = 112.6 m = 10.8 m = 11.4</p>  <p>Dur = 9.0s Dmag = 1.2 Sun: 154° Moon: 62°</p>	<p><b>2024 feb 2 12h 4.7m</b> A24_02138 2759 Idomeneus TYC 4801-03159-1 Diam = 73.3 m = 11.2 m = 16.9</p>  <p>Dur = 4.7s Dmag = 5.8 Sun: 145° Moon: 109°</p>	<p><b>2024 feb 3 13h27.0m</b> A24_02117 850 Altona TYC 1317-00342-1 Diam = 84.5 m = 11.1 m = 15.0</p>  <p>Dur = 8.5s Dmag = 3.9 Sun: 136° Moon: 138°</p>
<p><b>2024 feb 4 18h56.3m</b> A24_02103 683 Lanzia UCAC4 310-104547 Diam = 116.0 m = 11.5 m = 14.0</p>  <p>Dur = 3.6s Dmag = 2.7 Sun: 58° Moon: 11°</p>	<p><b>2024 feb 4 20h35.4m</b> A24_02026 106 Dione TYC 5571-00840-1 Diam = 146.9 m = 10.5 m = 13.8</p>  <p>Dur = 13.7s Dmag = 3.3 Sun: 96° Moon: 29°</p>	<p><b>2024 feb 7 21h29.1m</b> A24_02051 308 Polyxo UCAC4 353-086952 Diam = 148.0 m = 12.1 m = 13.6</p>  <p>Dur = 4.6s Dmag = 1.8 Sun: 61° Moon: 34°</p>	<p><b>2024 feb 8 11h48.6m</b> A24_02082 491 Carina TYC 0132-01468-1 Diam = 101.0 m = 11.3 m = 13.5</p>  <p>Dur = 10.0s Dmag = 2.3 Sun: 131° Moon: 144°</p>
<p><b>2024 feb 8 11h49.2m</b> A24_02135 1731 Smuts UCAC4 538-021246 Diam = 56.2 m = 12.4 m = 15.3</p>  <p>Dur = 12.2s Dmag = 3.0 Sun: 129° Moon: 149°</p>	<p><b>2024 feb 10 12h 5.0m</b> A24_02007 5 Astraea UCAC4 546-021172 Diam = 125.0 m = 12.4 m = 10.3</p>  <p>Dur = 41.5s Dmag = 0.1 Sun: 127° Moon: 120°</p>	<p><b>2024 feb 12 11h34.1m</b> A24_02032 139 Juewa PPMX 4856567 Diam = 164.0 m = 12.0 m = 13.1</p>  <p>Dur = 9.8s Dmag = 1.4 Sun: 87° Moon: 53°</p>	<p><b>2024 feb 12 20h24.2m</b> A24_02031 134 Sophrosyne TYC 7366-01525-1 Diam = 107.0 m = 10.0 m = 14.3</p>  <p>Dur = 3.5s Dmag = 4.3 Sun: 62° Moon: 102°</p>

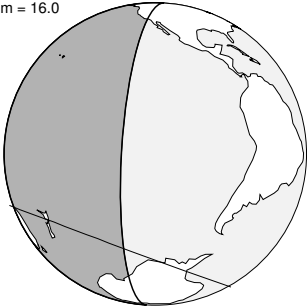
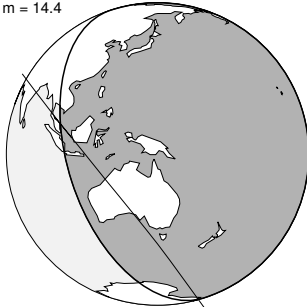
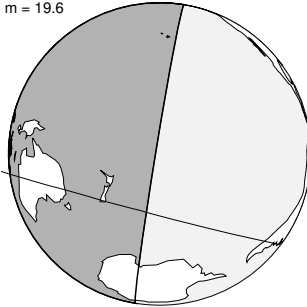
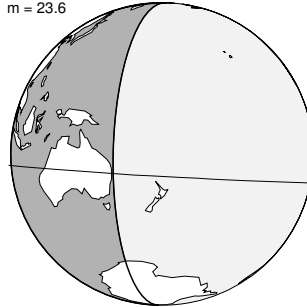
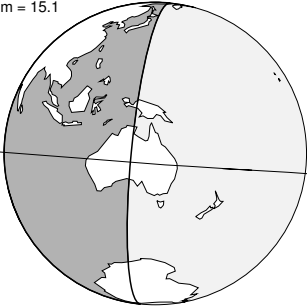
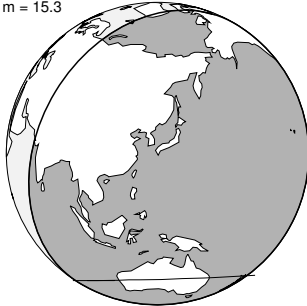
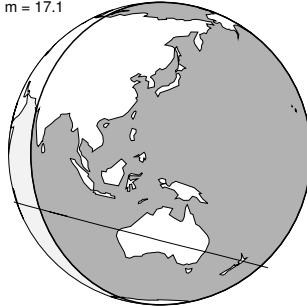
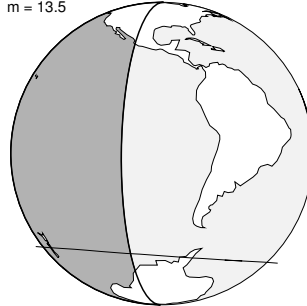
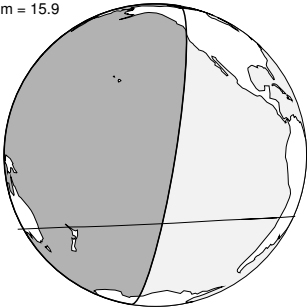
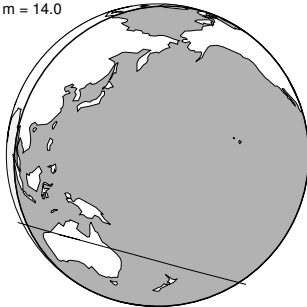
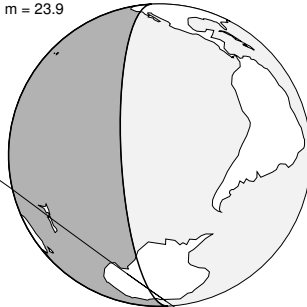
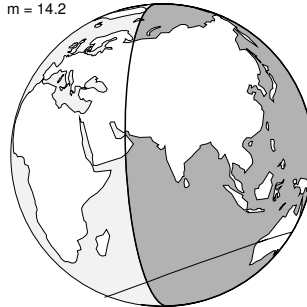
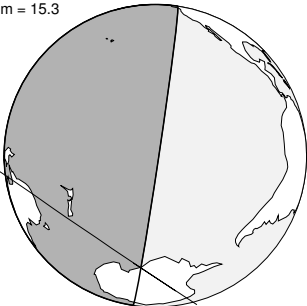
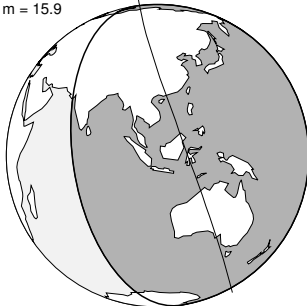
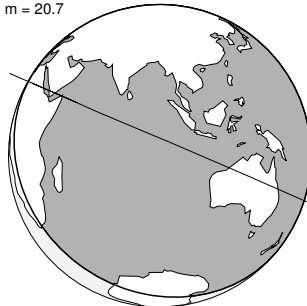
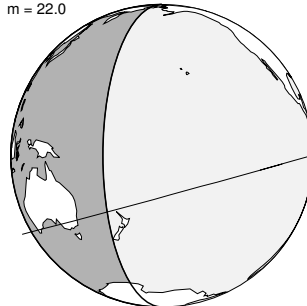
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 feb 13 12h38.6m</b> A24_02147 9799 Thronium UCAC4 482-021391 Diam = 52.5 m = 11.2 m = 16.9</p> <p>Dur = 5.4s Dmag = 5.7 Sun: 131° Moon: 84°</p>	<p><b>2024 feb 14 16h 0.8m</b> A24_02014 42 Isis PPMX 11603354 Diam = 107.0 m = 12.4 m = 12.4</p> <p>Dur = 3.5s Dmag = 0.8 Sun: 68° Moon: 133°</p>	<p><b>2024 feb 14 19h26.4m</b> B24_02004 459865 2013XZ8 UCAC4 295-094490 Diam = 51.8 m = 12.9 m = 19.7</p> <p>Dur = 3.0s Dmag = 6.7 Sun: 77° Moon: 143°</p>	<p><b>2024 feb 15 13h39.7m</b> A24_02131 1298 Nocturna TYC 6146-00849-1 Diam = 47.3 m = 11.3 m = 16.7</p> <p>Dur = 8.0s Dmag = 5.4 Sun: 108° Moon: 173°</p>
<p><b>2024 feb 15 18h34.1m</b> A24_02068 444 Gypsis TYC 6184-00500-1 Diam = 170.0 m = 11.7 m = 13.4</p> <p>Dur = 10.8s Dmag = 1.9 Sun: 91° Moon: 169°</p>	<p><b>2024 feb 16 11h41.5m</b> A24_02059 354 Eleonora TYC 0777-00639-1 Diam = 162.0 m = 12.1 m = 10.1</p> <p>Dur = 15.9s Dmag = 0.2 Sun: 144° Moon: 58°</p>	<p><b>2024 feb 16 20h55.7m</b> A24_02005 3 Juno UCAC4 459-048227 Diam = 257.6 m = 12.5 m = 9.0</p> <p>Dur = 21.3s Dmag = 0.0 Sun: 159° Moon: 107°</p>	<p><b>2024 feb 18 10h40.3m</b> A24_02056 329 Svea HIP 39166 Diam = 80.5 m = 9.3 m = 13.4</p> <p>Dur = 7.3s Dmag = 4.2 Sun: 147° Moon: 46°</p>
<p><b>2024 feb 18 15h22.2m</b> A24_02025 105 Artemis UCAC4 400-046918 Diam = 123.0 m = 12.3 m = 11.9</p> <p>Dur = 9.6s Dmag = 0.6 Sun: 155° Moon: 67°</p>	<p><b>2024 feb 20 14h20.3m</b> B24_02001 55638 2002VE95 UCAC4 482-026065 Diam = 317.7 m = 14.3 m = 20.7</p> <p>Dur = 20.2s Dmag = 6.4 Sun: 129° Moon: 22°</p>	<p><b>2024 feb 20 16h16.6m</b> A24_02011 6 Hebe UCAC4 451-057317 Diam = 186.0 m = 11.2 m = 10.8</p> <p>Dur = 19.9s Dmag = 0.6 Sun: 109° Moon: 109°</p>	<p><b>2024 feb 21 11h31.2m</b> A24_02097 595 Polyxena TYC 1765-01103-1 Diam = 114.0 m = 12.3 m = 14.2</p> <p>Dur = 4.5s Dmag = 2.1 Sun: 69° Moon: 77°</p>
<p><b>2024 feb 21 14h55.7m</b> B24_02008 2011HP83 UCAC5 202-137831 Diam = 436.5 m = 14.9 m = 20.9</p> <p>Dur = 21.1s Dmag = 6.0 Sun: 72° Moon: 137°</p>	<p><b>2024 feb 22 11h14.9m</b> A24_02127 1263 Varsavia UCAC4 443-038872 Diam = 50.7 m = 12.3 m = 14.0</p> <p>Dur = 3.4s Dmag = 1.9 Sun: 136° Moon: 32°</p>	<p><b>2024 feb 22 11h53.7m</b> A24_02046 271 Pentheselea TYC 1833-00974-1 Diam = 61.2 m = 9.5 m = 15.1</p> <p>Dur = 4.4s Dmag = 5.6 Sun: 96° Moon: 61°</p>	<p><b>2024 feb 25 9h27.6m</b> A24_02130 1264 Letaba UCAC4 406-025416 Diam = 77.5 m = 12.4 m = 14.4</p> <p>Dur = 8.1s Dmag = 2.1 Sun: 127° Moon: 61°</p>

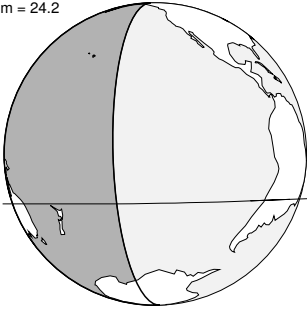
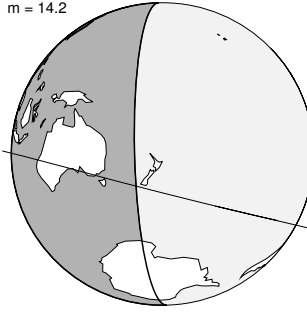
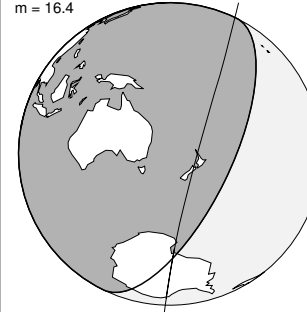
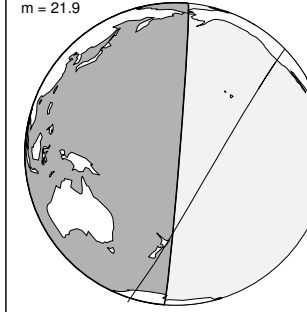
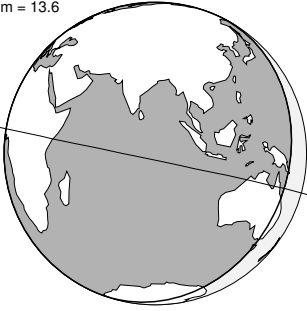
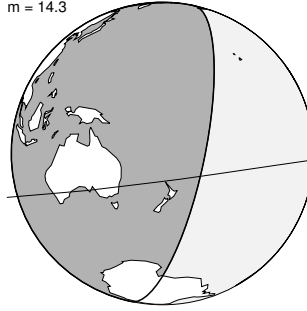
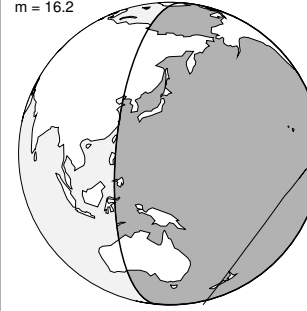
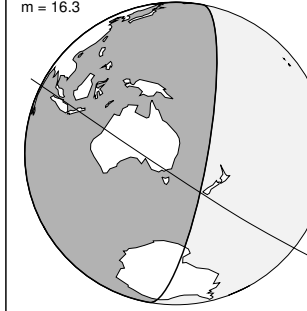
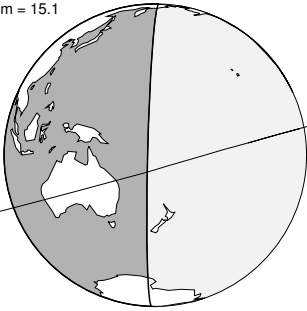
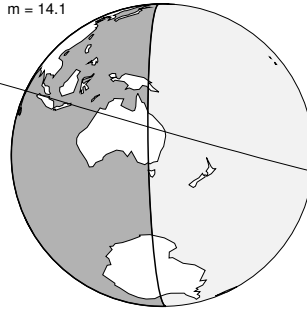
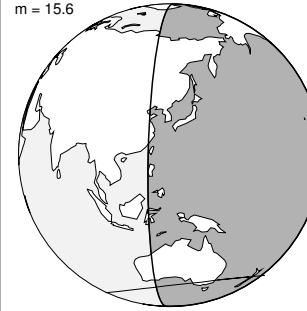
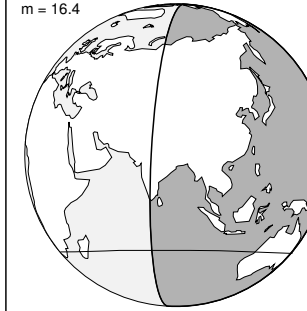
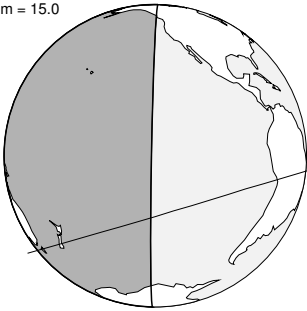
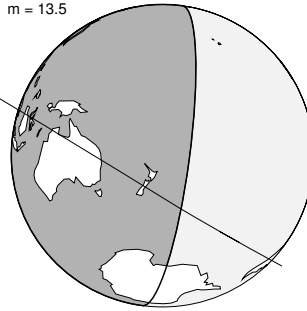
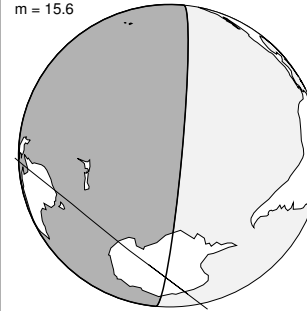
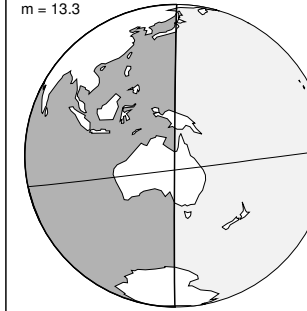
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 feb 25 14h33.3m</b> A24_02118 859 Bouzaréah TYC 6824–00679–1 Diam = 77.5 m = 10.4 m = 16.0</p>  <p>Dur = 3.5s Dmag = 5.7 Sun: 77° Moon: 92°</p>	<p><b>2024 feb 26 11h15.2m</b> A24_02129 1264 Letaba TYC 5394–03232–1 Diam = 77.5 m = 9.3 m = 14.4</p>  <p>Dur = 8.2s Dmag = 5.1 Sun: 126° Moon: 71°</p>	<p><b>2024 feb 26 16h34.3m</b> B24_02005 459865 2013XZ8 UCAC4 294–092223 Diam = 51.8 m = 14.1 m = 19.6</p>  <p>Dur = 4.6s Dmag = 5.5 Sun: 88° Moon: 69°</p>	<p><b>2024 feb 26 19h37.2m</b> B24_02002 85627 1998HP151 UCAC4 330–112586 Diam = 147.9 m = 14.9 m = 23.6</p>  <p>Dur = 9.9s Dmag = 8.7 Sun: 71° Moon: 84°</p>
<p><b>2024 feb 26 21h 2.6m</b> A24_02094 586 Thekla TYC 6231–01355–1 Diam = 85.0 m = 10.0 m = 15.1</p>  <p>Dur = 4.1s Dmag = 5.1 Sun: 80° Moon: 74°</p>	<p><b>2024 feb 27 13h21.7m</b> A24_02120 910 Anneliese TYC 2483–00645–1 Diam = 53.0 m = 11.7 m = 15.3</p>  <p>Dur = 5.5s Dmag = 3.6 Sun: 142° Moon: 69°</p>	<p><b>2024 feb 29 13h18.1m</b> A24_02146 6545 Leitus UCAC4 496–052250 Diam = 41.7 m = 11.5 m = 17.1</p>  <p>Dur = 3.2s Dmag = 5.6 Sun: 148° Moon: 85°</p>	<p><b>2024 feb 29 13h23.5m</b> A24_02027 111 Ate TYC 6835–00517–1 Diam = 139.0 m = 11.9 m = 13.5</p>  <p>Dur = 5.7s Dmag = 1.8 Sun: 74° Moon: 51°</p>
<p><b>2024 feb 29 14h59.1m</b> A24_02121 1075 Helina UCAC4 399–061423 Diam = 40.5 m = 12.1 m = 15.9</p>  <p>Dur = 3.3s Dmag = 3.9 Sun: 97° Moon: 29°</p>	<p><b>2024 mar 2 11h40.6m</b> A24_03049 175 Andromache TYC 1413–00653–1 Diam = 107.0 m = 9.8 m = 14.0</p>  <p>Dur = 7.2s Dmag = 4.3 Sun: 158° Moon: 97°</p>	<p><b>2024 mar 2 14h24.1m</b> B24_03007 130391 2000JG81 UCAC4 256–132244 Diam = 106.7 m = 14.7 m = 23.9</p>  <p>Dur = 6.5s Dmag = 9.2 Sun: 75° Moon: 30°</p>	<p><b>2024 mar 3 14h16.7m</b> A24_03041 125 Liberatrix UCAC4 544–019072 Diam = 47.5 m = 12.2 m = 14.2</p>  <p>Dur = 5.7s Dmag = 2.1 Sun: 103° Moon: 163°</p>
<p><b>2024 mar 3 15h 0.4m</b> A24_03102 697 Galilea UCAC4 291–096816 Diam = 82.5 m = 11.5 m = 15.3</p>  <p>Dur = 4.6s Dmag = 3.8 Sun: 91° Moon: 6°</p>	<p><b>2024 mar 4 13h17.2m</b> A24_03172 3793 Leonteus UCAC5 441–032414 Diam = 72.4 m = 12.4 m = 15.9</p>  <p>Dur = 6.9s Dmag = 3.5 Sun: 124° Moon: 141°</p>	<p><b>2024 mar 6 16h59.6m</b> B24_03013 2011GN27 UCAC4 371–057795 Diam = 120.2 m = 13.3 m = 20.7</p>  <p>Dur = 3.4s Dmag = 7.4 Sun: 153° Moon: 127°</p>	<p><b>2024 mar 6 18h43.9m</b> B24_03001 5145 Pholus UCAC4 382–119310 Diam = 166.0 m = 14.8 m = 22.0</p>  <p>Dur = 10.4s Dmag = 7.2 Sun: 66° Moon: 22°</p>

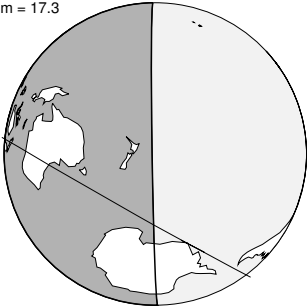
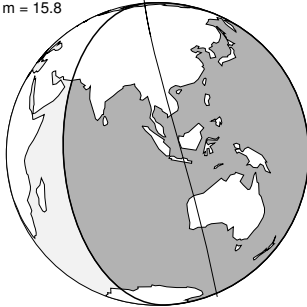
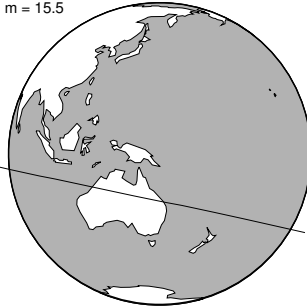
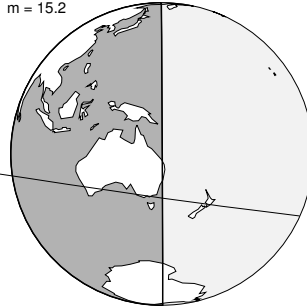
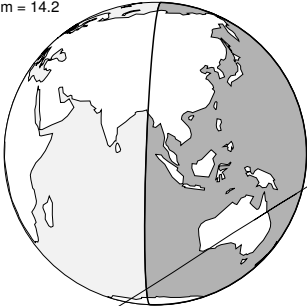
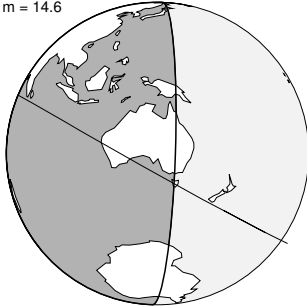
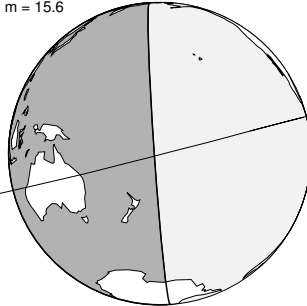
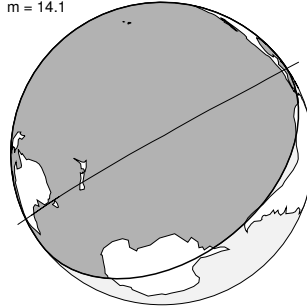
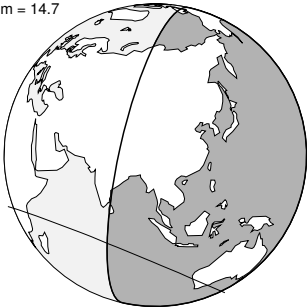
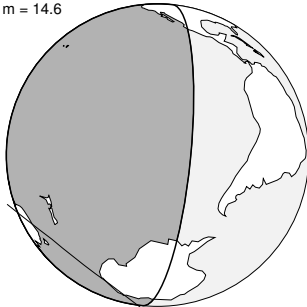
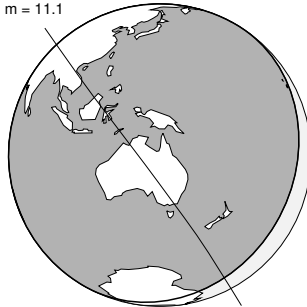
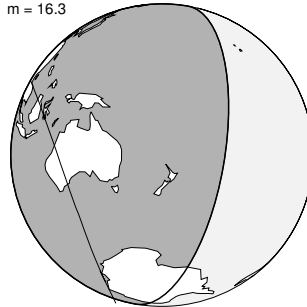
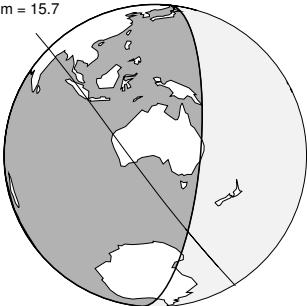
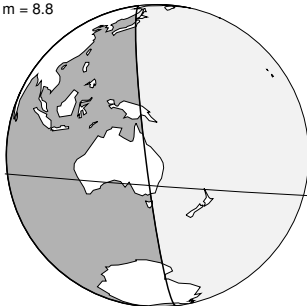
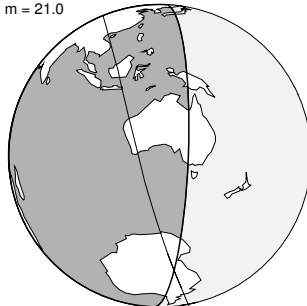
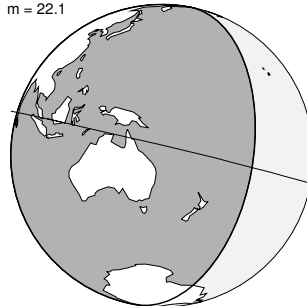
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 mar 7 15h53.0m</b> B24_03005 52747 1998HM151 UCAC4 332-136480 Diam = 115.9 m = 14.0 m = 24.2</p>  <p>Dur = 8.6s Dmag = 10.3 Sun: 73° Moon: 36°</p>	<p><b>2024 mar 7 18h54.9m</b> A24_03044 134 Sophrosyne UCAC4 276-132706 Diam = 107.0 m = 11.5 m = 14.2</p>  <p>Dur = 4.8s Dmag = 2.8 Sun: 79° Moon: 43°</p>	<p><b>2024 mar 8 17h 8.8m</b> A24_03165 2892 Filipenko UCAC4 267-076444 Diam = 58.5 m = 12.4 m = 16.4</p>  <p>Dur = 6.5s Dmag = 4.0 Sun: 113° Moon: 90°</p>	<p><b>2024 mar 8 17h57.6m</b> B24_03010 556067 2014JK80 UCAC4 435-068307 Diam = 223.9 m = 13.3 m = 21.9</p>  <p>Dur = 20.2s Dmag = 8.5 Sun: 91° Moon: 71°</p>
<p><b>2024 mar 8 20h 9.7m</b> A24_03066 359 Georgia TYC 4963-00568-1 Diam = 47.0 m = 11.0 m = 13.6</p>  <p>Dur = 4.3s Dmag = 2.7 Sun: 151° Moon: 130°</p>	<p><b>2024 mar 9 17h26.3m</b> A24_03096 640 Brambilla UCAC4 332-078659 Diam = 84.8 m = 12.5 m = 14.3</p>  <p>Dur = 9.2s Dmag = 2.0 Sun: 106° Moon: 97°</p>	<p><b>2024 mar 13 9h56.6m</b> A24_03175 4835 Asaeus UCAC5 549-033927 Diam = 45.7 m = 12.5 m = 16.2</p>  <p>Dur = 5.6s Dmag = 3.8 Sun: 110° Moon: 69°</p>	<p><b>2024 mar 14 18h59.6m</b> A24_03156 1639 Bower TYC 7345-00795-1 Diam = 41.0 m = 11.8 m = 16.3</p>  <p>Dur = 4.1s Dmag = 4.6 Sun: 102° Moon: 162°</p>
<p><b>2024 mar 14 19h 2.4m</b> A24_03054 252 Clementina UCAC4 372-101314 Diam = 72.1 m = 12.3 m = 15.1</p>  <p>Dur = 3.9s Dmag = 2.8 Sun: 87° Moon: 146°</p>	<p><b>2024 mar 14 20h21.3m</b> A24_03045 134 Sophrosyne PPMX 13686950 Diam = 107.0 m = 12.3 m = 14.1</p>  <p>Dur = 5.5s Dmag = 2.0 Sun: 84° Moon: 145°</p>	<p><b>2024 mar 15 10h 6.9m</b> A24_03108 738 Alagasta TYC 1326-00894-1 Diam = 64.8 m = 10.0 m = 15.6</p>  <p>Dur = 5.6s Dmag = 5.6 Sun: 98° Moon: 30°</p>	<p><b>2024 mar 16 12h59.9m</b> A24_03145 1180 Rita UCAC4 580-027761 Diam = 61.9 m = 12.5 m = 16.4</p>  <p>Dur = 8.8s Dmag = 3.9 Sun: 99° Moon: 17°</p>
<p><b>2024 mar 16 14h48.9m</b> A24_03055 252 Clementina UCAC4 372-102363 Diam = 72.1 m = 12.5 m = 15.0</p>  <p>Dur = 4.0s Dmag = 2.6 Sun: 88° Moon: 165°</p>	<p><b>2024 mar 17 17h13.2m</b> A24_03113 784 Pickeringia UCAC5 292-103630 Diam = 90.0 m = 12.5 m = 13.5</p>  <p>Dur = 5.4s Dmag = 1.4 Sun: 100° Moon: 163°</p>	<p><b>2024 mar 18 14h57.9m</b> A24_03091 605 Juvisia TYC 7895-00034-1 Diam = 72.0 m = 10.1 m = 15.6</p>  <p>Dur = 4.2s Dmag = 5.6 Sun: 94° Moon: 154°</p>	<p><b>2024 mar 18 20h46.9m</b> A24_03061 308 Polyxo UCAC4 355-118527 Diam = 148.0 m = 11.1 m = 13.3</p>  <p>Dur = 8.1s Dmag = 2.3 Sun: 89° Moon: 159°</p>

# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 mar 19 17h48.5m</b> A24_03169 3012 Minsk UCAC4 241-151314 Diam = 64.1 m = 12.1 m = 17.3</p>  <p>Dur = 3.5s Dmag = 5.3 Sun: 88° Moon: 149°</p>	<p><b>2024 mar 20 13h57.1m</b> A24_03140 1101 Clematis UCAC4 425-047891 Diam = 41.0 m = 12.1 m = 15.8</p>  <p>Dur = 3.5s Dmag = 3.7 Sun: 128° Moon: 28°</p>	<p><b>2024 mar 20 14h 7.5m</b> A24_03134 1002 Olbersia TYC 4945-00965-1 Diam = 57.1 m = 10.6 m = 15.5</p>  <p>Dur = 3.8s Dmag = 4.9 Sun: 174° Moon: 55°</p>	<p><b>2024 mar 20 19h58.5m</b> A24_03138 1032 Pafuri UCAC5 340-111506 Diam = 59.1 m = 12.5 m = 15.2</p>  <p>Dur = 3.2s Dmag = 2.8 Sun: 90° Moon: 138°</p>
<p><b>2024 mar 24 12h 0.0m</b> A24_03083 491 Carina TYC 0145-00424-1 Diam = 101.0 m = 10.8 m = 14.2</p>  <p>Dur = 5.8s Dmag = 3.4 Sun: 93° Moon: 79°</p>	<p><b>2024 mar 24 20h28.4m</b> A24_03107 735 Marghanna TYC 7377-00521-1 Diam = 77.0 m = 10.4 m = 14.6</p>  <p>Dur = 4.6s Dmag = 4.3 Sun: 96° Moon: 88°</p>	<p><b>2024 mar 27 17h46.4m</b> A24_03150 1315 Bronisława UCAC5 350-141769 Diam = 65.5 m = 12.5 m = 15.6</p>  <p>Dur = 3.5s Dmag = 3.2 Sun: 87° Moon: 65°</p>	<p><b>2024 mar 28 11h15.6m</b> A24_03154 1467 Mashona HIP 69292 Diam = 112.0 m = 12.1 m = 14.1</p>  <p>Dur = 9.3s Dmag = 2.1 Sun: 135° Moon: 25°</p>
<p><b>2024 mar 29 12h46.1m</b> A24_03147 1248 Jugurtha TYC 2454-00048-1 Diam = 47.9 m = 12.2 m = 14.7</p>  <p>Dur = 5.1s Dmag = 2.6 Sun: 103° Moon: 123°</p>	<p><b>2024 mar 29 12h55.8m</b> A24_03101 693 Zerbinetta UCAC4 255-123381 Diam = 69.1 m = 12.3 m = 14.6</p>  <p>Dur = 5.3s Dmag = 2.4 Sun: 102° Moon: 32°</p>	<p><b>2024 mar 30 16h12.0m</b> A24_03016 25 Phocaea UCAC5 356-066648 Diam = 78.0 m = 12.5 m = 11.1</p>  <p>Dur = 7.8s Dmag = 0.3 Sun: 152° Moon: 34°</p>	<p><b>2024 mar 31 16h56.8m</b> A24_03164 2826 Ahti TYC 7360-01804-1 Diam = 42.0 m = 10.4 m = 16.3</p>  <p>Dur = 5.1s Dmag = 5.8 Sun: 114° Moon: 8°</p>
<p><b>2024 mar 31 20h 5.7m</b> A24_03124 859 Bouzaréah UCAC4 292-128700 Diam = 77.5 m = 12.2 m = 15.7</p>  <p>Dur = 8.9s Dmag = 3.5 Sun: 107° Moon: 4°</p>	<p><b>2024 mar 31 20h28.7m</b> A24_03002 1 Ceres UCAC4 333-203005 Diam = 952.5 m = 10.9 m = 8.8</p>  <p>Dur = 50.6s Dmag = 0.2 Sun: 85° Moon: 21°</p>	<p><b>2024 mar 31 20h47.9m</b> B24_03008 471155 2010GF65 UCAC4 271-137680 Diam = 145.9 m = 14.5 m = 21.0</p>  <p>Dur = 21.9s Dmag = 6.5 Sun: 100° Moon: 9°</p>	<p><b>2024 apr 1 17h 8.7m</b> B24_04006 182934 2002GJ32 UCAC4 344-079004 Diam = 332.7 m = 13.5 m = 22.1</p>  <p>Dur = 25.1s Dmag = 8.7 Sun: 126° Moon: 32°</p>

