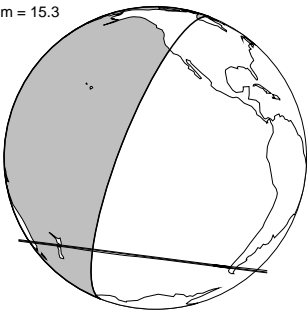
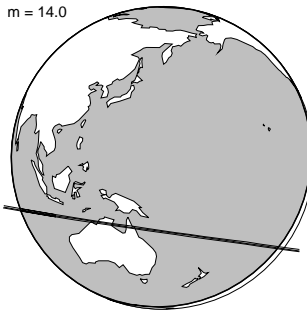
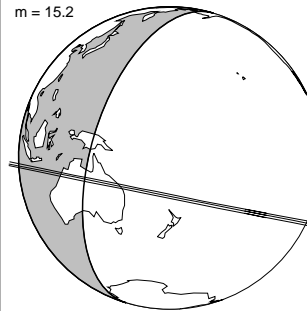
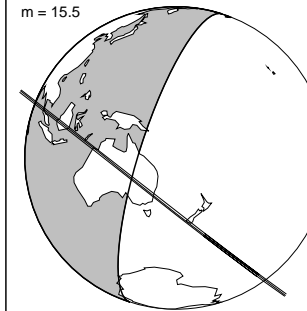
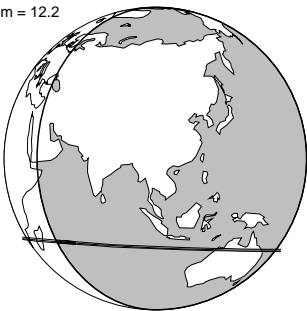
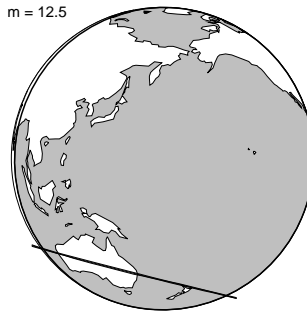
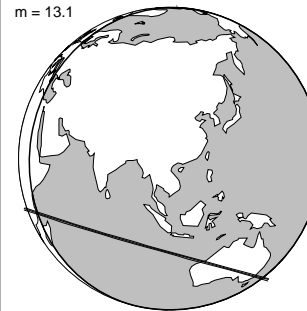
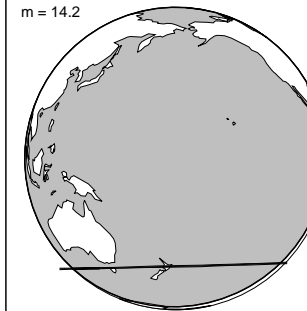
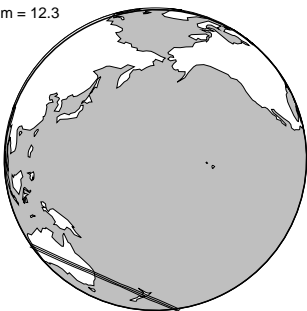
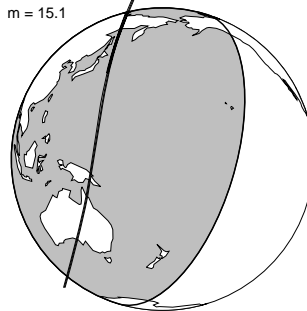
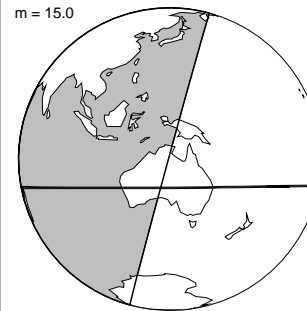
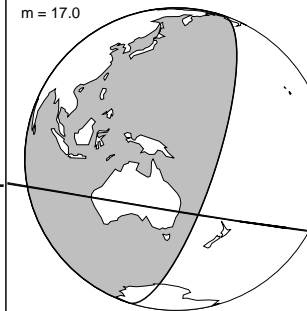
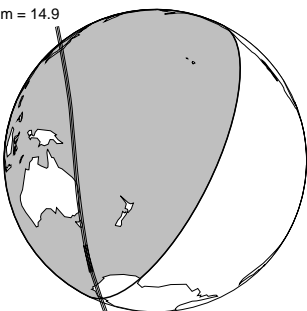
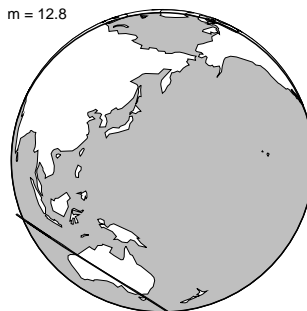
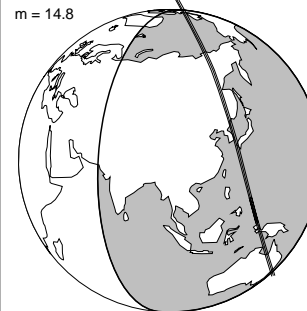
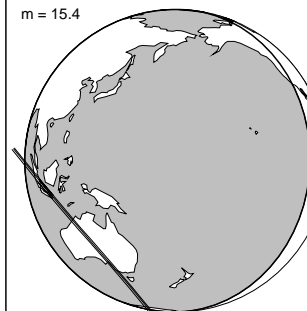


Occultations by major and minor planets – 2013

Region 8

<p>2013 jan 4 15h25.0m A13_01054 329 Svea PPMX 10480078 Diam = 80.5 m = 12.3 m = 15.3</p>  <p>Dur = 3.2s Dmag = 3.2 Sun: 76° Moon: 21°</p>	<p>2013 jan 6 14h28.9m A13_01028 102 Miriam PPMX 7119509 Diam = 86.0 m = 14.0</p>  <p>Dur = 6.5s Dmag = 2.8 Sun: 165° Moon: 95°</p>	<p>2013 jan 11 20h29.1m A13_01056 334 Chicago UCAC2 26466963 Diam = 170.0 m = 11.4 m = 15.2</p>  <p>Dur = 5.5s Dmag = 3.8 Sun: 58° Moon: 59°</p>	<p>2013 jan 13 19h53.9m A13_01052 328 Gudrun PPMX 11480551 Diam = 120.0 m = 12.3 m = 15.5</p>  <p>Dur = 5.1s Dmag = 3.3 Sun: 75° Moon: 104°</p>
<p>2013 jan 23 14h42.0m A13_01009 21 Lutetia PPMX 4985022 Diam = 99.5 m = 12.5 m = 12.2</p>  <p>Dur = 15.8s Dmag = 0.6 Sun: 141° Moon: 4°</p>	<p>2013 jan 25 12h24.1m A13_01041 182 Elsa PPMX 6110600 Diam = 45.3 m = 11.9 m = 12.5</p>  <p>Dur = 5.6s Dmag = 1.1 Sun: 167° Moon: 8°</p>	<p>2013 jan 27 15h40.1m A13_01083 758 Mancunia PPMX 5069760 Diam = 86.5 m = 10.1 m = 13.1</p>  <p>Dur = 8.9s Dmag = 3.1 Sun: 157° Moon: 28°</p>	<p>2013 jan 28 12h35.6m A13_01059 398 Admete PPMX 8281969 Diam = 50.0 m = 12.5 m = 14.2</p>  <p>Dur = 5.0s Dmag = 1.9 Sun: 167° Moon: 8°</p>
<p>2013 feb 6 11h52.8m A13_02016 92 Undina PPMX 5159615 Diam = 132.0 m = 11.2 m = 12.3</p>  <p>Dur = 8.8s Dmag = 1.5 Sun: 170° Moon: 134°</p>	<p>2013 feb 8 16h33.7m A13_02041 415 Palatia S00a 498681 Diam = 80.1 m = 12.3 m = 15.1</p>  <p>Dur = 18.1s Dmag = 2.9 Sun: 118° Moon: 96°</p>	<p>2013 feb 8 20h58.6m A13_02029 258 Tyche PPMX 11523703 Diam = 67.7 m = 11.7 m = 15.0</p>  <p>Dur = 4.2s Dmag = 3.3 Sun: 89° Moon: 70°</p>	<p>2013 feb 10 18h51.7m A13_02050 555 Norma PPMX 10494386 Diam = 42.5 m = 10.6 m = 17.0</p>  <p>Dur = 5.1s Dmag = 6.4 Sun: 105° Moon: 111°</p>
<p>2013 feb 11 15h32.1m A13_02055 690 Wratislavia PPMX 11464670 Diam = 140.0 m = 9.9 m = 14.9</p>  <p>Dur = 36.7s Dmag = 5.0 Sun: 112° Moon: 131°</p>	<p>2013 feb 14 13h48.3m A13_02037 351 Yrsa PPMX 5182691 Diam = 44.3 m = 10.8 m = 12.8</p>  <p>Dur = 4.6s Dmag = 2.2 Sun: 168° Moon: 122°</p>	<p>2013 feb 19 13h28.1m A13_02039 388 Charybdis PPMX 4008951 Diam = 120.0 m = 12.0 m = 14.8</p>  <p>Dur = 32.3s Dmag = 2.9 Sun: 118° Moon: 14°</p>	<p>2013 feb 20 14h45.5m A13_02063 909 Ulla PPMX 7254916 Diam = 120.0 m = 10.4 m = 15.4</p>  <p>Dur = 8.2s Dmag = 5.0 Sun: 152° Moon: 87°</p>

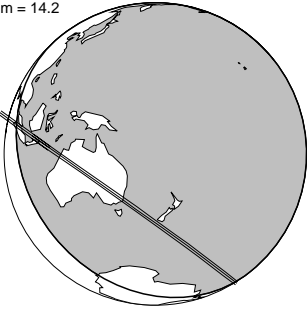
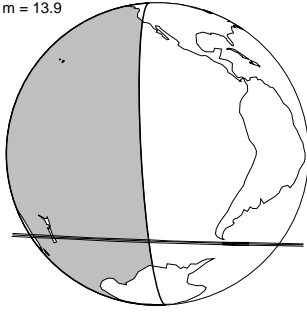
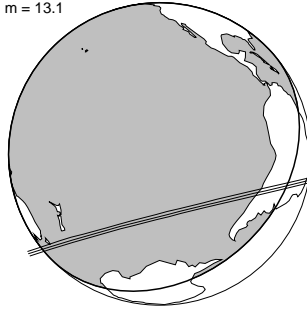
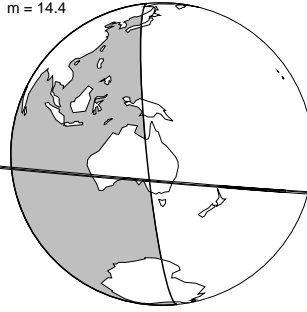
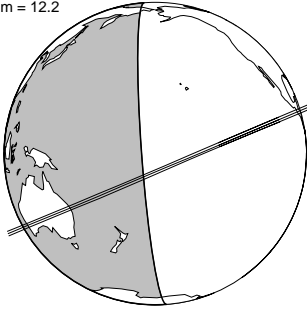
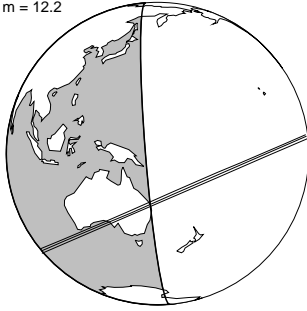
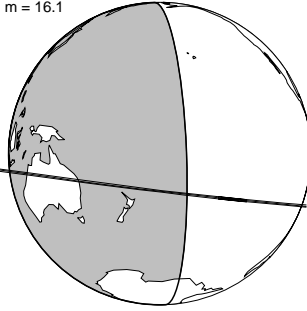
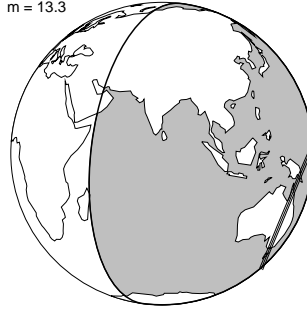
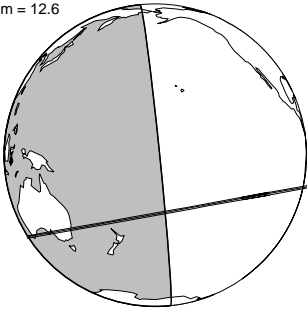
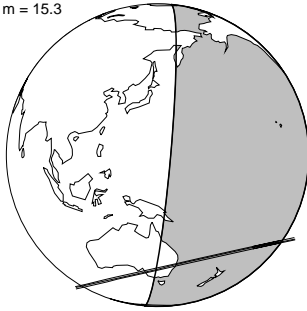
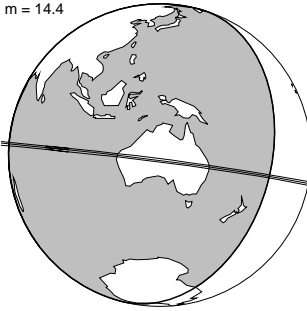
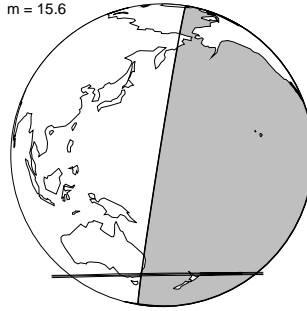
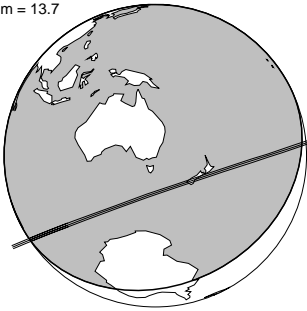
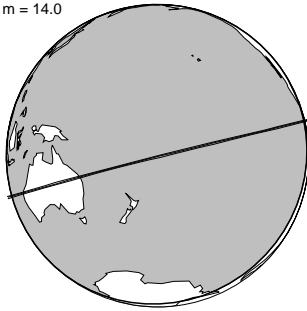
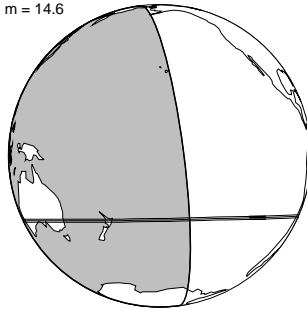
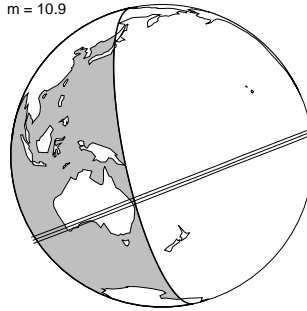
Occultations by major and minor planets – 2013

Region 8

<p>2013 feb 23 16h12.2m A13_02042 426 Hippo PPMX 11399411 Diam = 134.0 m = 10.5</p> <p>Dur = 11.0s Dmag = 2.6 Sun: 152° Moon: 47°</p>	<p>2013 feb 25 14h26.4m A13_02035 336 Lacadiera UCAC2 22492947 Diam = 72.0 m = 11.3</p> <p>Dur = 3.8s Dmag = 3.4 Sun: 91° Moon: 92°</p>	<p>2013 feb 25 19h50.2m A13_02005 25 Phocaea UCAC2 23643908 Diam = 78.0 m = 12.2</p> <p>Dur = 5.1s Dmag = 1.3 Sun: 100° Moon: 80°</p>	<p>2013 feb 28 12h23.1m A13_02002 12 Victoria UCAC2 30370169 Diam = 117.0 m = 12.3</p> <p>Dur = 8.6s Dmag = 0.3 Sun: 167° Moon: 34°</p>
<p>2013 feb 28 12h46.4m A13_02031 276 Adelheid PPMX 7972329 Diam = 127.0 m = 12.1</p> <p>Dur = 8.2s Dmag = 2.7 Sun: 92° Moon: 118°</p>	<p>2013 mar 1 10h10.0m A13_03101 1031 Arctica PPMX 9327299 Diam = 78.0 m = 10.8</p> <p>Dur = 8.0s Dmag = 4.1 Sun: 138° Moon: 79°</p>	<p>2013 mar 3 17h 1.6m A13_03037 147 Protogeneia PPMX 11536717 Diam = 137.0 m = 12.1</p> <p>Dur = 18.6s Dmag = 2.6 Sun: 107° Moon: 2°</p>	<p>2013 mar 7 18h42.6m A13_03039 164 Eva PPMX 11665195 Diam = 110.0 m = 10.0</p> <p>Dur = 3.9s Dmag = 4.8 Sun: 71° Moon: 19°</p>
<p>2013 mar 8 11h32.9m A13_03059 322 Phaeo PPMX 6030110 Diam = 73.8 m = 14.8</p> <p>Dur = 9.0s Dmag = 2.8 Sun: 106° Moon: 150°</p>	<p>2013 mar 11 15h42.2m A13_03042 173 Ino PPMX 10674477 Diam = 159.0 m = 10.3</p> <p>Dur = 5.5s Dmag = 4.0 Sun: 68° Moon: 65°</p>	<p>2013 mar 14 14h20.3m A13_03054 261 Prymno UCAC2 24618713 Diam = 52.6 m = 12.2</p> <p>Dur = 4.6s Dmag = 2.2 Sun: 102° Moon: 136°</p>	<p>2013 mar 15 9h48.6m A13_03006 9 Metis UCAC2 42042927 Diam = 183.7 m = 12.4</p> <p>Dur = 15.5s Dmag = 0.1 Sun: 103° Moon: 61°</p>
<p>2013 mar 15 15h11.3m A13_03088 576 Emanuela PPMX 12743316 Diam = 86.0 m = 15.8</p> <p>Dur = 3.1s Dmag = 3.6 Sun: 73° Moon: 119°</p>	<p>2013 mar 17 11h50.0m A13_03046 206 Hersilia PPMX 8345008 Diam = 60.8 m = 9.8</p> <p>Dur = 5.2s Dmag = 3.4 Sun: 170° Moon: 105°</p>	<p>2013 mar 18 12h57.9m A13_03064 340 Eduarda PPMX 10477209 Diam = 32.0 m = 10.7</p> <p>Dur = 3.2s Dmag = 4.7 Sun: 151° Moon: 131°</p>	<p>2013 mar 19 16h46.3m A13_03056 289 Nenetta PPMX 10517329 Diam = 41.5 m = 11.1</p> <p>Dur = 7.5s Dmag = 5.0 Sun: 130° Moon: 140°</p>

