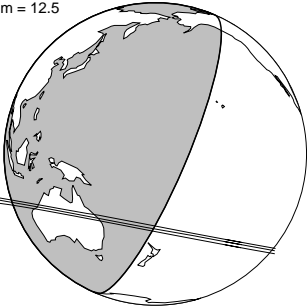
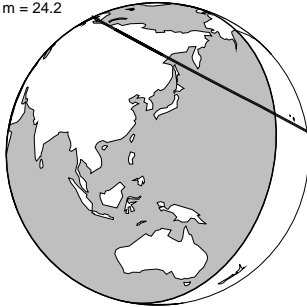
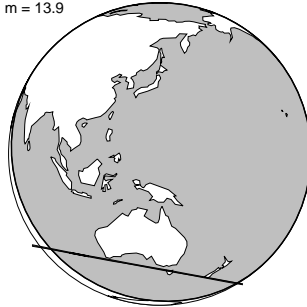
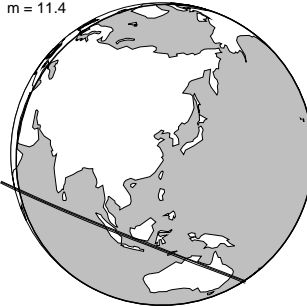
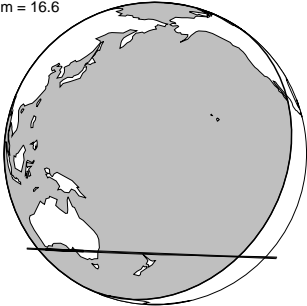
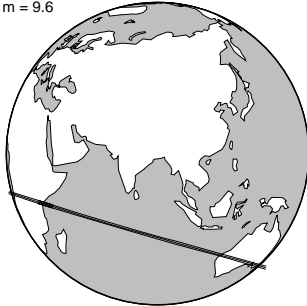
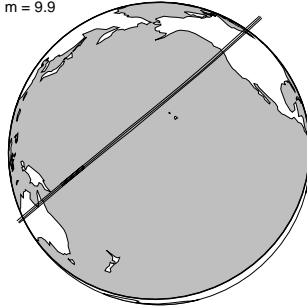
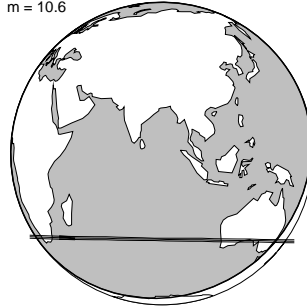
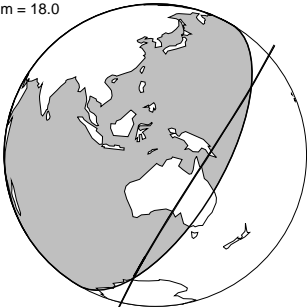
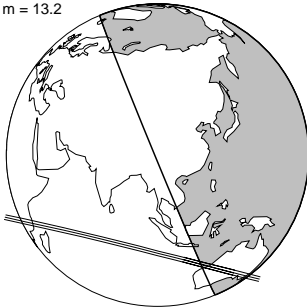
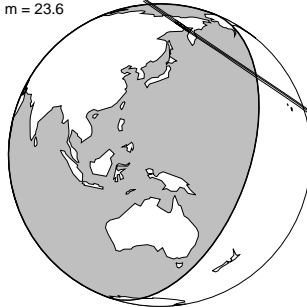
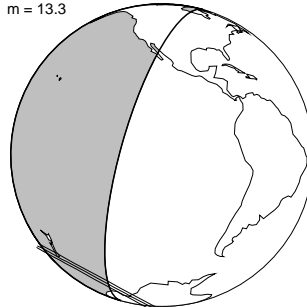
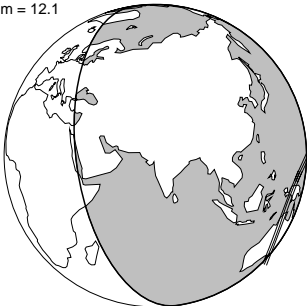
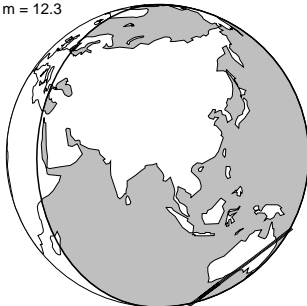
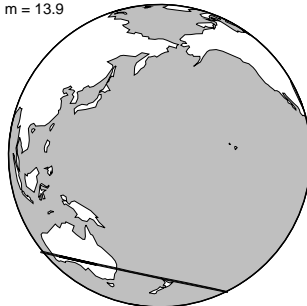
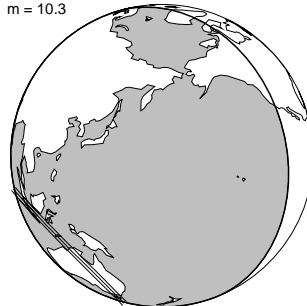


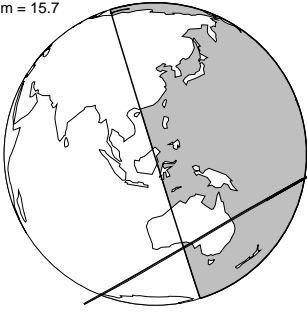
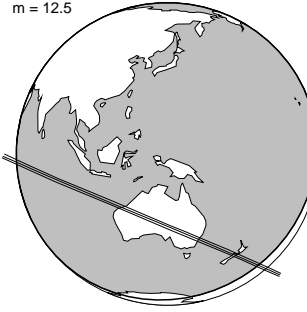
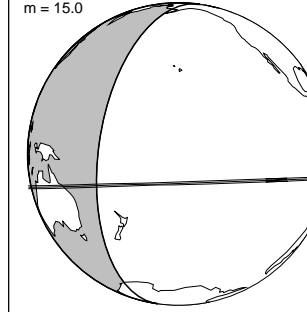
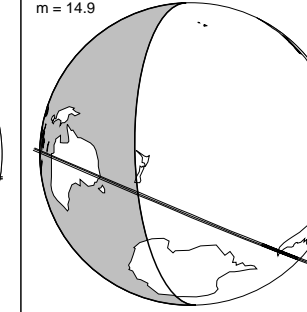
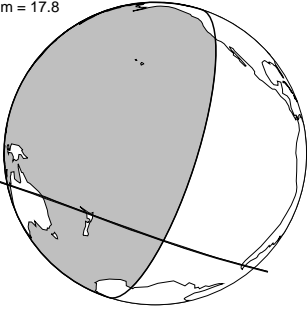
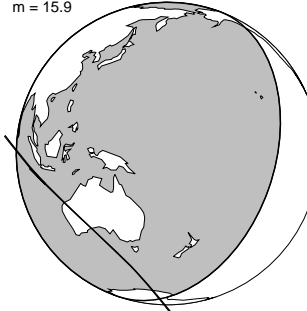
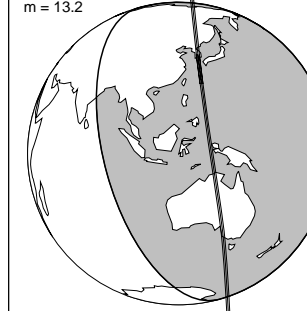
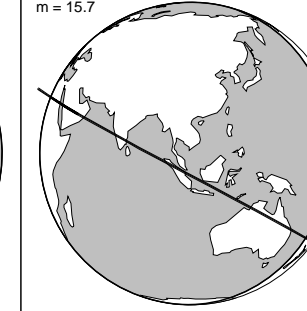
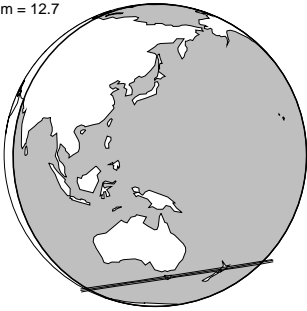
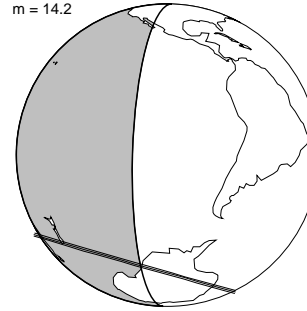
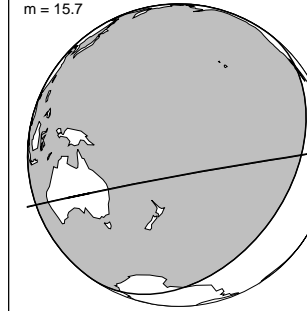
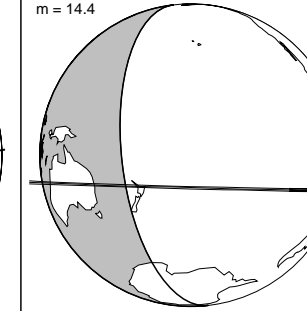
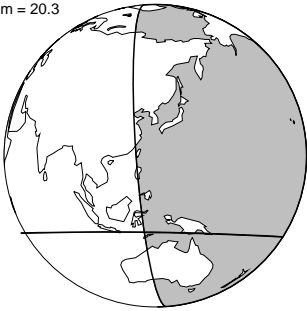
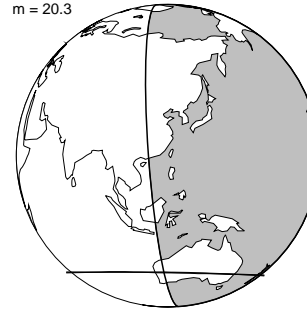
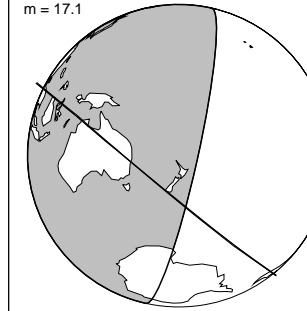
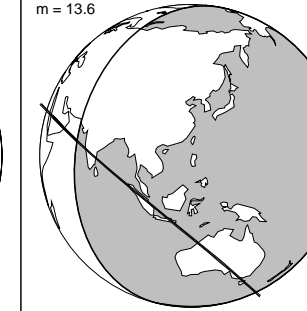
Occultations by major and minor planets – 2009

Region 8

<p>2009 jan 1 17h29.8m A09_01010 45 Eugenia TYC 0273–00353–1 Diam = 214.0 m = 12.4</p>  <p>Dur = 18.3s Dmag = 0.8 Sun: 101° Moon: 159°</p>	<p>2009 jan 3 18h 7.4m B09_01001 1999CK158 UCAC2 38256268 Diam = 75.9 m = 13.7</p>  <p>Dur = 4.0s Dmag = 10.5 Sun: 140° Moon: 138°</p>	<p>2009 jan 6 13h51.4m A09_01031 339 Dorothea TYC 0735–02885–1 Diam = 43.7 m = 11.5</p>  <p>Dur = 3.2s Dmag = 2.5 Sun: 162° Moon: 56°</p>	<p>2009 jan 6 14h54.1m A09_01064 776 Berbericia TYC 2419–00637–1 Diam = 96.4 m = 10.4</p>  <p>Dur = 7.9s Dmag = 1.4 Sun: 162° Moon: 47°</p>
<p>2009 jan 12 14h 5.5m A09_01083 1456 Saldanha HIP 46400 Diam = 45.5 m = 8.1</p>  <p>Dur = 3.4s Dmag = 8.6 Sun: 149° Moon: 12°</p>	<p>2009 jan 12 18h11.7m A09_01009 40 Harmonia TYC 1911–00493–1 Diam = 111.0 m = 11.3</p>  <p>Dur = 10.2s Dmag = 0.2 Sun: 177° Moon: 23°</p>	<p>2009 jan 13 11h27.5m A09_01053 654 Zelinda TYC 0207–00917–1 Diam = 132.0 m = 9.9</p>  <p>Dur = 13.1s Dmag = 0.4 Sun: 162° Moon: 25°</p>	<p>2009 jan 15 18h58.6m A09_01025 230 Athamantis TYC 0218–00877–1 Diam = 125.0 m = 12.3</p>  <p>Dur = 11.5s Dmag = 0.2 Sun: 160° Moon: 49°</p>
<p>2009 jan 15 19h25.8m A09_01074 998 Bodea TYC 5512–00382–1 Diam = 35.0 m = 11.5</p>  <p>Dur = 4.4s Dmag = 6.5 Sun: 116° Moon: 9°</p>	<p>2009 jan 21 10h54.1m A09_01059 702 Alauda TYC 1755–01004–1 Diam = 202.0 m = 12.6</p>  <p>Dur = 10.8s Dmag = 1.0 Sun: 90° Moon: 142°</p>	<p>2009 jan 23 18h37.7m B09_01004 2002CZ154 UCAC2 33400357 Diam = 109.6 m = 13.8</p>  <p>Dur = 8.2s Dmag = 9.8 Sun: 126° Moon: 99°</p>	<p>2009 jan 24 14h18.1m A09_01020 154 Bertha HIP 74591 Diam = 192.0 m = 8.7</p>  <p>Dur = 7.7s Dmag = 4.6 Sun: 74° Moon: 55°</p>
<p>2009 jan 24 15h 6.8m A09_01019 145 Adeona TYC 1815–00208–1 Diam = 155.0 m = 11.9</p>  <p>Dur = 37.8s Dmag = 0.9 Sun: 121° Moon: 140°</p>	<p>2009 jan 25 15h25.9m A09_01073 980 Anacostia TYC 1867–02860–1 Diam = 89.0 m = 10.1</p>  <p>Dur = 10.0s Dmag = 2.4 Sun: 142° Moon: 151°</p>	<p>2009 jan 29 12h55.0m A09_01030 271 Pentheselea TYC 1397–00920–1 Diam = 61.2 m = 11.9</p>  <p>Dur = 4.6s Dmag = 2.1 Sun: 176° Moon: 145°</p>	<p>2009 jan 29 15h15.6m A09_01005 13 Egeria HIP 54491 Diam = 215.0 m = 10.3</p>  <p>Dur = 25.7s Dmag = 1.5 Sun: 144° Moon: 148°</p>

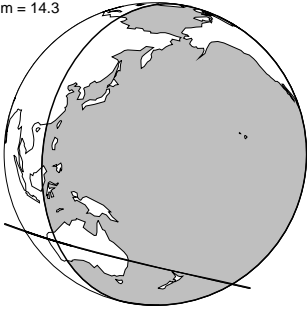
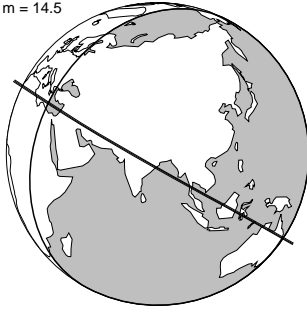
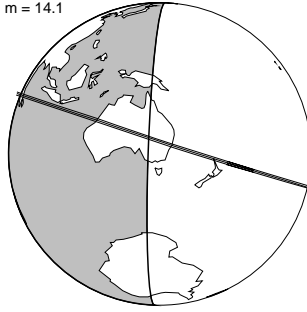
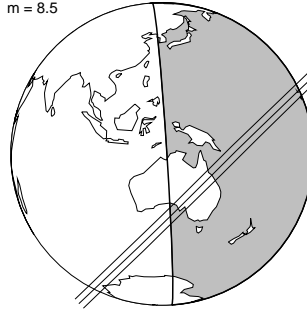
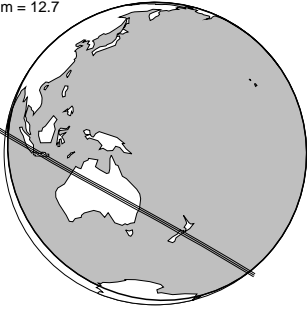
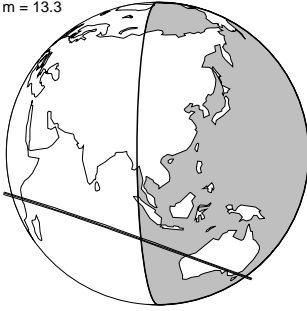
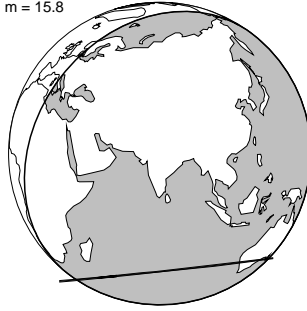
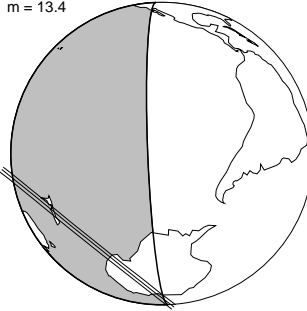
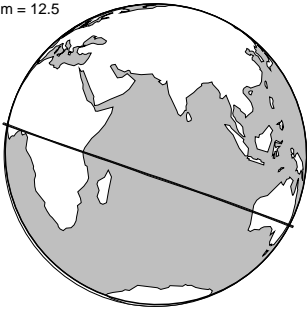
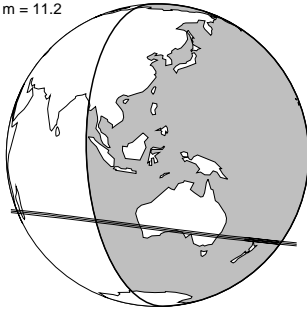
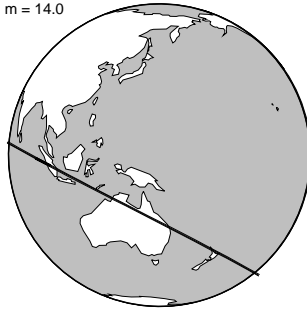
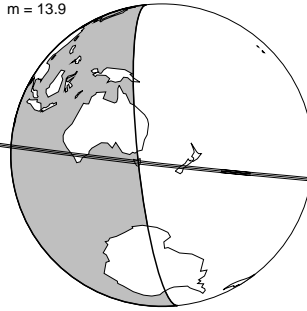
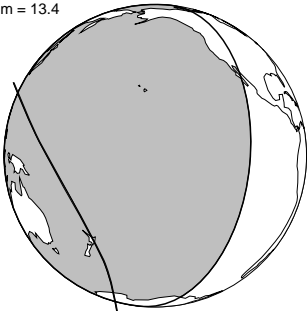
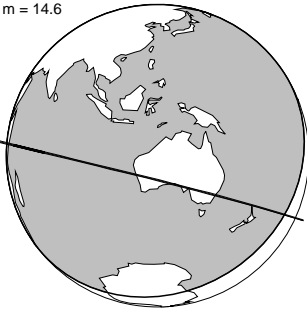
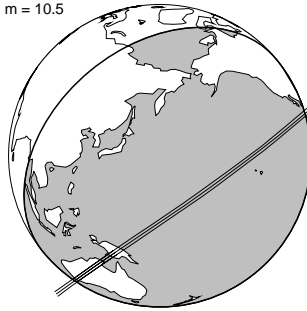
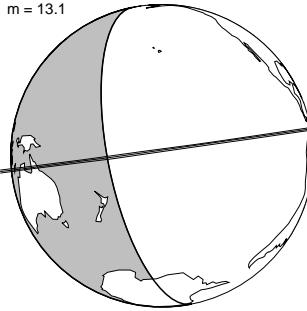
Occultations by major and minor planets – 2009

Region 8

<p>2009 jan 31 10h21.5m A09_01028 256 Walpurga TYC 0051-00720-1 Diam = 66.1 m = 11.0 m = 15.7</p>  <p>Dur = 4.5s Dmag = 4.7 Sun: 90° Moon: 36°</p>	<p>2009 feb 6 15h49.5m A09_02042 444 Gypsis UCAC2 31864315 Diam = 170.0 m = 11.6 m = 12.5</p>  <p>Dur = 12.0s Dmag = 1.3 Sun: 161° Moon: 57°</p>	<p>2009 feb 10 18h39.0m A09_02035 360 Carlota TYC 5672-00688-1 Diam = 121.0 m = 10.6 m = 15.0</p>  <p>Dur = 4.0s Dmag = 4.4 Sun: 57° Moon: 107°</p>	<p>2009 feb 16 18h11.9m A09_02004 36 Atalante TYC 7870-01000-1 Diam = 109.0 m = 12.0 m = 14.9</p>  <p>Dur = 4.1s Dmag = 2.9 Sun: 68° Moon: 26°</p>
<p>2009 feb 17 14h51.9m A09_02079 1438 Wendeline TYC 6158-01601-1 Diam = 41.7 m = 11.8 m = 17.8</p>  <p>Dur = 7.5s Dmag = 6.0 Sun: 105° Moon: 24°</p>	<p>2009 feb 18 16h12.1m A09_02087 2450 Ioannisiani UCAC2 30861791 Diam = 35.0 m = 11.5 m = 15.9</p>  <p>Dur = 11.2s Dmag = 4.4 Sun: 135° Moon: 65°</p>	<p>2009 feb 19 12h23.5m A09_02011 105 Artemis TYC 4792-01251-1 Diam = 123.0 m = 10.4 m = 13.2</p>  <p>Dur = 11.8s Dmag = 2.8 Sun: 119° Moon: 148°</p>	<p>2009 feb 22 18h39.3m A09_02073 1154 Astronomia HIP 57924 Diam = 64.3 m = 9.1 m = 15.7</p>  <p>Dur = 5.3s Dmag = 6.6 Sun: 157° Moon: 133°</p>
<p>2009 feb 23 13h31.2m A09_02046 506 Marion TYC 0815-01555-1 Diam = 109.0 m = 9.3 m = 12.7</p>  <p>Dur = 9.7s Dmag = 3.4 Sun: 159° Moon: 176°</p>	<p>2009 feb 25 13h50.1m A09_02043 469 Argentina TYC 7370-00724-1 Diam = 129.0 m = 11.5 m = 14.2</p>  <p>Dur = 5.3s Dmag = 2.8 Sun: 76° Moon: 83°</p>	<p>2009 feb 26 14h 3.7m A09_02085 2345 Fucik UCAC2 25317929 Diam = 35.5 m = 11.6 m = 15.7</p>  <p>Dur = 4.6s Dmag = 4.2 Sun: 138° Moon: 156°</p>	<p>2009 mar 2 18h35.9m A09_03062 769 Tatjana TYC 6867-00440-1 Diam = 102.0 m = 9.9 m = 14.4</p>  <p>Dur = 3.1s Dmag = 4.5 Sun: 62° Moon: 133°</p>
<p>2009 mar 3 10h 0.2m B09_03004 2005UJ498 UCAC2 39804446 Diam = 26.3 m = 12.9 m = 20.3</p>  <p>Dur = 3.3s Dmag = 7.3 Sun: 97° Moon: 20°</p>	<p>2009 mar 3 10h34.0m B09_03001 145486 2005UJ438 UCAC2 39804446 Diam = 26.3 m = 12.9 m = 20.3</p>  <p>Dur = 3.3s Dmag = 7.3 Sun: 97° Moon: 19°</p>	<p>2009 mar 3 17h44.2m A09_03075 1187 Afra TYC 7334-00187-1 Diam = 37.0 m = 11.2 m = 17.1</p>  <p>Dur = 3.1s Dmag = 5.9 Sun: 97° Moon: 173°</p>	<p>2009 mar 5 13h31.9m A09_03048 558 Carmen UCAC2 38069873 Diam = 61.6 m = 11.6 m = 13.6</p>  <p>Dur = 9.8s Dmag = 2.2 Sun: 139° Moon: 33°</p>