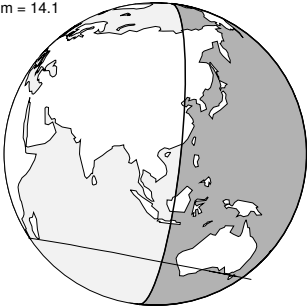
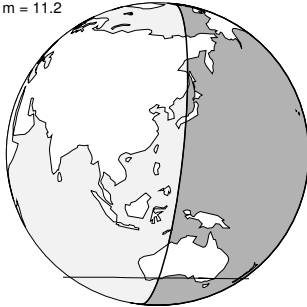
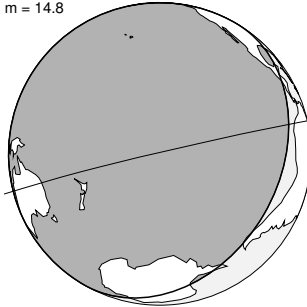
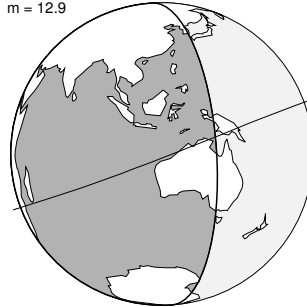
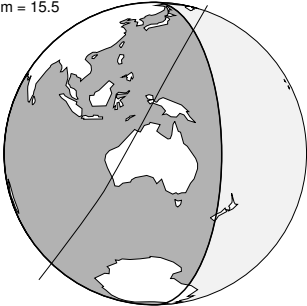
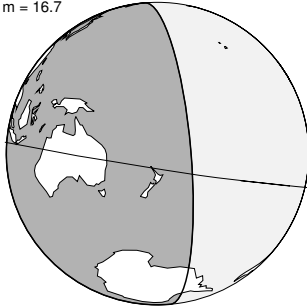
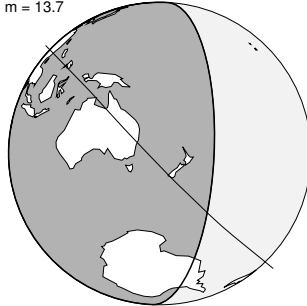
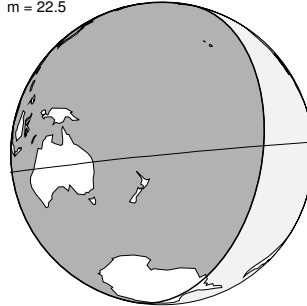
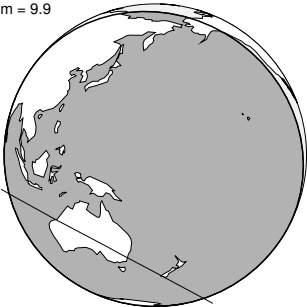
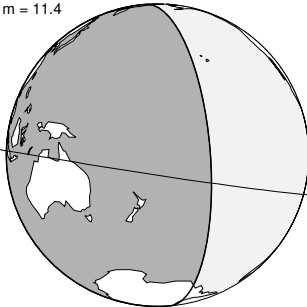
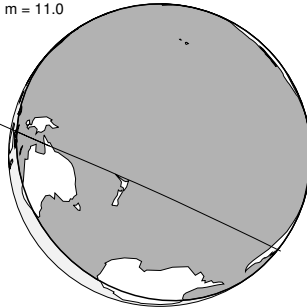
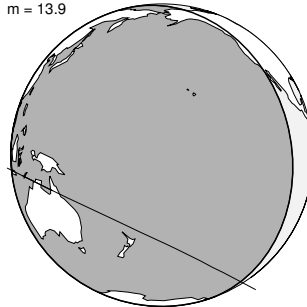
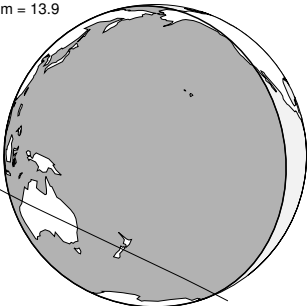
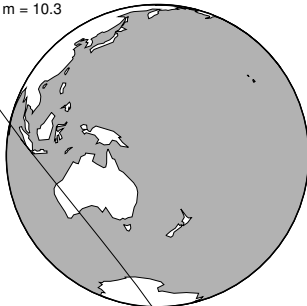
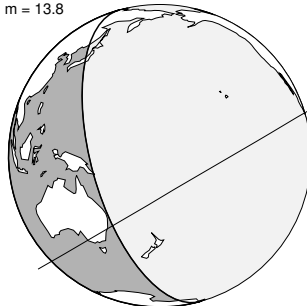
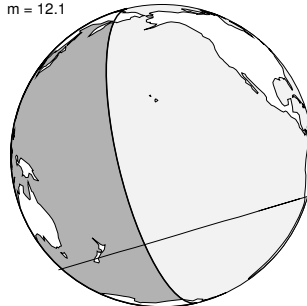
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 apr 2 9h53.7m</b> A24_04041 110 Lydia UCAC4 389-061129 Diam = 89.1 m = 12.1</p> <p>Dur = 10.4s Dmag = 0.8 Sun: 149° Moon: 64°</p>	<p><b>2024 apr 2 15h16.2m</b> A24_04110 693 Zerbinetta UCAC4 252-127127 Diam = 69.1 m = 12.4 m = 14.6</p> <p>Dur = 6.0s Dmag = 2.3 Sun: 105° Moon: 25°</p>	<p><b>2024 apr 3 12h 9.8m</b> A24_04078 454 Mathesis UCAC4 313-121765 Diam = 84.5 m = 10.9 m = 13.6</p> <p>Dur = 8.3s Dmag = 2.8 Sun: 107° Moon: 35°</p>	<p><b>2024 apr 3 14h17.5m</b> A24_04052 170 Maria TYC 0796-00573-1 Diam = 46.2 m = 11.7 m = 13.8</p> <p>Dur = 9.1s Dmag = 2.2 Sun: 113° Moon: 165°</p>
<p><b>2024 apr 3 17h16.9m</b> A24_04156 2494 Inge TYC 4906-00380-1 Diam = 57.7 m = 10.1 m = 15.9</p> <p>Dur = 7.3s Dmag = 5.8 Sun: 138° Moon: 145°</p>	<p><b>2024 apr 3 20h24.9m</b> B24_04007 470309 2007JK43 UCAC4 511-079640 Diam = 145.2 m = 14.8 m = 21.7</p> <p>Dur = 6.9s Dmag = 6.9 Sun: 92° Moon: 47°</p>	<p><b>2024 apr 4 14h 8.5m</b> A24_04040 110 Lydia TYC 5573-00745-1 Diam = 89.1 m = 10.2 m = 12.1</p> <p>Dur = 9.8s Dmag = 2.1 Sun: 152° Moon: 95°</p>	<p><b>2024 apr 4 19h58.7m</b> A24_04037 102 Miriam UCAC4 366-172900 Diam = 86.0 m = 10.3 m = 14.3</p> <p>Dur = 3.5s Dmag = 4.0 Sun: 81° Moon: 28°</p>
<p><b>2024 apr 4 22h16.6m</b> A24_04119 754 Malabar PPMX 8658843 Diam = 89.1 m = 11.6 m = 15.0</p> <p>Dur = 4.4s Dmag = 3.4 Sun: 87° Moon: 44°</p>	<p><b>2024 apr 6 17h44.1m</b> A24_04026 68 Leto UCAC4 311-178611 Diam = 127.0 m = 12.1 m = 12.0</p> <p>Dur = 10.9s Dmag = 0.7 Sun: 104° Moon: 76°</p>	<p><b>2024 apr 7 8h36.8m</b> A24_04116 738 Alagasta UCAC4 562-030963 Diam = 64.8 m = 11.7 m = 15.8</p> <p>Dur = 3.1s Dmag = 4.1 Sun: 79° Moon: 100°</p>	<p><b>2024 apr 7 13h19.9m</b> A24_04044 128 Nemesis TYC 1933-00683-1 Diam = 194.0 m = 11.9 m = 12.8</p> <p>Dur = 16.0s Dmag = 1.3 Sun: 97° Moon: 115°</p>
<p><b>2024 apr 7 20h24.4m</b> A24_04038 102 Miriam TYC 6299-00820-1 Diam = 86.0 m = 11.7 m = 14.2</p> <p>Dur = 3.7s Dmag = 2.6 Sun: 83° Moon: 71°</p>	<p><b>2024 apr 9 11h44.1m</b> A24_04124 804 Hispania PPMX 4042864 Diam = 140.6 m = 11.8 m = 13.7</p> <p>Dur = 6.7s Dmag = 2.1 Sun: 81° Moon: 71°</p>	<p><b>2024 apr 11 17h48.1m</b> A24_04147 1520 Imatra TYC 6841-01607-1 Diam = 56.5 m = 11.2 m = 15.6</p> <p>Dur = 9.1s Dmag = 4.5 Sun: 112° Moon: 152°</p>	<p><b>2024 apr 11 17h51.2m</b> A24_04148 1520 Imatra UCAC4 333-133401 Diam = 56.5 m = 11.6 m = 15.6</p> <p>Dur = 9.1s Dmag = 4.0 Sun: 112° Moon: 153°</p>

# Occultations by major and minor planets – 2024

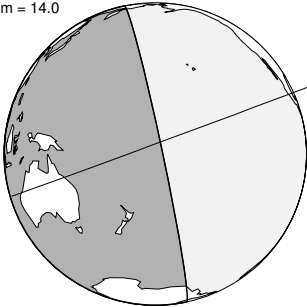
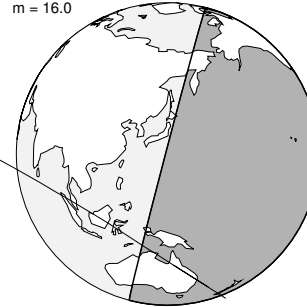
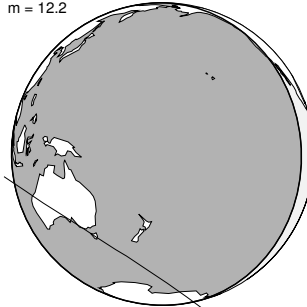
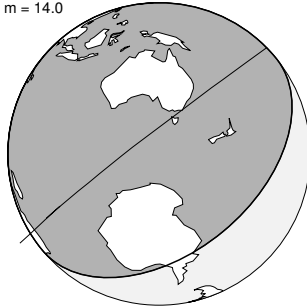
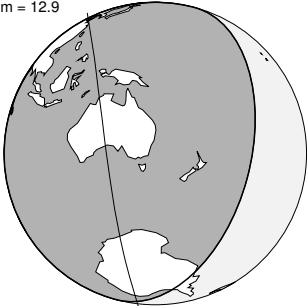
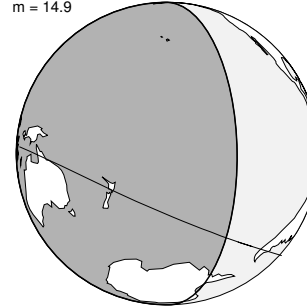
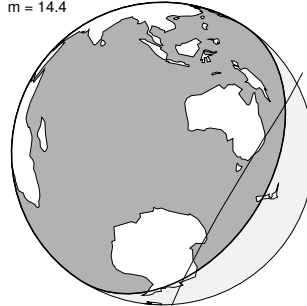
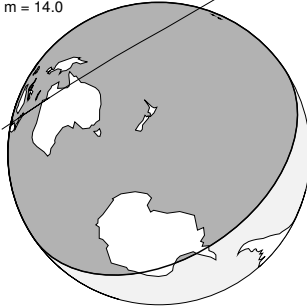
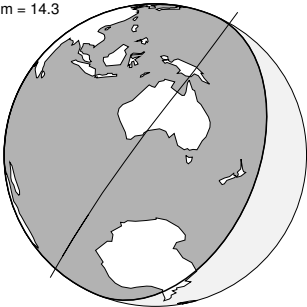
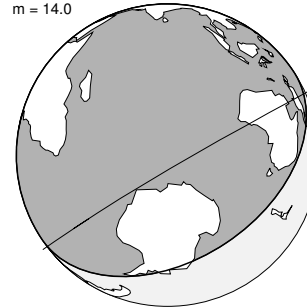
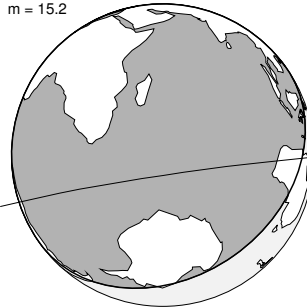
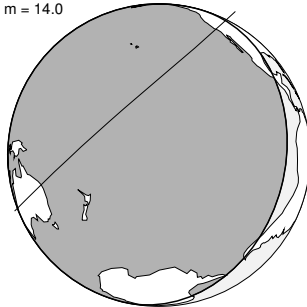
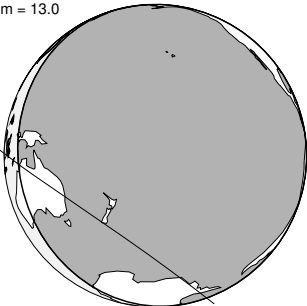
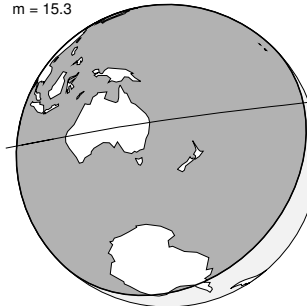
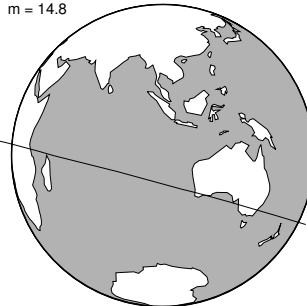
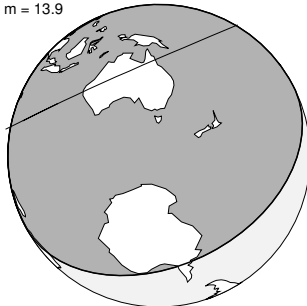
# Region 8

<p><b>2024 apr 12 10h32.9m</b> A24_04083 476 Hedwig UCAC4 548–035478 Diam = 121.0 m = 11.6 m = 14.1</p>  <p>Dur = 6.0s Dmag = 2.6 Sun: 80° Moon: 32°</p>	<p><b>2024 apr 13 9h27.3m</b> A24_04006 5 Astraea PPMX 6072336 Diam = 125.0 m = 12.4 m = 11.2</p>  <p>Dur = 5.2s Dmag = 0.3 Sun: 80° Moon: 20°</p>	<p><b>2024 apr 13 11h44.0m</b> A24_04096 573 Recha HIP 76326 Diam = 50.5 m = 7.6 m = 14.8</p>  <p>Dur = 5.4s Dmag = 7.2 Sun: 142° Moon: 152°</p>	<p><b>2024 apr 14 20h57.0m</b> A24_04060 308 Polyxo UCAC4 359–132265 Diam = 148.0 m = 11.9 m = 12.9</p>  <p>Dur = 19.6s Dmag = 1.4 Sun: 111° Moon: 165°</p>
<p><b>2024 apr 15 19h23.5m</b> A24_04149 1520 Imatra UCAC4 334–130257 Diam = 56.5 m = 12.3 m = 15.5</p>  <p>Dur = 11.0s Dmag = 3.3 Sun: 116° Moon: 153°</p>	<p><b>2024 apr 16 17h40.7m</b> A24_04146 1463 Nordenmarkia UCAC4 302–256184 Diam = 51.7 m = 12.4 m = 16.7</p>  <p>Dur = 6.0s Dmag = 4.3 Sun: 102° Moon: 157°</p>	<p><b>2024 apr 16 17h56.8m</b> A24_04045 134 Sophrosyne TYC 7901–00898–1 Diam = 107.0 m = 9.2 m = 13.7</p>  <p>Dur = 14.3s Dmag = 4.6 Sun: 111° Moon: 147°</p>	<p><b>2024 apr 17 14h55.7m</b> B24_04004 182294 2001KU76 UCAC4 310–100791 Diam = 202.3 m = 14.5 m = 22.5</p>  <p>Dur = 13.9s Dmag = 7.9 Sun: 131° Moon: 118°</p>
<p><b>2024 apr 18 13h53.0m</b> A24_04009 6 Hebe TYC 0331–00203–1 Diam = 186.0 m = 10.3 m = 9.9</p>  <p>Dur = 13.3s Dmag = 0.6 Sun: 158° Moon: 65°</p>	<p><b>2024 apr 18 16h31.7m</b> A24_04020 42 Isis UCAC4 346–153242 Diam = 107.0 m = 11.8 m = 11.4</p>  <p>Dur = 9.9s Dmag = 0.6 Sun: 110° Moon: 127°</p>	<p><b>2024 apr 19 9h48.7m</b> A24_04033 89 Julia UCAC4 307–068202 Diam = 159.0 m = 12.1 m = 11.0</p>  <p>Dur = 11.7s Dmag = 0.3 Sun: 155° Moon: 47°</p>	<p><b>2024 apr 19 13h16.3m</b> A24_04066 360 Carlova UCAC4 430–062111 Diam = 121.0 m = 11.6 m = 13.9</p>  <p>Dur = 9.9s Dmag = 2.4 Sun: 148° Moon: 76°</p>
<p><b>2024 apr 19 13h22.5m</b> A24_04065 360 Carlova UCAC4 430–062110 Diam = 121.0 m = 11.6 m = 13.9</p>  <p>Dur = 9.9s Dmag = 2.4 Sun: 148° Moon: 76°</p>	<p><b>2024 apr 20 13h10.9m</b> A24_04016 25 Phocaea TYC 5559–00514–1 Diam = 78.0 m = 10.6 m = 10.3</p>  <p>Dur = 5.8s Dmag = 0.6 Sun: 177° Moon: 39°</p>	<p><b>2024 apr 20 20h 7.3m</b> A24_04071 405 Thia UCAC4 430–118148 Diam = 129.0 m = 12.0 m = 13.8</p>  <p>Dur = 4.3s Dmag = 2.0 Sun: 62° Moon: 150°</p>	<p><b>2024 apr 21 17h23.1m</b> A24_04056 194 Prokne TYC 5197–00008–1 Diam = 174.0 m = 10.4 m = 12.1</p>  <p>Dur = 5.9s Dmag = 1.9 Sun: 72° Moon: 131°</p>



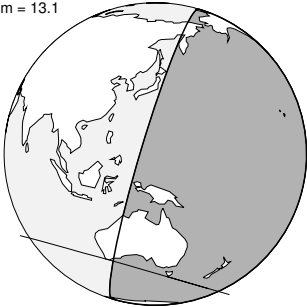
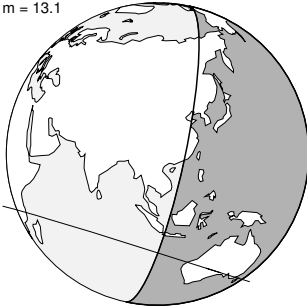
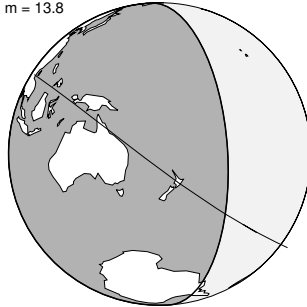
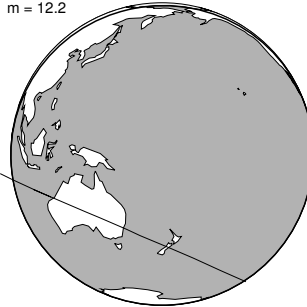
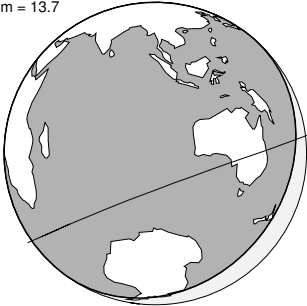
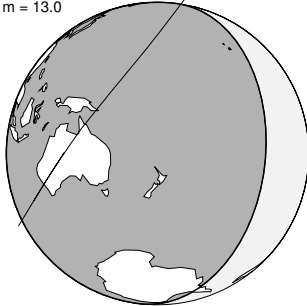
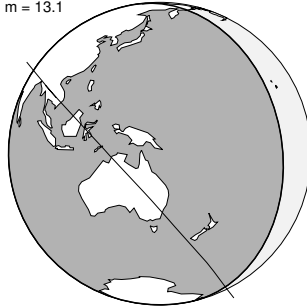
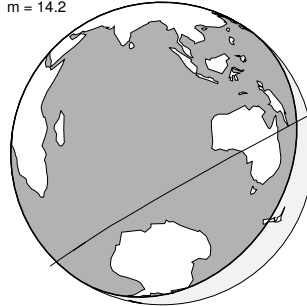
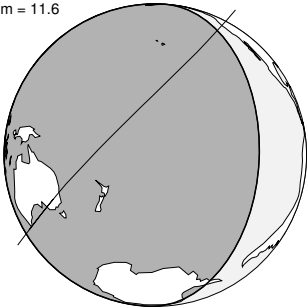
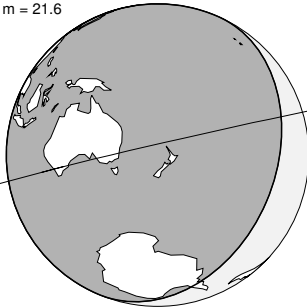
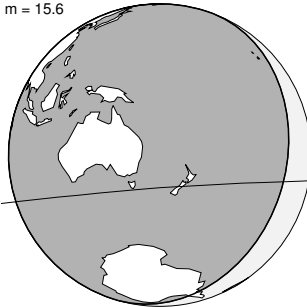
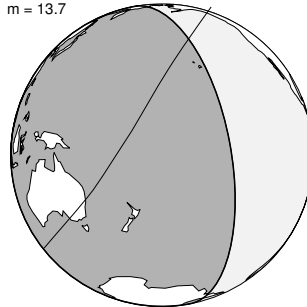
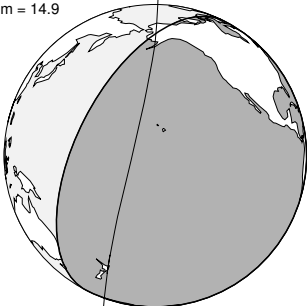
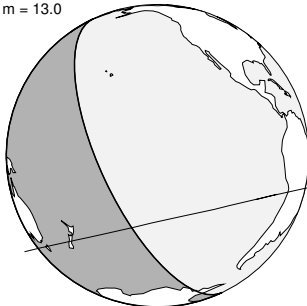
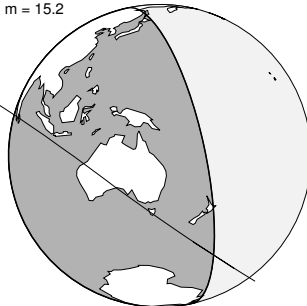
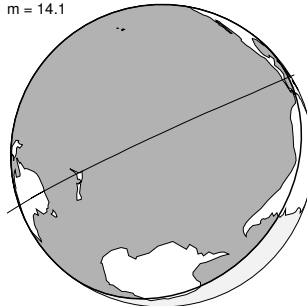
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 apr 21 17h24.6m</b> A24_04039 102 Miriam TYC 6313–00790–1 Diam = 86.0 m = 11.9 m = 14.0</p>  <p>Dur = 4.6s Dmag = 2.2 Sun: 92° Moon: 112°</p>	<p><b>2024 apr 22 9h 7.8m</b> A24_04128 910 Anneliese UCAC4 595–044194 Diam = 53.0 m = 11.8 m = 16.0</p>  <p>Dur = 3.7s Dmag = 4.2 Sun: 90° Moon: 72°</p>	<p><b>2024 apr 22 13h19.6m</b> A24_04077 444 Gypsis UCAC4 395–061280 Diam = 170.0 m = 11.7 m = 12.2</p>  <p>Dur = 14.9s Dmag = 1.0 Sun: 156° Moon: 39°</p>	<p><b>2024 apr 22 16h41.1m</b> A24_04103 626 Notburga UCAC4 175–144908 Diam = 104.0 m = 12.2 m = 14.0</p>  <p>Dur = 8.0s Dmag = 2.0 Sun: 131° Moon: 59°</p>
<p><b>2024 apr 22 17h 6.9m</b> A24_04123 784 Pickeringia UCAC4 266–112604 Diam = 90.0 m = 12.5 m = 12.9</p>  <p>Dur = 12.7s Dmag = 0.9 Sun: 128° Moon: 65°</p>	<p><b>2024 apr 25 14h43.7m</b> A24_04139 1135 Colchis UCAC4 305–249642 Diam = 51.5 m = 12.1 m = 14.9</p>  <p>Dur = 10.3s Dmag = 2.8 Sun: 117° Moon: 44°</p>	<p><b>2024 apr 25 19h28.7m</b> A24_04117 746 Marlu Gaia 046–0196480 Diam = 75.5 m = 12.4 m = 14.4</p>  <p>Dur = 8.1s Dmag = 2.1 Sun: 135° Moon: 26°</p>	<p><b>2024 apr 26 13h37.7m</b> A24_04105 626 Notburga UCAC4 173–142486 Diam = 104.0 m = 11.4 m = 14.0</p>  <p>Dur = 7.9s Dmag = 2.6 Sun: 134° Moon: 30°</p>
<p><b>2024 apr 26 18h17.2m</b> A24_04069 373 Melusina UCAC4 243–119504 Diam = 99.6 m = 12.1 m = 14.3</p>  <p>Dur = 11.4s Dmag = 2.3 Sun: 132° Moon: 19°</p>	<p><b>2024 apr 26 20h 7.7m</b> A24_04104 626 Notburga UCAC4 173–142318 Diam = 104.0 m = 11.7 m = 14.0</p>  <p>Dur = 7.9s Dmag = 2.4 Sun: 134° Moon: 30°</p>	<p><b>2024 apr 26 21h39.8m</b> A24_04059 285 Regina UCAC4 226–098587 Diam = 48.3 m = 12.4 m = 15.2</p>  <p>Dur = 5.0s Dmag = 2.8 Sun: 144° Moon: 22°</p>	<p><b>2024 apr 28 11h56.4m</b> A24_04129 926 Imhilde TYC 6804–00849–1 Diam = 50.5 m = 9.9 m = 14.0</p>  <p>Dur = 5.9s Dmag = 4.1 Sun: 146° Moon: 20°</p>
<p><b>2024 apr 29 9h 6.3m</b> A24_04097 584 Semiramis UCAC5 341–063189 Diam = 56.2 m = 12.5 m = 13.0</p>  <p>Dur = 4.3s Dmag = 1.0 Sun: 154° Moon: 82°</p>	<p><b>2024 apr 29 14h50.5m</b> A24_04130 934 Thuringia TYC 7855–00006–1 Diam = 57.1 m = 11.1 m = 15.3</p>  <p>Dur = 4.9s Dmag = 4.2 Sun: 146° Moon: 40°</p>	<p><b>2024 apr 29 17h15.2m</b> A24_04144 1268 Libya TYC 6160–01923–1 Diam = 97.5 m = 12.0 m = 14.8</p>  <p>Dur = 6.4s Dmag = 2.9 Sun: 175° Moon: 65°</p>	<p><b>2024 apr 30 15h26.4m</b> A24_04106 626 Notburga UCAC5 171–128606 Diam = 104.0 m = 12.4 m = 13.9</p>  <p>Dur = 7.7s Dmag = 1.7 Sun: 136° Moon: 56°</p>

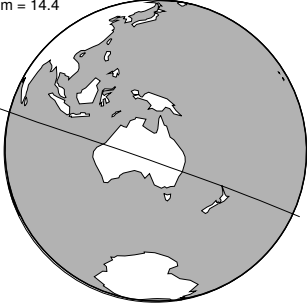
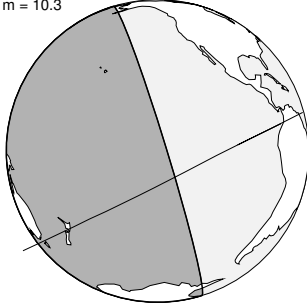
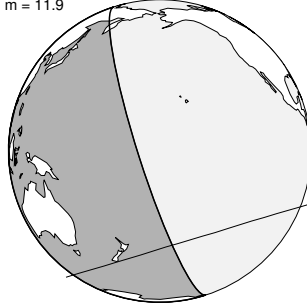
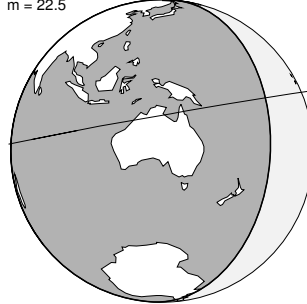
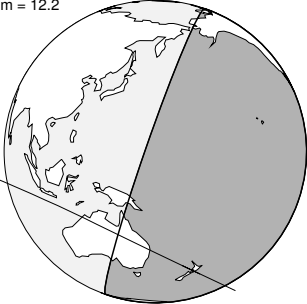
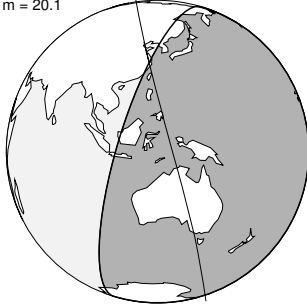
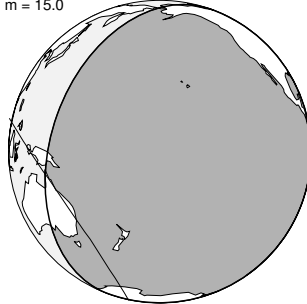
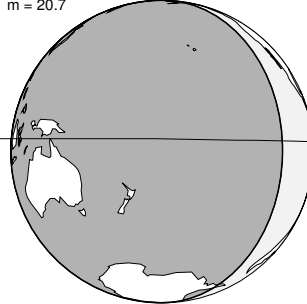
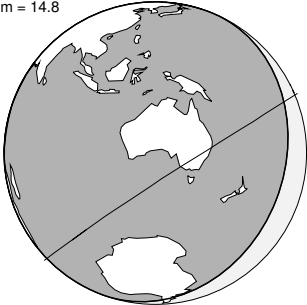
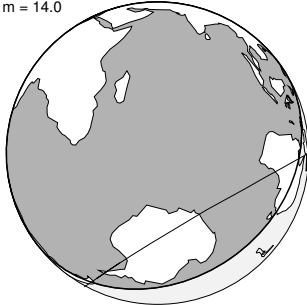
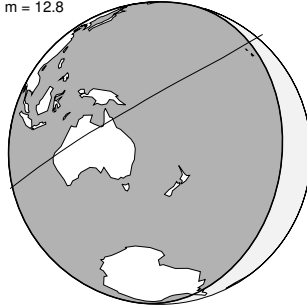
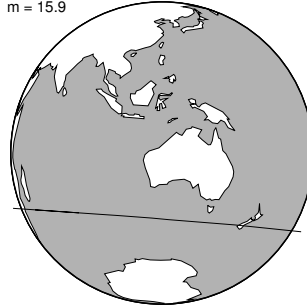
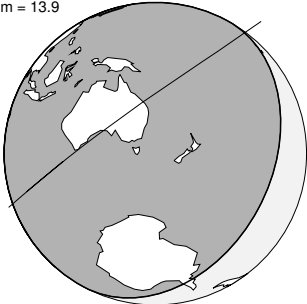
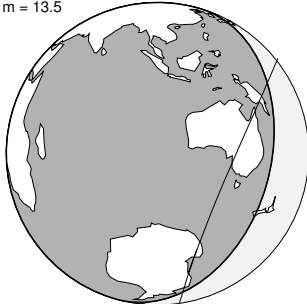
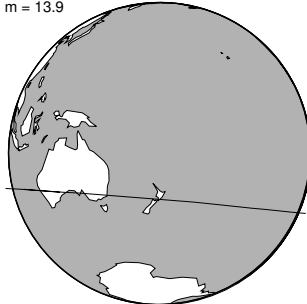
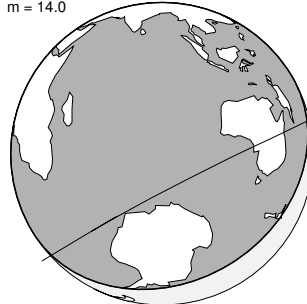
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 may 1 9h14.0m</b> A24_05015 38 Leda TYC 0815-00562-1 Diam = 120.0 m = 9.9 m = 13.1</p>  <p>Dur = 7.8s Dmag = 3.3 Sun: 95° Moon: 168°</p>	<p><b>2024 may 1 10h44.4m</b> A24_05043 128 Nemesis UCAC4 578-043522 Diam = 194.0 m = 11.8 m = 13.1</p>  <p>Dur = 9.0s Dmag = 1.6 Sun: 79° Moon: 170°</p>	<p><b>2024 may 1 17h19.5m</b> A24_05046 151 Abundantia TYC 6885-00554-1 Diam = 46.7 m = 8.8 m = 13.8</p>  <p>Dur = 8.6s Dmag = 5.1 Sun: 116° Moon: 30°</p>	<p><b>2024 may 3 12h30.7m</b> A24_05021 59 Elpis TYC 4992-00441-1 Diam = 173.0 m = 12.1 m = 12.2</p>  <p>Dur = 12.9s Dmag = 0.8 Sun: 168° Moon: 123°</p>
<p><b>2024 may 3 18h56.5m</b> A24_05097 546 Herodias TYC 7351-01279-1 Diam = 69.7 m = 10.8 m = 13.7</p>  <p>Dur = 6.2s Dmag = 2.9 Sun: 151° Moon: 95°</p>	<p><b>2024 may 4 15h26.4m</b> A24_05080 454 Mathesis UCAC4 303-153352 Diam = 84.5 m = 12.0 m = 13.0</p>  <p>Dur = 21.6s Dmag = 1.4 Sun: 135° Moon: 88°</p>	<p><b>2024 may 4 16h26.1m</b> A24_05103 631 Philippina UCAC4 390-073776 Diam = 75.9 m = 12.3 m = 13.1</p>  <p>Dur = 6.9s Dmag = 1.2 Sun: 144° Moon: 98°</p>	<p><b>2024 may 4 19h39.8m</b> A24_05113 697 Galilea UCAC4 256-099307 Diam = 82.5 m = 11.6 m = 14.2</p>  <p>Dur = 7.8s Dmag = 2.7 Sun: 146° Moon: 104°</p>
<p><b>2024 may 6 13h48.1m</b> A24_05008 22 Kalliope UCAC4 312-168509 Diam = 187.0 m = 12.1 m = 11.6</p>  <p>Dur = 26.8s Dmag = 0.5 Sun: 133° Moon: 112°</p>	<p><b>2024 may 6 15h 8.1m</b> A24_05173 2010EU65 UCAC4 260-118204 Diam = 63.1 m = 11.6 m = 21.6</p>  <p>Dur = 3.8s Dmag = 9.9 Sun: 141° Moon: 123°</p>	<p><b>2024 may 6 15h25.9m</b> A24_05087 467 Laura PPMX 13652988 Diam = 47.5 m = 12.4 m = 15.6</p>  <p>Dur = 5.1s Dmag = 3.2 Sun: 146° Moon: 127°</p>	<p><b>2024 may 6 15h44.8m</b> A24_05051 168 Sibylla UCAC5 366-157312 Diam = 154.0 m = 12.4 m = 13.7</p>  <p>Dur = 43.1s Dmag = 1.6 Sun: 117° Moon: 97°</p>
<p><b>2024 may 7 7h 3.1m</b> A24_05166 2951 Perepadin UCAC4 500-057330 Diam = 52.1 m = 12.1 m = 14.9</p>  <p>Dur = 7.7s Dmag = 2.8 Sun: 121° Moon: 133°</p>	<p><b>2024 may 7 16h59.0m</b> A24_05079 410 Chloris UCAC4 382-163024 Diam = 128.0 m = 12.2 m = 13.0</p>  <p>Dur = 4.2s Dmag = 1.2 Sun: 67° Moon: 62°</p>	<p><b>2024 may 7 19h 3.5m</b> A24_05098 581 Tauntonia UCAC4 348-187142 Diam = 67.1 m = 12.0 m = 15.2</p>  <p>Dur = 8.0s Dmag = 3.3 Sun: 107° Moon: 103°</p>	<p><b>2024 may 8 10h50.6m</b> A24_05114 697 Galilea UCAC4 254-091957 Diam = 82.5 m = 10.9 m = 14.1</p>  <p>Dur = 7.4s Dmag = 3.3 Sun: 149° Moon: 155°</p>