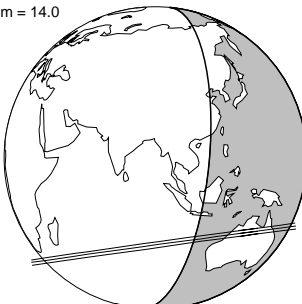
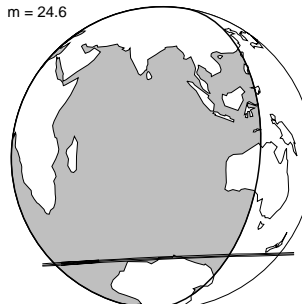
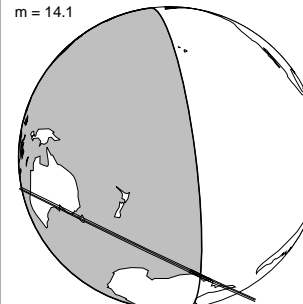
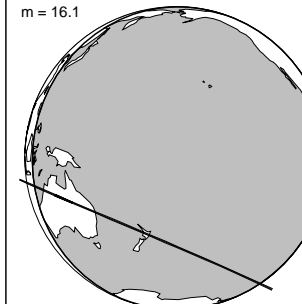
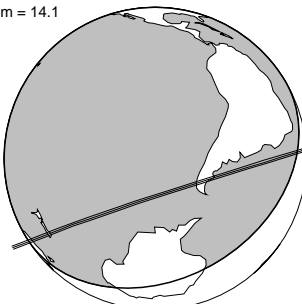
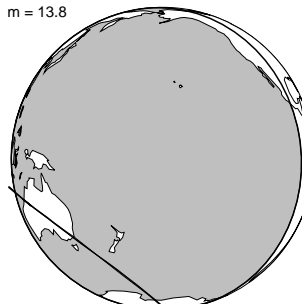
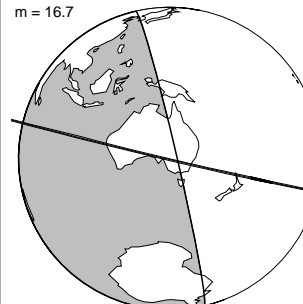
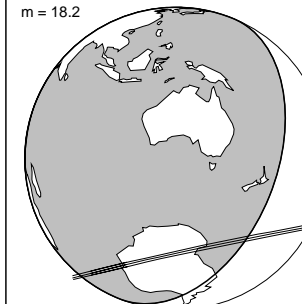
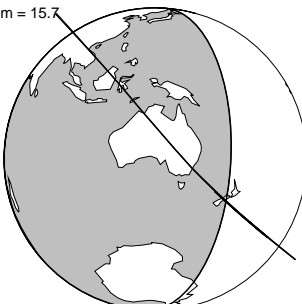
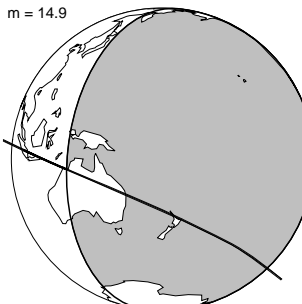
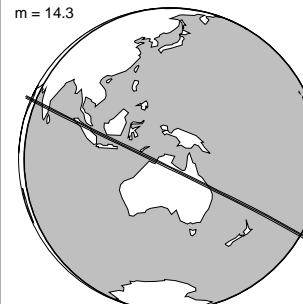
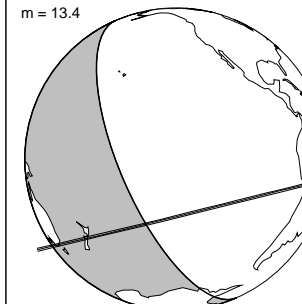
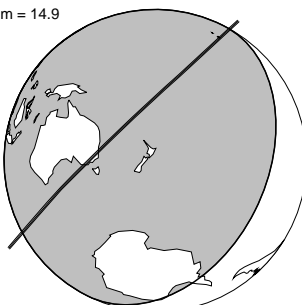
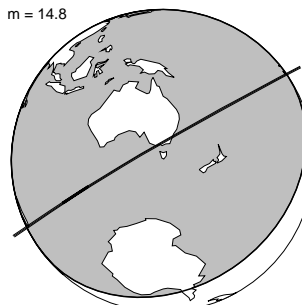
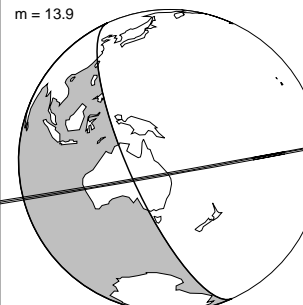
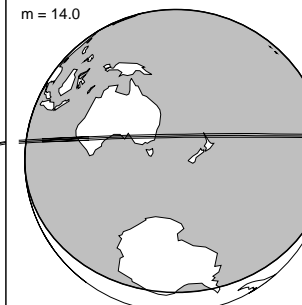
Occultations by major and minor planets – 2013

Region 8

<p>2013 mar 20 11h32.8m A13_03095 790 Pretoria PPMX 11374617 Diam = 176.0 m = 11.9 m = 14.2</p>  <p>Dur = 12.0s Dmag = 2.4 Sun: 149° Moon: 69°</p>	<p>2013 mar 20 14h11.4m A13_03013 37 Fides S26a 1772835 Diam = 112.0 m = 13.9</p>  <p>Dur = 6.0s Dmag = 2.8 Sun: 83° Moon: 172°</p>	<p>2013 mar 24 9h54.6m A13_03070 375 Ursula HIP 67006 Diam = 216.0 m = 13.1</p>  <p>Dur = 18.8s Dmag = 4.8 Sun: 145° Moon: 67°</p>	<p>2013 mar 27 20h50.1m A13_03080 455 Bruchsalia PPMX 12747684 Diam = 87.5 m = 14.4</p>  <p>Dur = 3.8s Dmag = 3.3 Sun: 84° Moon: 90°</p>
<p>2013 mar 29 17h40.1m A13_03016 41 Daphne PPMX 9679754 Diam = 182.0 m = 12.3 m = 12.2</p>  <p>Dur = 7.9s Dmag = 0.7 Sun: 84° Moon: 66°</p>	<p>2013 mar 30 20h 0.5m A13_03017 41 Daphne PPMX 9682488 Diam = 182.0 m = 12.3 m = 12.2</p>  <p>Dur = 8.0s Dmag = 0.7 Sun: 85° Moon: 51°</p>	<p>2013 apr 3 16h45.6m A13_04058 348 May PPMX 11651748 Diam = 88.0 m = 9.1 m = 16.1</p>  <p>Dur = 8.5s Dmag = 7.0 Sun: 100° Moon: 17°</p>	<p>2013 apr 4 14h36.3m A13_04029 105 Artemis PPMX 8266791 Diam = 123.0 m = 13.3</p>  <p>Dur = 11.1s Dmag = 1.3 Sun: 117° Moon: 165°</p>
<p>2013 apr 4 17h 4.1m A13_04064 387 Aquitania PPMX 9670187 Diam = 106.0 m = 12.3 m = 12.6</p>  <p>Dur = 5.5s Dmag = 0.9 Sun: 91° Moon: 24°</p>	<p>2013 apr 5 8h10.4m A13_04043 191 Kolga PPMX 6053440 Diam = 105.0 m = 11.5 m = 15.3</p>  <p>Dur = 5.3s Dmag = 3.8 Sun: 85° Moon: 147°</p>	<p>2013 apr 8 17h58.5m A13_04021 49 Pales UCAC2 22253373 Diam = 154.0 m = 11.9 m = 14.4</p>  <p>Dur = 18.9s Dmag = 2.7 Sun: 137° Moon: 118°</p>	<p>2013 apr 11 7h33.3m A13_04028 102 Miriam PPMX 6101273 Diam = 86.0 m = 9.9 m = 15.6</p>  <p>Dur = 5.7s Dmag = 5.7 Sun: 91° Moon: 81°</p>
<p>2013 apr 12 15h 1.0m A13_04085 705 Erminia UCAC2 15977111 Diam = 139.0 m = 12.3 m = 13.7</p>  <p>Dur = 9.5s Dmag = 1.6 Sun: 148° Moon: 158°</p>	<p>2013 apr 13 12h 6.2m A13_04089 795 Fini PPMX 11476661 Diam = 78.7 m = 11.5 m = 14.0</p>  <p>Dur = 6.4s Dmag = 2.6 Sun: 165° Moon: 156°</p>	<p>2013 apr 13 16h 4.5m A13_04084 618 Elfriede PPMX 10682854 Diam = 124.0 m = 11.6 m = 14.6</p>  <p>Dur = 10.8s Dmag = 3.1 Sun: 99° Moon: 136°</p>	<p>2013 apr 14 20h 3.4m A13_04006 3 Juno PPMX 9810471 Diam = 267.0 m = 9.9 m = 10.9</p>  <p>Dur = 11.1s Dmag = 1.3 Sun: 75° Moon: 125°</p>

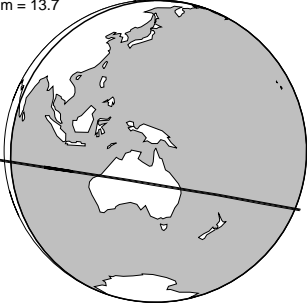
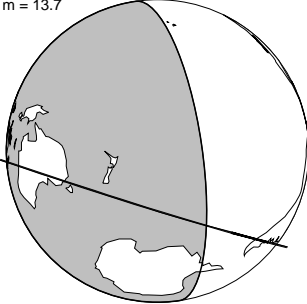
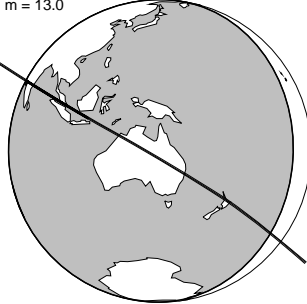
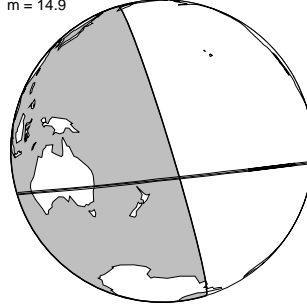
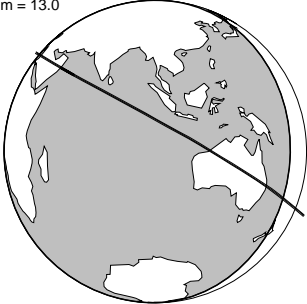
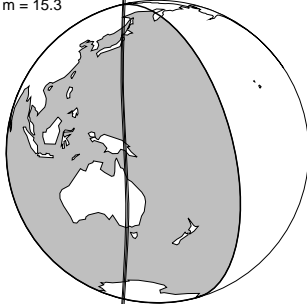
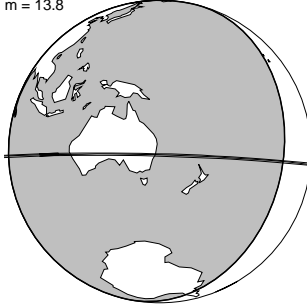
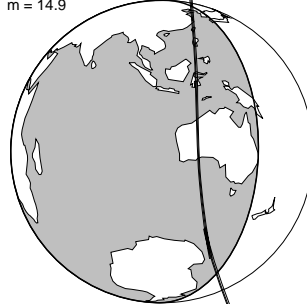
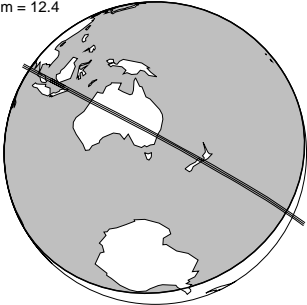
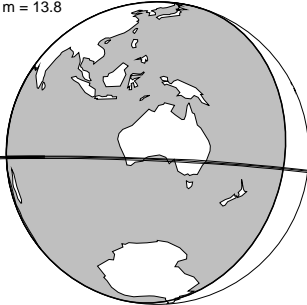
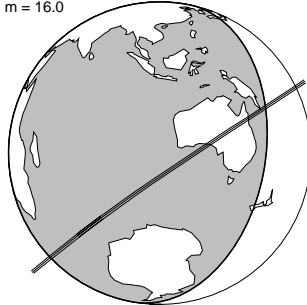
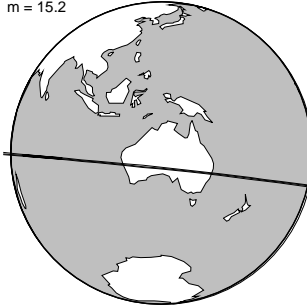
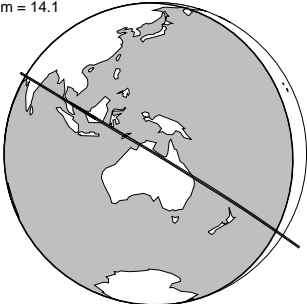
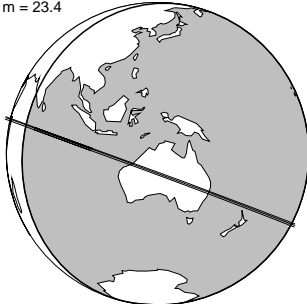
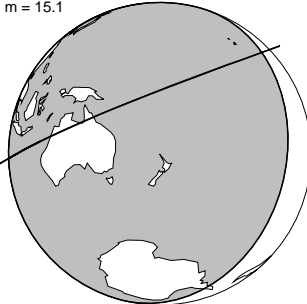
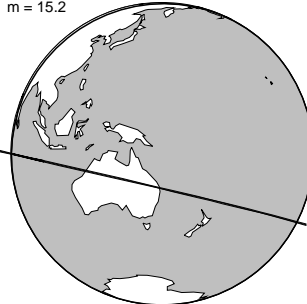
Occultations by major and minor planets – 2013

Region 8

<p>2013 apr 16 10h35.1m A13_04030 107 Camilla PPMX 6032040 Diam = 237.0 m = 12.3 m = 14.0</p>  <p>Dur = 8.8s Dmag = 2.0 Sun: 69° Moon: 5°</p>	<p>2013 apr 16 21h38.6m A13_04098 2001KW76 PPMX 12646151 Diam = 100.0 m = 11.8 m = 24.6</p>  <p>Dur = 7.3s Dmag = 12.8 Sun: 129° Moon: 157°</p>	<p>2013 apr 17 16h23.2m A13_04039 164 Eva PPMX 12766937 Diam = 110.0 m = 11.0 m = 14.1</p>  <p>Dur = 6.6s Dmag = 3.1 Sun: 99° Moon: 172°</p>	<p>2013 apr 18 10h 2.2m A13_04071 406 Erna PPMX 10448380 Diam = 53.8 m = 12.1 m = 16.1</p>  <p>Dur = 3.9s Dmag = 4.1 Sun: 161° Moon: 73°</p>
<p>2013 apr 21 7h57.6m A13_04049 247 Eukrate UCAC2 12468927 Diam = 137.0 m = 11.9 m = 14.1</p>  <p>Dur = 8.8s Dmag = 2.3 Sun: 142° Moon: 83°</p>	<p>2013 apr 22 12h24.9m A13_04076 470 Kilia PPMX 10531857 Diam = 28.5 m = 8.5 m = 13.8</p>  <p>Dur = 3.9s Dmag = 5.3 Sun: 156° Moon: 66°</p>	<p>2013 apr 22 20h54.2m A13_04090 859 Bouzaréah PPMX 13819464 Diam = 77.5 m = 9.6 m = 16.7</p>  <p>Dur = 4.9s Dmag = 7.2 Sun: 92° Moon: 124°</p>	<p>2013 apr 23 18h27.3m B13_04001 10199 Chariklo S40c 1125900 Diam = 173.8 m = 12.8 m = 18.2</p>  <p>Dur = 12.9s Dmag = 5.4 Sun: 131° Moon: 73°</p>
<p>2013 apr 24 19h15.2m A13_04054 327 Columbia UCAC2 18039360 Diam = 35.5 m = 12.3 m = 15.7</p>  <p>Dur = 7.2s Dmag = 3.4 Sun: 119° Moon: 73°</p>	<p>2013 apr 27 9h 9.3m A13_04091 1000 Piazzia S14b 475381 Diam = 54.0 m = 12.1 m = 14.9</p>  <p>Dur = 15.9s Dmag = 2.9 Sun: 128° Moon: 71°</p>	<p>2013 apr 27 13h53.2m A13_04080 514 Armida S13b 531634 Diam = 110.0 m = 11.4 m = 14.3</p>  <p>Dur = 8.8s Dmag = 3.0 Sun: 164° Moon: 39°</p>	<p>2013 apr 30 16h47.2m A13_04057 346 Hermentaria PPMX 11880775 Diam = 110.0 m = 10.3 m = 13.4</p>  <p>Dur = 3.7s Dmag = 3.2 Sun: 68° Moon: 46°</p>
<p>2013 may 3 14h39.6m A13_05042 373 Melusina PPMX 14651019 Diam = 99.6 m = 12.3 m = 14.9</p>  <p>Dur = 10.7s Dmag = 2.7 Sun: 137° Moon: 69°</p>	<p>2013 may 5 15h29.0m A13_05069 746 Marlu UCAC2 12950242 Diam = 75.5 m = 12.5 m = 14.8</p>  <p>Dur = 7.2s Dmag = 2.5 Sun: 147° Moon: 106°</p>	<p>2013 may 5 21h21.5m A13_05003 23 Thalia PPMX 11881636 Diam = 111.0 m = 8.2 m = 13.9</p>  <p>Dur = 4.8s Dmag = 5.7 Sun: 74° Moon: 29°</p>	<p>2013 may 6 13h15.4m A13_05025 247 Eukrate PPMX 15482432 Diam = 137.0 m = 12.4 m = 14.0</p>  <p>Dur = 8.3s Dmag = 1.8 Sun: 150° Moon: 128°</p>