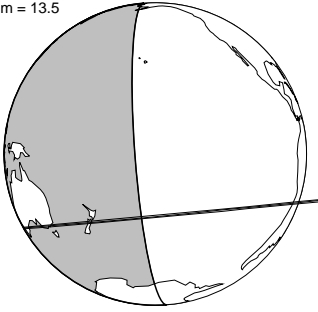
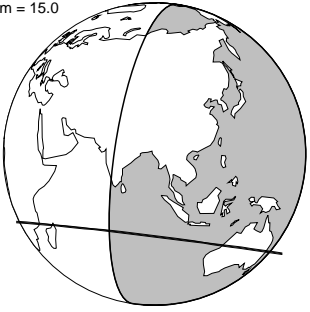
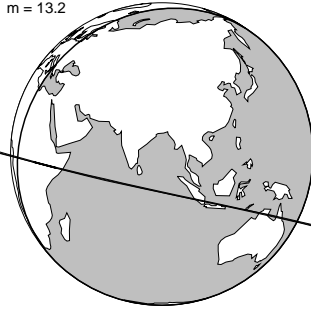
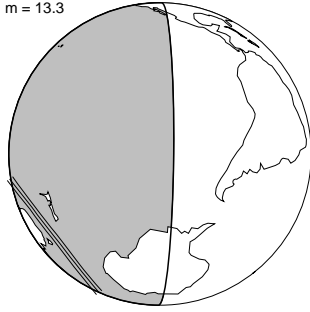
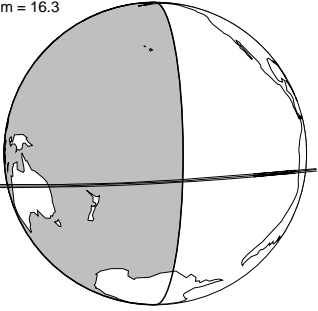
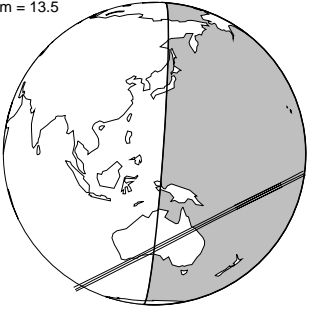
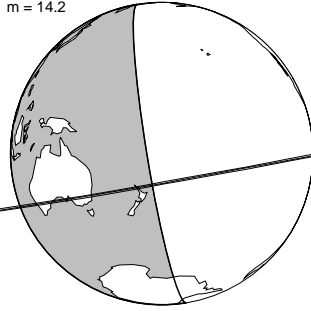
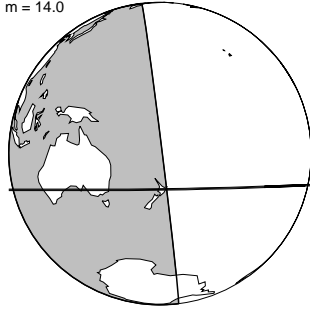
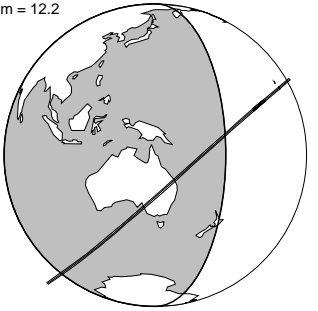
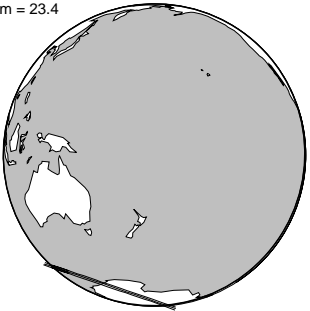
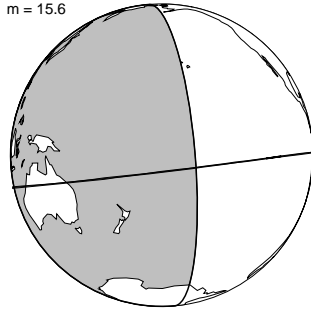
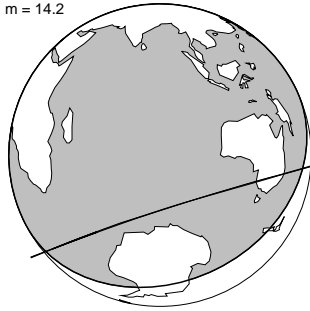
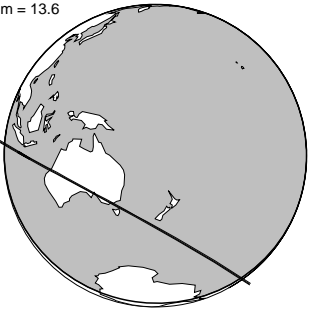
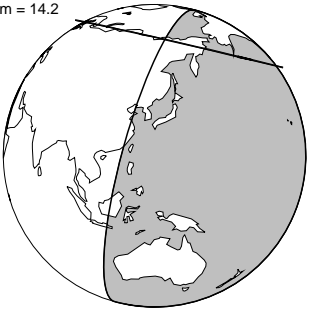
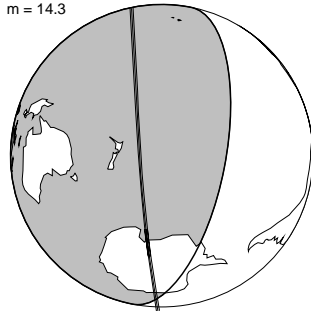
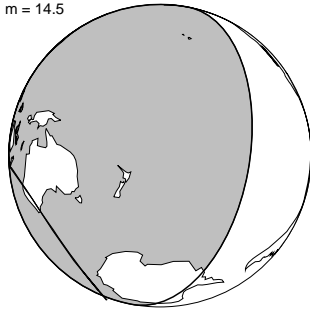
Occultations by major and minor planets – 2009

Region 8

<p>2009 mar 6 10h24.4m A09_03032 295 Theresia UCAC2 37711654 Diam = 30.6 m = 11.6 m = 14.3</p>  <p>Dur = 8.8s Dmag = 2.8 Sun: 137° Moon: 21°</p>	<p>2009 mar 8 16h16.1m A09_03063 850 Altona UCAC2 40515244 Diam = 84.5 m = 10.8 m = 14.5</p>  <p>Dur = 9.0s Dmag = 3.7 Sun: 142° Moon: 10°</p>	<p>2009 mar 9 20h31.6m A09_03041 469 Argentina UCAC2 16878561 Diam = 129.0 m = 11.3 m = 14.1</p>  <p>Dur = 6.5s Dmag = 2.9 Sun: 85° Moon: 110°</p>	<p>2009 mar 10 9h36.5m A09_03001 2 Pallas UCAC2 27231192 Diam = 523.0 m = 11.7 m = 8.5</p>  <p>Dur = 20.3s Dmag = 0.1 Sun: 88° Moon: 83°</p>
<p>2009 mar 11 12h41.1m A09_03016 95 Arethusa UCAC2 28019181 Diam = 145.0 m = 11.7 m = 12.7</p>  <p>Dur = 10.1s Dmag = 1.4 Sun: 161° Moon: 18°</p>	<p>2009 mar 12 11h40.6m A09_03072 980 Anacostia TYC 1324-02534-1 Diam = 89.0 m = 11.7 m = 13.3</p>  <p>Dur = 7.1s Dmag = 1.8 Sun: 97° Moon: 100°</p>	<p>2009 mar 14 17h12.2m A09_03076 1227 Geranium HIP 48417 Diam = 48.2 m = 7.9 m = 15.8</p>  <p>Dur = 3.6s Dmag = 7.9 Sun: 145° Moon: 79°</p>	<p>2009 mar 15 13h52.9m A09_03007 31 Euphrosyne TYC 7907-00899-1 Diam = 248.0 m = 12.2 m = 13.4</p>  <p>Dur = 12.1s Dmag = 1.5 Sun: 84° Moon: 42°</p>
<p>2009 mar 15 19h10.0m A09_03037 371 Bohemia UCAC2 29278789 Diam = 56.7 m = 11.8 m = 12.5</p>  <p>Dur = 4.7s Dmag = 1.2 Sun: 168° Moon: 60°</p>	<p>2009 mar 16 11h50.6m A09_03053 654 Zelinda TYC 4830-02507-1 Diam = 132.0 m = 13.1 m = 11.2</p>  <p>Dur = 24.8s Dmag = 0.2 Sun: 118° Moon: 119°</p>	<p>2009 mar 16 14h38.6m A09_03060 738 Alagasta TYC 0284-00235-1 Diam = 64.8 m = 11.9 m = 14.0</p>  <p>Dur = 5.6s Dmag = 2.2 Sun: 173° Moon: 62°</p>	<p>2009 mar 16 20h15.0m A09_03040 426 Hippo TYC 7905-00450-1 Diam = 134.0 m = 11.7 m = 13.9</p>  <p>Dur = 6.3s Dmag = 2.3 Sun: 80° Moon: 32°</p>
<p>2009 mar 19 13h36.7m A09_03036 351 Yrsa UCAC2 29658665 Diam = 44.3 m = 11.5 m = 13.4</p>  <p>Dur = 14.4s Dmag = 2.0 Sun: 128° Moon: 51°</p>	<p>2009 mar 19 16h49.5m A09_03038 398 Admete TYC 6117-01352-1 Diam = 50.0 m = 11.6 m = 14.6</p>  <p>Dur = 4.3s Dmag = 3.1 Sun: 154° Moon: 79°</p>	<p>2009 mar 21 11h46.8m A09_03005 13 Egeria UCAC2 44308943 Diam = 215.0 m = 11.8 m = 10.5</p>  <p>Dur = 24.6s Dmag = 0.3 Sun: 136° Moon: 149°</p>	<p>2009 mar 23 17h59.3m A09_03009 37 Fides TYC 6890-01617-1 Diam = 112.0 m = 11.6 m = 13.1</p>  <p>Dur = 4.2s Dmag = 1.7 Sun: 69° Moon: 34°</p>

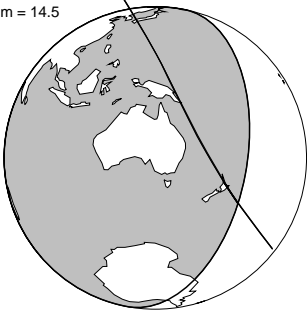
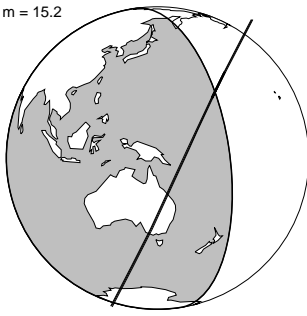
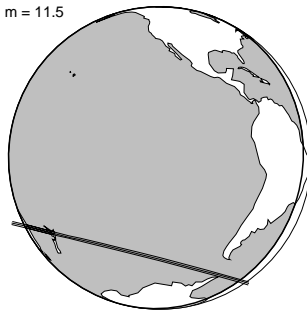
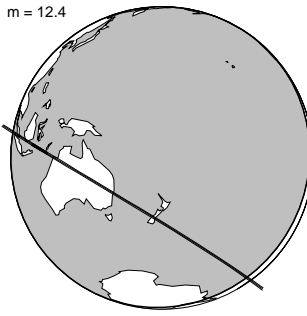
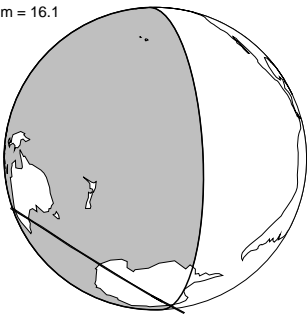
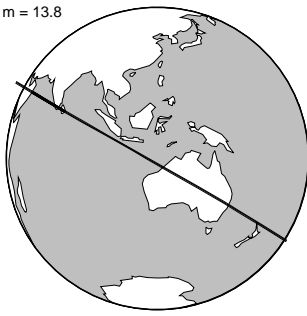
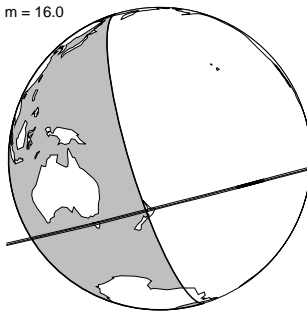
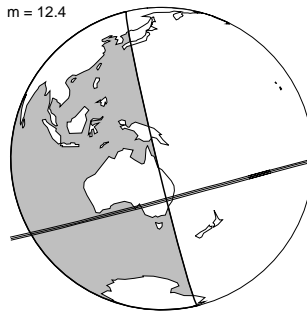
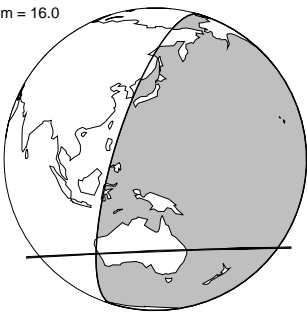
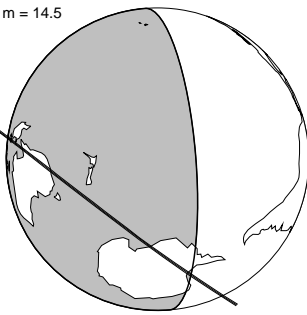
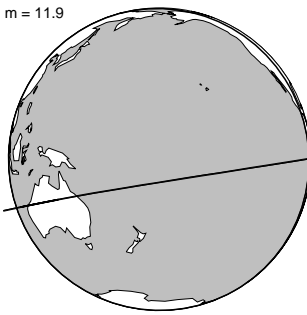
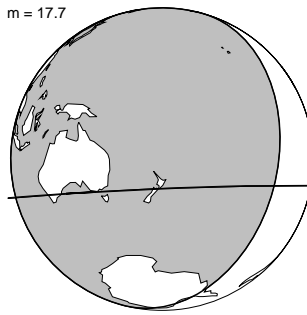
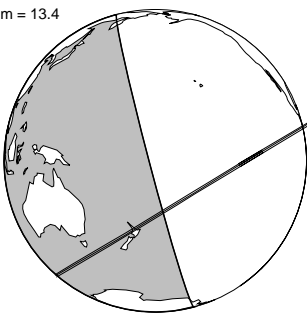
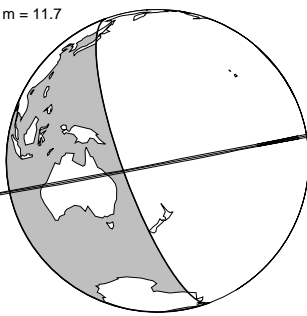
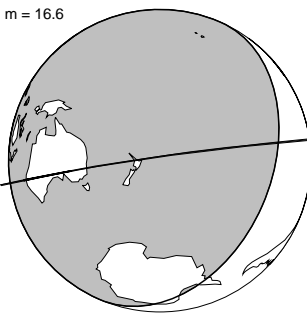
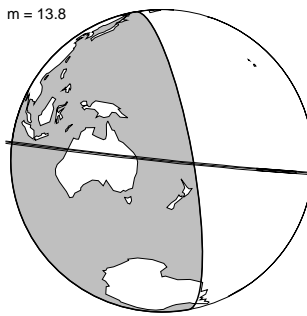
Occultations by major and minor planets – 2009

Region 8

<p>2009 mar 24 16h47.2m A09_03027 213 Lilaea TYC 6285-01457-1 Diam = 84.6 m = 11.8 m = 13.5</p>  <p>Dur = 3.6s Dmag = 1.9 Sun: 82° Moon: 58°</p>	<p>2009 mar 25 13h 4.2m A09_03054 656 Beagle TYC 1359-00806-1 Diam = 57.5 m = 9.4 m = 15.0</p>  <p>Dur = 6.3s Dmag = 5.6 Sun: 105° Moon: 119°</p>	<p>2009 mar 25 17h 0.1m A09_03021 131 Vala TYC 0854-00354-1 Diam = 43.3 m = 11.1 m = 13.2</p>  <p>Dur = 5.1s Dmag = 2.2 Sun: 156° Moon: 164°</p>	<p>2009 mar 28 13h16.0m A09_03008 31 Euphrosyne TYC 7912-01185-1 Diam = 248.0 m = 11.8 m = 13.3</p>  <p>Dur = 14.8s Dmag = 1.7 Sun: 95° Moon: 119°</p>
<p>2009 mar 31 15h39.9m A09_03061 748 Simeisa UCAC2 22295772 Diam = 107.0 m = 12.0 m = 16.3</p>  <p>Dur = 15.2s Dmag = 4.3 Sun: 100° Moon: 164°</p>	<p>2009 apr 1 9h 8.1m A09_04025 194 Prokne TYC 0737-00780-1 Diam = 174.0 m = 11.0 m = 13.5</p>  <p>Dur = 9.5s Dmag = 2.6 Sun: 86° Moon: 21°</p>	<p>2009 apr 5 18h16.1m A09_04051 554 Peraga HIP 96240 Diam = 98.5 m = 10.3 m = 14.2</p>  <p>Dur = 5.0s Dmag = 4.0 Sun: 84° Moon: 144°</p>	<p>2009 apr 6 18h30.7m A09_04015 82 Alkmene UCAC2 21646026 Diam = 63.6 m = 11.7 m = 14.0</p>  <p>Dur = 4.6s Dmag = 2.4 Sun: 90° Moon: 125°</p>
<p>2009 apr 6 18h38.3m A09_04043 393 Lampetia TYC 5657-00038-1 Diam = 106.0 m = 11.2 m = 12.2</p>  <p>Dur = 9.5s Dmag = 1.3 Sun: 117° Moon: 98°</p>	<p>2009 apr 10 12h17.3m B09_04003 2003HE57 UCAC2 26896129 Diam = 114.8 m = 12.1 m = 23.4</p>  <p>Dur = 4.7s Dmag = 11.2 Sun: 171° Moon: 4°</p>	<p>2009 apr 10 16h22.1m A09_04071 1017 Jacqueline UCAC2 25617770 Diam = 39.0 m = 11.1 m = 15.6</p>  <p>Dur = 3.6s Dmag = 4.5 Sun: 102° Moon: 65°</p>	<p>2009 apr 10 19h 9.3m A09_04082 1625 The NORC UCAC2 15519955 Diam = 28.3 m = 11.6 m = 14.2</p>  <p>Dur = 3.3s Dmag = 2.7 Sun: 147° Moon: 20°</p>
<p>2009 apr 11 12h42.9m A09_04061 792 Metcalfia TYC 6118-00396-1 Diam = 63.5 m = 11.5 m = 13.6</p>  <p>Dur = 6.1s Dmag = 2.2 Sun: 166° Moon: 22°</p>	<p>2009 apr 14 10h26.0m A09_04033 288 Glauke TYC 1398-01823-1 Diam = 37.5 m = 10.7 m = 14.2</p>  <p>Dur = 3.5s Dmag = 3.6 Sun: 102° Moon: 134°</p>	<p>2009 apr 15 15h 8.8m A09_04009 36 Atalante TYC 7898-01958-1 Diam = 109.0 m = 11.7 m = 14.3</p>  <p>Dur = 11.2s Dmag = 2.7 Sun: 114° Moon: 20°</p>	<p>2009 apr 18 14h44.6m A09_04072 1145 Robelmonte UCAC2 18246484 Diam = 25.5 m = 11.9 m = 14.5</p>  <p>Dur = 6.0s Dmag = 2.7 Sun: 126° Moon: 49°</p>

