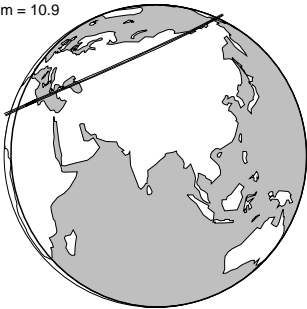
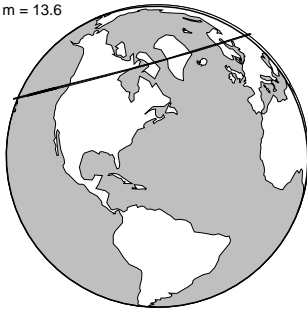
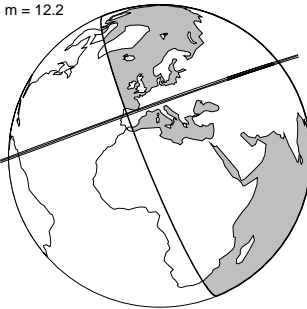
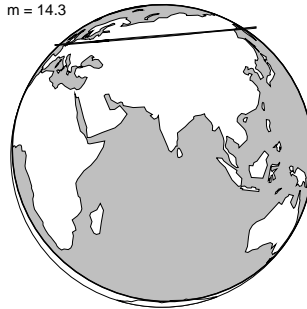
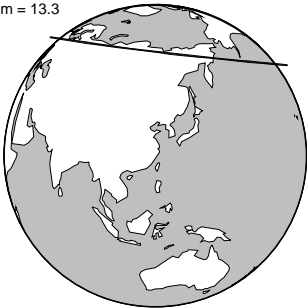
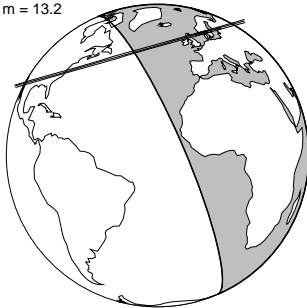
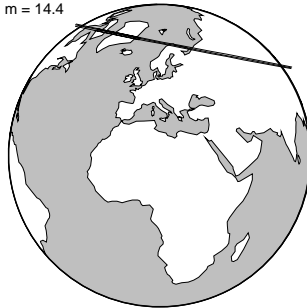
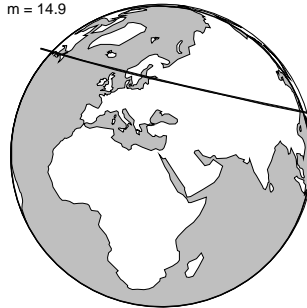
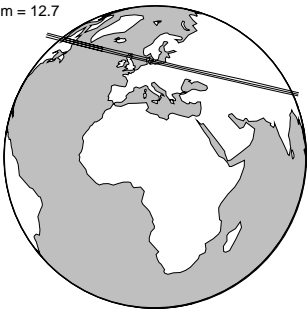
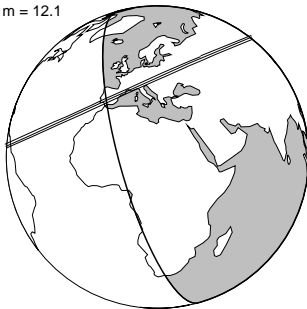
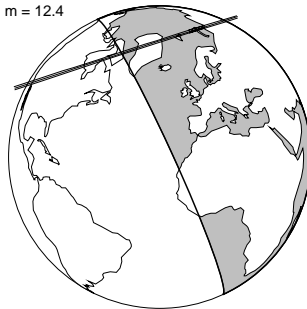
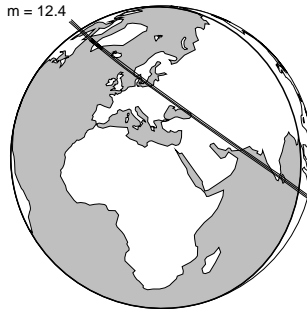
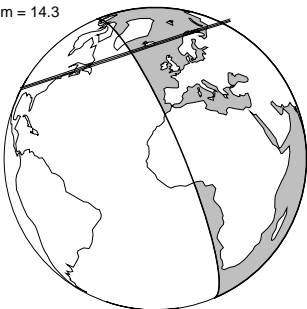
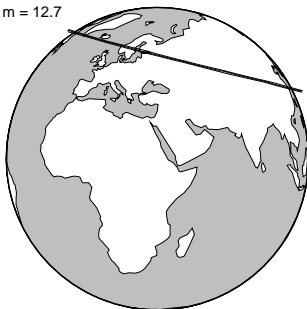
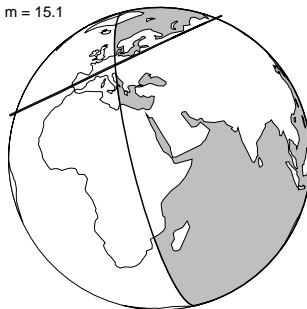
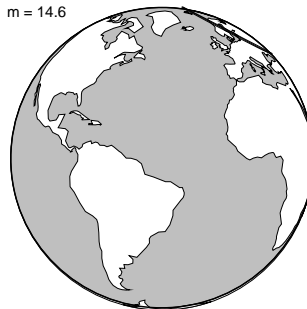