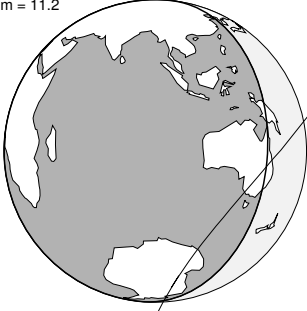
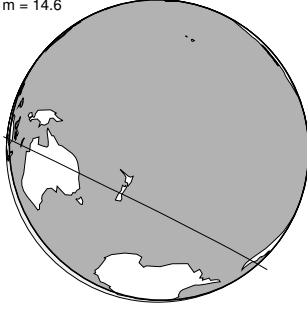
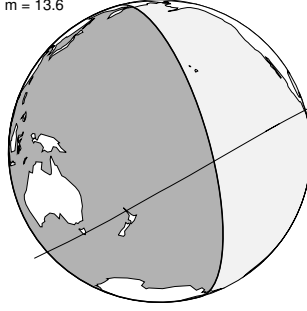
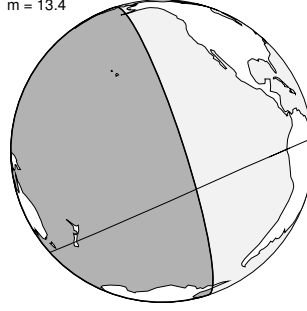
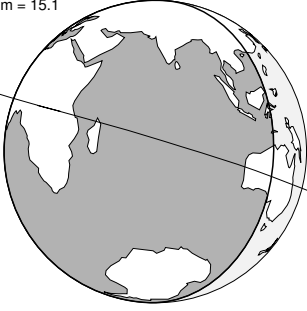
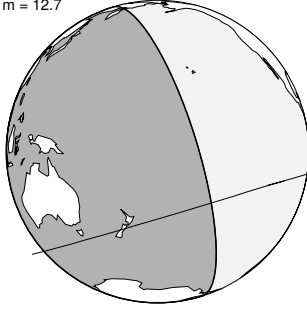
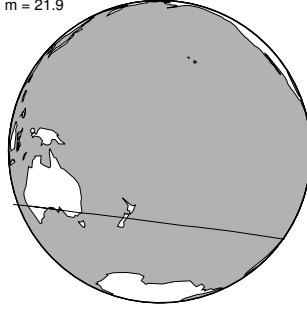
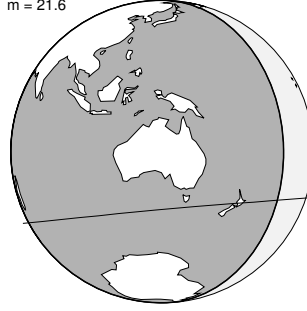

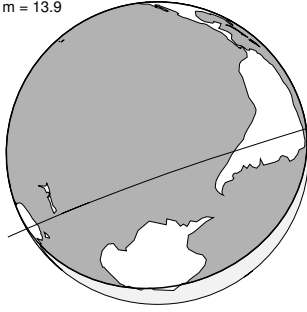
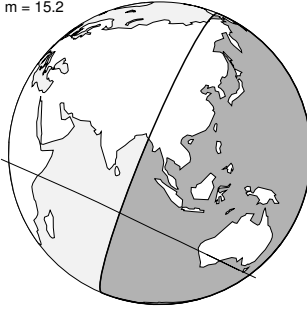
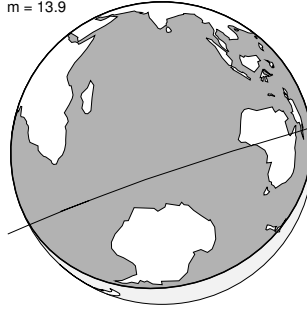
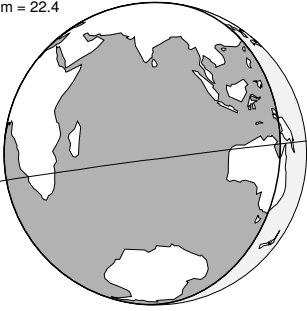
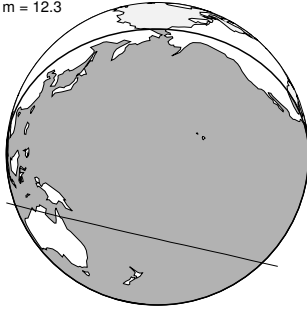
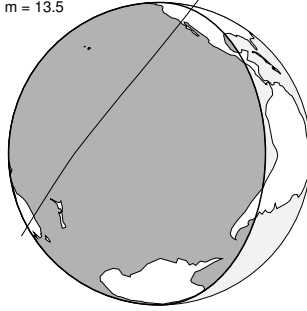
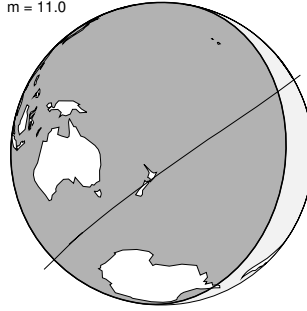
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 may 8 14h 9.3m</b> A24_05145 1092 Liliu TYC 6745-00819-1 Diam = 47.6 m = 11.0 m = 14.4</p>  <p>Dur = 4.4s Dmag = 3.5 Sun: 170° Moon: 169°</p>	<p><b>2024 may 8 14h54.8m</b> A24_05006 7 Iris TYC 5783-00086-1 Diam = 329.6 m = 10.7 m = 10.3</p>  <p>Dur = 19.5s Dmag = 0.6 Sun: 93° Moon: 100°</p>	<p><b>2024 may 9 17h35.6m</b> A24_05057 194 Prokne UCAC4 452-119961 Diam = 174.0 m = 12.0 m = 11.9</p>  <p>Dur = 7.1s Dmag = 0.7 Sun: 81° Moon: 101°</p>	<p><b>2024 may 9 18h 3.6m</b> B24_05010 119067 2001KP76 UCAC4 306-214064 Diam = 225.9 m = 14.9 m = 22.5</p>  <p>Dur = 13.9s Dmag = 7.6 Sun: 135° Moon: 157°</p>
<p><b>2024 may 10 8h 6.2m</b> A24_05022 63 Ausonia UCAC4 513-050835 Diam = 108.0 m = 12.3 m = 12.2</p>  <p>Dur = 7.9s Dmag = 0.7 Sun: 93° Moon: 65°</p>	<p><b>2024 may 10 10h36.1m</b> B24_05008 55565 2002AW197 UCAC4 421-052967 Diam = 843.3 m = 13.8 m = 20.1</p>  <p>Dur = 108.6s Dmag = 6.4 Sun: 105° Moon: 78°</p>	<p><b>2024 may 11 8h11.0m</b> A24_05074 392 Wilhelmina UCAC4 421-056776 Diam = 64.6 m = 12.1 m = 15.0</p>  <p>Dur = 7.6s Dmag = 3.0 Sun: 136° Moon: 95°</p>	<p><b>2024 may 11 13h48.7m</b> B24_05013 119951 2002KX14 UCAC4 333-130119 Diam = 476.4 m = 14.4 m = 20.7</p>  <p>Dur = 25.7s Dmag = 6.3 Sun: 142° Moon: 171°</p>
<p><b>2024 may 11 17h24.5m</b> A24_05141 1042 Amazone UCAC4 285-123825 Diam = 76.7 m = 12.4 m = 14.8</p>  <p>Dur = 6.1s Dmag = 2.6 Sun: 148° Moon: 163°</p>	<p><b>2024 may 11 21h 5.9m</b> A24_05123 746 Marlu Gaia 044-0197726 Diam = 75.5 m = 11.9 m = 14.0</p>  <p>Dur = 7.4s Dmag = 2.3 Sun: 147° Moon: 148°</p>	<p><b>2024 may 12 15h32.3m</b> A24_05082 454 Mathesis UCAC4 300-142022 Diam = 84.5 m = 12.4 m = 12.8</p>  <p>Dur = 15.0s Dmag = 1.0 Sun: 143° Moon: 158°</p>	<p><b>2024 may 12 15h50.5m</b> A24_05049 155 Scylla UCAC4 341-073826 Diam = 49.5 m = 11.8 m = 15.9</p>  <p>Dur = 3.2s Dmag = 4.1 Sun: 176° Moon: 123°</p>
<p><b>2024 may 12 15h55.7m</b> A24_05110 693 Zerinetta UCAC4 232-135823 Diam = 69.1 m = 10.5 m = 13.9</p>  <p>Dur = 8.3s Dmag = 3.5 Sun: 140° Moon: 153°</p>	<p><b>2024 may 12 19h58.2m</b> A24_05116 735 Marghanna UCAC4 261-159142 Diam = 77.0 m = 11.9 m = 13.5</p>  <p>Dur = 8.4s Dmag = 1.8 Sun: 138° Moon: 158°</p>	<p><b>2024 may 13 12h38.0m</b> A24_05076 401 Ottilia UCAC4 335-079576 Diam = 103.0 m = 12.5 m = 13.9</p>  <p>Dur = 7.8s Dmag = 1.6 Sun: 172° Moon: 119°</p>	<p><b>2024 may 13 19h 9.3m</b> A24_05122 746 Marlu UCAC4 218-122383 Diam = 75.5 m = 12.4 m = 14.0</p>  <p>Dur = 7.3s Dmag = 1.8 Sun: 149° Moon: 127°</p>

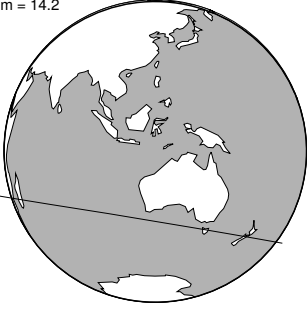
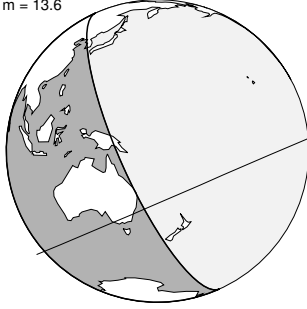
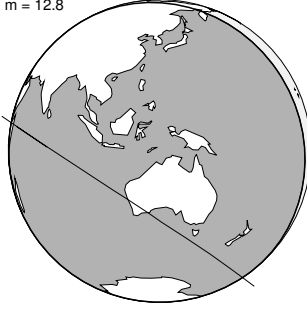
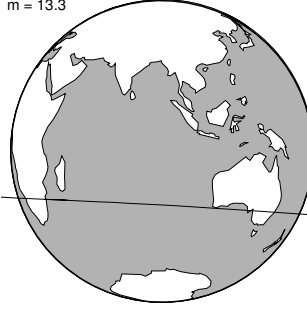
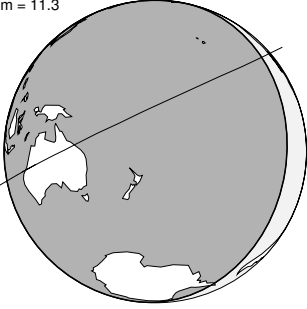
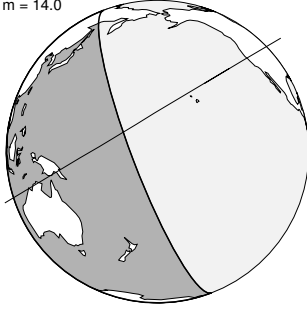
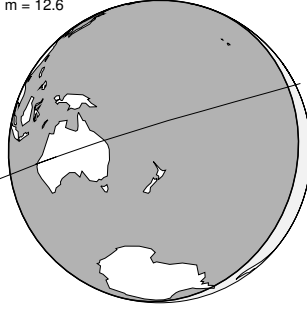
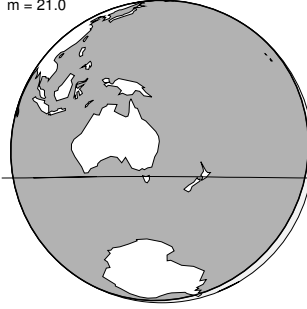
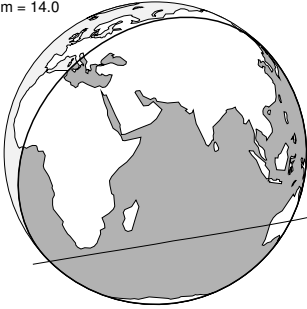
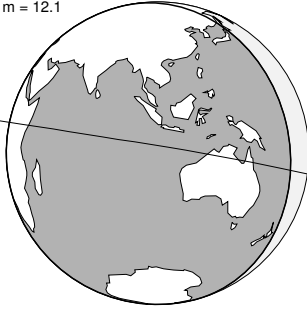
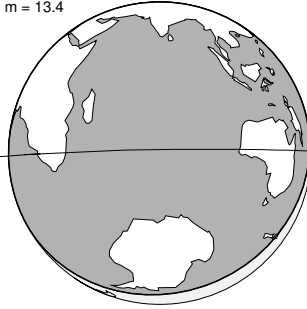
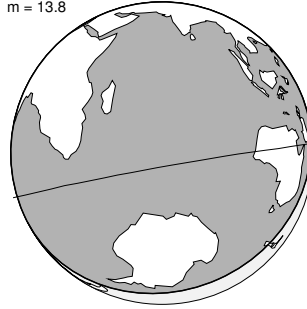
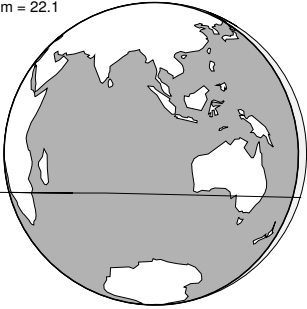

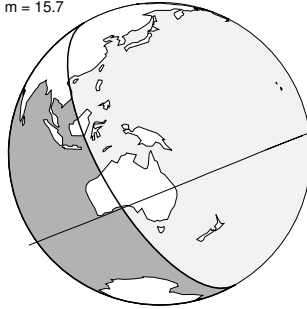
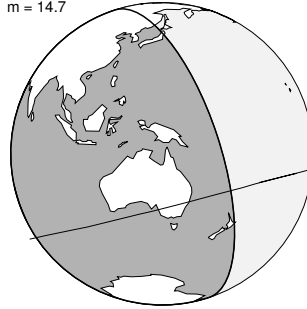
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 may 13 20h42.4m</b> A24_05024 68 Leto TYC 7393–00541–1 Diam = 127.0 m = 11.2</p>  <p>Dur = 24.5s Dmag = 0.5 Sun: 137° Moon: 150°</p>	<p><b>2024 may 14 10h27.7m</b> A24_05105 648 Pippa UCAC4 308–078093 Diam = 70.5 m = 12.2 m = 14.6</p>  <p>Dur = 5.1s Dmag = 2.5 Sun: 165° Moon: 95°</p>	<p><b>2024 may 14 16h12.3m</b> A24_05035 102 Miriam TYC 5749–01202–1 Diam = 86.0 m = 11.5 m = 13.6</p>  <p>Dur = 7.8s Dmag = 2.2 Sun: 109° Moon: 165°</p>	<p><b>2024 may 15 14h44.6m</b> A24_05030 74 Galatea UCAC4 394–124083 Diam = 123.0 m = 11.5 m = 13.4</p>  <p>Dur = 7.9s Dmag = 2.1 Sun: 98° Moon: 167°</p>
<p><b>2024 may 15 21h51.9m</b> A24_05149 1306 Scythia UCAC4 314–175084 Diam = 69.5 m = 10.8 m = 15.1</p>  <p>Dur = 8.1s Dmag = 4.3 Sun: 141° Moon: 124°</p>	<p><b>2024 may 17 16h28.5m</b> A24_05070 335 Roberta UCAC4 387–141096 Diam = 93.6 m = 11.9 m = 12.7</p>  <p>Dur = 7.6s Dmag = 1.2 Sun: 105° Moon: 140°</p>	<p><b>2024 may 18 11h26.9m</b> B24_05017 543435 2014GC54 UCAC4 364–071130 Diam = 162.9 m = 13.1 m = 21.9</p>  <p>Dur = 6.8s Dmag = 8.8 Sun: 176° Moon: 60°</p>	<p><b>2024 may 18 17h36.3m</b> B24_05021 2013KY18 UCAC4 328–140291 Diam = 182.0 m = 14.8 m = 21.6</p>  <p>Dur = 10.1s Dmag = 6.8 Sun: 143° Moon: 91°</p>
<p><b>2024 may 18 20h52.1m</b> A24_05096 528 Rezia UCAC4 303–109225 Diam = 86.2 m = 10.5 m = 14.3</p>  <p>Dur = 6.7s Dmag = 3.8 Sun: 159° Moon: 72°</p>	<p><b>2024 may 19 8h 8.7m</b> A24_05125 746 Marlu TYC 8316–01479–1 Diam = 75.5 m = 11.4 m = 13.9</p>  <p>Dur = 7.2s Dmag = 2.7 Sun: 151° Moon: 64°</p>	<p><b>2024 may 19 12h17.1m</b> A24_05090 479 Caprera TYC 1421–00113–1 Diam = 77.5 m = 11.5 m = 15.2</p>  <p>Dur = 6.2s Dmag = 3.7 Sun: 96° Moon: 38°</p>	<p><b>2024 may 19 19h18.4m</b> A24_05124 746 Marlu TYC 8316–00527–1 Diam = 75.5 m = 10.8 m = 13.9</p>  <p>Dur = 7.2s Dmag = 3.2 Sun: 152° Moon: 59°</p>
<p><b>2024 may 19 20h59.2m</b> B24_05011 119067 2001KP76 UCAC4 305–212532 Diam = 225.9 m = 14.3 m = 22.4</p>  <p>Dur = 11.6s Dmag = 8.1 Sun: 145° Moon: 76°</p>	<p><b>2024 may 20 11h36.7m</b> A24_05055 185 Eunike TYC 0955–00300–1 Diam = 165.0 m = 11.1 m = 12.3</p>  <p>Dur = 12.7s Dmag = 1.5 Sun: 145° Moon: 43°</p>	<p><b>2024 may 20 11h37.8m</b> A24_05047 151 Abundantia UCAC4 302–257401 Diam = 46.7 m = 12.2 m = 13.5</p>  <p>Dur = 10.5s Dmag = 1.6 Sun: 134° Moon: 81°</p>	<p><b>2024 may 20 14h22.6m</b> A24_05026 68 Leto UCAC4 297–183327 Diam = 127.0 m = 12.4 m = 11.0</p>  <p>Dur = 19.1s Dmag = 0.3 Sun: 144° Moon: 69°</p>

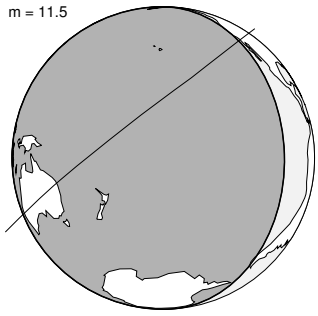
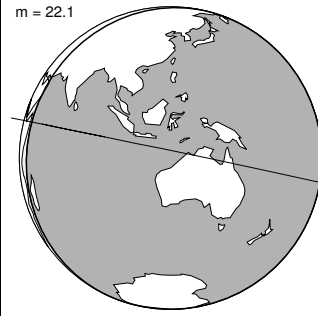
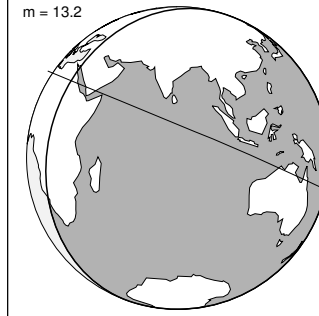
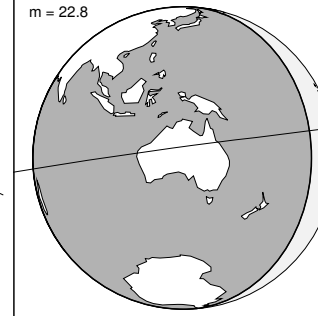
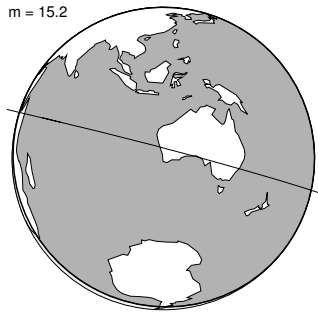
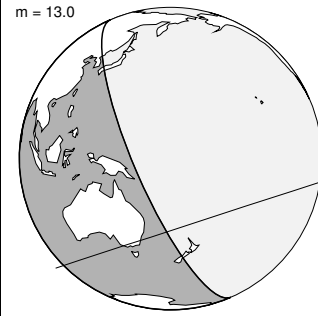
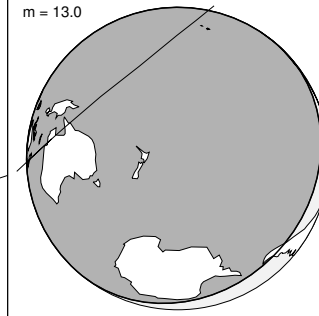
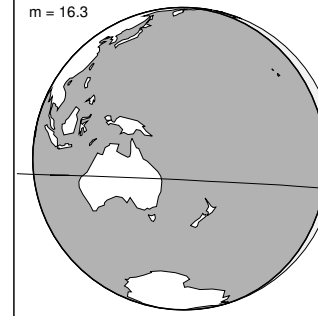
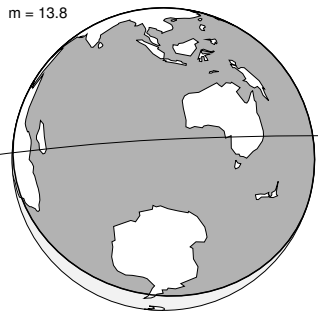
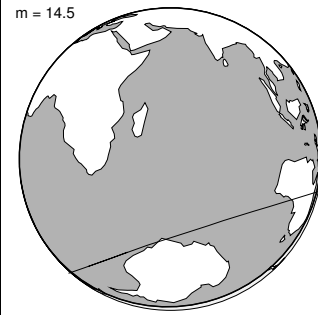
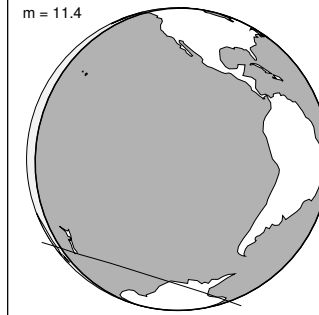
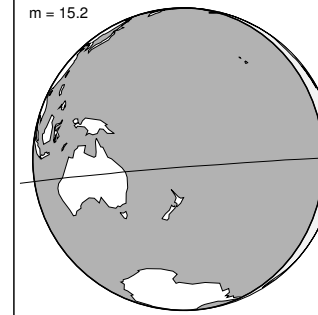
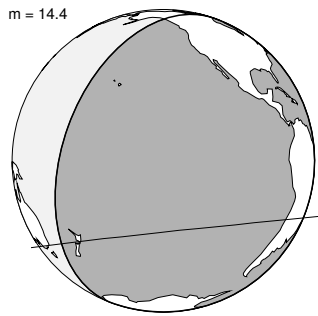
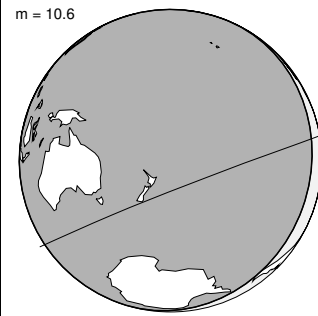
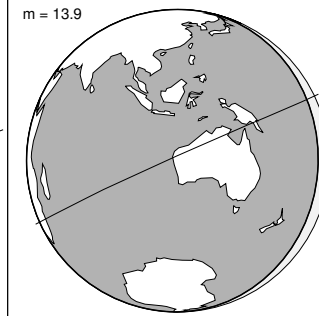
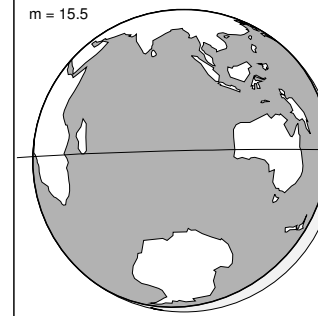
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 may 20 15h57.2m</b> A24_05107 655 Briseïs UCAC4 395-062120 Diam = 50.1 m = 12.3</p>  <p>Dur = 3.7s Dmag = 2.0 Sun: 170° Moon: 34°</p>	<p><b>2024 may 20 20h26.5m</b> A24_05033 94 Aurora TYC 5824-00137-1 Diam = 212.0 m = 13.6</p>  <p>Dur = 8.9s Dmag = 1.8 Sun: 75° Moon: 136°</p>	<p><b>2024 may 21 16h33.1m</b> A24_05104 631 Philippina UCAC4 402-066426 Diam = 75.9 m = 12.4</p>  <p>Dur = 5.7s Dmag = 1.0 Sun: 160° Moon: 40°</p>	<p><b>2024 may 21 18h 4.0m</b> A24_05095 521 Brixia UCAC4 380-074154 Diam = 103.0 m = 11.3</p>  <p>Dur = 6.5s Dmag = 2.1 Sun: 172° Moon: 25°</p>
<p><b>2024 may 22 13h44.1m</b> A24_05010 22 Kalliope UCAC4 306-178088 Diam = 187.0 m = 11.3</p>  <p>Dur = 16.8s Dmag = 0.3 Sun: 150° Moon: 41°</p>	<p><b>2024 may 22 18h 5.4m</b> A24_05048 153 Hilda TYC 5234-00319-1 Diam = 175.0 m = 14.0</p>  <p>Dur = 8.5s Dmag = 5.9 Sun: 80° Moon: 110°</p>	<p><b>2024 may 23 13h55.4m</b> A24_05084 454 Mathesis TYC 7377-00579-1 Diam = 84.5 m = 11.9</p>  <p>Dur = 10.7s Dmag = 1.1 Sun: 155° Moon: 24°</p>	<p><b>2024 may 24 14h41.0m</b> B24_05003 47932 2000GN171 UCAC4 291-119913 Diam = 231.2 m = 14.4</p>  <p>Dur = 10.3s Dmag = 6.6 Sun: 162° Moon: 5°</p>
<p><b>2024 may 24 18h22.3m</b> A24_05091 484 Pittsburghia TYC 0323-00830-1 Diam = 44.5 m = 10.4</p>  <p>Dur = 5.4s Dmag = 3.7 Sun: 142° Moon: 52°</p>	<p><b>2024 may 25 19h 2.4m</b> A24_05064 308 Polyxo UCAC4 367-117695 Diam = 148.0 m = 11.5</p>  <p>Dur = 19.7s Dmag = 1.1 Sun: 150° Moon: 12°</p>	<p><b>2024 may 25 19h24.9m</b> A24_05075 399 Persephone UCAC5 240-098591 Diam = 52.8 m = 12.5</p>  <p>Dur = 4.6s Dmag = 1.3 Sun: 157° Moon: 22°</p>	<p><b>2024 may 25 20h 2.4m</b> A24_05073 373 Melusina UCAC4 232-113799 Diam = 99.6 m = 13.8</p>  <p>Dur = 8.0s Dmag = 2.0 Sun: 155° Moon: 22°</p>
<p><b>2024 may 26 18h45.5m</b> B24_05016 523717 2014KY101 UCAC4 345-104976 Diam = 209.9 m = 22.1</p>  <p>Dur = 9.2s Dmag = 7.2 Sun: 161° Moon: 22°</p>	<p><b>2024 may 26 20h24.9m</b> B24_05020 2013JR65 UCAC4 358-086014 Diam = 109.6 m = 13.2</p>  <p>Dur = 4.6s Dmag = 10.5 Sun: 167° Moon: 30°</p>	<p><b>2024 may 26 22h19.9m</b> A24_05154 1390 Abastumani UCAC4 390-000426 Diam = 104.0 m = 11.8</p>  <p>Dur = 3.8s Dmag = 3.9 Sun: 66° Moon: 73°</p>	<p><b>2024 may 28 19h18.1m</b> A24_05062 301 Bavaria UCAC4 383-160599 Diam = 55.5 m = 14.7</p>  <p>Dur = 8.5s Dmag = 2.8 Sun: 112° Moon: 8°</p>

# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 may 29 12h55.2m</b> A24_05089 471 Papagena PPMX 12755688 Diam = 127.0 m = 12.5 m = 11.5</p>  <p>Dur = 13.6s Dmag = 0.4 Sun: 143° Moon: 38°</p>	<p><b>2024 may 29 14h41.9m</b> A24_05170 471152 2010FE49 TYC 6169-00706-1 Diam = 208.9 m = 10.4 m = 22.1</p>  <p>Dur = 9.3s Dmag = 11.7 Sun: 161° Moon: 94°</p>	<p><b>2024 may 29 16h22.3m</b> A24_05045 147 Protogeneia TYC 5574-00501-1 Diam = 137.0 m = 11.6 m = 13.2</p>  <p>Dur = 15.1s Dmag = 1.8 Sun: 149° Moon: 107°</p>	<p><b>2024 may 29 17h24.6m</b> B24_05012 119070 2001KP77 UCAC4 319-202978 Diam = 162.9 m = 14.9 m = 22.8</p>  <p>Dur = 8.4s Dmag = 7.9 Sun: 147° Moon: 45°</p>
<p><b>2024 may 30 15h44.4m</b> A24_05158 1639 Bower UCAC4 283-087593 Diam = 41.0 m = 12.4 m = 15.2</p>  <p>Dur = 3.1s Dmag = 2.9 Sun: 166° Moon: 93°</p>	<p><b>2024 may 30 20h 4.3m</b> A24_05020 45 Eugenia UCAC4 435-121135 Diam = 214.0 m = 11.9 m = 13.0</p>  <p>Dur = 9.1s Dmag = 1.4 Sun: 76° Moon: 13°</p>	<p><b>2024 may 31 12h29.8m</b> A24_05120 735 Marghanna TYC 7890-01882-1 Diam = 77.0 m = 10.1 m = 13.0</p>  <p>Dur = 6.9s Dmag = 3.0 Sun: 154° Moon: 82°</p>	<p><b>2024 may 31 14h33.1m</b> A24_05147 1295 Deflotte TYC 6259-02141-1 Diam = 52.0 m = 11.2 m = 16.3</p>  <p>Dur = 3.9s Dmag = 5.1 Sun: 159° Moon: 82°</p>
<p><b>2024 may 31 16h28.1m</b> A24_05126 746 Mariu TYC 8314-00285-1 Diam = 75.5 m = 11.2 m = 13.8</p>  <p>Dur = 7.3s Dmag = 2.7 Sun: 153° Moon: 102°</p>	<p><b>2024 may 31 20h23.7m</b> A24_05142 1042 Amazone UCAC4 277-100608 Diam = 76.7 m = 12.0 m = 14.5</p>  <p>Dur = 5.2s Dmag = 2.6 Sun: 166° Moon: 98°</p>	<p><b>2024 jun 1 6h15.5m</b> A24_06020 64 Angelina UCAC4 351-073469 Diam = 121.9 m = 11.6 m = 11.4</p>  <p>Dur = 12.2s Dmag = 0.7 Sun: 160° Moon: 130°</p>	<p><b>2024 jun 1 13h41.6m</b> A24_06070 383 Janina UCAC4 335-143439 Diam = 49.7 m = 12.4 m = 15.2</p>  <p>Dur = 4.0s Dmag = 2.9 Sun: 157° Moon: 92°</p>
<p><b>2024 jun 2 5h52.6m</b> A24_06132 796 Sarita UCAC4 395-055676 Diam = 46.7 m = 11.2 m = 14.4</p>  <p>Dur = 5.4s Dmag = 3.2 Sun: 132° Moon: 171°</p>	<p><b>2024 jun 2 13h 6.5m</b> A24_06022 68 Leto TYC 7392-01951-1 Diam = 127.0 m = 11.8 m = 10.6</p>  <p>Dur = 13.7s Dmag = 0.3 Sun: 158° Moon: 107°</p>	<p><b>2024 jun 2 17h50.0m</b> A24_06150 1032 Pafuri UCAC4 321-163306 Diam = 59.1 m = 12.4 m = 13.9</p>  <p>Dur = 6.6s Dmag = 1.7 Sun: 158° Moon: 108°</p>	<p><b>2024 jun 2 19h 4.3m</b> A24_06128 778 Theobalda UCAC4 258-150442 Diam = 67.3 m = 11.5 m = 15.5</p>  <p>Dur = 4.4s Dmag = 4.1 Sun: 157° Moon: 113°</p>