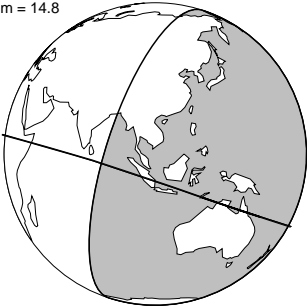
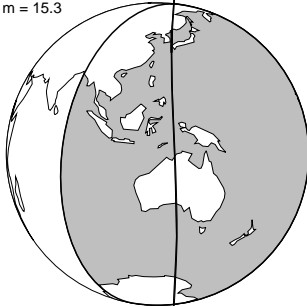
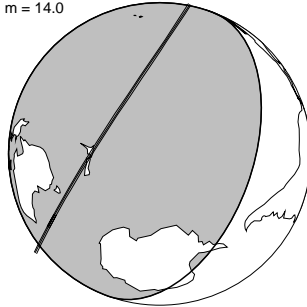
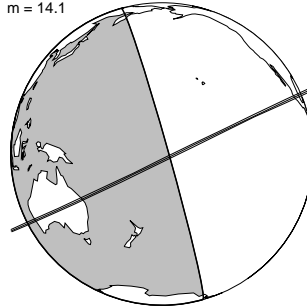
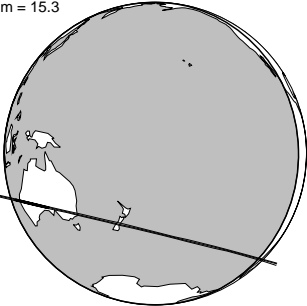
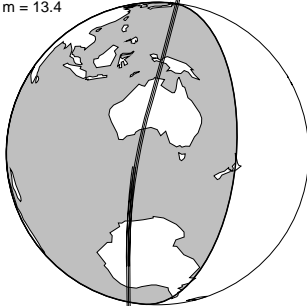
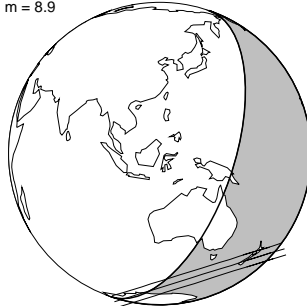
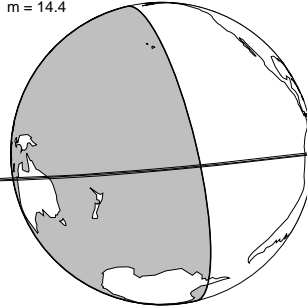
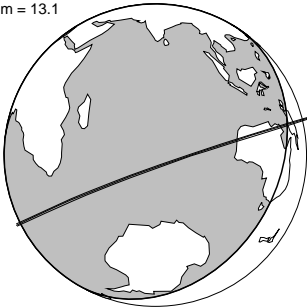
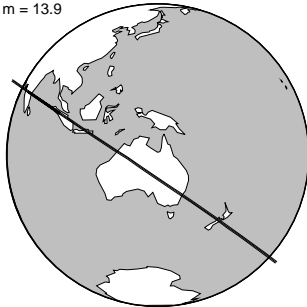
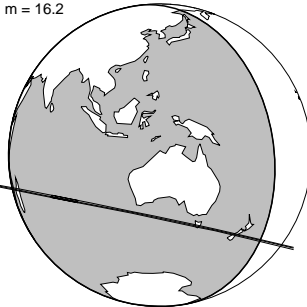
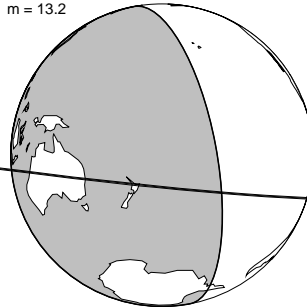
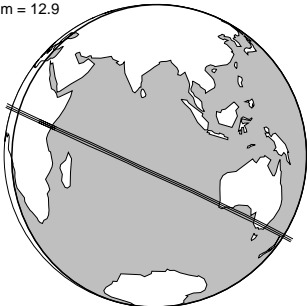
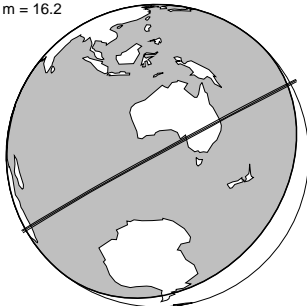
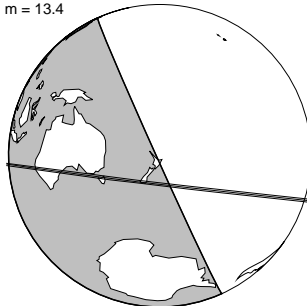
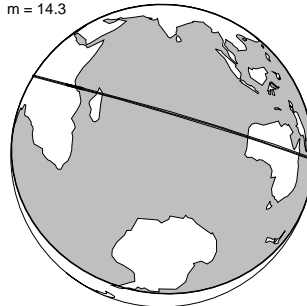
Occultations by major and minor planets – 2009

Region 8

<p>2009 apr 19 18h 9.3m A09_04073 1145 Robelmonte TYC 7366–00274–1 Diam = 25.5 m = 12.3 m = 14.5</p>  <p>Dur = 6.4s Dmag = 2.4 Sun: 127° Moon: 63°</p>	<p>2009 apr 19 18h26.6m A09_04066 921 Jovita HIP 88165 Diam = 60.5 m = 9.3 m = 15.2</p>  <p>Dur = 5.9s Dmag = 6.0 Sun: 118° Moon: 55°</p>	<p>2009 apr 20 9h 7.6m A09_04008 24 Themis TYC 6173–00285–1 Diam = 127.1 m = 11.5</p>  <p>Dur = 11.8s Dmag = 0.3 Sun: 160° Moon: 102°</p>	<p>2009 apr 20 13h11.6m A09_04048 478 Tergeste TYC 6166–00049–1 Diam = 82.0 m = 12.2 m = 12.4</p>  <p>Dur = 6.4s Dmag = 0.9 Sun: 164° Moon: 109°</p>
<p>2009 apr 20 15h 8.2m A09_04070 1008 La Paz TYC 7413–01337–1 Diam = 41.0 m = 10.9 m = 16.1</p>  <p>Dur = 5.0s Dmag = 5.2 Sun: 108° Moon: 54°</p>	<p>2009 apr 20 16h14.8m A09_04044 429 Lotis TYC 5561–01384–1 Diam = 70.3 m = 13.8 m = 10.9</p>  <p>Dur = 5.1s Dmag = 3.0 Sun: 175° Moon: 120°</p>	<p>2009 apr 21 19h 2.7m A09_04032 223 Rosa TYC 6350–01438–1 Diam = 90.7 m = 10.8 m = 16.0</p>  <p>Dur = 4.3s Dmag = 5.2 Sun: 78° Moon: 37°</p>	<p>2009 apr 22 20h29.4m A09_04004 5 Astraea UCAC2 26122878 Diam = 125.0 m = 11.9 m = 12.4</p>  <p>Dur = 7.9s Dmag = 1.1 Sun: 87° Moon: 58°</p>
<p>2009 apr 23 9h57.0m A09_04076 1200 Imperatrix TYC 0823–00554–1 Diam = 42.0 m = 10.4 m = 16.0</p>  <p>Dur = 5.8s Dmag = 5.6 Sun: 106° Moon: 129°</p>	<p>2009 apr 25 15h30.4m A09_04062 795 Fini UCAC2 13468220 Diam = 78.7 m = 11.6 m = 14.5</p>  <p>Dur = 5.8s Dmag = 3.0 Sun: 104° Moon: 113°</p>	<p>2009 apr 26 12h15.8m A09_04058 753 Tiflis TYC 5578–00399–1 Diam = 30.1 m = 11.1 m = 11.9</p>  <p>Dur = 4.2s Dmag = 1.2 Sun: 169° Moon: 163°</p>	<p>2009 apr 26 14h51.5m A09_04084 4707 Khryses UCAC2 19448008 Diam = 31.6 m = 11.9 m = 17.7</p>  <p>Dur = 3.1s Dmag = 5.8 Sun: 139° Moon: 160°</p>
<p>2009 apr 27 17h55.4m A09_04019 156 Xanthippe TYC 5760–01406–1 Diam = 126.0 m = 11.1 m = 13.4</p>  <p>Dur = 6.6s Dmag = 2.4 Sun: 87° Moon: 122°</p>	<p>2009 apr 27 19h51.5m A09_04013 42 Isis TYC 6366–00341–1 Diam = 107.0 m = 9.5 m = 11.7</p>  <p>Dur = 3.7s Dmag = 2.4 Sun: 76° Moon: 113°</p>	<p>2009 apr 28 14h 6.9m A09_04086 16070 1999RB101 TYC 7869–00940–1 Diam = 36.3 m = 7.8 m = 16.6</p>  <p>Dur = 4.2s Dmag = 8.9 Sun: 137° Moon: 166°</p>	<p>2009 apr 28 18h38.1m A09_04059 769 Tatjana TYC 6900–01669–1 Diam = 102.0 m = 11.7 m = 13.8</p>  <p>Dur = 7.4s Dmag = 2.2 Sun: 101° Moon: 151°</p>

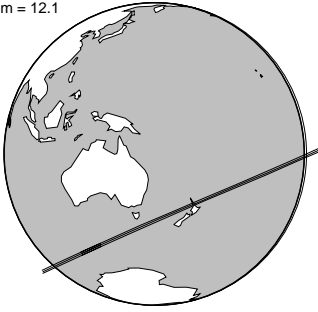
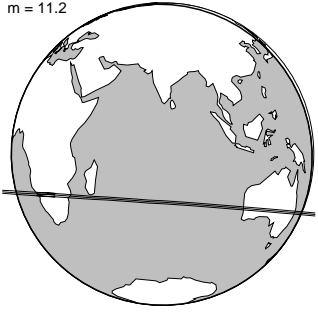
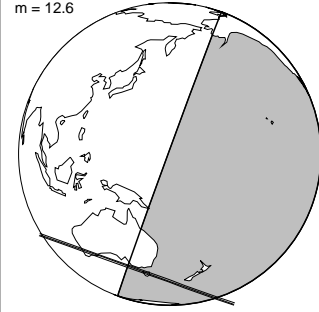
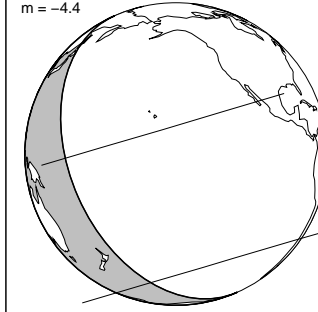
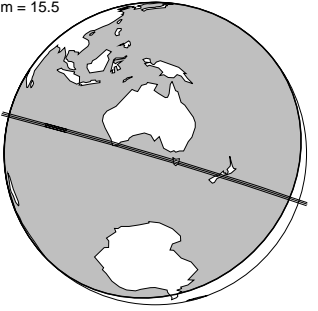
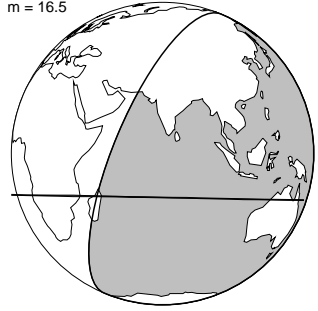
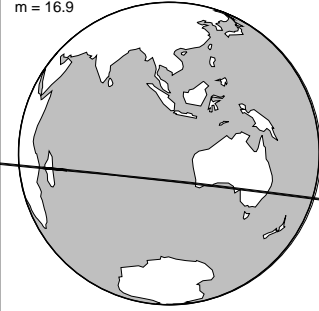
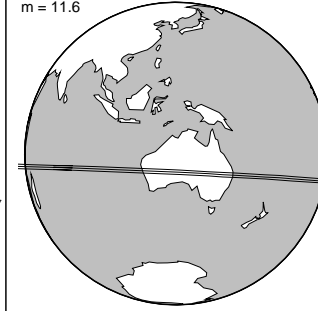
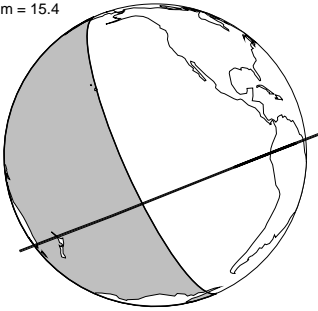
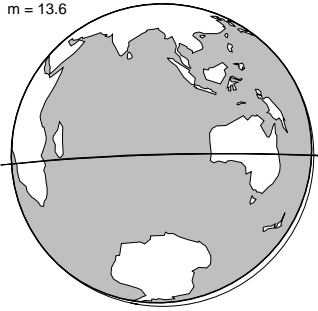
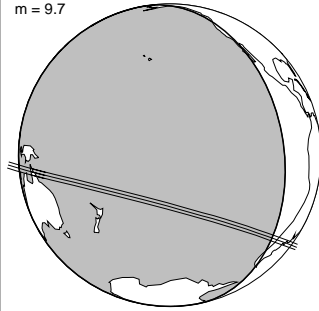
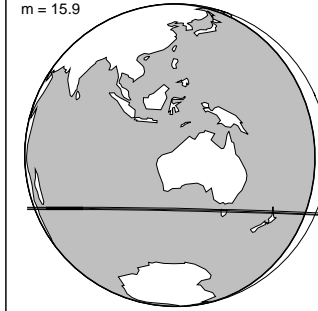
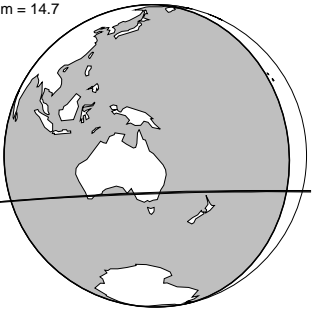
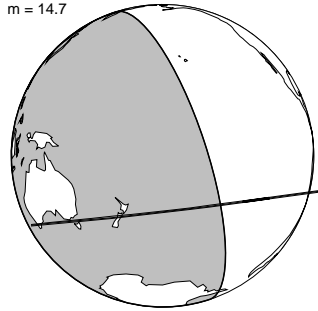
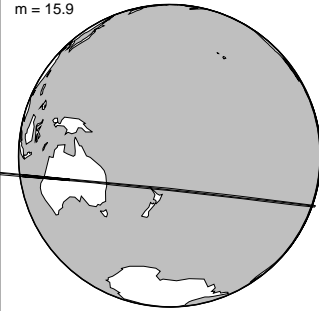
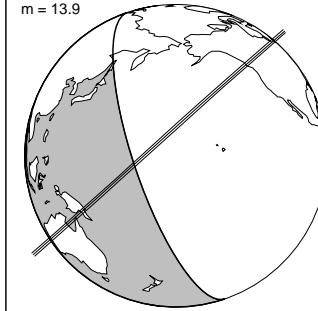
Occultations by major and minor planets – 2009

Region 8

<p>2009 apr 29 12h20.1m A09_04069 984 Gretia HIP 48542 Diam = 33.6 m = 8.3 m = 14.8</p>  <p>Dur = 7.5s Dmag = 6.5 Sun: 108° Moon: 51°</p>	<p>2009 apr 30 12h13.2m A09_04045 430 Hybris UCAC2 27296520 Diam = 34.6 m = 11.5 m = 15.3</p>  <p>Dur = 4.3s Dmag = 3.8 Sun: 128° Moon: 61°</p>	<p>2009 apr 30 13h 8.8m A09_04010 36 Atalante TYC 8344-01916-1 Diam = 109.0 m = 11.2 m = 14.0</p>  <p>Dur = 10.8s Dmag = 2.9 Sun: 127° Moon: 148°</p>	<p>2009 may 3 17h25.5m A09_05035 490 Veritas TYC 5756-00222-1 Diam = 121.0 m = 11.4 m = 14.1</p>  <p>Dur = 7.6s Dmag = 2.8 Sun: 92° Moon: 153°</p>
<p>2009 may 5 12h33.1m A09_05055 1004 Belopolskya TYC 6201-01853-1 Diam = 76.6 m = 12.0 m = 15.3</p>  <p>Dur = 6.0s Dmag = 3.3 Sun: 161° Moon: 62°</p>	<p>2009 may 6 19h10.5m A09_05030 426 Hippo TYC 7925-02610-1 Diam = 134.0 m = 11.3 m = 13.4</p>  <p>Dur = 58.7s Dmag = 2.2 Sun: 121° Moon: 83°</p>	<p>2009 may 8 8h 1.6m A09_05001 2 Pallas TYC 0149-01152-1 Diam = 523.0 m = 11.7 m = 8.9</p>  <p>Dur = 13.6s Dmag = 0.1 Sun: 60° Moon: 108°</p>	<p>2009 may 9 15h36.4m A09_05027 303 Josephina TYC 6912-01117-1 Diam = 103.0 m = 11.4 m = 14.4</p>  <p>Dur = 11.0s Dmag = 3.1 Sun: 103° Moon: 71°</p>
<p>2009 may 9 20h53.1m A09_05015 143 Adria UCAC2 14462421 Diam = 92.0 m = 11.5 m = 13.1</p>  <p>Dur = 12.8s Dmag = 1.8 Sun: 144° Moon: 26°</p>	<p>2009 may 10 14h15.9m A09_05053 957 Camelia UCAC2 24605105 Diam = 76.6 m = 12.0 m = 13.9</p>  <p>Dur = 5.4s Dmag = 2.1 Sun: 175° Moon: 21°</p>	<p>2009 may 10 18h21.0m A09_05074 2207 Antenor UCAC2 26056069 Diam = 92.6 m = 11.7 m = 16.2</p>  <p>Dur = 9.7s Dmag = 4.5 Sun: 138° Moon: 25°</p>	<p>2009 may 13 16h20.0m A09_05040 578 Happelia UCAC2 20751141 Diam = 71.6 m = 11.9 m = 13.2</p>  <p>Dur = 6.9s Dmag = 1.6 Sun: 111° Moon: 19°</p>
<p>2009 may 13 16h57.6m A09_05020 211 Isolda TYC 6137-00866-1 Diam = 148.0 m = 10.4 m = 12.9</p>  <p>Dur = 11.4s Dmag = 2.6 Sun: 161° Moon: 69°</p>	<p>2009 may 13 17h14.1m A09_05066 1208 Troilus UCAC2 14030358 Diam = 111.0 m = 11.7 m = 16.2</p>  <p>Dur = 6.1s Dmag = 4.5 Sun: 148° Moon: 30°</p>	<p>2009 may 13 19h10.3m A09_05059 1093 Freda TYC 7503-00596-1 Diam = 120.0 m = 11.9 m = 13.4</p>  <p>Dur = 4.9s Dmag = 1.8 Sun: 88° Moon: 45°</p>	<p>2009 may 14 18h36.8m A09_05068 1266 Tone TYC 7833-00048-1 Diam = 76.0 m = 10.6 m = 14.3</p>  <p>Dur = 6.1s Dmag = 3.7 Sun: 155° Moon: 63°</p>

Occultations by major and minor planets – 2009

Region 8

<p>2009 may 15 14h12.1m A09_05049 772 Tanete UCAC2 24860569 Diam = 123.0 m = 11.8 m = 12.1</p>  <p>Dur = 7.9s Dmag = 0.9 Sun: 170° Moon: 62°</p>	<p>2009 may 16 19h24.5m A09_05011 92 Undina UCAC2 27859633 Diam = 132.0 m = 11.7 m = 11.2</p>  <p>Dur = 10.1s Dmag = 0.5 Sun: 168° Moon: 78°</p>	<p>2009 may 18 7h40.2m A09_05005 30 Urania UCAC2 35576646 Diam = 104.0 m = 11.6 m = 12.6</p>  <p>Dur = 6.4s Dmag = 1.4 Sun: 90° Moon: 169°</p>	<p>2009 may 22 18h50.3m P09_05001 Venus HIP 4968 Diam = 12104.0 m = -4.4</p>  <p>Dur = 811.1s Dmag = 0.0 Sun: 45° Moon: 22°</p>
<p>2009 may 23 15h59.0m A09_05073 1867 Deiphobus UCAC2 15107549 Diam = 131.0 m = 11.0 m = 15.5</p>  <p>Dur = 8.2s Dmag = 4.5 Sun: 156° Moon: 150°</p>	<p>2009 may 25 14h19.4m A09_05065 1201 Strenua HIP 56307 Diam = 38.3 m = 8.6 m = 16.5</p>  <p>Dur = 5.5s Dmag = 7.8 Sun: 108° Moon: 94°</p>	<p>2009 may 25 17h39.0m A09_05071 1578 Kirkwood UCAC2 22948338 Diam = 57.0 m = 11.8 m = 16.9</p>  <p>Dur = 3.3s Dmag = 5.0 Sun: 171° Moon: 171°</p>	<p>2009 may 28 15h32.5m A09_05017 144 Vibia TYC 6215-01219-1 Diam = 178.0 m = 11.4 m = 11.6</p>  <p>Dur = 13.7s Dmag = 0.9 Sun: 177° Moon: 125°</p>
<p>2009 may 28 15h45.9m A09_05023 257 Silesia TYC 5250-00598-1 Diam = 73.5 m = 9.7 m = 15.4</p>  <p>Dur = 3.2s Dmag = 5.6 Sun: 77° Moon: 135°</p>	<p>2009 may 28 18h24.8m A09_05061 1145 Robelmonte TYC 7368-00165-1 Diam = 25.5 m = 11.0 m = 13.6</p>  <p>Dur = 3.4s Dmag = 2.7 Sun: 164° Moon: 131°</p>	<p>2009 may 29 12h43.4m A09_05003 7 Iris TYC 6305-02196-1 Diam = 261.8 m = 11.4 m = 9.7</p>  <p>Dur = 49.3s Dmag = 0.2 Sun: 138° Moon: 152°</p>	<p>2009 may 29 17h31.2m A09_05075 2674 Pandarus UCAC2 23440853 Diam = 102.0 m = 11.6 m = 15.9</p>  <p>Dur = 7.7s Dmag = 4.3 Sun: 156° Moon: 132°</p>
<p>2009 may 31 16h 2.7m A09_05058 1082 Pirola UCAC2 23717374 Diam = 47.0 m = 10.8 m = 14.7</p>  <p>Dur = 6.4s Dmag = 3.9 Sun: 152° Moon: 111°</p>	<p>2009 jun 2 16h14.4m A09_06040 331 Etheridgea TYC 6379-01473-1 Diam = 78.5 m = 12.1 m = 14.7</p>  <p>Dur = 8.2s Dmag = 2.7 Sun: 106° Moon: 130°</p>	<p>2009 jun 3 12h17.1m A09_06056 499 Venusia UCAC2 22738168 Diam = 86.0 m = 11.0 m = 15.9</p>  <p>Dur = 5.0s Dmag = 4.9 Sun: 173° Moon: 55°</p>	<p>2009 jun 3 18h20.6m A09_06073 790 Pretoria TYC 1723-00466-1 Diam = 176.0 m = 10.5 m = 13.9</p>  <p>Dur = 6.7s Dmag = 3.4 Sun: 73° Moon: 150°</p>