Occultations by major and minor planets – 2013

Region 8

<p>2013 may 6 13h16.6m A13_05058 578 Happelia UCAC2 27672229 Diam = 71.6 m = 11.8 m = 13.7</p>  <p>Dur = 7.2s Dmag = 2.1 Sun: 162° Moon: 158°</p>	<p>2013 may 6 16h 8.9m A13_05020 186 Celuta PPMX 13816997 Diam = 52.3 m = 11.0 m = 13.7</p>  <p>Dur = 4.0s Dmag = 2.7 Sun: 107° Moon: 72°</p>	<p>2013 may 7 16h25.1m A13_05039 336 Lacadiera UCAC2 23404424 Diam = 72.0 m = 12.4 m = 13.0</p>  <p>Dur = 13.8s Dmag = 1.1 Sun: 151° Moon: 125°</p>	<p>2013 may 7 17h50.4m A13_05041 363 Padua PPMX 11840781 Diam = 96.0 m = 11.8 m = 14.9</p>  <p>Dur = 5.8s Dmag = 3.2 Sun: 93° Moon: 68°</p>
<p>2013 may 8 19h16.6m A13_05038 336 Lacadiera UCAC2 23404193 Diam = 72.0 m = 11.7 m = 13.0</p>  <p>Dur = 13.2s Dmag = 1.6 Sun: 153° Moon: 139°</p>	<p>2013 may 9 17h27.3m A13_05063 635 Vundtia PPMX 10694794 Diam = 100.0 m = 11.9 m = 15.3</p>  <p>Dur = 19.5s Dmag = 3.4 Sun: 119° Moon: 117°</p>	<p>2013 may 10 16h 3.6m A13_05044 407 Arachne PPMX 13668578 Diam = 97.0 m = 11.3 m = 13.8</p>  <p>Dur = 14.7s Dmag = 2.6 Sun: 144° Moon: 151°</p>	<p>2013 may 11 20h21.5m A13_05064 636 Erika PPMX 13742154 Diam = 78.3 m = 11.8 m = 14.9</p>  <p>Dur = 18.0s Dmag = 3.1 Sun: 129° Moon: 148°</p>
<p>2013 may 12 14h35.2m A13_05067 654 Zelinda UCAC2 14437241 Diam = 132.0 m = 12.2 m = 12.4</p>  <p>Dur = 11.6s Dmag = 0.8 Sun: 155° Moon: 153°</p>	<p>2013 may 12 17h31.4m A13_05047 407 Arachne S30d 1327553 Diam = 97.0 m = 12.4 m = 13.8</p>  <p>Dur = 13.5s Dmag = 1.6 Sun: 146° Moon: 169°</p>	<p>2013 may 13 19h56.5m A13_05040 361 Bononia UCAC2 16060537 Diam = 149.0 m = 12.3 m = 16.0</p>  <p>Dur = 14.0s Dmag = 3.7 Sun: 134° Moon: 162°</p>	<p>2013 may 17 15h48.1m A13_05027 257 Silesia PPMX 12610489 Diam = 73.5 m = 11.0 m = 15.2</p>  <p>Dur = 5.2s Dmag = 4.2 Sun: 170° Moon: 105°</p>
<p>2013 may 19 16h35.5m A13_05065 640 Brambilla UCAC2 25803916 Diam = 84.8 m = 12.4 m = 14.1</p>  <p>Dur = 8.1s Dmag = 1.9 Sun: 154° Moon: 97°</p>	<p>2013 may 21 13h23.0m B13_05006 2003HE57 PPMX 11475244 Diam = 114.8 m = 14.4 m = 23.4</p>  <p>Dur = 5.3s Dmag = 9.0 Sun: 152° Moon: 22°</p>	<p>2013 may 22 14h43.5m A13_05035 327 Columbia S34b 1522735 Diam = 35.5 m = 11.3 m = 15.1</p>  <p>Dur = 5.3s Dmag = 3.8 Sun: 146° Moon: 67°</p>	<p>2013 may 24 13h16.4m A13_05061 609 Fulvia UCAC2 27114619 Diam = 56.3 m = 12.2 m = 15.2</p>  <p>Dur = 4.8s Dmag = 3.0 Sun: 170° Moon: 6°</p>

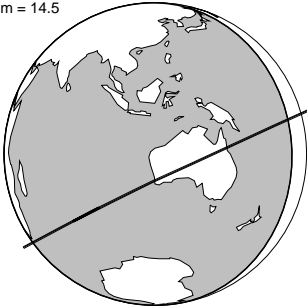
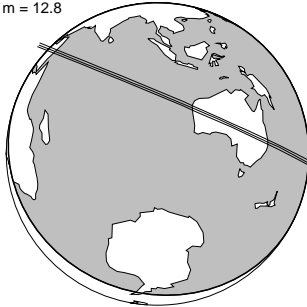
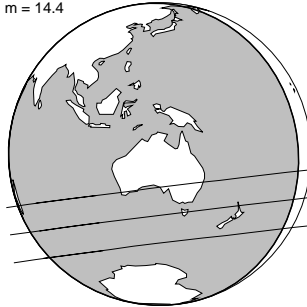
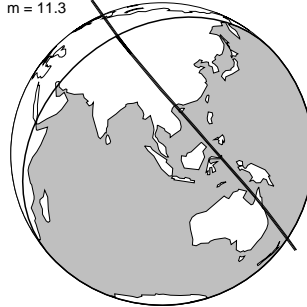
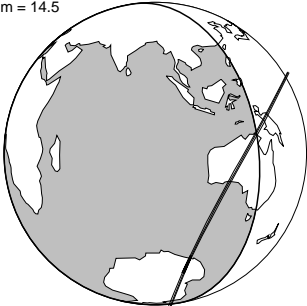
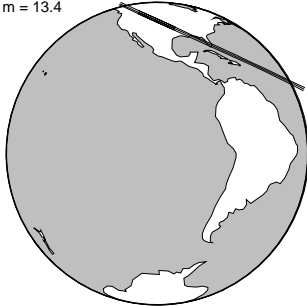
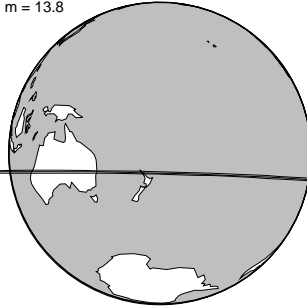
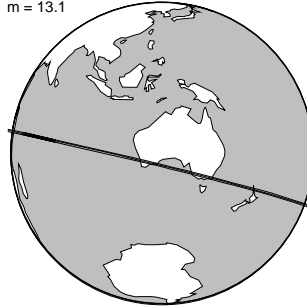
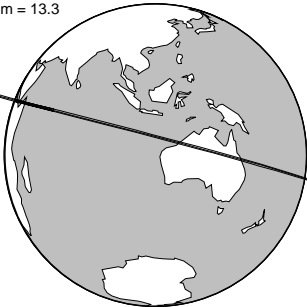
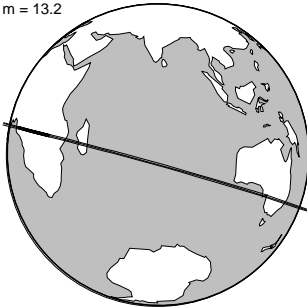
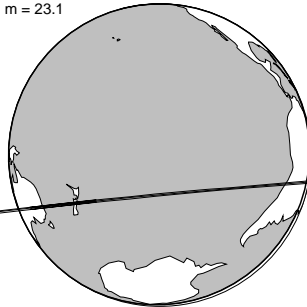
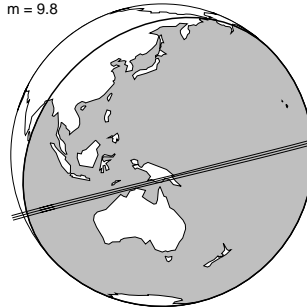
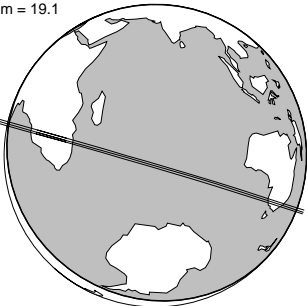
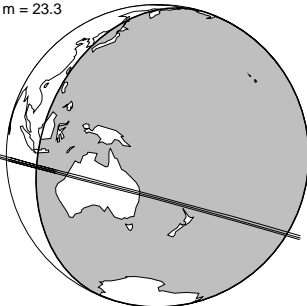
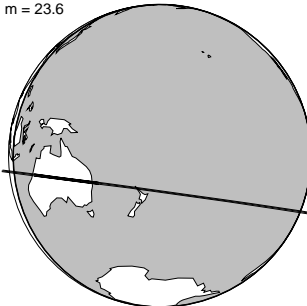
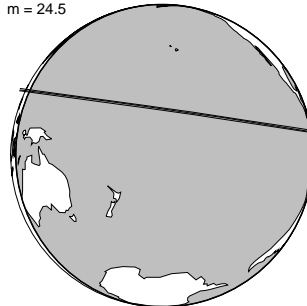
Occultations by major and minor planets – 2013

Region 8

<p>2013 may 25 8h44.9m A13_05075 10199 Chariklo S40c 1119280 Diam = 173.8 m = 12.4 m = 19.1</p> <p>Dur = 8.3s Dmag = 6.7 Sun: 157° Moon: 22°</p>	<p>2013 may 25 8h45.2m B13_05002 10199 Chariklo PPMX 14637390 Diam = 173.8 m = 13.1 m = 18.1</p> <p>Dur = 8.3s Dmag = 5.0 Sun: 157° Moon: 22°</p>	<p>2013 may 25 16h38.0m A13_05026 249 Ilse PPMX 13731972 Diam = 37.2 m = 10.6 m = 16.1</p> <p>Dur = 5.9s Dmag = 5.5 Sun: 143° Moon: 31°</p>	<p>2013 may 27 14h31.5m B13_05001 10199 Chariklo S40c 1118776 Diam = 173.8 m = 14.9 m = 18.1</p> <p>Dur = 8.2s Dmag = 3.2 Sun: 158° Moon: 32°</p>
<p>2013 may 31 11h18.2m A13_05057 571 Dulcinea S31b 1745453 Diam = 44.0 m = 11.9 m = 16.3</p> <p>Dur = 4.9s Dmag = 4.5 Sun: 153° Moon: 61°</p>	<p>2013 jun 1 18h28.5m A13_06025 96 Aegle PPMX 14608420 Diam = 174.0 m = 12.3 m = 12.8</p> <p>Dur = 14.5s Dmag = 1.0 Sun: 157° Moon: 101°</p>	<p>2013 jun 1 19h10.1m A13_06084 598 Octavia PPMX 12744670 Diam = 74.7 m = 11.1 m = 14.6</p> <p>Dur = 8.5s Dmag = 3.6 Sun: 148° Moon: 71°</p>	<p>2013 jun 3 13h20.5m A13_06047 252 Clementina PPMX 10701214 Diam = 72.1 m = 11.0 m = 15.0</p> <p>Dur = 9.5s Dmag = 4.1 Sun: 140° Moon: 85°</p>
<p>2013 jun 4 12h33.3m A13_06054 327 Columbia S34d 1391970 Diam = 35.5 m = 10.5 m = 14.9</p> <p>Dur = 3.8s Dmag = 4.4 Sun: 159° Moon: 117°</p>	<p>2013 jun 4 16h18.0m A13_06103 1424 Sundmania S32b 1911639 Diam = 74.0 m = 8.6 m = 15.1</p> <p>Dur = 6.3s Dmag = 6.6 Sun: 161° Moon: 120°</p>	<p>2013 jun 5 8h40.3m A13_06069 450 Brigitta PPMX 14718011 Diam = 35.6 m = 12.3 m = 15.7</p> <p>Dur = 3.3s Dmag = 3.4 Sun: 155° Moon: 122°</p>	<p>2013 jun 5 10h40.9m A13_06038 162 Laurentia PPMX 12640954 Diam = 105.0 m = 12.2 m = 13.8</p> <p>Dur = 8.2s Dmag = 1.8 Sun: 173° Moon: 143°</p>
<p>2013 jun 5 12h12.1m A13_06050 269 Justitia UCAC2 33226762 Diam = 54.7 m = 12.1 m = 14.8</p> <p>Dur = 6.6s Dmag = 2.7 Sun: 105° Moon: 140°</p>	<p>2013 jun 5 14h 3.8m A13_06044 249 Ilse PPMX 14724085 Diam = 37.2 m = 11.8 m = 15.8</p> <p>Dur = 4.3s Dmag = 4.1 Sun: 154° Moon: 124°</p>	<p>2013 jun 6 12h27.1m A13_06003 6 Hebe PPMX 8466394 Diam = 186.0 m = 10.2 m = 9.7</p> <p>Dur = 15.2s Dmag = 0.5 Sun: 152° Moon: 157°</p>	<p>2013 jun 6 14h 3.3m A13_06096 654 Zelinda UCAC2 16410921 Diam = 132.0 m = 12.1 m = 12.5</p> <p>Dur = 10.9s Dmag = 1.0 Sun: 156° Moon: 162°</p>

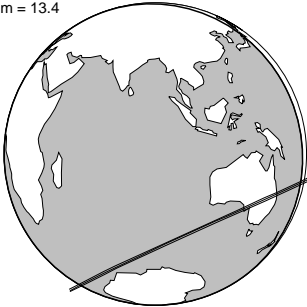
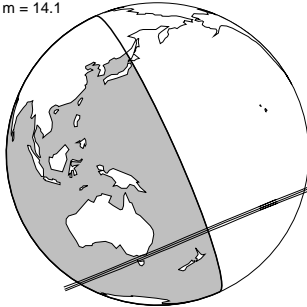
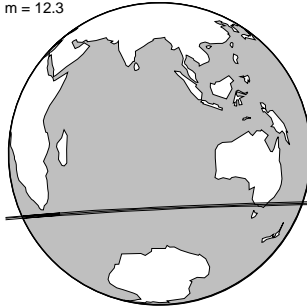
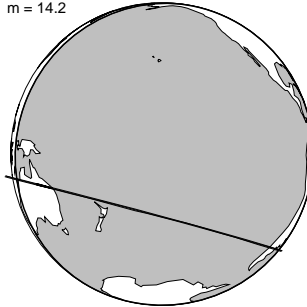
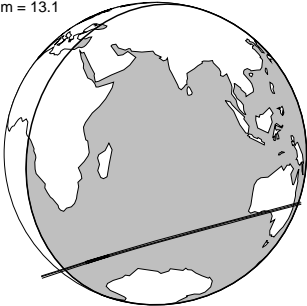
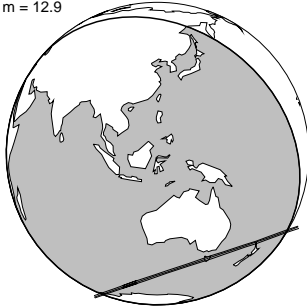
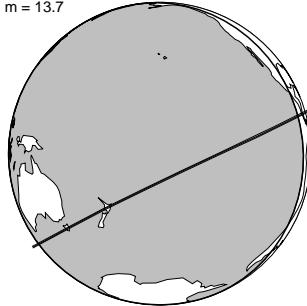
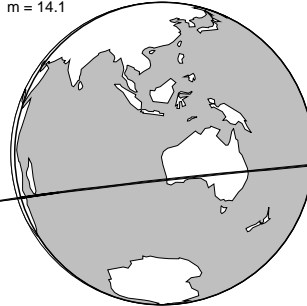
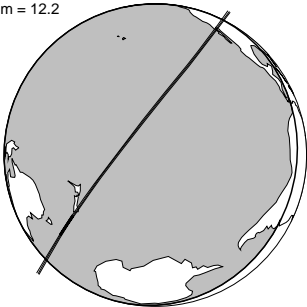
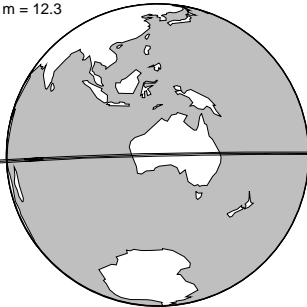
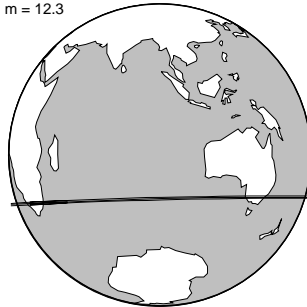
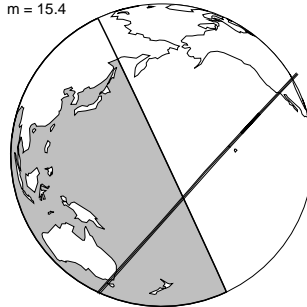
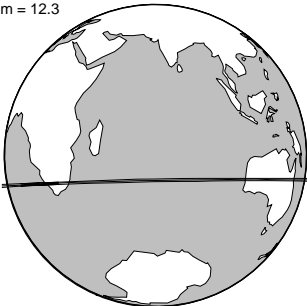
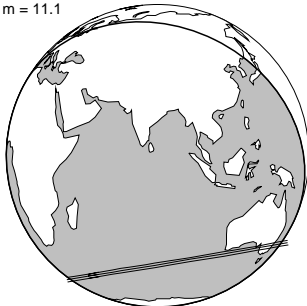
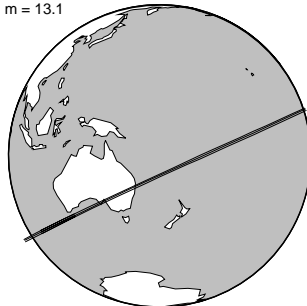
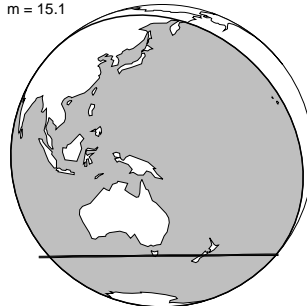
Occultations by major and minor planets – 2013