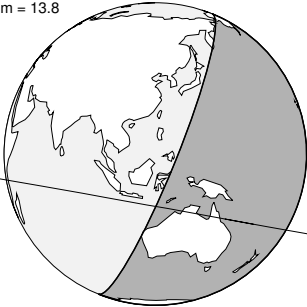
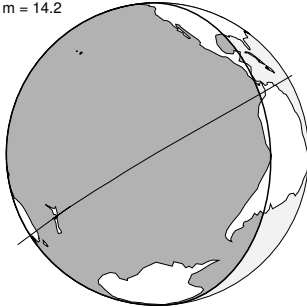
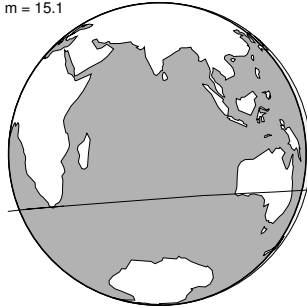
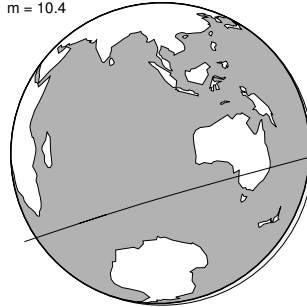
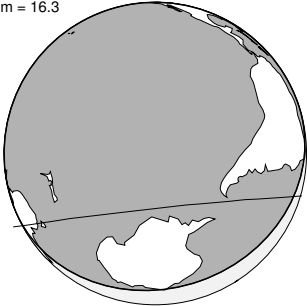
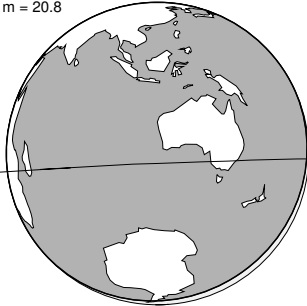
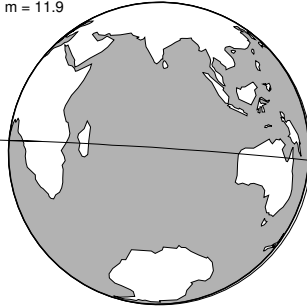
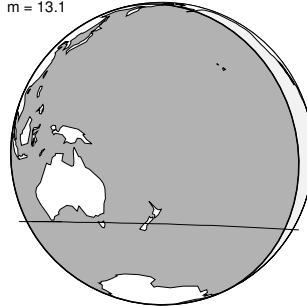
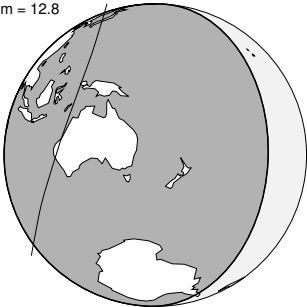

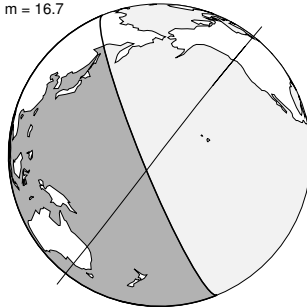
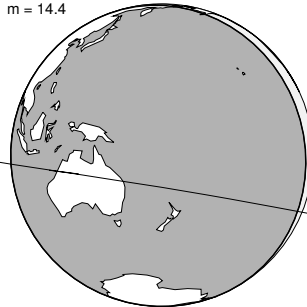
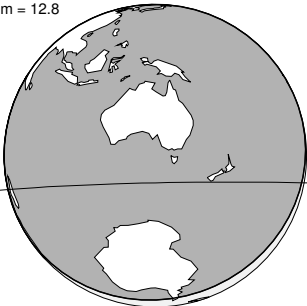
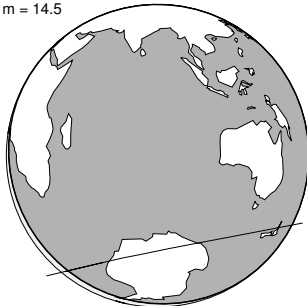
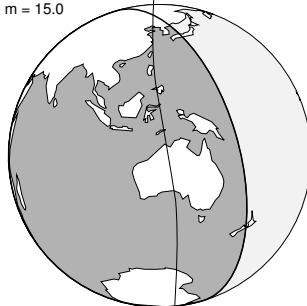

# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jun 3 12h40.3m</b> A24_06109 623 Chimaera UCAC4 262-171150 Diam = 46.0 m = 11.7 m = 15.0</p> <p>Dur = 4.4s Dmag = 3.4 Sun: 153° Moon: 117°</p>	<p><b>2024 jun 3 13h 7.1m</b> B24_06012 469442 2002GG166 UCAC4 299-150966 Diam = 94.2 m = 15.0 m = 20.1</p> <p>Dur = 5.0s Dmag = 5.2 Sun: 161° Moon: 124°</p>	<p><b>2024 jun 3 15h 4.8m</b> A24_06167 1202 Marina UCAC4 320-149022 Diam = 66.3 m = 12.1 m = 16.3</p> <p>Dur = 5.4s Dmag = 4.2 Sun: 160° Moon: 122°</p>	<p><b>2024 jun 3 16h37.1m</b> A24_06095 528 Rezia UCAC4 301-099269 Diam = 86.2 m = 11.3 m = 14.0</p> <p>Dur = 6.1s Dmag = 2.8 Sun: 172° Moon: 142°</p>
<p><b>2024 jun 3 18h38.3m</b> A24_06067 373 Melusina UCAC4 231-114957 Diam = 99.6 m = 12.4 m = 13.8</p> <p>Dur = 7.8s Dmag = 1.6 Sun: 158° Moon: 138°</p>	<p><b>2024 jun 4 8h35.7m</b> A24_06073 399 Persephone TYC 7862-00017-1 Diam = 52.8 m = 11.3 m = 13.4</p> <p>Dur = 4.4s Dmag = 2.2 Sun: 160° Moon: 148°</p>	<p><b>2024 jun 4 8h56.9m</b> A24_06137 891 Gunhild TYC 0887-00121-1 Diam = 53.6 m = 9.6 m = 15.0</p> <p>Dur = 7.4s Dmag = 5.4 Sun: 116° Moon: 141°</p>	<p><b>2024 jun 5 14h36.8m</b> A24_06173 1315 Bronislawa UCAC4 367-149475 Diam = 65.5 m = 12.3 m = 14.5</p> <p>Dur = 7.3s Dmag = 2.4 Sun: 151° Moon: 139°</p>
<p><b>2024 jun 5 15h35.8m</b> A24_06127 760 Massinga TYC 7422-00740-1 Diam = 74.8 m = 10.4 m = 12.8</p> <p>Dur = 7.4s Dmag = 2.5 Sun: 147° Moon: 138°</p>	<p><b>2024 jun 5 17h12.4m</b> A24_06025 68 Leto Gaia 059-0266303 Diam = 127.0 m = 12.3 m = 10.6</p> <p>Dur = 13.0s Dmag = 0.2 Sun: 161° Moon: 152°</p>	<p><b>2024 jun 5 18h 4.3m</b> A24_06185 1639 Bower UCAC4 285-085339 Diam = 41.0 m = 12.3 m = 15.3</p> <p>Dur = 3.2s Dmag = 3.1 Sun: 163° Moon: 171°</p>	<p><b>2024 jun 6 13h18.8m</b> A24_06016 42 Isis UCAC4 329-172794 Diam = 107.0 m = 11.5 m = 10.0</p> <p>Dur = 19.3s Dmag = 0.2 Sun: 154° Moon: 155°</p>
<p><b>2024 jun 6 18h13.0m</b> A24_06182 1351 Uzbekistania TYC 7406-01127-1 Diam = 67.1 m = 11.0 m = 14.7</p> <p>Dur = 5.5s Dmag = 3.8 Sun: 156° Moon: 161°</p>	<p><b>2024 jun 6 19h40.1m</b> A24_06083 454 Mathesis TYC 7375-00863-1 Diam = 84.5 m = 11.4 m = 12.3</p> <p>Dur = 8.8s Dmag = 1.3 Sun: 169° Moon: 175°</p>	<p><b>2024 jun 7 14h46.3m</b> B24_06002 88268 2001KK76 UCAC5 333-168959 Diam = 229.1 m = 14.9 m = 22.6</p> <p>Dur = 10.2s Dmag = 7.6 Sun: 158° Moon: 171°</p>	<p><b>2024 jun 7 15h33.8m</b> A24_06028 68 Leto UCAC4 290-158949 Diam = 127.0 m = 12.4 m = 10.5</p> <p>Dur = 12.6s Dmag = 0.2 Sun: 163° Moon: 176°</p>

# Occultations by major and minor planets – 2024

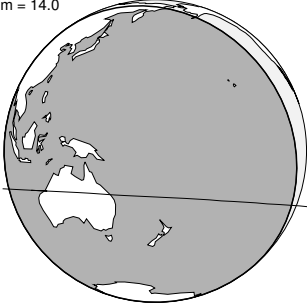
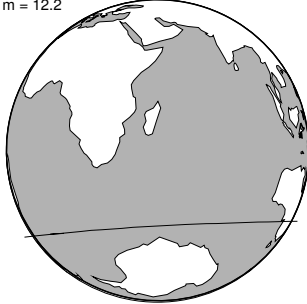
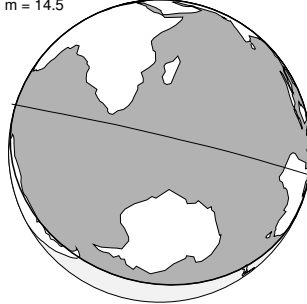
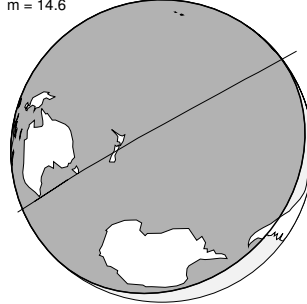
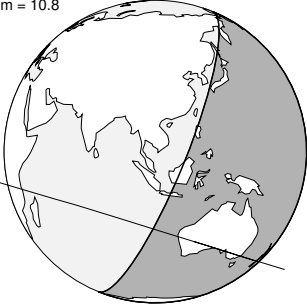
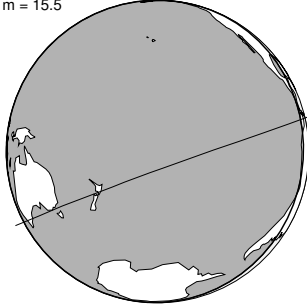
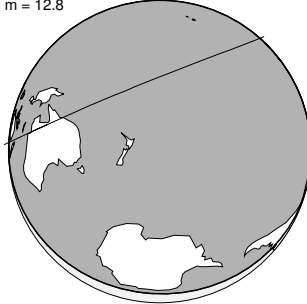
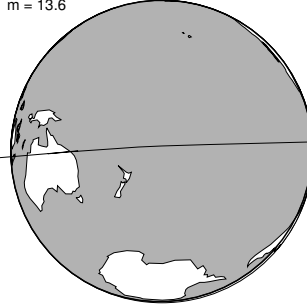
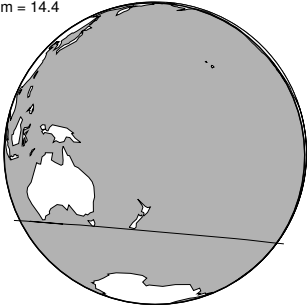
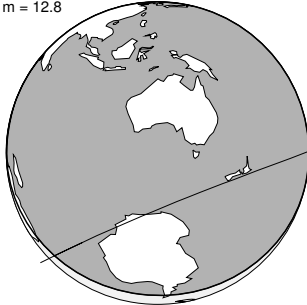
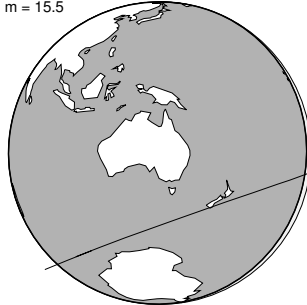
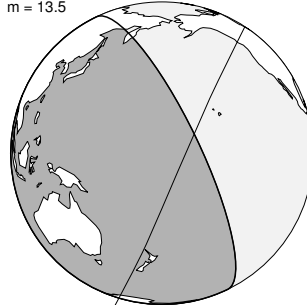
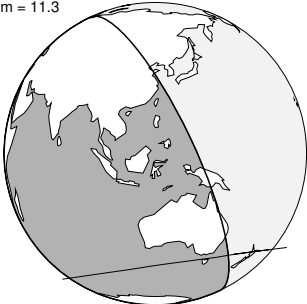
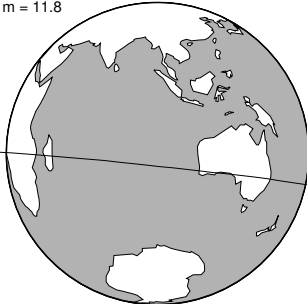
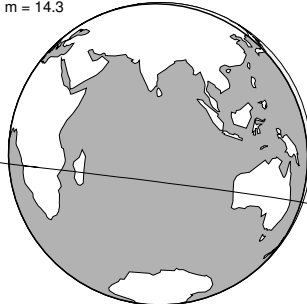
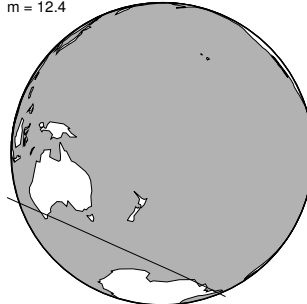
# Region 8

<p><b>2024 jun 8 9h41.2m</b> A24_06130 788 Hohensteina TYC 0846–00531–1 Diam = 109.0 m = 12.3 m = 13.8</p>  <p>Dur = 5.3s Dmag = 1.7 Sun: 81° Moon: 58°</p>	<p><b>2024 jun 8 11h15.4m</b> A24_06050 162 Laurentia UCAC4 311–256361 Diam = 105.0 m = 12.1 m = 14.2</p>  <p>Dur = 13.1s Dmag = 2.3 Sun: 138° Moon: 163°</p>	<p><b>2024 jun 8 19h47.0m</b> A24_06071 383 Janina UCAC4 335–138577 Diam = 49.7 m = 11.8 m = 15.1</p>  <p>Dur = 3.6s Dmag = 3.3 Sun: 165° Moon: 165°</p>	<p><b>2024 jun 9 18h11.3m</b> A24_06026 68 Leto UCAC4 290–155414 Diam = 127.0 m = 12.3 m = 10.4</p>  <p>Dur = 12.3s Dmag = 0.2 Sun: 165° Moon: 152°</p>
<p><b>2024 jun 10 8h37.3m</b> A24_06192 3012 Minsk TYC 8352–00907–1 Diam = 64.1 m = 10.5 m = 16.3</p>  <p>Dur = 4.7s Dmag = 5.8 Sun: 153° Moon: 138°</p>	<p><b>2024 jun 10 17h 3.2m</b> B24_06015 471155 2010GF65 UCAC4 268–133198 Diam = 145.9 m = 14.3 m = 20.8</p>  <p>Dur = 6.7s Dmag = 6.5 Sun: 164° Moon: 137°</p>	<p><b>2024 jun 10 19h26.3m</b> A24_06036 111 Ate UCAC4 309–142473 Diam = 139.0 m = 11.5 m = 11.9</p>  <p>Dur = 11.4s Dmag = 1.0 Sun: 169° Moon: 137°</p>	<p><b>2024 jun 11 13h55.4m</b> A24_06052 168 Sibylla UCAC4 369–163108 Diam = 154.0 m = 11.8 m = 13.1</p>  <p>Dur = 14.9s Dmag = 1.6 Sun: 153° Moon: 144°</p>
<p><b>2024 jun 11 16h21.0m</b> A24_06081 446 Aeternitas TYC 7463–00547–1 Diam = 43.0 m = 8.5 m = 12.8</p>  <p>Dur = 7.2s Dmag = 4.3 Sun: 138° Moon: 155°</p>	<p><b>2024 jun 12 8h53.3m</b> B24_06009 135571 2002GG32 UCAC4 274–115999 Diam = 155.6 m = 14.6 m = 22.7</p>  <p>Dur = 6.6s Dmag = 8.1 Sun: 166° Moon: 116°</p>	<p><b>2024 jun 12 17h46.5m</b> A24_06187 2241 Alcathous TYC 1175–00763–1 Diam = 123.0 m = 11.7 m = 16.7</p>  <p>Dur = 6.9s Dmag = 5.0 Sun: 83° Moon: 150°</p>	<p><b>2024 jun 13 14h 0.8m</b> A24_06177 1315 Bronislawa TYC 6280–00914–1 Diam = 65.5 m = 14.4 m = 10.4</p>  <p>Dur = 6.3s Dmag = 4.0 Sun: 160° Moon: 115°</p>
<p><b>2024 jun 13 15h22.0m</b> A24_06044 134 Sophrosyne UCAC4 246–147689 Diam = 107.0 m = 12.2 m = 12.8</p>  <p>Dur = 8.6s Dmag = 1.1 Sun: 161° Moon: 103°</p>	<p><b>2024 jun 13 17h31.4m</b> A24_06157 1042 Amazone UCAC4 273–094929 Diam = 76.7 m = 12.1 m = 14.5</p>  <p>Dur = 5.4s Dmag = 2.5 Sun: 164° Moon: 88°</p>	<p><b>2024 jun 13 19h51.8m</b> A24_06161 1118 Hanskya TYC 6366–00456–1 Diam = 80.7 m = 11.1 m = 15.0</p>  <p>Dur = 30.0s Dmag = 4.0 Sun: 121° Moon: 153°</p>	<p><b>2024 jun 13 20h36.0m</b> A24_06004 1 Ceres UCAC4 313–248015 Diam = 952.5 m = 12.5 m = 7.7</p>  <p>Dur = 89.9s Dmag = 0.0 Sun: 153° Moon: 120°</p>



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# Region 8

<p><b>2024 jun 14 14h 8.3m</b> A24_06103 589 Croatia UCAC4 413–115752 Diam = 92.5 m = 12.4 m = 14.0</p>  <p>Dur = 8.5s Dmag = 1.9 Sun: 153° Moon: 108°</p>	<p><b>2024 jun 14 20h31.9m</b> A24_06084 454 Mathesis TYC 7362–00419–1 Diam = 84.5 m = 11.0 m = 12.2</p>  <p>Dur = 8.7s Dmag = 1.6 Sun: 171° Moon: 81°</p>	<p><b>2024 jun 14 20h33.2m</b> A24_06105 605 Juvisia UCAC4 192–152950 Diam = 72.0 m = 10.0 m = 14.5</p>  <p>Dur = 5.8s Dmag = 4.5 Sun: 150° Moon: 80°</p>	<p><b>2024 jun 15 12h17.3m</b> A24_06139 907 Rhoda UCAC4 223–179946 Diam = 65.8 m = 12.0 m = 14.6</p>  <p>Dur = 4.7s Dmag = 2.7 Sun: 152° Moon: 92°</p>
<p><b>2024 jun 16 10h28.9m</b> A24_06007 3 Juno UCAC4 497–056015 Diam = 257.6 m = 12.0 m = 10.8</p>  <p>Dur = 11.8s Dmag = 0.3 Sun: 78° Moon: 36°</p>	<p><b>2024 jun 16 11h22.9m</b> A24_06190 2421 Nininger UCAC4 312–230581 Diam = 43.3 m = 11.4 m = 15.5</p>  <p>Dur = 3.5s Dmag = 4.1 Sun: 164° Moon: 80°</p>	<p><b>2024 jun 17 11h 8.5m</b> A24_06121 735 Marghanna UCAC4 234–132367 Diam = 77.0 m = 11.3 m = 12.8</p>  <p>Dur = 6.7s Dmag = 1.7 Sun: 160° Moon: 55°</p>	<p><b>2024 jun 17 11h38.5m</b> A24_06162 1135 Colchis UCAC4 297–173901 Diam = 51.5 m = 11.6 m = 13.6</p>  <p>Dur = 4.9s Dmag = 2.2 Sun: 169° Moon: 61°</p>
<p><b>2024 jun 17 12h37.0m</b> A24_06164 1167 Dubiago UCAC4 366–125504 Diam = 69.0 m = 10.9 m = 14.4</p>  <p>Dur = 5.8s Dmag = 3.6 Sun: 168° Moon: 64°</p>	<p><b>2024 jun 17 15h23.7m</b> A24_06120 735 Marghanna TYC 7896–01018–1 Diam = 77.0 m = 11.1 m = 12.8</p>  <p>Dur = 6.7s Dmag = 1.9 Sun: 159° Moon: 53°</p>	<p><b>2024 jun 17 15h40.6m</b> A24_06189 2421 Nininger TYC 6867–01426–1 Diam = 43.3 m = 9.1 m = 15.5</p>  <p>Dur = 3.5s Dmag = 6.4 Sun: 165° Moon: 66°</p>	<p><b>2024 jun 17 16h46.7m</b> A24_06074 405 Thia TYC 0570–00685–1 Diam = 129.0 m = 11.5 m = 13.5</p>  <p>Dur = 13.6s Dmag = 2.1 Sun: 104° Moon: 127°</p>
<p><b>2024 jun 17 20h47.3m</b> A24_06054 194 Prokne TYC 0570–01194–1 Diam = 174.0 m = 11.8 m = 11.3</p>  <p>Dur = 14.1s Dmag = 0.5 Sun: 104° Moon: 125°</p>	<p><b>2024 jun 18 17h35.2m</b> A24_06038 111 Ate UCAC4 310–133472 Diam = 139.0 m = 12.4 m = 11.8</p>  <p>Dur = 11.1s Dmag = 0.5 Sun: 175° Moon: 40°</p>	<p><b>2024 jun 18 19h30.7m</b> A24_06175 1315 Bronislawia UCAC4 369–145506 Diam = 65.5 m = 12.4 m = 14.3</p>  <p>Dur = 5.9s Dmag = 2.1 Sun: 165° Moon: 53°</p>	<p><b>2024 jun 19 11h17.8m</b> A24_06114 683 Lanzia HIP 85814 Diam = 116.0 m = 9.1 m = 12.4</p>  <p>Dur = 8.2s Dmag = 3.3 Sun: 174° Moon: 27°</p>

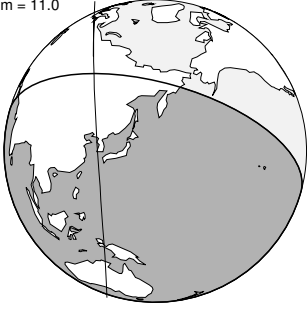
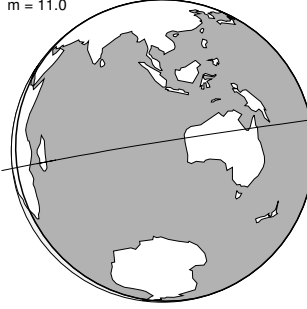
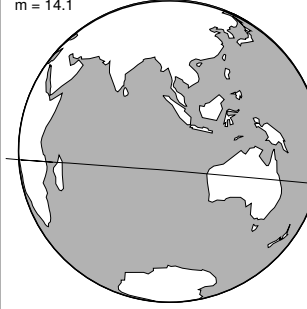
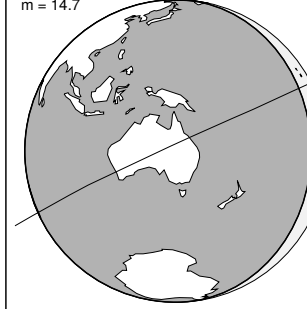
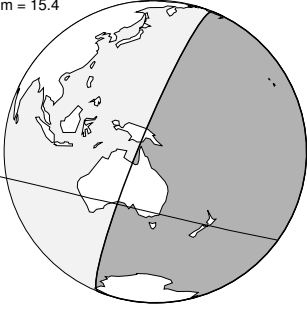
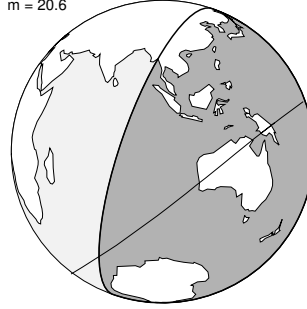
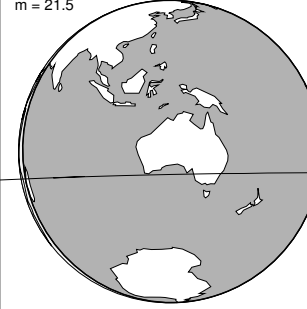
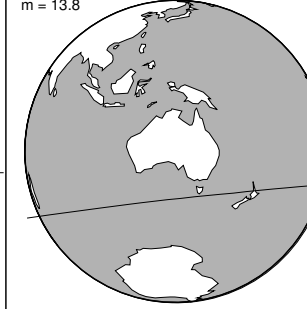
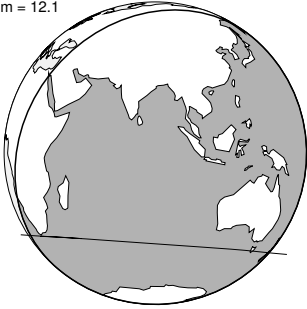
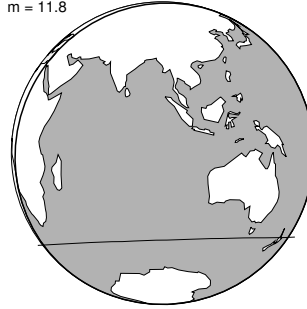
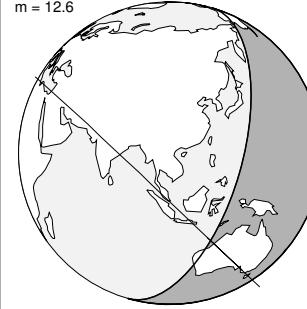
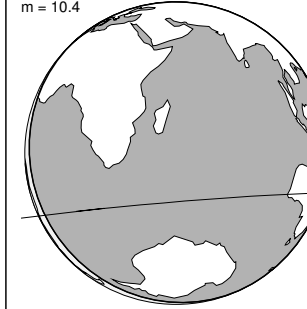
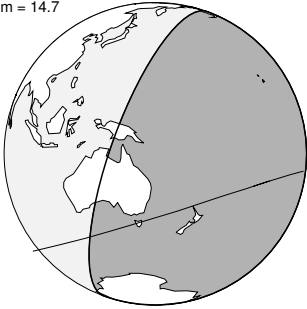
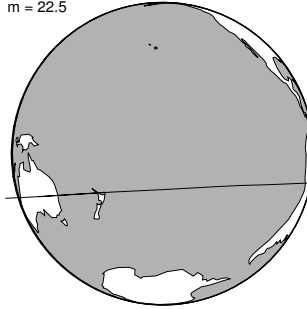
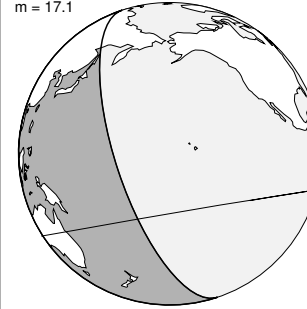
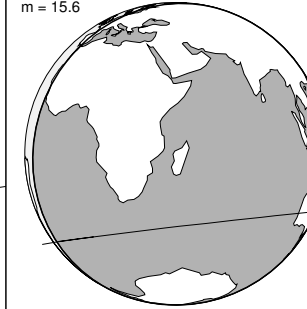
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jun 19 13h35.8m</b> A24_06163 1135 Colchis UCAC4 297-168906 Diam = 51.5 m = 12.1 m = 13.6</p> <p>Dur = 4.9s Dmag = 1.7 Sun: 171° Moon: 35°</p>	<p><b>2024 jun 19 16h 5.9m</b> B24_06003 95626 2002GZ32 UCAC5 339-165302 Diam = 152.8 m = 14.9 m = 19.9</p> <p>Dur = 7.6s Dmag = 4.9 Sun: 159° Moon: 49°</p>	<p><b>2024 jun 19 17h23.6m</b> A24_06096 528 Rezia UCAC4 300-095570 Diam = 86.2 m = 11.9 m = 14.3</p> <p>Dur = 6.8s Dmag = 2.5 Sun: 160° Moon: 12°</p>	<p><b>2024 jun 20 15h48.5m</b> A24_06129 778 Theobalda UCAC5 259-118349 Diam = 67.3 m = 12.5 m = 15.4</p> <p>Dur = 4.1s Dmag = 3.0 Sun: 164° Moon: 18°</p>
<p><b>2024 jun 20 17h45.3m</b> A24_06179 1315 Bronislawa UCAC4 370-146040 Diam = 65.5 m = 11.6 m = 14.2</p> <p>Dur = 5.8s Dmag = 2.7 Sun: 167° Moon: 29°</p>	<p><b>2024 jun 21 11h49.5m</b> A24_06047 134 Sophrosyne UCAC4 246-138801 Diam = 107.0 m = 11.7 m = 12.8</p> <p>Dur = 8.4s Dmag = 1.4 Sun: 162° Moon: 13°</p>	<p><b>2024 jun 21 12h36.5m</b> B24_06005 119067 2001KP76 UCAC4 305-202821 Diam = 225.9 m = 14.3 m = 22.3</p> <p>Dur = 9.2s Dmag = 8.0 Sun: 173° Moon: 9°</p>	<p><b>2024 jun 21 13h24.5m</b> A24_06170 1271 Isergina UCAC4 365-097697 Diam = 49.5 m = 12.1 m = 15.4</p> <p>Dur = 3.6s Dmag = 3.3 Sun: 171° Moon: 11°</p>
<p><b>2024 jun 21 17h35.4m</b> A24_06046 134 Sophrosyne TYC 7889-00585-1 Diam = 107.0 m = 8.7 m = 12.8</p> <p>Dur = 8.5s Dmag = 4.1 Sun: 162° Moon: 13°</p>	<p><b>2024 jun 22 9h14.5m</b> A24_06100 573 Recha UCAC4 304-076927 Diam = 50.5 m = 12.0 m = 14.8</p> <p>Dur = 7.5s Dmag = 2.9 Sun: 134° Moon: 48°</p>	<p><b>2024 jun 23 12h44.6m</b> A24_06069 373 Melusina UCAC4 234-104748 Diam = 99.6 m = 12.4 m = 13.9</p> <p>Dur = 9.0s Dmag = 1.7 Sun: 150° Moon: 42°</p>	<p><b>2024 jun 24 14h48.7m</b> B24_06011 306792 2001KQ77 UCAC4 381-131170 Diam = 158.5 m = 14.2 m = 22.4</p> <p>Dur = 6.7s Dmag = 8.2 Sun: 167° Moon: 28°</p>
<p><b>2024 jun 25 9h43.9m</b> A24_06193 3012 Minsk Gaia 042-0249458 Diam = 64.1 m = 11.6 m = 16.3</p> <p>Dur = 4.7s Dmag = 4.7 Sun: 153° Moon: 54°</p>	<p><b>2024 jun 25 10h26.7m</b> A24_06148 1021 Flammario TYC 0888-00160-1 Diam = 103.0 m = 10.5 m = 15.1</p> <p>Dur = 7.1s Dmag = 4.6 Sun: 91° Moon: 131°</p>	<p><b>2024 jun 25 15h 6.3m</b> A24_06122 735 Marghanna UCAC5 231-122840 Diam = 77.0 m = 12.5 m = 12.8</p> <p>Dur = 7.2s Dmag = 0.9 Sun: 156° Moon: 59°</p>	<p><b>2024 jun 26 18h22.9m</b> A24_06144 924 Toni UCAC5 389-096978 Diam = 87.6 m = 12.4 m = 13.4</p> <p>Dur = 7.6s Dmag = 1.4 Sun: 167° Moon: 56°</p>