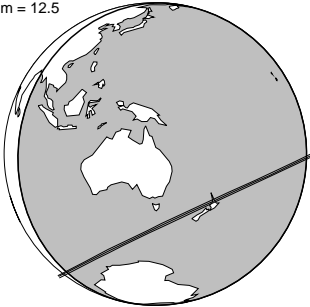
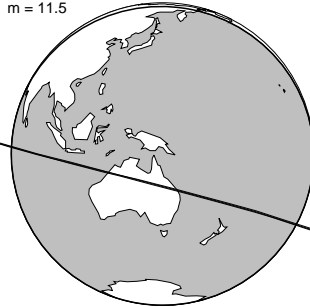
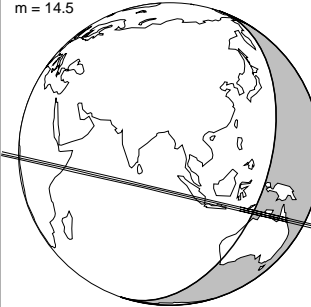
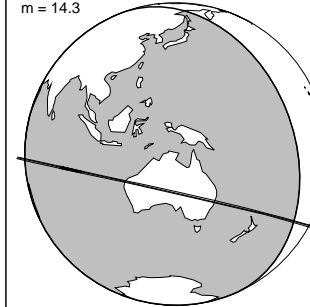
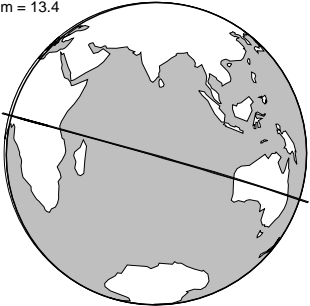
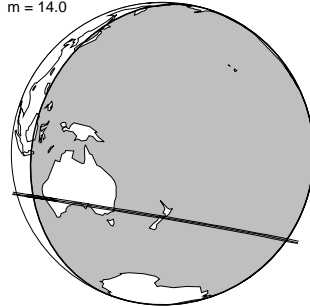
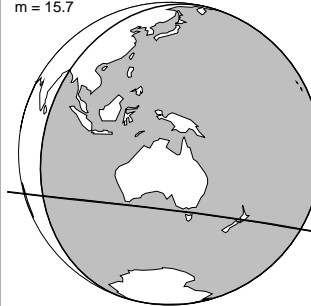
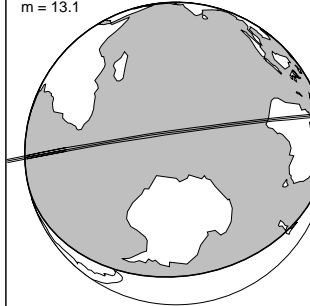
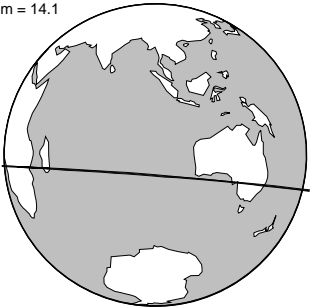
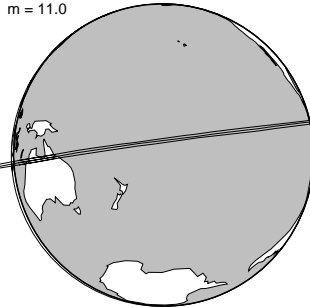
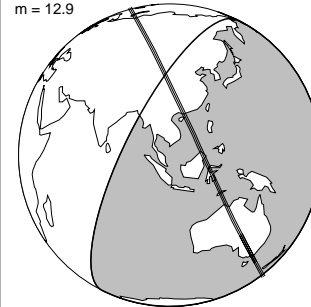
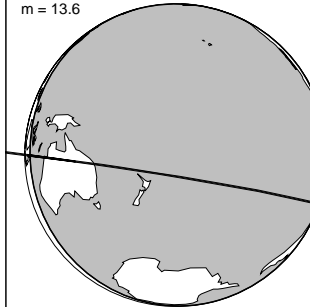
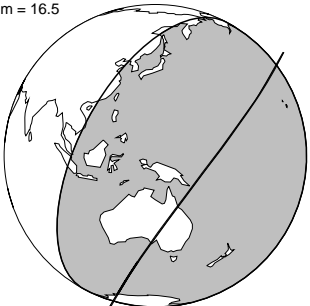
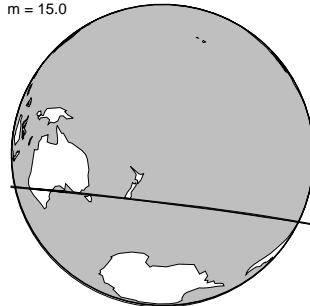
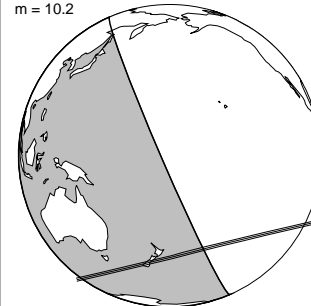
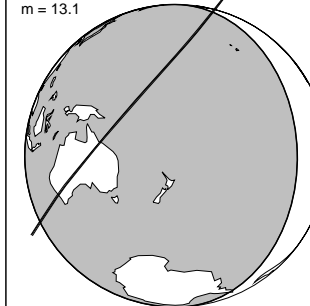
Occultations by major and minor planets – 2009

Region 8

<p>2009 jun 3 18h47.1m A09_06048 467 Laura UCAC2 18737742 Diam = 47.5 m = 11.6 m = 15.2</p> <p>Dur = 3.7s Dmag = 3.7 Sun: 163° Moon: 59°</p>	<p>2009 jun 3 19h20.9m A09_06027 199 Byblis UCAC2 25564279 Diam = 63.0 m = 11.4 m = 11.7</p> <p>Dur = 5.6s Dmag = 0.9 Sun: 172° Moon: 50°</p>	<p>2009 jun 4 14h23.9m A09_06044 398 Admete TYC 5532-01215-1 Diam = 50.0 m = 12.0 m = 15.6</p> <p>Dur = 8.2s Dmag = 3.6 Sun: 114° Moon: 29°</p>	<p>2009 jun 5 5h57.0m A09_06003 6 Hebe TYC 0331-00483-1 Diam = 186.0 m = 12.0 m = 10.2</p> <p>Dur = 20.5s Dmag = 0.2 Sun: 135° Moon: 28°</p>
<p>2009 jun 5 8h37.2m A09_06041 371 Bohemia UCAC2 30701168 Diam = 56.7 m = 11.6 m = 13.8</p> <p>Dur = 4.0s Dmag = 2.4 Sun: 94° Moon: 58°</p>	<p>2009 jun 6 10h 7.0m A09_06072 785 Zwetana HIP 60628 Diam = 52.1 m = 8.2 m = 13.1</p> <p>Dur = 3.7s Dmag = 4.9 Sun: 105° Moon: 61°</p>	<p>2009 jun 6 12h 2.7m A09_06042 371 Bohemia TYC 4924-01120-1 Diam = 56.7 m = 12.1 m = 13.8</p> <p>Dur = 3.8s Dmag = 2.0 Sun: 93° Moon: 72°</p>	<p>2009 jun 6 13h17.7m A09_06011 45 Eugenia TYC 0857-00314-1 Diam = 214.0 m = 11.5 m = 12.4</p> <p>Dur = 15.5s Dmag = 1.3 Sun: 96° Moon: 71°</p>
<p>2009 jun 8 11h57.6m A09_06077 903 Nealley TYC 0855-00895-1 Diam = 65.7 m = 10.4 m = 15.9</p> <p>Dur = 4.4s Dmag = 5.5 Sun: 89° Moon: 99°</p>	<p>2009 jun 8 21h15.5m A09_06087 1172 Aeneas UCAC2 25358069 Diam = 151.0 m = 11.4 m = 14.8</p> <p>Dur = 9.5s Dmag = 3.5 Sun: 171° Moon: 10°</p>	<p>2009 jun 9 13h57.7m B09_06002 2002GV32 UCAC2 24613552 Diam = 109.6 m = 12.3 m = 22.5</p> <p>Dur = 4.9s Dmag = 10.2 Sun: 162° Moon: 38°</p>	<p>2009 jun 9 16h56.0m A09_06043 393 Lampetia HIP 83738 Diam = 106.0 m = 6.4 m = 10.6</p> <p>Dur = 13.2s Dmag = 4.2 Sun: 158° Moon: 33°</p>
<p>2009 jun 9 17h45.9m A09_06058 582 Olympia UCAC2 34023370 Diam = 47.0 m = 11.9 m = 14.6</p> <p>Dur = 16.2s Dmag = 2.7 Sun: 117° Moon: 44°</p>	<p>2009 jun 10 12h53.6m A09_06045 406 Erna UCAC2 20226218 Diam = 53.8 m = 11.3 m = 14.2</p> <p>Dur = 4.9s Dmag = 3.0 Sun: 169° Moon: 22°</p>	<p>2009 jun 10 19h55.8m A09_06089 1208 Troilus UCAC2 13616255 Diam = 111.0 m = 11.8 m = 16.0</p> <p>Dur = 5.9s Dmag = 4.3 Sun: 158° Moon: 43°</p>	<p>2009 jun 11 15h52.9m A09_06005 18 Melpomene TYC 5252-00205-1 Diam = 135.0 m = 11.8 m = 10.4</p> <p>Dur = 5.4s Dmag = 0.3 Sun: 83° Moon: 54°</p>

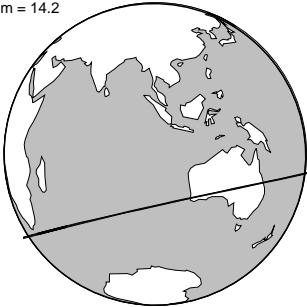
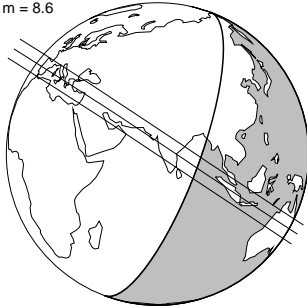
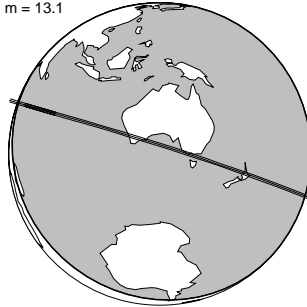
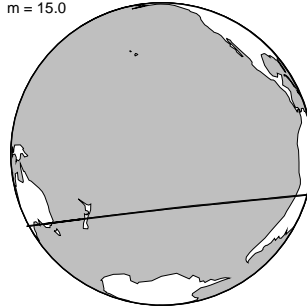
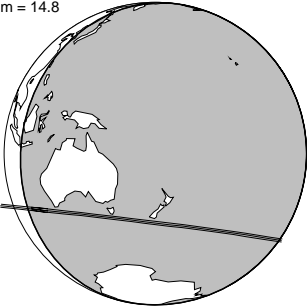
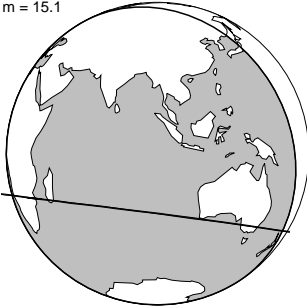
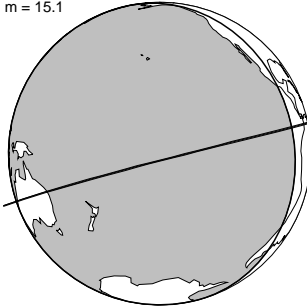
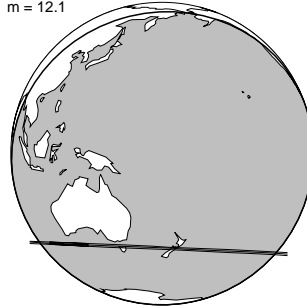
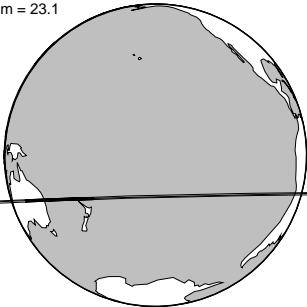
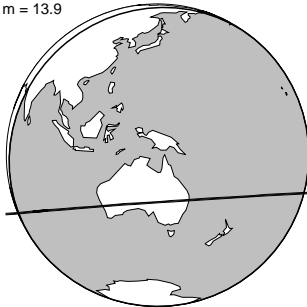
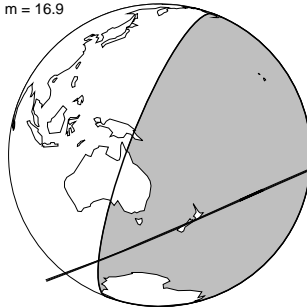
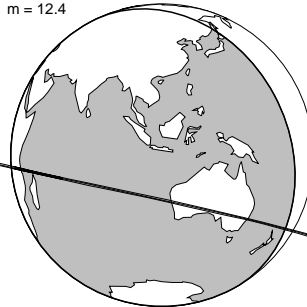
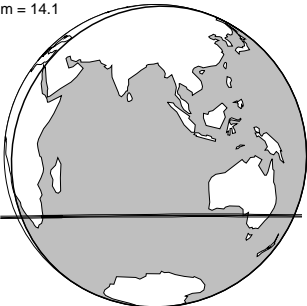
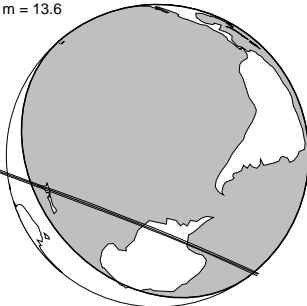
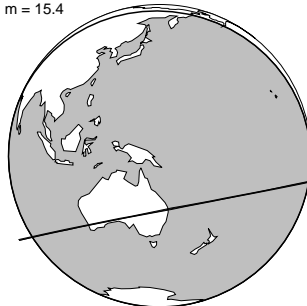
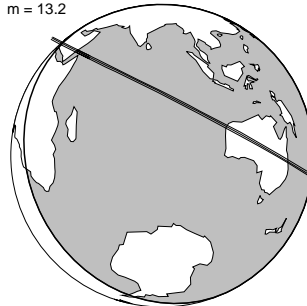
Occultations by major and minor planets – 2009

Region 8

<p>2009 jun 13 12h26.7m A09_06071 772 Tanete UCAC2 23391460 Diam = 123.0 m = 11.9 m = 12.5</p>  <p>Dur = 9.1s Dmag = 1.1 Sun: 154° Moon: 88°</p>	<p>2009 jun 13 14h27.0m A09_06029 204 Kallisto UCAC2 28225019 Diam = 50.8 m = 11.8 m = 11.5</p>  <p>Dur = 6.4s Dmag = 0.6 Sun: 166° Moon: 62°</p>	<p>2009 jun 14 9h13.8m A09_06024 168 Sibylla HIP 43666 Diam = 154.0 m = 14.5 m = 14.5</p>  <p>Dur = 4.4s Dmag = 7.4 Sun: 48° Moon: 156°</p>	<p>2009 jun 14 17h32.5m A09_06082 976 Benjamina UCAC2 27389302 Diam = 86.6 m = 11.9 m = 14.3</p>  <p>Dur = 10.9s Dmag = 2.5 Sun: 141° Moon: 39°</p>
<p>2009 jun 14 18h 3.6m A09_06068 701 Oriola TYC 6226-00107-1 Diam = 46.0 m = 11.0 m = 13.4</p>  <p>Dur = 3.9s Dmag = 2.5 Sun: 169° Moon: 87°</p>	<p>2009 jun 15 10h16.8m A09_06033 240 Vanadis UCAC2 25778854 Diam = 108.0 m = 11.7 m = 14.0</p>  <p>Dur = 10.1s Dmag = 2.4 Sun: 149° Moon: 115°</p>	<p>2009 jun 15 12h34.9m A09_06094 1805 Dirikis UCAC2 25327075 Diam = 33.7 m = 11.6 m = 15.7</p>  <p>Dur = 4.6s Dmag = 4.1 Sun: 147° Moon: 118°</p>	<p>2009 jun 15 19h44.8m A09_06035 247 Eukrate TYC 8754-01691-1 Diam = 137.0 m = 11.7 m = 13.1</p>  <p>Dur = 9.5s Dmag = 1.7 Sun: 144° Moon: 87°</p>
<p>2009 jun 16 17h38.7m A09_06046 406 Erna TYC 6840-00373-1 Diam = 53.8 m = 10.1 m = 14.1</p>  <p>Dur = 4.7s Dmag = 4.0 Sun: 174° Moon: 98°</p>	<p>2009 jun 17 10h15.8m A09_06007 22 Kalliope UCAC2 20434257 Diam = 187.0 m = 10.6 m = 11.0</p>  <p>Dur = 13.4s Dmag = 1.0 Sun: 169° Moon: 118°</p>	<p>2009 jun 17 12h27.5m A09_06020 146 Lucina TYC 0305-00664-1 Diam = 137.0 m = 11.0 m = 12.9</p>  <p>Dur = 12.3s Dmag = 2.1 Sun: 107° Moon: 163°</p>	<p>2009 jun 18 10h12.6m A09_06038 309 Fraternitas TYC 6808-00947-1 Diam = 54.7 m = 9.7 m = 13.6</p>  <p>Dur = 6.1s Dmag = 4.0 Sun: 164° Moon: 135°</p>
<p>2009 jun 18 11h 8.2m A09_06096 2621 Goto TYC 0316-01169-1 Diam = 50.1 m = 11.4 m = 16.5</p>  <p>Dur = 7.3s Dmag = 5.1 Sun: 120° Moon: 162°</p>	<p>2009 jun 18 11h16.4m A09_06049 467 Laura TYC 7376-00204-1 Diam = 47.5 m = 11.5 m = 15.0</p>  <p>Dur = 3.5s Dmag = 3.6 Sun: 171° Moon: 124°</p>	<p>2009 jun 18 18h 8.2m A09_06006 18 Melpomene TYC 0001-01044-1 Diam = 135.0 m = 12.6 m = 10.2</p>  <p>Dur = 5.9s Dmag = 0.1 Sun: 86° Moon: 32°</p>	<p>2009 jun 19 14h47.1m A09_06032 235 Carolina TYC 6920-00558-1 Diam = 60.2 m = 12.1 m = 13.1</p>  <p>Dur = 8.5s Dmag = 1.3 Sun: 143° Moon: 101°</p>

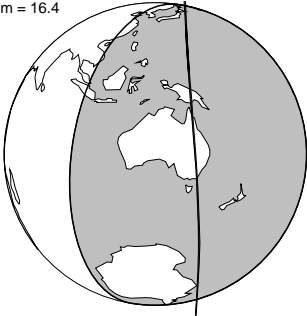
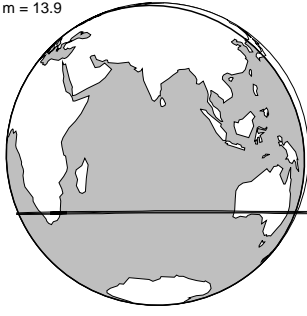
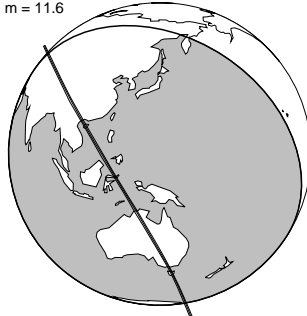
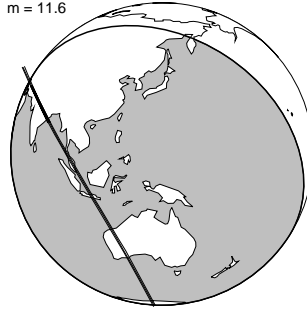
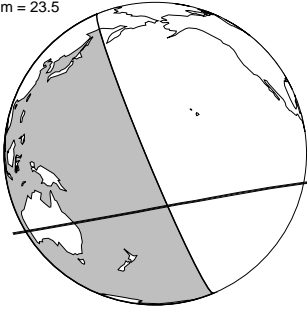
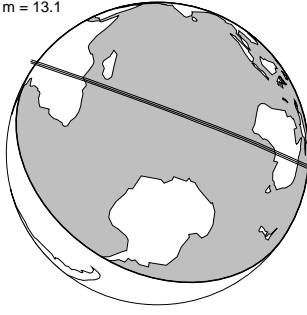
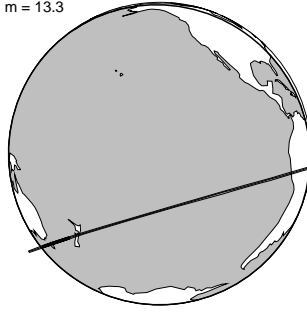
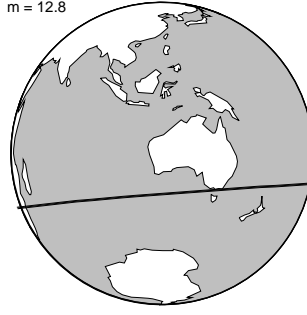
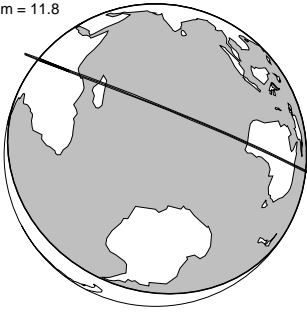
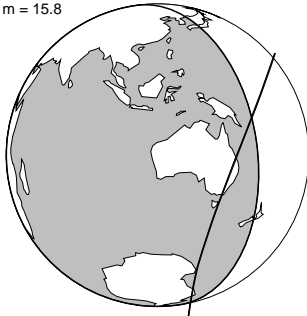
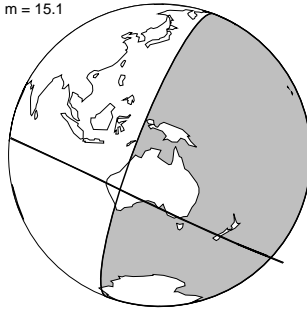
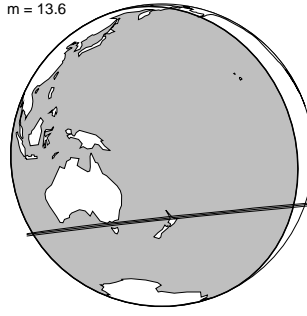
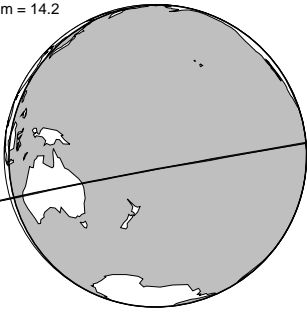
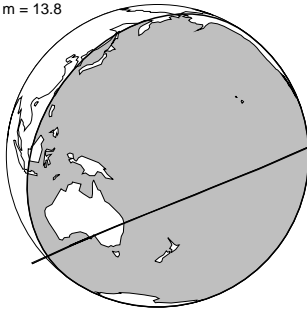
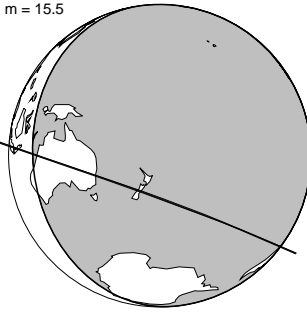
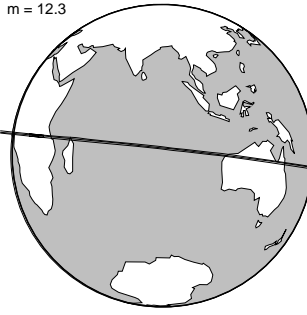
Occultations by major and minor planets – 2009

