

# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 jan 8 12h52.7m</b> A11_01052 419 Aurelia UCAC2 38755148 Diam = 133.0 m = 11.2 m = 13.3</p> <p>Dur = 9.4s Dmag = 2.2 Sun: 158° Moon: 112°</p>	<p><b>2011 jan 8 18h56.3m</b> A11_01020 89 Julia HIP 49279 Diam = 159.0 m = 7.2 m = 11.2</p> <p>Dur = 17.0s Dmag = 4.0 Sun: 138° Moon: 171°</p>	<p><b>2011 jan 12 18h 3.2m</b> A11_01014 58 Concordia TYC 4964-00539-1 Diam = 97.7 m = 11.4 m = 13.8</p> <p>Dur = 6.0s Dmag = 2.6 Sun: 92° Moon: 171°</p>	<p><b>2011 jan 12 18h52.5m</b> A11_01016 62 Erato TYC 1395-00482-1 Diam = 99.3 m = 10.2 m = 13.1</p> <p>Dur = 8.2s Dmag = 3.0 Sun: 164° Moon: 102°</p>
<p><b>2011 jan 13 16h 0.0m</b> A11_01086 1114 Lorraine UCAC2 34254556 Diam = 63.0 m = 11.9 m = 14.3</p> <p>Dur = 5.1s Dmag = 2.5 Sun: 161° Moon: 69°</p>	<p><b>2011 jan 16 17h15.7m</b> A11_01080 791 Ani TYC 1392-02228-1 Diam = 107.0 m = 11.8 m = 14.5</p> <p>Dur = 6.5s Dmag = 2.8 Sun: 167° Moon: 53°</p>	<p><b>2011 jan 27 14h33.2m</b> A11_01079 747 Winchester TYC 1347-01056-1 Diam = 178.0 m = 11.6 m = 10.9</p> <p>Dur = 15.3s Dmag = 0.5 Sun: 162° Moon: 119°</p>	<p><b>2011 jan 30 18h22.7m</b> A11_01059 544 Jetta TYC 4925-00117-1 Diam = 26.0 m = 10.2 m = 14.3</p> <p>Dur = 3.6s Dmag = 4.2 Sun: 139° Moon: 102°</p>
<p><b>2011 feb 3 12h 2.9m</b> A11_02028 297 Caecilia UCAC2 42561223 Diam = 45.8 m = 11.2 m = 15.0</p> <p>Dur = 5.2s Dmag = 3.9 Sun: 138° Moon: 134°</p>	<p><b>2011 feb 3 13h57.4m</b> B11_02004 2003YM179 UCAC2 41501240 Diam = 75.9 m = 13.8 m = 24.4</p> <p>Dur = 5.3s Dmag = 10.7 Sun: 127° Moon: 122°</p>	<p><b>2011 feb 4 14h 1.5m</b> A11_02008 51 Nemausa TYC 5546-01325-1 Diam = 152.3 m = 11.0 m = 11.5</p> <p>Dur = 15.6s Dmag = 1.0 Sun: 108° Moon: 125°</p>	<p><b>2011 feb 14 10h20.5m</b> A11_02043 559 Nanon UCAC2 37659151 Diam = 80.0 m = 11.6 m = 14.6</p> <p>Dur = 7.9s Dmag = 3.1 Sun: 101° Moon: 26°</p>
<p><b>2011 feb 16 18h57.9m</b> A11_02019 194 Prokne TYC 5077-00889-1 Diam = 174.0 m = 11.7 m = 12.8</p> <p>Dur = 5.7s Dmag = 1.4 Sun: 71° Moon: 131°</p>	<p><b>2011 feb 25 9h53.5m</b> A11_02042 554 Peraga TYC 1877-01522-1 Diam = 98.5 m = 12.8 m = 12.6</p> <p>Dur = 16.0s Dmag = 0.7 Sun: 117° Moon: 158°</p>	<p><b>2011 feb 26 14h20.6m</b> A11_02014 139 Juewa TYC 0278-00035-1 Diam = 164.0 m = 10.9 m = 10.7</p> <p>Dur = 18.8s Dmag = 0.7 Sun: 163° Moon: 94°</p>	<p><b>2011 feb 27 17h34.1m</b> A11_02041 521 Brixia UCAC2 23215208 Diam = 103.0 m = 11.7 m = 14.8</p> <p>Dur = 3.5s Dmag = 3.2 Sun: 61° Moon: 4°</p>

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# Region 8

<p><b>2011 feb 28 19h50.3m</b> A11_02003 10 Hygiea TYC 6764-01324-1 Diam = 429.0 m = 11.4 m = 10.6</p> <p>Dur = 38.7s Dmag = 0.4 Sun: 103° Moon: 60°</p>	<p><b>2011 mar 1 18h18.0m</b> A11_03031 306 Unitas HIP 73565 Diam = 49.2 m = 13.2</p> <p>Dur = 6.6s Dmag = 6.4 Sun: 114° Moon: 81°</p>	<p><b>2011 mar 4 12h43.8m</b> A11_03028 256 Walpurga TYC 5564-00534-1 Diam = 66.1 m = 11.4 m = 14.6</p> <p>Dur = 10.7s Dmag = 3.2 Sun: 123° Moon: 119°</p>	<p><b>2011 mar 4 13h31.2m</b> A11_03021 171 Ophelia TYC 4950-00949-1 Diam = 121.0 m = 12.5</p> <p>Dur = 16.4s Dmag = 0.8 Sun: 149° Moon: 146°</p>
<p><b>2011 mar 7 12h22.8m</b> A11_03066 1269 Rollandia TYC 1358-02256-1 Diam = 109.0 m = 11.6 m = 14.7</p> <p>Dur = 93.9s Dmag = 3.2 Sun: 122° Moon: 93°</p>	<p><b>2011 mar 7 14h16.6m</b> A11_03064 943 Begonia TYC 5005-00340-1 Diam = 72.0 m = 11.5 m = 14.9</p> <p>Dur = 14.2s Dmag = 3.4 Sun: 119° Moon: 145°</p>	<p><b>2011 mar 9 12h23.6m</b> A11_03039 510 Mabella TYC 0723-00495-1 Diam = 59.3 m = 11.7 m = 15.4</p> <p>Dur = 5.8s Dmag = 3.7 Sun: 99° Moon: 51°</p>	<p><b>2011 mar 11 15h26.4m</b> A11_03005 21 Lutetia TYC 6842-01871-1 Diam = 99.5 m = 10.1 m = 12.2</p> <p>Dur = 3.9s Dmag = 2.2 Sun: 78° Moon: 153°</p>
<p><b>2011 mar 13 14h50.5m</b> A11_03040 511 Davida UCAC2 25614501 Diam = 337.0 m = 11.7 m = 12.9</p> <p>Dur = 16.1s Dmag = 1.5 Sun: 75° Moon: 170°</p>	<p><b>2011 mar 15 10h46.6m</b> A11_03058 727 Nipponia TYC 1426-00674-1 Diam = 37.5 m = 10.2 m = 13.5</p> <p>Dur = 3.7s Dmag = 3.4 Sun: 153° Moon: 37°</p>	<p><b>2011 mar 16 14h16.0m</b> A11_03059 804 Hispania TYC 6112-00554-1 Diam = 140.6 m = 12.3 m = 12.5</p> <p>Dur = 11.3s Dmag = 0.9 Sun: 152° Moon: 70°</p>	<p><b>2011 mar 20 12h36.9m</b> A11_03025 205 Martha HIP 54259 Diam = 83.5 m = 9.1 m = 13.3</p> <p>Dur = 6.5s Dmag = 4.2 Sun: 165° Moon: 21°</p>
<p><b>2011 mar 20 20h53.4m</b> A11_03019 142 Polana TYC 6163-00605-1 Diam = 57.0 m = 13.5</p> <p>Dur = 43.3s Dmag = 1.2 Sun: 132° Moon: 32°</p>	<p><b>2011 mar 22 16h32.3m</b> A11_03029 282 Clorinde TYC 0301-00114-1 Diam = 40.0 m = 10.5 m = 14.0</p> <p>Dur = 3.7s Dmag = 3.5 Sun: 165° Moon: 34°</p>	<p><b>2011 mar 26 17h58.8m</b> A11_03022 192 Nausikaa UCAC2 22357952 Diam = 107.0 m = 11.6 m = 12.2</p> <p>Dur = 3.0s Dmag = 1.1 Sun: 60° Moon: 28°</p>	<p><b>2011 apr 1 18h22.3m</b> A11_04029 134 Sophrosyne TYC 6133-00208-1 Diam = 107.0 m = 12.3 m = 12.7</p> <p>Dur = 8.8s Dmag = 1.0 Sun: 159° Moon: 142°</p>

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# Region 8

<p><b>2011 apr 3 8h59.3m</b> A11_04054 476 Hedwig UCAC2 39290268 Diam = 121.0 m = 10.6 m = 14.0</p> <p>Dur = 6.6s Dmag = 3.5 Sun: 84° Moon: 87°</p>	<p><b>2011 apr 3 11h21.5m</b> A11_04018 58 Concordia TYC 4961-00152-1 Diam = 97.7 m = 12.3 m = 12.2</p> <p>Dur = 9.0s Dmag = 0.7 Sun: 173° Moon: 168°</p>	<p><b>2011 apr 3 16h42.9m</b> A11_04020 64 Angelina TYC 6816-00134-1 Diam = 96.8 m = 11.3 m = 12.2</p> <p>Dur = 25.4s Dmag = 1.3 Sun: 114° Moon: 116°</p>	<p><b>2011 apr 5 10h 1.4m</b> A11_04047 348 May TYC 1872-00586-1 Diam = 88.0 m = 11.7 m = 14.9</p> <p>Dur = 3.7s Dmag = 3.3 Sun: 76° Moon: 56°</p>
<p><b>2011 apr 9 9h12.3m</b> A11_04021 71 Niobe UCAC2 11093045 Diam = 87.3 m = 12.0 m = 10.5</p> <p>Dur = 9.1s Dmag = 0.2 Sun: 139° Moon: 123°</p>	<p><b>2011 apr 10 18h47.8m</b> A11_04041 241 Germania TYC 6858-02073-1 Diam = 169.0 m = 11.4 m = 13.1</p> <p>Dur = 15.2s Dmag = 1.9 Sun: 101° Moon: 176°</p>	<p><b>2011 apr 12 12h33.3m</b> A11_04072 874 Rotraut UCAC2 35566150 Diam = 58.3 m = 11.6 m = 15.6</p> <p>Dur = 4.2s Dmag = 4.0 Sun: 95° Moon: 10°</p>	<p><b>2011 apr 13 12h54.9m</b> A11_04050 377 Campania TYC 6238-00874-1 Diam = 94.0 m = 11.2 m = 13.8</p> <p>Dur = 26.8s Dmag = 2.7 Sun: 121° Moon: 122°</p>
<p><b>2011 apr 14 15h 3.3m</b> A11_04065 607 Jenny UCAC2 20733169 Diam = 65.5 m = 11.4 m = 14.5</p> <p>Dur = 5.3s Dmag = 3.2 Sun: 99° Moon: 129°</p>	<p><b>2011 apr 14 15h47.6m</b> B11_04002 2001KF76 UCAC2 22033856 Diam = 120.2 m = 13.8 m = 23.8</p> <p>Dur = 8.9s Dmag = 9.9 Sun: 128° Moon: 100°</p>	<p><b>2011 apr 15 14h 7.9m</b> A11_04025 89 Julia TYC 0811-02238-1 Diam = 159.0 m = 13.0 m = 11.9</p> <p>Dur = 35.2s Dmag = 0.3 Sun: 109° Moon: 35°</p>	<p><b>2011 apr 16 15h40.8m</b> A11_04046 322 Phaeo UCAC2 24727207 Diam = 73.8 m = 11.5 m = 14.2</p> <p>Dur = 4.2s Dmag = 2.8 Sun: 92° Moon: 108°</p>
<p><b>2011 apr 18 11h22.4m</b> A11_04059 516 Amherstia TYC 1383-00333-1 Diam = 75.7 m = 10.5 m = 12.7</p> <p>Dur = 6.3s Dmag = 2.3 Sun: 97° Moon: 87°</p>	<p><b>2011 apr 18 16h44.5m</b> B11_04004 2005GA187 UCAC2 24359840 Diam = 104.7 m = 13.4 m = 23.3</p> <p>Dur = 4.3s Dmag = 9.9 Sun: 166° Moon: 4°</p>	<p><b>2011 apr 19 7h44.6m</b> B11_04003 2002FW36 UCAC2 34655310 Diam = 158.5 m = 13.8 m = 23.0</p> <p>Dur = 9.3s Dmag = 9.2 Sun: 136° Moon: 61°</p>	<p><b>2011 apr 20 9h 1.2m</b> A11_04008 19 Fortuna TYC 4955-00685-1 Diam = 149.0 m = 11.4 m = 11.2</p> <p>Dur = 12.2s Dmag = 0.6 Sun: 163° Moon: 48°</p>