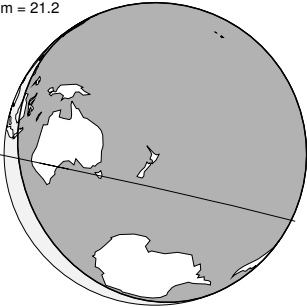
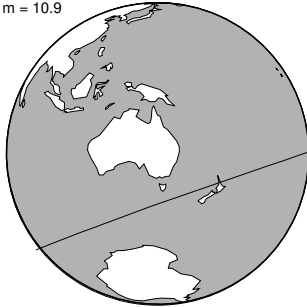
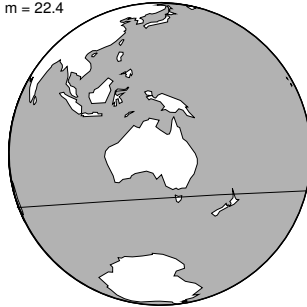
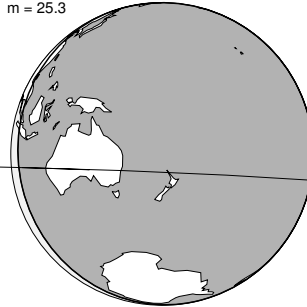
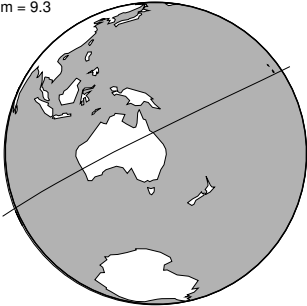
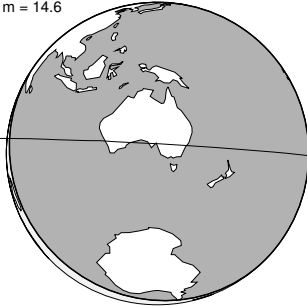
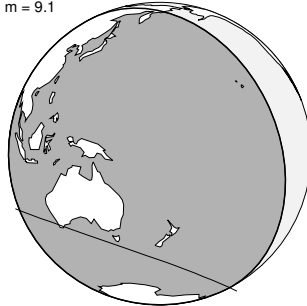
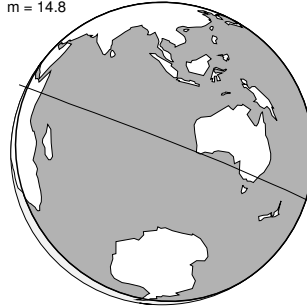
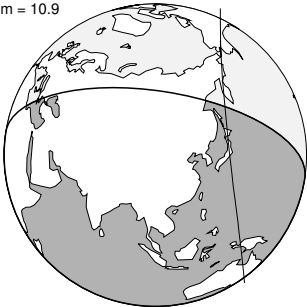
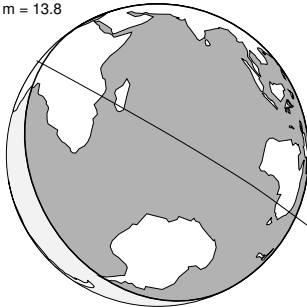
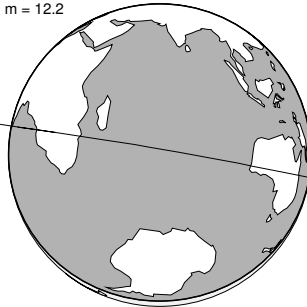
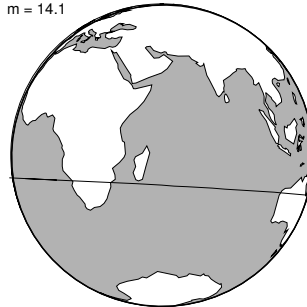
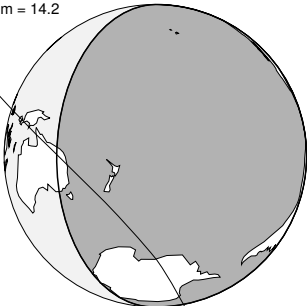
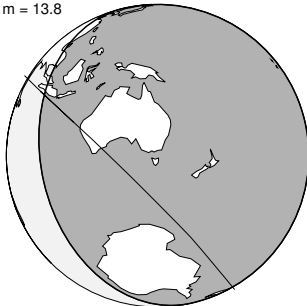
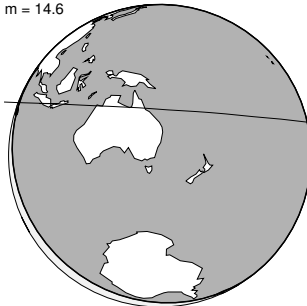
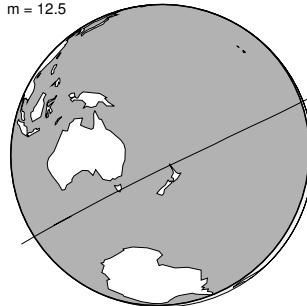
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jun 28 14h46.8m</b> A24_06155 1036 Ganymed UCAC4 642-070328 Diam = 41.0 m = 12.5 m = 11.0</p>  <p>Dur = 3.2s Dmag = 0.2 Sun: 116° Moon: 74°</p>	<p><b>2024 jun 28 16h 5.5m</b> A24_06013 22 Kalliope TYC 7375-00569-1 Diam = 187.0 m = 11.6 m = 11.0</p>  <p>Dur = 14.0s Dmag = 0.5 Sun: 164° Moon: 100°</p>	<p><b>2024 jun 28 17h36.2m</b> A24_06181 1315 Bronislaw UCAC4 370-139503 Diam = 65.5 m = 12.1 m = 14.1</p>  <p>Dur = 5.6s Dmag = 2.2 Sun: 172° Moon: 86°</p>	<p><b>2024 jun 29 16h27.8m</b> A24_06160 1071 Brita UCAC4 321-226540 Diam = 52.7 m = 12.2 m = 14.7</p>  <p>Dur = 5.1s Dmag = 2.7 Sun: 153° Moon: 74°</p>
<p><b>2024 jun 30 8h18.3m</b> A24_06060 297 Caecilia TYC 5534-00383-1 Diam = 45.8 m = 11.8 m = 15.4</p>  <p>Dur = 4.0s Dmag = 3.6 Sun: 96° Moon: 166°</p>	<p><b>2024 jun 30 12h 5.1m</b> A24_06198 543377 2014BF70 TYC 6119-00776-1 Diam = 52.5 m = 10.4 m = 20.6</p>  <p>Dur = 8.7s Dmag = 10.1 Sun: 106° Moon: 169°</p>	<p><b>2024 jun 30 14h34.3m</b> B24_06014 470593 2008LP17 UCAC4 316-117289 Diam = 206.1 m = 13.1 m = 21.5</p>  <p>Dur = 9.3s Dmag = 8.4 Sun: 166° Moon: 126°</p>	<p><b>2024 jun 30 15h33.0m</b> A24_06066 333 Badenia UCAC4 311-244800 Diam = 81.5 m = 12.2 m = 13.8</p>  <p>Dur = 6.7s Dmag = 1.8 Sun: 172° Moon: 107°</p>
<p><b>2024 jun 30 16h41.7m</b> A24_06056 219 Thusneida UCAC4 427-066676 Diam = 43.6 m = 11.4 m = 12.1</p>  <p>Dur = 6.0s Dmag = 1.2 Sun: 150° Moon: 133°</p>	<p><b>2024 jun 30 16h51.1m</b> A24_06064 308 Polyxo TYC 6248-01133-1 Diam = 148.0 m = 10.3 m = 11.8</p>  <p>Dur = 14.7s Dmag = 1.7 Sun: 165° Moon: 126°</p>	<p><b>2024 jul 1 9h33.7m</b> A24_07013 31 Euphrosyne TYC 1433-00802-1 Diam = 248.0 m = 9.4 m = 12.6</p>  <p>Dur = 7.4s Dmag = 3.2 Sun: 61° Moon: 117°</p>	<p><b>2024 jul 1 19h32.8m</b> A24_07030 68 Leto UCAC4 285-131220 Diam = 127.0 m = 10.7 m = 10.4</p>  <p>Dur = 12.6s Dmag = 0.6 Sun: 163° Moon: 141°</p>
<p><b>2024 jul 2 8h33.4m</b> A24_07075 322 Phaeo TYC 5551-00405-1 Diam = 73.8 m = 9.0 m = 14.7</p>  <p>Dur = 12.5s Dmag = 5.7 Sun: 106° Moon: 152°</p>	<p><b>2024 jul 2 9h46.2m</b> B24_07012 612351 2002GV32 UCAC4 326-137045 Diam = 138.7 m = 13.8 m = 22.5</p>  <p>Dur = 5.9s Dmag = 8.7 Sun: 173° Moon: 142°</p>	<p><b>2024 jul 2 18h11.6m</b> A24_07190 2363 Cebriones TYC 1209-01039-1 Diam = 91.7 m = 10.1 m = 17.1</p>  <p>Dur = 4.3s Dmag = 7.0 Sun: 68° Moon: 29°</p>	<p><b>2024 jul 2 19h42.0m</b> A24_07174 1271 Isergina UCAC4 364-089986 Diam = 49.5 m = 11.3 m = 15.6</p>  <p>Dur = 3.9s Dmag = 4.3 Sun: 160° Moon: 158°</p>

# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jul 3 10h31.2m</b> B24_07009 523682 2014CN23 UCAC4 262-108784 Diam = 69.5 m = 14.5 m = 21.2</p>  <p>Dur = 3.4s Dmag = 6.7 Sun: 152° Moon: 167°</p>	<p><b>2024 jul 3 14h15.9m</b> A24_07108 471 Papagena UCAC5 304-220829 Diam = 127.0 m = 12.5 m = 10.9</p>  <p>Dur = 8.8s Dmag = 0.2 Sun: 172° Moon: 154°</p>	<p><b>2024 jul 3 14h35.7m</b> B24_07001 119069 2001KN77 UCAC4 325-174283 Diam = 136.8 m = 14.0 m = 22.4</p>  <p>Dur = 5.8s Dmag = 8.4 Sun: 174° Moon: 156°</p>	<p><b>2024 jul 4 11h25.9m</b> A24_07200 2009KO30 PPMX 12661208 Diam = 79.4 m = 12.2 m = 25.3</p>  <p>Dur = 3.3s Dmag = 13.1 Sun: 161° Moon: 179°</p>
<p><b>2024 jul 4 13h38.7m</b> A24_07017 42 Isis UCAC4 311-210961 Diam = 107.0 m = 12.3 m = 9.3</p>  <p>Dur = 14.3s Dmag = 0.1 Sun: 171° Moon: 170°</p>	<p><b>2024 jul 4 14h 1.0m</b> A24_07181 1351 Uzbekistania PPMX 13692611 Diam = 67.1 m = 12.2 m = 14.6</p>  <p>Dur = 5.1s Dmag = 2.5 Sun: 162° Moon: 170°</p>	<p><b>2024 jul 4 15h16.4m</b> A24_07005 7 Iris TYC 5773-00517-1 Diam = 329.6 m = 10.1 m = 9.1</p>  <p>Dur = 71.6s Dmag = 0.4 Sun: 141° Moon: 125°</p>	<p><b>2024 jul 4 16h22.3m</b> A24_07124 623 Chimaera TYC 7390-02014-1 Diam = 46.0 m = 9.7 m = 14.8</p>  <p>Dur = 3.6s Dmag = 5.2 Sun: 160° Moon: 172°</p>
<p><b>2024 jul 4 17h52.3m</b> A24_07160 1036 Ganymed UCAC4 658-075428 Diam = 41.0 m = 12.5 m = 10.9</p>  <p>Dur = 3.6s Dmag = 0.2 Sun: 115° Moon: 106°</p>	<p><b>2024 jul 4 17h54.9m</b> A24_07130 693 Zerbinetta TYC 7880-00443-1 Diam = 69.1 m = 9.6 m = 13.8</p>  <p>Dur = 7.3s Dmag = 4.2 Sun: 146° Moon: 161°</p>	<p><b>2024 jul 4 19h25.7m</b> A24_07041 96 Aegle TYC 7916-00121-1 Diam = 174.0 m = 10.7 m = 12.2</p>  <p>Dur = 12.6s Dmag = 1.8 Sun: 164° Moon: 164°</p>	<p><b>2024 jul 4 19h57.8m</b> A24_07175 1315 Bronislawa UCAC4 371-132117 Diam = 65.5 m = 12.0 m = 14.1</p>  <p>Dur = 5.7s Dmag = 2.3 Sun: 170° Moon: 165°</p>
<p><b>2024 jul 5 7h20.4m</b> A24_07114 546 Herodias TYC 7320-00782-1 Diam = 69.7 m = 10.1 m = 14.2</p>  <p>Dur = 19.3s Dmag = 4.2 Sun: 130° Moon: 140°</p>	<p><b>2024 jul 5 11h25.0m</b> A24_07093 399 Persephone UCAC4 251-087877 Diam = 52.8 m = 11.9 m = 13.8</p>  <p>Dur = 6.5s Dmag = 2.0 Sun: 140° Moon: 148°</p>	<p><b>2024 jul 5 13h 1.5m</b> A24_07183 1351 Uzbekistania TYC 7403-05917-1 Diam = 67.1 m = 12.5 m = 14.6</p>  <p>Dur = 5.1s Dmag = 2.3 Sun: 161° Moon: 169°</p>	<p><b>2024 jul 5 13h43.6m</b> A24_07053 145 Adeona TYC 7439-00195-1 Diam = 155.0 m = 10.9 m = 12.5</p>  <p>Dur = 11.2s Dmag = 1.8 Sun: 164° Moon: 163°</p>

# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jul 5 18h47.6m</b> A24_07020 42 Isis UCAC4 311-208530 Diam = 107.0 m = 12.5 m = 9.4</p> <p>Dur = 14.4s Dmag = 0.1 Sun: 170° Moon: 173°</p>	<p><b>2024 jul 5 20h 3.1m</b> A24_07002 1 Ceres TYC 6885-00151-1 Diam = 952.5 m = 9.3 m = 7.3</p> <p>Dur = 74.2s Dmag = 0.2 Sun: 173° Moon: 178°</p>	<p><b>2024 jul 6 15h20.7m</b> A24_07169 1135 Colchis UCAC4 298-141687 Diam = 51.5 m = 12.0 m = 13.8</p> <p>Dur = 5.2s Dmag = 2.0 Sun: 162° Moon: 156°</p>	<p><b>2024 jul 6 17h11.2m</b> A24_07177 1315 Bronislawa UCAC5 371-124288 Diam = 65.5 m = 12.5 m = 14.2</p> <p>Dur = 5.8s Dmag = 1.9 Sun: 169° Moon: 159°</p>
<p><b>2024 jul 7 10h 0.3m</b> A24_07186 1578 Kirkwood UCAC4 366-067063 Diam = 57.0 m = 11.8 m = 17.4</p> <p>Dur = 15.8s Dmag = 5.7 Sun: 122° Moon: 105°</p>	<p><b>2024 jul 7 10h56.4m</b> A24_07192 3139 Shantou UCAC4 409-079625 Diam = 45.6 m = 11.8 m = 15.3</p> <p>Dur = 3.2s Dmag = 3.5 Sun: 163° Moon: 149°</p>	<p><b>2024 jul 7 13h57.3m</b> A24_07139 746 Mariu UCAC4 224-095649 Diam = 75.5 m = 11.7 m = 14.2</p> <p>Dur = 13.8s Dmag = 2.6 Sun: 131° Moon: 117°</p>	<p><b>2024 jul 7 14h31.2m</b> A24_07066 268 Adorea UCAC4 378-172032 Diam = 142.0 m = 11.5 m = 13.4</p> <p>Dur = 17.1s Dmag = 2.1 Sun: 142° Moon: 162°</p>
<p><b>2024 jul 8 14h26.0m</b> A24_07078 333 Badenia UCAC4 311-242378 Diam = 81.5 m = 12.3 m = 13.7</p> <p>Dur = 6.6s Dmag = 1.7 Sun: 173° Moon: 146°</p>	<p><b>2024 jul 8 17h 6.4m</b> A24_07032 68 Leto TYC 7380-00925-1 Diam = 127.0 m = 11.5 m = 10.5</p> <p>Dur = 14.1s Dmag = 0.4 Sun: 156° Moon: 126°</p>	<p><b>2024 jul 9 10h 7.9m</b> A24_07109 471 Papagena UCAC4 301-237292 Diam = 127.0 m = 12.2 m = 11.0</p> <p>Dur = 9.1s Dmag = 0.3 Sun: 167° Moon: 129°</p>	<p><b>2024 jul 9 13h35.4m</b> A24_07094 404 Arsinoë TYC 0304-00686-1 Diam = 101.0 m = 11.2 m = 13.3</p> <p>Dur = 4.3s Dmag = 2.2 Sun: 85° Moon: 44°</p>
<p><b>2024 jul 9 18h46.8m</b> A24_07012 22 Kalliope TYC 7362-00253-1 Diam = 187.0 m = 10.9 m = 11.2</p> <p>Dur = 16.7s Dmag = 0.9 Sun: 152° Moon: 110°</p>	<p><b>2024 jul 10 13h56.1m</b> A24_07176 1315 Bronislawa UCAC4 371-128083 Diam = 65.5 m = 12.4 m = 14.3</p> <p>Dur = 6.0s Dmag = 2.0 Sun: 165° Moon: 114°</p>	<p><b>2024 jul 10 13h58.4m</b> A24_07022 42 Isis UCAC4 308-213087 Diam = 107.0 m = 12.0 m = 9.5</p> <p>Dur = 15.4s Dmag = 0.1 Sun: 164° Moon: 112°</p>	<p><b>2024 jul 11 11h20.0m</b> A24_07089 386 Siegena TYC 0483-00451-1 Diam = 173.0 m = 9.0 m = 11.7</p> <p>Dur = 14.5s Dmag = 2.8 Sun: 153° Moon: 121°</p>

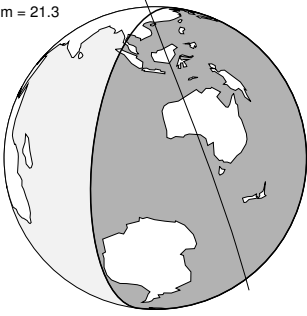
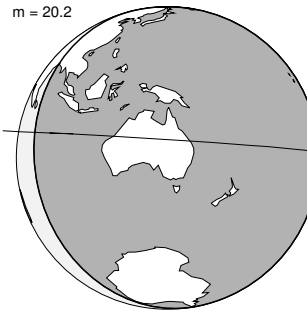
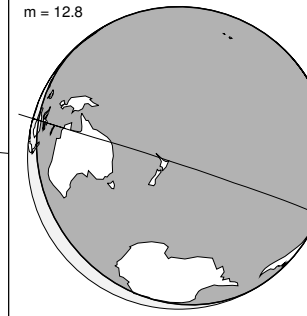
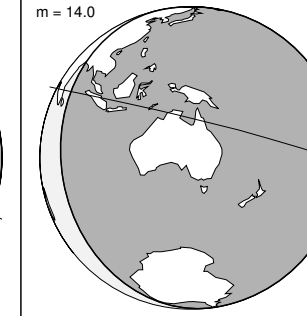
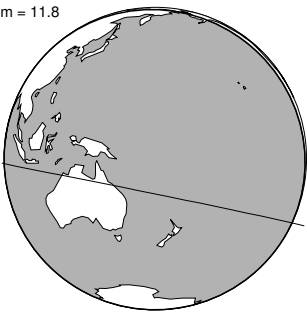
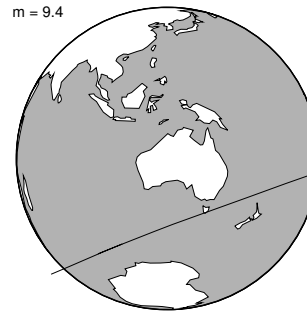
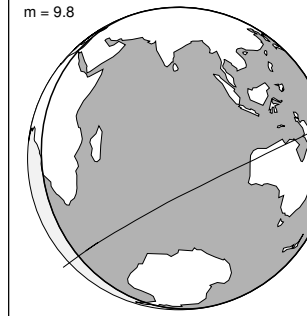
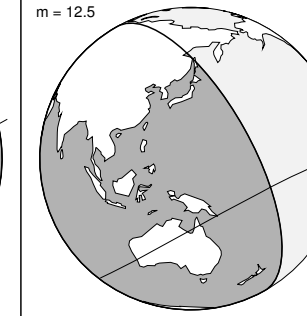
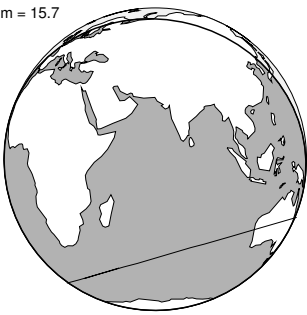
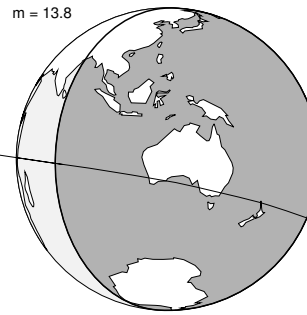
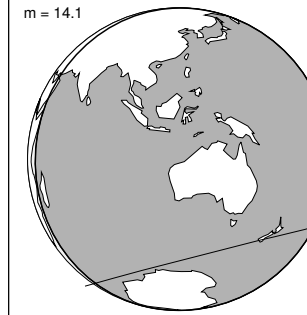
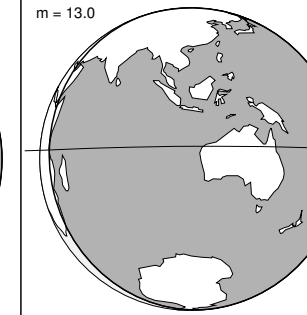
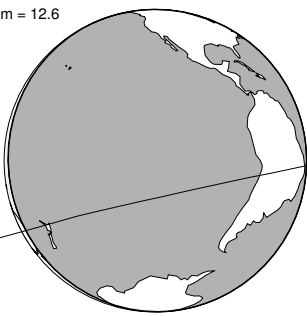
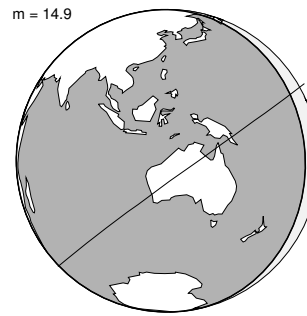
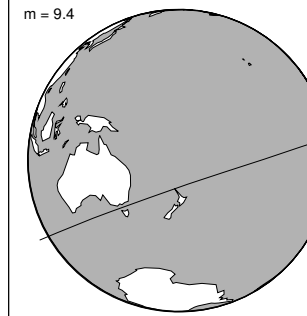
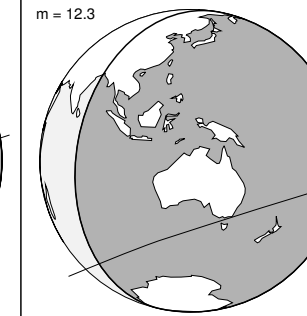
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jul 11 12h41.8m</b> A24_07086 337 Devosa TYC 6382–01242–1 Diam = 63.2 m = 10.9 m = 12.8</p> <p>Dur = 9.0s Dmag = 2.1 Sun: 144° Moon: 150°</p>	<p><b>2024 jul 11 14h31.4m</b> A24_07054 145 Adeona UCAC4 290–215721 Diam = 155.0 m = 11.6 m = 12.5</p> <p>Dur = 11.0s Dmag = 1.3 Sun: 168° Moon: 119°</p>	<p><b>2024 jul 12 6h 8.2m</b> A24_07158 1032 Pafuri TYC 6840–00721–1 Diam = 59.1 m = 8.8 m = 13.9</p> <p>Dur = 7.2s Dmag = 5.1 Sun: 156° Moon: 85°</p>	<p><b>2024 jul 12 10h 3.7m</b> A24_07021 42 Isis UCAC4 307–207844 Diam = 107.0 m = 12.4 m = 9.6</p> <p>Dur = 16.0s Dmag = 0.1 Sun: 162° Moon: 90°</p>
<p><b>2024 jul 12 13h46.8m</b> A24_07148 868 Lova UCAC4 408–060444 Diam = 54.7 m = 12.1 m = 15.7</p> <p>Dur = 7.9s Dmag = 3.7 Sun: 107° Moon: 33°</p>	<p><b>2024 jul 12 14h11.5m</b> A24_07055 145 Adeona UCAC4 290–215620 Diam = 155.0 m = 11.2 m = 12.5</p> <p>Dur = 11.0s Dmag = 1.5 Sun: 168° Moon: 107°</p>	<p><b>2024 jul 13 9h10.9m</b> A24_07080 335 Roberta UCAC4 389–133849 Diam = 93.6 m = 11.8 m = 11.4</p> <p>Dur = 17.8s Dmag = 0.6 Sun: 155° Moon: 120°</p>	<p><b>2024 jul 13 12h25.0m</b> A24_07049 134 Sophrosyne UCAC4 252–113867 Diam = 107.0 m = 12.1 m = 13.0</p> <p>Dur = 10.4s Dmag = 1.3 Sun: 147° Moon: 67°</p>
<p><b>2024 jul 13 15h42.0m</b> A24_07088 383 Janina Gaia 067–0189826 Diam = 49.7 m = 12.0 m = 15.2</p> <p>Dur = 4.1s Dmag = 3.3 Sun: 154° Moon: 68°</p>	<p><b>2024 jul 13 19h40.3m</b> A24_07036 73 Klytia UCAC4 317–207260 Diam = 45.0 m = 11.6 m = 12.8</p> <p>Dur = 4.1s Dmag = 1.5 Sun: 167° Moon: 80°</p>	<p><b>2024 jul 14 10h42.9m</b> B24_07002 119069 2001KN77 UCAC5 325–157622 Diam = 136.8 m = 14.9 m = 22.5</p> <p>Dur = 6.1s Dmag = 7.5 Sun: 164° Moon: 69°</p>	<p><b>2024 jul 15 12h47.9m</b> A24_07033 68 Leto UCAC4 285–126864 Diam = 127.0 m = 12.4 m = 10.7</p> <p>Dur = 17.0s Dmag = 0.2 Sun: 149° Moon: 43°</p>
<p><b>2024 jul 15 14h21.2m</b> A24_07090 386 Siegena UCAC4 467–108486 Diam = 173.0 m = 10.5 m = 11.7</p> <p>Dur = 14.0s Dmag = 1.5 Sun: 155° Moon: 78°</p>	<p><b>2024 jul 15 18h 8.1m</b> A24_07138 739 Mandeville TYC 4695–00836–1 Diam = 110.0 m = 12.0 m = 14.3</p> <p>Dur = 5.6s Dmag = 2.5 Sun: 86° Moon: 154°</p>	<p><b>2024 jul 16 14h36.5m</b> A24_07092 398 Admete UCAC4 352–168408 Diam = 50.0 m = 12.2 m = 14.8</p> <p>Dur = 3.4s Dmag = 2.7 Sun: 173° Moon: 54°</p>	<p><b>2024 jul 17 13h46.8m</b> A24_07184 1351 Uzbekistania UCAC4 267–130940 Diam = 67.1 m = 12.3 m = 14.8</p> <p>Dur = 6.1s Dmag = 2.6 Sun: 150° Moon: 24°</p>

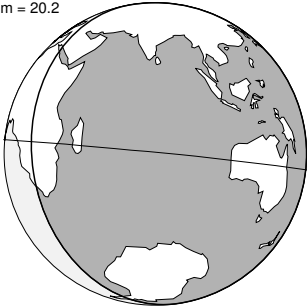

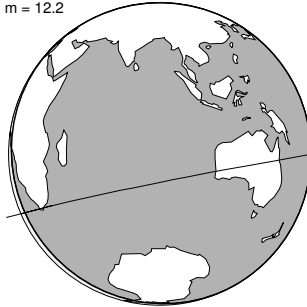
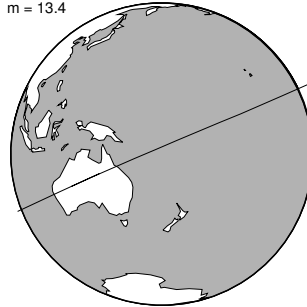
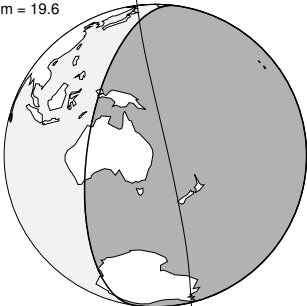
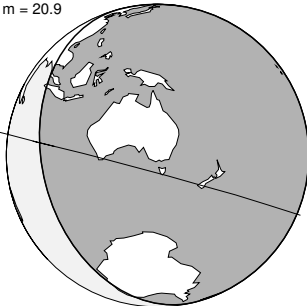
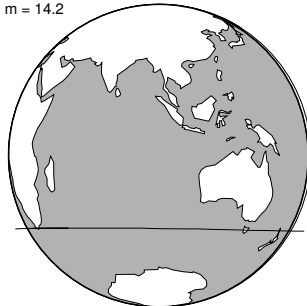
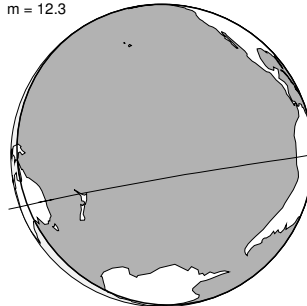
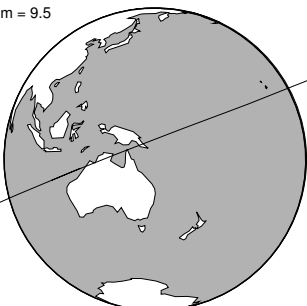
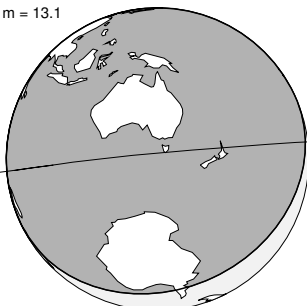
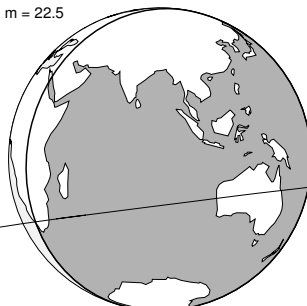
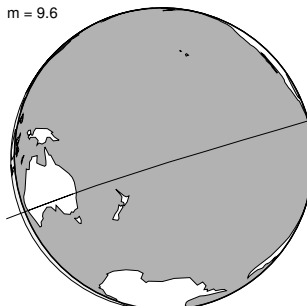
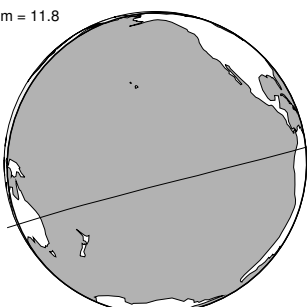
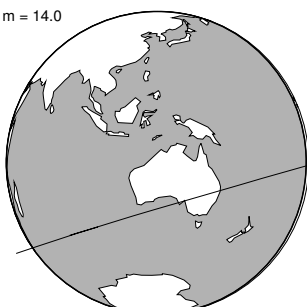
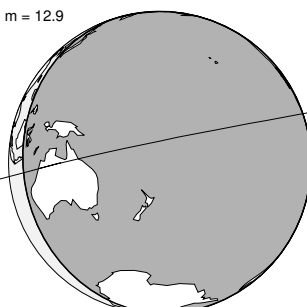
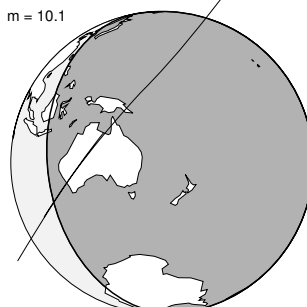
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 jul 18 11h42.5m</b> B24_07018 2010FX86 UCAC4 238-077714 Diam = 512.9 m = 14.7 m = 21.3</p>  <p>Dur = 35.5s Dmag = 6.6 Sun: 114° Moon: 31°</p>	<p><b>2024 jul 18 12h38.1m</b> B24_07006 469442 2002GG166 Gaia 060-0230433 Diam = 94.2 m = 15.0 m = 20.2</p>  <p>Dur = 5.6s Dmag = 5.2 Sun: 151° Moon: 10°</p>	<p><b>2024 jul 19 10h28.4m</b> A24_07144 760 Massinga TYC 7406-02390-1 Diam = 74.8 m = 9.0 m = 12.8</p>  <p>Dur = 6.1s Dmag = 3.9 Sun: 155° Moon: 10°</p>	<p><b>2024 jul 19 12h35.5m</b> A24_07170 1135 Colchis HIP 86883 Diam = 51.5 m = 8.6 m = 14.0</p>  <p>Dur = 7.0s Dmag = 5.4 Sun: 149° Moon: 6°</p>
<p><b>2024 jul 19 13h37.8m</b> A24_07134 702 Alauda TYC 5758-01501-1 Diam = 202.0 m = 11.6 m = 11.8</p>  <p>Dur = 14.0s Dmag = 0.8 Sun: 167° Moon: 37°</p>	<p><b>2024 jul 19 15h50.6m</b> A24_07015 40 Harmonia UCAC4 333-215669 Diam = 111.0 m = 11.5 m = 9.4</p>  <p>Dur = 12.0s Dmag = 0.1 Sun: 176° Moon: 25°</p>	<p><b>2024 jul 19 16h52.2m</b> A24_07024 42 Isis UCAC5 304-174389 Diam = 107.0 m = 12.4 m = 9.8</p>  <p>Dur = 19.5s Dmag = 0.1 Sun: 154° Moon: 2°</p>	<p><b>2024 jul 19 18h39.6m</b> A24_07050 137 Meliboea UCAC4 510-149453 Diam = 150.0 m = 12.3 m = 12.5</p>  <p>Dur = 27.0s Dmag = 0.9 Sun: 113° Moon: 88°</p>
<p><b>2024 jul 19 20h 2.5m</b> A24_07189 2356 Hirons UCAC4 457-109600 Diam = 49.2 m = 12.3 m = 15.7</p>  <p>Dur = 3.9s Dmag = 3.5 Sun: 157° Moon: 40°</p>	<p><b>2024 jul 21 12h47.2m</b> A24_07101 435 Ella UCAC4 323-097625 Diam = 43.0 m = 12.3 m = 13.8</p>  <p>Dur = 11.4s Dmag = 1.8 Sun: 137° Moon: 43°</p>	<p><b>2024 jul 21 14h56.9m</b> A24_07100 415 Palatia UCAC4 356-162826 Diam = 80.1 m = 10.9 m = 14.1</p>  <p>Dur = 5.7s Dmag = 3.2 Sun: 161° Moon: 22°</p>	<p><b>2024 jul 21 15h20.3m</b> A24_07037 73 Klytia UCAC4 317-202042 Diam = 45.0 m = 12.4 m = 13.0</p>  <p>Dur = 4.5s Dmag = 1.1 Sun: 159° Moon: 23°</p>
<p><b>2024 jul 24 7h 4.0m</b> A24_07064 261 Prymno Gaia 066-0289706 Diam = 52.6 m = 12.3 m = 12.6</p>  <p>Dur = 5.3s Dmag = 0.9 Sun: 166° Moon: 53°</p>	<p><b>2024 jul 24 17h40.1m</b> A24_07099 414 Lirioppe UCAC4 356-200823 Diam = 75.2 m = 12.1 m = 14.9</p>  <p>Dur = 6.3s Dmag = 2.9 Sun: 155° Moon: 22°</p>	<p><b>2024 jul 25 12h10.0m</b> A24_07016 40 Harmonia TYC 6892-01324-1 Diam = 111.0 m = 11.6 m = 9.4</p>  <p>Dur = 12.1s Dmag = 0.1 Sun: 173° Moon: 60°</p>	<p><b>2024 jul 25 12h36.7m</b> A24_07074 308 Polyxo UCAC4 366-090188 Diam = 148.0 m = 11.2 m = 12.3</p>  <p>Dur = 32.2s Dmag = 1.5 Sun: 139° Moon: 96°</p>