Region 8

<p>2009 jun 19 17h48.6m A09_06085 1017 Jacqueline UCAC2 25381645 Diam = 39.0 m = 11.8 m = 14.2</p>  <p>Dur = 3.6s Dmag = 2.5 Sun: 171° Moon: 130°</p>	<p>2009 jun 21 12h26.7m A09_06001 1 Ceres TYC 1437-02297-1 Diam = 932.6 m = 10.1 m = 8.6</p>  <p>Dur = 35.1s Dmag = 0.3 Sun: 73° Moon: 91°</p>	<p>2009 jun 23 14h29.4m A09_06050 469 Argentina UCAC2 15110010 Diam = 129.0 m = 11.6 m = 13.1</p>  <p>Dur = 11.0s Dmag = 1.7 Sun: 160° Moon: 153°</p>	<p>2009 jun 24 10h 3.3m A09_06093 1633 Chimay UCAC2 23219116 Diam = 40.3 m = 11.4 m = 15.0</p>  <p>Dur = 3.1s Dmag = 3.6 Sun: 174° Moon: 162°</p>
<p>2009 jun 24 10h45.1m A09_06036 279 Thule UCAC2 23396803 Diam = 135.0 m = 10.7 m = 14.8</p>  <p>Dur = 11.5s Dmag = 4.1 Sun: 152° Moon: 129°</p>	<p>2009 jun 24 19h21.7m A09_06088 1199 Geldonia TYC 5742-01550-1 Diam = 35.5 m = 12.4 m = 15.1</p>  <p>Dur = 3.5s Dmag = 2.8 Sun: 151° Moon: 170°</p>	<p>2009 jun 25 12h 1.5m A09_06039 316 Goberta TYC 6323-00398-1 Diam = 49.3 m = 10.8 m = 15.1</p>  <p>Dur = 4.5s Dmag = 4.4 Sun: 152° Moon: 169°</p>	<p>2009 jun 26 12h29.6m A09_06015 57 Mnemosyne UCAC2 30727883 Diam = 116.0 m = 11.8 m = 12.1</p>  <p>Dur = 8.3s Dmag = 0.9 Sun: 158° Moon: 121°</p>
<p>2009 jun 28 9h37.2m A09_06098 15810 1994JR1 UCAC2 23940987 Diam = 95.5 m = 11.8 m = 23.1</p>  <p>Dur = 4.0s Dmag = 11.4 Sun: 173° Moon: 98°</p>	<p>2009 jun 28 13h55.7m A09_06059 585 Bilkis TYC 5664-00159-1 Diam = 60.3 m = 12.0 m = 13.9</p>  <p>Dur = 5.6s Dmag = 2.1 Sun: 163° Moon: 91°</p>	<p>2009 jun 29 8h 1.6m A09_06095 2152 Hannibal TYC 6112-01424-1 Diam = 49.0 m = 10.1 m = 16.9</p>  <p>Dur = 5.3s Dmag = 6.9 Sun: 102° Moon: 15°</p>	<p>2009 jun 29 18h47.1m A09_06065 675 Ludmilla TYC 5759-01823-1 Diam = 86.7 m = 11.3 m = 12.4</p>  <p>Dur = 9.5s Dmag = 1.5 Sun: 147° Moon: 118°</p>
<p>2009 jun 30 16h42.8m A09_06026 190 Ismene TYC 6234-02090-1 Diam = 100.5 m = 12.0 m = 14.1</p>  <p>Dur = 6.6s Dmag = 2.3 Sun: 159° Moon: 58°</p>	<p>2009 jul 1 5h46.2m A09_07007 36 Atalante TYC 8330-04843-1 Diam = 109.0 m = 8.2 m = 13.6</p>  <p>Dur = 8.0s Dmag = 5.3 Sun: 146° Moon: 49°</p>	<p>2009 jul 1 14h23.1m A09_07104 1724 Vladimir UCAC2 29715802 Diam = 38.2 m = 11.6 m = 15.4</p>  <p>Dur = 3.1s Dmag = 3.9 Sun: 162° Moon: 73°</p>	<p>2009 jul 3 16h35.8m A09_07053 469 Argentina TYC 7869-02053-1 Diam = 129.0 m = 10.4 m = 13.2</p>  <p>Dur = 12.4s Dmag = 2.9 Sun: 152° Moon: 21°</p>

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<p>2009 jul 4 11h13.4m A09_07098 1040 Klumpkea TYC 6758-00151-1 Diam = 42.5 m = 12.0 m = 16.4</p>  <p>Dur = 5.0s Dmag = 4.4 Sun: 123° Moon: 25°</p>	<p>2009 jul 4 19h48.9m A09_07091 976 Benjamina TYC 5746-00123-1 Diam = 86.6 m = 10.6 m = 13.9</p>  <p>Dur = 7.1s Dmag = 3.4 Sun: 162° Moon: 45°</p>	<p>2009 jul 5 16h 9.7m A09_07073 694 Ekard TYC 1091-01624-1 Diam = 92.7 m = 9.4 m = 11.6</p>  <p>Dur = 12.7s Dmag = 2.3 Sun: 140° Moon: 55°</p>	<p>2009 jul 5 16h18.4m A09_07072 694 Ekard TYC 1091-01624-2 Diam = 92.7 m = 10.6 m = 11.6</p>  <p>Dur = 12.7s Dmag = 1.4 Sun: 140° Moon: 55°</p>
<p>2009 jul 5 17h42.8m A09_07111 2005TO74 TYC 0022-00688-1 Diam = 66.1 m = 12.4 m = 23.5</p>  <p>Dur = 9.0s Dmag = 11.1 Sun: 86° Moon: 111°</p>	<p>2009 jul 5 18h 8.4m A09_07028 247 Eukrate UCAC2 6450764 Diam = 137.0 m = 10.9 m = 13.1</p>  <p>Dur = 9.9s Dmag = 2.4 Sun: 140° Moon: 32°</p>	<p>2009 jul 6 9h54.1m A09_07090 924 Toni TYC 5731-01734-1 Diam = 87.6 m = 9.4 m = 13.3</p>  <p>Dur = 8.0s Dmag = 3.9 Sun: 167° Moon: 22°</p>	<p>2009 jul 6 15h50.7m A09_07014 82 Alkmene UCAC2 20721742 Diam = 63.6 m = 10.9 m = 12.8</p>  <p>Dur = 4.5s Dmag = 2.1 Sun: 174° Moon: 4°</p>
<p>2009 jul 6 18h31.4m A09_07010 61 Danaë TYC 8361-01056-1 Diam = 83.6 m = 8.7 m = 11.8</p>  <p>Dur = 7.2s Dmag = 3.2 Sun: 152° Moon: 23°</p>	<p>2009 jul 6 19h54.2m A09_07102 1540 Kevola TYC 6966-00148-1 Diam = 31.5 m = 10.8 m = 15.8</p>  <p>Dur = 4.7s Dmag = 5.0 Sun: 131° Moon: 54°</p>	<p>2009 jul 8 9h20.1m A09_07083 757 Portlandia TYC 5551-00367-1 Diam = 34.0 m = 11.2 m = 15.1</p>  <p>Dur = 3.1s Dmag = 4.0 Sun: 99° Moon: 91°</p>	<p>2009 jul 8 14h34.6m A09_07059 514 Armida TYC 5783-00006-1 Diam = 110.0 m = 11.1 m = 13.6</p>  <p>Dur = 12.6s Dmag = 2.6 Sun: 151° Moon: 16°</p>
<p>2009 jul 9 10h39.9m A09_07069 655 Briseïs UCAC2 24912622 Diam = 39.8 m = 11.8 m = 14.2</p>  <p>Dur = 3.2s Dmag = 2.5 Sun: 164° Moon: 37°</p>	<p>2009 jul 13 10h41.7m A09_07066 619 Triberga TYC 5066-00183-1 Diam = 33.9 m = 11.1 m = 13.8</p>  <p>Dur = 4.4s Dmag = 2.8 Sun: 142° Moon: 97°</p>	<p>2009 jul 14 9h35.8m A09_07052 467 Laura TYC 7361-00247-1 Diam = 47.5 m = 11.5 m = 15.5</p>  <p>Dur = 4.9s Dmag = 4.0 Sun: 147° Moon: 111°</p>	<p>2009 jul 14 17h42.6m A09_07044 407 Arachne UCAC2 22100919 Diam = 97.0 m = 12.0 m = 12.3</p>  <p>Dur = 8.8s Dmag = 0.9 Sun: 172° Moon: 90°</p>

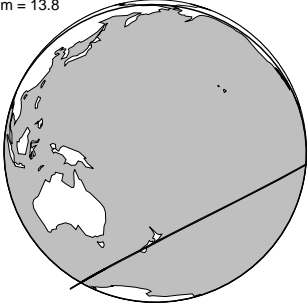
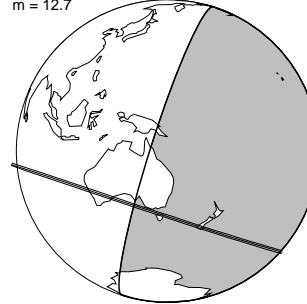
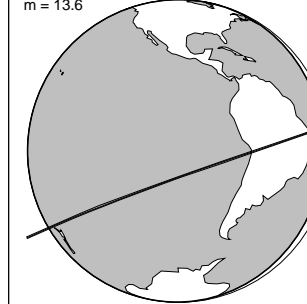
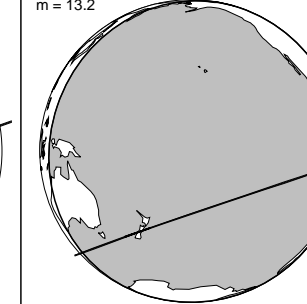
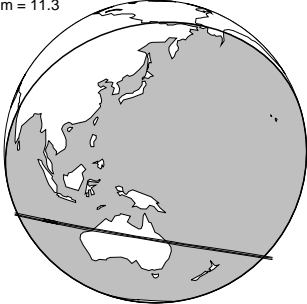
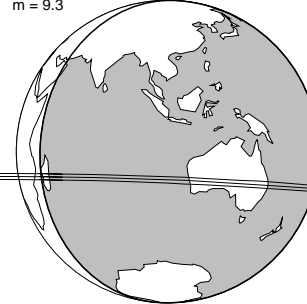
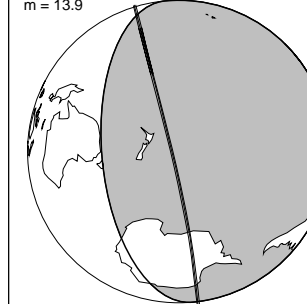
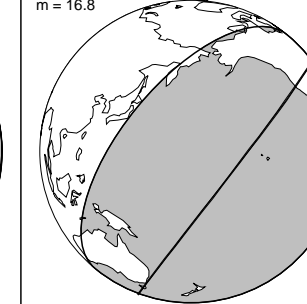
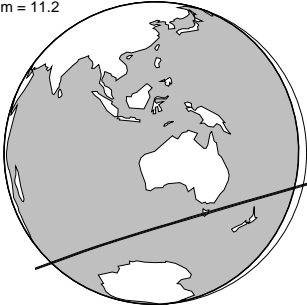
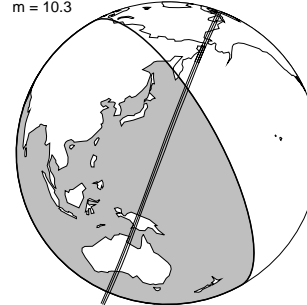
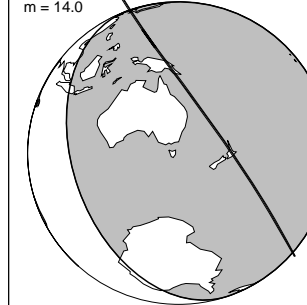
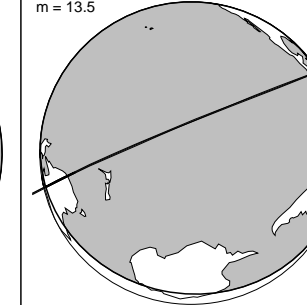
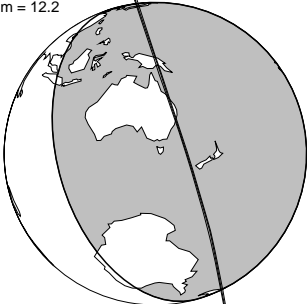
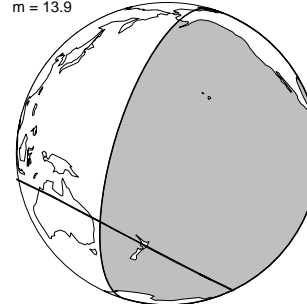
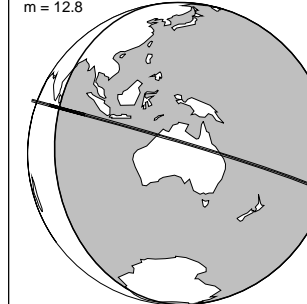
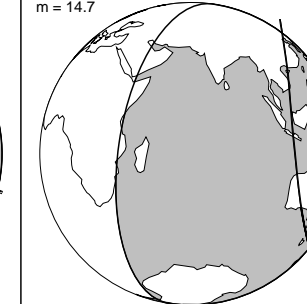
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<p>2009 jul 16 15h54.0m A09_07031 289 Nenetta TYC 5730-01077-1 Diam = 41.5 m = 10.7</p> <p>Dur = 3.9s Dmag = 2.5 Sun: 169° Moon: 106°</p>	<p>2009 jul 16 17h 2.6m A09_07088 846 Lipperta TYC 6323-01363-1 Diam = 54.2 m = 14.5</p> <p>Dur = 4.5s Dmag = 3.9 Sun: 173° Moon: 99°</p>	<p>2009 jul 16 19h26.8m A09_07042 389 Industria TYC 5766-01428-1 Diam = 81.0 m = 9.3</p> <p>Dur = 7.1s Dmag = 2.4 Sun: 167° Moon: 95°</p>	<p>2009 jul 17 13h15.6m A09_07101 1247 Memoria TYC 6170-00179-1 Diam = 40.6 m = 11.2</p> <p>Dur = 8.8s Dmag = 4.2 Sun: 115° Moon: 173°</p>
<p>2009 jul 17 13h21.5m A09_07106 1724 Vladimir UCAC2 29327076 Diam = 38.2 m = 11.7</p> <p>Dur = 3.2s Dmag = 3.8 Sun: 159° Moon: 126°</p>	<p>2009 jul 17 15h15.3m A09_07058 499 Venusia UCAC2 22948434 Diam = 86.0 m = 11.9</p> <p>Dur = 8.6s Dmag = 4.6 Sun: 138° Moon: 159°</p>	<p>2009 jul 17 18h 4.5m A09_07038 337 Devosa UCAC2 17837555 Diam = 63.2 m = 11.5</p> <p>Dur = 5.1s Dmag = 1.3 Sun: 166° Moon: 127°</p>	<p>2009 jul 20 7h38.6m A09_07108 12052 Aretion TYC 5586-00705-1 Diam = 25.1 m = 12.5</p> <p>Dur = 5.8s Dmag = 5.7 Sun: 106° Moon: 132°</p>
<p>2009 jul 21 17h48.4m A09_07095 1008 La Paz TYC 7403-06003-1 Diam = 41.0 m = 10.6</p> <p>Dur = 4.0s Dmag = 4.7 Sun: 150° Moon: 155°</p>	<p>2009 jul 22 16h41.3m A09_07097 1028 Lydina TYC 7425-01046-1 Diam = 76.3 m = 11.3</p> <p>Dur = 5.3s Dmag = 3.6 Sun: 165° Moon: 159°</p>	<p>2009 jul 23 15h22.4m A09_07094 1008 La Paz TYC 7403-06273-1 Diam = 41.0 m = 11.5</p> <p>Dur = 4.2s Dmag = 3.9 Sun: 148° Moon: 127°</p>	<p>2009 jul 23 17h29.7m A09_07012 72 Feronia TYC 1227-00902-1 Diam = 89.3 m = 10.9</p> <p>Dur = 3.5s Dmag = 2.8 Sun: 73° Moon: 96°</p>
<p>2009 jul 24 11h22.6m A09_07046 407 Arachne TYC 6860-01017-1 Diam = 97.0 m = 11.9</p> <p>Dur = 9.8s Dmag = 1.1 Sun: 160° Moon: 127°</p>	<p>2009 jul 24 16h51.8m A09_07002 7 Iris TYC 6274-01201-1 Diam = 261.8 m = 9.3</p> <p>Dur = 26.2s Dmag = 0.7 Sun: 155° Moon: 119°</p>	<p>2009 jul 24 18h51.5m A09_07089 861 Aida TYC 4671-00495-1 Diam = 70.1 m = 12.0</p> <p>Dur = 13.0s Dmag = 2.7 Sun: 117° Moon: 153°</p>	<p>2009 jul 28 11h37.8m A09_07021 207 Hedda TYC 6156-00915-1 Diam = 60.0 m = 12.7</p> <p>Dur = 3.9s Dmag = 1.8 Sun: 95° Moon: 11°</p>