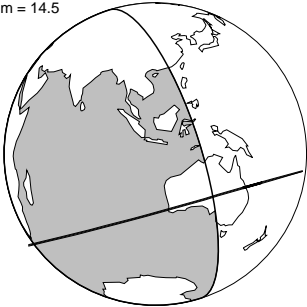
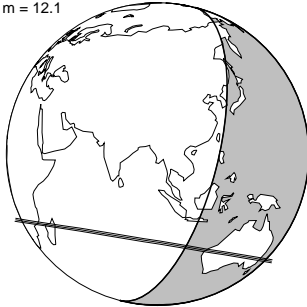
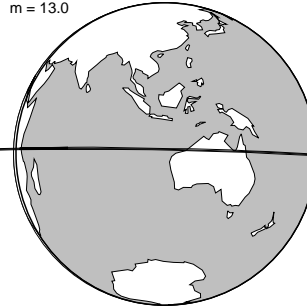
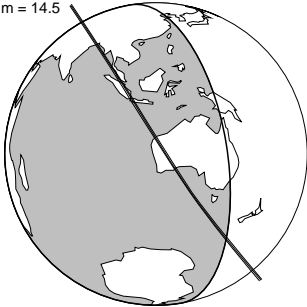
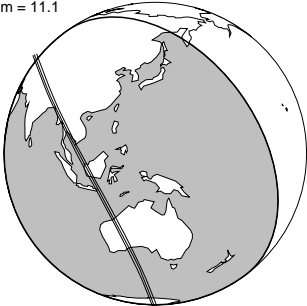
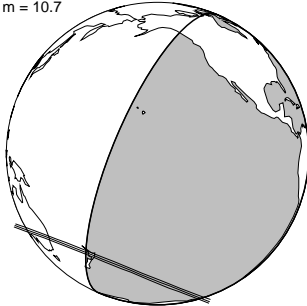
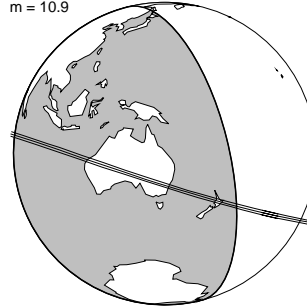
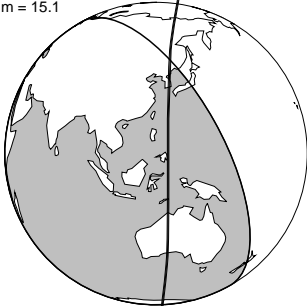
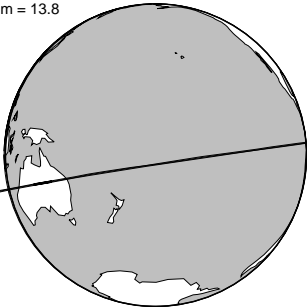
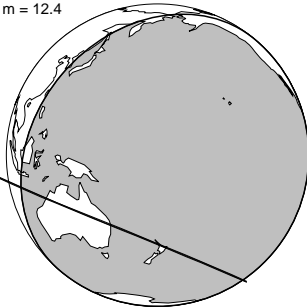
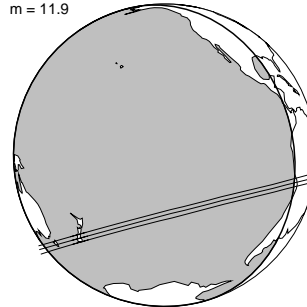
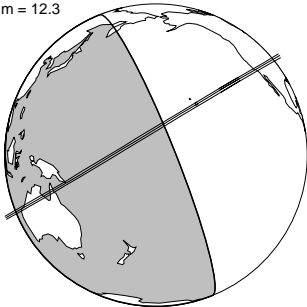
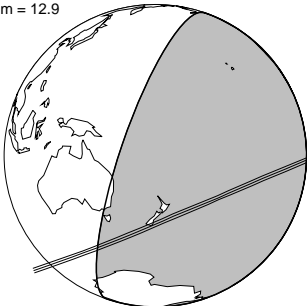
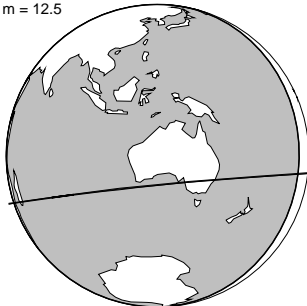
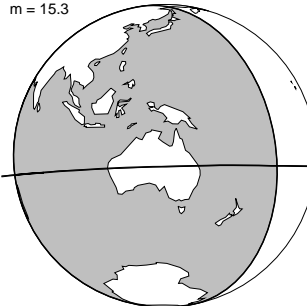
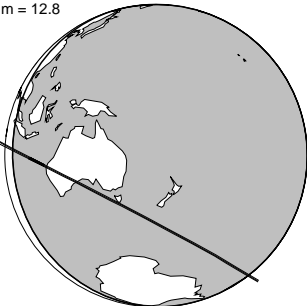
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# Region 8

<p><b>2011 apr 20 15h34.9m</b> A11_04015 43 Ariadne TYC 6861-01746-1 Diam = 65.3 m = 10.9 m = 11.1</p> <p>Dur = 6.8s Dmag = 0.9 Sun: 113° Moon: 31°</p>	<p><b>2011 apr 20 17h13.2m</b> A11_04036 191 Kolga HIP 110378 Diam = 105.0 m = 7.6 m = 14.8</p> <p>Dur = 3.0s Dmag = 7.2 Sun: 55° Moon: 89°</p>	<p><b>2011 apr 30 12h59.7m</b> A11_04051 382 Dodona TYC 7397-00001-1 Diam = 60.0 m = 10.2 m = 13.2</p> <p>Dur = 30.2s Dmag = 3.1 Sun: 124° Moon: 95°</p>	<p><b>2011 may 1 15h39.9m</b> A11_05049 405 Thia TYC 6859-01200-1 Diam = 129.0 m = 11.6 m = 12.0</p> <p>Dur = 21.4s Dmag = 0.9 Sun: 119° Moon: 101°</p>
<p><b>2011 may 6 16h11.8m</b> A11_05009 71 Niobe TYC 8236-01986-1 Diam = 87.3 m = 10.1 m = 10.5</p> <p>Dur = 11.4s Dmag = 1.0 Sun: 138° Moon: 117°</p>	<p><b>2011 may 8 11h10.2m</b> A11_05008 66 Maja TYC 1390-01563-1 Diam = 78.3 m = 10.8 m = 14.6</p> <p>Dur = 3.0s Dmag = 3.9 Sun: 74° Moon: 15°</p>	<p><b>2011 may 10 17h 6.4m</b> A11_05003 27 Euterpe FK6 3881 Diam = 124.0 m = 6.3 m = 12.3</p> <p>Dur = 3.7s Dmag = 6.0 Sun: 58° Moon: 146°</p>	<p><b>2011 may 11 10h37.7m</b> A11_05011 134 Sophrosyne TYC 6114-01595-1 Diam = 107.0 m = 12.1 m = 12.9</p> <p>Dur = 11.9s Dmag = 1.2 Sun: 147° Moon: 52°</p>
<p><b>2011 may 12 9h29.4m</b> A11_05031 195 Eurykleia TYC 6140-00396-1 Diam = 89.0 m = 10.6 m = 13.2</p> <p>Dur = 8.3s Dmag = 2.7 Sun: 161° Moon: 52°</p>	<p><b>2011 may 12 10h 3.4m</b> A11_05073 2008LP17 UCAC2 27308497 Diam = 158.5 m = 11.9 m = 21.3</p> <p>Dur = 7.0s Dmag = 9.5 Sun: 174° Moon: 70°</p>	<p><b>2011 may 12 14h15.6m</b> A11_05045 359 Georgia TYC 6771-01180-1 Diam = 47.0 m = 11.7 m = 12.7</p> <p>Dur = 3.9s Dmag = 1.4 Sun: 170° Moon: 72°</p>	<p><b>2011 may 13 17h38.8m</b> A11_05027 194 Prokne TYC 0454-00875-1 Diam = 174.0 m = 9.2 m = 11.3</p> <p>Dur = 26.9s Dmag = 2.2 Sun: 126° Moon: 101°</p>
<p><b>2011 may 14 13h46.4m</b> A11_05024 178 Belisana UCAC2 21841739 Diam = 37.8 m = 11.9 m = 13.0</p> <p>Dur = 10.5s Dmag = 1.4 Sun: 140° Moon: 79°</p>	<p><b>2011 may 17 15h49.6m</b> A11_05023 178 Belisana TYC 6847-01078-1 Diam = 37.8 m = 11.3 m = 12.9</p> <p>Dur = 8.4s Dmag = 1.8 Sun: 143° Moon: 33°</p>	<p><b>2011 may 17 17h56.6m</b> A11_05053 511 Davida TYC 6280-02000-1 Diam = 337.0 m = 12.2 m = 12.1</p> <p>Dur = 43.6s Dmag = 0.7 Sun: 134° Moon: 42°</p>	<p><b>2011 may 18 12h18.8m</b> A11_05071 1467 Mashona TYC 6084-00871-1 Diam = 112.0 m = 12.1 m = 14.5</p> <p>Dur = 35.1s Dmag = 2.5 Sun: 117° Moon: 76°</p>