# Occultations by major and minor planets – 2024

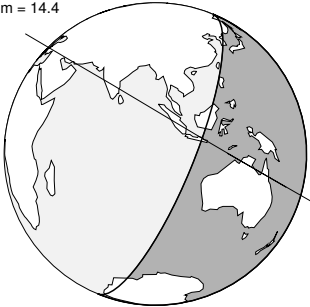
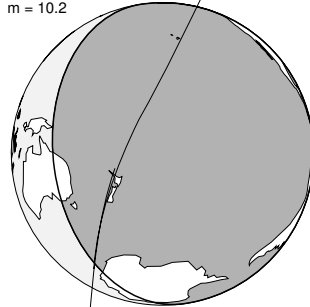
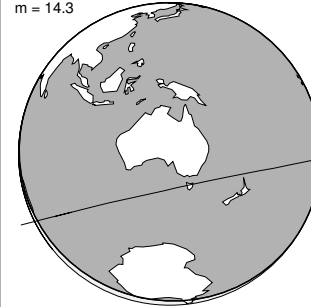
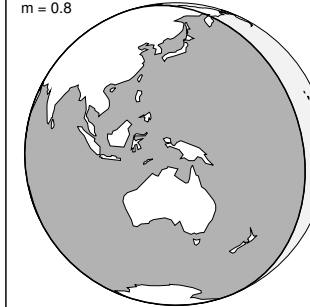
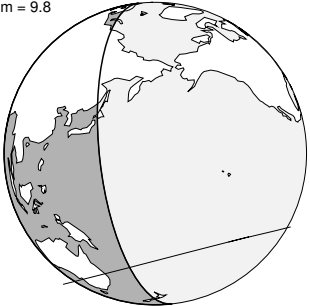
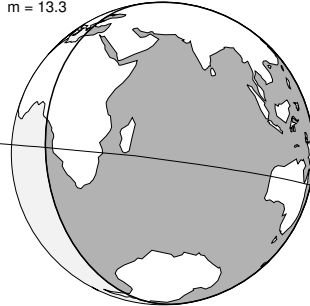
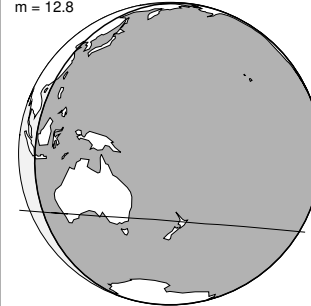
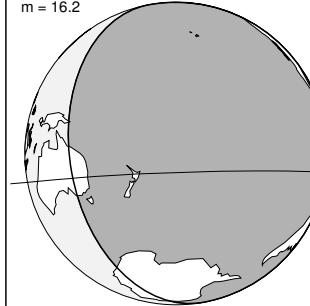
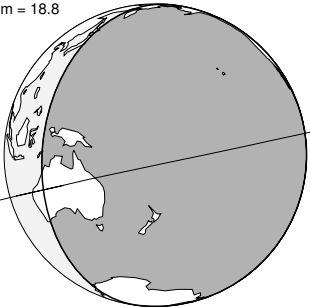
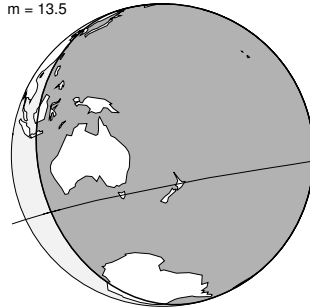
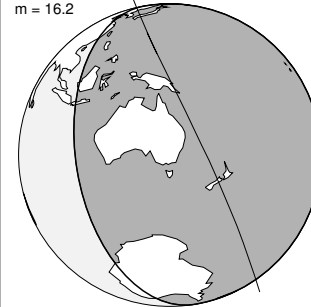
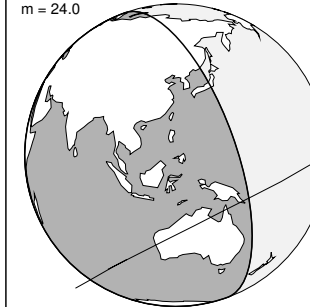
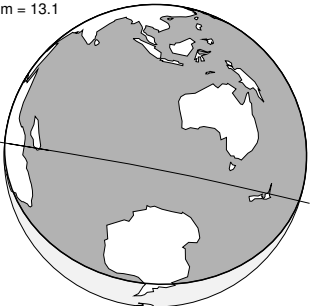
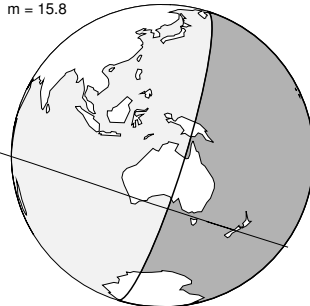
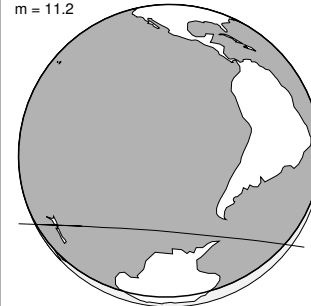
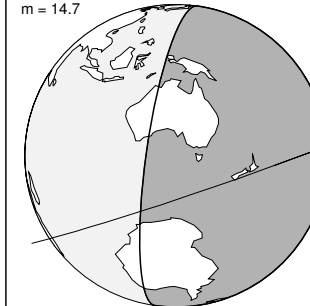
# Region 8

<p><b>2024 jul 25 16h17.9m</b> B24_07007 469442 2002GG166 UCAC4 299-133842 Diam = 94.2 m = 14.0 m = 20.2</p>  <p>Dur = 6.3s Dmag = 6.2 Sun: 144° Moon: 92°</p>	<p><b>2024 jul 25 18h 4.0m</b> A24_07153 892 Seeligeria UCAC5 471-120932 Diam = 78.5 m = 12.5 m = 15.1</p>  <p>Dur = 6.0s Dmag = 2.7 Sun: 152° Moon: 42°</p>	<p><b>2024 jul 26 17h20.4m</b> A24_07061 245 Vera UCAC4 311-252169 Diam = 84.8 m = 12.0 m = 12.2</p>  <p>Dur = 7.0s Dmag = 0.9 Sun: 166° Moon: 84°</p>	<p><b>2024 jul 27 13h23.8m</b> A24_07069 301 Bavaria UCAC4 372-175436 Diam = 55.5 m = 12.3 m = 13.4</p>  <p>Dur = 5.3s Dmag = 1.5 Sun: 173° Moon: 77°</p>
<p><b>2024 jul 28 9h12.9m</b> B24_07005 459865 2013XZ8 UCAC4 308-085838 Diam = 51.8 m = 14.7 m = 19.6</p>  <p>Dur = 6.5s Dmag = 4.9 Sun: 116° Moon: 156°</p>	<p><b>2024 jul 28 11h44.7m</b> B24_07008 471155 2010GF65 UCAC5 269-106853 Diam = 145.9 m = 14.9 m = 20.9</p>  <p>Dur = 9.0s Dmag = 6.0 Sun: 139° Moon: 133°</p>	<p><b>2024 jul 28 18h25.1m</b> A24_07168 1118 Hanskya TYC 6351-00583-1 Diam = 80.7 m = 11.9 m = 14.2</p>  <p>Dur = 6.3s Dmag = 2.4 Sun: 168° Moon: 88°</p>	<p><b>2024 jul 31 8h27.2m</b> A24_07062 245 Vera UCAC4 310-253252 Diam = 84.8 m = 11.1 m = 12.3</p>  <p>Dur = 7.4s Dmag = 1.5 Sun: 161° Moon: 149°</p>
<p><b>2024 jul 31 14h17.3m</b> A24_07010 16 Psyche HIP 104353 Diam = 264.0 m = 8.5 m = 9.5</p>  <p>Dur = 24.8s Dmag = 1.4 Sun: 173° Moon: 127°</p>	<p><b>2024 jul 31 15h27.8m</b> A24_07137 705 Erminia UCAC4 219-185241 Diam = 139.0 m = 12.5 m = 13.1</p>  <p>Dur = 10.0s Dmag = 1.1 Sun: 149° Moon: 129°</p>	<p><b>2024 jul 31 16h12.3m</b> B24_07004 306792 2001KQ77 UCAC4 381-128394 Diam = 158.5 m = 13.3 m = 22.5</p>  <p>Dur = 7.6s Dmag = 9.1 Sun: 151° Moon: 157°</p>	<p><b>2024 aug 1 10h16.4m</b> A24_08012 40 Harmonia UCAC4 328-196975 Diam = 111.0 m = 12.4 m = 9.6</p>  <p>Dur = 12.9s Dmag = 0.1 Sun: 166° Moon: 157°</p>
<p><b>2024 aug 2 9h 9.3m</b> A24_08035 102 Miriam UCAC4 397-121213 Diam = 86.0 m = 12.3 m = 11.8</p>  <p>Dur = 11.4s Dmag = 0.5 Sun: 166° Moon: 159°</p>	<p><b>2024 aug 2 16h28.9m</b> A24_08078 302 Clarissa TYC 6370-00612-1 Diam = 47.0 m = 12.3 m = 14.0</p>  <p>Dur = 4.6s Dmag = 2.0 Sun: 169° Moon: 150°</p>	<p><b>2024 aug 3 10h16.0m</b> A24_08070 261 Prymno UCAC5 328-170807 Diam = 52.6 m = 12.3 m = 12.9</p>  <p>Dur = 6.5s Dmag = 1.1 Sun: 154° Moon: 166°</p>	<p><b>2024 aug 3 10h27.6m</b> A24_08014 42 Isis PPMX 13690884 Diam = 107.0 m = 12.1 m = 10.1</p>  <p>Dur = 48.2s Dmag = 0.2 Sun: 139° Moon: 152°</p>



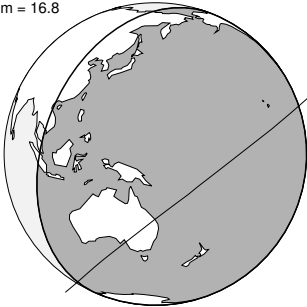
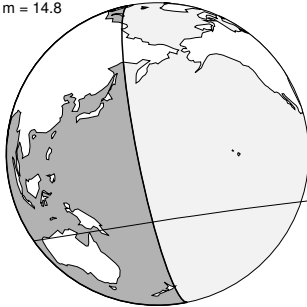
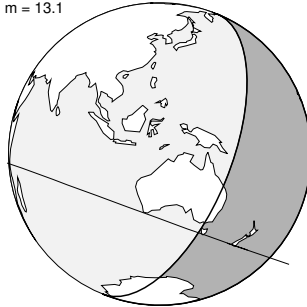
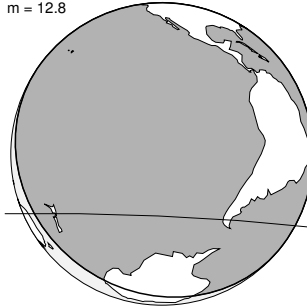
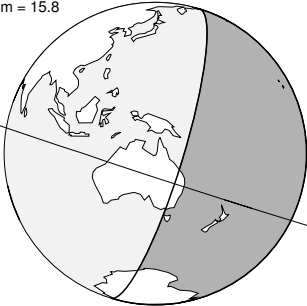
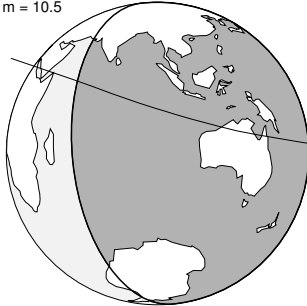
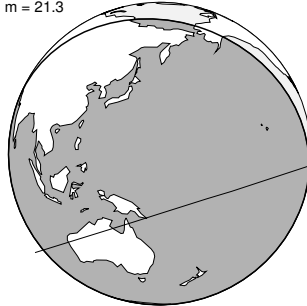
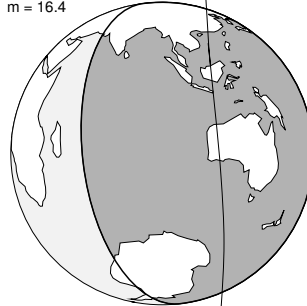
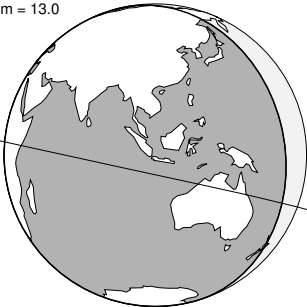
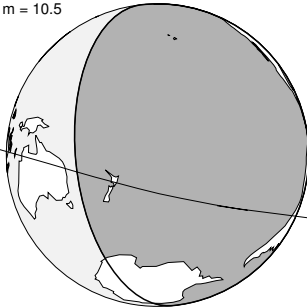
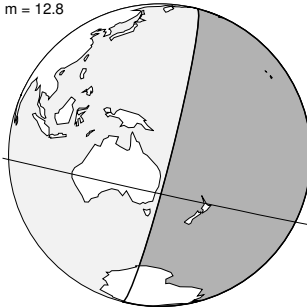
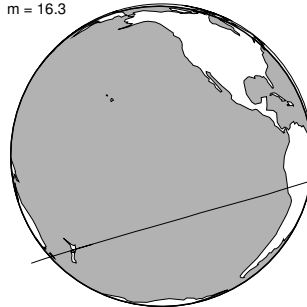
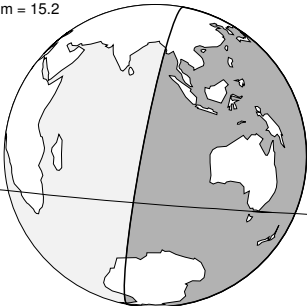
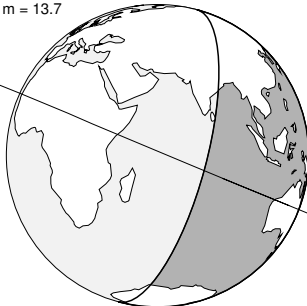
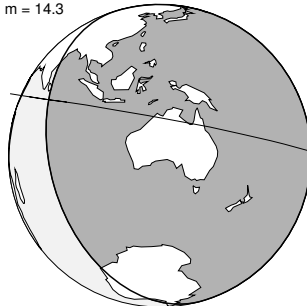
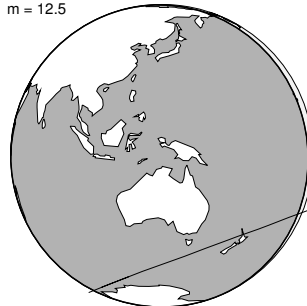
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 aug 3 10h28.1m</b> A24_08135 912 Maritima TYC 5551-00669-1 Diam = 86.6 m = 9.8 m = 14.4</p>  <p>Dur = 3.6s Dmag = 4.6 Sun: 75° Moon: 88°</p>	<p><b>2024 aug 6 7h50.4m</b> A24_08016 42 Isis UCAC4 298-156823 Diam = 107.0 m = 11.9 m = 10.2</p>  <p>Dur = 62.2s Dmag = 0.2 Sun: 136° Moon: 116°</p>	<p><b>2024 aug 6 14h37.2m</b> A24_08123 721 Tabora TYC 7457-00338-1 Diam = 82.6 m = 10.3 m = 14.3</p>  <p>Dur = 6.4s Dmag = 4.0 Sun: 165° Moon: 146°</p>	<p><b>2024 aug 6 17h12.8m</b> P24_08002 Saturn TYC 5249-01218-2 Diam = 107085.0 m = 9.2 m = 0.8</p>  <p>Dur = 7926.2s Dmag = 0.0 Sun: 146° Moon: 172°</p>
<p><b>2024 aug 6 19h35.3m</b> A24_08004 15 Eunomia UCAC4 609-011682 Diam = 272.0 m = 12.1 m = 9.8</p>  <p>Dur = 9.0s Dmag = 0.1 Sun: 68° Moon: 94°</p>	<p><b>2024 aug 7 17h16.8m</b> A24_08031 73 Klytia UCAC5 317-171738 Diam = 45.0 m = 12.5 m = 13.3</p>  <p>Dur = 8.2s Dmag = 1.3 Sun: 140° Moon: 104°</p>	<p><b>2024 aug 8 10h54.3m</b> A24_08116 654 Zelinda UCAC5 391-109170 Diam = 132.0 m = 12.5 m = 12.8</p>  <p>Dur = 11.2s Dmag = 0.9 Sun: 152° Moon: 110°</p>	<p><b>2024 aug 10 7h54.5m</b> A24_08164 2617 Jiangxi UCAC4 290-170074 Diam = 59.2 m = 11.7 m = 16.2</p>  <p>Dur = 7.8s Dmag = 4.5 Sun: 134° Moon: 71°</p>
<p><b>2024 aug 11 9h29.3m</b> B24_08002 50000 Quaoar UCAC4 375-128470 Diam = 1110.0 m = 14.7 m = 18.8</p>  <p>Dur = 63.0s Dmag = 4.1 Sun: 138° Moon: 64°</p>	<p><b>2024 aug 12 10h36.2m</b> A24_08108 535 Montague UCAC4 310-248145 Diam = 77.0 m = 11.8 m = 13.5</p>  <p>Dur = 12.0s Dmag = 1.9 Sun: 145° Moon: 58°</p>	<p><b>2024 aug 13 10h45.7m</b> A24_08156 1721 Wells UCAC4 276-149352 Diam = 44.3 m = 11.7 m = 16.2</p>  <p>Dur = 5.4s Dmag = 4.6 Sun: 128° Moon: 31°</p>	<p><b>2024 aug 13 20h 5.4m</b> B24_08010 587670 2006QE181 UCAC4 494-002486 Diam = 121.9 m = 14.9 m = 24.0</p>  <p>Dur = 16.7s Dmag = 9.1 Sun: 113° Moon: 142°</p>
<p><b>2024 aug 14 16h49.9m</b> A24_08121 705 Erminia TYC 8422-00376-1 Diam = 139.0 m = 10.8 m = 13.1</p>  <p>Dur = 9.7s Dmag = 2.5 Sun: 147° Moon: 54°</p>	<p><b>2024 aug 15 8h28.8m</b> A24_08063 223 Rosa UCAC4 367-065673 Diam = 90.7 m = 11.1 m = 15.8</p>  <p>Dur = 4.5s Dmag = 4.7 Sun: 81° Moon: 40°</p>	<p><b>2024 aug 16 7h20.8m</b> A24_08055 186 Celuta TYC 7491-01256-1 Diam = 52.3 m = 12.3 m = 11.2</p>  <p>Dur = 6.6s Dmag = 0.3 Sun: 158° Moon: 44°</p>	<p><b>2024 aug 16 9h17.3m</b> A24_08125 746 Marlu UCAC4 241-093265 Diam = 75.5 m = 12.5 m = 14.7</p>  <p>Dur = 5.5s Dmag = 2.3 Sun: 101° Moon: 35°</p>

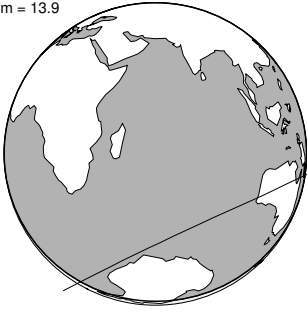
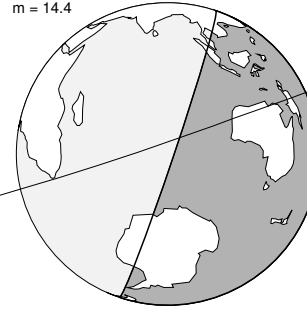
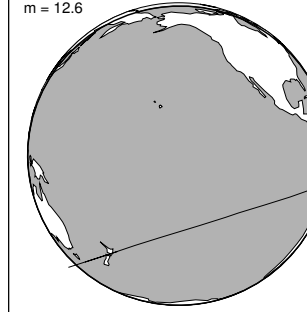
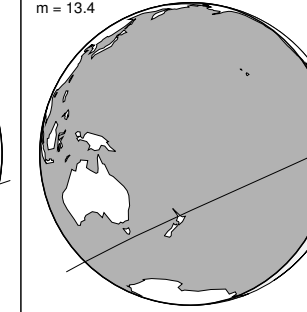
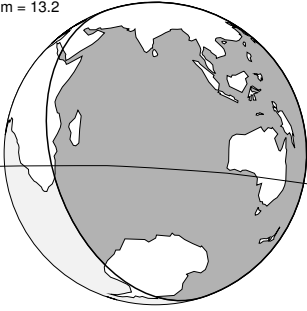
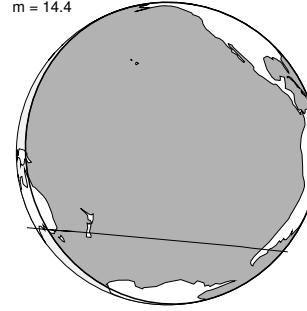
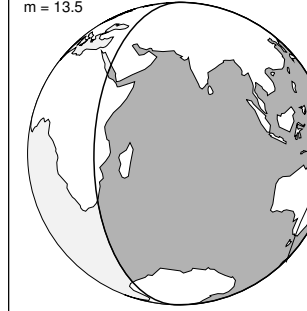
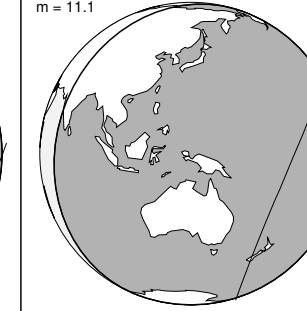
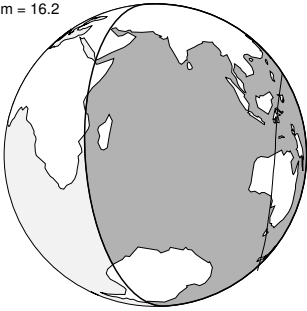
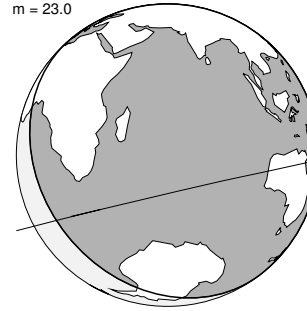
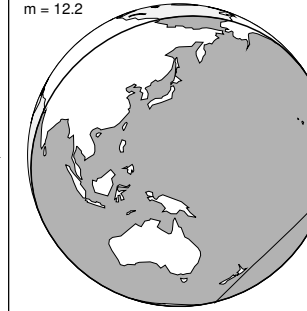
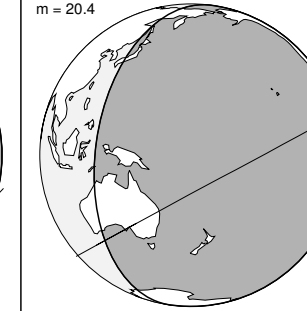
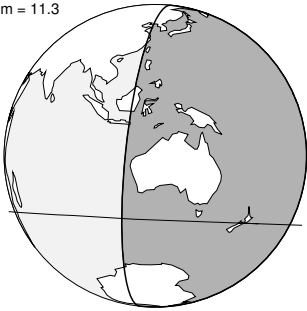
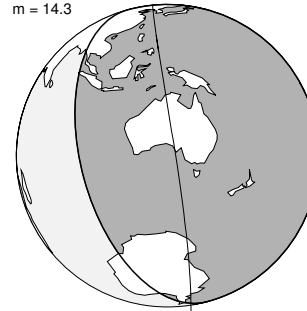
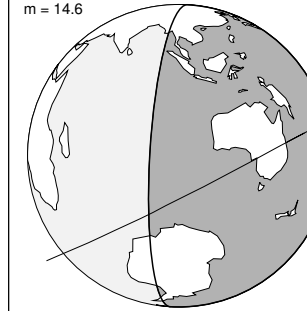
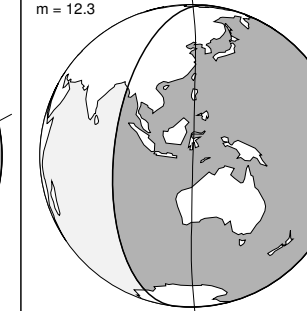
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 aug 16 11h17.0m</b> A24_08161 2235 Vittore UCAC4 458-085857 Diam = 54.6 m = 12.0 m = 16.8</p>  <p>Dur = 4.5s Dmag = 4.8 Sun: 137° Moon: 30°</p>	<p><b>2024 aug 16 18h55.6m</b> A24_08047 156 Xanthippe UCAC4 568-008971 Diam = 126.0 m = 11.9 m = 14.8</p>  <p>Dur = 7.3s Dmag = 2.9 Sun: 82° Moon: 138°</p>	<p><b>2024 aug 17 7h37.8m</b> A24_08007 30 Urania UCAC4 391-059216 Diam = 104.0 m = 12.1 m = 13.1</p>  <p>Dur = 3.5s Dmag = 1.4 Sun: 61° Moon: 85°</p>	<p><b>2024 aug 18 6h51.9m</b> A24_08136 952 Caia TYC 7462-00282-1 Diam = 84.5 m = 11.0 m = 12.8</p>  <p>Dur = 9.3s Dmag = 1.9 Sun: 156° Moon: 10°</p>
<p><b>2024 aug 18 7h39.3m</b> A24_08064 223 Rosa TYC 6155-01006-1 Diam = 90.7 m = 11.7 m = 15.8</p>  <p>Dur = 4.3s Dmag = 4.1 Sun: 79° Moon: 81°</p>	<p><b>2024 aug 19 13h50.8m</b> A24_08017 42 Isis UCAC4 295-159713 Diam = 107.0 m = 11.4 m = 10.5</p>  <p>Dur = 27.6s Dmag = 0.4 Sun: 124° Moon: 53°</p>	<p><b>2024 aug 19 14h19.6m</b> B24_08008 499514 201000127 UCAC4 524-146352 Diam = 480.8 m = 13.8 m = 21.3</p>  <p>Dur = 20.2s Dmag = 7.5 Sun: 151° Moon: 33°</p>	<p><b>2024 aug 20 13h46.3m</b> A24_08157 1721 Wells UCAC4 279-150421 Diam = 44.3 m = 12.3 m = 16.4</p>  <p>Dur = 5.8s Dmag = 4.1 Sun: 121° Moon: 69°</p>
<p><b>2024 aug 20 18h58.3m</b> A24_08106 501 Urhixidur UCAC4 423-000080 Diam = 80.1 m = 11.8 m = 13.0</p>  <p>Dur = 8.3s Dmag = 1.6 Sun: 148° Moon: 17°</p>	<p><b>2024 aug 21 6h58.3m</b> A24_08020 42 Isis Gaia 059-0260454 Diam = 107.0 m = 12.2 m = 10.5</p>  <p>Dur = 24.3s Dmag = 0.2 Sun: 122° Moon: 78°</p>	<p><b>2024 aug 21 7h14.7m</b> A24_08030 64 Angelina TYC 6179-00654-1 Diam = 121.9 m = 11.6 m = 12.8</p>  <p>Dur = 6.4s Dmag = 1.5 Sun: 85° Moon: 116°</p>	<p><b>2024 aug 21 9h27.0m</b> A24_08166 4708 Polydorus UCAC4 440-123693 Diam = 52.5 m = 11.9 m = 16.3</p>  <p>Dur = 3.4s Dmag = 4.4 Sun: 168° Moon: 16°</p>
<p><b>2024 aug 21 12h 2.5m</b> A24_08080 331 Etheridgea UCAC4 317-082944 Diam = 78.5 m = 11.7 m = 15.2</p>  <p>Dur = 5.9s Dmag = 3.5 Sun: 95° Moon: 109°</p>	<p><b>2024 aug 22 12h42.0m</b> A24_08029 59 Elpis UCAC4 412-057784 Diam = 173.0 m = 12.4 m = 13.7</p>  <p>Dur = 6.9s Dmag = 1.6 Sun: 71° Moon: 147°</p>	<p><b>2024 aug 22 12h42.2m</b> A24_08050 162 Laurentia UCAC4 299-232654 Diam = 105.0 m = 11.8 m = 14.3</p>  <p>Dur = 15.1s Dmag = 2.7 Sun: 136° Moon: 81°</p>	<p><b>2024 aug 22 16h12.0m</b> A24_08032 91 Aegina UCAC4 413-147713 Diam = 114.0 m = 11.5 m = 12.5</p>  <p>Dur = 11.1s Dmag = 1.4 Sun: 164° Moon: 25°</p>

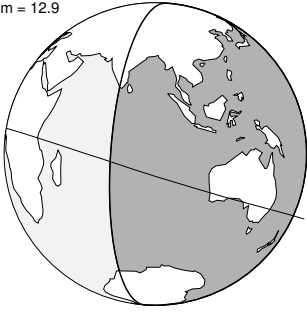
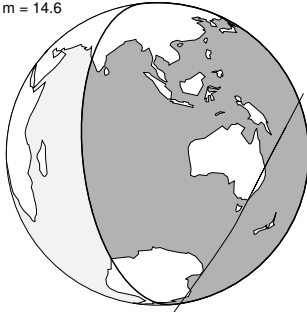
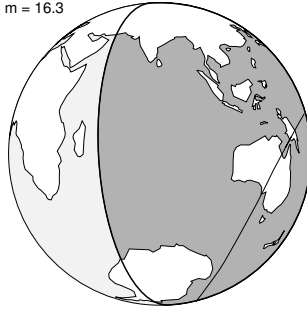
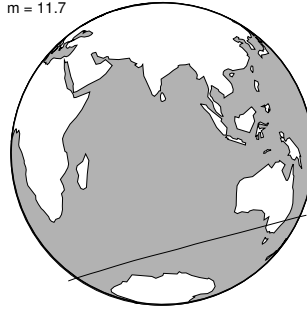
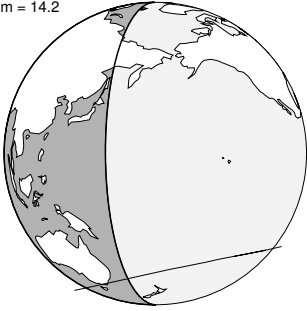
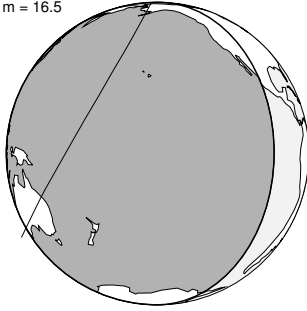
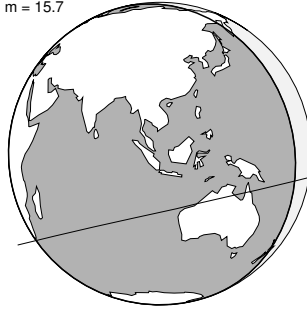
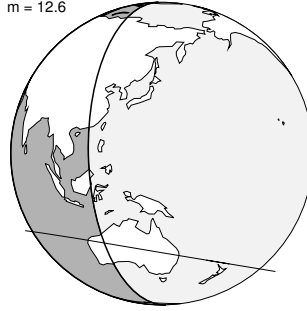
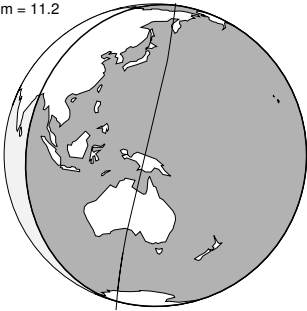
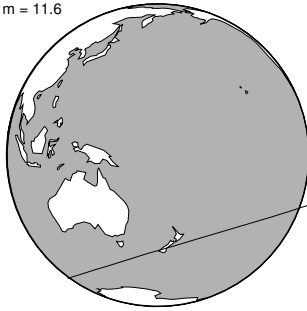
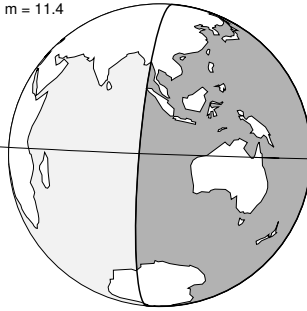
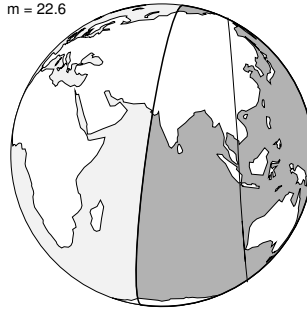
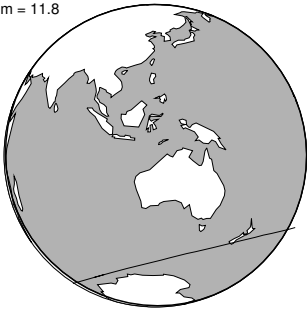
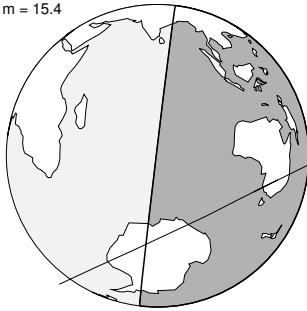
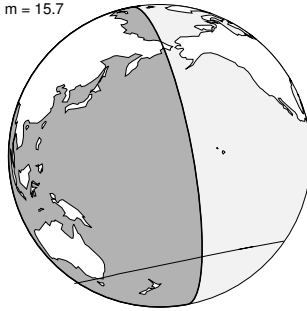
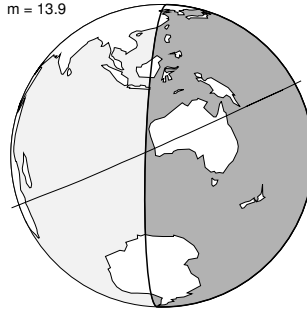
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 aug 22 19h50.2m</b> A24_08084 348 May TYC 6954–01387–1 Diam = 88.0 m = 9.5 m = 13.9</p>  <p>Dur = 6.8s Dmag = 4.4 Sun: 166° Moon: 49°</p>	<p><b>2024 aug 23 11h20.3m</b> A24_08113 626 Notburga UCAC4 224–088174 Diam = 104.0 m = 11.3 m = 14.4</p>  <p>Dur = 5.4s Dmag = 3.1 Sun: 87° Moon: 137°</p>	<p><b>2024 aug 24 9h45.1m</b> A24_08099 441 Bathilde UCAC4 456–120860 Diam = 73.2 m = 12.1 m = 12.6</p>  <p>Dur = 5.9s Dmag = 1.0 Sun: 167° Moon: 62°</p>	<p><b>2024 aug 24 13h27.8m</b> A24_08097 438 Zeuxo UCAC4 383–166142 Diam = 63.6 m = 11.8 m = 13.4</p>  <p>Dur = 6.7s Dmag = 1.8 Sun: 157° Moon: 48°</p>
<p><b>2024 aug 24 15h39.1m</b> A24_08042 145 Adeona TYC 7431–00414–1 Diam = 155.0 m = 11.6 m = 13.2</p>  <p>Dur = 29.0s Dmag = 1.8 Sun: 132° Moon: 113°</p>	<p><b>2024 aug 25 8h12.9m</b> A24_08148 1118 Hanskya UCAC4 363–195836 Diam = 80.7 m = 11.9 m = 14.4</p>  <p>Dur = 7.0s Dmag = 2.5 Sun: 159° Moon: 97°</p>	<p><b>2024 aug 25 15h38.3m</b> A24_08051 168 Sibylla PPMX 11668775 Diam = 154.0 m = 12.3 m = 13.5</p>  <p>Dur = 72.0s Dmag = 1.5 Sun: 124° Moon: 135°</p>	<p><b>2024 aug 26 13h19.9m</b> A24_08124 737 Arequipa TYC 5177–00241–1 Diam = 46.3 m = 10.5 m = 11.1</p>  <p>Dur = 6.6s Dmag = 1.0 Sun: 153° Moon: 111°</p>
<p><b>2024 aug 26 15h16.1m</b> A24_08153 1463 Nordenmarkia PPMX 12684158 Diam = 51.7 m = 12.1 m = 16.2</p>  <p>Dur = 13.8s Dmag = 4.2 Sun: 117° Moon: 155°</p>	<p><b>2024 aug 26 18h 2.4m</b> A24_08173 2011HM102 HIP 102256 Diam = 91.2 m = 9.8 m = 23.0</p>  <p>Dur = 4.4s Dmag = 13.2 Sun: 148° Moon: 124°</p>	<p><b>2024 aug 27 13h35.7m</b> A24_08054 176 Iduna TYC 1132–01852–1 Diam = 125.0 m = 10.5 m = 12.2</p>  <p>Dur = 9.9s Dmag = 1.9 Sun: 153° Moon: 104°</p>	<p><b>2024 aug 28 9h28.6m</b> B24_08006 307261 2002MS4 UCAC4 423–109601 Diam = 787.0 m = 12.6 m = 20.4</p>  <p>Dur = 48.3s Dmag = 7.7 Sun: 129° Moon: 152°</p>
<p><b>2024 aug 28 10h19.9m</b> A24_08023 43 Ariadne UCAC4 346–088677 Diam = 65.3 m = 11.6 m = 11.3</p>  <p>Dur = 4.4s Dmag = 0.6 Sun: 101° Moon: 164°</p>	<p><b>2024 aug 28 11h41.4m</b> A24_08150 1241 Dysona UCAC4 269–174847 Diam = 86.2 m = 11.2 m = 14.3</p>  <p>Dur = 7.8s Dmag = 3.2 Sun: 124° Moon: 167°</p>	<p><b>2024 aug 28 11h48.6m</b> A24_08120 693 Zerbinetta UCAC4 258–109127 Diam = 69.1 m = 12.4 m = 14.6</p>  <p>Dur = 5.1s Dmag = 2.4 Sun: 101° Moon: 162°</p>	<p><b>2024 aug 28 12h 1.6m</b> A24_08040 130 Elektra UCAC5 412–071137 Diam = 189.0 m = 12.5 m = 12.3</p>  <p>Dur = 17.2s Dmag = 0.6 Sun: 120° Moon: 159°</p>

