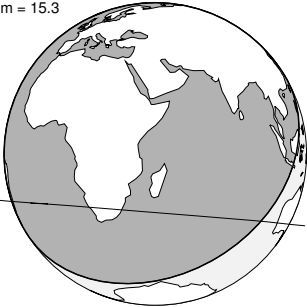
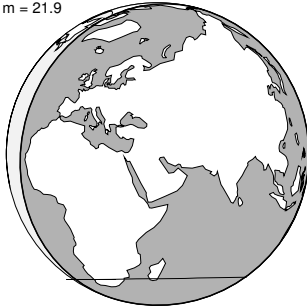
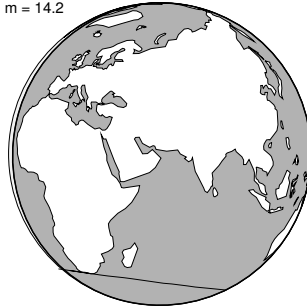
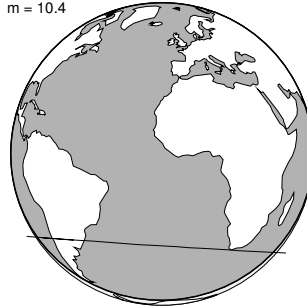
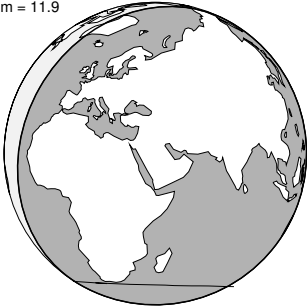
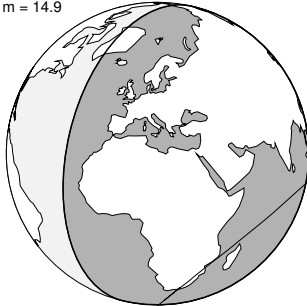
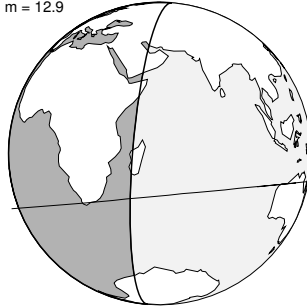
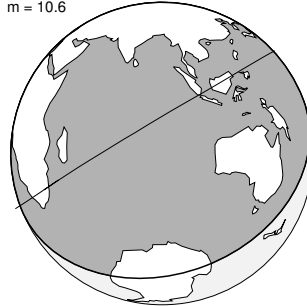
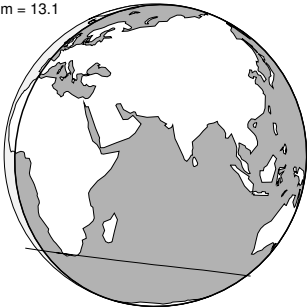
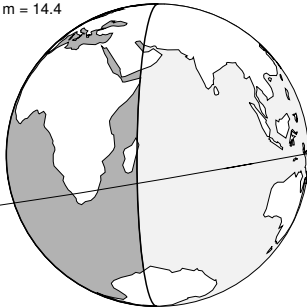
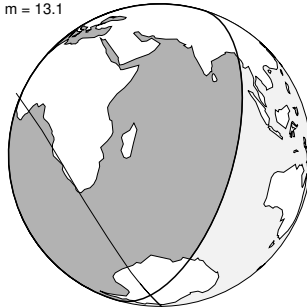
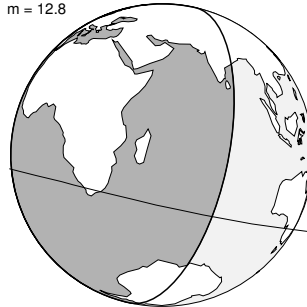
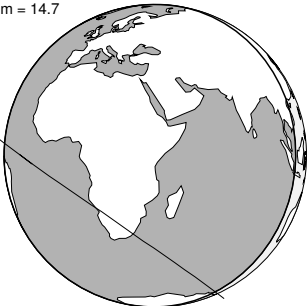
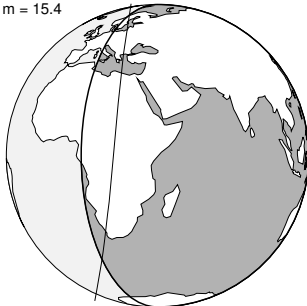
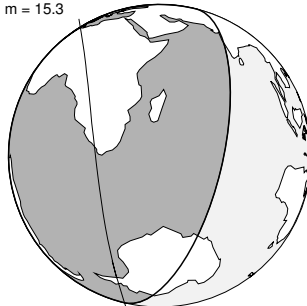
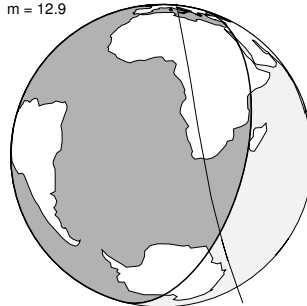