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<p><b>2011 may 21 21h40.3m</b> A11_05057 558 Carmen TYC 5765-00636-1 Diam = 61.6 m = 11.8 m = 14.5</p>  <p>Dur = 8.5s Dmag = 2.8 Sun: 107° Moon: 16°</p>	<p><b>2011 may 22 10h22.0m</b> A11_05004 28 Bellona UCAC2 38611902 Diam = 126.0 m = 10.2 m = 12.1</p>  <p>Dur = 4.1s Dmag = 2.1 Sun: 66° Moon: 175°</p>	<p><b>2011 may 22 15h46.5m</b> A11_05066 718 Erida HIP 74332 Diam = 76.5 m = 9.1 m = 13.0</p>  <p>Dur = 8.7s Dmag = 3.9 Sun: 169° Moon: 76°</p>	<p><b>2011 may 22 20h47.9m</b> A11_05058 567 Eleutheria UCAC2 20520695 Diam = 97.0 m = 11.5 m = 14.5</p>  <p>Dur = 18.2s Dmag = 3.1 Sun: 117° Moon: 14°</p>
<p><b>2011 may 23 17h22.3m</b> A11_05029 194 Prokne UCAC2 33976213 Diam = 174.0 m = 12.0 m = 11.1</p>  <p>Dur = 31.7s Dmag = 0.4 Sun: 133° Moon: 46°</p>	<p><b>2011 may 24 5h15.6m</b> A11_05002 20 Massalia HIP 55460 Diam = 151.0 m = 8.3 m = 10.7</p>  <p>Dur = 15.3s Dmag = 2.6 Sun: 107° Moon: 156°</p>	<p><b>2011 may 27 18h43.5m</b> A11_05001 9 Metis TYC 6357-00351-1 Diam = 183.7 m = 11.5 m = 10.9</p>  <p>Dur = 33.0s Dmag = 0.5 Sun: 114° Moon: 59°</p>	<p><b>2011 may 27 19h36.9m</b> A11_05069 1051 Merope UCAC2 34918297 Diam = 68.6 m = 11.9 m = 15.1</p>  <p>Dur = 8.5s Dmag = 3.3 Sun: 116° Moon: 64°</p>
<p><b>2011 may 30 10h29.4m</b> A11_05038 293 Brasilia TYC 6199-00141-1 Diam = 58.0 m = 11.8 m = 13.8</p>  <p>Dur = 4.5s Dmag = 2.2 Sun: 172° Moon: 160°</p>	<p><b>2011 may 30 10h31.6m</b> A11_05067 737 Arequipa HIP 71507 Diam = 46.3 m = 9.5 m = 12.4</p>  <p>Dur = 5.9s Dmag = 3.0 Sun: 145° Moon: 162°</p>	<p><b>2011 may 30 11h21.5m</b> A11_05055 511 Davida TYC 6271-01336-1 Diam = 337.0 m = 11.5 m = 11.9</p>  <p>Dur = 28.1s Dmag = 1.0 Sun: 148° Moon: 121°</p>	<p><b>2011 may 30 16h55.1m</b> A11_05050 444 Gyptis TYC 5211-00692-1 Diam = 170.0 m = 11.8 m = 12.3</p>  <p>Dur = 10.6s Dmag = 1.0 Sun: 97° Moon: 72°</p>
<p><b>2011 may 31 6h59.4m</b> A11_05064 702 Alauda TYC 6079-01088-1 Diam = 202.0 m = 11.8 m = 12.9</p>  <p>Dur = 17.5s Dmag = 1.5 Sun: 103° Moon: 121°</p>	<p><b>2011 may 31 17h 2.5m</b> A11_05025 178 Belisana TYC 6846-01079-1 Diam = 37.8 m = 12.1 m = 12.5</p>  <p>Dur = 4.8s Dmag = 1.0 Sun: 159° Moon: 146°</p>	<p><b>2011 may 31 17h50.1m</b> A11_05039 295 Theresia UCAC2 23505883 Diam = 30.6 m = 11.2 m = 15.3</p>  <p>Dur = 5.2s Dmag = 4.1 Sun: 137° Moon: 124°</p>	<p><b>2011 jun 1 11h33.7m</b> A11_06058 639 Latona UCAC2 20873730 Diam = 74.5 m = 11.6 m = 12.8</p>  <p>Dur = 6.1s Dmag = 1.5 Sun: 161° Moon: 166°</p>

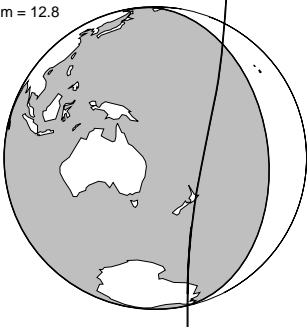
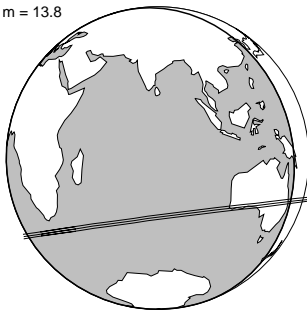
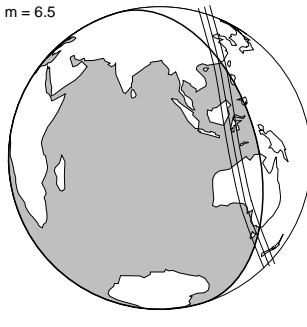
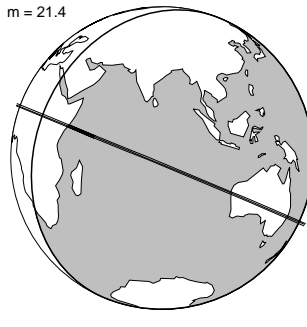
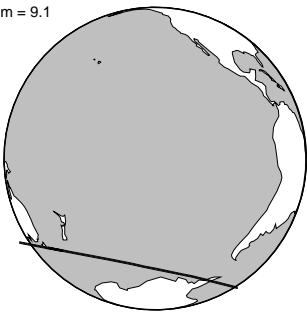
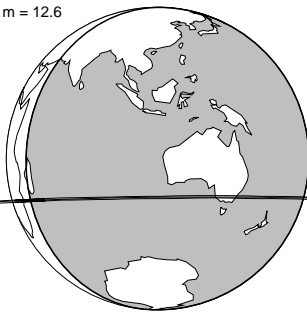
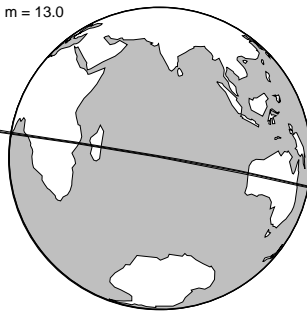
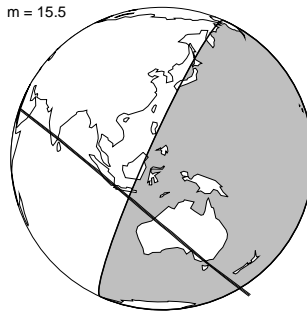
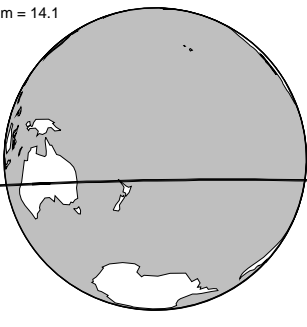
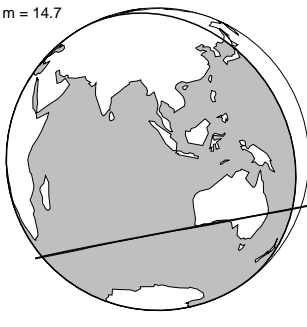
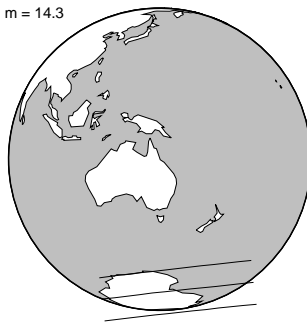
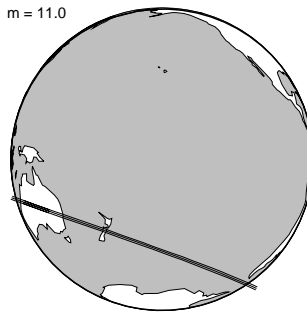
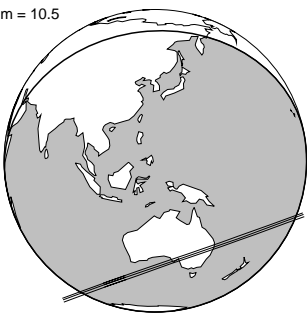
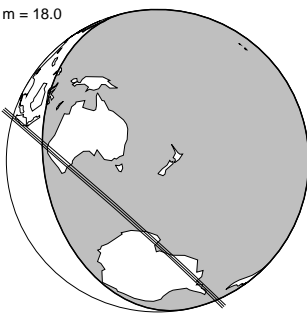
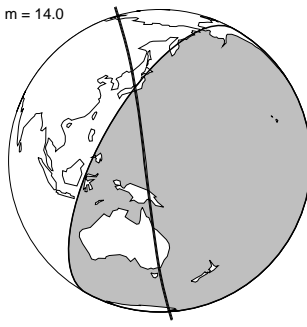
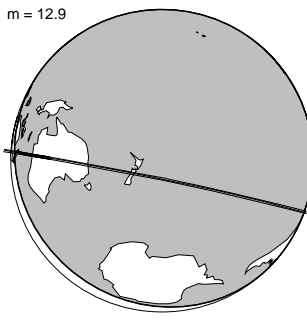
# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 jun 1 14h43.6m</b> A11_06026 194 Prokne HIP 90826 Diam = 174.0 m = 7.4 m = 10.9</p> <p>Dur = 30.7s Dmag = 3.5 Sun: 139° Moon: 136°</p>	<p><b>2011 jun 3 12h55.7m</b> A11_06022 155 Scylla TYC 7415-03223-1 Diam = 49.5 m = 11.3 m = 16.7</p> <p>Dur = 3.6s Dmag = 5.4 Sun: 151° Moon: 166°</p>	<p><b>2011 jun 3 17h14.7m</b> A11_06007 35 Leukothea TYC 7337-00223-1 Diam = 108.0 m = 10.1 m = 11.7</p> <p>Dur = 13.1s Dmag = 1.8 Sun: 164° Moon: 147°</p>	<p><b>2011 jun 4 16h31.5m</b> A11_06039 382 Dodona TYC 7395-00575-1 Diam = 60.0 m = 10.6 m = 12.6</p> <p>Dur = 6.8s Dmag = 2.1 Sun: 159° Moon: 161°</p>
<p><b>2011 jun 7 7h 1.3m</b> A11_06056 566 Stereokopia TYC 6209-00946-1 Diam = 175.0 m = 10.4 m = 13.2</p> <p>Dur = 12.7s Dmag = 2.9 Sun: 167° Moon: 102°</p>	<p><b>2011 jun 9 10h35.1m</b> A11_06050 487 Venetia UCAC2 25213934 Diam = 64.0 m = 11.9 m = 12.5</p> <p>Dur = 11.7s Dmag = 1.1 Sun: 139° Moon: 126°</p>	<p><b>2011 jun 10 15h15.8m</b> A11_06021 111 Ate UCAC2 24121000 Diam = 139.0 m = 10.5 m = 12.4</p> <p>Dur = 31.4s Dmag = 2.1 Sun: 135° Moon: 26°</p>	<p><b>2011 jun 12 12h55.8m</b> A11_06063 820 Adriana UCAC2 25342086 Diam = 61.0 m = 11.2 m = 14.5</p> <p>Dur = 5.1s Dmag = 3.3 Sun: 173° Moon: 41°</p>
<p><b>2011 jun 12 13h51.8m</b> B11_06004 2004OJ14 UCAC2 20984759 Diam = 173.8 m = 13.0 m = 23.1</p> <p>Dur = 9.8s Dmag = 10.1 Sun: 137° Moon: 85°</p>	<p><b>2011 jun 12 17h16.6m</b> A11_06004 27 Euterpe HIP 1127 Diam = 124.0 m = 8.7 m = 12.0</p> <p>Dur = 5.1s Dmag = 3.4 Sun: 78° Moon: 143°</p>	<p><b>2011 jun 13 12h37.2m</b> A11_06072 1194 Aletta UCAC2 20253442 Diam = 56.8 m = 10.8 m = 14.4</p> <p>Dur = 4.9s Dmag = 3.7 Sun: 162° Moon: 47°</p>	<p><b>2011 jun 14 17h56.3m</b> A11_06069 1049 Gotha TYC 7865-00171-1 Diam = 58.2 m = 10.6 m = 15.4</p> <p>Dur = 4.4s Dmag = 4.9 Sun: 155° Moon: 20°</p>
<p><b>2011 jun 16 10h 4.9m</b> A11_06005 32 Pomona TYC 5734-01266-1 Diam = 82.0 m = 11.2 m = 11.3</p> <p>Dur = 10.1s Dmag = 0.8 Sun: 152° Moon: 21°</p>	<p><b>2011 jun 16 12h31.8m</b> A11_06062 779 Nina TYC 6721-01404-1 Diam = 72.0 m = 11.9 m = 12.9</p> <p>Dur = 9.5s Dmag = 1.4 Sun: 123° Moon: 65°</p>	<p><b>2011 jun 18 14h39.2m</b> A11_06037 366 Vincentina TYC 7886-02550-1 Diam = 98.1 m = 12.1 m = 12.9</p> <p>Dur = 8.3s Dmag = 1.2 Sun: 164° Moon: 37°</p>	<p><b>2011 jun 19 8h24.2m</b> A11_06010 35 Leukothea TYC 7332-00231-1 Diam = 108.0 m = 10.8 m = 12.0</p> <p>Dur = 18.1s Dmag = 1.6 Sun: 151° Moon: 71°</p>

# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 jun 19 16h35.6m</b> A11_06028 197 Arete TYC 6926-00546-1 Diam = 32.0 m = 12.2</p>  <p>Dur = 6.6s Dmag = 1.1 Sun: 138° Moon: 13°</p>	<p><b>2011 jun 20 20h29.0m</b> A11_06020 76 Freia UCAC2 24975426 Diam = 190.0 m = 12.0</p>  <p>Dur = 15.1s Dmag = 2.0 Sun: 153° Moon: 34°</p>	<p><b>2011 jun 21 21h29.7m</b> A11_06002 4 Vesta TYC 6365-00736-1 Diam = 501.0 m = 11.6</p>  <p>Dur = 154.8s Dmag = 0.0 Sun: 130° Moon: 24°</p>	<p><b>2011 jun 22 16h15.6m</b> B11_06005 2007JK43 UCAC2 26905600 Diam = 100.0 m = 13.2</p>  <p>Dur = 5.0s Dmag = 8.2 Sun: 147° Moon: 113°</p>
<p><b>2011 jun 23 9h13.4m</b> A11_06013 43 Ariadne UCAC2 22981816 Diam = 65.3 m = 11.7</p>  <p>Dur = 11.5s Dmag = 0.1 Sun: 174° Moon: 84°</p>	<p><b>2011 jun 24 14h27.2m</b> A11_06059 674 Rachele UCAC2 21565374 Diam = 101.0 m = 11.8</p>  <p>Dur = 8.8s Dmag = 1.3 Sun: 150° Moon: 132°</p>	<p><b>2011 jun 24 18h49.8m</b> A11_06048 465 Alekto TYC 6836-00216-1 Diam = 76.6 m = 10.6</p>  <p>Dur = 8.1s Dmag = 2.5 Sun: 173° Moon: 109°</p>	<p><b>2011 jun 25 10h18.7m</b> A11_06049 479 Caprera TYC 0293-00622-1 Diam = 77.5 m = 11.9</p>  <p>Dur = 6.7s Dmag = 3.7 Sun: 95° Moon: 160°</p>
<p><b>2011 jun 25 11h33.3m</b> A11_06031 271 Penthesilea UCAC2 20478736 Diam = 61.2 m = 11.8</p>  <p>Dur = 4.8s Dmag = 2.4 Sun: 174° Moon: 110°</p>	<p><b>2011 jun 26 19h13.2m</b> A11_06034 318 Magdalena TYC 5739-02067-1 Diam = 43.7 m = 10.2</p>  <p>Dur = 4.0s Dmag = 4.5 Sun: 151° Moon: 99°</p>	<p><b>2011 jun 27 14h19.8m</b> B11_06002 134340 Pluto UCAC2 24676603 Diam = 1844.0 m = 13.6</p>  <p>Dur = 77.0s Dmag = 1.2 Sun: 175° Moon: 134°</p>	<p><b>2011 jun 28 10h19.8m</b> A11_06044 405 Thia TYC 6265-00479-1 Diam = 129.0 m = 10.4</p>  <p>Dur = 13.3s Dmag = 1.1 Sun: 172° Moon: 146°</p>
<p><b>2011 jun 28 15h18.4m</b> A11_06027 194 Prokne TYC 0443-00088-1 Diam = 174.0 m = 10.5</p>  <p>Dur = 21.6s Dmag = 0.7 Sun: 148° Moon: 137°</p>	<p><b>2011 jun 29 9h59.0m</b> B11_06001 10199 Chariklo UCAC2 14430598 Diam = 173.8 m = 12.1</p>  <p>Dur = 10.0s Dmag = 5.9 Sun: 138° Moon: 156°</p>	<p><b>2011 jun 30 10h 6.0m</b> A11_06033 304 Olga HIP 71298 Diam = 68.5 m = 9.4</p>  <p>Dur = 11.0s Dmag = 4.6 Sun: 113° Moon: 125°</p>	<p><b>2011 jul 1 10h38.3m</b> A11_07041 366 Vincentina TYC 7885-00710-1 Diam = 98.1 m = 11.7</p>  <p>Dur = 8.6s Dmag = 1.5 Sun: 160° Moon: 159°</p>

# Occultations by major and minor planets – 2011

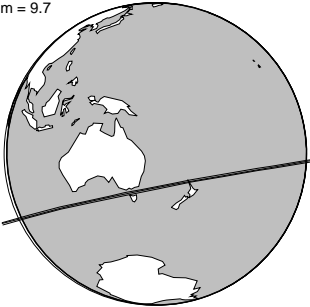
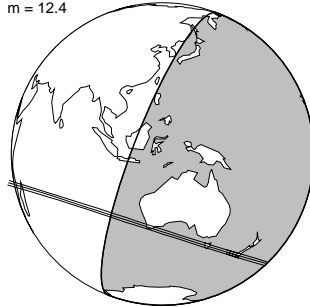
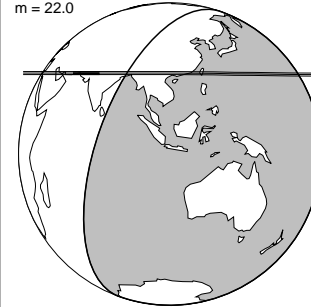
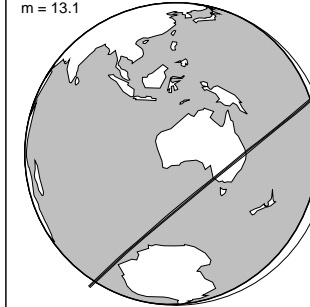
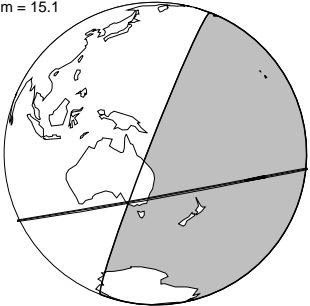
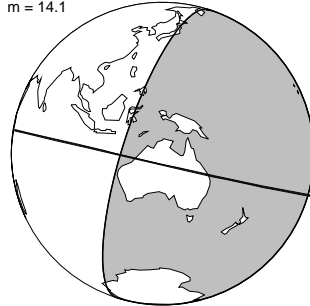
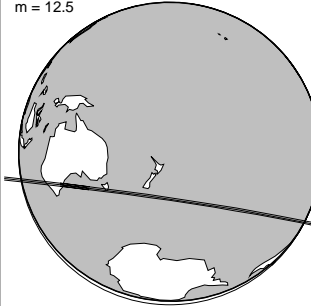
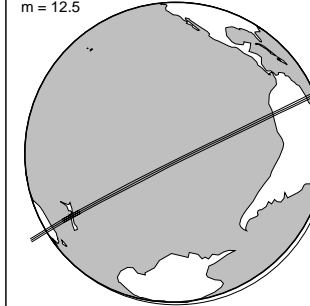
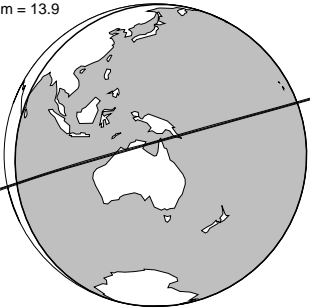
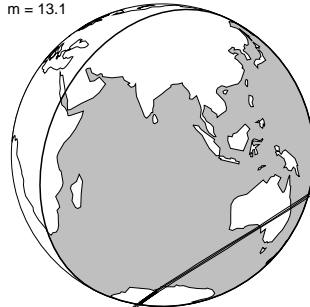
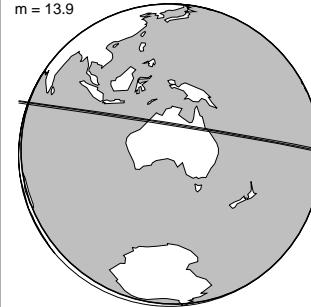
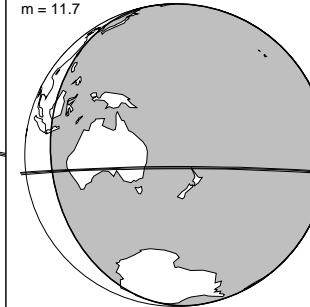
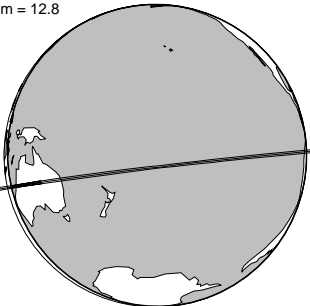
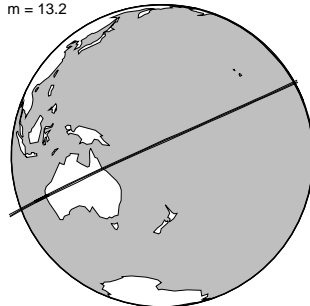
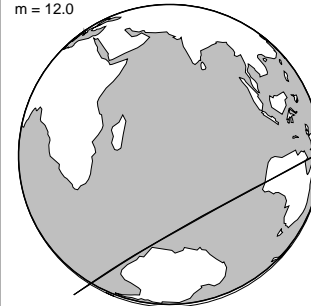
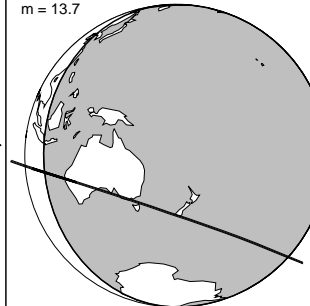
# Region 8