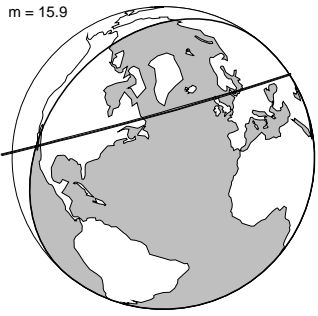
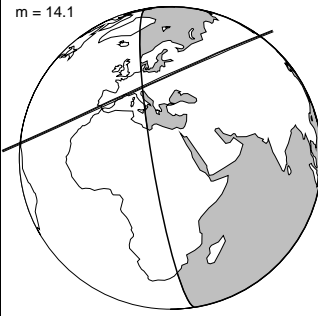
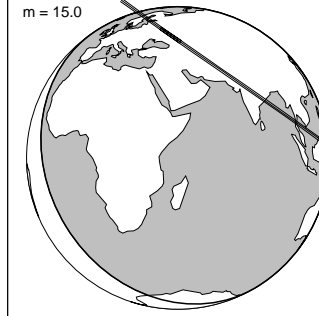
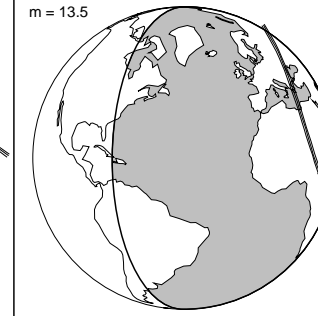
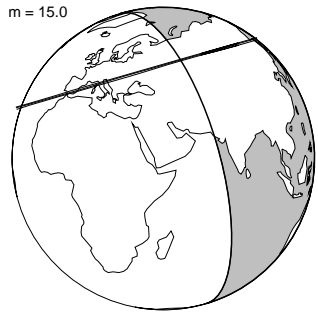
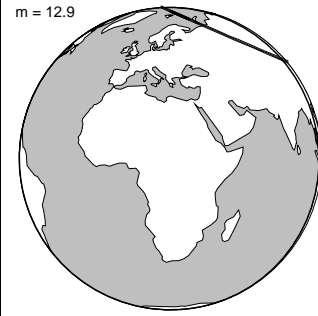
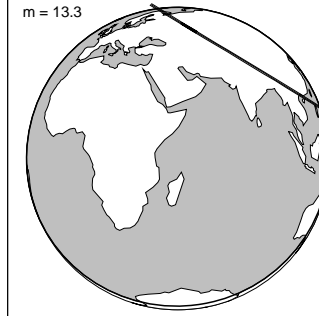
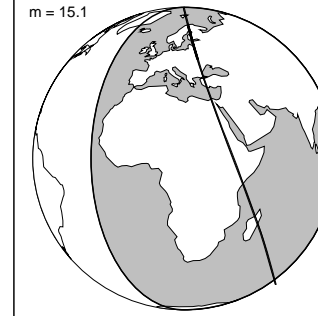
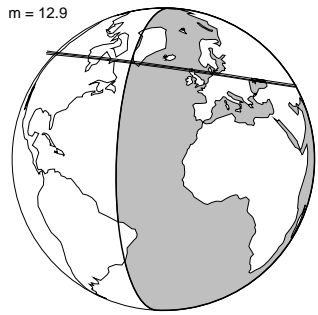
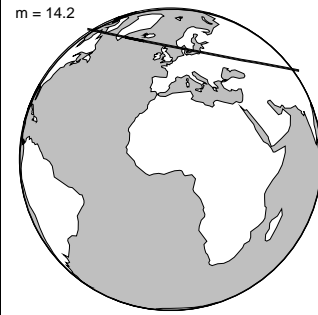
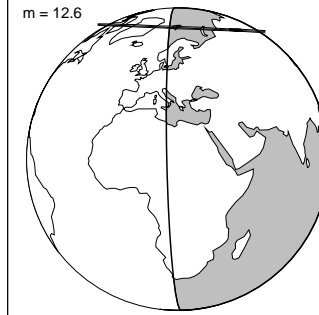
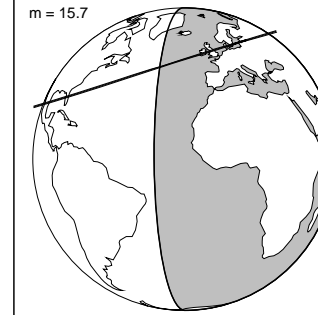
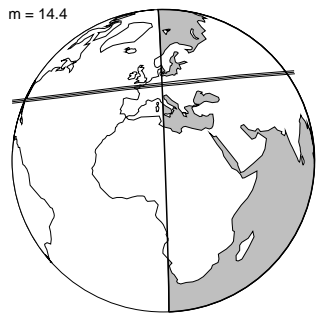
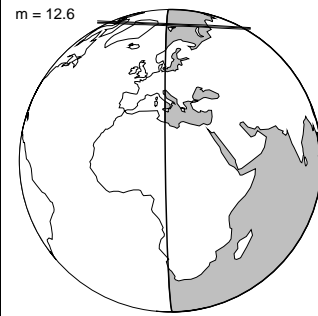
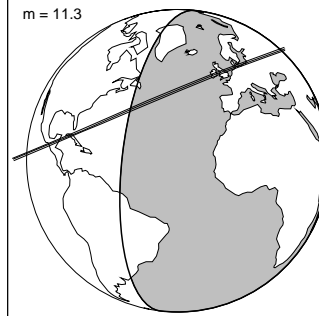
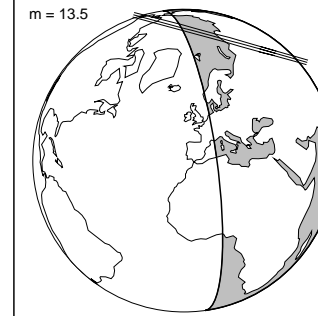
# Occultations by major and minor planets – 2011