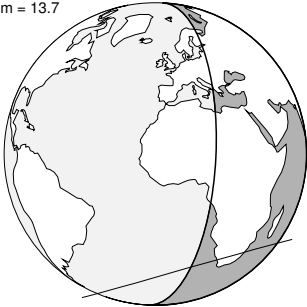

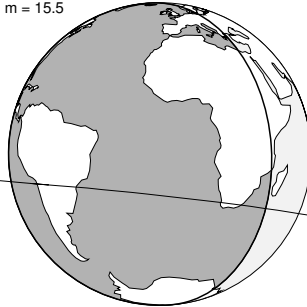
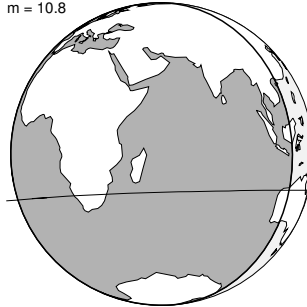
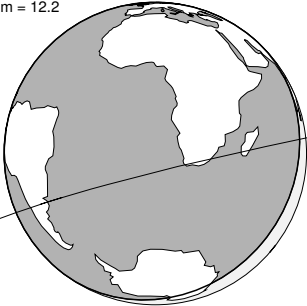
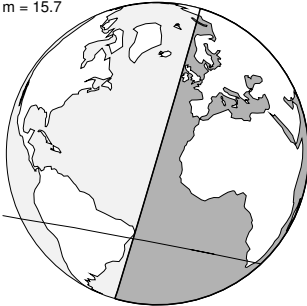
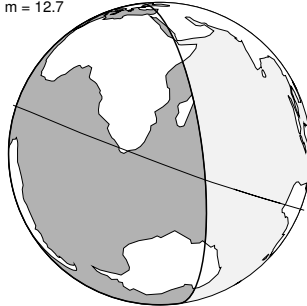
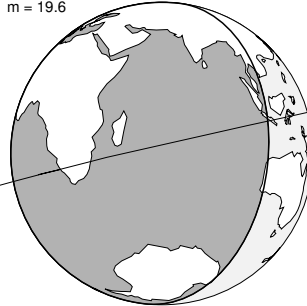
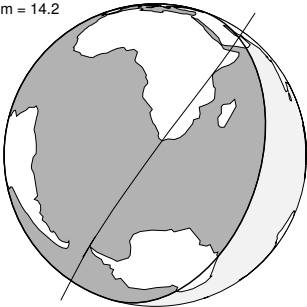
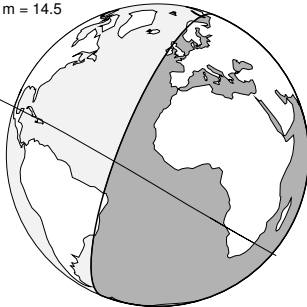
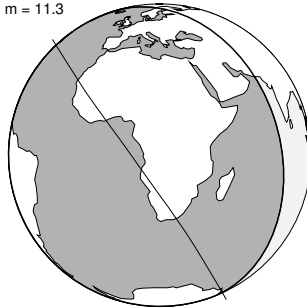
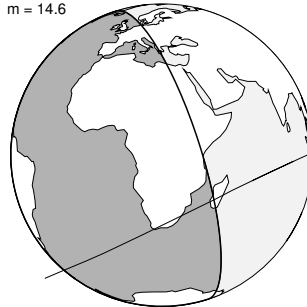
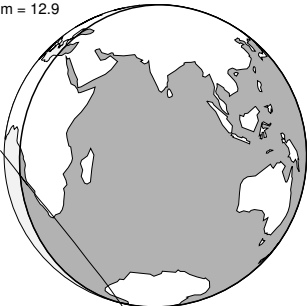
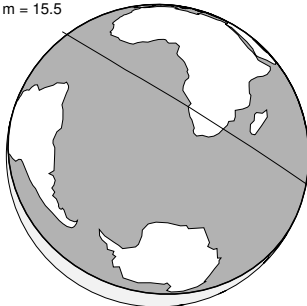
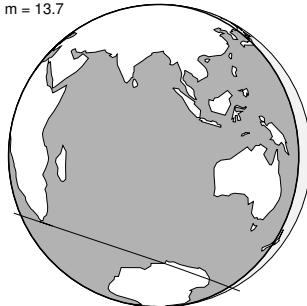
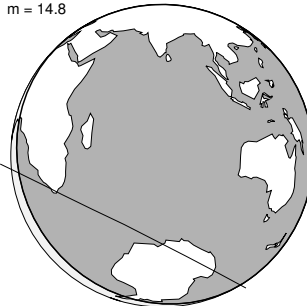
Occultations by major and minor planets – 2020

Region 4

<p>2020 jan 2 22h20.5m A20_01125 1051 Merope TYC 5426–01386–1 Diam = 68.6 m = 11.7 m = 15.3</p>  <p>Dur = 5.3s Dmag = 3.6 Sun: 142° Moon: 112°</p>	<p>2020 jan 14 19h13.2m B20_01004 143991 2003YO179 UCAC4 607–025856 Diam = 275.4 m = 14.6 m = 21.9</p>  <p>Dur = 12.1s Dmag = 7.3 Sun: 154° Moon: 78°</p>	<p>2020 jan 17 19h17.0m A20_01049 222 Lucia PPMX 5061288 Diam = 58.0 m = 12.4 m = 14.2</p>  <p>Dur = 4.0s Dmag = 2.0 Sun: 166° Moon: 107°</p>	<p>2020 jan 20 1h11.0m A20_01054 230 Athamantis TYC 0207–01127–1 Diam = 125.0 m = 11.6 m = 10.4</p>  <p>Dur = 11.0s Dmag = 0.3 Sun: 165° Moon: 118°</p>
<p>2020 feb 21 19h39.2m A20_02022 83 Beatrix TYC 1945–00325–1 Diam = 84.0 m = 8.8 m = 11.9</p>  <p>Dur = 10.7s Dmag = 3.2 Sun: 151° Moon: 172°</p>	<p>2020 feb 27 19h42.4m A20_02093 545 Messalina TYC 2438–00984–1 Diam = 115.0 m = 8.5 m = 14.9</p>  <p>Dur = 16.4s Dmag = 6.4 Sun: 126° Moon: 82°</p>	<p>2020 mar 1 3h 2.5m A20_03015 56 Melete UCAC4 362–089236 Diam = 90.8 m = 12.5 m = 12.9</p>  <p>Dur = 3.4s Dmag = 1.0 Sun: 79° Moon: 150°</p>	<p>2020 mar 5 18h58.4m A20_03017 71 Niobe TYC 6678–00602–1 Diam = 87.3 m = 11.1 m = 10.6</p>  <p>Dur = 7.0s Dmag = 0.6 Sun: 142° Moon: 82°</p>
<p>2020 mar 9 18h21.7m A20_03048 227 Philosphia TYC 0832–01616–1 Diam = 90.1 m = 10.1 m = 13.1</p>  <p>Dur = 8.0s Dmag = 3.1 Sun: 157° Moon: 24°</p>	<p>2020 mar 13 2h47.8m A20_03066 377 Campania UCAC4 355–120397 Diam = 94.0 m = 12.2 m = 14.4</p>  <p>Dur = 4.5s Dmag = 2.4 Sun: 82° Moon: 50°</p>	<p>2020 mar 16 23h58.6m A20_03047 224 Oceana UCAC5 326–073190 Diam = 79.8 m = 12.4 m = 13.1</p>  <p>Dur = 16.2s Dmag = 1.1 Sun: 119° Moon: 37°</p>	<p>2020 mar 18 0h35.4m A20_03054 270 Anahita UCAC4 339–074914 Diam = 52.2 m = 12.3 m = 12.8</p>  <p>Dur = 8.8s Dmag = 1.0 Sun: 115° Moon: 45°</p>
<p>2020 mar 18 22h58.3m A20_03123 1212 Francette TYC 4959–00083–1 Diam = 90.7 m = 11.6 m = 14.7</p>  <p>Dur = 7.8s Dmag = 3.2 Sun: 158° Moon: 99°</p>	<p>2020 mar 21 17h22.2m A20_03130 1796 Riga UCAC4 444–044128 Diam = 76.5 m = 11.9 m = 15.4</p>  <p>Dur = 6.5s Dmag = 3.6 Sun: 120° Moon: 143°</p>	<p>2020 apr 2 1h 3.0m A20_04092 1113 Katja TYC 7868–01688–1 Diam = 44.7 m = 11.6 m = 15.3</p>  <p>Dur = 7.4s Dmag = 3.8 Sun: 114° Moon: 145°</p>	<p>2020 apr 8 3h21.3m A20_04036 186 Celuta Gaia 056–0328269 Diam = 52.3 m = 12.2 m = 12.9</p>  <p>Dur = 6.7s Dmag = 1.1 Sun: 123° Moon: 58°</p>

