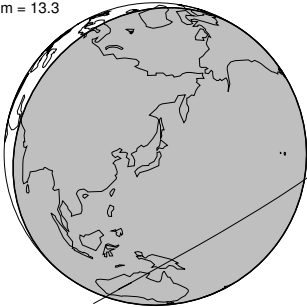
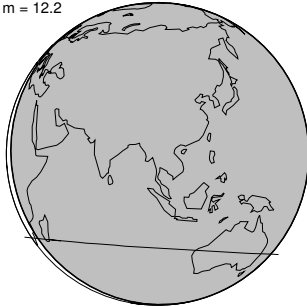
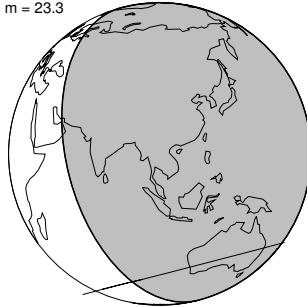

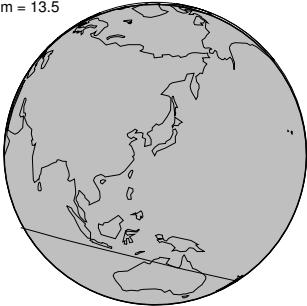
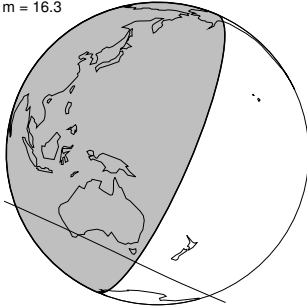
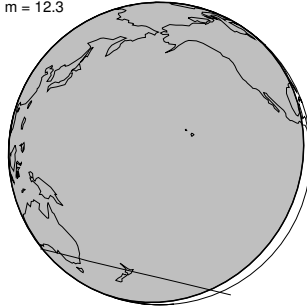
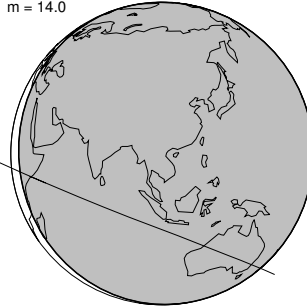
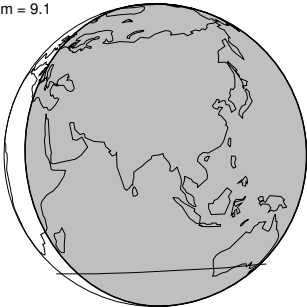
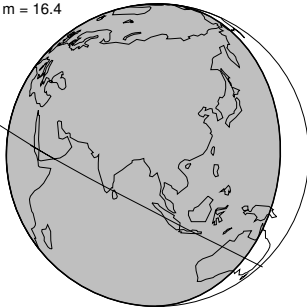
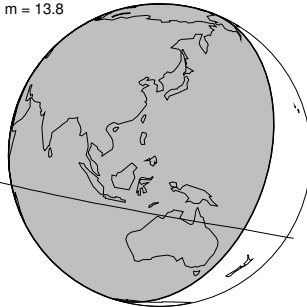
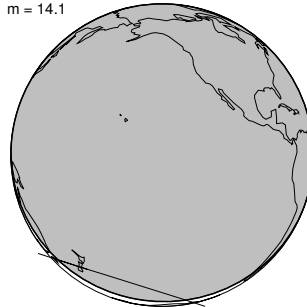
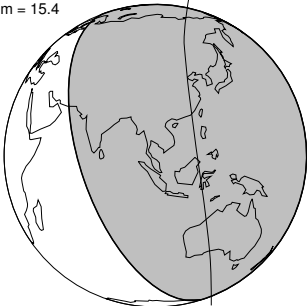
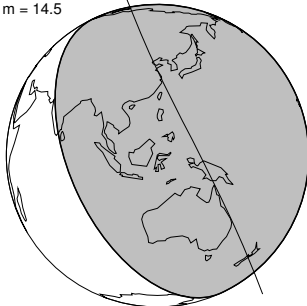
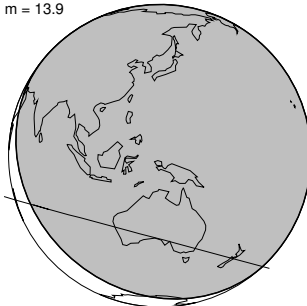
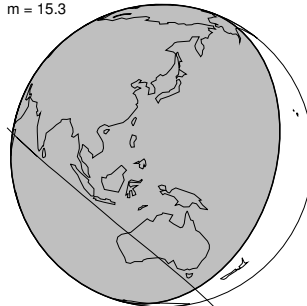


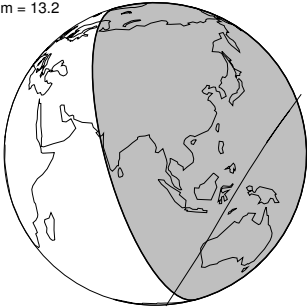

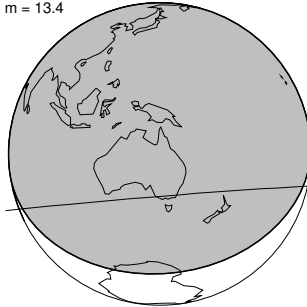
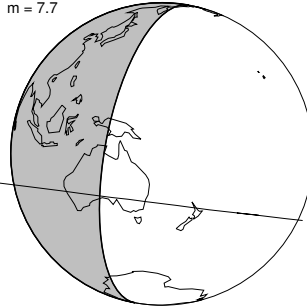
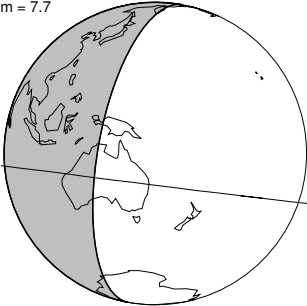
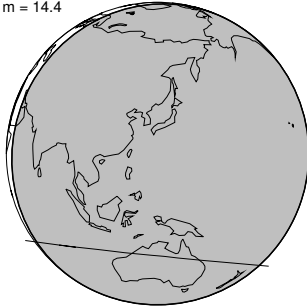
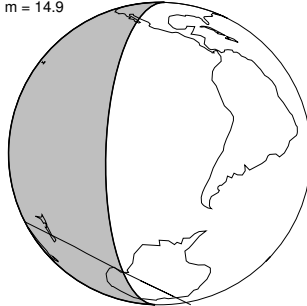
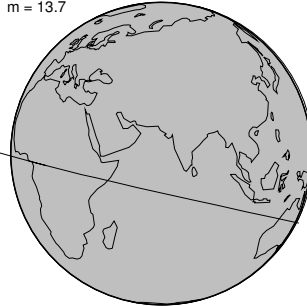
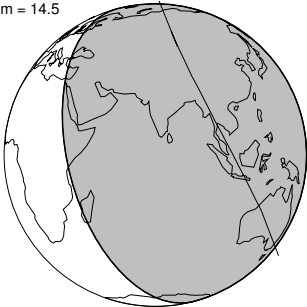
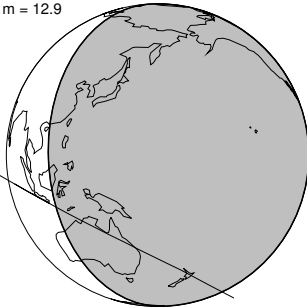
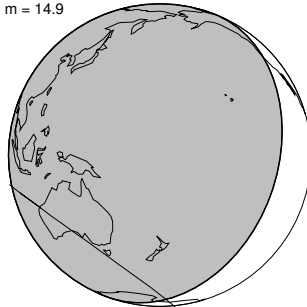
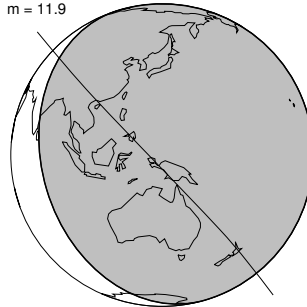
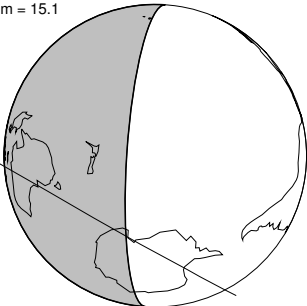
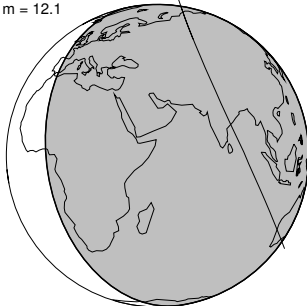
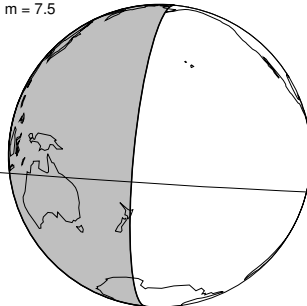