# Region 5

<p><b>2011 jan 2 17h16.1m</b> A11_01069 675 Ludmilla UCAC2 39103792 Diam = 86.7 m = 10.9</p>  <p>Dur = 10.2s Dmag = 0.8 Sun: 162° Moon: 176°</p>	<p><b>2011 jan 5 4h48.9m</b> A11_01065 623 Chimaera TYC 2453-01146-1 Diam = 46.0 m = 10.1 m = 13.6</p>  <p>Dur = 4.2s Dmag = 3.5 Sun: 169° Moon: 168°</p>	<p><b>2011 jan 6 17h 7.3m</b> A11_01007 36 Atalante TYC 1742-00210-1 Diam = 109.0 m = 11.3 m = 12.2</p>  <p>Dur = 6.4s Dmag = 1.3 Sun: 95° Moon: 69°</p>	<p><b>2011 jan 8 18h35.7m</b> A11_01074 726 Joëlla UCAC2 34074316 Diam = 47.2 m = 11.8 m = 14.3</p>  <p>Dur = 3.7s Dmag = 2.5 Sun: 162° Moon: 123°</p>
<p><b>2011 jan 9 16h12.1m</b> A11_01036 302 Clarissa TYC 1918-01192-1 Diam = 47.0 m = 9.3 m = 13.3</p>  <p>Dur = 4.9s Dmag = 4.1 Sun: 173° Moon: 120°</p>	<p><b>2011 jan 10 18h59.0m</b> A11_01031 233 Asterope TYC 0016-01141-1 Diam = 108.0 m = 11.1 m = 13.2</p>  <p>Dur = 4.5s Dmag = 2.2 Sun: 79° Moon: 9°</p>	<p><b>2011 jan 10 23h42.1m</b> A11_01030 229 Adelinda UCAC2 40179592 Diam = 96.0 m = 11.4 m = 14.4</p>  <p>Dur = 6.2s Dmag = 3.0 Sun: 174° Moon: 111°</p>	<p><b>2011 jan 18 22h40.7m</b> A11_01034 280 Philia HIP 43145 Diam = 48.0 m = 8.8 m = 14.9</p>  <p>Dur = 4.4s Dmag = 6.1 Sun: 166° Moon: 24°</p>
<p><b>2011 jan 18 23h34.3m</b> A11_01025 150 Nuwa HIP 41040 Diam = 157.0 m = 6.8 m = 12.7</p>  <p>Dur = 11.2s Dmag = 5.8 Sun: 173° Moon: 18°</p>	<p><b>2011 jan 25 17h33.5m</b> A11_01022 144 Vibilia TYC 1228-00368-1 Diam = 178.0 m = 9.9 m = 12.1</p>  <p>Dur = 14.0s Dmag = 2.3 Sun: 104° Moon: 154°</p>	<p><b>2011 jan 25 18h40.5m</b> A11_01008 36 Atalante TYC 1754-00433-1 Diam = 109.0 m = 11.8 m = 12.4</p>  <p>Dur = 4.7s Dmag = 1.1 Sun: 85° Moon: 166°</p>	<p><b>2011 jan 26 0h 4.7m</b> A11_01056 481 Emita TYC 1971-00604-1 Diam = 116.0 m = 11.6 m = 12.4</p>  <p>Dur = 10.8s Dmag = 1.2 Sun: 155° Moon: 66°</p>
<p><b>2011 jan 26 17h59.4m</b> A11_01038 303 Josephina TYC 1198-00693-1 Diam = 103.0 m = 10.2 m = 14.3</p>  <p>Dur = 4.7s Dmag = 4.2 Sun: 79° Moon: 167°</p>	<p><b>2011 feb 1 22h 4.2m</b> A11_02045 569 Misa TYC 1401-02047-1 Diam = 75.6 m = 11.3 m = 12.7</p>  <p>Dur = 7.9s Dmag = 1.7 Sun: 176° Moon: 163°</p>	<p><b>2011 feb 6 16h11.5m</b> A11_02022 253 Mathilde TYC 0661-00150-1 Diam = 61.0 m = 10.7 m = 15.1</p>  <p>Dur = 4.8s Dmag = 4.4 Sun: 100° Moon: 63°</p>	<p><b>2011 feb 7 3h11.2m</b> A11_02029 314 Rosalia TYC 0234-01583-1 Diam = 61.6 m = 10.4 m = 14.6</p>  <p>Dur = 3.9s Dmag = 4.2 Sun: 170° Moon: 140°</p>