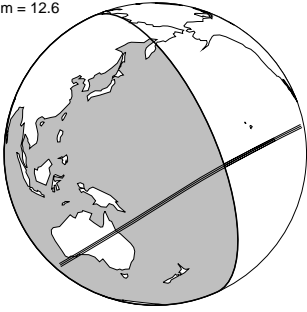
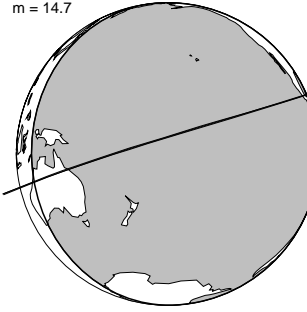
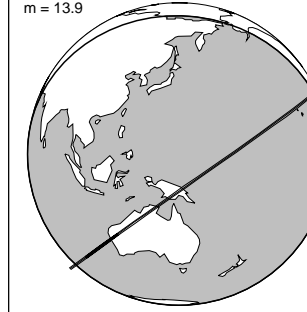
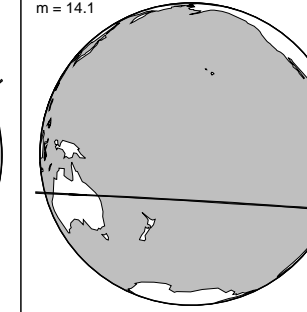
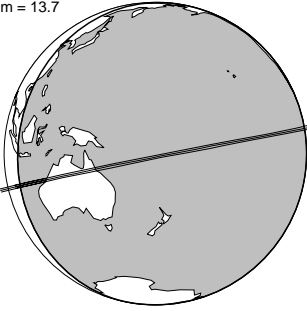
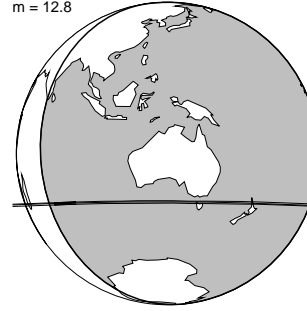
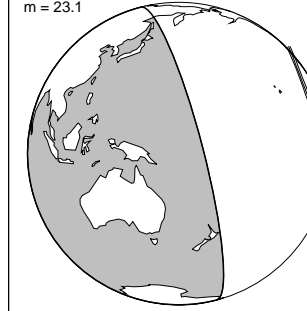
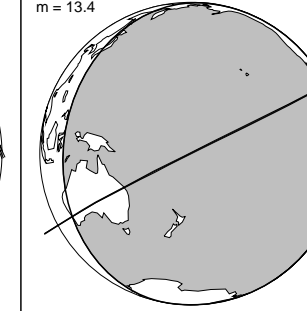
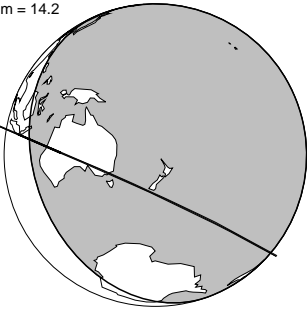
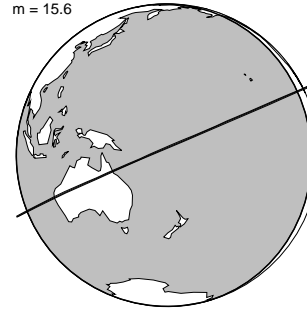
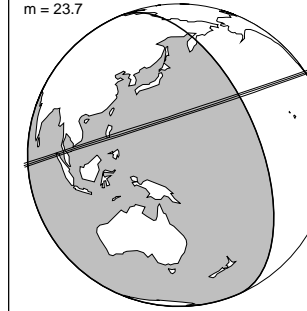
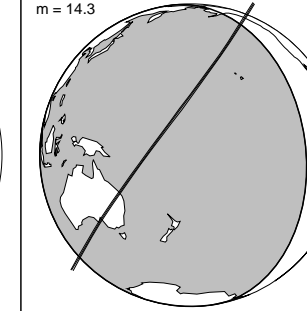
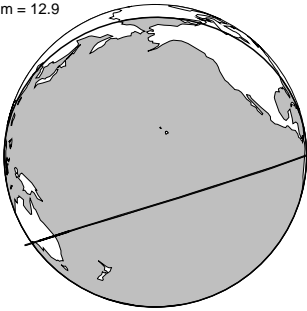
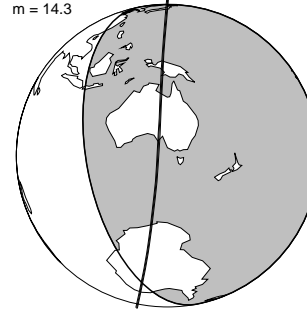
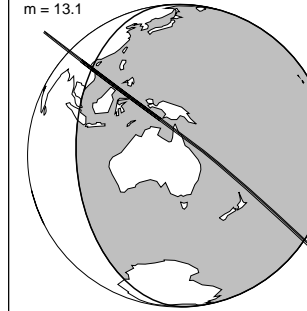
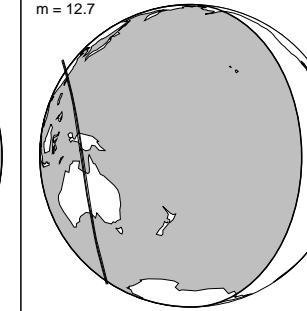
Occultations by major and minor planets – 2009

Region 8

<p>2009 jul 28 12h39.4m A09_07080 732 Tjilaki TYC 5186-00724-1 Diam = 39.0 m = 9.3 m = 13.8</p>  <p>Dur = 3.8s Dmag = 4.6 Sun: 165° Moon: 103°</p>	<p>2009 jul 29 8h 9.6m A09_07006 24 Themis TYC 6154-00103-1 Diam = 127.1 m = 12.7</p>  <p>Dur = 9.5s Dmag = 1.5 Sun: 96° Moon: 5°</p>	<p>2009 jul 31 8h 1.5m A09_07037 331 Etheridgea TYC 6382-00404-1 Diam = 78.5 m = 11.5 m = 13.6</p>  <p>Dur = 8.0s Dmag = 2.2 Sun: 162° Moon: 77°</p>	<p>2009 jul 31 9h27.5m A09_07032 289 Nenetta UCAC2 27560925 Diam = 41.5 m = 12.0 m = 13.2</p>  <p>Dur = 4.3s Dmag = 1.5 Sun: 158° Moon: 45°</p>
<p>2009 jul 31 13h47.5m A09_07077 694 Ekard TYC 1085-01152-1 Diam = 92.7 m = 11.4 m = 11.3</p>  <p>Dur = 17.6s Dmag = 0.7 Sun: 147° Moon: 67°</p>	<p>2009 jul 31 14h47.5m A09_07003 7 Iris TYC 6274-00085-1 Diam = 261.8 m = 11.6 m = 9.3</p>  <p>Dur = 31.5s Dmag = 0.1 Sun: 147° Moon: 28°</p>	<p>2009 aug 1 7h 7.2m A09_08009 36 Atalante TYC 8312-00800-1 Diam = 109.0 m = 11.9 m = 13.9</p>  <p>Dur = 13.0s Dmag = 2.2 Sun: 120° Moon: 20°</p>	<p>2009 aug 2 9h34.8m A09_08092 12929 1999TZ1 UCAC2 41043029 Diam = 45.7 m = 11.9 m = 16.8</p>  <p>Dur = 3.2s Dmag = 4.9 Sun: 117° Moon: 52°</p>
<p>2009 aug 3 17h23.6m A09_08014 55 Pandora TYC 6384-00461-1 Diam = 67.5 m = 9.8 m = 11.2</p>  <p>Dur = 7.9s Dmag = 1.7 Sun: 161° Moon: 42°</p>	<p>2009 aug 3 17h55.9m A09_08018 89 Julia UCAC2 39603988 Diam = 159.0 m = 11.7 m = 10.3</p>  <p>Dur = 12.2s Dmag = 0.3 Sun: 109° Moon: 94°</p>	<p>2009 aug 4 11h 9.2m A09_08067 693 Zerbinita TYC 7907-02109-1 Diam = 69.1 m = 10.5 m = 14.0</p>  <p>Dur = 8.8s Dmag = 3.6 Sun: 134° Moon: 30°</p>	<p>2009 aug 5 9h 5.2m A09_08074 818 Kapteynia TYC 7963-00865-1 Diam = 53.0 m = 9.4 m = 13.5</p>  <p>Dur = 4.6s Dmag = 4.1 Sun: 158° Moon: 20°</p>
<p>2009 aug 6 11h10.5m A09_08015 61 Danaë TYC 7897-01066-1 Diam = 83.6 m = 11.4 m = 12.2</p>  <p>Dur = 8.8s Dmag = 1.2 Sun: 130° Moon: 55°</p>	<p>2009 aug 7 7h 1.1m A09_08081 1146 Biarmia UCAC2 31024855 Diam = 34.5 m = 11.7 m = 13.9</p>  <p>Dur = 4.0s Dmag = 2.3 Sun: 111° Moon: 81°</p>	<p>2009 aug 7 12h48.0m A09_08047 407 Arachne TYC 6859-00458-1 Diam = 97.0 m = 10.0 m = 12.8</p>  <p>Dur = 14.4s Dmag = 2.9 Sun: 145° Moon: 51°</p>	<p>2009 aug 7 15h18.8m A09_08082 1196 Sheba TYC 6226-01526-1 Diam = 33.8 m = 11.0 m = 14.7</p>  <p>Dur = 5.0s Dmag = 3.8 Sun: 118° Moon: 79°</p>

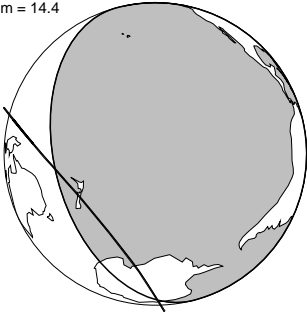
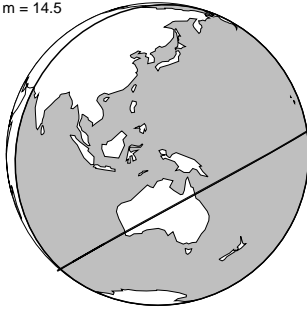
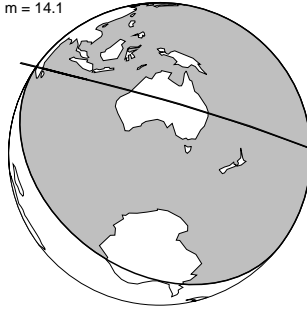
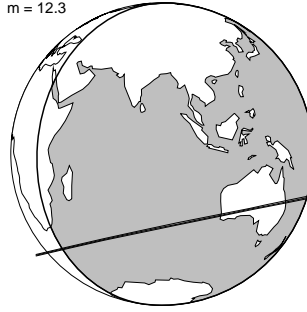
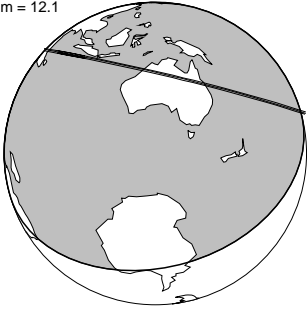
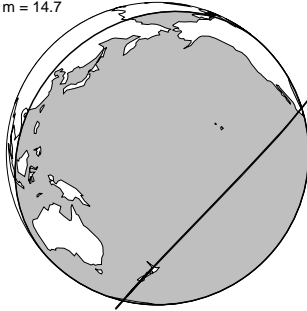
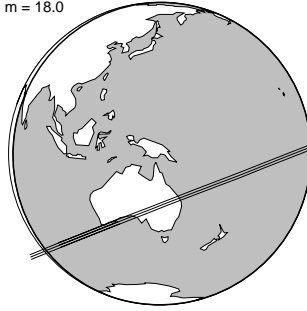
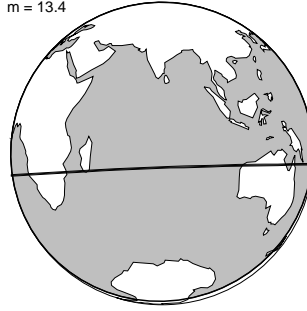
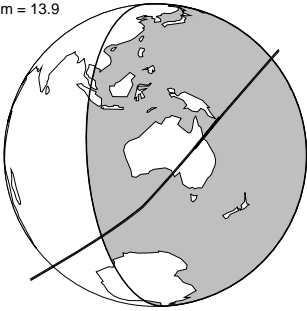
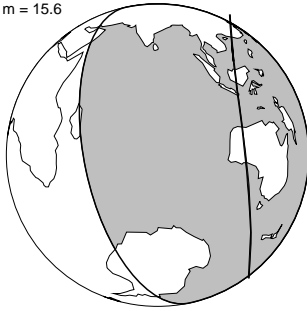
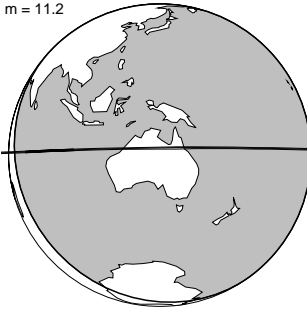
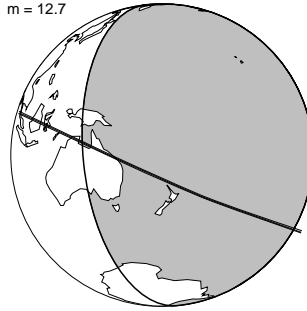
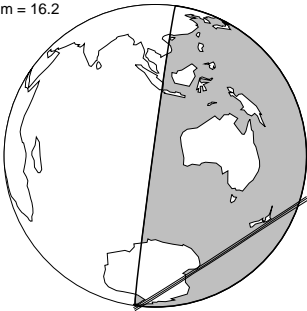
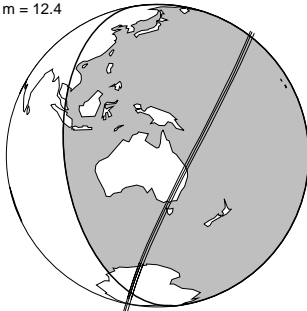
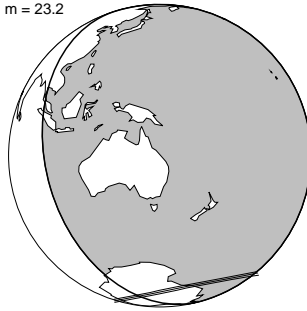
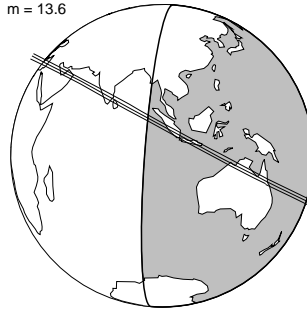
Occultations by major and minor planets – 2009

Region 8

<p>2009 aug 7 17h19.6m A09_08050 419 Aurelia UCAC2 36048195 Diam = 133.0 m = 11.7 m = 12.6</p>  <p>Dur = 32.2s Dmag = 1.3 Sun: 113° Moon: 48°</p>	<p>2009 aug 8 9h27.1m A09_08076 885 Ulrike TYC 6305-01982-1 Diam = 37.0 m = 11.4 m = 14.7</p>  <p>Dur = 4.6s Dmag = 3.3 Sun: 154° Moon: 52°</p>	<p>2009 aug 9 14h35.3m A09_08072 754 Malabar TYC 1106-00106-1 Diam = 89.1 m = 12.0 m = 13.9</p>  <p>Dur = 6.3s Dmag = 2.1 Sun: 155° Moon: 34°</p>	<p>2009 aug 10 10h50.4m A09_08063 623 Chimaera TYC 5779-01326-1 Diam = 46.0 m = 11.4 m = 14.1</p>  <p>Dur = 3.7s Dmag = 2.9 Sun: 176° Moon: 51°</p>
<p>2009 aug 10 11h 0.3m A09_08051 420 Bertholda TYC 5735-02058-1 Diam = 146.0 m = 11.5 m = 13.7</p>  <p>Dur = 12.7s Dmag = 2.3 Sun: 155° Moon: 73°</p>	<p>2009 aug 10 13h 7.9m A09_08056 554 Peraga UCAC2 23006420 Diam = 98.5 m = 11.9 m = 12.8</p>  <p>Dur = 12.8s Dmag = 1.3 Sun: 147° Moon: 84°</p>	<p>2009 aug 10 18h57.0m B09_08003 2007TA478 UCAC2 29391344 Diam = 120.2 m = 12.9 m = 23.1</p>  <p>Dur = 11.4s Dmag = 10.2 Sun: 99° Moon: 37°</p>	<p>2009 aug 11 9h46.3m A09_08036 289 Nenetta TYC 5720-00270-1 Diam = 41.5 m = 10.6 m = 13.4</p>  <p>Dur = 5.5s Dmag = 2.9 Sun: 147° Moon: 91°</p>
<p>2009 aug 11 10h24.9m A09_08057 573 Recha TYC 7414-00623-1 Diam = 50.5 m = 8.9 m = 14.2</p>  <p>Dur = 6.1s Dmag = 5.3 Sun: 143° Moon: 97°</p>	<p>2009 aug 12 14h 4.3m A09_08083 1202 Marina TYC 5818-00582-1 Diam = 66.3 m = 12.1 m = 15.6</p>  <p>Dur = 6.2s Dmag = 3.6 Sun: 161° Moon: 58°</p>	<p>2009 aug 12 17h39.1m A09_08094 1999RX214 TYC 0612-00715-1 Diam = 144.5 m = 11.3 m = 23.7</p>  <p>Dur = 12.3s Dmag = 12.4 Sun: 122° Moon: 20°</p>	<p>2009 aug 14 14h36.9m A09_08043 348 May TYC 5265-00197-1 Diam = 88.0 m = 11.6 m = 14.3</p>  <p>Dur = 11.7s Dmag = 2.8 Sun: 139° Moon: 64°</p>
<p>2009 aug 18 10h40.6m A09_08070 714 Ulula UCAC2 35674697 Diam = 41.0 m = 11.8 m = 12.9</p>  <p>Dur = 3.6s Dmag = 1.4 Sun: 156° Moon: 139°</p>	<p>2009 aug 18 10h50.6m A09_08068 693 Zerbinetta TYC 7890-02225-1 Diam = 69.1 m = 12.5 m = 14.3</p>  <p>Dur = 9.2s Dmag = 2.0 Sun: 122° Moon: 147°</p>	<p>2009 aug 19 11h12.9m A09_08048 407 Arachne TYC 6858-01805-1 Diam = 97.0 m = 10.1 m = 13.1</p>  <p>Dur = 28.9s Dmag = 3.0 Sun: 132° Moon: 146°</p>	<p>2009 aug 22 14h35.7m A09_08062 598 Octavia TYC 5848-02024-1 Diam = 74.7 m = 12.1 m = 12.7</p>  <p>Dur = 14.2s Dmag = 1.1 Sun: 137° Moon: 154°</p>

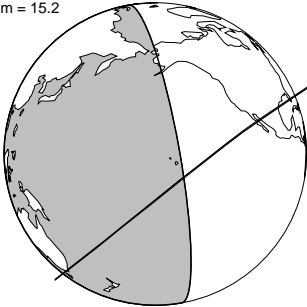
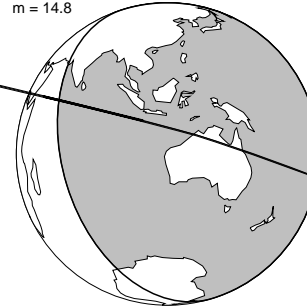
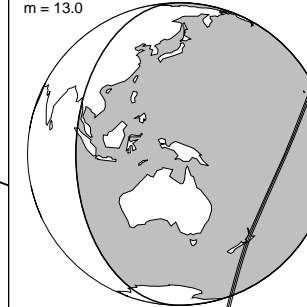
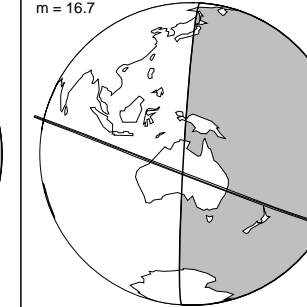
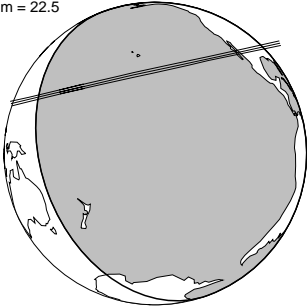
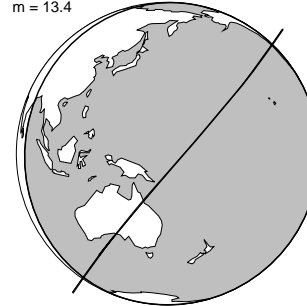
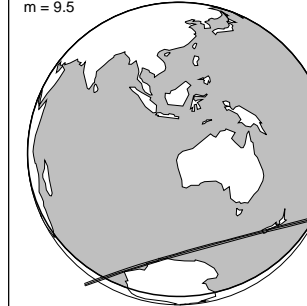
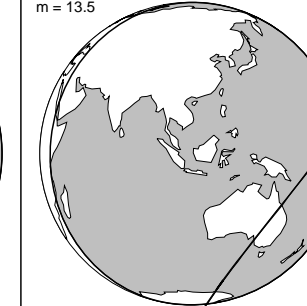
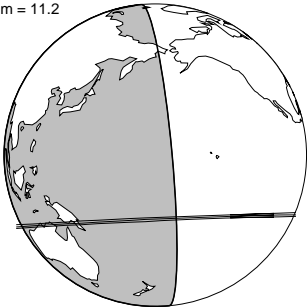
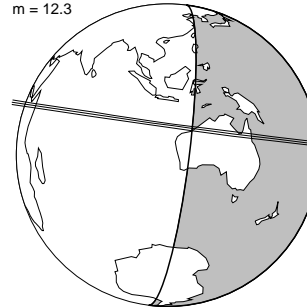
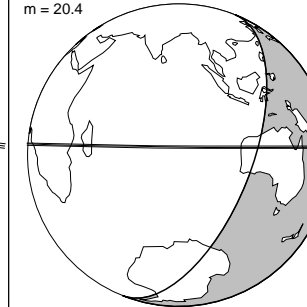
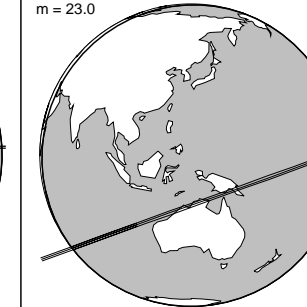
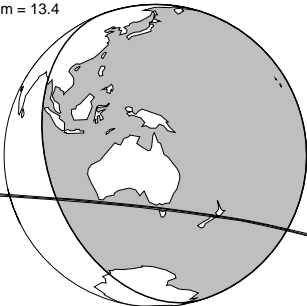
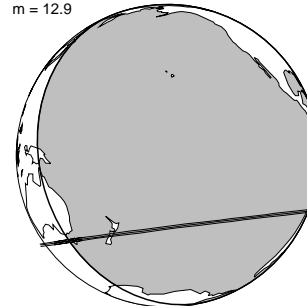
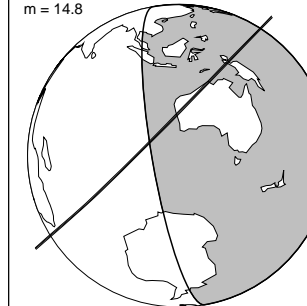
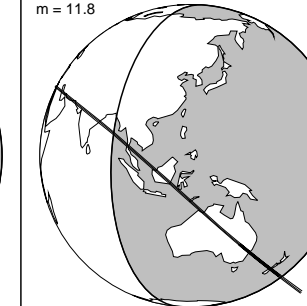
Occultations by major and minor planets – 2009