Region 8

<p>2013 jun 6 18h 5.0m A13_06085 598 Octavia UCAC2 22562089 Diam = 74.7 m = 12.2 m = 14.5</p>  <p>Dur = 7.4s Dmag = 2.4 Sun: 154° Moon: 134°</p>	<p>2013 jun 7 16h43.2m A13_06026 96 Aegle UCAC2 12954616 Diam = 174.0 m = 12.1 m = 12.8</p>  <p>Dur = 14.4s Dmag = 1.2 Sun: 156° Moon: 155°</p>	<p>2013 jun 7 16h45.8m B13_06012 134340 Pluto S19d 1634761 Diam = 2344.0 m = 14.4 m = 14.4</p>  <p>Dur = 109.2s Dmag = 0.7 Sun: 156° Moon: 146°</p>	<p>2013 jun 8 15h31.8m A13_06007 25 Phocaea PPMX 8441423 Diam = 78.0 m = 12.2 m = 11.3</p>  <p>Dur = 9.6s Dmag = 0.4 Sun: 144° Moon: 147°</p>
<p>2013 jun 8 21h22.0m A13_06056 347 Pariana PPMX 12845193 Diam = 96.4 m = 10.5 m = 14.5</p>  <p>Dur = 14.4s Dmag = 4.0 Sun: 132° Moon: 135°</p>	<p>2013 jun 9 7h22.2m A13_06098 683 Lanzia PPMX 11625676 Diam = 116.0 m = 12.0 m = 13.4</p>  <p>Dur = 8.2s Dmag = 1.7 Sun: 173° Moon: 178°</p>	<p>2013 jun 9 11h34.8m A13_06037 162 Laurentia UCAC2 19946281 Diam = 105.0 m = 12.3 m = 13.8</p>  <p>Dur = 8.2s Dmag = 1.8 Sun: 173° Moon: 165°</p>	<p>2013 jun 10 15h30.8m A13_06067 407 Arachne HIP 83871 Diam = 97.0 m = 8.0 m = 13.1</p>  <p>Dur = 8.3s Dmag = 5.2 Sun: 172° Moon: 155°</p>
<p>2013 jun 14 16h 8.9m A13_06097 675 Ludmilla PPMX 12651086 Diam = 86.7 m = 11.4 m = 13.3</p>  <p>Dur = 5.9s Dmag = 2.0 Sun: 174° Moon: 108°</p>	<p>2013 jun 14 18h19.6m A13_06068 407 Arachne PPMX 12648474 Diam = 97.0 m = 10.2 m = 13.2</p>  <p>Dur = 8.3s Dmag = 3.1 Sun: 171° Moon: 106°</p>	<p>2013 jun 15 9h51.0m B13_06003 15809 1994JS UCAC2 18506827 Diam = 91.2 m = 14.6 m = 23.1</p>  <p>Dur = 3.9s Dmag = 8.5 Sun: 168° Moon: 112°</p>	<p>2013 jun 16 12h45.7m A13_06004 6 Hebe PPMX 8460777 Diam = 186.0 m = 10.7 m = 9.8</p>  <p>Dur = 17.1s Dmag = 0.4 Sun: 145° Moon: 68°</p>
<p>2013 jun 16 18h31.1m A13_06105 10199 Chariklo S40b 1107735 Diam = 173.8 m = 12.0 m = 19.1</p>  <p>Dur = 8.0s Dmag = 7.1 Sun: 160° Moon: 80°</p>	<p>2013 jun 18 10h35.3m A13_06107 133067 2003FB128 HIP 73880 Diam = 144.5 m = 9.4 m = 23.3</p>  <p>Dur = 8.2s Dmag = 13.9 Sun: 140° Moon: 30°</p>	<p>2013 jun 18 10h42.3m B13_06015 2004KM19 PPMX 12630383 Diam = 75.9 m = 12.9 m = 23.6</p>  <p>Dur = 3.3s Dmag = 10.7 Sun: 165° Moon: 55°</p>	<p>2013 jun 19 9h42.5m A13_06109 2010LQ68 PPMX 12632052 Diam = 100.0 m = 12.3 m = 24.5</p>  <p>Dur = 4.3s Dmag = 12.3 Sun: 165° Moon: 42°</p>

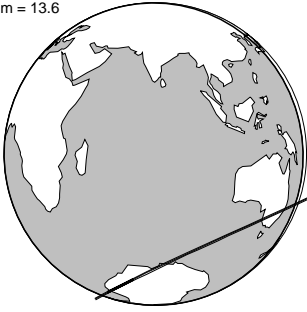
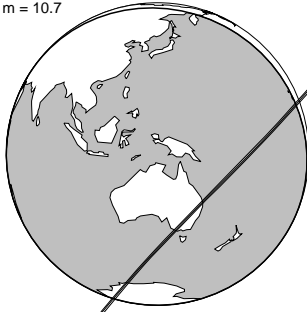
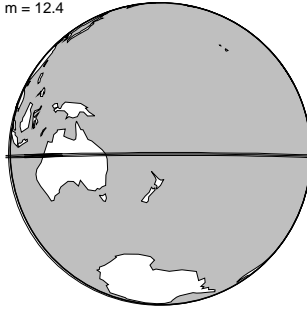
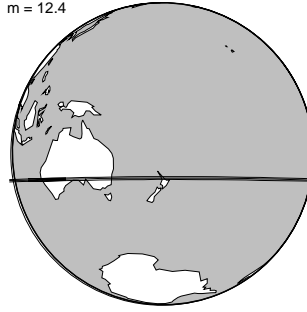
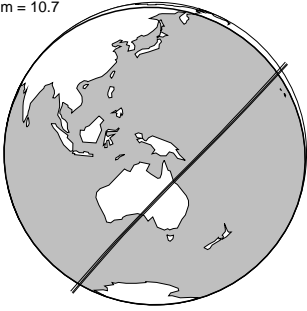
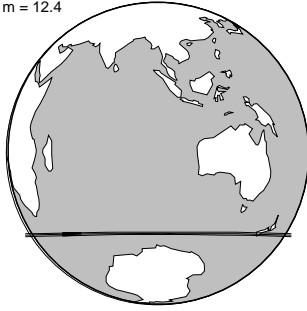
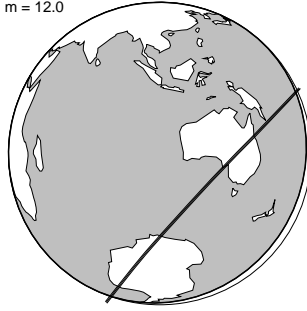
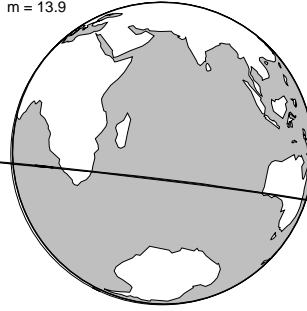
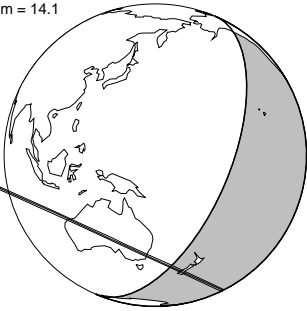
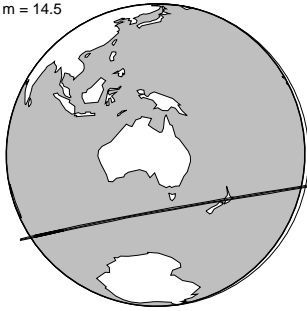
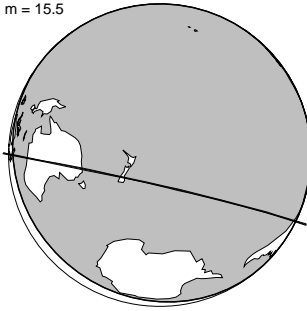
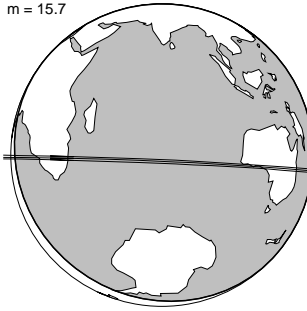
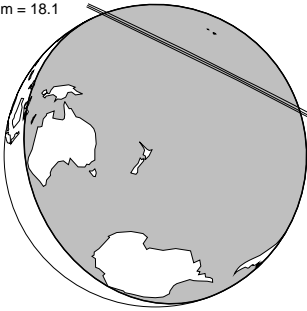
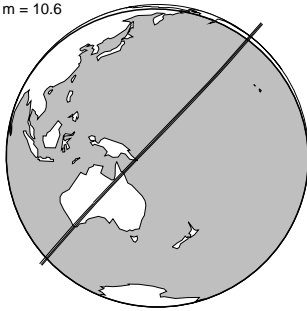
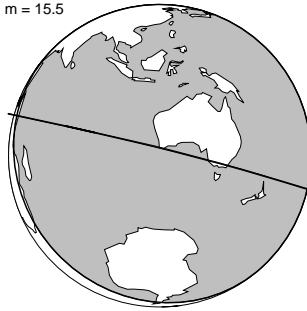
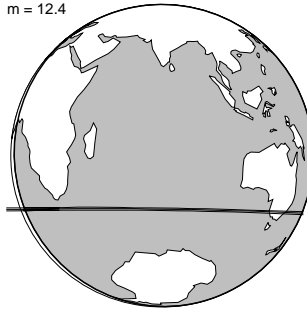
Occultations by major and minor planets – 2013

Region 8

<p>2013 jun 19 18h58.4m A13_06088 618 Elfriede UCAC2 25635015 Diam = 124.0 m = 12.4 m = 13.4</p>  <p>Dur = 9.8s Dmag = 1.3 Sun: 165° Moon: 65°</p>	<p>2013 jun 20 19h 4.1m A13_06042 238 Hypatia PPMX 8944281 Diam = 156.0 m = 10.6 m = 14.1</p>  <p>Dur = 11.5s Dmag = 3.5 Sun: 96° Moon: 121°</p>	<p>2013 jun 22 18h16.8m A13_06014 37 Fides PPMX 12706786 Diam = 112.0 m = 12.2 m = 12.3</p>  <p>Dur = 8.2s Dmag = 0.8 Sun: 174° Moon: 15°</p>	<p>2013 jun 23 9h19.4m A13_06064 403 Cyane HIP 83813 Diam = 51.3 m = 8.8 m = 14.2</p>  <p>Dur = 4.3s Dmag = 5.4 Sun: 165° Moon: 13°</p>
<p>2013 jun 24 17h14.2m A13_06081 579 Sidonia UCAC2 25331343 Diam = 89.6 m = 11.8 m = 13.1</p>  <p>Dur = 10.4s Dmag = 1.7 Sun: 147° Moon: 50°</p>	<p>2013 jun 24 17h27.1m A13_06033 148 Gallia N02a 1267256 Diam = 104.0 m = 11.4 m = 12.9</p>  <p>Dur = 9.6s Dmag = 1.7 Sun: 146° Moon: 20°</p>	<p>2013 jun 25 11h52.8m A13_06076 559 Nanon UCAC2 24233466 Diam = 80.0 m = 12.2 m = 13.7</p>  <p>Dur = 8.3s Dmag = 1.8 Sun: 161° Moon: 10°</p>	<p>2013 jun 25 15h30.9m A13_06078 563 Suleika PPMX 12656634 Diam = 54.8 m = 12.3 m = 14.1</p>  <p>Dur = 3.8s Dmag = 2.0 Sun: 166° Moon: 44°</p>
<p>2013 jun 27 11h 1.8m A13_06070 455 Bruchsalia UCAC2 18549462 Diam = 87.5 m = 12.2 m = 12.2</p>  <p>Dur = 10.8s Dmag = 0.8 Sun: 158° Moon: 40°</p>	<p>2013 jun 27 15h30.2m A13_06017 37 Fides PPMX 12696938 Diam = 112.0 m = 12.1 m = 12.3</p>  <p>Dur = 8.2s Dmag = 0.8 Sun: 174° Moon: 61°</p>	<p>2013 jun 27 17h32.3m A13_06016 37 Fides S28a 1899327 Diam = 112.0 m = 10.6 m = 12.3</p>  <p>Dur = 8.2s Dmag = 1.9 Sun: 174° Moon: 63°</p>	<p>2013 jun 27 17h50.4m A13_06079 568 Cheruskia PPMX 6783143 Diam = 89.7 m = 10.6 m = 15.4</p>  <p>Dur = 4.7s Dmag = 4.7 Sun: 90° Moon: 33°</p>
<p>2013 jun 28 19h 0.1m A13_06015 37 Fides S28a 1885152 Diam = 112.0 m = 11.6 m = 12.3</p>  <p>Dur = 8.2s Dmag = 1.1 Sun: 173° Moon: 77°</p>	<p>2013 jun 28 19h28.2m A13_06020 41 Daphne PPMX 8698559 Diam = 182.0 m = 12.2 m = 11.1</p>  <p>Dur = 23.3s Dmag = 0.3 Sun: 148° Moon: 57°</p>	<p>2013 jun 29 13h16.8m A13_06089 618 Elfriede S17d 1863743 Diam = 124.0 m = 11.3 m = 13.1</p>  <p>Dur = 9.2s Dmag = 2.1 Sun: 174° Moon: 79°</p>	<p>2013 jun 29 15h34.2m A13_06087 611 Valeria UCAC2 31240423 Diam = 59.0 m = 11.9 m = 15.1</p>  <p>Dur = 5.3s Dmag = 3.2 Sun: 149° Moon: 58°</p>

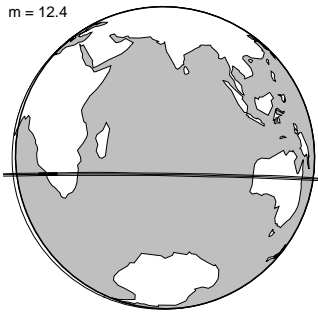
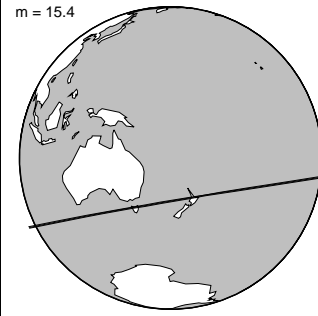
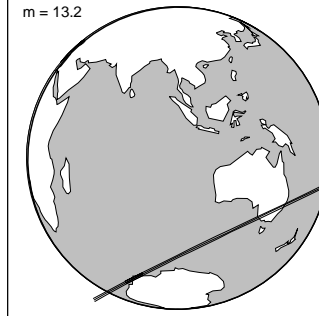
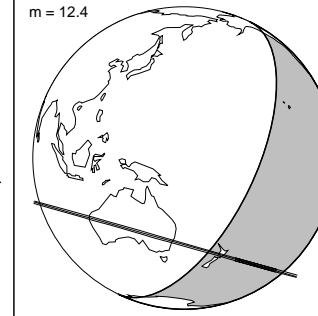
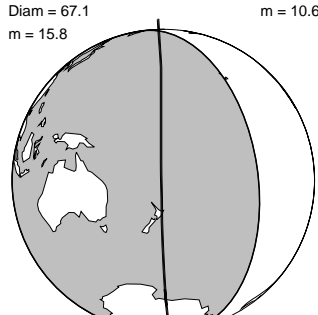
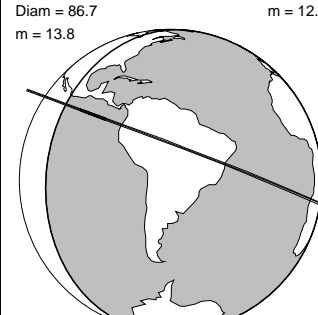
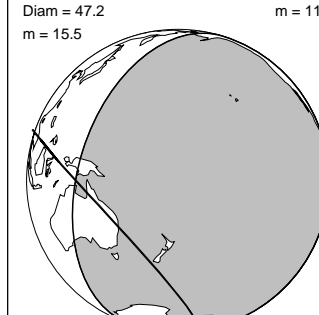
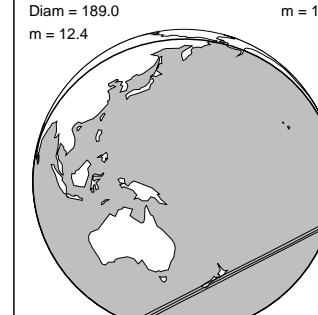
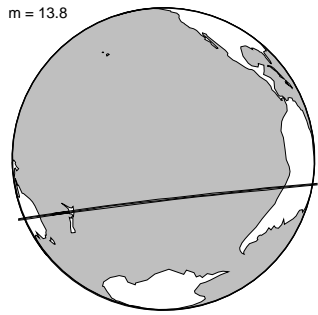
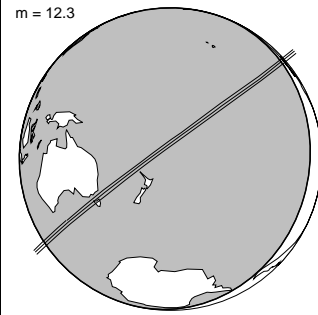
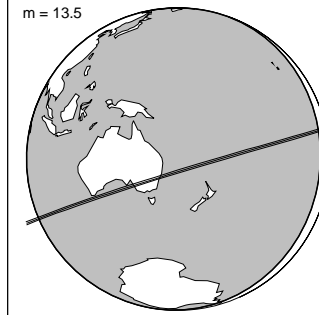
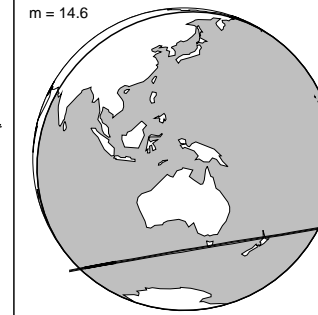
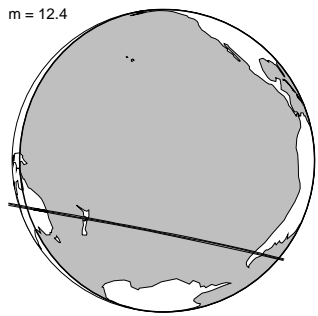
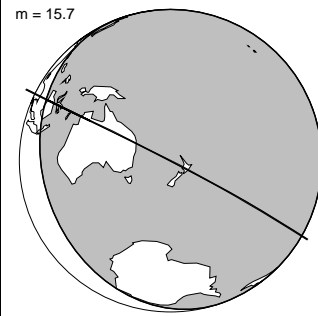
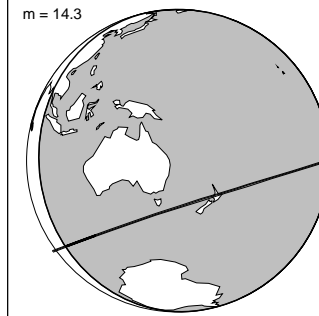
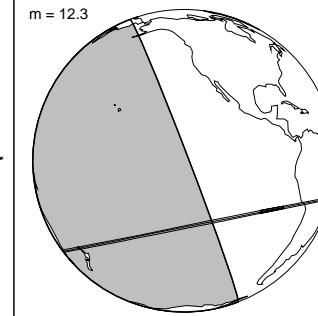
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<p>2013 jun 30 19h46.0m A13_06077 559 Nanon PPMX 11742746 Diam = 80.0 m = 11.8 m = 13.6</p>  <p>Dur = 7.7s Dmag = 2.0 Sun: 167° Moon: 85°</p>	<p>2013 jul 1 15h47.9m A13_07077 387 Aquitania PPMX 10703046 Diam = 106.0 m = 12.1 m = 10.7</p>  <p>Dur = 11.8s Dmag = 0.3 Sun: 162° Moon: 95°</p>	<p>2013 jul 2 11h41.0m A13_07016 37 Fides S28a 1842099 Diam = 112.0 m = 12.3 m = 12.4</p>  <p>Dur = 8.4s Dmag = 0.8 Sun: 170° Moon: 125°</p>	<p>2013 jul 2 11h48.1m A13_07015 37 Fides PPMX 12688651 Diam = 112.0 m = 12.3 m = 12.4</p>  <p>Dur = 8.4s Dmag = 0.8 Sun: 170° Moon: 125°</p>
<p>2013 jul 2 15h21.9m A13_07076 387 Aquitania PPMX 10702419 Diam = 106.0 m = 9.8 m = 10.7</p>  <p>Dur = 11.6s Dmag = 1.3 Sun: 163° Moon: 108°</p>	<p>2013 jul 2 16h59.0m A13_07014 37 Fides S28a 1839739 Diam = 112.0 m = 10.9 m = 12.4</p>  <p>Dur = 8.4s Dmag = 1.7 Sun: 170° Moon: 128°</p>	<p>2013 jul 2 18h 5.8m A13_07091 455 Bruchsalia HIP 97523 Diam = 87.5 m = 8.5 m = 12.0</p>  <p>Dur = 10.3s Dmag = 3.5 Sun: 163° Moon: 107°</p>	<p>2013 jul 2 19h15.3m A13_07032 123 Brunhild S28c 1599699 Diam = 49.8 m = 12.0 m = 13.9</p>  <p>Dur = 3.8s Dmag = 2.1 Sun: 169° Moon: 129°</p>
<p>2013 jul 3 5h46.1m A13_07052 192 Nausikaa PPMX 8335842 Diam = 107.0 m = 11.1 m = 14.1</p>  <p>Dur = 3.7s Dmag = 3.0 Sun: 60° Moon: 115°</p>	<p>2013 jul 3 15h44.4m A13_07067 333 Badenia UCAC2 21205159 Diam = 81.5 m = 11.4 m = 14.5</p>  <p>Dur = 7.3s Dmag = 3.1 Sun: 166° Moon: 117°</p>	<p>2013 jul 4 10h26.7m A13_07059 249 Ilse PPMX 14683899 Diam = 37.2 m = 11.8 m = 15.5</p>  <p>Dur = 3.6s Dmag = 3.7 Sun: 160° Moon: 147°</p>	<p>2013 jul 4 18h 2.3m A13_07070 361 Bononia PPMX 14688479 Diam = 149.0 m = 11.1 m = 15.7</p>  <p>Dur = 9.0s Dmag = 4.6 Sun: 160° Moon: 149°</p>
<p>2013 jul 5 9h54.4m B13_07001 10199 Chariklo S40a 1072835 Diam = 173.8 m = 14.3 m = 18.1</p>  <p>Dur = 9.0s Dmag = 3.9 Sun: 147° Moon: 160°</p>	<p>2013 jul 5 13h50.4m A13_07078 387 Aquitania PPMX 10700589 Diam = 106.0 m = 11.8 m = 10.6</p>  <p>Dur = 11.2s Dmag = 0.3 Sun: 165° Moon: 143°</p>	<p>2013 jul 5 15h15.5m A13_07058 249 Ilse S37c 1674561 Diam = 37.2 m = 12.2 m = 15.5</p>  <p>Dur = 3.6s Dmag = 3.4 Sun: 159° Moon: 158°</p>	<p>2013 jul 5 18h 3.6m A13_07013 37 Fides S28a 1805424 Diam = 112.0 m = 11.2 m = 12.4</p>  <p>Dur = 8.6s Dmag = 1.6 Sun: 166° Moon: 163°</p>