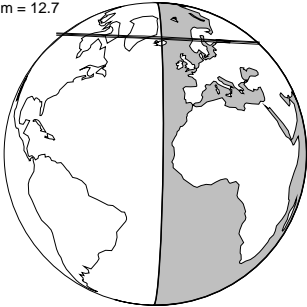
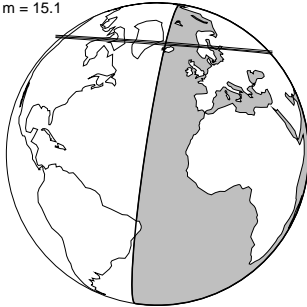
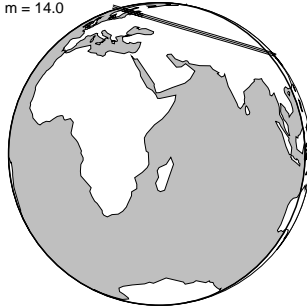
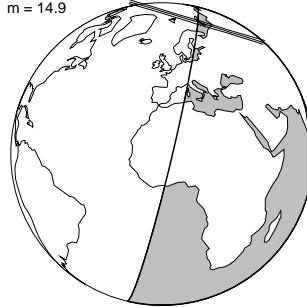
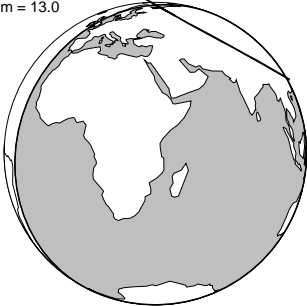
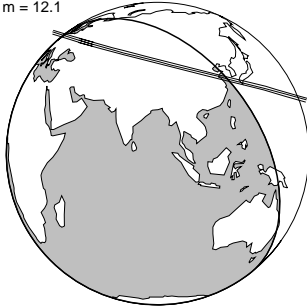
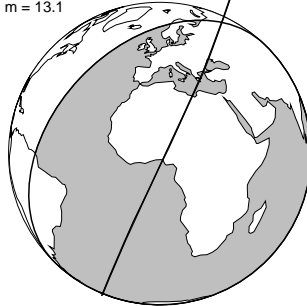
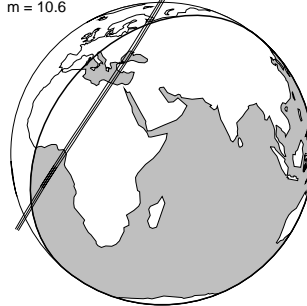
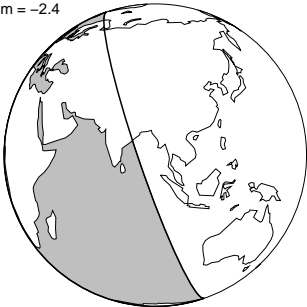
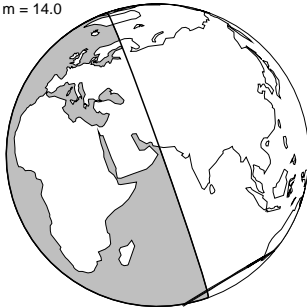
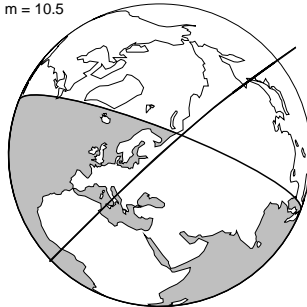
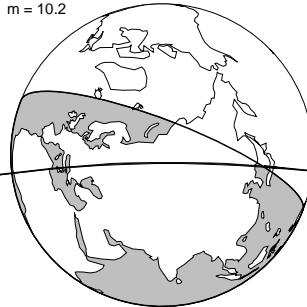
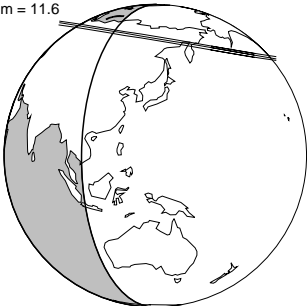
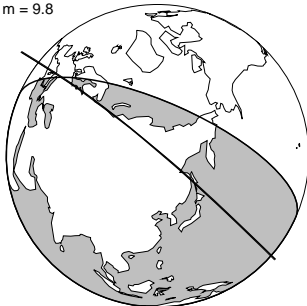
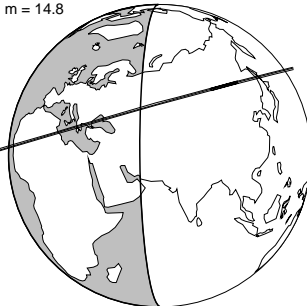
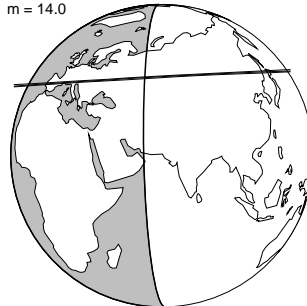
# Occultations by major and minor planets – 2011

# Region 5

<p><b>2011 feb 18 1h18.2m</b> A11_02051 746 Marlu UCAC2 45661702 Diam = 75.5 m = 11.9</p>  <p>Dur = 5.3s Dmag = 4.1 Sun: 142° Moon: 37°</p>	<p><b>2011 feb 19 16h34.6m</b> A11_02038 498 Tokio TYC 1273-00760-1 Diam = 84.8 m = 9.3</p>  <p>Dur = 6.2s Dmag = 4.8 Sun: 97° Moon: 102°</p>	<p><b>2011 feb 22 19h26.4m</b> A11_02020 225 Henrietta UCAC2 30010313 Diam = 124.0 m = 11.9</p>  <p>Dur = 7.2s Dmag = 3.2 Sun: 150° Moon: 81°</p>	<p><b>2011 feb 22 22h58.2m</b> A11_02037 476 Hedwig TYC 1877-01163-1 Diam = 121.0 m = 11.8</p>  <p>Dur = 38.5s Dmag = 1.9 Sun: 118° Moon: 126°</p>
<p><b>2011 feb 26 13h25.8m</b> A11_02046 586 Thekla TYC 1224-00691-1 Diam = 85.0 m = 11.3</p>  <p>Dur = 3.1s Dmag = 3.7 Sun: 68° Moon: 139°</p>	<p><b>2011 mar 5 23h28.2m</b> A11_03027 245 Vera TYC 0864-01005-1 Diam = 84.8 m = 11.1</p>  <p>Dur = 5.6s Dmag = 2.0 Sun: 168° Moon: 168°</p>	<p><b>2011 mar 6 21h 8.3m</b> A11_03024 205 Martha HIP 55062 Diam = 83.5 m = 9.6</p>  <p>Dur = 6.6s Dmag = 3.7 Sun: 167° Moon: 164°</p>	<p><b>2011 mar 7 19h28.2m</b> A11_03061 874 Rotraut TYC 0778-00482-1 Diam = 58.3 m = 11.4</p>  <p>Dur = 9.1s Dmag = 3.7 Sun: 127° Moon: 98°</p>
<p><b>2011 mar 8 20h59.8m</b> A11_03045 554 Peraga TYC 1879-00114-1 Diam = 98.5 m = 10.9</p>  <p>Dur = 9.5s Dmag = 2.1 Sun: 108° Moon: 65°</p>	<p><b>2011 mar 12 23h51.6m</b> A11_03068 1351 Uzbekistania UCAC2 35579288 Diam = 67.1 m = 11.2</p>  <p>Dur = 4.9s Dmag = 3.0 Sun: 171° Moon: 83°</p>	<p><b>2011 mar 14 17h 1.6m</b> A11_03052 675 Ludmilla UCAC2 38034187 Diam = 86.7 m = 11.8</p>  <p>Dur = 5.2s Dmag = 1.2 Sun: 94° Moon: 17°</p>	<p><b>2011 mar 15 20h14.6m</b> A11_03057 726 Joëlla TYC 0732-00707-1 Diam = 47.2 m = 10.7</p>  <p>Dur = 4.5s Dmag = 5.0 Sun: 101° Moon: 26°</p>
<p><b>2011 mar 16 17h15.6m</b> A11_03036 419 Aurelia HIP 26539 Diam = 133.0 m = 14.4</p>  <p>Dur = 10.0s Dmag = 4.9 Sun: 89° Moon: 48°</p>	<p><b>2011 mar 17 17h10.1m</b> A11_03053 675 Ludmilla UCAC2 38035302 Diam = 86.7 m = 11.1</p>  <p>Dur = 4.9s Dmag = 1.7 Sun: 91° Moon: 59°</p>	<p><b>2011 mar 17 21h44.4m</b> A11_03006 28 Bellona TYC 1354-00368-1 Diam = 126.0 m = 11.2</p>  <p>Dur = 14.6s Dmag = 0.8 Sun: 111° Moon: 42°</p>	<p><b>2011 mar 23 17h49.2m</b> A11_03033 375 Ursula TYC 2401-01173-1 Diam = 216.0 m = 8.7</p>  <p>Dur = 9.4s Dmag = 4.8 Sun: 77° Moon: 156°</p>