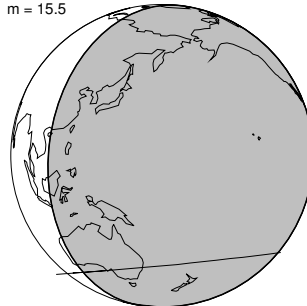
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<p>2018 jan 1 13h20.5m A18_01122 1113 Katja HSOY 534351904 Diam = 44.7 m = 12.2 m = 13.3</p>  <p>Dur = 4.2s Dmag = 1.4 Sun: 154° Moon: 23°</p>	<p>2018 jan 1 16h26.0m A18_01013 50 Virginia HSOY 525144624 Diam = 59.2 m = 12.5 m = 12.2</p>  <p>Dur = 6.7s Dmag = 0.6 Sun: 165° Moon: 8°</p>	<p>2018 jan 4 13h34.7m B18_01008 2004VB131 HSOY 519289776 Diam = 208.9 m = 14.2 m = 23.3</p>  <p>Dur = 14.4s Dmag = 9.1 Sun: 128° Moon: 87°</p>	<p>2018 jan 5 15h48.4m A18_01005 8 Flora TYC 1343-02834-1 Diam = 141.0 m = 10.9 m = 8.3</p>  <p>Dur = 15.8s Dmag = 0.1 Sun: 175° Moon: 53°</p>
<p>2018 jan 6 15h31.9m A18_01071 438 Zeuxo HSOY 553524497 Diam = 63.6 m = 11.2 m = 13.5</p>  <p>Dur = 5.0s Dmag = 2.4 Sun: 170° Moon: 61°</p>	<p>2018 jan 6 18h31.8m A18_01103 846 Lipperta TYC 4940-00321-1 Diam = 54.2 m = 11.1 m = 16.3</p>  <p>Dur = 7.6s Dmag = 5.3 Sun: 102° Moon: 14°</p>	<p>2018 jan 8 12h39.3m A18_01052 308 Polyxo TYC 0805-00397-1 Diam = 148.0 m = 10.1 m = 12.3</p>  <p>Dur = 13.1s Dmag = 2.4 Sun: 159° Moon: 66°</p>	<p>2018 jan 8 15h49.6m A18_01107 891 Gunhild HSOY 525313533 Diam = 53.6 m = 12.1 m = 14.0</p>  <p>Dur = 4.4s Dmag = 2.1 Sun: 161° Moon: 106°</p>