<p><b>2011 jul 1 13h25.3m</b> A11_07059 932 Hooveria TYC 7348-00018-1 Diam = 33.1 m = 8.6 m = 14.0</p> <p>Dur = 3.9s Dmag = 5.4 Sun: 148° Moon: 145°</p>	<p><b>2011 jul 2 16h44.1m</b> A11_07011 73 Klytia UCAC2 21423871 Diam = 45.0 m = 11.2 m = 12.7</p> <p>Dur = 4.0s Dmag = 1.8 Sun: 170° Moon: 169°</p>	<p><b>2011 jul 2 18h59.5m</b> A11_07021 145 Adeona UCAC2 19295739 Diam = 155.0 m = 11.4 m = 12.8</p> <p>Dur = 12.8s Dmag = 1.6 Sun: 152° Moon: 164°</p>	<p><b>2011 jul 2 20h42.3m</b> A11_07006 24 Themis TYC 0001-00100-1 Diam = 127.1 m = 11.6 m = 13.2</p> <p>Dur = 12.2s Dmag = 1.8 Sun: 98° Moon: 117°</p>
<p><b>2011 jul 5 10h28.9m</b> A11_07033 273 Atropos TYC 1002-00317-1 Diam = 32.1 m = 11.1 m = 13.0</p> <p>Dur = 3.8s Dmag = 2.1 Sun: 141° Moon: 111°</p>	<p><b>2011 jul 6 7h16.7m</b> B11_07003 2001KD77 UCAC2 23187522 Diam = 229.1 m = 13.6 m = 21.4</p> <p>Dur = 10.0s Dmag = 7.8 Sun: 162° Moon: 99°</p>	<p><b>2011 jul 6 7h49.3m</b> B11_07005 2005GB187 UCAC2 26900172 Diam = 114.8 m = 12.6 m = 22.3</p> <p>Dur = 12.4s Dmag = 9.7 Sun: 120° Moon: 57°</p>	<p><b>2011 jul 6 15h17.6m</b> A11_07068 1085 Amaryllis UCAC2 25613082 Diam = 72.3 m = 12.0 m = 13.7</p> <p>Dur = 6.1s Dmag = 1.9 Sun: 170° Moon: 105°</p>
<p><b>2011 jul 6 17h36.6m</b> A11_07007 32 Pomona UCAC2 26770706 Diam = 82.0 m = 11.8 m = 10.9</p> <p>Dur = 7.7s Dmag = 0.4 Sun: 171° Moon: 114°</p>	<p><b>2011 jul 8 11h14.3m</b> A11_07038 318 Magdalena UCAC2 28455924 Diam = 43.7 m = 11.1 m = 14.5</p> <p>Dur = 3.3s Dmag = 3.4 Sun: 162° Moon: 102°</p>	<p><b>2011 jul 10 5h32.3m</b> A11_07001 3 Juno UCAC2 33935848 Diam = 267.0 m = 11.5 m = 11.1</p> <p>Dur = 10.0s Dmag = 0.6 Sun: 67° Moon: 49°</p>	<p><b>2011 jul 10 9h44.8m</b> A11_07058 886 Washingtonia UCAC2 28028333 Diam = 93.3 m = 11.7 m = 14.8</p> <p>Dur = 14.6s Dmag = 3.1 Sun: 107° Moon: 12°</p>
<p><b>2011 jul 10 12h42.5m</b> B11_07002 1996KV1 UCAC2 22308914 Diam = 114.8 m = 13.6 m = 29.4</p> <p>Dur = 4.8s Dmag = 9.8 Sun: 167° Moon: 48°</p>	<p><b>2011 jul 11 3h24.8m</b> A11_07008 32 Pomona UCAC2 26768542 Diam = 82.0 m = 11.6 m = 10.9</p> <p>Dur = 7.7s Dmag = 0.5 Sun: 171° Moon: 51°</p>	<p><b>2011 jul 11 12h 5.7m</b> A11_07032 241 Germania TYC 6263-03136-1 Diam = 169.0 m = 10.6 m = 11.8</p> <p>Dur = 15.7s Dmag = 1.5 Sun: 162° Moon: 30°</p>	<p><b>2011 jul 11 18h39.0m</b> A11_07036 312 Pierretta UCAC2 15629896 Diam = 51.0 m = 11.9 m = 11.9</p> <p>Dur = 6.2s Dmag = 0.7 Sun: 162° Moon: 39°</p>



# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 jul 13 12h48.7m</b> A11_07005 21 Lutetia TYC 6863-00833-1 Diam = 99.5 m = 12.1 m = 9.7</p>  <p>Dur = 13.1s Dmag = 0.1 Sun: 168° Moon: 11°</p>	<p><b>2011 jul 14 10h34.2m</b> A11_07013 85 Io UCAC2 30027126 Diam = 178.0 m = 11.9 m = 12.4</p>  <p>Dur = 18.6s Dmag = 1.0 Sun: 101° Moon: 68°</p>	<p><b>2011 jul 14 12h46.7m</b> B11_07006 2005GE187 UCAC2 28386992 Diam = 125.9 m = 13.2 m = 22.0</p>  <p>Dur = 13.8s Dmag = 8.8 Sun: 119° Moon: 51°</p>	<p><b>2011 jul 14 17h24.2m</b> A11_07056 786 Bredichina UCAC2 19550122 Diam = 93.2 m = 11.0 m = 13.1</p>  <p>Dur = 7.6s Dmag = 2.2 Sun: 158° Moon: 28°</p>
<p><b>2011 jul 18 7h35.0m</b> A11_07050 568 Cheruskia UCAC2 24845061 Diam = 89.7 m = 11.2 m = 15.1</p>  <p>Dur = 6.0s Dmag = 4.0 Sun: 92° Moon: 123°</p>	<p><b>2011 jul 18 9h56.8m</b> A11_07020 142 Polana TYC 6156-01678-1 Diam = 57.0 m = 11.0 m = 14.1</p>  <p>Dur = 4.7s Dmag = 3.2 Sun: 105° Moon: 112°</p>	<p><b>2011 jul 18 11h49.0m</b> A11_07049 545 Messalina UCAC2 17612071 Diam = 115.0 m = 11.6 m = 12.5</p>  <p>Dur = 11.3s Dmag = 1.3 Sun: 167° Moon: 46°</p>	<p><b>2011 jul 19 8h40.4m</b> A11_07023 145 Adeona TYC 7459-00018-1 Diam = 155.0 m = 11.4 m = 12.5</p>  <p>Dur = 11.1s Dmag = 1.5 Sun: 165° Moon: 45°</p>
<p><b>2011 jul 19 13h 9.8m</b> A11_07069 1085 Amaryllis TYC 6269-00852-1 Diam = 72.3 m = 11.7 m = 13.9</p>  <p>Dur = 7.1s Dmag = 2.3 Sun: 157° Moon: 71°</p>	<p><b>2011 jul 21 15h57.3m</b> A11_07037 313 Chaldaea UCAC2 29670701 Diam = 101.0 m = 11.9 m = 13.1</p>  <p>Dur = 12.6s Dmag = 1.5 Sun: 139° Moon: 107°</p>	<p><b>2011 jul 24 14h34.8m</b> A11_07044 506 Marion UCAC2 19285256 Diam = 109.0 m = 11.3 m = 13.9</p>  <p>Dur = 7.1s Dmag = 2.7 Sun: 165° Moon: 117°</p>	<p><b>2011 jul 26 10h38.7m</b> A11_07019 110 Lydia TYC 6853-02409-1 Diam = 89.1 m = 11.0 m = 11.7</p>  <p>Dur = 14.3s Dmag = 1.2 Sun: 145° Moon: 159°</p>
<p><b>2011 jul 27 10h 1.2m</b> A11_07015 91 Aegina UCAC2 21883922 Diam = 114.0 m = 11.1 m = 12.8</p>  <p>Dur = 9.7s Dmag = 1.9 Sun: 166° Moon: 151°</p>	<p><b>2011 jul 27 13h 0.6m</b> A11_07048 538 Friederike UCAC2 26125500 Diam = 77.8 m = 11.7 m = 13.2</p>  <p>Dur = 7.0s Dmag = 1.7 Sun: 173° Moon: 134°</p>	<p><b>2011 jul 27 19h41.8m</b> A11_07028 197 Arete TYC 6920-01431-1 Diam = 32.0 m = 10.6 m = 12.0</p>  <p>Dur = 3.6s Dmag = 1.7 Sun: 169° Moon: 142°</p>	<p><b>2011 jul 28 10h55.1m</b> A11_07051 607 Jenny HIP 90321 Diam = 65.5 m = 8.2 m = 13.7</p>  <p>Dur = 7.8s Dmag = 5.5 Sun: 151° Moon: 179°</p>

# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 jul 30 20h15.4m</b> A11_07010 63 Ausonia TYC 1798-00748-1 Diam = 108.0 m = 11.9 m = 12.6</p> <p>Dur = 4.2s Dmag = 1.2 Sun: 70° Moon: 72°</p>	<p><b>2011 aug 3 9h15.0m</b> A11_08025 345 Tercidina TYC 4972-01205-1 Diam = 100.0 m = 11.2 m = 13.8</p> <p>Dur = 4.0s Dmag = 2.7 Sun: 74° Moon: 27°</p>	<p><b>2011 aug 4 8h13.6m</b> A11_08023 231 Vindobona UCAC2 19457907 Diam = 85.1 m = 11.7 m = 13.3</p> <p>Dur = 26.9s Dmag = 1.9 Sun: 127° Moon: 65°</p>	<p><b>2011 aug 5 9h49.5m</b> A11_08040 556 Phyllis UCAC2 23747896 Diam = 39.5 m = 11.3 m = 13.5</p> <p>Dur = 3.9s Dmag = 2.4 Sun: 156° Moon: 81°</p>
<p><b>2011 aug 5 10h44.0m</b> A11_08051 776 Berbericia TYC 6171-00445-1 Diam = 96.4 m = 11.7 m = 13.3</p> <p>Dur = 9.4s Dmag = 1.8 Sun: 100° Moon: 25°</p>	<p><b>2011 aug 8 15h 3.6m</b> A11_08012 105 Artemis HIP 14601 Diam = 123.0 m = 9.9 m = 13.8</p> <p>Dur = 7.1s Dmag = 4.0 Sun: 87° Moon: 153°</p>	<p><b>2011 aug 10 16h39.1m</b> A11_08031 398 Admete TYC 0570-00448-1 Diam = 50.0 m = 11.4 m = 14.4</p> <p>Dur = 4.9s Dmag = 3.1 Sun: 154° Moon: 60°</p>	<p><b>2011 aug 16 8h44.0m</b> A11_08043 626 Notburga TYC 6688-00854-1 Diam = 104.0 m = 11.2 m = 15.1</p> <p>Dur = 3.6s Dmag = 3.9 Sun: 60° Moon: 148°</p>
<p><b>2011 aug 17 18h27.1m</b> A11_08006 63 Ausonia TYC 1817-01635-1 Diam = 108.0 m = 10.1 m = 12.5</p> <p>Dur = 5.5s Dmag = 2.5 Sun: 82° Moon: 53°</p>	<p><b>2011 aug 18 13h55.2m</b> A11_08044 679 Pax UCAC2 16504812 Diam = 52.0 m = 11.5 m = 11.6</p> <p>Dur = 4.9s Dmag = 0.8 Sun: 151° Moon: 79°</p>	<p><b>2011 aug 18 17h15.6m</b> A11_08042 595 Polyxena TYC 5270-02063-1 Diam = 114.0 m = 11.9 m = 13.0</p> <p>Dur = 18.7s Dmag = 1.5 Sun: 135° Moon: 20°</p>	<p><b>2011 aug 22 12h22.6m</b> A11_08063 1085 Amaryllis TYC 6272-00292-1 Diam = 72.3 m = 11.5 m = 14.6</p> <p>Dur = 21.0s Dmag = 3.1 Sun: 122° Moon: 153°</p>
<p><b>2011 aug 27 14h47.8m</b> A11_08017 185 Eunike UCAC2 30246420 Diam = 165.0 m = 11.7 m = 12.0</p> <p>Dur = 14.2s Dmag = 0.9 Sun: 128° Moon: 149°</p>	<p><b>2011 aug 28 7h17.2m</b> A11_08014 113 Amalthea TYC 6340-01400-1 Diam = 47.6 m = 10.0 m = 12.2</p> <p>Dur = 7.7s Dmag = 2.3 Sun: 147° Moon: 158°</p>	<p><b>2011 aug 28 10h25.2m</b> A11_08009 94 Aurora TYC 6166-01428-1 Diam = 212.0 m = 11.6 m = 13.9</p> <p>Dur = 8.4s Dmag = 2.5 Sun: 70° Moon: 79°</p>	<p><b>2011 aug 29 10h45.8m</b> A11_08048 704 Interamnia TYC 5716-00925-1 Diam = 333.0 m = 11.0 m = 10.8</p> <p>Dur = 75.5s Dmag = 0.7 Sun: 132° Moon: 129°</p>