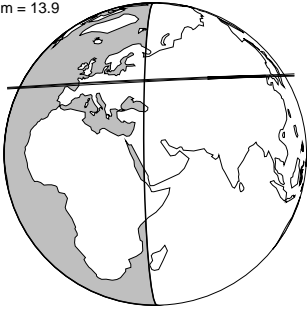
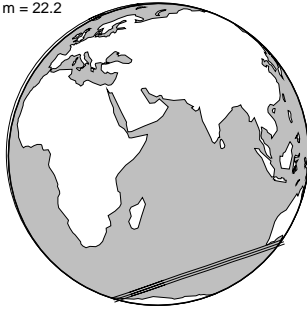
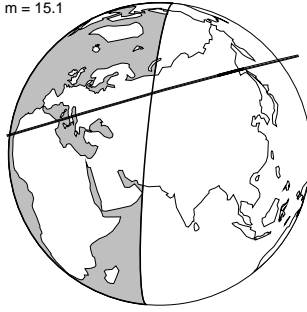
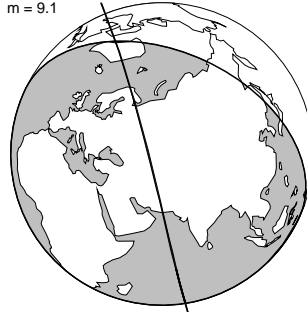
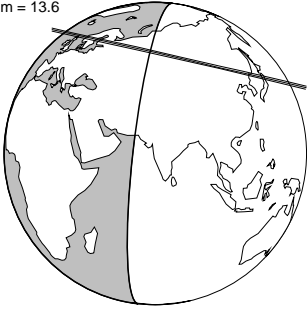
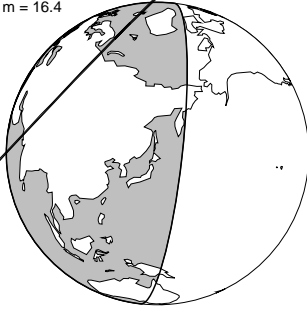
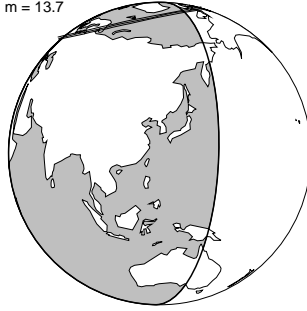
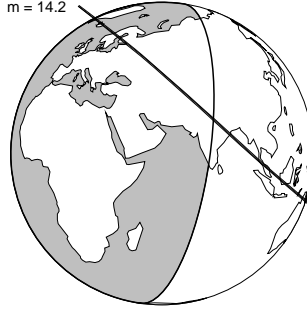
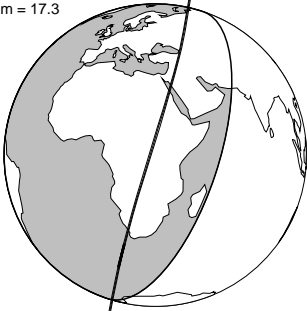
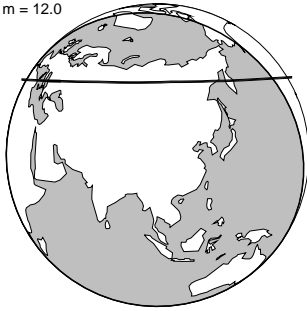
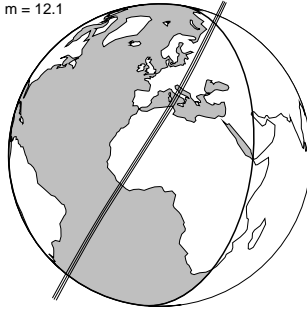
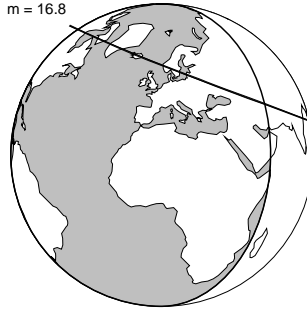
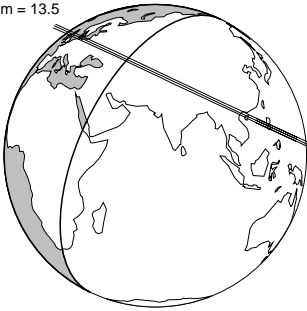
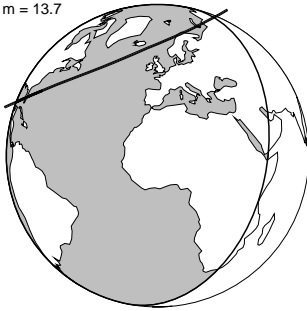
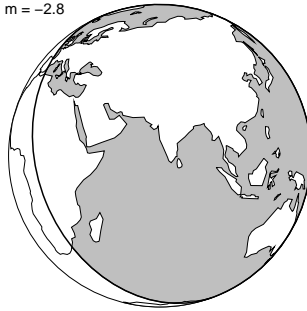
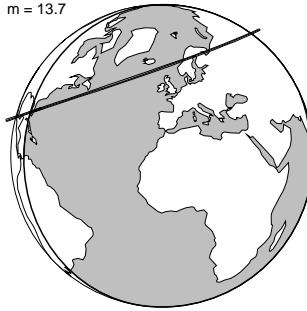
# Occultations by major and minor planets – 2011