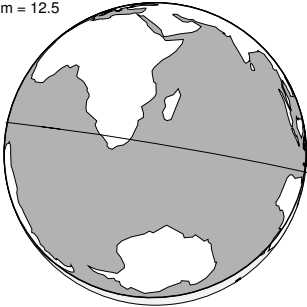
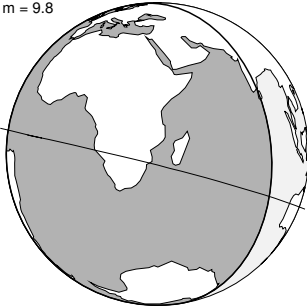
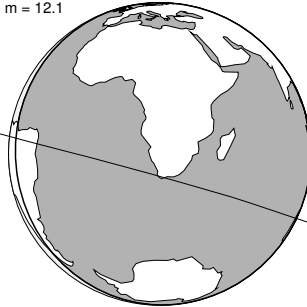
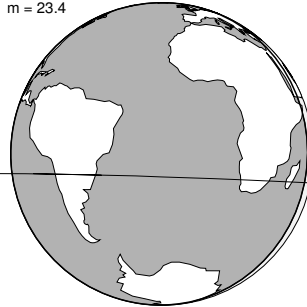
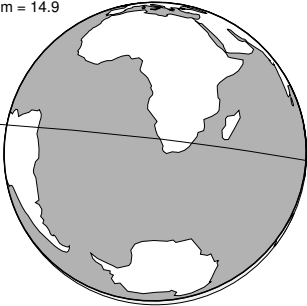
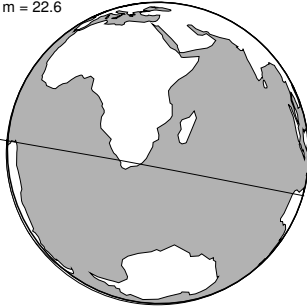
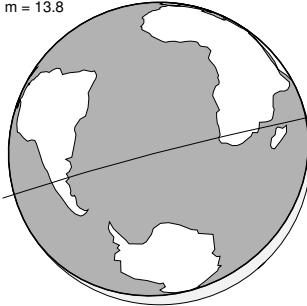
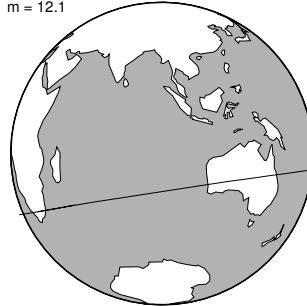
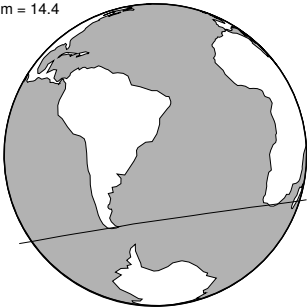
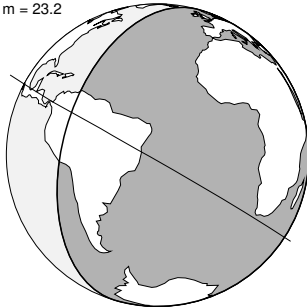
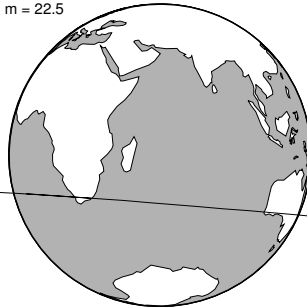
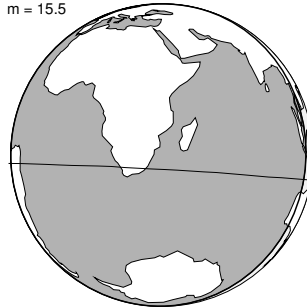
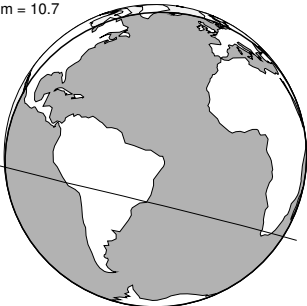
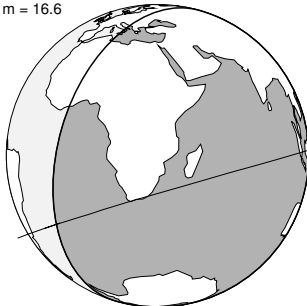
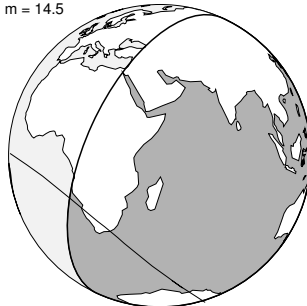
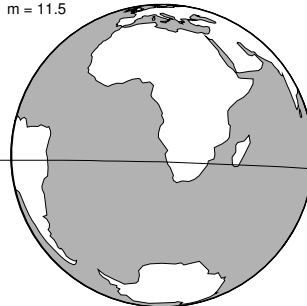
Occultations by major and minor planets – 2020