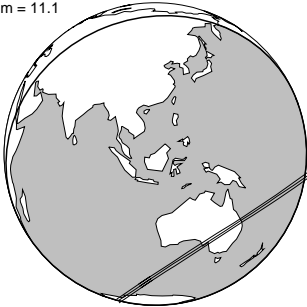
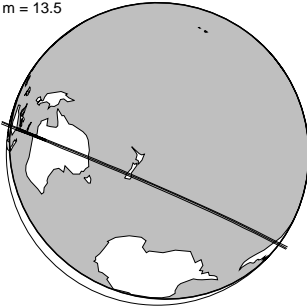
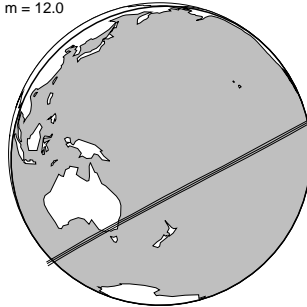
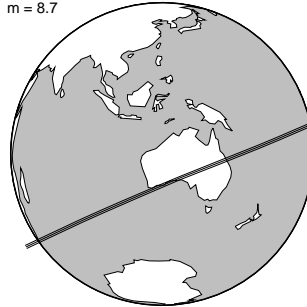
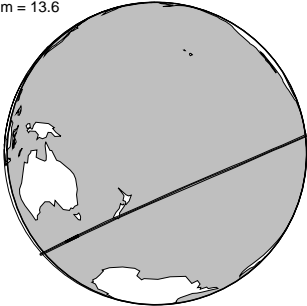
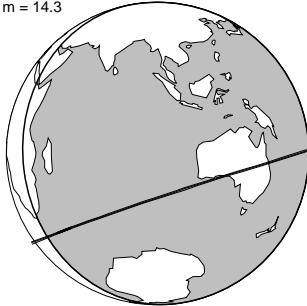
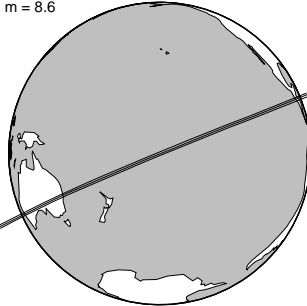
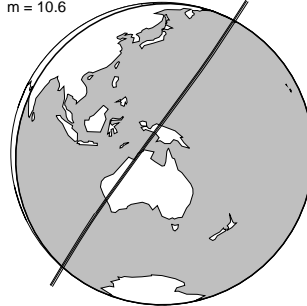
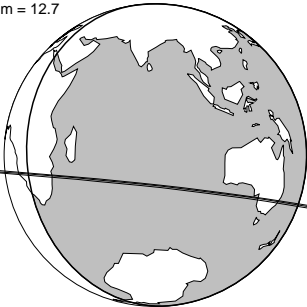
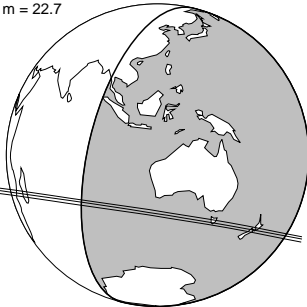
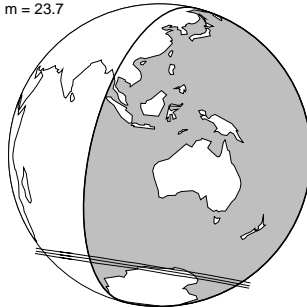
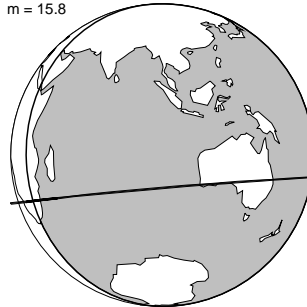
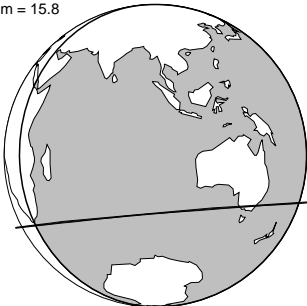
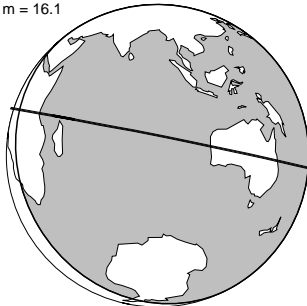
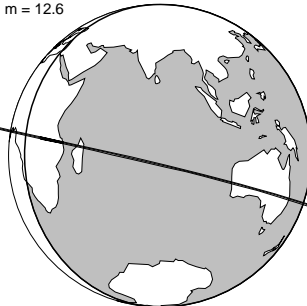
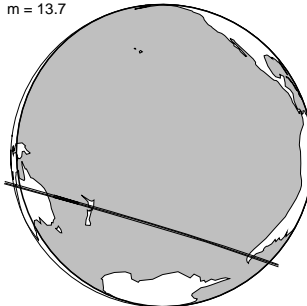
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<p>2013 jul 5 18h23.4m A13_07012 37 Fides PPMX 12684201 Diam = 112.0 m = 11.8 m = 12.4</p>  <p>Dur = 8.6s Dmag = 1.1 Sun: 166° Moon: 163°</p>	<p>2013 jul 7 12h56.4m A13_07104 580 Selene PPMX 12748529 Diam = 54.7 m = 9.8 m = 15.4</p>  <p>Dur = 3.9s Dmag = 5.6 Sun: 177° Moon: 172°</p>	<p>2013 jul 7 16h59.8m A13_07114 618 Elfriede PPMX 11677170 Diam = 124.0 m = 12.0 m = 13.2</p>  <p>Dur = 9.2s Dmag = 1.6 Sun: 171° Moon: 179°</p>	<p>2013 jul 8 5h33.2m A13_07009 12 Victoria UCAC2 31686823 Diam = 117.0 m = 12.5 m = 12.4</p>  <p>Dur = 3.9s Dmag = 0.7 Sun: 61° Moon: 62°</p>
<p>2013 jul 8 15h58.2m A13_07105 581 Tauntonia PPMX 12912826 Diam = 67.1 m = 10.6 m = 15.8</p>  <p>Dur = 6.0s Dmag = 5.3 Sun: 128° Moon: 130°</p>	<p>2013 jul 10 1h38.5m A13_07115 675 Ludmilla UCAC2 22947858 Diam = 86.7 m = 12.3 m = 13.8</p>  <p>Dur = 8.5s Dmag = 1.8 Sun: 145° Moon: 126°</p>	<p>2013 jul 10 8h41.9m A13_07118 726 Joëlla UCAC2 26906267 Diam = 47.2 m = 11.9 m = 15.5</p>  <p>Dur = 9.3s Dmag = 3.6 Sun: 131° Moon: 109°</p>	<p>2013 jul 10 13h33.2m A13_07033 130 Elektra S01b 1098857 Diam = 189.0 m = 12.4 m = 12.4</p>  <p>Dur = 13.6s Dmag = 0.7 Sun: 159° Moon: 153°</p>
<p>2013 jul 14 8h41.5m A13_07024 66 Maja PPMX 12767993 Diam = 78.3 m = 9.6 m = 13.8</p>  <p>Dur = 6.3s Dmag = 4.2 Sun: 173° Moon: 107°</p>	<p>2013 jul 14 13h15.5m A13_07090 423 Diotima UCAC2 19047288 Diam = 217.0 m = 12.4 m = 12.3</p>  <p>Dur = 19.7s Dmag = 0.7 Sun: 156° Moon: 126°</p>	<p>2013 jul 16 14h50.3m A13_07028 81 Terpsichore PPMX 12866225 Diam = 124.0 m = 11.5 m = 13.5</p>  <p>Dur = 11.4s Dmag = 2.1 Sun: 160° Moon: 101°</p>	<p>2013 jul 17 14h14.0m A13_07062 252 Clementina PPMX 10668967 Diam = 72.1 m = 11.5 m = 14.6</p>  <p>Dur = 6.2s Dmag = 3.2 Sun: 160° Moon: 60°</p>
<p>2013 jul 18 8h19.8m A13_07085 389 Industria PPMX 12725475 Diam = 81.0 m = 11.9 m = 12.4</p>  <p>Dur = 8.2s Dmag = 1.0 Sun: 161° Moon: 43°</p>	<p>2013 jul 18 10h42.8m A13_07061 249 Ilse PPMX 13671588 Diam = 37.2 m = 12.1 m = 15.7</p>  <p>Dur = 4.4s Dmag = 3.6 Sun: 147° Moon: 34°</p>	<p>2013 jul 18 11h59.7m A13_07107 598 Octavia S26b 1617345 Diam = 74.7 m = 12.1 m = 14.3</p>  <p>Dur = 6.8s Dmag = 2.3 Sun: 156° Moon: 36°</p>	<p>2013 jul 18 14h32.4m A13_07021 42 Isis HIP 8098 Diam = 107.0 m = 9.0 m = 12.3</p>  <p>Dur = 6.0s Dmag = 3.4 Sun: 91° Moon: 145°</p>

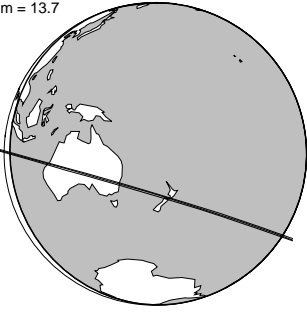
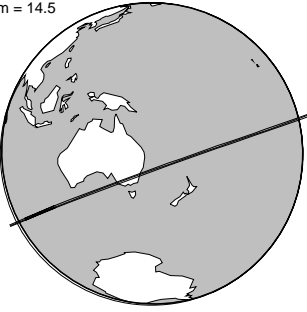
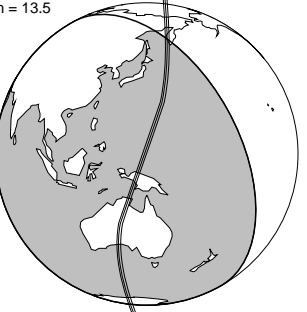
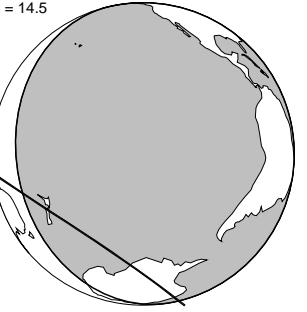
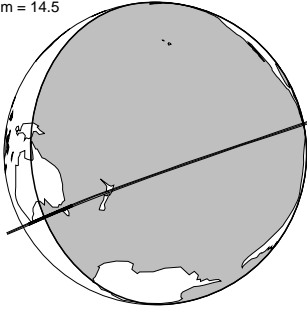
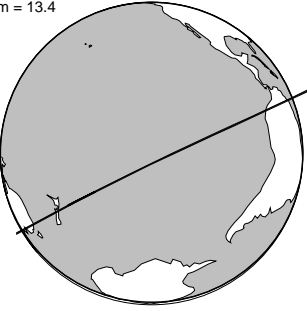
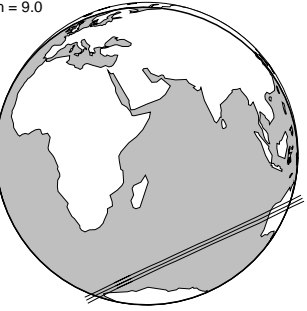
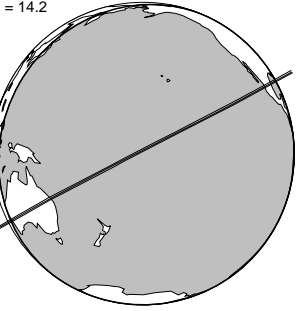
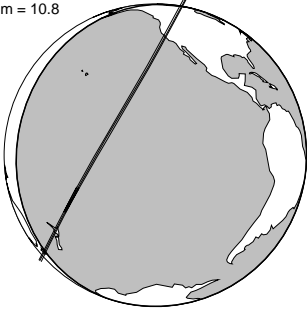
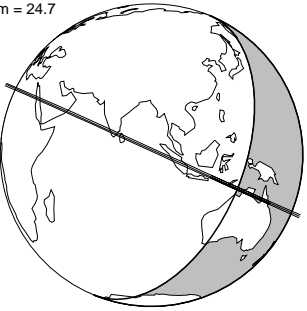
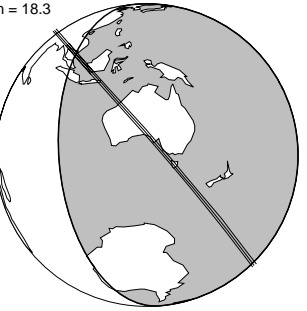
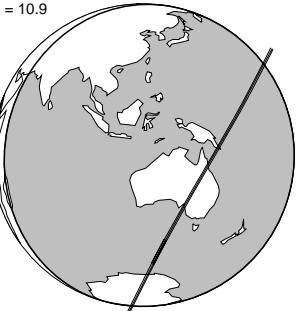
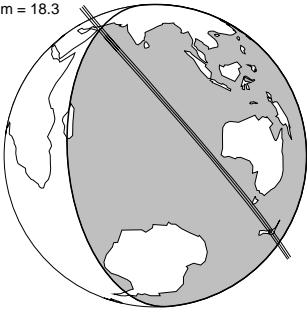
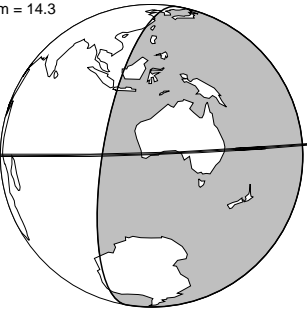
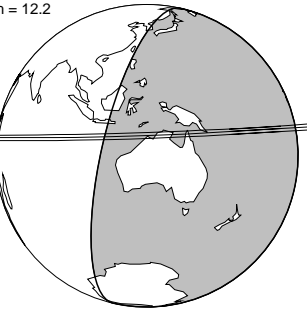
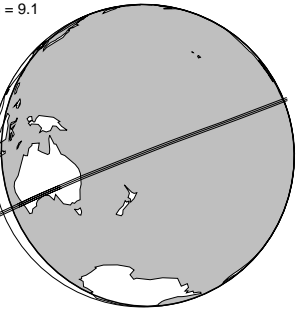
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<p>2013 jul 18 15h53.7m A13_07020 41 Daphne PPMX 8668069 Diam = 182.0 m = 12.4 m = 11.1</p>  <p>Dur = 19.4s Dmag = 0.3 Sun: 154° Moon: 55°</p>	<p>2013 jul 19 10h57.5m A13_07119 773 Irmintraud PPMX 14756272 Diam = 99.1 m = 10.3 m = 13.5</p>  <p>Dur = 8.6s Dmag = 3.3 Sun: 159° Moon: 37°</p>	<p>2013 jul 20 11h59.8m A13_07050 173 Ino PPMX 10697207 Diam = 159.0 m = 12.5 m = 12.0</p>  <p>Dur = 13.7s Dmag = 0.5 Sun: 163° Moon: 25°</p>	<p>2013 jul 20 15h54.5m A13_07006 8 Flora UCAC2 23260136 Diam = 141.0 m = 12.1 m = 8.7</p>  <p>Dur = 14.4s Dmag = 0.0 Sun: 178° Moon: 29°</p>
<p>2013 jul 21 10h37.2m A13_07095 559 Nanon PPMX 11720599 Diam = 80.0 m = 12.3 m = 13.6</p>  <p>Dur = 7.6s Dmag = 1.6 Sun: 168° Moon: 8°</p>	<p>2013 jul 21 15h43.0m A13_07108 598 Octavia S26c 1598934 Diam = 74.7 m = 11.9 m = 14.3</p>  <p>Dur = 7.2s Dmag = 2.5 Sun: 152° Moon: 13°</p>	<p>2013 jul 22 10h29.2m A13_07007 8 Flora UCAC2 23022509 Diam = 141.0 m = 11.7 m = 8.6</p>  <p>Dur = 14.4s Dmag = 0.1 Sun: 176° Moon: 6°</p>	<p>2013 jul 22 13h44.1m A13_07080 387 Aquitania PPMX 10689365 Diam = 106.0 m = 12.3 m = 10.6</p>  <p>Dur = 10.5s Dmag = 0.2 Sun: 163° Moon: 12°</p>
<p>2013 jul 22 16h18.7m A13_07019 37 Fides PPMX 12667667 Diam = 112.0 m = 12.1 m = 12.7</p>  <p>Dur = 11.6s Dmag = 1.1 Sun: 148° Moon: 32°</p>	<p>2013 jul 23 11h52.0m B13_07009 2004HD79 PPMX 11545450 Diam = 229.1 m = 13.1 m = 22.7</p>  <p>Dur = 25.2s Dmag = 9.6 Sun: 117° Moon: 73°</p>	<p>2013 jul 23 11h53.6m A13_07127 2004HD79 UCAC2 24857007 Diam = 229.1 m = 12.3 m = 23.7</p>  <p>Dur = 25.2s Dmag = 11.4 Sun: 117° Moon: 73°</p>	<p>2013 jul 23 15h41.6m A13_07073 383 Janina S23d 1535959 Diam = 49.7 m = 12.5 m = 15.8</p>  <p>Dur = 4.3s Dmag = 3.4 Sun: 153° Moon: 39°</p>
<p>2013 jul 23 15h49.1m A13_07072 383 Janina S23d 1535912 Diam = 49.7 m = 15.8 m = 12.0</p>  <p>Dur = 4.3s Dmag = 3.8 Sun: 153° Moon: 39°</p>	<p>2013 jul 23 16h37.0m A13_07120 778 Theobalda PPMX 13737980 Diam = 67.3 m = 11.4 m = 16.1</p>  <p>Dur = 4.4s Dmag = 4.8 Sun: 156° Moon: 38°</p>	<p>2013 jul 25 16h46.3m A13_07086 389 Industria S22b 1884932 Diam = 81.0 m = 12.3 m = 12.6</p>  <p>Dur = 9.6s Dmag = 0.9 Sun: 153° Moon: 67°</p>	<p>2013 jul 26 8h47.0m A13_07102 576 Emanuela HIP 94645 Diam = 86.0 m = 13.7 m = 6.4</p>  <p>Dur = 9.4s Dmag = 7.3 Sun: 163° Moon: 66°</p>