# Region 5

<p><b>2011 mar 24 19h30.6m</b> A11_03055 675 Ludmilla TYC 1317-00643-1 Diam = 86.7 m = 10.7 m = 12.7</p>  <p>Dur = 4.3s Dmag = 2.2 Sun: 87° Moon: 161°</p>	<p><b>2011 apr 5 20h27.1m</b> A11_04075 1269 Rollandia TYC 1359-00088-1 Diam = 109.0 m = 11.6 m = 15.1</p>  <p>Dur = 8.6s Dmag = 3.6 Sun: 94° Moon: 70°</p>	<p><b>2011 apr 17 22h 5.4m</b> A11_04024 86 Semele TYC 5569-00763-1 Diam = 127.0 m = 11.9 m = 14.0</p>  <p>Dur = 8.6s Dmag = 2.3 Sun: 163° Moon: 20°</p>	<p><b>2011 apr 27 18h15.2m</b> A11_04044 283 Emma TYC 1382-00487-1 Diam = 150.0 m = 11.0 m = 14.9</p>  <p>Dur = 9.1s Dmag = 3.9 Sun: 86° Moon: 147°</p>
<p><b>2011 may 12 19h55.2m</b> A11_05026 189 Phthia TYC 5546-01019-1 Diam = 38.5 m = 11.0 m = 13.0</p>  <p>Dur = 4.2s Dmag = 2.1 Sun: 155° Moon: 40°</p>	<p><b>2011 jun 8 20h38.8m</b> A11_06025 185 Eunike UCAC2 33647250 Diam = 165.0 m = 11.9 m = 12.1</p>  <p>Dur = 30.4s Dmag = 0.9 Sun: 132° Moon: 132°</p>	<p><b>2011 jul 18 21h42.6m</b> A11_07034 273 Atropos TYC 0993-01571-1 Diam = 32.1 m = 10.5 m = 13.1</p>  <p>Dur = 3.4s Dmag = 2.7 Sun: 136° Moon: 73°</p>	<p><b>2011 jul 21 18h42.7m</b> A11_07026 194 Prokne UCAC2 33254710 Diam = 174.0 m = 11.0 m = 10.6</p>  <p>Dur = 19.8s Dmag = 0.6 Sun: 140° Moon: 100°</p>
<p><b>2011 jul 25 0h 2.6m</b> P11_07001 Jupiter TYC 0638-00126-1 Diam = 133542.0 m = 9.1 m = -2.4</p>  <p>Dur = 8615.2s Dmag = 0.0 Sun: 83° Moon: 14°</p>	<p><b>2011 aug 4 1h31.6m</b> A11_08030 371 Bohemia TYC 1220-00199-2 Diam = 56.7 m = 9.4 m = 14.0</p>  <p>Dur = 3.7s Dmag = 4.6 Sun: 91° Moon: 150°</p>	<p><b>2011 aug 6 22h56.2m</b> A11_08056 1036 Ganymed TYC 4264-01166-1 Diam = 41.0 m = 12.2 m = 10.5</p>  <p>Dur = 4.6s Dmag = 0.2 Sun: 100° Moon: 118°</p>	<p><b>2011 aug 26 20h29.3m</b> A11_08058 1036 Ganymed TYC 4289-01002-1 Diam = 41.0 m = 12.4 m = 10.2</p>  <p>Dur = 6.0s Dmag = 0.1 Sun: 103° Moon: 90°</p>
<p><b>2011 sep 6 22h51.6m</b> A11_09012 39 Laetitia TYC 0760-02264-1 Diam = 159.0 m = 10.9 m = 11.6</p>  <p>Dur = 5.1s Dmag = 1.2 Sun: 60° Moon: 173°</p>	<p><b>2011 sep 10 17h25.6m</b> A11_09084 1036 Ganymed TYC 4020-01574-1 Diam = 41.0 m = 11.1 m = 9.8</p>  <p>Dur = 5.3s Dmag = 0.3 Sun: 110° Moon: 77°</p>	<p><b>2011 sep 11 1h58.6m</b> A11_09033 143 Adria TYC 2412-00636-1 Diam = 92.0 m = 8.9 m = 14.8</p>  <p>Dur = 4.6s Dmag = 5.9 Sun: 82° Moon: 111°</p>	<p><b>2011 sep 13 1h53.7m</b> A11_09038 177 Irma TYC 1866-01091-1 Diam = 75.3 m = 9.5 m = 14.0</p>  <p>Dur = 3.5s Dmag = 4.5 Sun: 83° Moon: 89°</p>

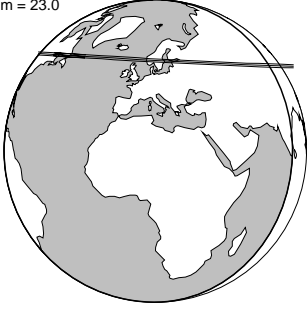
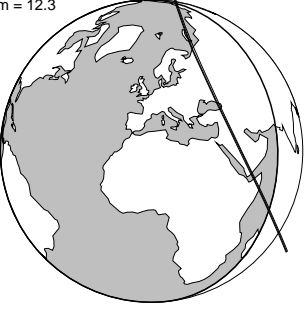