Region 4

<p>2020 apr 12 17h15.5m A20_04056 387 Aquitania PPMX 6008716 Diam = 106.0 m = 12.1 m = 13.7</p>  <p>Dur = 4.1s Dmag = 1.9 Sun: 66° Moon: 173°</p>	<p>2020 apr 13 20h54.6m A20_04062 404 Arsinoë HIP 74585 Diam = 101.0 m = 8.1 m = 11.7</p>  <p>Dur = 17.9s Dmag = 3.7 Sun: 150° Moon: 60°</p>	<p>2020 apr 27 3h35.2m A20_04073 560 Delia TYC 6233-00106-1 Diam = 41.0 m = 7.2 m = 15.5</p>  <p>Dur = 6.1s Dmag = 8.3 Sun: 137° Moon: 172°</p>	<p>2020 apr 27 22h17.8m A20_04008 42 Isis UCAC4 377-075507 Diam = 107.0 m = 11.3 m = 10.8</p>  <p>Dur = 19.4s Dmag = 0.5 Sun: 149° Moon: 154°</p>
<p>2020 apr 30 0h47.6m A20_04045 312 Pierretta UCAC4 297-083925 Diam = 51.0 m = 11.9 m = 12.2</p>  <p>Dur = 6.2s Dmag = 0.9 Sun: 157° Moon: 121°</p>	<p>2020 apr 30 20h 6.9m A20_04087 816 Juliana HIP 44078 Diam = 62.5 m = 7.6 m = 15.7</p>  <p>Dur = 3.7s Dmag = 8.1 Sun: 89° Moon: 3°</p>	<p>2020 may 2 2h53.0m A20_05066 385 Ilmatar UCAC4 270-190735 Diam = 94.1 m = 12.0 m = 12.7</p>  <p>Dur = 11.1s Dmag = 1.2 Sun: 106° Moon: 146°</p>	<p>2020 may 4 22h49.7m B20_05001 28978 Ixion Gaia 061-0603095 Diam = 794.3 m = 12.9 m = 19.6</p>  <p>Dur = 48.0s Dmag = 6.7 Sun: 134° Moon: 81°</p>
<p>2020 may 6 1h52.1m A20_05080 546 Herodias TYC 7890-01696-1 Diam = 69.7 m = 10.8 m = 14.2</p>  <p>Dur = 8.0s Dmag = 3.4 Sun: 134° Moon: 65°</p>	<p>2020 may 10 20h15.7m A20_05016 66 Maja TYC 0841-00748-1 Diam = 78.3 m = 10.8 m = 14.5</p>  <p>Dur = 8.8s Dmag = 3.8 Sun: 104° Moon: 121°</p>	<p>2020 may 13 1h 7.1m A20_05022 85 Io UCAC5 407-069881 Diam = 178.0 m = 12.3 m = 11.3</p>  <p>Dur = 24.4s Dmag = 0.4 Sun: 142° Moon: 41°</p>	<p>2020 may 13 3h27.7m A20_05053 286 Iclea UCAC4 424-123939 Diam = 96.5 m = 12.2 m = 14.6</p>  <p>Dur = 11.9s Dmag = 2.5 Sun: 104° Moon: 17°</p>
<p>2020 may 15 17h 4.3m A20_05102 714 Ulula TYC 6122-00148-1 Diam = 41.0 m = 9.1 m = 12.9</p>  <p>Dur = 3.9s Dmag = 3.8 Sun: 153° Moon: 127°</p>	<p>2020 may 17 23h12.0m A20_05115 1867 Deiphobus TYC 7833-01786-1 Diam = 131.0 m = 11.0 m = 15.5</p>  <p>Dur = 7.7s Dmag = 4.6 Sun: 154° Moon: 121°</p>	<p>2020 may 18 19h34.5m A20_05105 976 Beniamina UCAC4 344-095388 Diam = 86.6 m = 12.0 m = 13.7</p>  <p>Dur = 8.7s Dmag = 1.9 Sun: 156° Moon: 113°</p>	<p>2020 may 19 17h34.9m A20_05100 696 Leonora TYC 7300-00295-1 Diam = 79.3 m = 10.9 m = 14.8</p>  <p>Dur = 4.9s Dmag = 3.9 Sun: 160° Moon: 150°</p>