<p>2018 jan 11 16h 1.1m A18_01011 20 Massalia HSOY 525544040 Diam = 151.0 m = 12.2 m = 9.1</p>  <p>Dur = 32.0s Dmag = 0.1 Sun: 149° Moon: 152°</p>	<p>2018 jan 11 20h14.0m A18_01139 2453 Wabash HIP 49628 Diam = 45.7 m = 11.1 m = 16.4</p>  <p>Dur = 4.6s Dmag = 5.2 Sun: 144° Moon: 88°</p>	<p>2018 jan 16 18h37.5m A18_01051 303 Josephina HSOY 579548478 Diam = 103.0 m = 11.4 m = 13.8</p>  <p>Dur = 17.8s Dmag = 2.5 Sun: 135° Moon: 132°</p>	<p>2018 jan 17 9h20.9m A18_01053 319 Leona TYC 0191-01907-1 Diam = 73.3 m = 11.5 m = 14.1</p>  <p>Dur = 6.0s Dmag = 2.7 Sun: 165° Moon: 166°</p>
<p>2018 jan 18 13h19.5m A18_01130 1345 Potomac HSOY 519040603 Diam = 79.3 m = 11.9 m = 15.4</p>  <p>Dur = 12.8s Dmag = 3.5 Sun: 119° Moon: 104°</p>	<p>2018 jan 19 12h44.0m A18_01116 909 Ulla UCAC4-453-006971 Diam = 120.0 m = 12.3 m = 14.5</p>  <p>Dur = 12.1s Dmag = 2.3 Sun: 125° Moon: 101°</p>	<p>2018 jan 20 14h 1.4m A18_01067 392 Wilhelmina HSOY 537469866 Diam = 64.6 m = 10.1 m = 13.9</p>  <p>Dur = 5.7s Dmag = 3.8 Sun: 153° Moon: 122°</p>	<p>2018 jan 21 18h 7.7m A18_01080 530 Turandot HSOY 579580370 Diam = 89.3 m = 11.7 m = 15.3</p>  <p>Dur = 8.8s Dmag = 3.7 Sun: 138° Moon: 169°</p>