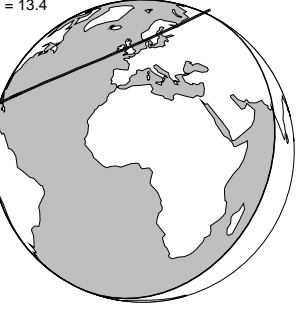
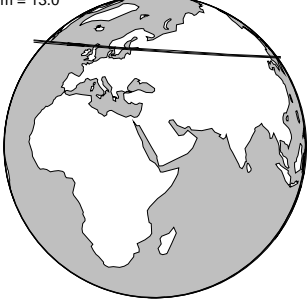
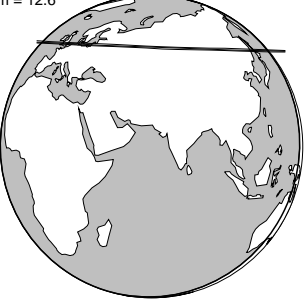

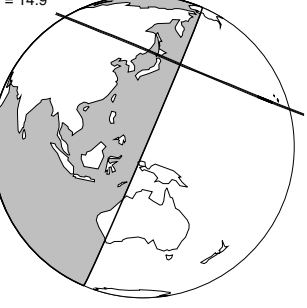
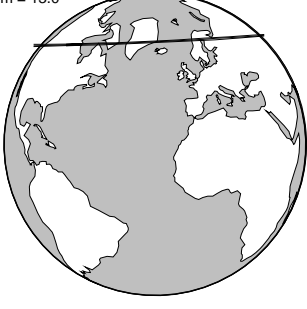
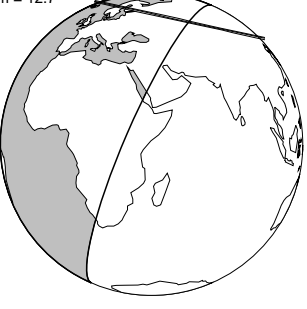
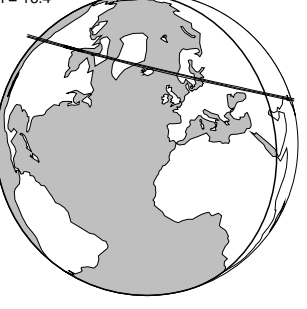
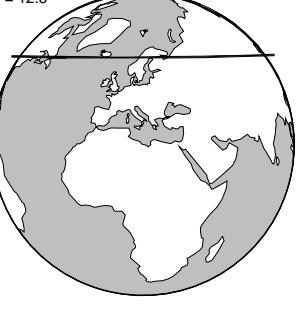

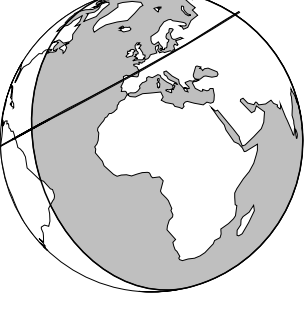

# Occultations by major and minor planets – 2011

# Region 5

<p><b>2011 sep 17 3h 7.0m</b> A11_09039 177 Irma TYC 1866-01429-1 Diam = 75.3 m = 10.8 m = 13.9</p>  <p>Dur = 3.7s Dmag = 3.2 Sun: 85° Moon: 43°</p>	<p><b>2011 sep 19 19h35.0m</b> A11_09096 2001QC298 UCAC2 33329462 Diam = 199.5 m = 11.6 m = 22.2</p>  <p>Dur = 7.9s Dmag = 10.6 Sun: 168° Moon: 88°</p>	<p><b>2011 sep 25 1h55.2m</b> A11_09071 693 Zerbinita TYC 2928-01413-1 Diam = 69.1 m = 11.3 m = 15.1</p>  <p>Dur = 3.6s Dmag = 3.8 Sun: 84° Moon: 54°</p>	<p><b>2011 oct 1 20h53.4m</b> A11_10070 1036 Ganymed TYC 3283-01671-1 Diam = 41.0 m = 10.3 m = 9.1</p>  <p>Dur = 3.4s Dmag = 0.3 Sun: 132° Moon: 138°</p>
<p><b>2011 oct 2 1h35.4m</b> A11_10014 74 Galatea TYC 1349-01449-1 Diam = 123.0 m = 9.3 m = 13.6</p>  <p>Dur = 6.0s Dmag = 4.3 Sun: 81° Moon: 145°</p>	<p><b>2011 oct 22 19h59.5m</b> A11_10080 3540 Protesilaos HIP 37192 Diam = 52.5 m = 9.3 m = 16.4</p>  <p>Dur = 3.5s Dmag = 7.1 Sun: 99° Moon: 52°</p>	<p><b>2011 oct 24 19h59.3m</b> A11_10029 203 Pompeja TYC 1888-01319-1 Diam = 120.0 m = 11.7 m = 13.7</p>  <p>Dur = 21.5s Dmag = 2.1 Sun: 112° Moon: 85°</p>	<p><b>2011 oct 26 0h48.1m</b> A11_10049 429 Lotis TYC 0760-02267-1 Diam = 70.3 m = 10.0 m = 14.2</p>  <p>Dur = 7.6s Dmag = 4.2 Sun: 108° Moon: 97°</p>
<p><b>2011 nov 7 2h 0.3m</b> A11_11091 2759 Idomeneus UCAC2 31299700 Diam = 73.3 m = 11.4 m = 17.3</p>  <p>Dur = 8.6s Dmag = 5.9 Sun: 114° Moon: 105°</p>	<p><b>2011 nov 7 18h 5.0m</b> A11_11030 172 Baucis UCAC2 44791198 Diam = 64.5 m = 11.4 m = 12.0</p>  <p>Dur = 6.7s Dmag = 1.1 Sun: 154° Moon: 53°</p>	<p><b>2011 nov 8 3h 6.7m</b> A11_11057 409 Aspasia UCAC2 38227251 Diam = 168.0 m = 11.1 m = 12.1</p>  <p>Dur = 31.6s Dmag = 1.3 Sun: 127° Moon: 82°</p>	<p><b>2011 nov 15 2h36.5m</b> A11_11095 5123 1989BL TYC 1883-02087-1 Diam = 34.7 m = 12.5 m = 16.8</p>  <p>Dur = 4.2s Dmag = 4.4 Sun: 135° Moon: 5°</p>
<p><b>2011 nov 15 3h24.8m</b> A11_11022 93 Minerva TYC 0277-00440-1 Diam = 170.8 m = 10.0 m = 13.5</p>  <p>Dur = 5.4s Dmag = 3.5 Sun: 59° Moon: 73°</p>	<p><b>2011 nov 26 3h 4.0m</b> A11_11047 336 Lacadiera TYC 1349-01615-1 Diam = 72.0 m = 11.6 m = 13.7</p>  <p>Dur = 13.0s Dmag = 2.3 Sun: 136° Moon: 148°</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 1 22h35.0m</b> A11_12086 613 Ginevra TYC 1776-00815-1 Diam = 82.0 m = 11.6 m = 13.7</p>  <p>Dur = 8.5s Dmag = 2.3 Sun: 155° Moon: 73°</p>