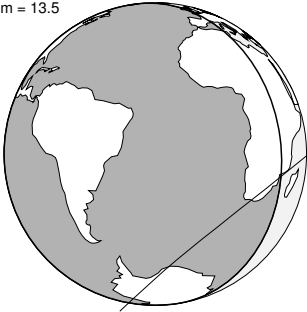
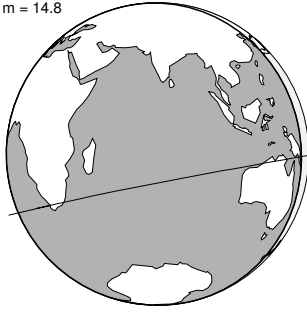
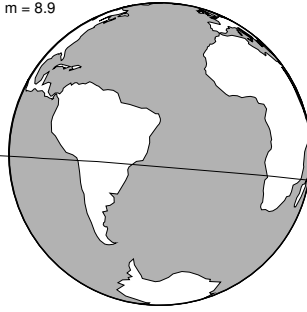
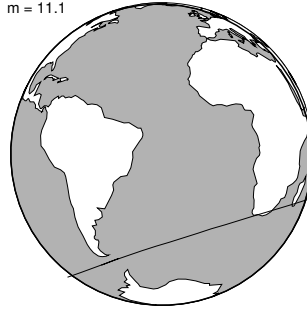
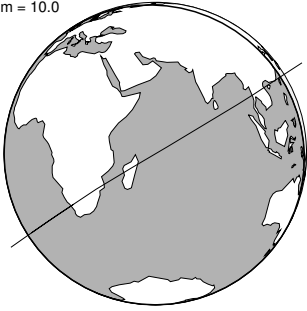
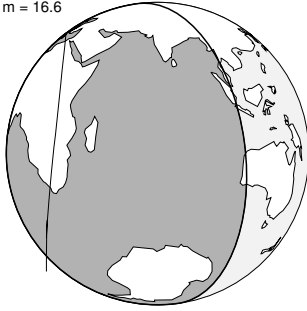
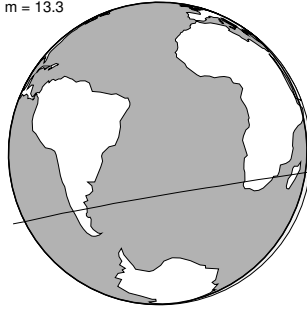
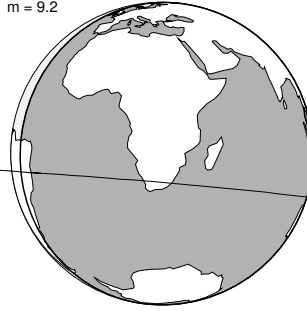
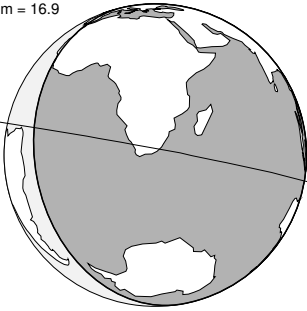
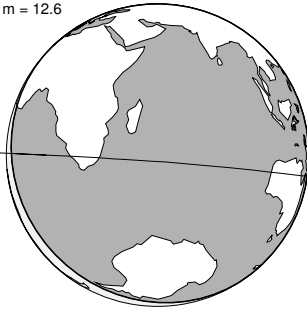
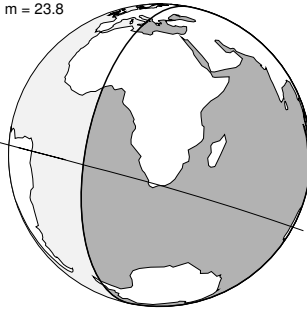
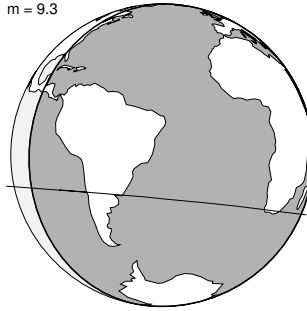
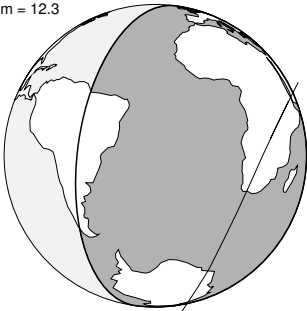
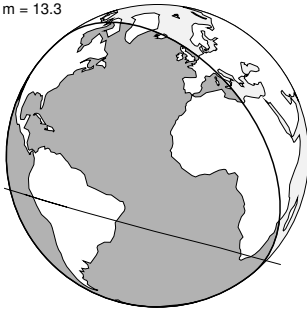
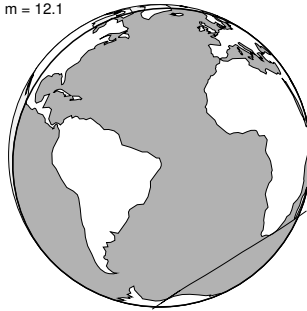
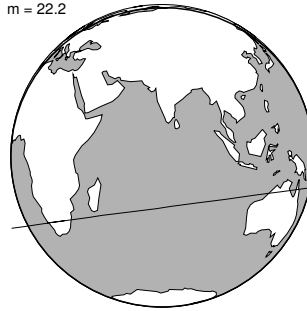
Occultations by major and minor planets – 2020

Region 4

<p>2020 may 19 21h31.9m A20_05033 141 Lumen TYC 7851–00341–1 Diam = 135.0 m = 10.3 m = 12.5</p>  <p>Dur = 10.3s Dmag = 2.4 Sun: 161° Moon: 136°</p>	<p>2020 may 23 0h23.8m A20_05001 7 Iris UCAC5 343–165679 Diam = 329.6 m = 12.4 m = 9.8</p>  <p>Dur = 60.1s Dmag = 0.1 Sun: 138° Moon: 142°</p>	<p>2020 may 24 21h25.7m A20_05044 224 Oceana TYC 6751–00884–1 Diam = 79.8 m = 11.8 m = 12.1</p>  <p>Dur = 8.2s Dmag = 0.9 Sun: 162° Moon: 139°</p>	<p>2020 may 29 2h24.3m B20_05010 2005JY185 UCAC4 325–113346 Diam = 182.0 m = 13.8 m = 23.4</p>  <p>Dur = 7.6s Dmag = 9.6 Sun: 164° Moon: 119°</p>
<p>2020 may 29 23h14.3m A20_05117 1977 Shura TYC 7354–01298–1 Diam = 60.8 m = 10.4 m = 14.9</p>  <p>Dur = 6.0s Dmag = 4.5 Sun: 166° Moon: 99°</p>	<p>2020 jun 2 21h 9.3m B20_06012 2013JV63 UCAC4 303–091034 Diam = 263.0 m = 14.9 m = 22.6</p>  <p>Dur = 10.6s Dmag = 7.7 Sun: 170° Moon: 36°</p>	<p>2020 jun 3 1h23.7m A20_06070 546 Herodias UCAC4 235–132202 Diam = 69.7 m = 11.5 m = 13.8</p>  <p>Dur = 5.6s Dmag = 2.4 Sun: 157° Moon: 54°</p>	<p>2020 jun 5 17h53.3m A20_06059 488 Kreusa TYC 6244–00567–1 Diam = 158.0 m = 12.3 m = 12.1</p>  <p>Dur = 11.6s Dmag = 0.7 Sun: 176° Moon: 4°</p>
<p>2020 jun 8 2h34.4m A20_06103 1902 Shaposhnikov Gaia 062–0349517 Diam = 101.0 m = 12.2 m = 14.4</p>  <p>Dur = 7.4s Dmag = 2.4 Sun: 174° Moon: 31°</p>	<p>2020 jun 8 22h32.7m B20_06007 2002CE251 UCAC4 365–064152 Diam = 87.1 m = 12.7 m = 23.2</p>  <p>Dur = 6.8s Dmag = 10.5 Sun: 129° Moon: 90°</p>	<p>2020 jun 12 19h42.0m B20_06008 2005GF187 UCAC4 352–085510 Diam = 114.8 m = 13.4 m = 22.5</p>  <p>Dur = 5.0s Dmag = 9.0 Sun: 174° Moon: 90°</p>	<p>2020 jun 14 22h53.2m A20_06099 1297 Quadea UCAC4 314–224541 Diam = 66.0 m = 11.6 m = 15.5</p>  <p>Dur = 5.5s Dmag = 3.9 Sun: 162° Moon: 91°</p>
<p>2020 jun 19 2h 5.9m A20_06024 85 Io UCAC4 426–070174 Diam = 178.0 m = 11.5 m = 10.7</p>  <p>Dur = 19.3s Dmag = 0.4 Sun: 160° Moon: 156°</p>	<p>2020 jun 22 18h25.0m A20_06095 1208 Troilus TYC 6157–01310–1 Diam = 111.0 m = 9.6 m = 16.6</p>  <p>Dur = 10.0s Dmag = 6.9 Sun: 131° Moon: 113°</p>	<p>2020 jun 23 16h47.9m A20_06074 585 Bilkis UCAC4 430–058136 Diam = 60.3 m = 11.8 m = 14.5</p>  <p>Dur = 13.8s Dmag = 2.8 Sun: 119° Moon: 90°</p>	<p>2020 jun 26 22h44.9m A20_06019 64 Angelina UCAC4 327–118398 Diam = 121.9 m = 11.8 m = 11.5</p>  <p>Dur = 9.6s Dmag = 0.6 Sun: 174° Moon: 103°</p>