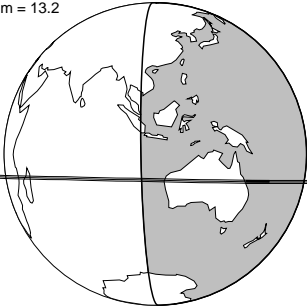
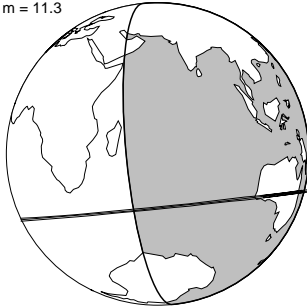
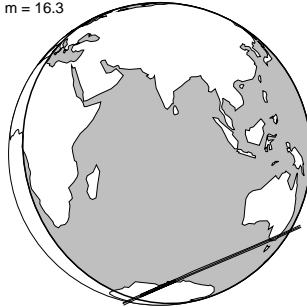
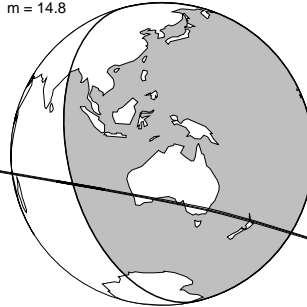
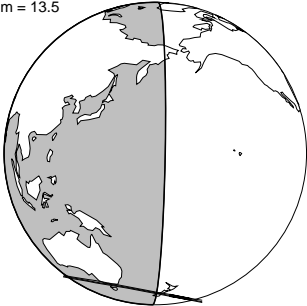
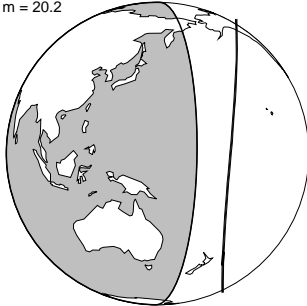
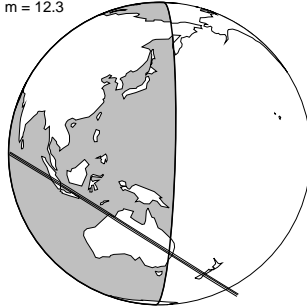
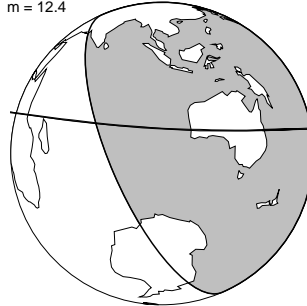
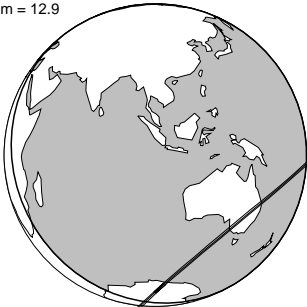
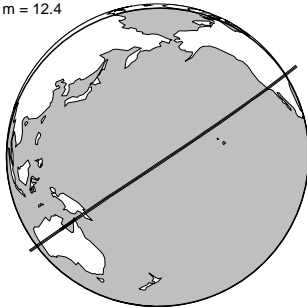
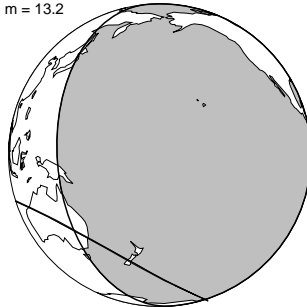
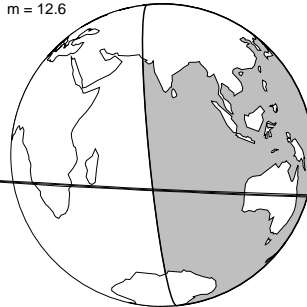
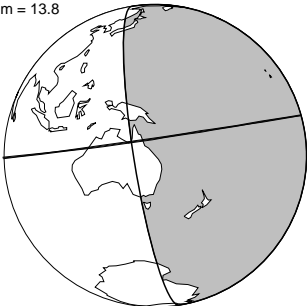
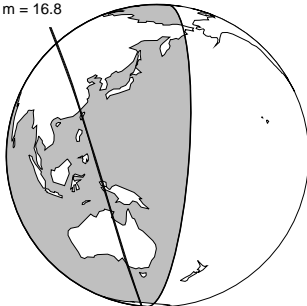
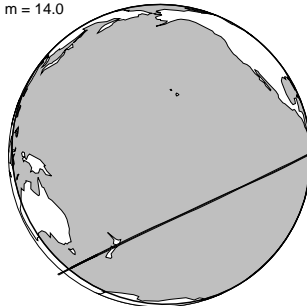
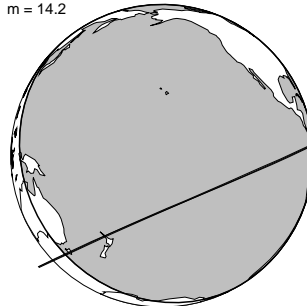
# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 aug 29 15h30.1m</b> A11_08067 4805 Asteropeios TYC 5750-01762-1 Diam = 34.7 m = 11.4 m = 17.0</p> <p>Dur = 3.4s Dmag = 5.6 Sun: 142° Moon: 136°</p>	<p><b>2011 aug 29 19h24.0m</b> A11_08033 426 Hippo TYC 2887-00349-1 Diam = 134.0 m = 10.0 m = 14.2</p> <p>Dur = 6.8s Dmag = 4.2 Sun: 84° Moon: 95°</p>	<p><b>2011 aug 31 17h32.4m</b> A11_08037 500 Selinur TYC 0574-00109-1 Diam = 45.1 m = 11.9 m = 12.1</p> <p>Dur = 5.2s Dmag = 0.8 Sun: 163° Moon: 151°</p>	<p><b>2011 sep 2 11h36.7m</b> B11_09003 137294 1999RE215 UCAC2 29570869 Diam = 151.4 m = 13.2 m = 23.1</p> <p>Dur = 6.1s Dmag = 9.9 Sun: 175° Moon: 124°</p>
<p><b>2011 sep 2 19h 7.5m</b> A11_09075 769 Tatjana TYC 1887-00993-1 Diam = 102.0 m = 11.0 m = 15.5</p> <p>Dur = 3.9s Dmag = 4.5 Sun: 63° Moon: 128°</p>	<p><b>2011 sep 4 8h14.6m</b> A11_09011 38 Leda HIP 70513 Diam = 120.0 m = 7.0 m = 14.2</p> <p>Dur = 3.8s Dmag = 7.2 Sun: 59° Moon: 26°</p>	<p><b>2011 sep 4 12h20.6m</b> A11_09013 43 Ariadne HIP 89917 Diam = 65.3 m = 9.0 m = 11.1</p> <p>Dur = 6.8s Dmag = 2.2 Sun: 113° Moon: 27°</p>	<p><b>2011 sep 4 16h17.1m</b> A11_09041 185 Eunike UCAC2 29711195 Diam = 165.0 m = 11.9 m = 12.1</p> <p>Dur = 14.2s Dmag = 0.9 Sun: 121° Moon: 37°</p>
<p><b>2011 sep 8 11h25.4m</b> A11_09053 241 Germania UCAC2 23436522 Diam = 169.0 m = 11.9 m = 12.8</p> <p>Dur = 17.6s Dmag = 1.3 Sun: 104° Moon: 31°</p>	<p><b>2011 sep 9 21h 2.7m</b> A11_09054 266 Aline TYC 1333-01201-1 Diam = 113.0 m = 10.7 m = 14.0</p> <p>Dur = 3.9s Dmag = 3.3 Sun: 67° Moon: 141°</p>	<p><b>2011 sep 14 9h41.7m</b> A11_09031 135 Hertha UCAC2 21803415 Diam = 82.0 m = 11.7 m = 12.4</p> <p>Dur = 3.7s Dmag = 1.2 Sun: 82° Moon: 119°</p>	<p><b>2011 sep 15 17h 9.0m</b> B11_09001 15820 1994TB UCAC2 40631315 Diam = 114.8 m = 13.4 m = 21.8</p> <p>Dur = 7.2s Dmag = 8.4 Sun: 134° Moon: 11°</p>
<p><b>2011 sep 19 11h51.1m</b> A11_09059 398 Admete TYC 0545-00424-1 Diam = 50.0 m = 9.6 m = 14.3</p> <p>Dur = 5.1s Dmag = 4.7 Sun: 152° Moon: 102°</p>	<p><b>2011 sep 19 16h58.0m</b> A11_09006 22 Kalliope TYC 1864-00951-1 Diam = 187.0 m = 9.5 m = 11.5</p> <p>Dur = 9.3s Dmag = 2.2 Sun: 84° Moon: 15°</p>	<p><b>2011 sep 21 6h40.3m</b> A11_09044 194 Prokne HIP 90083 Diam = 174.0 m = 6.4 m = 11.5</p> <p>Dur = 9.4s Dmag = 5.2 Sun: 97° Moon: 168°</p>	<p><b>2011 sep 21 9h11.2m</b> A11_09040 182 Elsa TYC 6875-01911-1 Diam = 45.3 m = 11.1 m = 13.6</p> <p>Dur = 8.0s Dmag = 2.6 Sun: 110° Moon: 168°</p>