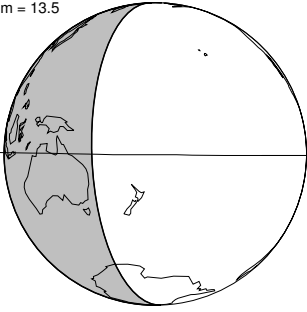
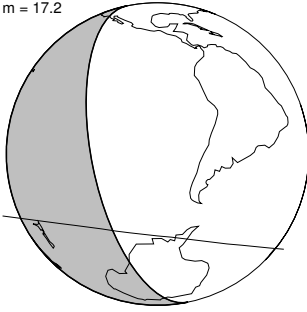
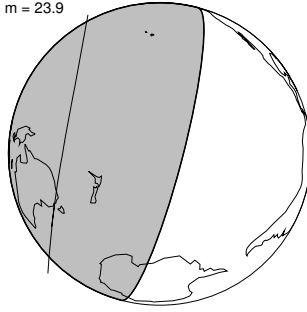
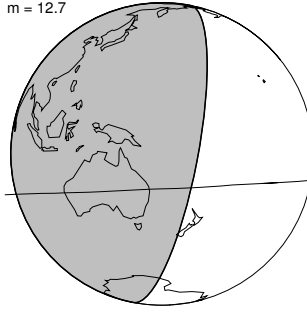
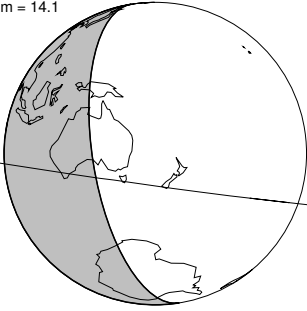
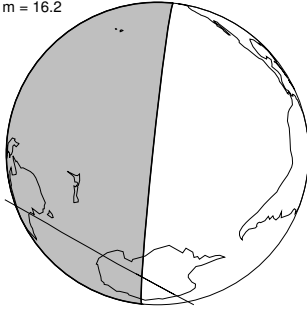
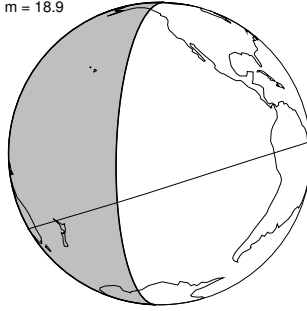
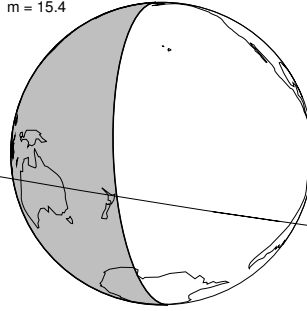
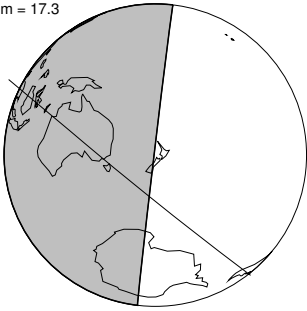
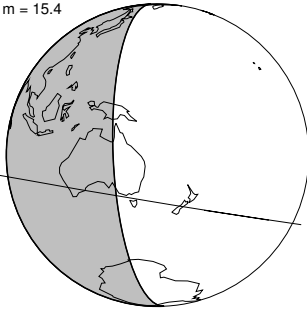
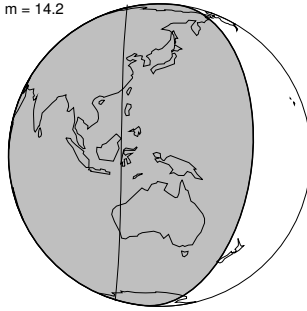
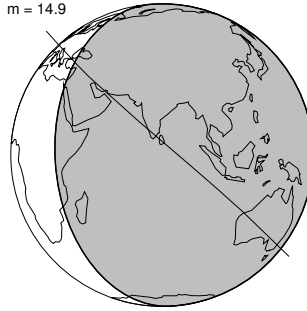
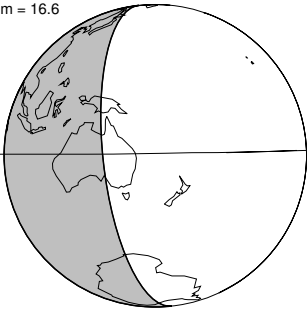
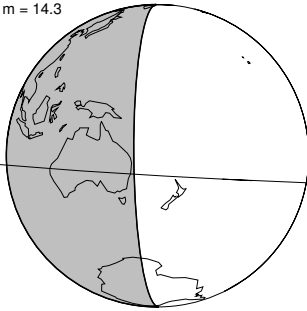
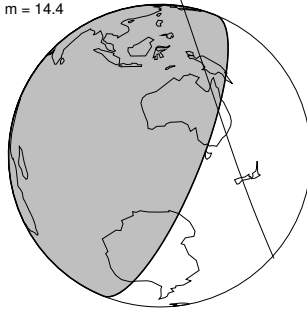
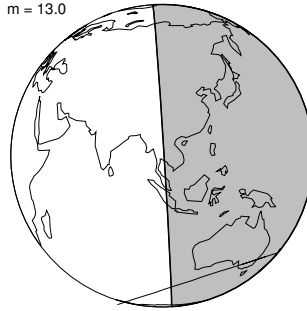
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<p>2018 jan 23 12h56.6m A18_01078 488 Kreusa HSOY 519220500 Diam = 158.0 m = 11.3 m = 13.2</p>  <p>Dur = 22.8s Dmag = 2.1 Sun: 109° Moon: 36°</p>	<p>2018 jan 23 14h10.1m B18_01001 33340 1998VG44 HSOY 546430651 Diam = 208.9 m = 14.4 m = 21.2</p>  <p>Dur = 9.4s Dmag = 6.8 Sun: 158° Moon: 85°</p>	<p>2018 feb 3 14h59.5m A18_02089 914 Palisana TYC 6041-00520-1 Diam = 79.0 m = 10.8 m = 13.4</p>  <p>Dur = 5.3s Dmag = 2.7 Sun: 142° Moon: 45°</p>	<p>2018 feb 6 20h55.6m A18_02004 4 Vesta HSOY 035872756 Diam = 523.2 m = 11.0 m = 7.7</p>  <p>Dur = 16.9s Dmag = 0.0 Sun: 67° Moon: 31°</p>