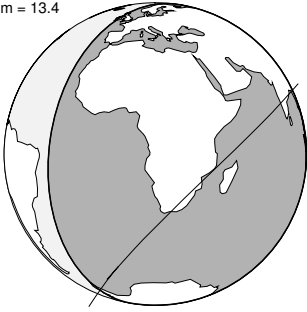
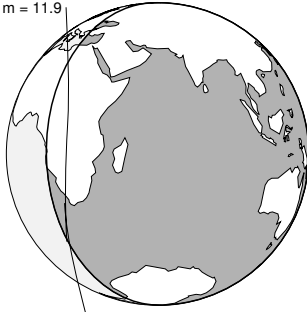
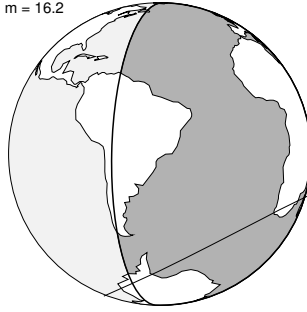
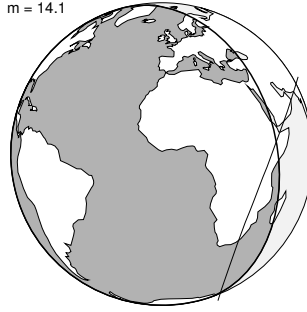
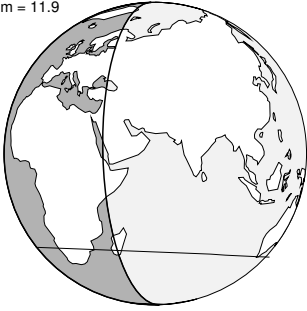
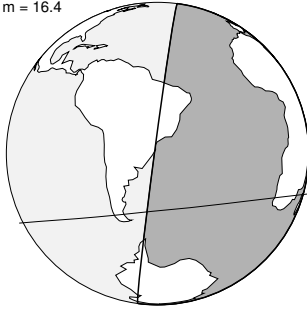
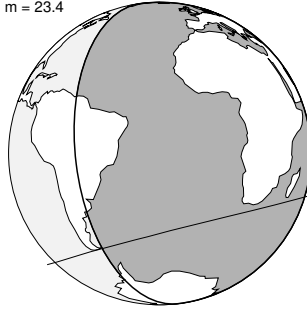
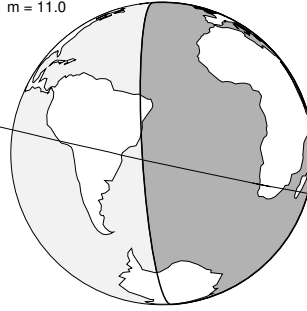
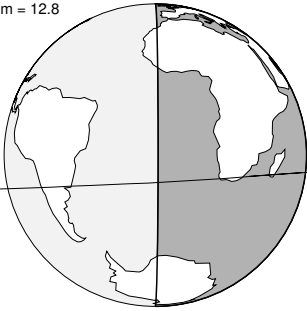
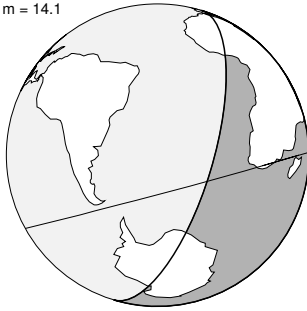
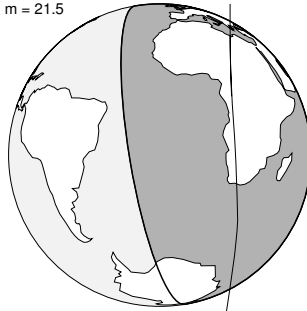
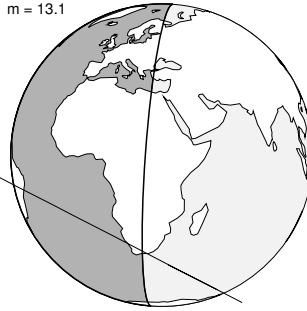
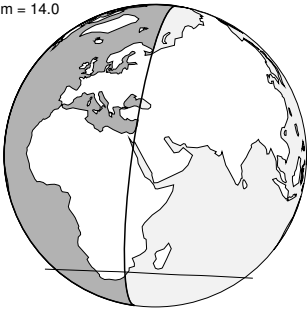
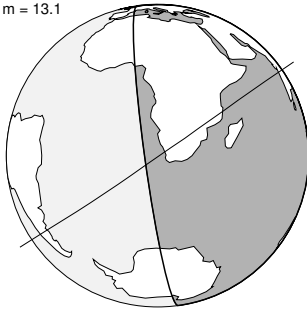
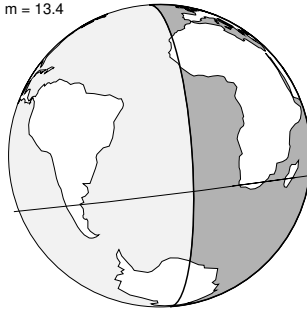
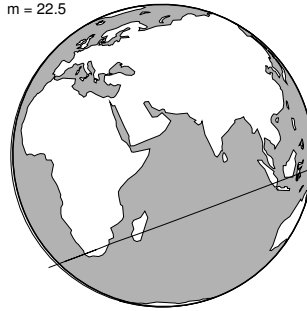
Occultations by major and minor planets – 2020