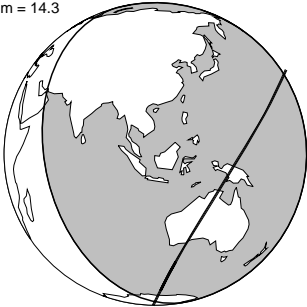
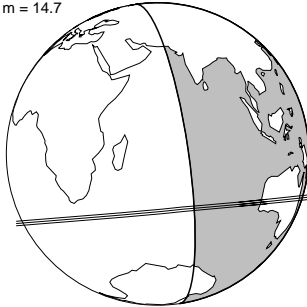
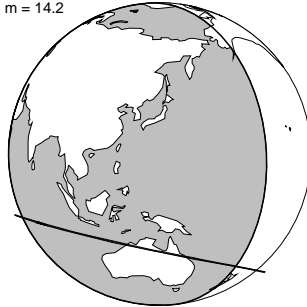
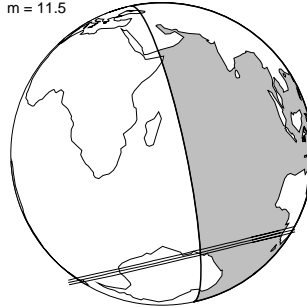
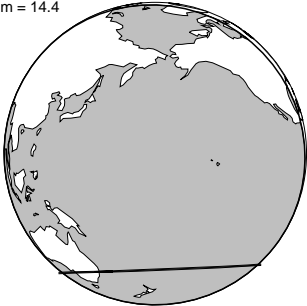
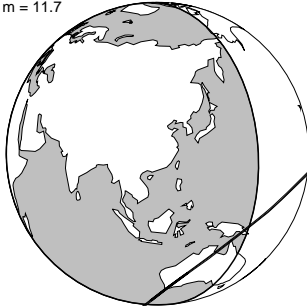
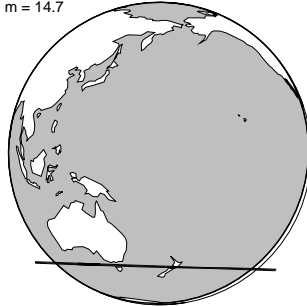
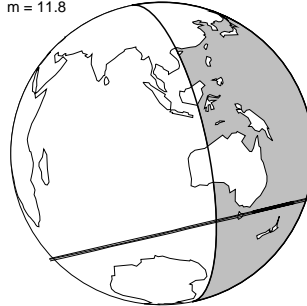
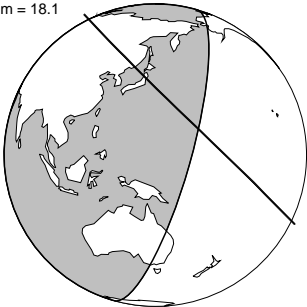
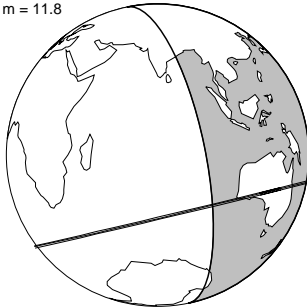
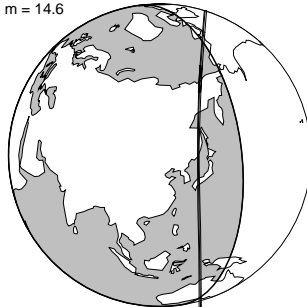
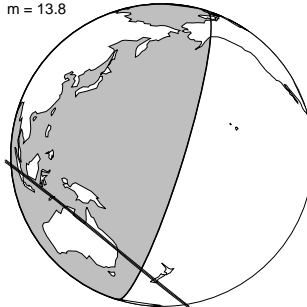
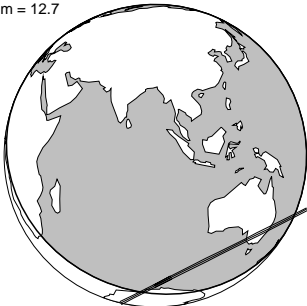
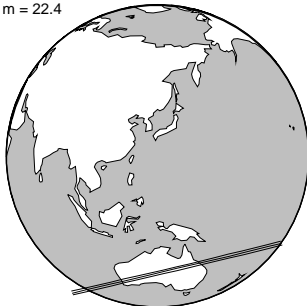
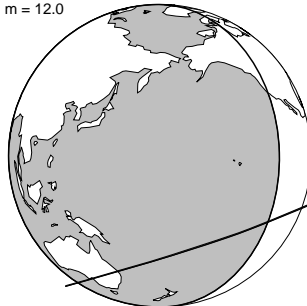
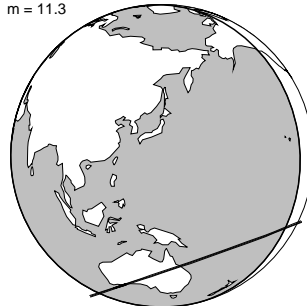
# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 sep 22 10h56.0m</b> A11_09060 405 Thia UCAC2 26945032 Diam = 129.0 m = 11.9 m = 13.2</p>  <p>Dur = 8.0s Dmag = 1.6 Sun: 95° Moon: 162°</p>	<p><b>2011 sep 22 14h26.6m</b> A11_09005 21 Lutetia UCAC2 21409431 Diam = 99.5 m = 11.5 m = 11.3</p>  <p>Dur = 7.5s Dmag = 0.6 Sun: 101° Moon: 166°</p>	<p><b>2011 sep 24 17h13.2m</b> A11_09094 2674 Pandarus UCAC2 28650697 Diam = 102.0 m = 11.8 m = 16.3</p>  <p>Dur = 7.5s Dmag = 4.5 Sun: 153° Moon: 168°</p>	<p><b>2011 sep 26 12h 0.5m</b> A11_09088 1086 Nata UCAC2 26354893 Diam = 70.5 m = 11.9 m = 14.8</p>  <p>Dur = 21.8s Dmag = 3.0 Sun: 128° Moon: 142°</p>
<p><b>2011 sep 29 18h26.7m</b> A11_09063 441 Bathilde TYC 1877-00086-1 Diam = 73.2 m = 10.8 m = 13.5</p>  <p>Dur = 4.7s Dmag = 2.8 Sun: 93° Moon: 126°</p>	<p><b>2011 sep 29 18h46.1m</b> B11_09002 32532 Thereus UCAC2 34053746 Diam = 52.5 m = 12.4 m = 20.2</p>  <p>Dur = 5.5s Dmag = 7.8 Sun: 105° Moon: 135°</p>	<p><b>2011 sep 29 19h39.8m</b> A11_09018 57 Mnemosyne TYC 0721-00174-1 Diam = 116.0 m = 11.4 m = 12.3</p>  <p>Dur = 7.3s Dmag = 1.3 Sun: 95° Moon: 127°</p>	<p><b>2011 sep 30 13h 1.2m</b> A11_09070 679 Pax TYC 7957-00367-1 Diam = 52.0 m = 11.3 m = 12.4</p>  <p>Dur = 9.0s Dmag = 1.4 Sun: 110° Moon: 69°</p>
<p><b>2011 sep 30 15h51.5m</b> A11_09042 191 Kolga HIP 114752 Diam = 105.0 m = 7.6 m = 12.9</p>  <p>Dur = 10.7s Dmag = 5.3 Sun: 158° Moon: 113°</p>	<p><b>2011 oct 1 11h49.7m</b> A11_10053 478 Tergeste TYC 1179-00820-1 Diam = 82.0 m = 10.8 m = 12.4</p>  <p>Dur = 6.1s Dmag = 1.8 Sun: 166° Moon: 125°</p>	<p><b>2011 oct 2 8h14.9m</b> A11_10031 220 Stephania TYC 0529-01435-1 Diam = 30.6 m = 11.4 m = 13.2</p>  <p>Dur = 7.5s Dmag = 2.0 Sun: 132° Moon: 68°</p>	<p><b>2011 oct 3 13h 9.7m</b> A11_10008 32 Pomona TYC 6282-00200-1 Diam = 82.0 m = 11.4 m = 12.6</p>  <p>Dur = 5.3s Dmag = 1.5 Sun: 94° Moon: 13°</p>
<p><b>2011 oct 6 8h30.1m</b> A11_10026 182 Elsa UCAC2 22802117 Diam = 45.3 m = 11.9 m = 13.8</p>  <p>Dur = 3.8s Dmag = 2.0 Sun: 98° Moon: 19°</p>	<p><b>2011 oct 8 18h46.6m</b> A11_10083 7641 1986TT6 TYC 0734-00321-1 Diam = 45.7 m = 9.1 m = 16.8</p>  <p>Dur = 3.2s Dmag = 7.7 Sun: 102° Moon: 114°</p>	<p><b>2011 oct 10 9h48.7m</b> A11_10037 301 Bavaria TYC 4667-00599-1 Diam = 55.5 m = 12.1 m = 14.0</p>  <p>Dur = 5.2s Dmag = 2.1 Sun: 163° Moon: 11°</p>	<p><b>2011 oct 17 8h56.3m</b> A11_10038 301 Bavaria UCAC2 30122444 Diam = 55.5 m = 12.0 m = 14.2</p>  <p>Dur = 5.9s Dmag = 2.4 Sun: 155° Moon: 81°</p>