<p>2018 feb 6 21h 6.4m A18_02005 4 Vesta TYC 6216-00783-1 Diam = 523.2 m = 10.1 m = 7.7</p>  <p>Dur = 16.9s Dmag = 0.1 Sun: 67° Moon: 31°</p>	<p>2018 feb 8 14h19.0m A18_02104 1135 Colchis HSOY 555643545 Diam = 51.5 m = 12.0 m = 14.4</p>  <p>Dur = 4.3s Dmag = 2.5 Sun: 162° Moon: 117°</p>	<p>2018 feb 11 14h 2.9m A18_02017 36 Atalante HSOY 011492800 Diam = 109.0 m = 12.3 m = 14.9</p>  <p>Dur = 4.2s Dmag = 2.7 Sun: 69° Moon: 28°</p>	<p>2018 feb 13 20h18.1m A18_02077 613 Ginevra PPMX 6220083 Diam = 82.0 m = 11.9 m = 13.7</p>  <p>Dur = 6.4s Dmag = 2.0 Sun: 170° Moon: 149°</p>
<p>2018 feb 14 15h37.2m A18_02096 1031 Arctica HSOY 536241563 Diam = 78.0 m = 11.0 m = 14.5</p>  <p>Dur = 13.5s Dmag = 3.6 Sun: 125° Moon: 137°</p>	<p>2018 feb 17 10h31.1m A18_02027 67 Asia PPMX 7064212 Diam = 60.0 m = 12.4 m = 12.9</p>  <p>Dur = 8.5s Dmag = 1.1 Sun: 136° Moon: 118°</p>	<p>2018 feb 20 15h 4.3m A18_02053 260 Huberta HSOY 576308209 Diam = 101.0 m = 8.8 m = 14.9</p>  <p>Dur = 10.8s Dmag = 6.1 Sun: 141° Moon: 163°</p>	<p>2018 feb 21 12h42.2m A18_02026 57 Mnemosyne TYC 0181-00581-1 Diam = 116.0 m = 11.6 m = 11.9</p>  <p>Dur = 11.1s Dmag = 0.9 Sun: 142° Moon: 80°</p>