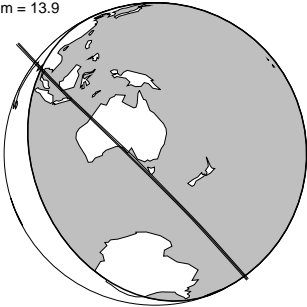
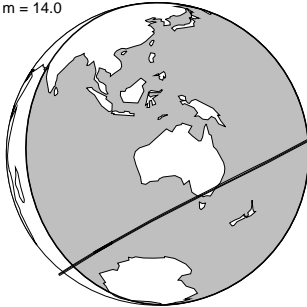
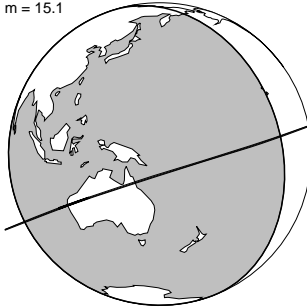
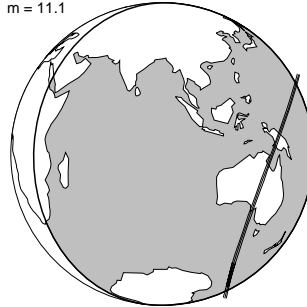
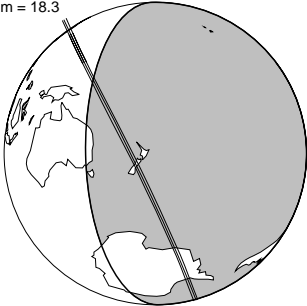
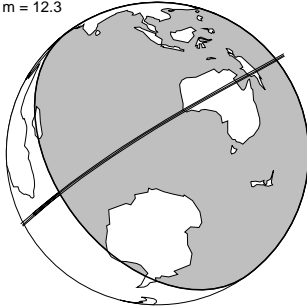
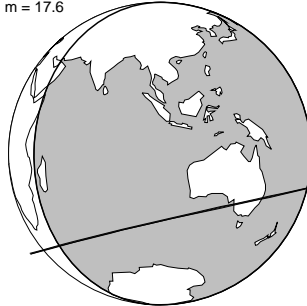
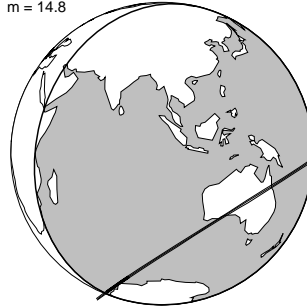
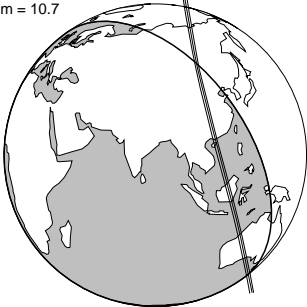
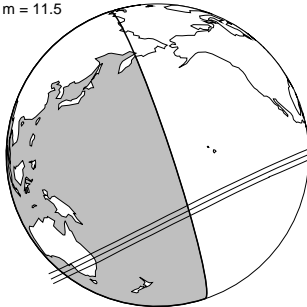
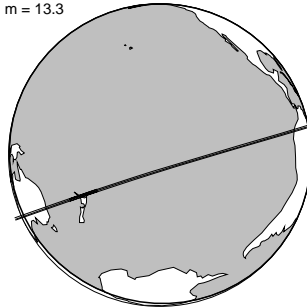
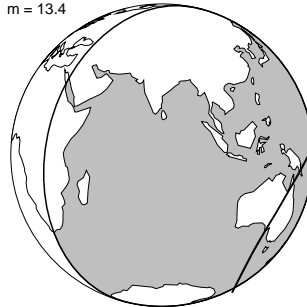
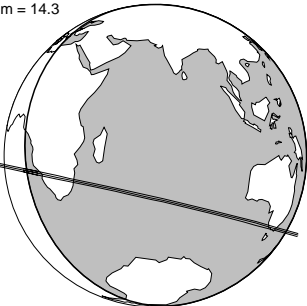
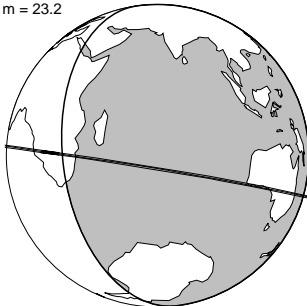
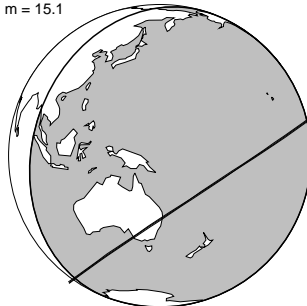
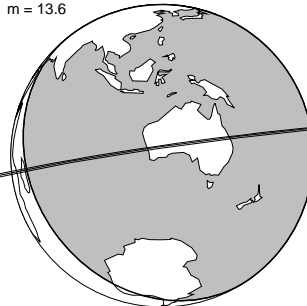
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<p>2013 jul 26 11h48.0m A13_07101 576 Emanuela UCAC2 22105646 Diam = 86.0 m = 12.0 m = 13.7</p>  <p>Dur = 9.5s Dmag = 1.9 Sun: 163° Moon: 67°</p>	<p>2013 jul 26 13h 8.7m A13_07122 866 Fatme UCAC2 20978815 Diam = 91.7 m = 14.5</p>  <p>Dur = 7.7s Dmag = 2.4 Sun: 169° Moon: 61°</p>	<p>2013 jul 26 17h45.6m A13_07056 238 Hypatia PPMX 8949662 Diam = 156.0 m = 11.8 m = 13.5</p>  <p>Dur = 110.0s Dmag = 2.0 Sun: 127° Moon: 4°</p>	<p>2013 jul 27 6h24.9m A13_07046 170 Maria PPMX 13694329 Diam = 46.2 m = 14.5</p>  <p>Dur = 4.8s Dmag = 2.4 Sun: 146° Moon: 94°</p>
<p>2013 jul 28 8h24.5m A13_07112 598 Octavia S27a 1867585 Diam = 74.7 m = 11.8 m = 14.5</p>  <p>Dur = 8.6s Dmag = 2.7 Sun: 145° Moon: 108°</p>	<p>2013 jul 28 8h43.6m A13_07054 237 Coelestina PPMX 12838589 Diam = 44.0 m = 10.7 m = 13.4</p>  <p>Dur = 4.2s Dmag = 2.8 Sun: 169° Moon: 78°</p>	<p>2013 jul 28 21h 2.1m A13_07003 3 Juno UCAC2 30447109 Diam = 267.0 m = 12.1 m = 9.0</p>  <p>Dur = 22.2s Dmag = 0.1 Sun: 164° Moon: 73°</p>	<p>2013 jul 29 9h56.5m A13_07051 181 Eucharis PPMX 10703443 Diam = 107.0 m = 12.2 m = 14.2</p>  <p>Dur = 6.7s Dmag = 2.1 Sun: 160° Moon: 101°</p>
<p>2013 jul 30 6h55.3m A13_07084 387 Aquitania PPMX 10684191 Diam = 106.0 m = 12.3 m = 10.8</p>  <p>Dur = 11.0s Dmag = 0.2 Sun: 156° Moon: 118°</p>	<p>2013 jul 30 9h20.0m A13_07126 2002CT154 PPMX 8358502 Diam = 120.2 m = 9.8 m = 24.7</p>  <p>Dur = 5.3s Dmag = 14.9 Sun: 52° Moon: 135°</p>	<p>2013 jul 30 11h22.0m B13_07003 10199 Chariklo S39b 1032324 Diam = 173.8 m = 14.3 m = 18.3</p>  <p>Dur = 12.9s Dmag = 4.0 Sun: 125° Moon: 147°</p>	<p>2013 jul 30 14h31.3m A13_07083 387 Aquitania UCAC2 26547568 Diam = 106.0 m = 12.4 m = 10.9</p>  <p>Dur = 11.0s Dmag = 0.2 Sun: 156° Moon: 122°</p>
<p>2013 jul 30 14h34.6m B13_07002 10199 Chariklo S39b 1032212 Diam = 173.8 m = 18.3</p>  <p>Dur = 12.9s Dmag = 3.6 Sun: 125° Moon: 148°</p>	<p>2013 jul 31 10h48.2m A13_07121 784 Pickeringia PPMX 13578754 Diam = 90.0 m = 10.5 m = 14.3</p>  <p>Dur = 8.5s Dmag = 3.8 Sun: 108° Moon: 164°</p>	<p>2013 aug 1 10h29.2m A13_08017 88 Thisbe PPMX 11538829 Diam = 232.0 m = 10.5 m = 12.2</p>  <p>Dur = 25.7s Dmag = 1.9 Sun: 107° Moon: 167°</p>	<p>2013 aug 6 10h34.9m A13_08003 8 Flora UCAC2 22348847 Diam = 141.0 m = 12.0 m = 9.1</p>  <p>Dur = 17.0s Dmag = 0.1 Sun: 158° Moon: 163°</p>

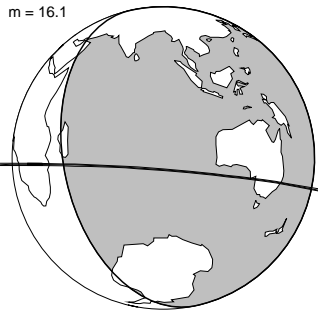
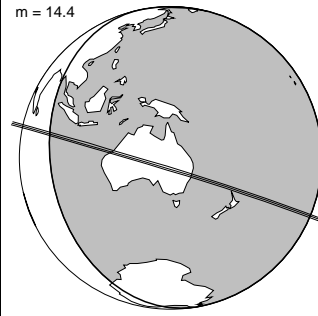
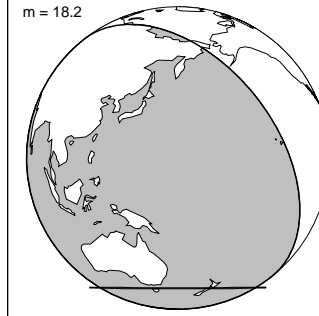
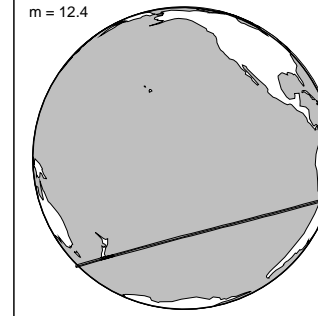
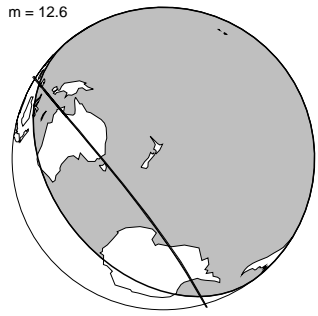
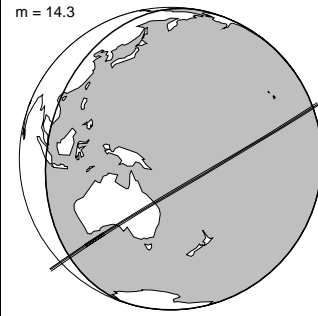
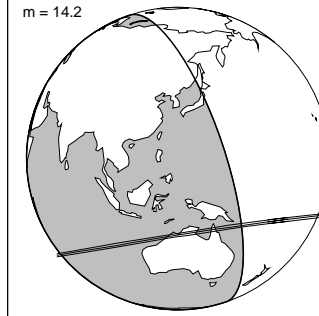
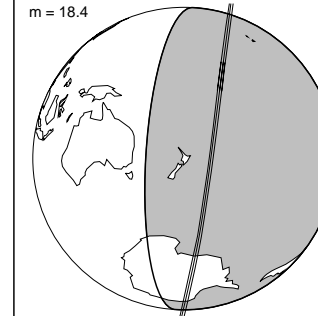
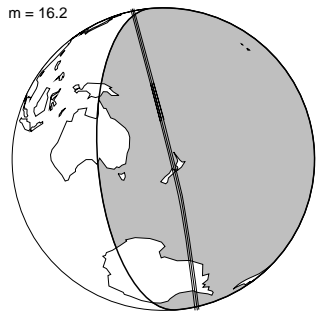
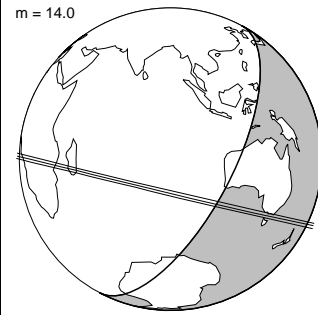
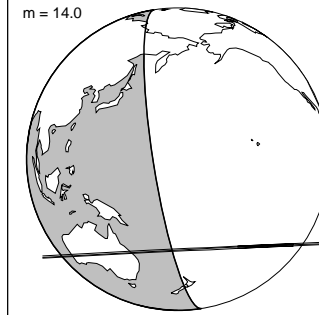
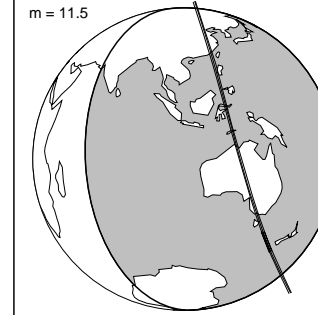
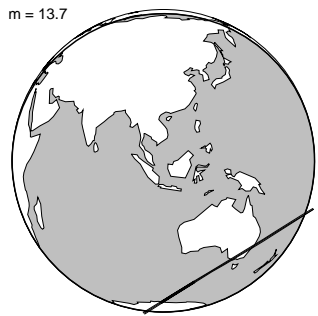
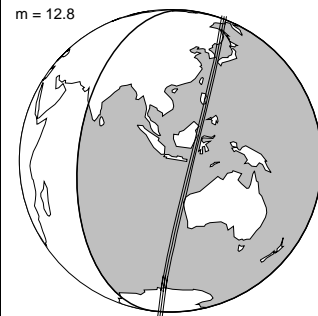
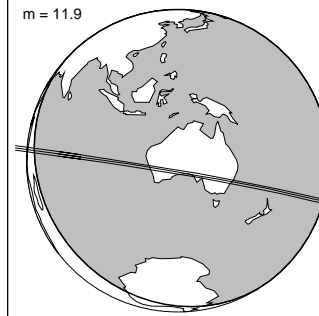
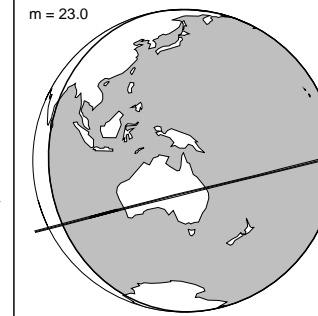
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<p>2013 aug 6 11h55.1m A13_08096 773 Irmintraud PPMX 13740749 Diam = 99.1 m = 12.3 m = 13.9</p>  <p>Dur = 10.2s Dmag = 1.8 Sun: 144° Moon: 146°</p>	<p>2013 aug 6 13h48.5m A13_08074 559 Nanon PPMX 12752253 Diam = 80.0 m = 11.8 m = 14.0</p>  <p>Dur = 10.7s Dmag = 2.3 Sun: 150° Moon: 153°</p>	<p>2013 aug 6 16h 8.1m A13_08041 302 Clarissa HIP 116060 Diam = 47.0 m = 6.6 m = 15.1</p>  <p>Dur = 10.7s Dmag = 8.5 Sun: 143° Moon: 140°</p>	<p>2013 aug 7 15h51.5m A13_08049 387 Aquitania UCAC2 25639529 Diam = 106.0 m = 12.2 m = 11.1</p>  <p>Dur = 12.0s Dmag = 0.3 Sun: 147° Moon: 140°</p>
<p>2013 aug 8 7h30.2m B13_08001 10199 Chariklo S39a 1016561 Diam = 173.8 m = 14.9 m = 18.3</p>  <p>Dur = 15.1s Dmag = 3.5 Sun: 117° Moon: 101°</p>	<p>2013 aug 8 14h39.5m A13_08030 164 Eva S52a 2241530 Diam = 110.0 m = 12.0 m = 12.3</p>  <p>Dur = 19.3s Dmag = 0.9 Sun: 133° Moon: 115°</p>	<p>2013 aug 8 14h56.8m B13_08005 60558 Echeclus S18b 1797994 Diam = 43.7 m = 14.9 m = 17.6</p>  <p>Dur = 3.8s Dmag = 2.9 Sun: 146° Moon: 127°</p>	<p>2013 aug 9 15h24.2m A13_08082 589 Croatia PPMX 10686691 Diam = 92.5 m = 12.1 m = 14.8</p>  <p>Dur = 9.5s Dmag = 2.8 Sun: 146° Moon: 118°</p>
<p>2013 aug 9 21h10.2m A13_08018 89 Julia PPMX 5787525 Diam = 159.0 m = 12.1 m = 10.7</p>  <p>Dur = 17.7s Dmag = 0.3 Sun: 127° Moon: 160°</p>	<p>2013 aug 10 17h16.2m A13_08007 10 Hygiea PPMX 5862966 Diam = 429.0 m = 10.8 m = 11.5</p>  <p>Dur = 37.5s Dmag = 1.2 Sun: 95° Moon: 139°</p>	<p>2013 aug 12 9h15.3m A13_08046 363 Padua UCAC2 21215118 Diam = 96.0 m = 12.0 m = 13.3</p>  <p>Dur = 9.4s Dmag = 1.6 Sun: 167° Moon: 107°</p>	<p>2013 aug 12 16h 4.3m A13_08024 136 Austria PPMX 10668381 Diam = 41.7 m = 11.3 m = 13.4</p>  <p>Dur = 7.9s Dmag = 2.2 Sun: 140° Moon: 76°</p>
<p>2013 aug 12 17h20.1m A13_08094 762 Pulcova PPMX 12771312 Diam = 142.0 m = 10.9 m = 14.3</p>  <p>Dur = 12.9s Dmag = 3.4 Sun: 148° Moon: 81°</p>	<p>2013 aug 14 15h51.9m B13_08004 15809 1994JS S31d 1692025 Diam = 91.2 m = 14.8 m = 23.2</p>  <p>Dur = 7.0s Dmag = 8.3 Sun: 128° Moon: 38°</p>	<p>2013 aug 15 11h49.1m A13_08085 611 Valeria UCAC2 30429828 Diam = 59.0 m = 12.0 m = 15.1</p>  <p>Dur = 5.1s Dmag = 3.1 Sun: 147° Moon: 50°</p>	<p>2013 aug 15 14h21.6m A13_08066 481 Erita PPMX 13807155 Diam = 116.0 m = 10.5 m = 13.6</p>  <p>Dur = 12.0s Dmag = 3.2 Sun: 150° Moon: 50°</p>