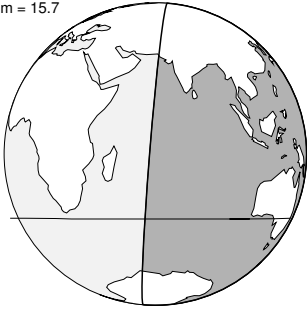
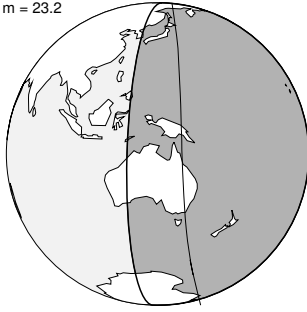
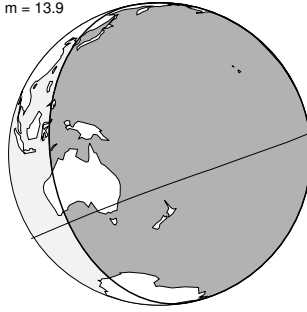
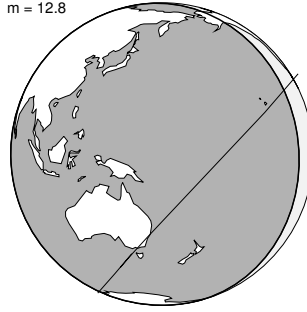
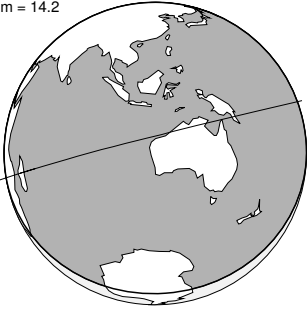
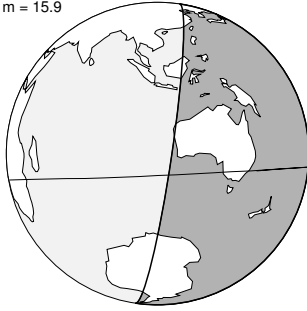
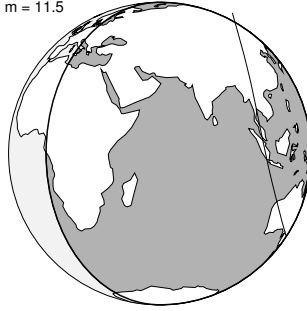
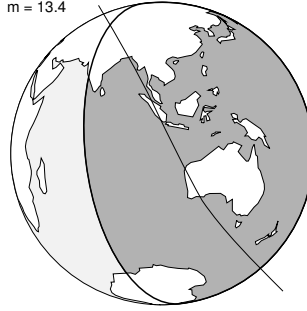
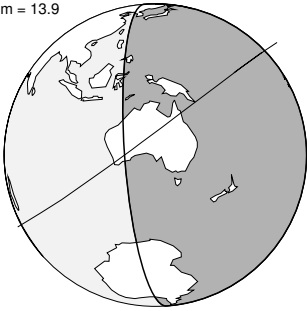
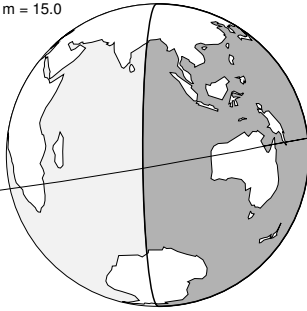
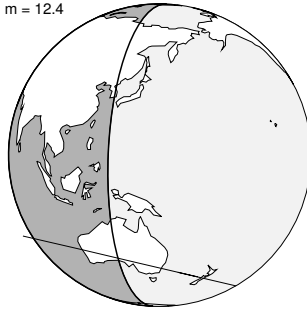
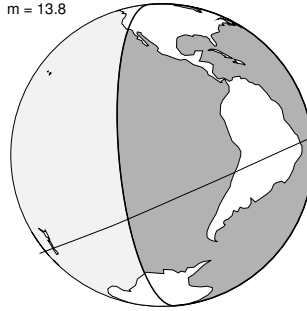
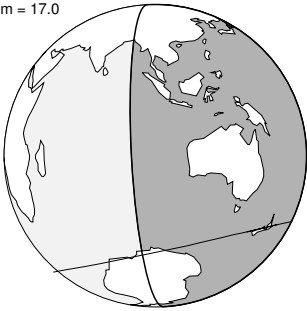
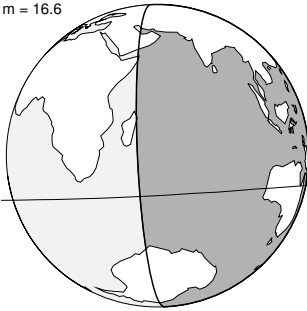
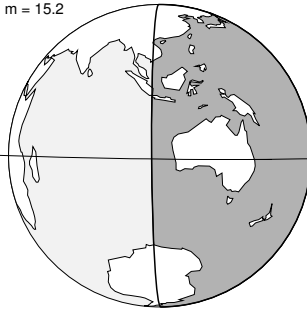
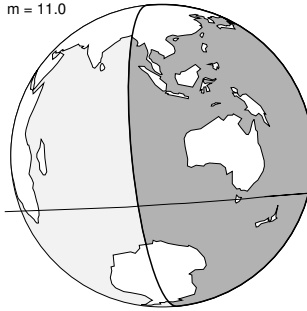
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 aug 29 12h59.6m</b> A24_08079 308 Polyxo UCAC4 360-102572 Diam = 148.0 m = 12.3</p>  <p>Dur = 16.0s Dmag = 1.1 Sun: 107° Moon: 156°</p>	<p><b>2024 aug 30 13h14.3m</b> A24_08081 333 Badenia UCAC4 314-208372 Diam = 81.5 m = 12.2</p>  <p>Dur = 32.2s Dmag = 2.5 Sun: 119° Moon: 160°</p>	<p><b>2024 aug 30 14h 6.9m</b> A24_08154 1463 Nordenmarkia UCAC5 304-166761 Diam = 51.7 m = 12.5</p>  <p>Dur = 11.8s Dmag = 3.9 Sun: 113° Moon: 153°</p>	<p><b>2024 aug 30 18h24.4m</b> A24_08039 126 Velleda TYC 5810-01056-1 Diam = 46.5 m = 9.6</p>  <p>Dur = 5.6s Dmag = 2.2 Sun: 173° Moon: 148°</p>
<p><b>2024 aug 30 19h36.8m</b> A24_08095 416 Vaticana UCAC5 581-017659 Diam = 89.5 m = 12.5</p>  <p>Dur = 3.9s Dmag = 1.9 Sun: 70° Moon: 34°</p>	<p><b>2024 aug 31 12h49.2m</b> A24_08167 4832 Palinurus TYC 5276-00571-1 Diam = 45.7 m = 11.4</p>  <p>Dur = 3.7s Dmag = 5.1 Sun: 140° Moon: 116°</p>	<p><b>2024 aug 31 18h42.3m</b> A24_08075 280 Philia UCAC4 452-000580 Diam = 48.0 m = 12.3</p>  <p>Dur = 5.1s Dmag = 3.5 Sun: 152° Moon: 127°</p>	<p><b>2024 aug 31 22h 8.2m</b> A24_08025 51 Nemausa TYC 0745-01348-1 Diam = 152.3 m = 10.7</p>  <p>Dur = 4.7s Dmag = 2.0 Sun: 60° Moon: 39°</p>
<p><b>2024 sep 1 12h15.7m</b> A24_09141 737 Arequipa TYC 5181-00430-1 Diam = 46.3 m = 10.0</p>  <p>Dur = 6.8s Dmag = 1.5 Sun: 148° Moon: 158°</p>	<p><b>2024 sep 1 12h34.3m</b> A24_09117 554 Peraga UCAC4 418-152501 Diam = 98.5 m = 11.1</p>  <p>Dur = 10.0s Dmag = 1.0 Sun: 174° Moon: 165°</p>	<p><b>2024 sep 3 11h39.9m</b> A24_09026 43 Ariadne TYC 6245-00171-1 Diam = 65.3 m = 9.6</p>  <p>Dur = 3.9s Dmag = 2.0 Sun: 97° Moon: 93°</p>	<p><b>2024 sep 3 13h30.5m</b> A24_09224 579062 2014KF113 TYC 0408-00078-1 Diam = 173.0 m = 11.4</p>  <p>Dur = 12.1s Dmag = 11.2 Sun: 95° Moon: 90°</p>
<p><b>2024 sep 3 15h18.3m</b> A24_09051 126 Velleda TYC 5810-01368-1 Diam = 46.5 m = 10.8</p>  <p>Dur = 5.8s Dmag = 1.3 Sun: 169° Moon: 164°</p>	<p><b>2024 sep 8 12h24.3m</b> A24_09129 605 Juvisia UCAC4 241-106935 Diam = 72.0 m = 12.1</p>  <p>Dur = 3.8s Dmag = 3.3 Sun: 90° Moon: 35°</p>	<p><b>2024 sep 8 17h 4.1m</b> A24_09158 946 Poesia UCAC4 551-008675 Diam = 50.0 m = 12.1</p>  <p>Dur = 4.6s Dmag = 3.6 Sun: 102° Moon: 163°</p>	<p><b>2024 sep 9 10h18.0m</b> A24_09053 134 Sophrosyne TYC 7383-00109-1 Diam = 107.0 m = 10.8</p>  <p>Dur = 7.6s Dmag = 3.1 Sun: 96° Moon: 28°</p>

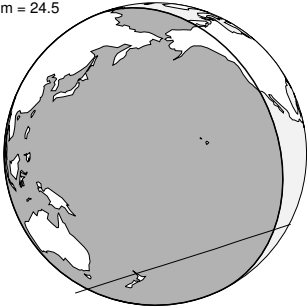
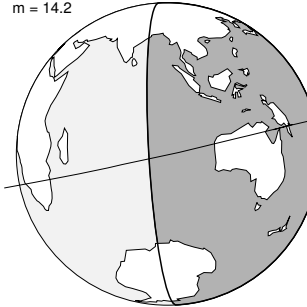
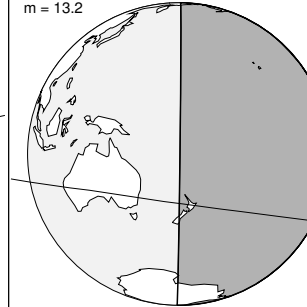
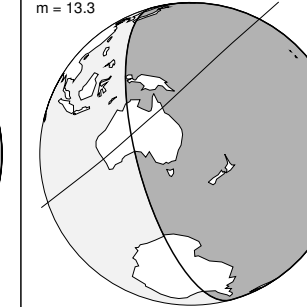
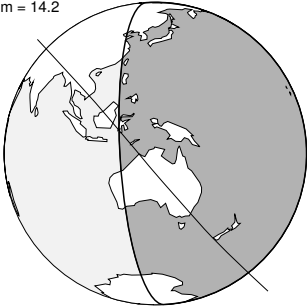
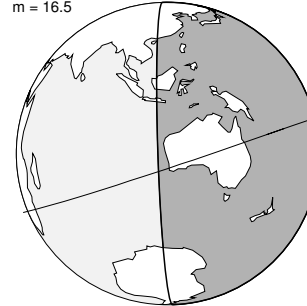
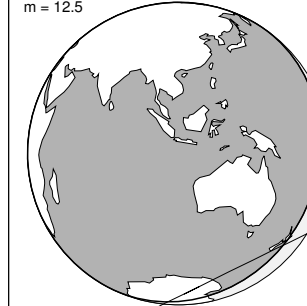
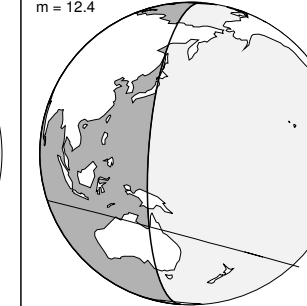
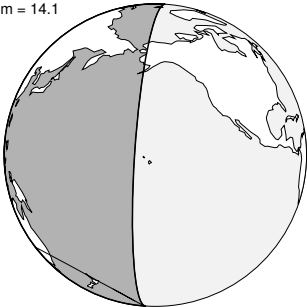
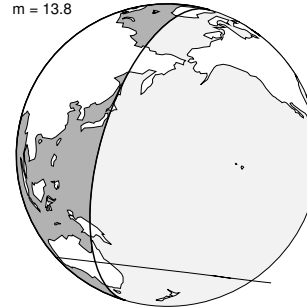
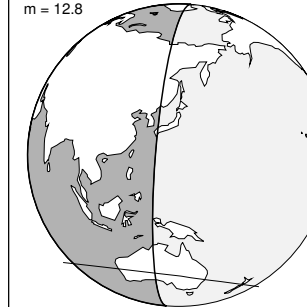
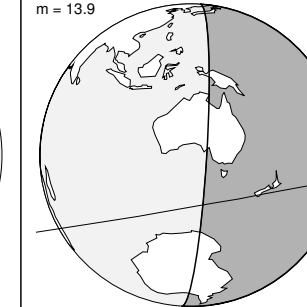
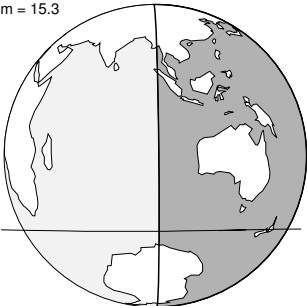
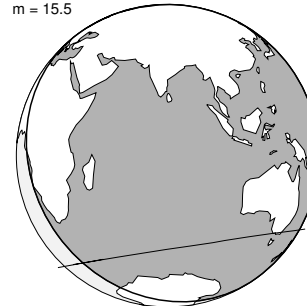
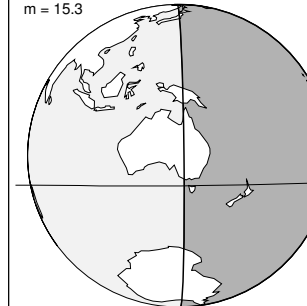
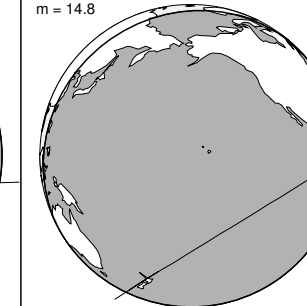
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 sep 9 13h38.2m</b> A24_09214 1520 Imatra TYC 6233–00368–1 Diam = 56.5 m = 10.9 m = 15.7</p>  <p>Dur = 4.0s Dmag = 4.9 Sun: 92° Moon: 24°</p>	<p><b>2024 sep 10 9h35.6m</b> B24_09007 2012HW87 Gaia 075–0175660 Diam = 125.9 m = 13.9 m = 23.2</p>  <p>Dur = 23.5s Dmag = 9.3 Sun: 101° Moon: 25°</p>	<p><b>2024 sep 10 9h41.9m</b> A24_09038 76 Freia UCAC4 366–178942 Diam = 190.0 m = 12.5 m = 13.9</p>  <p>Dur = 25.6s Dmag = 1.7 Sun: 136° Moon: 56°</p>	<p><b>2024 sep 10 15h 5.6m</b> A24_09067 218 Bianca TYC 0012–00933–1 Diam = 62.0 m = 10.7 m = 12.8</p>  <p>Dur = 5.1s Dmag = 2.2 Sun: 154° Moon: 121°</p>
<p><b>2024 sep 10 16h19.6m</b> A24_09196 1041 Asta TYC 6976–01097–1 Diam = 60.6 m = 10.7 m = 14.2</p>  <p>Dur = 5.4s Dmag = 3.6 Sun: 157° Moon: 87°</p>	<p><b>2024 sep 12 10h12.0m</b> A24_09151 859 Bouzaréah UCAC4 282–095397 Diam = 77.5 m = 12.4 m = 15.9</p>  <p>Dur = 4.4s Dmag = 3.5 Sun: 84° Moon: 20°</p>	<p><b>2024 sep 12 17h14.3m</b> A24_09142 737 Arequipa UCAC4 425–124533 Diam = 46.3 m = 12.4 m = 11.5</p>  <p>Dur = 6.8s Dmag = 0.4 Sun: 138° Moon: 37°</p>	<p><b>2024 sep 14 13h 2.7m</b> A24_09049 114 Cassandra TYC 6302–01997–1 Diam = 103.0 m = 10.4 m = 13.4</p>  <p>Dur = 37.7s Dmag = 3.1 Sun: 120° Moon: 13°</p>
<p><b>2024 sep 15 9h43.2m</b> A24_09144 760 Massinga UCAC4 288–182580 Diam = 74.8 m = 12.3 m = 13.9</p>  <p>Dur = 6.3s Dmag = 1.8 Sun: 101° Moon: 40°</p>	<p><b>2024 sep 16 12h12.9m</b> A24_09202 1135 Colchis TYC 6849–00149–1 Diam = 51.5 m = 11.6 m = 15.0</p>  <p>Dur = 3.5s Dmag = 3.4 Sun: 95° Moon: 62°</p>	<p><b>2024 sep 16 21h14.4m</b> A24_09029 51 Nemausa TYC 0760–00814–1 Diam = 152.3 m = 11.6 m = 12.4</p>  <p>Dur = 5.4s Dmag = 1.3 Sun: 70° Moon: 126°</p>	<p><b>2024 sep 17 1h58.0m</b> A24_09083 283 Emma UCAC4 333–192497 Diam = 150.0 m = 12.4 m = 13.8</p>  <p>Dur = 16.8s Dmag = 1.7 Sun: 106° Moon: 59°</p>
<p><b>2024 sep 18 11h51.1m</b> A24_09201 1081 Reseda UCAC5 311–185484 Diam = 40.3 m = 12.5 m = 17.0</p>  <p>Dur = 3.8s Dmag = 4.6 Sun: 99° Moon: 86°</p>	<p><b>2024 sep 18 14h32.2m</b> A24_09221 2421 Nininger UCAC4 301–212628 Diam = 43.3 m = 12.1 m = 16.6</p>  <p>Dur = 3.6s Dmag = 4.5 Sun: 97° Moon: 89°</p>	<p><b>2024 sep 19 10h51.2m</b> A24_09161 1032 Pafuri UCAC4 303–167412 Diam = 59.1 m = 12.3 m = 15.2</p>  <p>Dur = 3.5s Dmag = 3.0 Sun: 93° Moon: 106°</p>	<p><b>2024 sep 19 11h47.9m</b> A24_09023 42 Isis UCAC4 294–199242 Diam = 107.0 m = 12.0 m = 11.0</p>  <p>Dur = 7.6s Dmag = 0.4 Sun: 101° Moon: 98°</p>

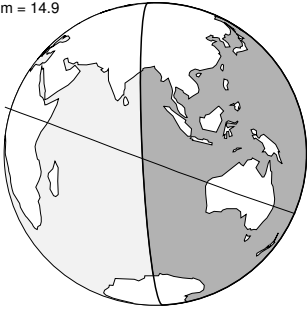
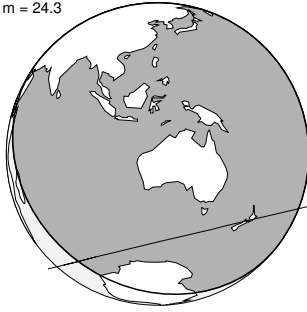
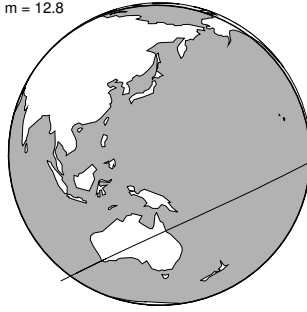
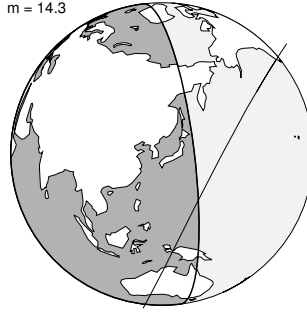
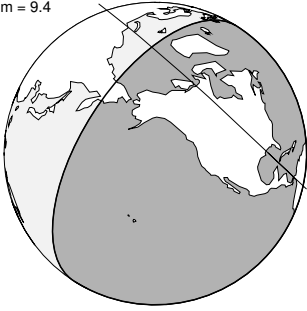
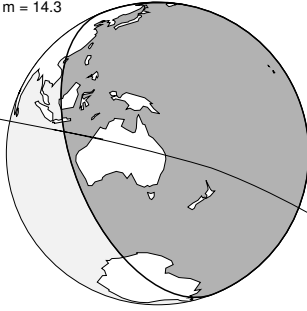
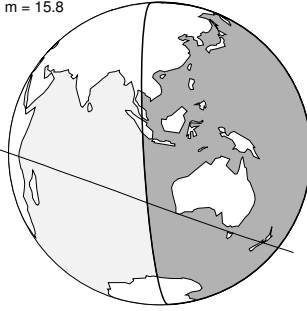
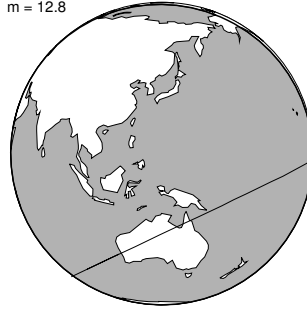
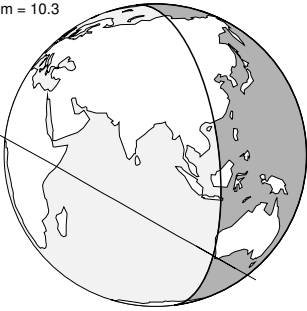
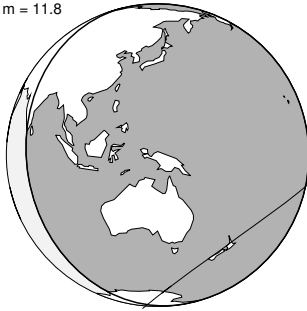
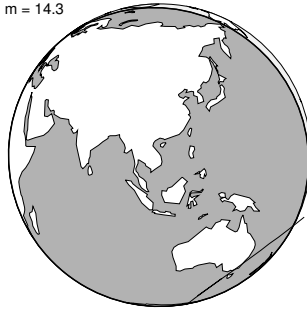
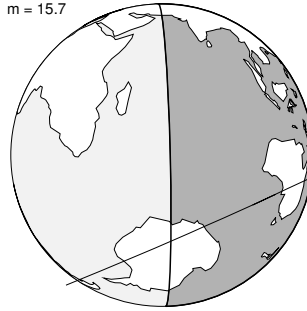
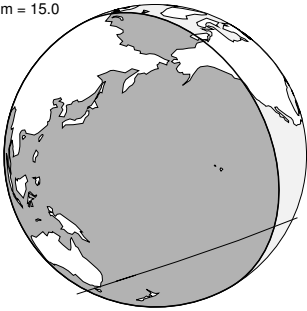
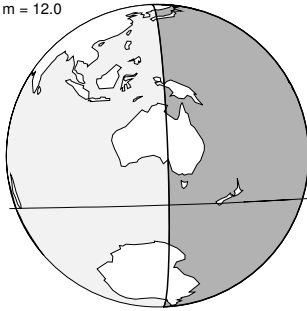
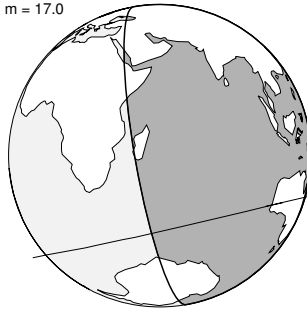
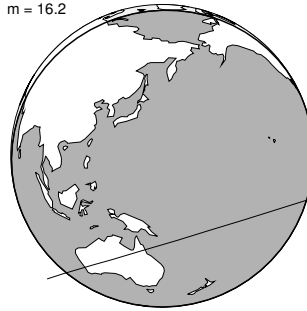
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 sep 19 13h51.1m</b> A24_09228 2014UD228 TYC 1207-00390-1 Diam = 251.2 m = 9.9 m = 24.5</p>  <p>Dur = 11.9s Dmag = 14.5 Sun: 143° Moon: 16°</p>	<p><b>2024 sep 20 12h10.4m</b> A24_09061 151 Abundantia UCAC4 298-197319 Diam = 46.7 m = 11.2 m = 14.2</p>  <p>Dur = 3.4s Dmag = 3.1 Sun: 97° Moon: 117°</p>	<p><b>2024 sep 21 6h30.3m</b> A24_09085 308 Polyxo UCAC5 356-112962 Diam = 148.0 m = 12.3 m = 13.2</p>  <p>Dur = 8.2s Dmag = 1.3 Sun: 89° Moon: 134°</p>	<p><b>2024 sep 21 9h 7.5m</b> A24_09108 446 Aeternitas UCAC5 273-184318 Diam = 43.0 m = 12.5 m = 13.3</p>  <p>Dur = 4.6s Dmag = 1.3 Sun: 110° Moon: 114°</p>
<p><b>2024 sep 22 9h55.6m</b> A24_09065 181 Eucharis TYC 5718-00033-1 Diam = 107.0 m = 10.9 m = 14.2</p>  <p>Dur = 10.7s Dmag = 3.3 Sun: 103° Moon: 134°</p>	<p><b>2024 sep 22 10h28.5m</b> A24_09213 1463 Nordenmarkia TYC 6855-00894-1 Diam = 51.7 m = 11.2 m = 16.5</p>  <p>Dur = 4.0s Dmag = 5.3 Sun: 93° Moon: 147°</p>	<p><b>2024 sep 22 18h 4.6m</b> A24_09060 146 Lucina TYC 5276-00931-1 Diam = 137.0 m = 11.4 m = 12.5</p>  <p>Dur = 11.5s Dmag = 1.4 Sun: 156° Moon: 55°</p>	<p><b>2024 sep 22 20h28.4m</b> A24_09030 51 Nemausa UCAC5 515-035890 Diam = 152.3 m = 12.4 m = 12.4</p>  <p>Dur = 5.8s Dmag = 0.7 Sun: 73° Moon: 43°</p>
<p><b>2024 sep 23 16h40.0m</b> A24_09155 914 Palisana TYC 1341-02326-1 Diam = 79.0 m = 8.8 m = 14.1</p>  <p>Dur = 4.4s Dmag = 5.4 Sun: 82° Moon: 22°</p>	<p><b>2024 sep 23 20h24.0m</b> A24_09043 93 Minerva UCAC4 591-044157 Diam = 170.8 m = 12.0 m = 13.8</p>  <p>Dur = 6.1s Dmag = 2.0 Sun: 63° Moon: 38°</p>	<p><b>2024 sep 23 21h 7.9m</b> A24_09041 88 Thisbe TYC 1897-01252-1 Diam = 232.0 m = 12.3 m = 12.8</p>  <p>Dur = 12.4s Dmag = 1.0 Sun: 81° Moon: 20°</p>	<p><b>2024 sep 24 8h45.8m</b> A24_09149 784 Pickeringia TYC 7388-00365-1 Diam = 90.0 m = 10.4 m = 13.9</p>  <p>Dur = 3.7s Dmag = 3.6 Sun: 84° Moon: 172°</p>
<p><b>2024 sep 25 11h24.7m</b> A24_09163 1032 Pafuri UCAC4 303-183800 Diam = 59.1 m = 11.6 m = 15.3</p>  <p>Dur = 3.1s Dmag = 3.7 Sun: 88° Moon: 170°</p>	<p><b>2024 sep 25 17h 7.0m</b> A24_09217 1961 Dufour TYC 5818-00880-1 Diam = 55.5 m = 11.7 m = 15.5</p>  <p>Dur = 5.1s Dmag = 3.8 Sun: 153° Moon: 127°</p>	<p><b>2024 sep 26 8h25.9m</b> A24_09164 1032 Pafuri TYC 6854-02158-1 Diam = 59.1 m = 11.5 m = 15.3</p>  <p>Dur = 3.0s Dmag = 3.8 Sun: 88° Moon: 159°</p>	<p><b>2024 sep 26 9h53.1m</b> A24_09212 1436 Salonta TYC 1716-01435-1 Diam = 63.6 m = 10.5 m = 14.8</p>  <p>Dur = 5.1s Dmag = 4.4 Sun: 159° Moon: 110°</p>

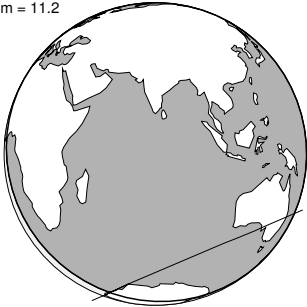
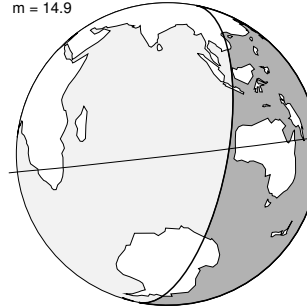
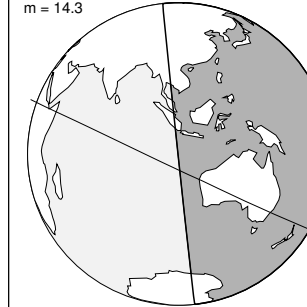
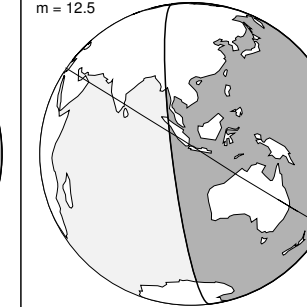
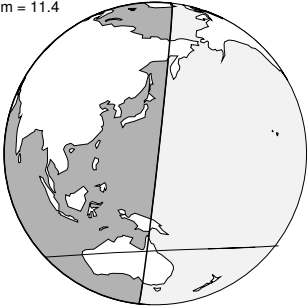
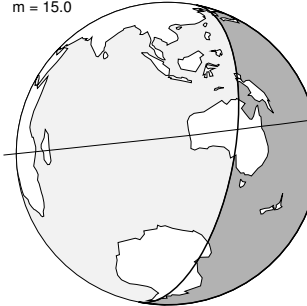
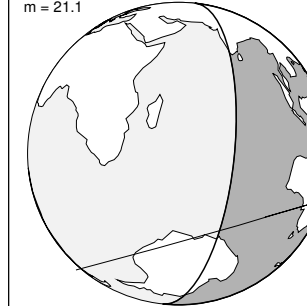
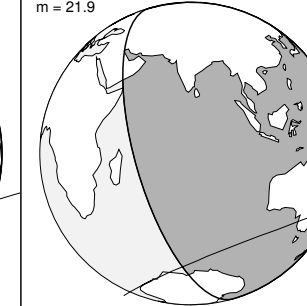
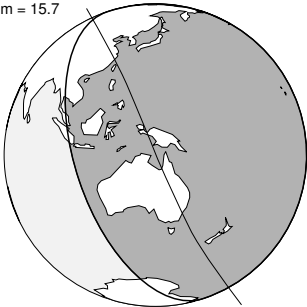
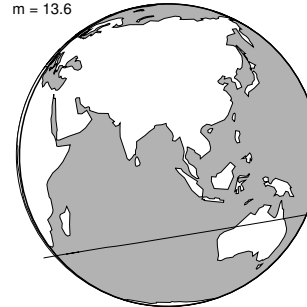
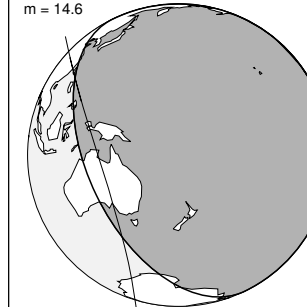
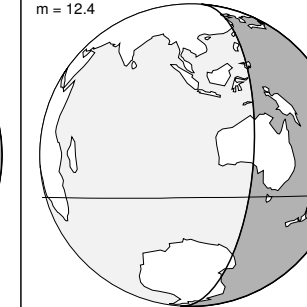
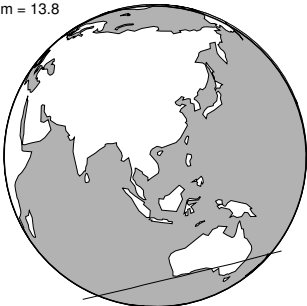
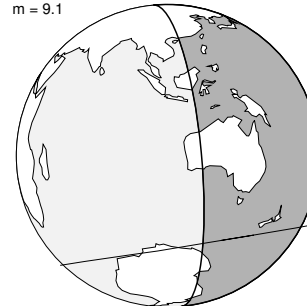