<p>2018 feb 21 16h47.2m A18_02106 1241 Dysona PPMX 15583293 Diam = 86.2 m = 12.3 m = 15.1</p>  <p>Dur = 3.4s Dmag = 2.9 Sun: 79° Moon: 137°</p>	<p>2018 feb 21 17h54.7m A18_02041 185 Eunike HSOY 541989543 Diam = 165.0 m = 12.3 m = 12.1</p>  <p>Dur = 13.4s Dmag = 0.7 Sun: 137° Moon: 69°</p>	<p>2018 feb 27 17h58.7m A18_02006 4 Vesta HSOY 043326957 Diam = 523.2 m = 11.2 m = 7.5</p>  <p>Dur = 21.3s Dmag = 0.0 Sun: 80° Moon: 131°</p>	<p>2018 feb 28 10h40.5m A18_02110 1297 Quadea HSOY 550121189 Diam = 66.0 m = 11.8 m = 15.5</p>  <p>Dur = 11.1s Dmag = 3.8 Sun: 138° Moon: 20°</p>

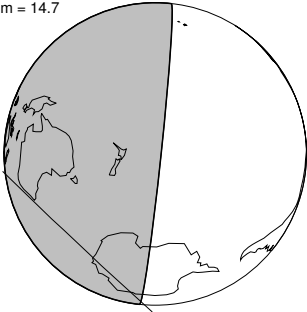
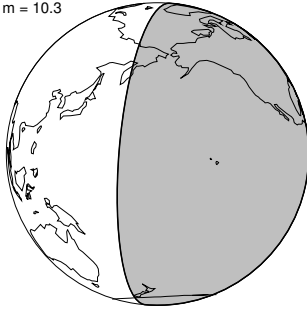
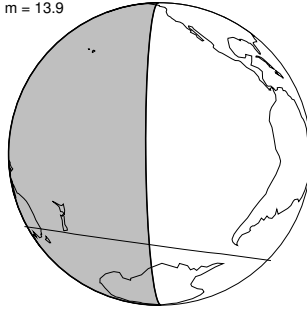
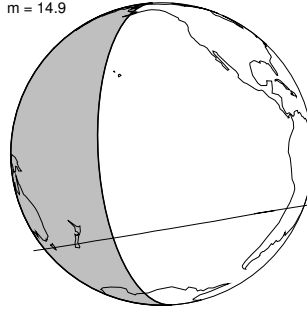
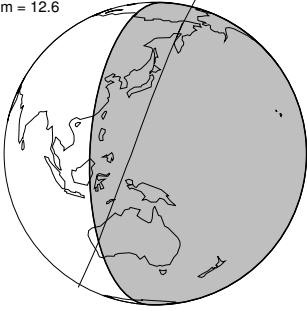
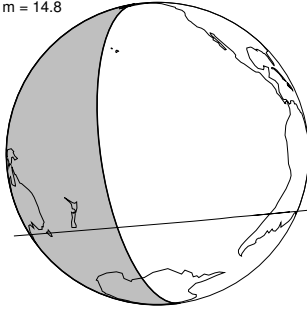
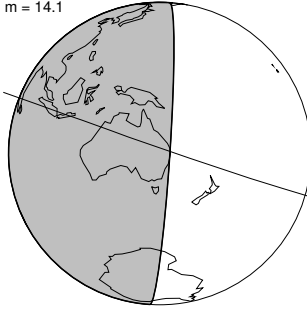
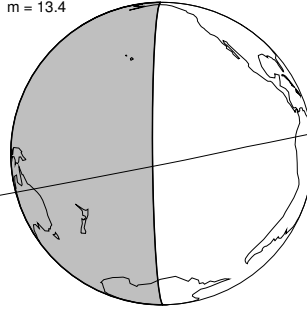
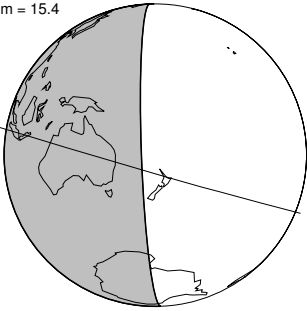
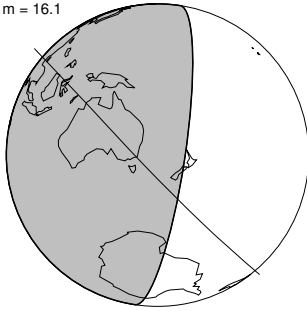
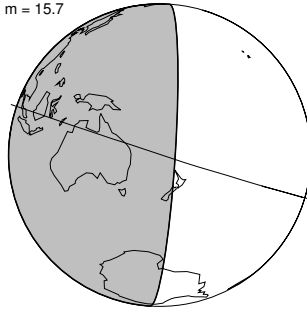
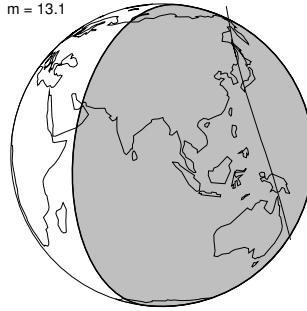