Region 8

<p>2009 aug 23 6h32.0m A09_08058 573 Recha TYC 7413–02394–1 Diam = 50.5 m = 9.2 m = 14.4</p>  <p>Dur = 8.7s Dmag = 5.2 Sun: 131° Moon: 93°</p>	<p>2009 aug 23 13h58.2m A09_08032 242 Kriemhild TYC 5182–00252–1 Diam = 41.5 m = 11.1 m = 14.5</p>  <p>Dur = 3.2s Dmag = 3.4 Sun: 157° Moon: 121°</p>	<p>2009 aug 24 13h42.5m A09_08088 1459 Magnya UCAC2 12811125 Diam = 33.2 m = 11.5 m = 14.1</p>  <p>Dur = 4.1s Dmag = 2.7 Sun: 140° Moon: 91°</p>	<p>2009 aug 24 15h50.0m A09_08065 675 Ludmilla UCAC2 28281783 Diam = 86.7 m = 11.2 m = 12.3</p>  <p>Dur = 10.3s Dmag = 1.4 Sun: 145° Moon: 92°</p>
<p>2009 aug 25 16h12.6m A09_08037 326 Tamara UCAC2 10090992 Diam = 100.0 m = 10.6 m = 12.1</p>  <p>Dur = 10.3s Dmag = 1.8 Sun: 138° Moon: 96°</p>	<p>2009 aug 28 10h51.2m A09_08080 1101 Clematis UCAC2 35849023 Diam = 41.0 m = 12.0 m = 14.7</p>  <p>Dur = 3.2s Dmag = 2.8 Sun: 151° Moon: 71°</p>	<p>2009 aug 28 13h29.0m B09_08001 2060 Chiron UCAC2 29201987 Diam = 200.0 m = 13.1 m = 18.0</p>  <p>Dur = 9.0s Dmag = 5.0 Sun: 165° Moon: 66°</p>	<p>2009 aug 29 19h 4.4m A09_08089 1735 ITA HIP 112936 Diam = 66.0 m = 8.3 m = 13.4</p>  <p>Dur = 5.3s Dmag = 5.2 Sun: 166° Moon: 64°</p>
<p>2009 aug 30 11h16.7m A09_08017 82 Alkeme UCAC2 20934241 Diam = 63.6 m = 10.9 m = 13.9</p>  <p>Dur = 30.8s Dmag = 3.1 Sun: 116° Moon: 6°</p>	<p>2009 aug 30 14h34.5m A09_08078 1013 Tombecka UCAC2 15844420 Diam = 35.6 m = 12.0 m = 15.6</p>  <p>Dur = 6.7s Dmag = 3.7 Sun: 118° Moon: 14°</p>	<p>2009 sep 3 13h49.3m A09_09012 55 Pandora TYC 6375–00618–1 Diam = 67.5 m = 12.1 m = 11.2</p>  <p>Dur = 7.8s Dmag = 0.4 Sun: 158° Moon: 13°</p>	<p>2009 sep 4 8h41.9m A09_09041 213 Lilaea UCAC2 22566875 Diam = 84.6 m = 11.2 m = 12.7</p>  <p>Dur = 17.1s Dmag = 1.7 Sun: 121° Moon: 55°</p>
<p>2009 sep 4 10h54.4m A09_09098 1867 Deiphobus TYC 7346–00177–1 Diam = 131.0 m = 10.7 m = 16.2</p>  <p>Dur = 8.2s Dmag = 5.5 Sun: 90° Moon: 87°</p>	<p>2009 sep 5 11h 9.5m A09_09083 747 Winchester UCAC2 23750990 Diam = 178.0 m = 11.8 m = 12.4</p>  <p>Dur = 25.9s Dmag = 1.1 Sun: 127° Moon: 61°</p>	<p>2009 sep 6 11h23.0m B09_09005 2004PX107 UCAC2 23026211 Diam = 138.0 m = 13.6 m = 23.2</p>  <p>Dur = 8.0s Dmag = 9.6 Sun: 138° Moon: 62°</p>	<p>2009 sep 8 11h44.0m A09_09024 107 Camilla TYC 5667–00329–1 Diam = 237.0 m = 11.1 m = 13.6</p>  <p>Dur = 18.8s Dmag = 2.5 Sun: 96° Moon: 126°</p>

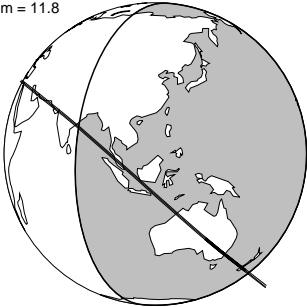
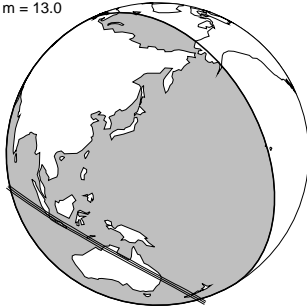
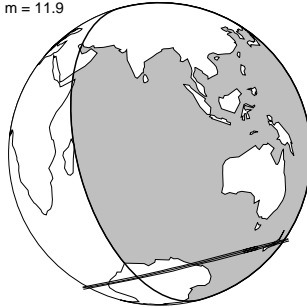
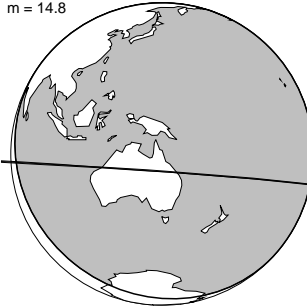
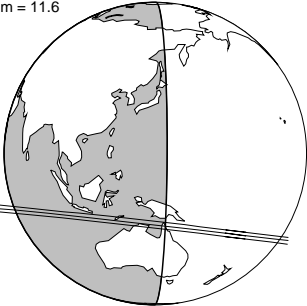
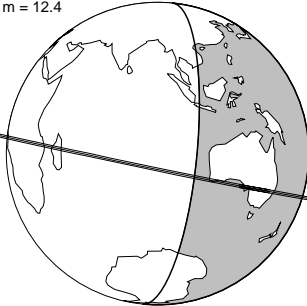
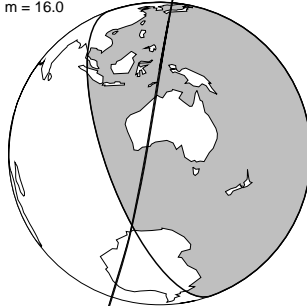
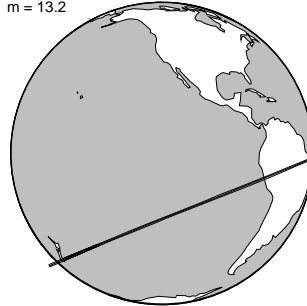
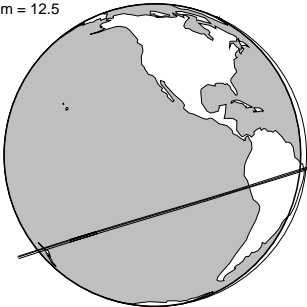
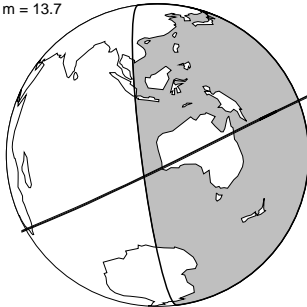
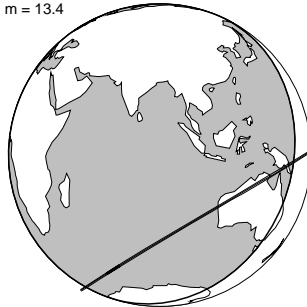
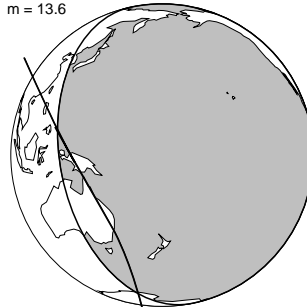
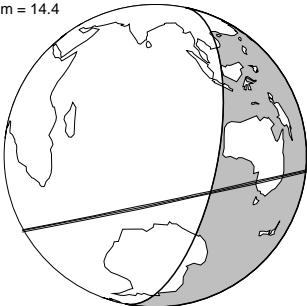
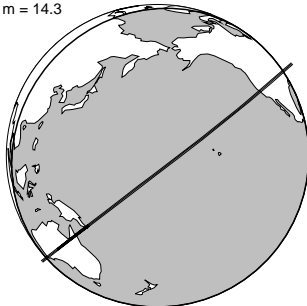
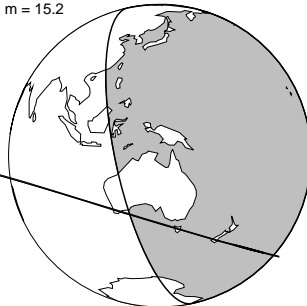
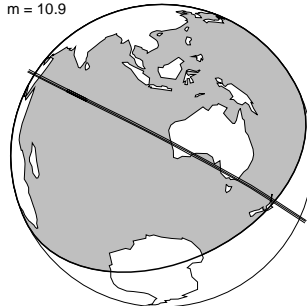
Occultations by major and minor planets – 2009

Region 8

<p>2009 sep 8 16h 3.7m A09_09023 99 Dike TYC 1815-01949-1 Diam = 43.1 m = 9.6 m = 15.2</p>  <p>Dur = 4.5s Dmag = 5.6 Sun: 99° Moon: 34°</p>	<p>2009 sep 10 13h24.0m A09_09048 302 Clarissa TYC 6906-01035-1 Diam = 47.0 m = 11.8 m = 14.8</p>  <p>Dur = 13.6s Dmag = 3.1 Sun: 134° Moon: 116°</p>	<p>2009 sep 11 11h30.8m A09_09035 156 Xanthippe UCAC2 29742996 Diam = 126.0 m = 12.0 m = 13.0</p>  <p>Dur = 31.0s Dmag = 1.4 Sun: 132° Moon: 125°</p>	<p>2009 sep 12 8h54.2m A09_09100 2207 Antenor UCAC2 25575141 Diam = 92.6 m = 12.0 m = 16.7</p>  <p>Dur = 7.6s Dmag = 4.7 Sun: 92° Moon: 171°</p>
<p>2009 sep 14 7h18.8m B09_09003 2000OU69 UCAC2 23518402 Diam = 182.0 m = 13.3 m = 22.5</p>  <p>Dur = 10.4s Dmag = 9.3 Sun: 139° Moon: 160°</p>	<p>2009 sep 14 12h16.0m A09_09072 572 Rebekka TYC 0559-00470-1 Diam = 30.8 m = 10.9 m = 13.4</p>  <p>Dur = 3.6s Dmag = 2.6 Sun: 160° Moon: 137°</p>	<p>2009 sep 15 16h16.4m A09_09010 42 Isis TYC 6409-00179-1 Diam = 107.0 m = 11.0 m = 9.5</p>  <p>Dur = 18.3s Dmag = 0.3 Sun: 160° Moon: 142°</p>	<p>2009 sep 16 15h16.1m A09_09073 572 Rebekka TYC 5225-00181-1 Diam = 30.8 m = 11.4 m = 13.5</p>  <p>Dur = 3.7s Dmag = 2.2 Sun: 158° Moon: 167°</p>
<p>2009 sep 16 17h28.6m A09_09007 19 Fortuna TYC 1294-01060-1 Diam = 149.0 m = 10.7 m = 11.2</p>  <p>Dur = 9.7s Dmag = 1.0 Sun: 96° Moon: 68°</p>	<p>2009 sep 17 9h51.0m A09_09009 22 Kalliope UCAC2 19698099 Diam = 187.0 m = 11.9 m = 12.3</p>  <p>Dur = 9.7s Dmag = 1.0 Sun: 81° Moon: 100°</p>	<p>2009 sep 19 9h45.5m B09_09001 55576 Amycus UCAC2 18436243 Diam = 91.2 m = 14.0 m = 20.4</p>  <p>Dur = 3.8s Dmag = 6.4 Sun: 61° Moon: 52°</p>	<p>2009 sep 19 14h35.9m A09_09106 118702 2000OM67 HIP 114288 Diam = 151.4 m = 8.6 m = 23.0</p>  <p>Dur = 6.2s Dmag = 14.4 Sun: 168° Moon: 162°</p>
<p>2009 sep 20 11h36.2m A09_09015 66 Maja UCAC2 24248039 Diam = 78.3 m = 11.5 m = 13.4</p>  <p>Dur = 20.8s Dmag = 2.1 Sun: 135° Moon: 113°</p>	<p>2009 sep 21 8h20.7m A09_09016 78 Diana TYC 5797-00170-1 Diam = 116.0 m = 10.6 m = 12.9</p>  <p>Dur = 11.2s Dmag = 2.4 Sun: 147° Moon: 114°</p>	<p>2009 sep 22 11h 7.6m A09_09088 795 Fini UCAC2 13025211 Diam = 78.7 m = 11.1 m = 14.8</p>  <p>Dur = 5.0s Dmag = 3.8 Sun: 100° Moon: 55°</p>	<p>2009 sep 22 11h44.2m A09_09078 694 Ekard TYC 0506-00307-1 Diam = 92.7 m = 11.0 m = 11.8</p>  <p>Dur = 10.6s Dmag = 1.2 Sun: 121° Moon: 82°</p>

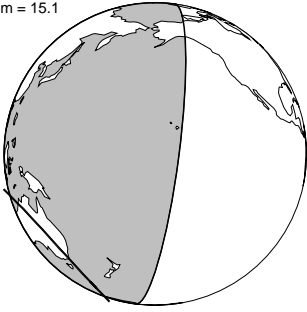
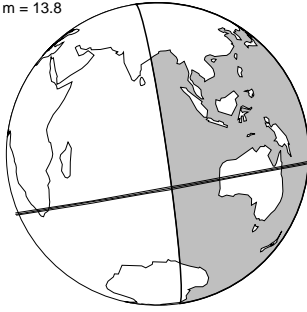
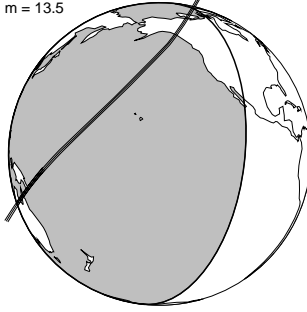
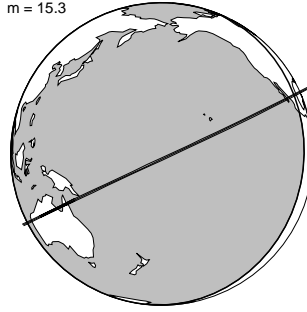
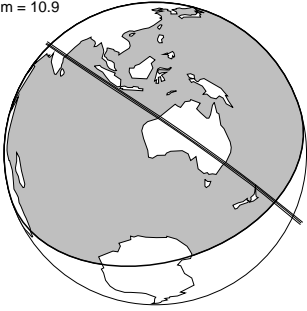
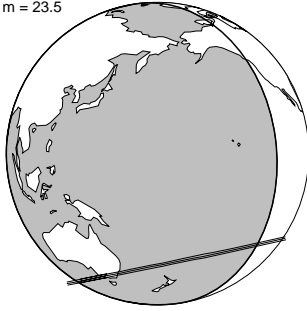
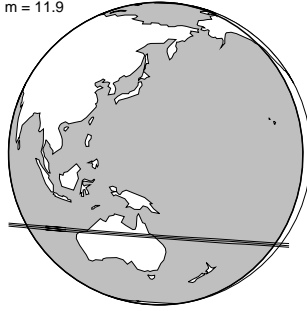
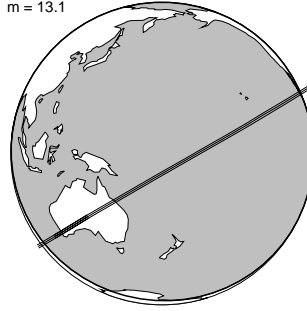
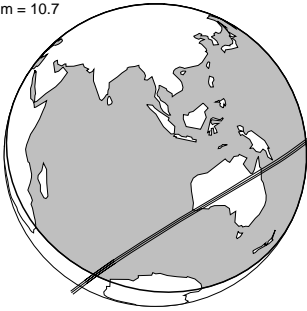
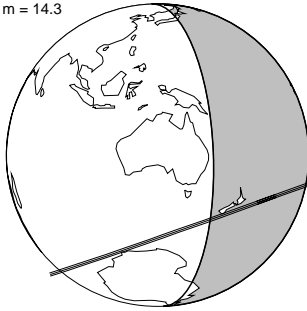
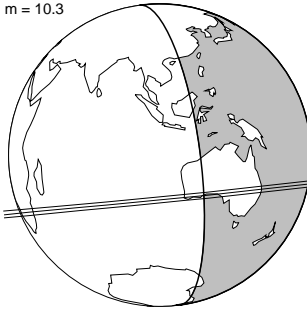
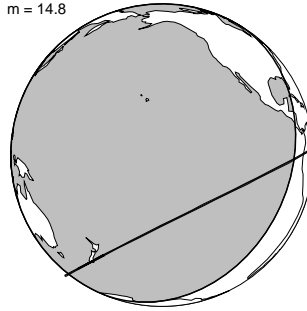
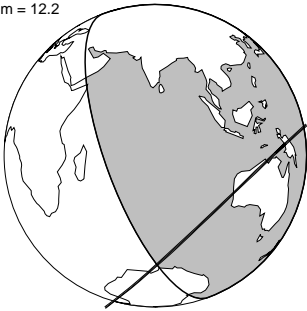
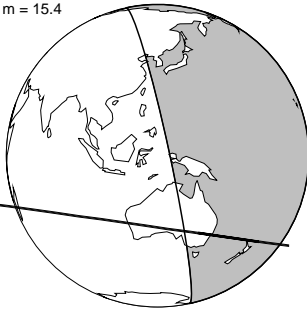
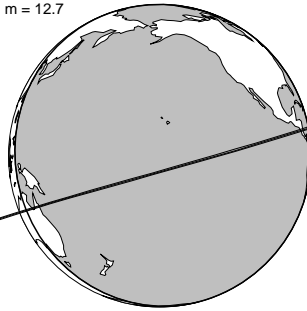
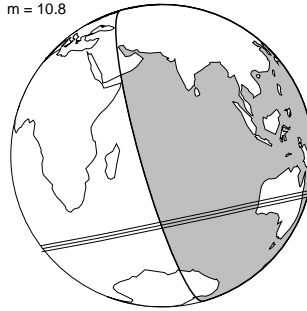
Occultations by major and minor planets – 2009

Region 8

<p>2009 sep 22 12h16.3m A09_09079 694 Ekard TYC 0506-00727-1 Diam = 92.7 m = 11.8</p>  <p>Dur = 10.6s Dmag = 1.0 Sun: 121° Moon: 82°</p>	<p>2009 sep 22 16h22.5m A09_09045 283 Emma TYC 1775-01459-1 Diam = 150.0 m = 13.0</p>  <p>Dur = 35.1s Dmag = 1.9 Sun: 133° Moon: 172°</p>	<p>2009 sep 23 14h31.9m A09_09033 140 Siwa UCAC2 23026672 Diam = 114.0 m = 11.4</p>  <p>Dur = 21.7s Dmag = 1.1 Sun: 122° Moon: 62°</p>	<p>2009 sep 25 13h18.5m A09_09092 961 Gunnie TYC 6395-00933-1 Diam = 39.3 m = 14.8</p>  <p>Dur = 4.1s Dmag = 3.1 Sun: 158° Moon: 78°</p>
<p>2009 sep 26 20h17.2m A09_09011 52 Europa TYC 1312-01318-1 Diam = 278.0 m = 11.6</p>  <p>Dur = 18.9s Dmag = 0.9 Sun: 94° Moon: 166°</p>	<p>2009 sep 27 10h41.2m A09_09066 471 Papagena TYC 6820-00473-1 Diam = 127.0 m = 12.4</p>  <p>Dur = 5.8s Dmag = 2.1 Sun: 74° Moon: 29°</p>	<p>2009 sep 28 11h13.3m A09_09102 2951 Perepadin HIP 99718 Diam = 52.1 m = 16.0</p>  <p>Dur = 6.0s Dmag = 6.8 Sun: 111° Moon: 17°</p>	<p>2009 sep 30 7h48.9m A09_09061 449 Hamburga HIP 1684 Diam = 88.6 m = 7.1</p>  <p>Dur = 6.9s Dmag = 6.1 Sun: 174° Moon: 42°</p>
<p>2009 oct 1 8h42.6m A09_10050 363 Padua TYC 0028-00036-1 Diam = 96.0 m = 12.5</p>  <p>Dur = 9.7s Dmag = 2.2 Sun: 163° Moon: 49°</p>	<p>2009 oct 1 10h50.2m A09_10044 337 Devosa UCAC2 19780680 Diam = 63.2 m = 11.8</p>  <p>Dur = 4.7s Dmag = 2.1 Sun: 96° Moon: 52°</p>	<p>2009 oct 3 19h42.3m A09_10053 412 Elisabetha TYC 4697-00156-1 Diam = 93.0 m = 13.4</p>  <p>Dur = 8.3s Dmag = 3.0 Sun: 151° Moon: 36°</p>	<p>2009 oct 9 9h 3.0m A09_10077 706 Hirundo UCAC2 30778465 Diam = 32.0 m = 11.1</p>  <p>Dur = 11.9s Dmag = 2.6 Sun: 132° Moon: 110°</p>
<p>2009 oct 11 10h30.2m A09_10005 36 Atalante UCAC2 14889639 Diam = 109.0 m = 14.4</p>  <p>Dur = 3.9s Dmag = 2.7 Sun: 65° Moon: 150°</p>	<p>2009 oct 11 10h51.2m A09_10100 1177 Gonnessia TYC 1184-00760-1 Diam = 95.5 m = 11.1</p>  <p>Dur = 6.8s Dmag = 3.3 Sun: 159° Moon: 99°</p>	<p>2009 oct 12 9h54.7m A09_10081 732 Tjilaki TYC 5766-00379-1 Diam = 39.0 m = 15.2</p>  <p>Dur = 3.6s Dmag = 3.5 Sun: 107° Moon: 174°</p>	<p>2009 oct 12 17h36.0m A09_10018 164 Eva TYC 7009-00282-1 Diam = 110.0 m = 9.7</p>  <p>Dur = 14.1s Dmag = 1.5 Sun: 134° Moon: 102°</p>