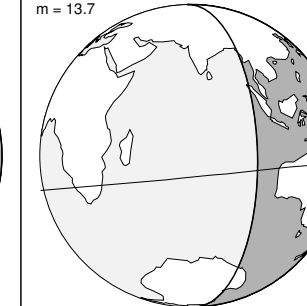
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 sep 26 12h 4.6m</b> A24_09124 589 Croatia UCAC5 386-099532 Diam = 92.5 m = 12.5 m = 14.9</p>  <p>Dur = 6.3s Dmag = 2.5 Sun: 94° Moon: 158°</p>	<p><b>2024 sep 26 14h36.5m</b> B24_09011 2019SJ187 UCAC4 343-207549 Diam = 211.8 m = 13.9 m = 24.3</p>  <p>Dur = 8.9s Dmag = 10.4 Sun: 151° Moon: 136°</p>	<p><b>2024 sep 26 14h39.8m</b> A24_09148 774 Armor UCAC4 510-000959 Diam = 57.0 m = 11.7 m = 12.8</p>  <p>Dur = 4.6s Dmag = 1.5 Sun: 168° Moon: 101°</p>	<p><b>2024 sep 26 20h10.7m</b> A24_09089 326 Tamara UCAC4 633-024531 Diam = 100.0 m = 10.5 m = 14.3</p>  <p>Dur = 7.5s Dmag = 3.8 Sun: 102° Moon: 37°</p>
<p><b>2024 sep 27 6h30.1m</b> A24_09186 1036 Ganymed PPMX 2580191 Diam = 41.0 m = 12.5 m = 9.4</p>  <p>Dur = 3.4s Dmag = 0.1 Sun: 119° Moon: 109°</p>	<p><b>2024 sep 27 10h29.9m</b> A24_09093 351 Yrsa TYC 6926-00411-1 Diam = 44.3 m = 9.2 m = 14.3</p>  <p>Dur = 19.9s Dmag = 5.1 Sun: 123° Moon: 175°</p>	<p><b>2024 sep 27 11h 3.4m</b> A24_09152 874 Rotraut UCAC4 393-095278 Diam = 58.3 m = 11.5 m = 15.8</p>  <p>Dur = 4.0s Dmag = 4.3 Sun: 96° Moon: 150°</p>	<p><b>2024 sep 27 15h17.4m</b> A24_09147 774 Armor UCAC4 509-000930 Diam = 57.0 m = 12.5 m = 12.8</p>  <p>Dur = 4.6s Dmag = 0.9 Sun: 168° Moon: 114°</p>
<p><b>2024 sep 28 10h17.7m</b> A24_09004 2 Pallas UCAC5 500-063264 Diam = 530.9 m = 12.5 m = 10.3</p>  <p>Dur = 16.6s Dmag = 0.1 Sun: 65° Moon: 103°</p>	<p><b>2024 sep 28 12h40.7m</b> A24_09015 32 Pomona UCAC4 435-118990 Diam = 82.0 m = 11.9 m = 11.8</p>  <p>Dur = 9.3s Dmag = 0.7 Sun: 149° Moon: 160°</p>	<p><b>2024 sep 28 17h17.4m</b> A24_09220 2393 Suzuki UCAC5 527-001744 Diam = 50.8 m = 12.5 m = 14.3</p>  <p>Dur = 5.0s Dmag = 2.0 Sun: 163° Moon: 120°</p>	<p><b>2024 sep 30 13h34.5m</b> A24_09153 907 Rhoda PPMX 14715002 Diam = 65.8 m = 12.4 m = 15.7</p>  <p>Dur = 3.7s Dmag = 3.4 Sun: 86° Moon: 110°</p>
<p><b>2024 oct 1 14h22.7m</b> A24_10104 643 Scheherezade TYC 1789-00169-1 Diam = 76.1 m = 11.6 m = 15.0</p>  <p>Dur = 10.5s Dmag = 3.5 Sun: 138° Moon: 126°</p>	<p><b>2024 oct 2 8h48.4m</b> A24_10089 471 Papagena UCAC4 292-180606 Diam = 127.0 m = 12.3 m = 12.0</p>  <p>Dur = 7.7s Dmag = 0.6 Sun: 86° Moon: 91°</p>	<p><b>2024 oct 5 15h 1.5m</b> A24_10156 2517 Orma TYC 6889-00396-1 Diam = 47.5 m = 10.0 m = 17.0</p>  <p>Dur = 4.0s Dmag = 7.0 Sun: 99° Moon: 69°</p>	<p><b>2024 oct 6 13h14.5m</b> A24_10162 5119 Imbrius UCAC4 558-000846 Diam = 50.1 m = 12.3 m = 16.2</p>  <p>Dur = 3.2s Dmag = 4.0 Sun: 162° Moon: 139°</p>

# Occultations by major and minor planets – 2024

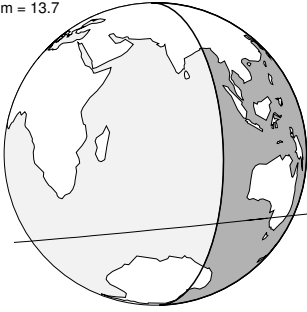
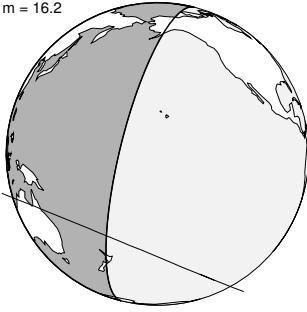
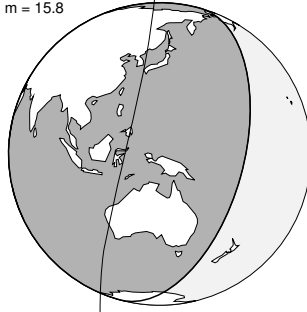
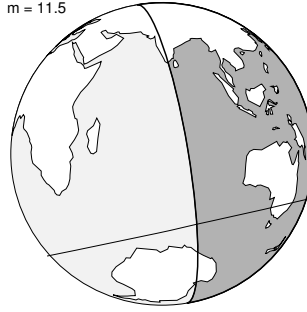
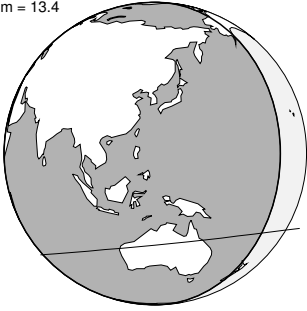
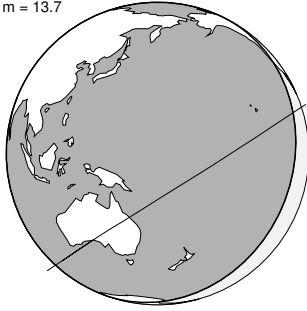
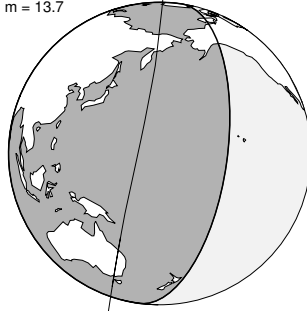
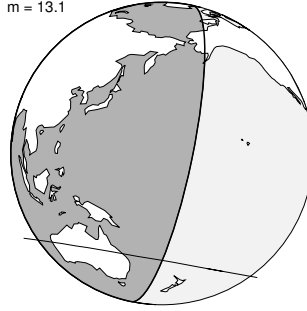
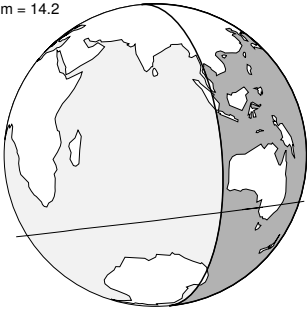
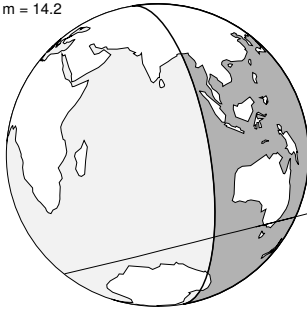
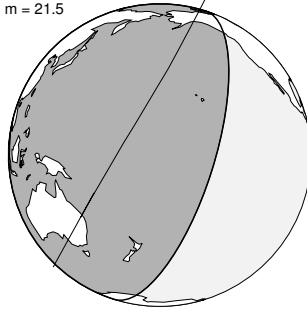
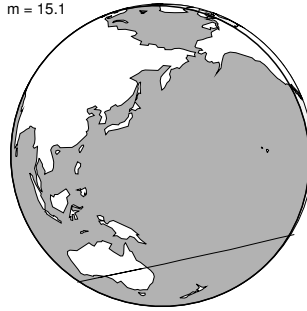
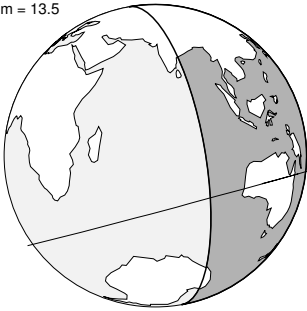
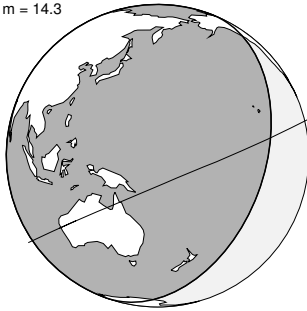
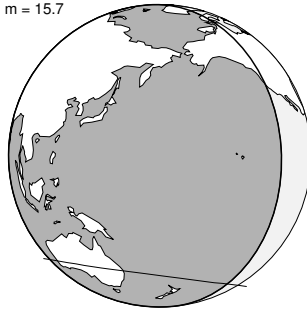
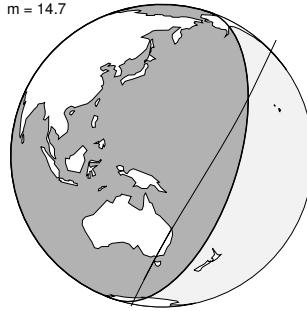
# Region 8

<p><b>2024 oct 6 17h57.9m</b> A24_10008 17 Thetis UCAC4 413-000233 Diam = 93.2 m = 12.1 m = 11.2</p>  <p>Dur = 9.2s Dmag = 0.4 Sun: 163° Moon: 121°</p>	<p><b>2024 oct 7 10h32.4m</b> A24_10076 373 Melusina UCAC5 265-107517 Diam = 99.6 m = 12.4 m = 14.9</p>  <p>Dur = 3.4s Dmag = 2.7 Sun: 66° Moon: 18°</p>	<p><b>2024 oct 7 10h55.4m</b> A24_10049 181 Eucharis UCAC4 376-149653 Diam = 107.0 m = 11.4 m = 14.3</p>  <p>Dur = 7.1s Dmag = 3.0 Sun: 90° Moon: 41°</p>	<p><b>2024 oct 7 11h14.7m</b> A24_10079 386 Siegena HIP 95533 Diam = 173.0 m = 6.9 m = 12.5</p>  <p>Dur = 10.7s Dmag = 5.6 Sun: 97° Moon: 49°</p>
<p><b>2024 oct 8 20h 9.9m</b> A24_10004 14 Irene UCAC4 560-037905 Diam = 152.4 m = 12.1 m = 11.4</p>  <p>Dur = 9.1s Dmag = 0.4 Sun: 91° Moon: 157°</p>	<p><b>2024 oct 11 8h57.3m</b> A24_10077 373 Melusina UCAC4 266-111593 Diam = 99.6 m = 12.1 m = 15.0</p>  <p>Dur = 3.3s Dmag = 2.9 Sun: 64° Moon: 35°</p>	<p><b>2024 oct 12 12h35.6m</b> B24_10004 471155 2010GF65 UCAC4 272-113620 Diam = 145.9 m = 13.2 m = 21.1</p>  <p>Dur = 7.4s Dmag = 7.9 Sun: 68° Moon: 44°</p>	<p><b>2024 oct 14 14h13.9m</b> B24_10009 2004MM10 UCAC4 371-181158 Diam = 150.7 m = 13.6 m = 21.9</p>  <p>Dur = 35.9s Dmag = 8.3 Sun: 111° Moon: 28°</p>
<p><b>2024 oct 15 10h54.2m</b> A24_10150 1754 Cunningham PPMX 10848038 Diam = 82.6 m = 11.6 m = 15.7</p>  <p>Dur = 20.9s Dmag = 4.1 Sun: 122° Moon: 29°</p>	<p><b>2024 oct 15 16h48.6m</b> A24_10115 829 Academia TYC 0606-00995-1 Diam = 44.0 m = 11.6 m = 13.6</p>  <p>Dur = 4.7s Dmag = 2.2 Sun: 168° Moon: 16°</p>	<p><b>2024 oct 16 9h21.3m</b> A24_10126 1035 Amata UCAC4 367-181320 Diam = 56.8 m = 11.7 m = 14.6</p>  <p>Dur = 7.1s Dmag = 3.0 Sun: 127° Moon: 37°</p>	<p><b>2024 oct 17 9h20.8m</b> A24_10013 22 Kalliope UCAC4 292-138708 Diam = 187.0 m = 11.9 m = 12.4</p>  <p>Dur = 6.7s Dmag = 1.0 Sun: 65° Moon: 114°</p>
<p><b>2024 oct 18 16h48.9m</b> A24_10133 1062 Ljuba UCAC5 541-003238 Diam = 44.7 m = 12.5 m = 13.8</p>  <p>Dur = 3.8s Dmag = 1.6 Sun: 170° Moon: 11°</p>	<p><b>2024 oct 21 10h 2.8m</b> A24_10001 1 Ceres UCAC4 301-257248 Diam = 952.5 m = 12.4 m = 9.1</p>  <p>Dur = 41.4s Dmag = 0.1 Sun: 77° Moon: 157°</p>	<p><b>2024 oct 21 16h37.6m</b> B24_10005 471335 2011OD16 UCAC5 464-001237 Diam = 69.8 m = 14.8 m = 21.8</p>  <p>Dur = 3.2s Dmag = 7.0 Sun: 165° Moon: 72°</p>	<p><b>2024 oct 23 11h15.2m</b> A24_10038 111 Ate UCAC4 328-137838 Diam = 139.0 m = 11.9 m = 13.7</p>  <p>Dur = 4.7s Dmag = 2.0 Sun: 63° Moon: 164°</p>



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# Region 8

<p><b>2024 oct 24 11h33.0m</b> A24_10039 111 Ate UCAC4 329-136627 Diam = 139.0 m = 11.6 m = 13.7</p>  <p>Dur = 4.7s Dmag = 2.3 Sun: 63° Moon: 151°</p>	<p><b>2024 oct 24 17h25.2m</b> A24_10160 4060 Deipylos TYC 0232-01546-1 Diam = 69.2 m = 9.9 m = 16.2</p>  <p>Dur = 3.2s Dmag = 6.2 Sun: 75° Moon: 19°</p>	<p><b>2024 oct 25 18h16.5m</b> A24_10144 1337 Gerarda UCAC4 447-011260 Diam = 41.0 m = 12.3 m = 15.8</p>  <p>Dur = 5.4s Dmag = 3.5 Sun: 123° Moon: 59°</p>	<p><b>2024 oct 27 12h24.6m</b> A24_10022 42 Isis UCAC4 305-275764 Diam = 107.0 m = 11.9 m = 11.5</p>  <p>Dur = 4.1s Dmag = 0.6 Sun: 80° Moon: 134°</p>
<p><b>2024 oct 27 17h30.6m</b> A24_10078 380 Fiducia UCAC4 530-008875 Diam = 76.3 m = 12.3 m = 13.4</p>  <p>Dur = 10.2s Dmag = 1.4 Sun: 145° Moon: 94°</p>	<p><b>2024 oct 29 14h39.8m</b> A24_10090 482 Petrina TYC 0069-00727-1 Diam = 51.6 m = 10.5 m = 13.7</p>  <p>Dur = 3.8s Dmag = 3.3 Sun: 153° Moon: 126°</p>	<p><b>2024 nov 1 16h56.9m</b> A24_11124 914 Palisana TYC 1335-01255-1 Diam = 79.0 m = 11.1 m = 13.7</p>  <p>Dur = 9.0s Dmag = 2.7 Sun: 116° Moon: 118°</p>	<p><b>2024 nov 1 18h 5.2m</b> A24_11056 240 Vanadis TYC 1371-01989-1 Diam = 108.0 m = 10.4 m = 13.1</p>  <p>Dur = 9.0s Dmag = 2.8 Sun: 101° Moon: 104°</p>
<p><b>2024 nov 3 10h52.1m</b> A24_11097 566 Stereokopia UCAC4 323-202705 Diam = 175.0 m = 12.1 m = 14.2</p>  <p>Dur = 6.0s Dmag = 2.2 Sun: 63° Moon: 42°</p>	<p><b>2024 nov 4 11h22.5m</b> A24_11065 283 Emma UCAC5 348-170348 Diam = 150.0 m = 12.5 m = 14.2</p>  <p>Dur = 5.4s Dmag = 1.9 Sun: 69° Moon: 37°</p>	<p><b>2024 nov 4 15h45.5m</b> B24_11006 600217 2011QY100 UCAC4 441-030044 Diam = 95.1 m = 14.4 m = 21.5</p>  <p>Dur = 9.6s Dmag = 7.1 Sun: 111° Moon: 137°</p>	<p><b>2024 nov 6 14h10.1m</b> A24_11089 465 Alekto UCAC5 578-008468 Diam = 76.6 m = 12.5 m = 15.1</p>  <p>Dur = 5.0s Dmag = 2.7 Sun: 164° Moon: 137°</p>
<p><b>2024 nov 8 12h 1.4m</b> A24_11060 245 Vera UCAC4 323-214777 Diam = 84.8 m = 12.5 m = 13.5</p>  <p>Dur = 3.2s Dmag = 1.3 Sun: 70° Moon: 10°</p>	<p><b>2024 nov 8 16h 1.4m</b> A24_11129 928 Hildrun TYC 0120-01259-1 Diam = 69.7 m = 11.7 m = 14.3</p>  <p>Dur = 11.0s Dmag = 2.7 Sun: 135° Moon: 132°</p>	<p><b>2024 nov 9 15h 2.1m</b> A24_11152 2376 Martynov TYC 1848-00692-1 Diam = 40.6 m = 8.8 m = 15.7</p>  <p>Dur = 5.2s Dmag = 7.0 Sun: 143° Moon: 122°</p>	<p><b>2024 nov 9 17h45.5m</b> A24_11123 909 Ulla UCAC4 468-024584 Diam = 120.0 m = 12.4 m = 14.7</p>  <p>Dur = 28.8s Dmag = 2.4 Sun: 120° Moon: 136°</p>

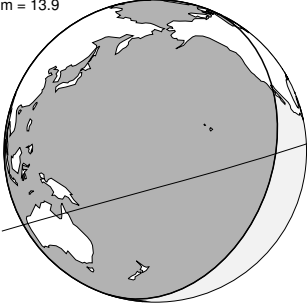
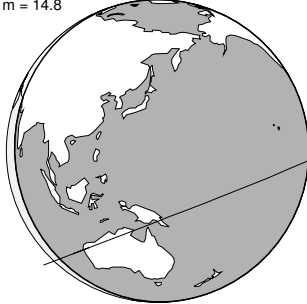
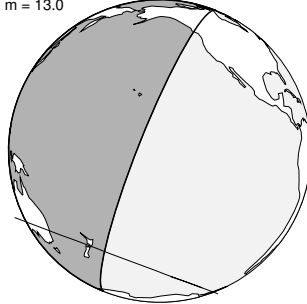
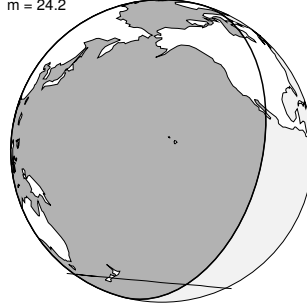
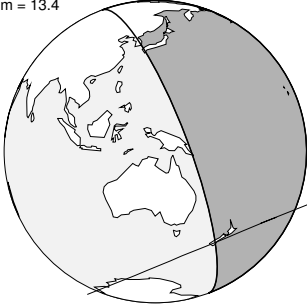
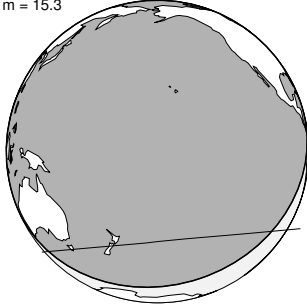
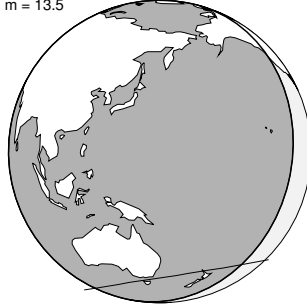
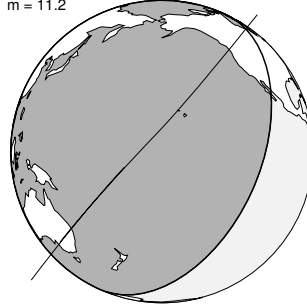
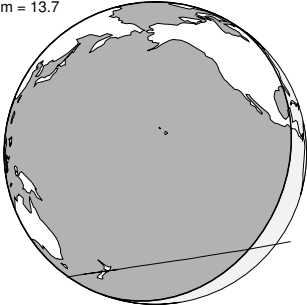
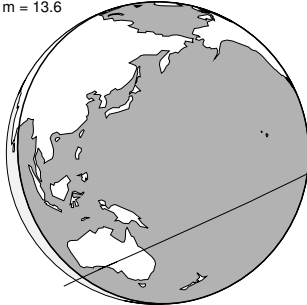
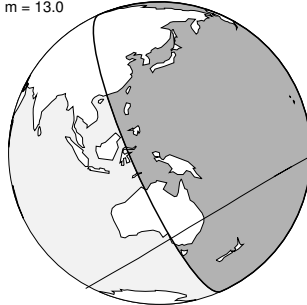
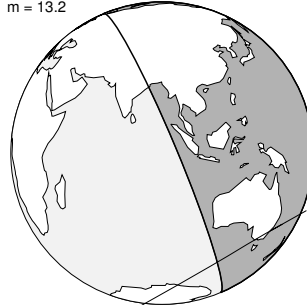
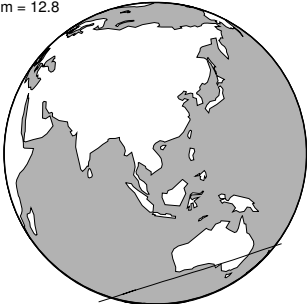
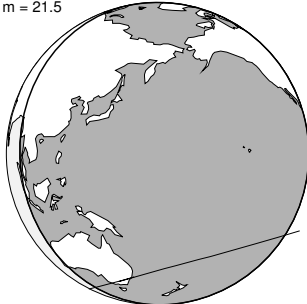
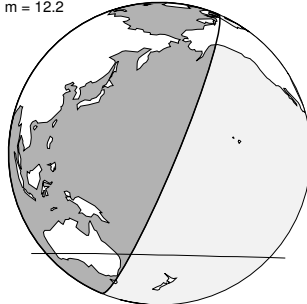
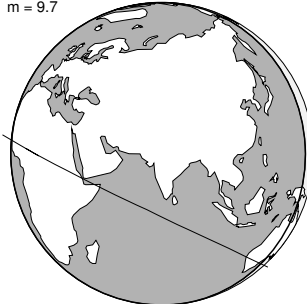
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 nov 12 15h50.5m</b> A24_11057 240 Vanadis TYC 1384–01329–1 Diam = 108.0 m = 11.3 m = 12.9</p> <p>Dur = 14.0s Dmag = 1.9 Sun: 110° Moon: 115°</p>	<p><b>2024 nov 12 15h53.1m</b> A24_11058 240 Vanadis UCAC4 547–043944 Diam = 108.0 m = 11.1 m = 12.9</p> <p>Dur = 14.0s Dmag = 2.0 Sun: 110° Moon: 115°</p>	<p><b>2024 nov 13 11h50.8m</b> A24_11111 734 Benda TYC 1221–00733–1 Diam = 78.6 m = 11.5 m = 13.7</p> <p>Dur = 7.0s Dmag = 2.4 Sun: 167° Moon: 23°</p>	<p><b>2024 nov 15 12h21.8m</b> A24_11066 284 Amalia TYC 1257–00231–1 Diam = 55.1 m = 11.5 m = 13.5</p> <p>Dur = 4.2s Dmag = 2.1 Sun: 171° Moon: 14°</p>
<p><b>2024 nov 15 14h 3.5m</b> A24_11007 16 Psyche TYC 6347–00665–1 Diam = 264.0 m = 11.8 m = 11.0</p> <p>Dur = 12.2s Dmag = 0.4 Sun: 82° Moon: 93°</p>	<p><b>2024 nov 16 13h58.7m</b> A24_11096 554 Peraga UCAC4 413–146065 Diam = 98.5 m = 12.3 m = 13.1</p> <p>Dur = 7.4s Dmag = 1.2 Sun: 98° Moon: 91°</p>	<p><b>2024 nov 17 14h32.4m</b> A24_11135 1051 Merope TYC 5322–01235–1 Diam = 68.6 m = 11.1 m = 14.9</p> <p>Dur = 4.9s Dmag = 3.8 Sun: 147° Moon: 36°</p>	<p><b>2024 nov 18 14h 9.4m</b> A24_11139 1109 Tata TYC 1815–00462–1 Diam = 69.5 m = 9.9 m = 15.1</p> <p>Dur = 4.7s Dmag = 5.2 Sun: 169° Moon: 27°</p>
<p><b>2024 nov 20 11h13.9m</b> A24_11048 187 Lamberta TYC 0018–00246–1 Diam = 135.0 m = 11.6 m = 13.6</p> <p>Dur = 16.6s Dmag = 2.1 Sun: 136° Moon: 103°</p>	<p><b>2024 nov 21 11h58.5m</b> A24_11090 465 Alekto PPMX 4876609 Diam = 76.6 m = 12.2 m = 14.9</p> <p>Dur = 4.7s Dmag = 2.8 Sun: 173° Moon: 75°</p>	<p><b>2024 nov 21 14h29.3m</b> B24_11008 612892 2004TV357 UCAC4 555–018378 Diam = 182.8 m = 13.6 m = 22.2</p> <p>Dur = 8.5s Dmag = 8.7 Sun: 153° Moon: 48°</p>	<p><b>2024 nov 22 10h52.5m</b> A24_11100 592 Bathseba UCAC4 393–133478 Diam = 57.5 m = 12.0 m = 14.7</p> <p>Dur = 3.7s Dmag = 2.8 Sun: 91° Moon: 171°</p>
<p><b>2024 nov 23 17h14.0m</b> A24_11105 679 Pax UCAC4 452–019223 Diam = 65.5 m = 9.8 m = 11.9</p> <p>Dur = 8.8s Dmag = 2.2 Sun: 137° Moon: 63°</p>	<p><b>2024 nov 25 17h54.6m</b> A24_11151 2249 Yamamoto TYC 0639–01020–1 Diam = 46.0 m = 11.2 m = 16.1</p> <p>Dur = 3.8s Dmag = 4.9 Sun: 156° Moon: 142°</p>	<p><b>2024 nov 26 11h 4.0m</b> A24_11132 1015 Christa UCAC4 343–202504 Diam = 101.0 m = 11.9 m = 15.1</p> <p>Dur = 3.6s Dmag = 3.2 Sun: 66° Moon: 119°</p>	<p><b>2024 nov 28 10h17.5m</b> A24_11050 194 Prokne UCAC4 362–202415 Diam = 174.0 m = 12.4 m = 11.8</p> <p>Dur = 10.4s Dmag = 0.5 Sun: 96° Moon: 127°</p>

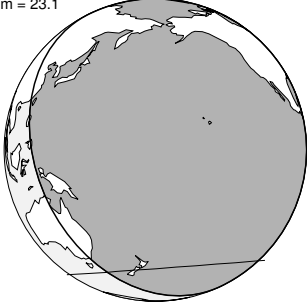
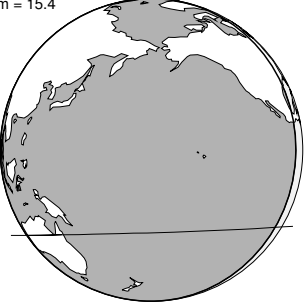

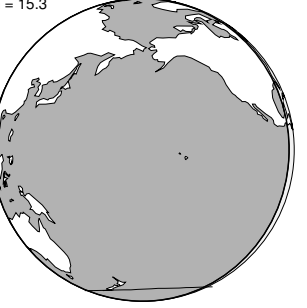
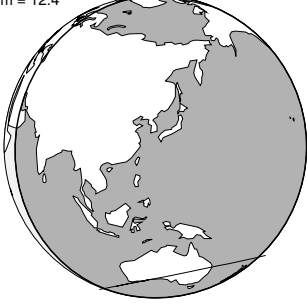

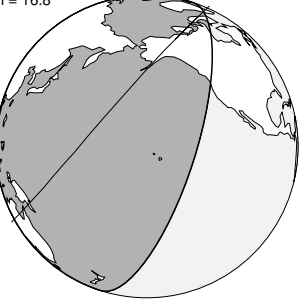
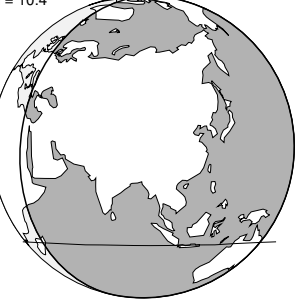
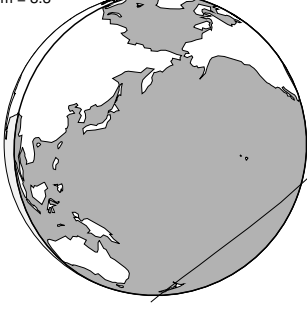
# Occultations by major and minor planets – 2024

# Region 8

<p><b>2024 nov 28 14h19.7m</b> A24_11051 204 Kallisto TYC 0756–02137–1 Diam = 50.8 m = 11.1 m = 13.9</p>  <p>Dur = 5.2s Dmag = 2.8 Sun: 141° Moon: 112°</p>	<p><b>2024 nov 30 12h41.2m</b> A24_11078 395 Delia TYC 1228–01518–1 Diam = 54.0 m = 9.4 m = 14.8</p>  <p>Dur = 4.6s Dmag = 5.4 Sun: 160° Moon: 169°</p>	<p><b>2024 nov 30 16h10.4m</b> A24_11068 313 Chaldaea TYC 4914–00733–1 Diam = 101.0 m = 13.0</p>  <p>Dur = 4.3s Dmag = 3.7 Sun: 81° Moon: 75°</p>	<p><b>2024 dec 1 13h58.9m</b> A24_12178 2000SR331 UCAC4 532–043842 Diam = 74.5 m = 12.1 m = 24.2</p>  <p>Dur = 5.2s Dmag = 12.1 Sun: 131° Moon: 134°</p>
<p><b>2024 dec 2 8h 5.9m</b> A24_12050 200 Dynamene TYC 5793–00870–1 Diam = 132.0 m = 10.6 m = 13.4</p>  <p>Dur = 5.5s Dmag = 2.8 Sun: 77° Moon: 65°</p>	<p><b>2024 dec 4 11h18.9m</b> A24_12159 1337 Gerarda TYC 4760–01316–1 Diam = 41.0 m = 11.1 m = 15.3</p>  <p>Dur = 3.4s Dmag = 4.2 Sun: 152° Moon: 136°</p>	<p><b>2024 dec 4 15h40.8m</b> A24_12085 420 Bertholda UCAC4 542–032936 Diam = 146.0 m = 12.0 m = 13.5</p>  <p>Dur = 13.6s Dmag = 1.7 Sun: 151° Moon: 165°</p>	<p><b>2024 dec 5 14h 3.1m</b> A24_12023 51 Nemausa UCAC4 480–041659 Diam = 152.3 m = 11.2</p>  <p>Dur = 45.0s Dmag = 0.3 Sun: 130° Moon: 161°</p>
<p><b>2024 dec 7 12h23.9m</b> A24_12052 204 Kallisto TYC 0755–01314–1 Diam = 50.8 m = 12.3 m = 13.7</p>  <p>Dur = 4.2s Dmag = 1.7 Sun: 151° Moon: 130°</p>	<p><b>2024 dec 8 11h57.9m</b> A24_12047 156 Xanthippe TYC 1241–00923–1 Diam = 126.0 m = 11.1 m = 13.6</p>  <p>Dur = 9.1s Dmag = 2.6 Sun: 157° Moon: 69°</p>	<p><b>2024 dec 12 9h46.6m</b> A24_12043 138 Tolosa TYC 4663–00538–1 Diam = 47.5 m = 11.6 m = 13.0</p>  <p>Dur = 3.4s Dmag = 1.7 Sun: 100° Moon: 39°</p>	<p><b>2024 dec 12 11h31.5m</b> A24_12034 94 Aurora UCAC4 422–137205 Diam = 212.0 m = 11.8 m = 13.2</p>  <p>Dur = 10.9s Dmag = 1.7 Sun: 84° Moon: 57°</p>
<p><b>2024 dec 13 16h46.7m</b> A24_12067 342 Endymion UCAC5 535–013223 Diam = 65.0 m = 12.4 m = 12.8</p>  <p>Dur = 6.8s Dmag = 1.0 Sun: 173° Moon: 24°</p>	<p><b>2024 dec 17 11h12.2m</b> B24_12004 143707 2003UY117 UCAC4 568–008853 Diam = 267.9 m = 14.8 m = 21.5</p>  <p>Dur = 12.3s Dmag = 6.7 Sun: 155° Moon: 51°</p>	<p><b>2024 dec 18 18h38.0m</b> A24_12110 674 Rachele TYC 1441–00713–1 Diam = 101.0 m = 12.2 m = 12.2</p>  <p>Dur = 6.7s Dmag = 0.7 Sun: 96° Moon: 41°</p>	<p><b>2024 dec 19 20h14.8m</b> A24_12005 14 Irene TYC 1900–01917–1 Diam = 152.4 m = 9.2 m = 9.7</p>  <p>Dur = 14.8s Dmag = 1.0 Sun: 161° Moon: 37°</p>

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<p><b>2024 dec 20 9h21.3m</b> B24_12010 2013TN187 UCAC4 500-005207 Diam = 119.7 m = 14.6 m = 23.1</p>  <p>Dur = 6.5s Dmag = 8.6 Sun: 142° Moon: 99°</p>	<p><b>2024 dec 20 13h 2.8m</b> A24_12154 1254 Erfordia UCAC4 569-037571 Diam = 49.2 m = 12.1 m = 15.4</p>  <p>Dur = 4.0s Dmag = 3.3 Sun: 162° Moon: 46°</p>	<p><b>2024 dec 20 16h15.0m</b> A24_12058 238 Hypatia TYC 0169-01734-1 Diam = 156.0 m = 12.1 m = 12.4</p>  <p>Dur = 15.0s Dmag = 0.9 Sun: 150° Moon: 46°</p>	<p><b>2024 dec 22 12h37.1m</b> A24_12155 1254 Erfordia TYC 1896-01878-1 Diam = 49.2 m = 8.3 m = 15.3</p>  <p>Dur = 3.9s Dmag = 7.0 Sun: 164° Moon: 71°</p>
<p><b>2024 dec 26 13h51.1m</b> A24_12021 47 Aglaja TYC 1843-01027-1 Diam = 137.0 m = 11.9 m = 12.4</p>  <p>Dur = 11.7s Dmag = 1.0 Sun: 157° Moon: 151°</p>	<p><b>2024 dec 26 14h41.7m</b> P24_12002 Jupiter TYC 1292-00552-1 Diam = 133542.0 m = 9.6 m = -2.8</p>  <p>Dur = 9643.0s Dmag = 0.0 Sun: 158° Moon: 151°</p>	<p><b>2024 dec 26 16h 0.5m</b> A24_12175 4836 Medon HIP 56758 Diam = 52.5 m = 8.8 m = 16.8</p>  <p>Dur = 4.8s Dmag = 8.0 Sun: 108° Moon: 64°</p>	<p><b>2024 dec 29 15h16.7m</b> A24_12004 13 Egeria UCAC4 630-014526 Diam = 215.0 m = 12.4 m = 10.4</p>  <p>Dur = 30.0s Dmag = 0.2 Sun: 143° Moon: 160°</p>
<p><b>2024 dec 30 11h32.5m</b> A24_12010 15 Eunomia UCAC4 609-016886 Diam = 272.0 m = 11.4 m = 8.3</p>  <p>Dur = 29.0s Dmag = 0.1 Sun: 157° Moon: 165°</p>			