Region 4

<p>2020 jun 28 4h15.7m A20_06069 535 Montague UCAC4 335-215127 Diam = 77.0 m = 11.6 m = 13.5</p>  <p>Dur = 10.4s Dmag = 2.1 Sun: 146° Moon: 126°</p>	<p>2020 jul 1 20h20.8m A20_07121 846 Lipperta TYC 6322-01446-1 Diam = 54.2 m = 11.0 m = 14.8</p>  <p>Dur = 5.0s Dmag = 3.9 Sun: 161° Moon: 62°</p>	<p>2020 jul 2 2h 2.6m A20_07001 7 Iris UCAC4 348-137827 Diam = 329.6 m = 11.3 m = 8.9</p>  <p>Dur = 26.5s Dmag = 0.1 Sun: 174° Moon: 35°</p>	<p>2020 jul 3 2h28.4m A20_07058 335 Roberta TYC 6297-00329-1 Diam = 93.6 m = 11.1 m = 11.1</p>  <p>Dur = 14.2s Dmag = 0.7 Sun: 168° Moon: 36°</p>
<p>2020 jul 5 20h59.0m A20_07028 129 Antigone TYC 5732-01204-1 Diam = 113.0 m = 11.0 m = 10.0</p>  <p>Dur = 12.1s Dmag = 0.4 Sun: 165° Moon: 12°</p>	<p>2020 jul 9 23h10.6m A20_07149 4489 1988AK TYC 6979-01158-1 Diam = 66.1 m = 12.0 m = 16.6</p>  <p>Dur = 5.6s Dmag = 4.6 Sun: 125° Moon: 19°</p>	<p>2020 jul 10 2h36.0m A20_07052 303 Josephina UCAC4 314-243015 Diam = 103.0 m = 12.0 m = 13.3</p>  <p>Dur = 8.4s Dmag = 1.6 Sun: 166° Moon: 46°</p>	<p>2020 jul 14 20h56.6m A20_07004 7 Iris UCAC4 349-126058 Diam = 329.6 m = 12.3 m = 9.2</p>  <p>Dur = 29.8s Dmag = 0.1 Sun: 159° Moon: 131°</p>
<p>2020 jul 17 19h39.5m A20_07035 155 Scylla UCAC4 278-115387 Diam = 49.5 m = 12.1 m = 16.9</p>  <p>Dur = 4.6s Dmag = 4.8 Sun: 142° Moon: 168°</p>	<p>2020 jul 20 19h19.5m A20_07067 337 Devosa TYC 7417-00506-1 Diam = 63.2 m = 11.5 m = 12.6</p>  <p>Dur = 5.4s Dmag = 1.4 Sun: 160° Moon: 161°</p>	<p>2020 jul 21 18h10.9m B20_07012 2004HQ79 UCAC4 339-073598 Diam = 114.8 m = 13.0 m = 23.8</p>  <p>Dur = 13.3s Dmag = 10.8 Sun: 119° Moon: 106°</p>	<p>2020 jul 22 0h28.9m A20_07005 7 Iris Gaia 070-0426784 Diam = 329.6 m = 12.2 m = 9.3</p>  <p>Dur = 34.6s Dmag = 0.1 Sun: 151° Moon: 134°</p>
<p>2020 jul 23 21h27.4m A20_07114 779 Nina UCAC4 313-085243 Diam = 72.0 m = 11.4 m = 12.3</p>  <p>Dur = 10.1s Dmag = 1.3 Sun: 121° Moon: 81°</p>	<p>2020 jul 31 4h 7.5m A20_07074 405 Thia HIP 114744 Diam = 129.0 m = 8.6 m = 13.3</p>  <p>Dur = 16.9s Dmag = 4.8 Sun: 131° Moon: 89°</p>	<p>2020 aug 5 1h31.3m A20_08035 136 Austria HIP 98916 Diam = 41.7 m = 8.8 m = 12.1</p>  <p>Dur = 5.2s Dmag = 3.3 Sun: 161° Moon: 33°</p>	<p>2020 aug 7 18h57.2m B20_08006 523711 2014JH80 UCAC4 428-119692 Diam = 173.8 m = 12.9 m = 22.2</p>  <p>Dur = 6.7s Dmag = 9.4 Sun: 168° Moon: 48°</p>

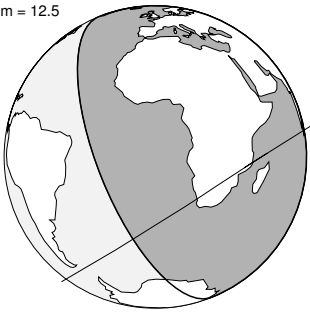
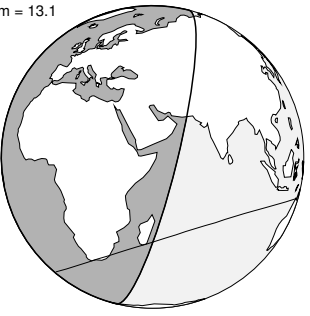
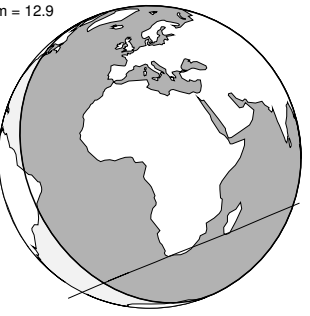
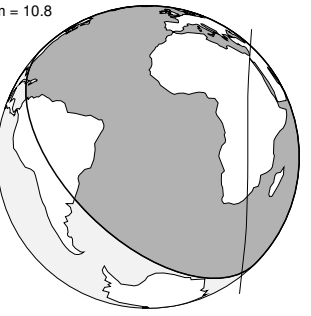
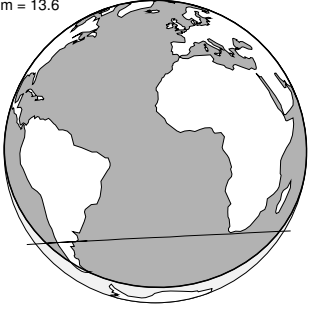
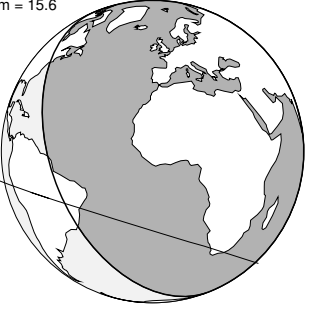