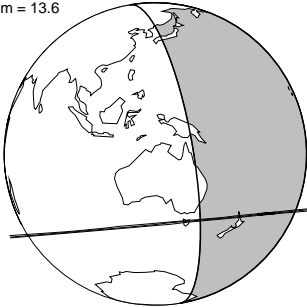
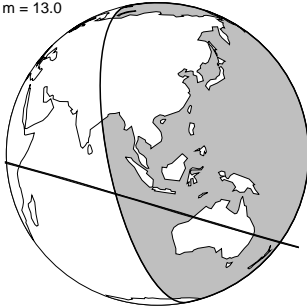
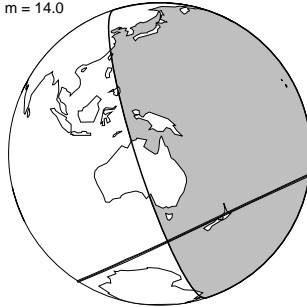
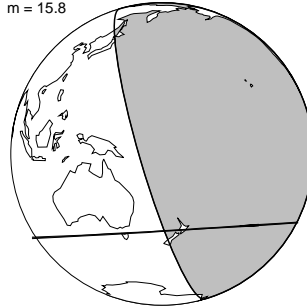
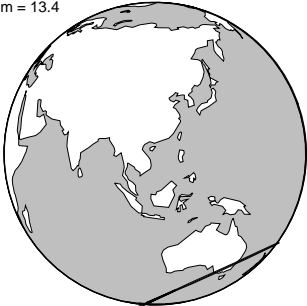
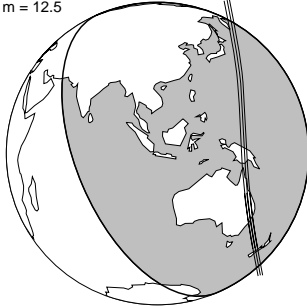
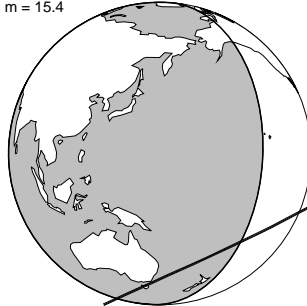
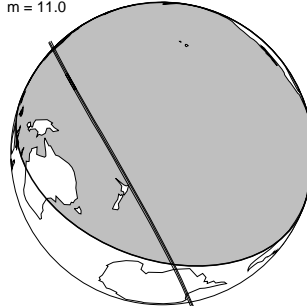
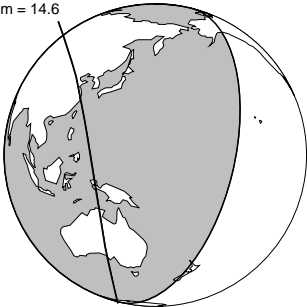
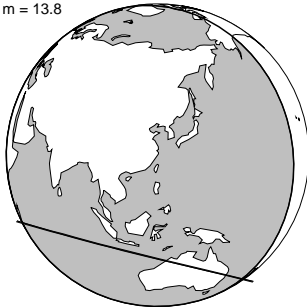
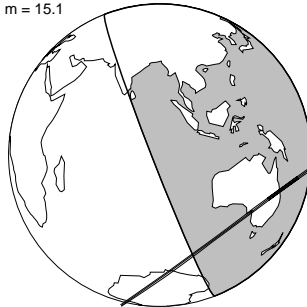
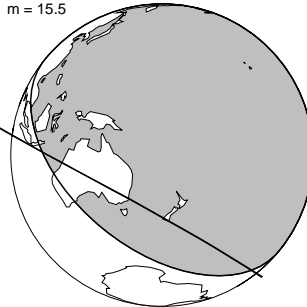
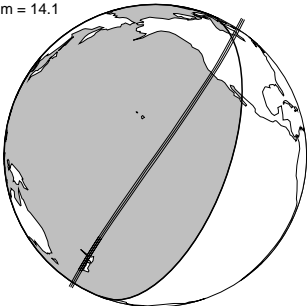
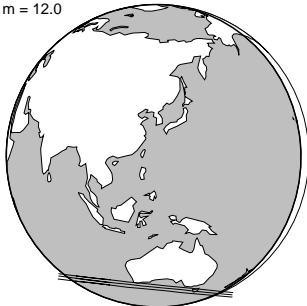
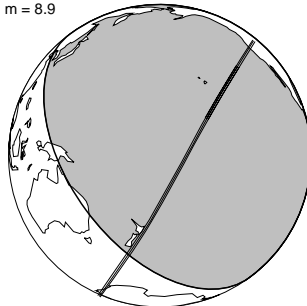
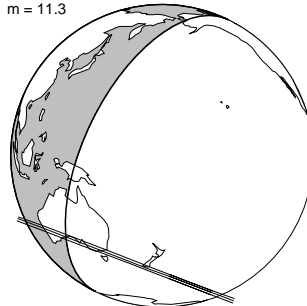
Occultations by major and minor planets – 2009

Region 8

<p>2009 oct 15 16h12.3m A09_10096 1102 Pepita UCAC2 35182262 Diam = 43.5 m = 11.6</p>  <p>Dur = 3.4s Dmag = 3.6 Sun: 98° Moon: 66°</p>	<p>2009 oct 16 11h57.9m A09_10064 554 Peraga TYC 6309-02187-1 Diam = 98.5 m = 10.4</p>  <p>Dur = 5.4s Dmag = 3.5 Sun: 86° Moon: 109°</p>	<p>2009 oct 16 13h22.5m A09_10068 618 Elfriede UCAC2 33876323 Diam = 124.0 m = 11.6</p>  <p>Dur = 37.0s Dmag = 2.1 Sun: 124° Moon: 102°</p>	<p>2009 oct 17 12h48.1m A09_10102 1212 Francette TYC 0054-00435-1 Diam = 90.7 m = 10.4</p>  <p>Dur = 6.6s Dmag = 4.9 Sun: 159° Moon: 150°</p>
<p>2009 oct 17 16h36.3m A09_10019 164 Eva TYC 7007-00747-1 Diam = 110.0 m = 10.9</p>  <p>Dur = 12.2s Dmag = 1.2 Sun: 135° Moon: 131°</p>	<p>2009 oct 20 15h 0.4m B09_10002 2000YA2 UCAC2 38561652 Diam = 138.0 m = 23.5</p>  <p>Dur = 7.1s Dmag = 11.1 Sun: 141° Moon: 169°</p>	<p>2009 oct 21 14h58.7m A09_10046 344 Desiderata UCAC2 36232171 Diam = 138.0 m = 11.9</p>  <p>Dur = 9.8s Dmag = 0.8 Sun: 161° Moon: 156°</p>	<p>2009 oct 22 12h15.2m A09_10060 489 Comacina UCAC2 30940507 Diam = 144.0 m = 13.1</p>  <p>Dur = 10.4s Dmag = 1.4 Sun: 165° Moon: 118°</p>
<p>2009 oct 22 16h28.4m A09_10021 173 Ino TYC 5275-02025-1 Diam = 159.0 m = 10.7</p>  <p>Dur = 24.2s Dmag = 1.5 Sun: 152° Moon: 105°</p>	<p>2009 oct 24 7h46.5m A09_10054 426 Hippo TYC 6866-01899-1 Diam = 134.0 m = 14.3</p>  <p>Dur = 4.8s Dmag = 2.9 Sun: 68° Moon: 5°</p>	<p>2009 oct 24 9h55.7m A09_10003 7 Iris UCAC2 24959627 Diam = 261.8 m = 11.7</p>  <p>Dur = 10.8s Dmag = 0.3 Sun: 74° Moon: 6°</p>	<p>2009 oct 24 11h36.9m A09_10085 856 Backlunda TYC 4718-00935-1 Diam = 52.0 m = 14.8</p>  <p>Dur = 4.8s Dmag = 3.3 Sun: 148° Moon: 127°</p>
<p>2009 oct 24 14h11.2m A09_10009 55 Pandora TYC 6366-00016-1 Diam = 67.5 m = 12.2</p>  <p>Dur = 7.1s Dmag = 2.7 Sun: 109° Moon: 35°</p>	<p>2009 oct 25 8h58.3m A09_10105 1712 Angola TYC 5145-00953-1 Diam = 66.2 m = 15.4</p>  <p>Dur = 3.1s Dmag = 3.8 Sun: 85° Moon: 20°</p>	<p>2009 oct 25 9h11.2m A09_10017 160 Una HIP 3972 Diam = 85.0 m = 8.1</p>  <p>Dur = 8.7s Dmag = 4.6 Sun: 162° Moon: 79°</p>	<p>2009 oct 25 14h 7.2m A09_10004 16 Psyche UCAC2 25221068 Diam = 264.0 m = 11.3</p>  <p>Dur = 19.7s Dmag = 0.5 Sun: 98° Moon: 13°</p>

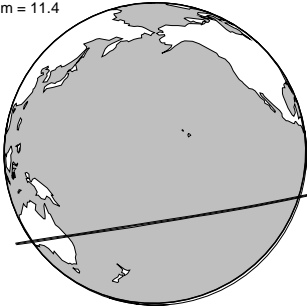
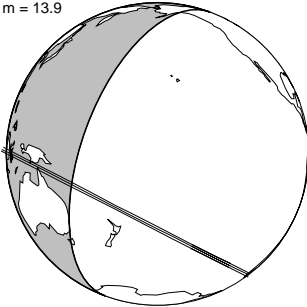
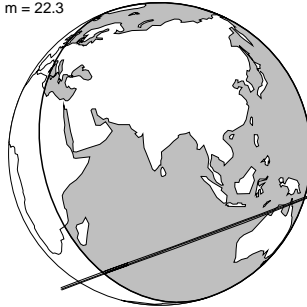
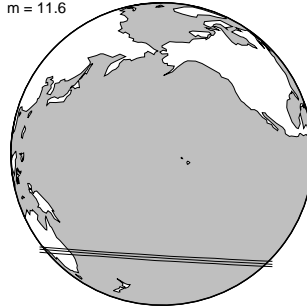
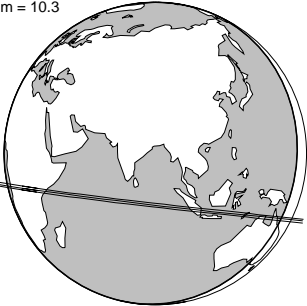
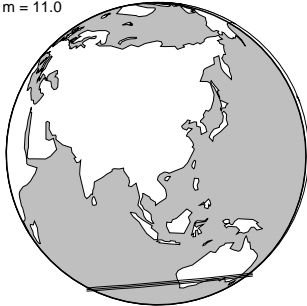
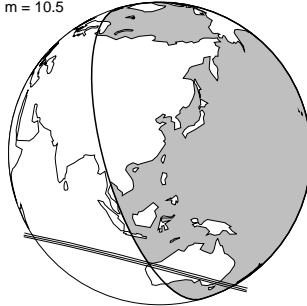
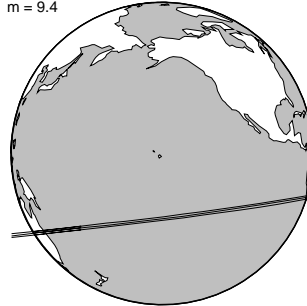
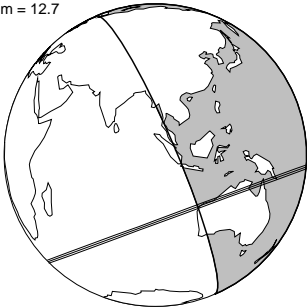
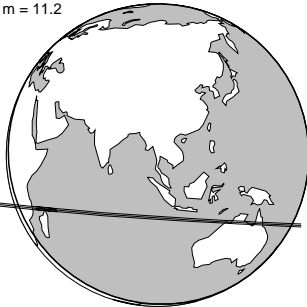

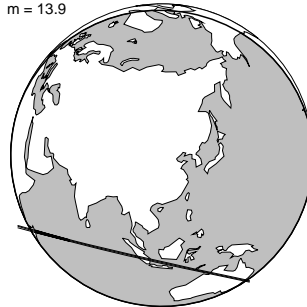
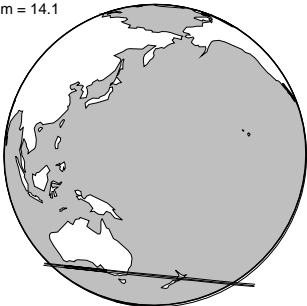
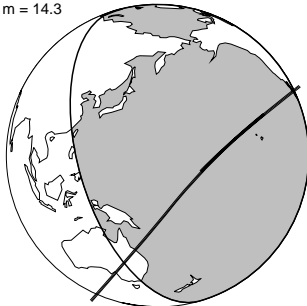
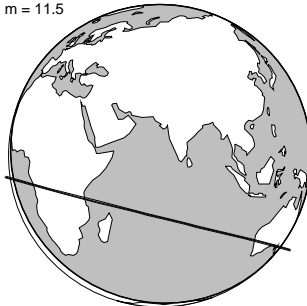
Occultations by major and minor planets – 2009

Region 8

<p>2009 oct 27 8h14.3m A09_10023 179 Klytaemnestra TYC 6296–01305–1 Diam = 81.0 m = 9.4 m = 13.6</p>  <p>Dur = 3.2s Dmag = 4.2 Sun: 75° Moon: 29°</p>	<p>2009 oct 27 11h47.1m A09_10073 686 Gersuind UCAC2 34202796 Diam = 44.1 m = 11.9 m = 13.0</p>  <p>Dur = 3.1s Dmag = 1.4 Sun: 109° Moon: 20°</p>	<p>2009 oct 30 9h13.2m A09_10010 66 Maja TYC 6351–00575–1 Diam = 78.3 m = 11.9 m = 14.0</p>  <p>Dur = 6.2s Dmag = 2.2 Sun: 98° Moon: 40°</p>	<p>2009 nov 1 7h27.1m A09_11083 1203 Nanna TYC 5776–00281–1 Diam = 44.7 m = 11.9 m = 15.8</p>  <p>Dur = 3.3s Dmag = 3.9 Sun: 98° Moon: 62°</p>
<p>2009 nov 1 16h44.6m A09_11071 743 Eugenis TYC 1224–00176–1 Diam = 55.7 m = 10.8 m = 13.4</p>  <p>Dur = 5.0s Dmag = 2.7 Sun: 173° Moon: 21°</p>	<p>2009 nov 4 13h 0.5m A09_11009 41 Daphne TYC 5248–01143–1 Diam = 219.0 m = 9.6 m = 12.5</p>  <p>Dur = 55.6s Dmag = 3.0 Sun: 122° Moon: 80°</p>	<p>2009 nov 5 16h45.7m A09_11085 1315 Bronislaw TYC 1321–00636–1 Diam = 65.5 m = 11.5 m = 15.4</p>  <p>Dur = 10.1s Dmag = 3.9 Sun: 132° Moon: 11°</p>	<p>2009 nov 8 9h42.8m A09_11032 164 Eva UCAC2 20766410 Diam = 110.0 m = 11.9 m = 11.0</p>  <p>Dur = 8.5s Dmag = 0.4 Sun: 134° Moon: 102°</p>
<p>2009 nov 8 17h15.7m A09_11076 968 Petunia TYC 0752–00370–1 Diam = 31.0 m = 10.5 m = 14.6</p>  <p>Dur = 4.6s Dmag = 4.1 Sun: 121° Moon: 23°</p>	<p>2009 nov 10 17h26.6m A09_11082 1186 Turnera UCAC2 41842221 Diam = 39.0 m = 11.4 m = 13.8</p>  <p>Dur = 3.5s Dmag = 2.5 Sun: 152° Moon: 78°</p>	<p>2009 nov 19 12h17.5m A09_11028 162 Laurentia TYC 6378–01407–1 Diam = 105.0 m = 10.0 m = 15.1</p>  <p>Dur = 8.2s Dmag = 5.1 Sun: 92° Moon: 62°</p>	<p>2009 nov 21 10h33.6m A09_11093 5849 1990HF1 TYC 5857–01155–1 Diam = 30.2 m = 10.5 m = 15.5</p>  <p>Dur = 3.4s Dmag = 5.0 Sun: 128° Moon: 84°</p>
<p>2009 nov 21 13h50.3m A09_11023 137 Meliboea TYC 0188–01414–1 Diam = 150.0 m = 9.1 m = 14.1</p>  <p>Dur = 21.5s Dmag = 5.1 Sun: 119° Moon: 163°</p>	<p>2009 nov 22 16h37.1m A09_11021 121 Hermione TYC 1846–01917–1 Diam = 217.0 m = 11.7 m = 12.0</p>  <p>Dur = 17.9s Dmag = 0.9 Sun: 161° Moon: 132°</p>	<p>2009 nov 26 8h30.2m A09_11004 18 Melpomene TYC 5273–00823–1 Diam = 135.0 m = 10.7 m = 8.9</p>  <p>Dur = 31.4s Dmag = 0.2 Sun: 127° Moon: 31°</p>	<p>2009 nov 29 20h16.9m A09_11001 9 Metis TYC 0290–00657–1 Diam = 183.7 m = 10.3 m = 11.3</p>  <p>Dur = 5.6s Dmag = 1.4 Sun: 58° Moon: 152°</p>

Occultations by major and minor planets – 2009

Region 8

<p>2009 nov 30 11h30.8m A09_11031 163 Erigone UCAC2 36237985 Diam = 76.0 m = 11.6 m = 11.4</p>  <p>Dur = 10.8s Dmag = 0.6 Sun: 169° Moon: 32°</p>	<p>2009 dec 4 18h39.8m A09_12048 241 Germania TYC 5528-01239-1 Diam = 169.0 m = 11.3 m = 13.9</p>  <p>Dur = 5.6s Dmag = 2.6 Sun: 59° Moon: 87°</p>	<p>2009 dec 6 15h50.2m B09_12001 15788 1993SB UCAC2 36757563 Diam = 95.5 m = 13.0 m = 22.3</p>  <p>Dur = 5.6s Dmag = 9.3 Sun: 140° Moon: 98°</p>	<p>2009 dec 8 10h54.0m A09_12031 121 Hermione TYC 1832-00278-1 Diam = 217.0 m = 11.8 m = 11.6</p>  <p>Dur = 16.1s Dmag = 0.7 Sun: 179° Moon: 83°</p>
<p>2009 dec 9 19h27.9m A09_12002 11 Parthenope TYC 1337-01741-1 Diam = 162.0 m = 11.4 m = 10.3</p>  <p>Dur = 14.8s Dmag = 0.3 Sun: 159° Moon: 79°</p>	<p>2009 dec 11 17h39.0m A09_12030 111 Ate TYC 1876-01888-1 Diam = 139.0 m = 12.7 m = 11.0</p>  <p>Dur = 14.6s Dmag = 0.2 Sun: 167° Moon: 113°</p>	<p>2009 dec 12 10h51.4m A09_12025 89 Julia TYC 1733-00767-1 Diam = 159.0 m = 8.4 m = 10.5</p>  <p>Dur = 14.6s Dmag = 2.2 Sun: 111° Moon: 155°</p>	<p>2009 dec 13 9h53.0m A09_12007 19 Fortuna TYC 1293-02273-1 Diam = 149.0 m = 11.3 m = 9.4</p>  <p>Dur = 17.2s Dmag = 0.2 Sun: 174° Moon: 148°</p>
<p>2009 dec 15 11h 2.3m A09_12015 49 Pales HIP 113727 Diam = 154.0 m = 7.7 m = 12.7</p>  <p>Dur = 6.8s Dmag = 5.0 Sun: 82° Moon: 94°</p>	<p>2009 dec 16 16h39.5m A09_12018 53 Kalypsa TYC 0696-01256-1 Diam = 119.0 m = 11.0 m = 11.2</p>  <p>Dur = 15.7s Dmag = 0.8 Sun: 166° Moon: 164°</p>	<p>2009 dec 20 16h 5.9m A09_12076 535 Montague TYC 1884-00674-1 Diam = 77.0 m = 11.4 m = 12.8</p>  <p>Dur = 6.7s Dmag = 1.7 Sun: 170° Moon: 143°</p>	<p>2009 dec 22 16h51.2m A09_12104 859 Bouzaréah HIP 29891 Diam = 77.5 m = 7.7 m = 13.9</p>  <p>Dur = 6.1s Dmag = 6.2 Sun: 162° Moon: 113°</p>
<p>2009 dec 26 13h29.3m A09_12051 260 Huberta TYC 0758-00390-1 Diam = 101.0 m = 10.9 m = 14.1</p>  <p>Dur = 6.8s Dmag = 3.2 Sun: 170° Moon: 76°</p>	<p>2009 dec 29 9h21.8m A09_12091 636 Erika UCAC2 38194507 Diam = 78.3 m = 11.8 m = 14.3</p>  <p>Dur = 35.5s Dmag = 2.6 Sun: 121° Moon: 25°</p>	<p>2009 dec 29 18h43.2m A09_12054 287 Nephthys UCAC2 35528658 Diam = 70.1 m = 11.9 m = 11.5</p>  <p>Dur = 6.1s Dmag = 0.5 Sun: 163° Moon: 24°</p>	