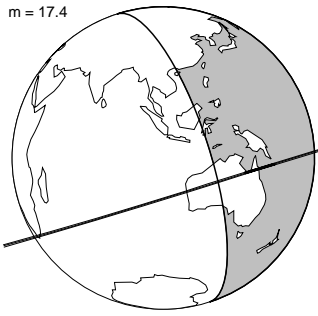
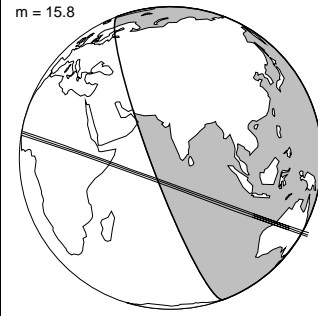
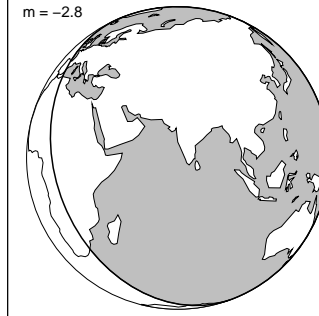
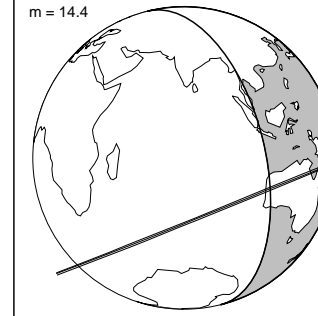
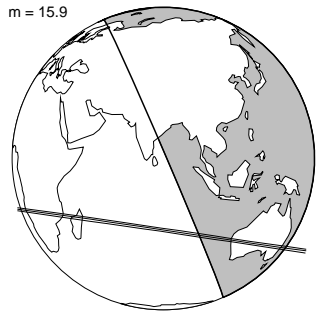
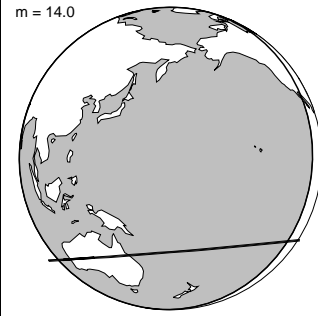
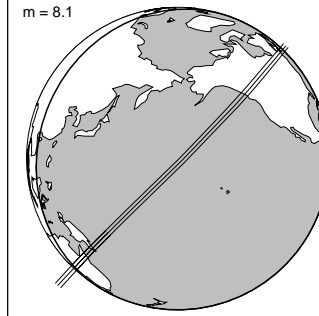
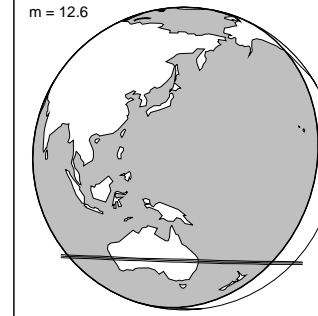
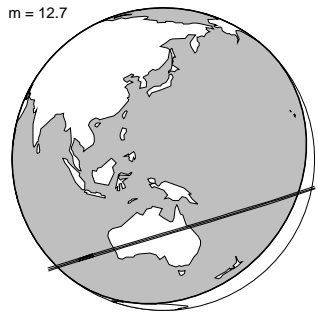
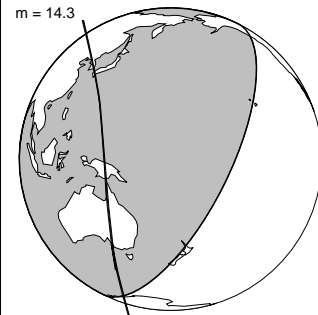
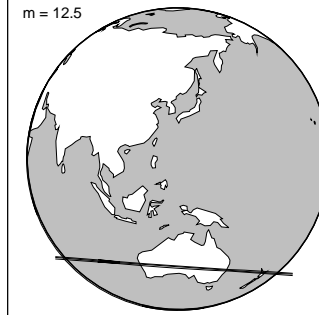
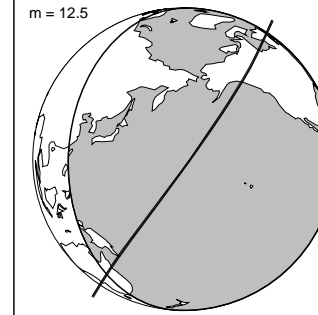
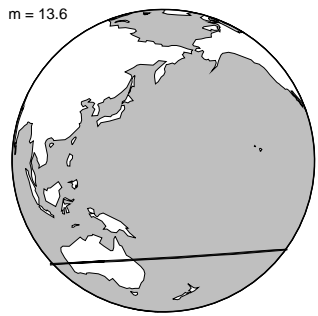
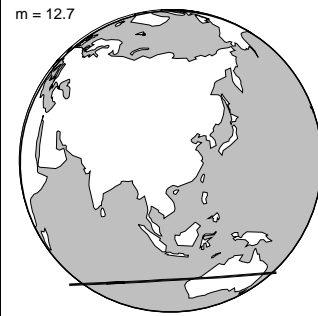
# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 oct 22 13h36.2m</b> A11_10041 342 Endymion UCAC2 32638043 Diam = 65.0 m = 11.0 m = 14.3</p>  <p>Dur = 11.1s Dmag = 3.4 Sun: 136° Moon: 163°</p>	<p><b>2011 oct 24 13h 2.2m</b> A11_10015 76 Freia TYC 6305-02292-1 Diam = 190.0 m = 10.7 m = 14.7</p>  <p>Dur = 9.6s Dmag = 4.0 Sun: 78° Moon: 111°</p>	<p><b>2011 oct 25 17h36.2m</b> A11_10019 131 Vala TYC 1294-00674-1 Diam = 43.3 m = 10.8 m = 14.2</p>  <p>Dur = 9.8s Dmag = 3.5 Sun: 134° Moon: 119°</p>	<p><b>2011 nov 2 14h11.6m</b> A11_11061 532 Herculina UCAC2 20046754 Diam = 216.5 m = 11.5 m = 11.5</p>  <p>Dur = 10.7s Dmag = 0.8 Sun: 80° Moon: 15°</p>
<p><b>2011 nov 3 12h24.5m</b> A11_11042 255 Oppavia TYC 1787-01178-1 Diam = 58.0 m = 10.4 m = 14.4</p>  <p>Dur = 4.6s Dmag = 4.0 Sun: 166° Moon: 91°</p>	<p><b>2011 nov 3 19h34.4m</b> A11_11036 198 Ampella TYC 1875-01835-1 Diam = 58.7 m = 12.2 m = 11.7</p>  <p>Dur = 18.5s Dmag = 0.5 Sun: 131° Moon: 124°</p>	<p><b>2011 nov 6 13h15.5m</b> A11_11064 564 Dudu TYC 0650-00425-1 Diam = 50.7 m = 11.5 m = 14.7</p>  <p>Dur = 3.3s Dmag = 3.3 Sun: 167° Moon: 57°</p>	<p><b>2011 nov 10 10h 3.7m</b> A11_11004 21 Lutetia TYC 6905-00037-1 Diam = 99.5 m = 12.4 m = 11.8</p>  <p>Dur = 3.4s Dmag = 0.5 Sun: 72° Moon: 103°</p>
<p><b>2011 nov 10 19h14.4m</b> A11_11098 2008YB3 UCAC2 34457801 Diam = 43.7 m = 12.0 m = 18.1</p>  <p>Dur = 3.1s Dmag = 6.1 Sun: 103° Moon: 77°</p>	<p><b>2011 nov 11 11h45.3m</b> A11_11005 21 Lutetia TYC 6905-00146-1 Diam = 99.5 m = 12.4 m = 11.8</p>  <p>Dur = 3.3s Dmag = 0.5 Sun: 71° Moon: 115°</p>	<p><b>2011 nov 13 20h 9.3m</b> A11_11074 795 Fini TYC 3393-00991-1 Diam = 78.7 m = 11.2 m = 14.6</p>  <p>Dur = 8.1s Dmag = 3.4 Sun: 122° Moon: 32°</p>	<p><b>2011 nov 14 17h52.6m</b> A11_11032 179 Klytaemnestra TYC 0814-02554-1 Diam = 81.0 m = 12.3 m = 13.8</p>  <p>Dur = 7.3s Dmag = 1.8 Sun: 98° Moon: 38°</p>
<p><b>2011 nov 18 16h57.9m</b> A11_11024 105 Artemis TYC 4703-00834-1 Diam = 123.0 m = 10.2 m = 12.7</p>  <p>Dur = 9.2s Dmag = 2.6 Sun: 153° Moon: 105°</p>	<p><b>2011 nov 19 15h 5.8m</b> B11_11001 1996TS66 UCAC2 40638551 Diam = 158.5 m = 13.9 m = 22.4</p>  <p>Dur = 6.3s Dmag = 8.5 Sun: 173° Moon: 100°</p>	<p><b>2011 nov 22 15h 7.9m</b> A11_11066 678 Fredegundis TYC 1887-00431-1 Diam = 44.0 m = 11.4 m = 12.0</p>  <p>Dur = 11.1s Dmag = 1.1 Sun: 142° Moon: 106°</p>	<p><b>2011 nov 24 16h 6.2m</b> A11_11037 198 Ampella TYC 1869-00525-1 Diam = 58.7 m = 9.2 m = 11.3</p>  <p>Dur = 6.5s Dmag = 2.3 Sun: 155° Moon: 148°</p>

# Occultations by major and minor planets – 2011

# Region 8

<p><b>2011 nov 27 9h55.6m</b> A11_11089 1911 Schubart TYC 5784-00031-1 Diam = 83.0 m = 10.4 m = 17.4</p>  <p>Dur = 3.7s Dmag = 7.0 Sun: 72° Moon: 43°</p>	<p><b>2011 nov 28 13h14.8m</b> A11_11081 1172 Aeneas TYC 1151-00777-1 Diam = 151.0 m = 15.8</p>  <p>Dur = 11.2s Dmag = 4.6 Sun: 97° Moon: 55°</p>	<p><b>2011 nov 29 16h33.7m</b> P11_11001 Jupiter TYC 0626-01030-1 Diam = 133542.0 m = 9.8 m = -2.8</p>  <p>Dur = 13227.0s Dmag = 0.0 Sun: 144° Moon: 86°</p>	<p><b>2011 dec 2 10h51.7m</b> A11_12079 545 Messalina TYC 6339-00569-1 Diam = 115.0 m = 11.0 m = 14.4</p>  <p>Dur = 3.3s Dmag = 3.5 Sun: 57° Moon: 33°</p>
<p><b>2011 dec 8 11h55.7m</b> A11_12106 1172 Aeneas UCAC2 34945729 Diam = 151.0 m = 11.9 m = 15.9</p>  <p>Dur = 8.8s Dmag = 4.0 Sun: 88° Moon: 68°</p>	<p><b>2011 dec 9 14h19.7m</b> A11_12052 248 Lameia TYC 1340-02134-1 Diam = 52.0 m = 11.6 m = 14.0</p>  <p>Dur = 4.8s Dmag = 2.5 Sun: 159° Moon: 32°</p>	<p><b>2011 dec 13 10h 8.2m</b> A11_12004 15 Eunomia TYC 2364-01144-1 Diam = 272.0 m = 10.1 m = 8.1</p>  <p>Dur = 30.4s Dmag = 0.2 Sun: 157° Moon: 53°</p>	<p><b>2011 dec 15 16h 7.1m</b> A11_12016 74 Galatea TYC 1360-01505-1 Diam = 123.0 m = 11.1 m = 12.6</p>  <p>Dur = 13.2s Dmag = 1.7 Sun: 150° Moon: 31°</p>
<p><b>2011 dec 21 16h11.3m</b> A11_12058 266 Aline UCAC2 34087540 Diam = 113.0 m = 11.5 m = 12.7</p>  <p>Dur = 9.9s Dmag = 1.5 Sun: 154° Moon: 116°</p>	<p><b>2011 dec 21 17h 2.1m</b> A11_12049 219 Thusnelda TYC 4904-01155-1 Diam = 43.6 m = 12.7 m = 14.3</p>  <p>Dur = 11.0s Dmag = 1.8 Sun: 113° Moon: 73°</p>	<p><b>2011 dec 22 14h53.7m</b> A11_12029 100 Hekate TYC 1302-01042-1 Diam = 92.0 m = 11.2 m = 12.5</p>  <p>Dur = 6.1s Dmag = 1.6 Sun: 171° Moon: 156°</p>	<p><b>2011 dec 23 9h15.9m</b> A11_12043 172 Baucis HIP 14450 Diam = 64.5 m = 7.8 m = 12.5</p>  <p>Dur = 10.0s Dmag = 4.6 Sun: 139° Moon: 156°</p>
<p><b>2011 dec 25 13h15.5m</b> A11_12053 248 Lameia TYC 1322-00827-1 Diam = 52.0 m = 10.9 m = 13.6</p>  <p>Dur = 4.1s Dmag = 2.8 Sun: 177° Moon: 170°</p>	<p><b>2011 dec 27 16h23.2m</b> A11_12021 75 Eurydike UCAC2 42729886 Diam = 58.3 m = 11.5 m = 12.7</p>  <p>Dur = 4.5s Dmag = 1.5 Sun: 170° Moon: 135°</p>		