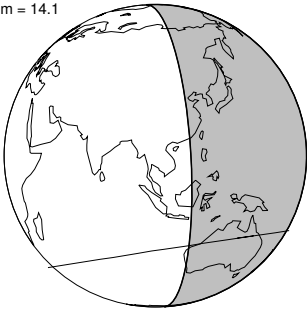
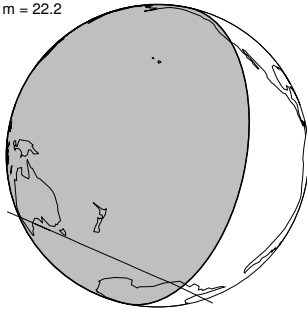
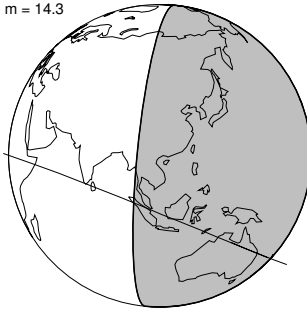
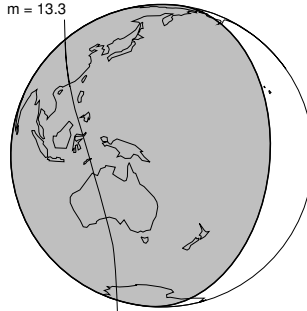
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<p>2018 feb 28 19h32.0m A18_02034 144 Vibia Diam = 178.0 m = 13.5</p>  <p>Dur = 5.9s Sun: 65°</p> <p>Dmag = 4.2 Moon: 131°</p>	<p>2018 mar 1 14h21.9m A18_03146 1404 Ajax Diam = 92.0 m = 17.2</p>  <p>Dur = 3.5s Sun: 64°</p> <p>Dmag = 5.1 Moon: 122°</p>	<p>2018 mar 1 15h20.7m B18_03008 2001FU172 Diam = 87.1 m = 23.9</p>  <p>Dur = 10.6s Sun: 98°</p> <p>Dmag = 9.1 Moon: 87°</p>	<p>2018 mar 2 18h33.4m A18_03034 103 Hera Diam = 95.2 m = 12.7</p>  <p>Dur = 8.8s Sun: 103°</p> <p>Dmag = 1.7 Moon: 66°</p>
<p>2018 mar 4 21h 0.5m A18_03052 250 Bettina Diam = 85.5 m = 14.1</p>  <p>Dur = 3.1s Sun: 65°</p> <p>Dmag = 2.3 Moon: 79°</p>	<p>2018 mar 5 15h26.1m A18_03119 778 Theobalda Diam = 67.3 m = 16.2</p>  <p>Dur = 4.5s Sun: 88°</p> <p>Dmag = 4.1 Moon: 49°</p>	<p>2018 mar 5 15h48.4m B18_03003 50000 Quaoar Diam = 1250.0 m = 18.9</p>  <p>Dur = 87.4s Sun: 73°</p> <p>Dmag = 4.2 Moon: 60°</p>	<p>2018 mar 6 17h57.2m A18_03099 593 Titania Diam = 78.2 m = 15.4</p>  <p>Dur = 3.3s Sun: 71°</p> <p>Dmag = 3.5 Moon: 50°</p>