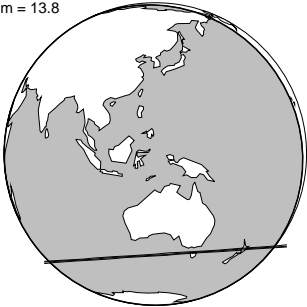
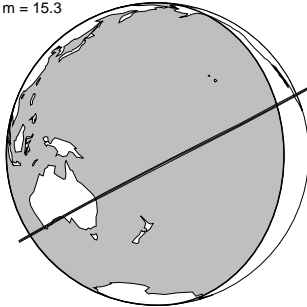
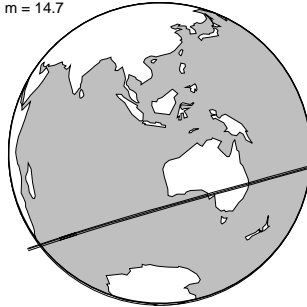
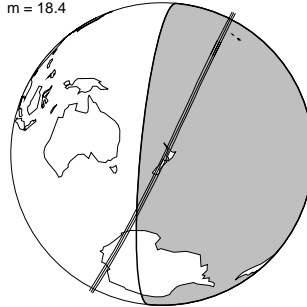
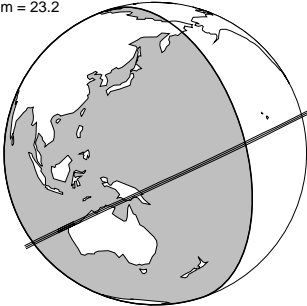
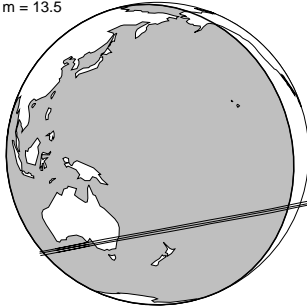
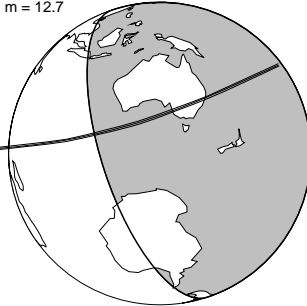
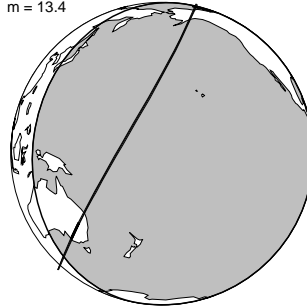
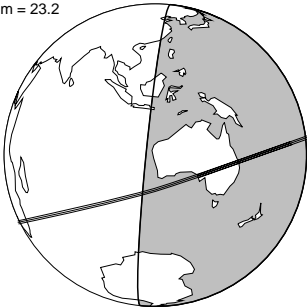
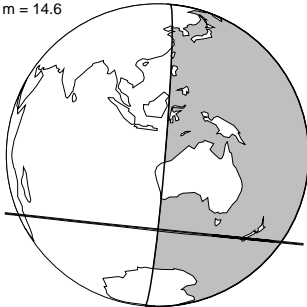
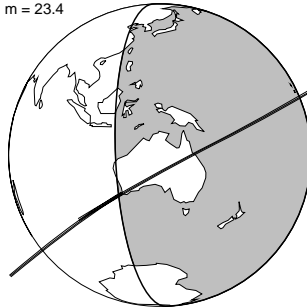
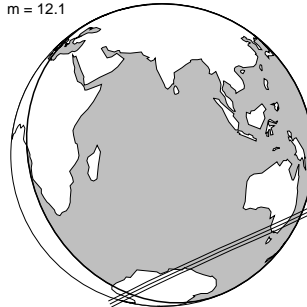
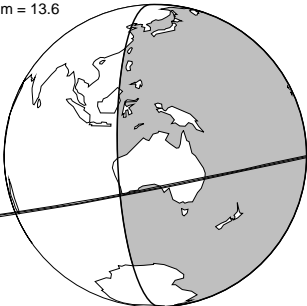
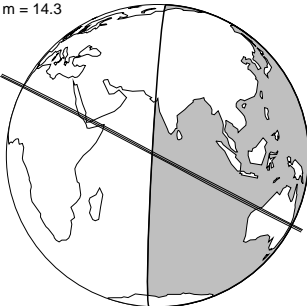
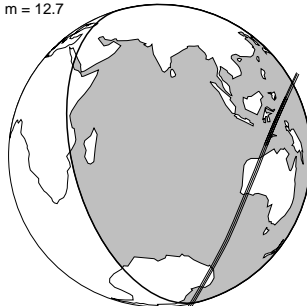
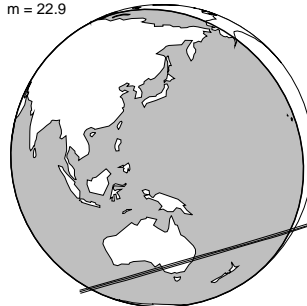
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<p>2013 aug 15 14h43.6m A13_08100 1115 Sabauda S34c 1585213 Diam = 71.1 m = 11.4 m = 16.1</p>  <p>Dur = 12.6s Dmag = 4.7 Sun: 131° Moon: 30°</p>	<p>2013 aug 18 11h58.0m A13_08095 762 Pulcova PPMX 12767546 Diam = 142.0 m = 10.9 m = 14.4</p>  <p>Dur = 15.1s Dmag = 3.5 Sun: 142° Moon: 7°</p>	<p>2013 aug 18 16h 1.5m A13_08109 5130 Ilioneus PPMX 5795971 Diam = 36.3 m = 11.3 m = 18.2</p>  <p>Dur = 4.4s Dmag = 6.9 Sun: 131° Moon: 79°</p>	<p>2013 aug 19 9h57.4m A13_08073 554 Peraga PPMX 9892887 Diam = 98.5 m = 11.5 m = 12.4</p>  <p>Dur = 10.2s Dmag = 1.3 Sun: 171° Moon: 31°</p>
<p>2013 aug 19 10h 2.1m A13_08037 186 Celuta UCAC2 13468950 Diam = 52.3 m = 11.4 m = 12.6</p>  <p>Dur = 8.2s Dmag = 1.5 Sun: 139° Moon: 29°</p>	<p>2013 aug 20 11h11.6m A13_08089 713 Luscinia UCAC2 29734453 Diam = 109.0 m = 12.4 m = 14.3</p>  <p>Dur = 14.0s Dmag = 2.1 Sun: 144° Moon: 25°</p>	<p>2013 aug 20 19h57.6m A13_08031 168 Sibylla UCAC2 37118560 Diam = 154.0 m = 12.5 m = 14.2</p>  <p>Dur = 21.8s Dmag = 2.0 Sun: 108° Moon: 75°</p>	<p>2013 aug 22 6h59.1m B13_08002 10199 Chariklo UCAC2 15328219 Diam = 173.8 m = 14.6 m = 18.4</p>  <p>Dur = 16.9s Dmag = 3.8 Sun: 104° Moon: 92°</p>
<p>2013 aug 22 8h25.1m A13_08045 361 Bononia PPMX 13670680 Diam = 149.0 m = 12.1 m = 16.2</p>  <p>Dur = 27.8s Dmag = 4.1 Sun: 115° Moon: 82°</p>	<p>2013 aug 22 9h42.2m A13_08048 375 Ursula PPMX 12499087 Diam = 216.0 m = 12.2 m = 14.0</p>  <p>Dur = 7.5s Dmag = 2.0 Sun: 65° Moon: 133°</p>	<p>2013 aug 23 19h 8.0m A13_08008 17 Thetis PPMX 5929524 Diam = 93.2 m = 10.8 m = 14.0</p>  <p>Dur = 4.7s Dmag = 3.3 Sun: 80° Moon: 64°</p>	<p>2013 aug 25 13h33.4m A13_08055 387 Aquitania UCAC2 23734383 Diam = 106.0 m = 12.5 m = 11.5</p>  <p>Dur = 13.6s Dmag = 0.4 Sun: 130° Moon: 107°</p>
<p>2013 aug 25 16h48.1m A13_08067 485 Genua PPMX 8907045 Diam = 68.2 m = 10.1 m = 13.7</p>  <p>Dur = 4.9s Dmag = 3.6 Sun: 166° Moon: 56°</p>	<p>2013 aug 26 13h17.7m A13_08023 130 Elektra PPMX 10668754 Diam = 189.0 m = 11.6 m = 12.8</p>  <p>Dur = 17.2s Dmag = 1.5 Sun: 127° Moon: 119°</p>	<p>2013 aug 26 14h19.9m A13_08019 93 Minerva S26d 2591180 Diam = 170.8 m = 12.4 m = 11.9</p>  <p>Dur = 21.2s Dmag = 0.5 Sun: 155° Moon: 92°</p>	<p>2013 aug 27 12h43.4m B13_08007 2004MS8 PPMX 10795036 Diam = 72.4 m = 14.8 m = 23.0</p>  <p>Dur = 3.6s Dmag = 8.1 Sun: 153° Moon: 106°</p>

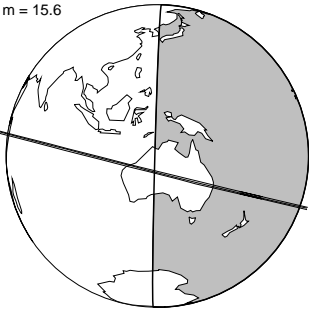
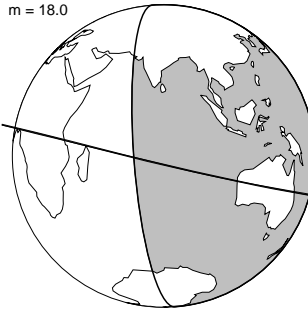
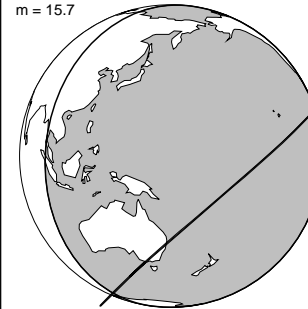
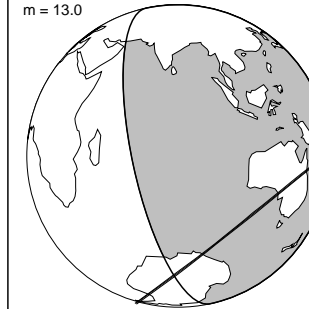
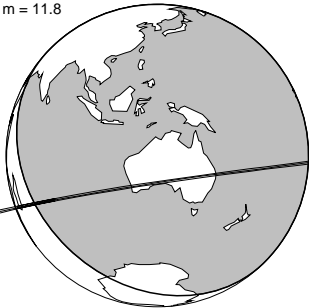
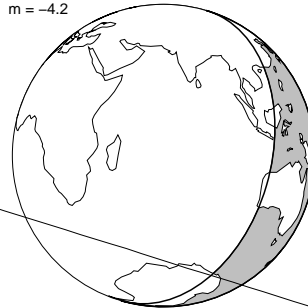
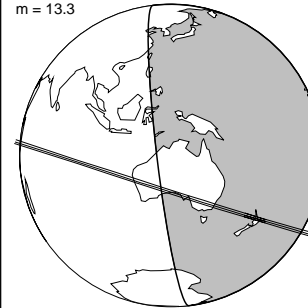
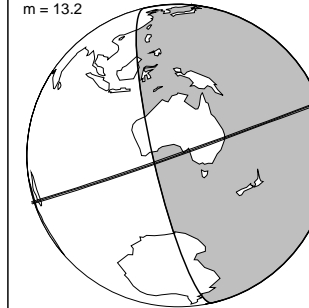
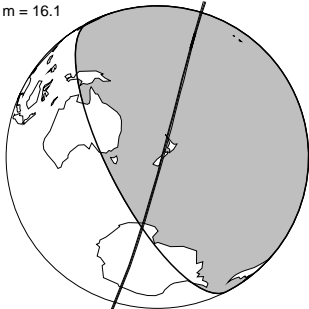
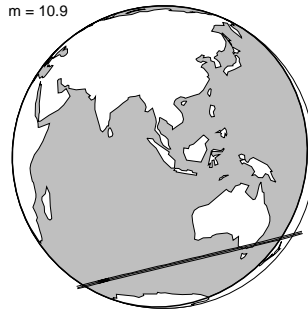
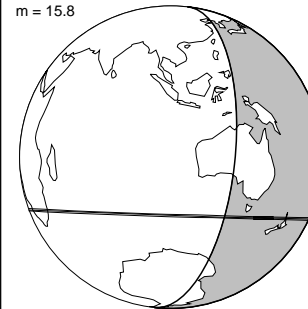
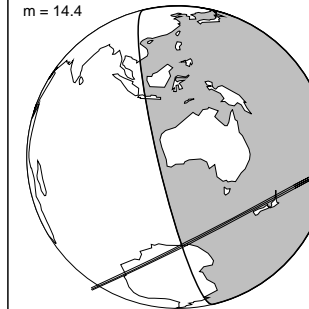
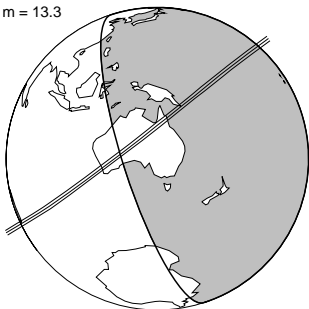
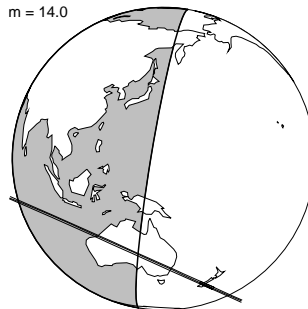
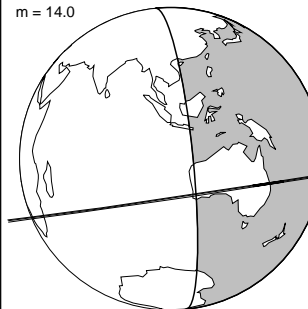
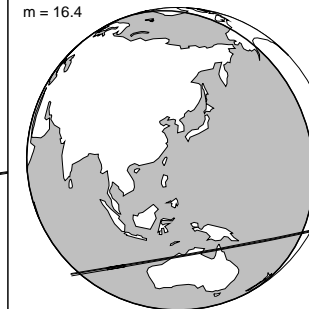
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<p>2013 aug 27 16h25.3m A13_08070 524 Fidelio UCAC2 31792845 Diam = 74.0 m = 12.5 m = 13.8</p>  <p>Dur = 7.8s Dmag = 1.6 Sun: 163° Moon: 66°</p>	<p>2013 aug 28 14h14.1m A13_08071 528 Rezia UCAC2 27949808 Diam = 86.2 m = 15.3</p>  <p>Dur = 9.0s Dmag = 3.2 Sun: 146° Moon: 62°</p>	<p>2013 aug 28 16h24.3m A13_08058 401 Ottilla PPMX 11878935 Diam = 103.0 m = 10.4 m = 14.7</p>  <p>Dur = 8.3s Dmag = 4.2 Sun: 170° Moon: 98°</p>	<p>2013 aug 29 6h45.9m B13_08003 10199 Chariklo PPMX 14620451 Diam = 173.8 m = 13.8 m = 18.4</p>  <p>Dur = 15.7s Dmag = 4.6 Sun: 98° Moon: 161°</p>
<p>2013 aug 30 17h13.6m B13_08006 2001RW143 PPMX 6837741 Diam = 138.0 m = 14.1 m = 23.2</p>  <p>Dur = 10.5s Dmag = 9.1 Sun: 126° Moon: 61°</p>	<p>2013 aug 31 14h24.2m A13_08026 139 Juewa PPMX 7841482 Diam = 164.0 m = 10.3 m = 13.5</p>  <p>Dur = 13.7s Dmag = 3.2 Sun: 152° Moon: 97°</p>	<p>2013 sep 3 10h57.3m A13_09030 164 Eva PPMX 16502963 Diam = 110.0 m = 10.7 m = 12.7</p>  <p>Dur = 29.2s Dmag = 2.2 Sun: 112° Moon: 128°</p>	<p>2013 sep 5 9h22.9m A13_09058 510 Mabella PPMX 9829158 Diam = 59.3 m = 11.6 m = 13.4</p>  <p>Dur = 9.7s Dmag = 2.0 Sun: 148° Moon: 152°</p>
<p>2013 sep 5 10h22.1m B13_09005 119066 2001KJ76 UCAC2 21130039 Diam = 144.5 m = 14.3 m = 23.2</p>  <p>Dur = 41.4s Dmag = 8.9 Sun: 93° Moon: 94°</p>	<p>2013 sep 13 10h 0.9m A13_09043 336 Lacadiera UCAC2 25113270 Diam = 72.0 m = 11.6 m = 14.6</p>  <p>Dur = 3.4s Dmag = 3.1 Sun: 87° Moon: 12°</p>	<p>2013 sep 13 10h10.2m B13_09001 15810 1994JR1 S20b 1547238 Diam = 95.5 m = 14.9 m = 23.4</p>  <p>Dur = 28.2s Dmag = 8.5 Sun: 107° Moon: 8°</p>	<p>2013 sep 13 17h 8.6m A13_09012 52 Europa PPMX 11859856 Diam = 278.0 m = 10.0 m = 12.1</p>  <p>Dur = 26.5s Dmag = 2.2 Sun: 150° Moon: 48°</p>
<p>2013 sep 14 10h 6.0m A13_09050 389 Industria S20c 1498514 Diam = 81.0 m = 12.4 m = 13.6</p>  <p>Dur = 7.9s Dmag = 1.5 Sun: 104° Moon: 8°</p>	<p>2013 sep 14 13h14.2m A13_09036 225 Henrietta PPMX 9627059 Diam = 124.0 m = 9.4 m = 14.3</p>  <p>Dur = 6.2s Dmag = 4.9 Sun: 92° Moon: 28°</p>	<p>2013 sep 15 15h23.8m A13_09011 47 Aglaja UCAC2 21660364 Diam = 137.0 m = 12.1 m = 12.7</p>  <p>Dur = 38.5s Dmag = 1.1 Sun: 125° Moon: 11°</p>	<p>2013 sep 15 16h 2.3m B13_09006 138628 2000QM251 PPMX 6813234 Diam = 125.9 m = 14.7 m = 22.9</p>  <p>Dur = 5.7s Dmag = 8.2 Sun: 154° Moon: 75°</p>