# Occultations by major and minor planets – 2011

# Region 5

<p><b>2011 dec 3 0h50.7m</b> B11_12001 1998WG24 UCAC2 40161096 Diam = 138.0 m = 13.1 m = 23.0</p>  <p>Dur = 6.1s Dmag = 9.9 Sun: 155° Moon: 108°</p>	<p><b>2011 dec 3 2h 1.9m</b> A11_12081 593 Titania UCAC2 42047397 Diam = 78.2 m = 11.4 m = 12.3</p>  <p>Dur = 8.9s Dmag = 1.3 Sun: 146° Moon: 114°</p>	<p><b>2011 dec 4 21h52.5m</b> A11_12039 156 Xanthippe TYC 1328-00661-1 Diam = 126.0 m = 11.5 m = 13.2</p>  <p>Dur = 10.3s Dmag = 1.9 Sun: 154° Moon: 87°</p>	<p><b>2011 dec 5 1h32.9m</b> A11_12072 429 Lotis TYC 0751-01199-1 Diam = 70.3 m = 11.1 m = 13.4</p>  <p>Dur = 8.3s Dmag = 2.5 Sun: 147° Moon: 92°</p>
<p><b>2011 dec 5 21h31.7m</b> A11_12068 380 Fiducia HIP 24619 Diam = 76.3 m = 7.7 m = 13.0</p>  <p>Dur = 6.1s Dmag = 5.3 Sun: 172° Moon: 59°</p>	<p><b>2011 dec 8 20h17.3m</b> A11_12028 100 Hekate UCAC2 37853686 Diam = 92.0 m = 11.4 m = 12.6</p>  <p>Dur = 6.3s Dmag = 1.5 Sun: 167° Moon: 32°</p>	<p><b>2011 dec 10 16h 3.7m</b> A11_12023 83 Beatrix UCAC2 41843337 Diam = 84.0 m = 11.2 m = 11.9</p>  <p>Dur = 7.1s Dmag = 1.1 Sun: 173° Moon: 7°</p>	<p><b>2011 dec 12 21h 5.3m</b> A11_12007 33 Polyhymnia TYC 0270-00513-1 Diam = 64.6 m = 11.1 m = 14.9</p>  <p>Dur = 5.8s Dmag = 3.9 Sun: 90° Moon: 63°</p>
<p><b>2011 dec 15 1h56.9m</b> A11_12033 112 Iphigenia TYC 1871-00287-1 Diam = 75.5 m = 10.8 m = 13.0</p>  <p>Dur = 6.5s Dmag = 2.3 Sun: 173° Moon: 48°</p>	<p><b>2011 dec 16 3h44.5m</b> A11_12027 97 Klotho TYC 4940-00176-1 Diam = 87.1 m = 12.6 m = 12.7</p>  <p>Dur = 4.2s Dmag = 0.8 Sun: 79° Moon: 34°</p>	<p><b>2011 dec 18 3h30.8m</b> A11_12111 1404 Ajax TYC 2479-01106-1 Diam = 92.0 m = 7.3 m = 16.4</p>  <p>Dur = 6.6s Dmag = 9.1 Sun: 148° Moon: 66°</p>	<p><b>2011 dec 20 23h 1.0m</b> A11_12019 75 Eurydike TYC 2419-00877-1 Diam = 58.3 m = 11.8 m = 12.6</p>  <p>Dur = 4.4s Dmag = 1.2 Sun: 171° Moon: 127°</p>
<p><b>2011 dec 21 4h49.3m</b> A11_12099 769 Tatjana TYC 2435-00240-1 Diam = 102.0 m = 11.6 m = 14.3</p>  <p>Dur = 6.4s Dmag = 2.7 Sun: 167° Moon: 122°</p>	<p><b>2011 dec 24 20h51.0m</b> A11_12093 701 Oriola TYC 1237-00249-1 Diam = 46.0 m = 11.3 m = 14.2</p>  <p>Dur = 6.1s Dmag = 2.9 Sun: 141° Moon: 139°</p>	<p><b>2011 dec 28 1h 3.9m</b> A11_12077 466 Tisiphone TYC 1903-01194-1 Diam = 121.0 m = 11.6 m = 13.0</p>  <p>Dur = 8.0s Dmag = 1.6 Sun: 171° Moon: 144°</p>	