Occultations by major and minor planets – 2020

Region 4

<p>2020 aug 14 19h54.4m A20_08073 490 Veritas Gaia 079–0306451 Diam = 121.0 m = 11.6 m = 13.4</p>  <p>Dur = 19.1s Dmag = 2.0 Sun: 134° Moon: 165°</p>	<p>2020 aug 18 16h59.3m A20_08060 335 Roberta TYC 6290–00841–1 Diam = 93.6 m = 11.7 m = 11.9</p>  <p>Dur = 35.2s Dmag = 0.9 Sun: 137° Moon: 142°</p>	<p>2020 aug 31 22h15.2m A20_08106 2494 Inge UCAC4 335–121613 Diam = 57.7 m = 11.3 m = 16.2</p>  <p>Dur = 8.2s Dmag = 4.9 Sun: 108° Moon: 57°</p>	<p>2020 sep 2 3h 8.4m A20_09104 754 Malabar HIP 6516 Diam = 89.1 m = 8.7 m = 14.1</p>  <p>Dur = 8.0s Dmag = 5.4 Sun: 138° Moon: 42°</p>
<p>2020 sep 3 3h 8.5m A20_09019 52 Europa TYC 1317–00026–1 Diam = 278.0 m = 9.1 m = 11.9</p>  <p>Dur = 10.1s Dmag = 2.9 Sun: 69° Moon: 100°</p>	<p>2020 sep 3 20h59.7m A20_09120 1977 Shura TYC 6808–00784–1 Diam = 60.8 m = 11.0 m = 16.4</p>  <p>Dur = 3.4s Dmag = 5.4 Sun: 91° Moon: 106°</p>	<p>2020 sep 8 21h44.2m A20_09128 15810 Arawn UCAC4 351–177142 Diam = 120.2 m = 12.0 m = 23.4</p>  <p>Dur = 10.9s Dmag = 11.4 Sun: 123° Moon: 130°</p>	<p>2020 sep 21 20h30.8m A20_09092 532 Herculina UCAC4 319–186915 Diam = 216.5 m = 12.0 m = 11.0</p>  <p>Dur = 16.4s Dmag = 0.4 Sun: 97° Moon: 37°</p>
<p>2020 sep 23 18h36.4m A20_09032 110 Lydia PPMX 12674809 Diam = 89.1 m = 12.1 m = 12.8</p>  <p>Dur = 4.9s Dmag = 1.2 Sun: 88° Moon: 6°</p>	<p>2020 sep 28 17h53.9m A20_09074 372 Palma TYC 7862–00957–1 Diam = 195.0 m = 9.3 m = 14.1</p>  <p>Dur = 7.3s Dmag = 4.8 Sun: 68° Moon: 77°</p>	<p>2020 sep 29 19h45.1m B20_09003 55576 Amycus UCAC4 312–243755 Diam = 114.8 m = 14.5 m = 21.5</p>  <p>Dur = 27.1s Dmag = 7.0 Sun: 101° Moon: 55°</p>	<p>2020 oct 1 4h 9.0m A20_10016 41 Daphne TYC 0161–00799–1 Diam = 182.0 m = 9.8 m = 13.1</p>  <p>Dur = 9.4s Dmag = 3.4 Sun: 83° Moon: 102°</p>
<p>2020 oct 2 3h37.8m A20_10089 566 Stereoscopia UCAC5 566–035598 Diam = 175.0 m = 12.5 m = 14.0</p>  <p>Dur = 8.9s Dmag = 1.8 Sun: 81° Moon: 96°</p>	<p>2020 oct 2 17h24.5m A20_10075 385 Ilmatar TYC 7414–01299–1 Diam = 94.1 m = 11.9 m = 13.1</p>  <p>Dur = 6.1s Dmag = 1.5 Sun: 94° Moon: 93°</p>	<p>2020 oct 16 18h31.8m A20_10039 121 Hermione UCAC4 309–240274 Diam = 217.0 m = 12.3 m = 13.4</p>  <p>Dur = 9.7s Dmag = 1.4 Sun: 77° Moon: 79°</p>	<p>2020 oct 27 19h21.4m B20_10005 506121 2016BP81 UCAC4 496–002194 Diam = 239.9 m = 13.1 m = 22.5</p>  <p>Dur = 9.7s Dmag = 9.4 Sun: 169° Moon: 32°</p>

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<p>2020 oct 27 19h40.7m A20_10044 138 Tolosa TYC 6376-01369-1 Diam = 47.5 m = 8.9 m = 12.5</p>  <p>Dur = 4.9s Dmag = 3.6 Sun: 112° Moon: 26°</p>	<p>2020 nov 3 1h57.0m A20_11088 679 Pax UCAC4 501-047925 Diam = 65.5 m = 12.2 m = 13.1</p>  <p>Dur = 6.6s Dmag = 1.3 Sun: 99° Moon: 54°</p>	<p>2020 nov 24 20h48.5m A20_11010 34 Circe UCAC5 482-002482 Diam = 118.0 m = 12.5 m = 12.9</p>  <p>Dur = 15.0s Dmag = 1.0 Sun: 144° Moon: 25°</p>	<p>2020 nov 29 22h22.0m A20_11099 747 Winchester TYC 5857-01920-1 Diam = 178.0 m = 11.4 m = 10.8</p>  <p>Dur = 23.2s Dmag = 0.5 Sun: 123° Moon: 52°</p>
<p>2020 dec 13 0h51.5m A20_12093 483 Seppina UCAC4 436-008885 Diam = 73.5 m = 12.5 m = 13.6</p>  <p>Dur = 5.2s Dmag = 1.4 Sun: 153° Moon: 151°</p>	<p>2020 dec 18 21h19.7m A20_12130 1032 Pafuri TYC 0639-01415-1 Diam = 59.1 m = 9.9 m = 15.6</p>  <p>Dur = 8.7s Dmag = 5.7 Sun: 132° Moon: 78°</p>	<p>2020 dec 19 0h21.4m A20_12127 971 Alsatia UCAC4 587-031418 Diam = 66.7 m = 11.6 m = 12.7</p>  <p>Dur = 6.4s Dmag = 1.4 Sun: 168° Moon: 135°</p>	