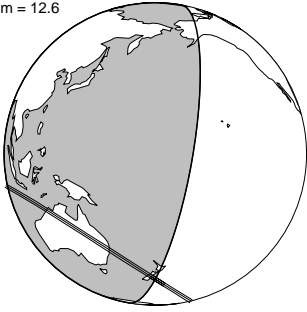
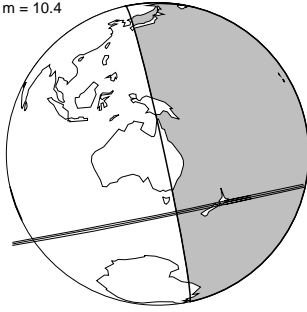
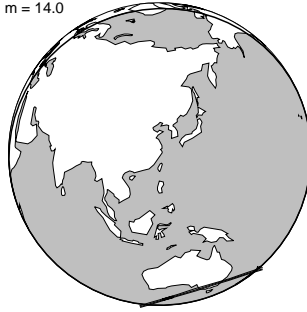
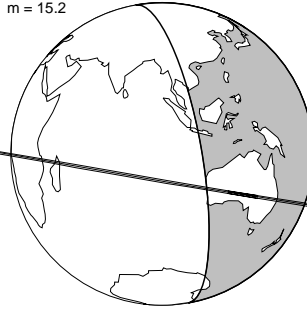
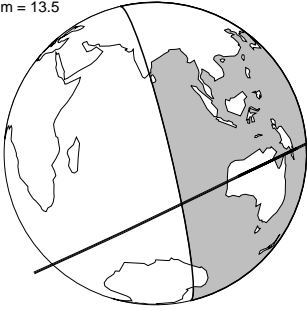
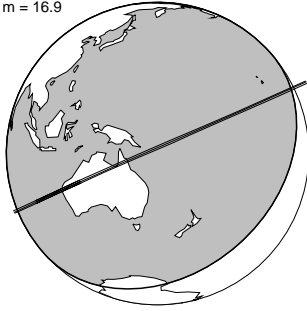
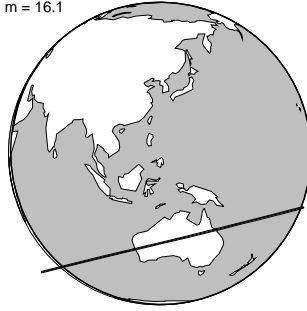
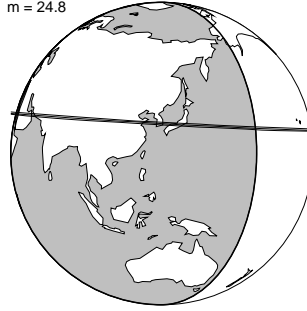
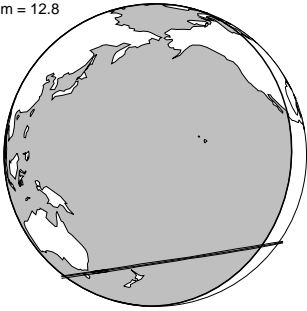
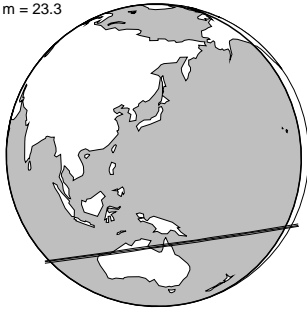
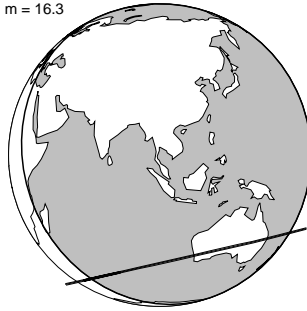
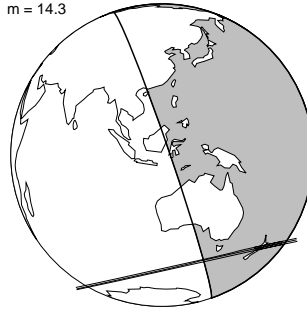
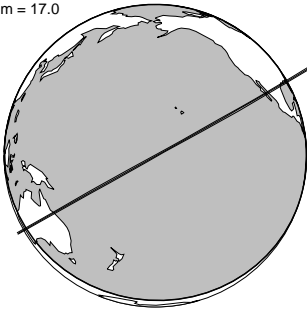
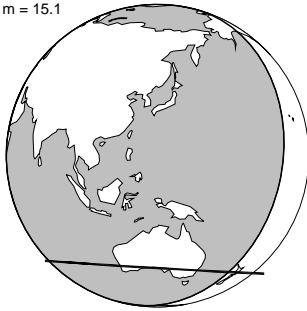
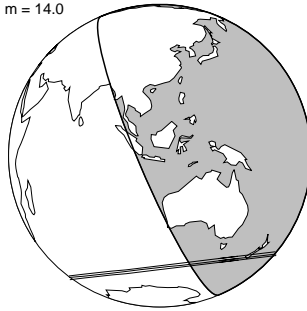
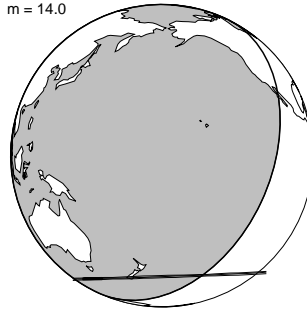
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<p>2013 sep 18 9h21.0m A13_09039 260 Huberta S17b 1266970 Diam = 101.0 m = 11.3 m = 15.6</p>  <p>Dur = 6.3s Dmag = 4.3 Sun: 90° Moon: 75°</p>	<p>2013 sep 23 13h16.9m B13_09003 60558 Echeclus PPMX 11692115 Diam = 43.7 m = 13.5 m = 18.0</p>  <p>Dur = 5.6s Dmag = 4.5 Sun: 101° Moon: 128°</p>	<p>2013 sep 25 11h16.0m A13_09080 1149 Volga PPMX 8891363 Diam = 57.3 m = 10.8 m = 15.7</p>  <p>Dur = 7.4s Dmag = 4.8 Sun: 145° Moon: 101°</p>	<p>2013 sep 29 13h45.5m A13_09021 101 Helena UCAC2 20978251 Diam = 68.3 m = 12.5 m = 13.0</p>  <p>Dur = 5.9s Dmag = 1.1 Sun: 107° Moon: 166°</p>
<p>2013 sep 29 13h53.8m A13_09045 346 Hermentaria UCAC2 23525832 Diam = 110.0 m = 12.1 m = 11.8</p>  <p>Dur = 15.3s Dmag = 0.6 Sun: 148° Moon: 141°</p>	<p>2013 oct 3 10h10.7m P13_10001 Venus HIP 75732 Diam = 12104.0 m = 7.3 m = -4.2</p>  <p>Dur = 404.5s Dmag = 0.0 Sun: 44° Moon: 64°</p>	<p>2013 oct 5 9h38.0m A13_10030 173 Ino UCAC2 25199313 Diam = 159.0 m = 12.1 m = 13.3</p>  <p>Dur = 10.2s Dmag = 1.5 Sun: 95° Moon: 91°</p>	<p>2013 oct 5 9h57.4m A13_10056 455 Bruchsalia UCAC2 16721115 Diam = 87.5 m = 12.2 m = 13.2</p>  <p>Dur = 5.9s Dmag = 1.3 Sun: 99° Moon: 94°</p>
<p>2013 oct 6 8h42.0m A13_10085 1042 Amazone UCAC2 13474795 Diam = 76.7 m = 12.4 m = 16.1</p>  <p>Dur = 6.7s Dmag = 3.8 Sun: 109° Moon: 94°</p>	<p>2013 oct 8 18h14.1m A13_10015 42 Isis PPMX 9001557 Diam = 107.0 m = 12.2 m = 10.9</p>  <p>Dur = 13.1s Dmag = 0.3 Sun: 160° Moon: 145°</p>	<p>2013 oct 9 9h14.4m A13_10028 162 Laurentia PPMX 12656039 Diam = 105.0 m = 11.8 m = 15.8</p>  <p>Dur = 3.6s Dmag = 4.0 Sun: 64° Moon: 12°</p>	<p>2013 oct 11 10h36.8m A13_10061 481 Emita UCAC2 18796554 Diam = 116.0 m = 12.4 m = 14.4</p>  <p>Dur = 9.4s Dmag = 2.2 Sun: 97° Moon: 21°</p>
<p>2013 oct 13 9h42.6m A13_10053 423 Diotima S31b 2105587 Diam = 217.0 m = 12.4 m = 13.3</p>  <p>Dur = 19.9s Dmag = 1.3 Sun: 103° Moon: 19°</p>	<p>2013 oct 13 20h22.2m A13_10044 345 Tercidina PPMX 7108566 Diam = 100.0 m = 10.9 m = 14.0</p>  <p>Dur = 4.7s Dmag = 3.1 Sun: 85° Moon: 160°</p>	<p>2013 oct 14 10h18.5m A13_10051 389 Industria UCAC2 24212760 Diam = 81.0 m = 12.3 m = 14.0</p>  <p>Dur = 3.7s Dmag = 1.9 Sun: 81° Moon: 41°</p>	<p>2013 oct 19 17h 5.2m A13_10058 465 Alekto PPMX 4873136 Diam = 76.6 m = 11.2 m = 16.4</p>  <p>Dur = 5.9s Dmag = 5.2 Sun: 150° Moon: 21°</p>

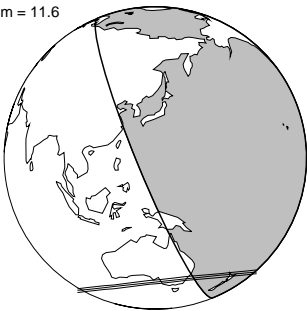
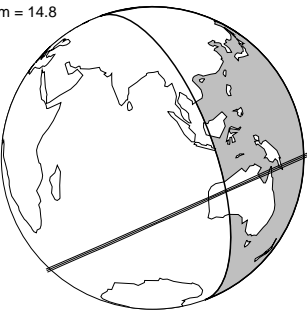
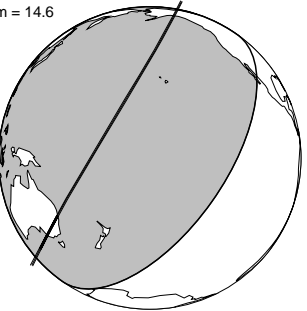
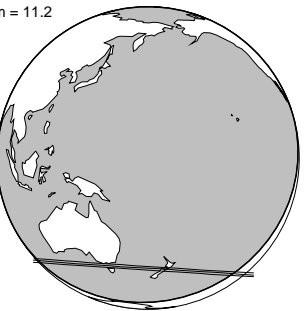
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<p>2013 oct 24 17h19.1m A13_10016 51 Nemausa PPMX 7069054 Diam = 152.3 m = 12.2 m = 12.6</p>  <p>Dur = 13.7s Dmag = 1.0 Sun: 104° Moon: 13°</p>	<p>2013 oct 25 8h25.9m A13_10002 8 Flora PPMX 12822195 Diam = 141.0 m = 10.4</p>  <p>Dur = 7.4s Dmag = 0.4 Sun: 87° Moon: 162°</p>	<p>2013 oct 26 15h21.7m A13_10066 516 Amherstia HIP 8175 Diam = 75.7 m = 8.0 m = 14.0</p>  <p>Dur = 4.7s Dmag = 6.0 Sun: 163° Moon: 86°</p>	<p>2013 oct 29 10h35.7m A13_10032 181 Eucharis PPMX 11733226 Diam = 107.0 m = 12.4 m = 15.2</p>  <p>Dur = 4.9s Dmag = 2.9 Sun: 74° Moon: 138°</p>
<p>2013 nov 1 12h16.0m A13_11014 101 Helena PPMX 11801831 Diam = 68.3 m = 10.4 m = 13.5</p>  <p>Dur = 3.0s Dmag = 3.1 Sun: 84° Moon: 110°</p>	<p>2013 nov 1 14h50.7m A13_11098 3317 Paris PPMX 10005732 Diam = 127.0 m = 10.5 m = 16.9</p>  <p>Dur = 7.4s Dmag = 6.4 Sun: 143° Moon: 128°</p>	<p>2013 nov 3 14h43.6m A13_11077 718 Erida PPMX 6835999 Diam = 76.5 m = 11.4 m = 16.1</p>  <p>Dur = 4.9s Dmag = 4.6 Sun: 169° Moon: 168°</p>	<p>2013 nov 3 18h43.7m A13_11101 1998WY31 PPMX 5020951 Diam = 114.8 m = 10.5 m = 24.8</p>  <p>Dur = 7.9s Dmag = 14.3 Sun: 128° Moon: 132°</p>
<p>2013 nov 10 13h16.0m A13_11005 17 Thetis HIP 22505 Diam = 93.2 m = 7.9 m = 12.8</p>  <p>Dur = 8.4s Dmag = 4.9 Sun: 154° Moon: 111°</p>	<p>2013 nov 10 15h42.8m B13_11003 1998WV31 PPMX 5917854 Diam = 100.0 m = 13.9 m = 23.3</p>  <p>Dur = 4.2s Dmag = 9.5 Sun: 161° Moon: 103°</p>	<p>2013 nov 16 15h22.7m A13_11078 718 Erida PPMX 6832091 Diam = 76.5 m = 9.9 m = 16.3</p>  <p>Dur = 5.7s Dmag = 6.4 Sun: 154° Moon: 14°</p>	<p>2013 nov 17 9h54.0m A13_11054 476 Hedwig UCAC2 30287235 Diam = 121.0 m = 12.5 m = 14.3</p>  <p>Dur = 6.1s Dmag = 2.0 Sun: 87° Moon: 91°</p>
<p>2013 nov 21 10h36.3m A13_11096 2363 Cebriones PPMX 7921638 Diam = 91.7 m = 11.7 m = 17.0</p>  <p>Dur = 4.7s Dmag = 5.3 Sun: 162° Moon: 50°</p>	<p>2013 nov 23 17h19.7m A13_11068 537 Pauly UCAC2 37329220 Diam = 47.5 m = 11.8 m = 15.1</p>  <p>Dur = 4.1s Dmag = 3.4 Sun: 145° Moon: 33°</p>	<p>2013 nov 29 11h 4.5m A13_11030 238 Hypatia UCAC2 29759288 Diam = 156.0 m = 12.4 m = 14.0</p>  <p>Dur = 11.7s Dmag = 1.8 Sun: 98° Moon: 145°</p>	<p>2013 dec 17 14h22.9m A13_12041 236 Honoria PPMX 7152689 Diam = 90.5 m = 12.0 m = 14.0</p>  <p>Dur = 12.7s Dmag = 2.2 Sun: 136° Moon: 41°</p>

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<p>2013 dec 18 8h48.8m A13_12021 89 Julia PPMX 6780578 Diam = 159.0 m = 10.6 m = 11.6</p>  <p>Dur = 9.3s Dmag = 1.4 Sun: 97° Moon: 94°</p>	<p>2013 dec 18 10h34.1m A13_12023 104 Klymene UCAC2 27401983 Diam = 127.0 m = 12.3 m = 14.8</p>  <p>Dur = 4.5s Dmag = 2.6 Sun: 65° Moon: 125°</p>	<p>2013 dec 19 14h 7.0m A13_12106 914 Palisana UCAC2 28013083 Diam = 79.0 m = 11.9 m = 14.6</p>  <p>Dur = 5.9s Dmag = 2.8 Sun: 120° Moon: 37°</p>	<p>2013 dec 26 13h30.7m A13_12008 51 Nemausa PPMX 8120685 Diam = 152.3 m = 12.2 m = 11.2</p>  <p>Dur = 14.9s Dmag = 0.4 Sun: 161° Moon: 92°</p>
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