<p>2018 mar 6 18h28.2m A18_03153 3012 Minsk Diam = 64.1 m = 17.3</p>  <p>Dur = 3.5s Sun: 89°</p> <p>Dmag = 6.4 Moon: 38°</p>	<p>2018 mar 8 20h42.3m A18_03101 593 Titania Diam = 78.2 m = 15.4</p>  <p>Dur = 3.4s Sun: 72°</p> <p>Dmag = 4.6 Moon: 24°</p>	<p>2018 mar 9 18h43.0m A18_03116 754 Malabar Diam = 89.1 m = 14.2</p>  <p>Dur = 7.7s Sun: 127°</p> <p>Dmag = 2.7 Moon: 43°</p>	<p>2018 mar 10 15h46.6m A18_03144 1243 Pamela Diam = 75.5 m = 14.9</p>  <p>Dur = 9.7s Sun: 134°</p> <p>Dmag = 3.9 Moon: 143°</p>
<p>2018 mar 10 20h47.0m A18_03107 659 Nestor Diam = 115.0 m = 16.6</p>  <p>Dur = 4.6s Sun: 69°</p> <p>Dmag = 6.3 Moon: 9°</p>	<p>2018 mar 11 19h44.7m A18_03027 77 Frigga Diam = 71.0 m = 14.3</p>  <p>Dur = 3.5s Sun: 80°</p> <p>Dmag = 2.2 Moon: 17°</p>	<p>2018 mar 11 20h17.9m A18_03148 1467 Mashona Diam = 112.0 m = 14.4</p>  <p>Dur = 8.3s Sun: 105°</p> <p>Dmag = 2.9 Moon: 50°</p>	<p>2018 mar 12 11h20.4m A18_03024 59 Elpis Diam = 173.0 m = 13.0</p>  <p>Dur = 9.4s Sun: 89°</p> <p>Dmag = 1.2 Moon: 146°</p>

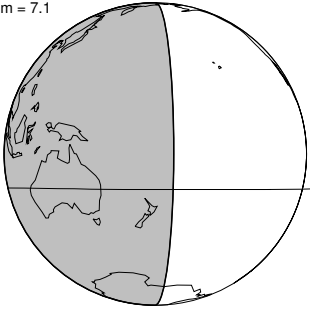
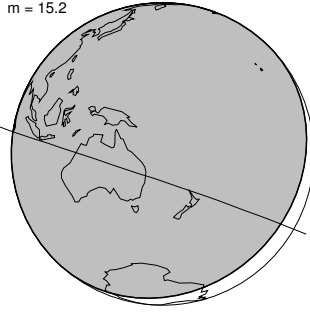
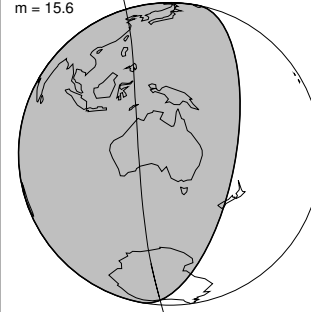
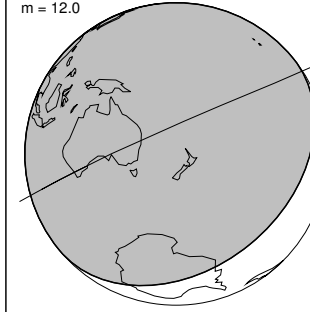
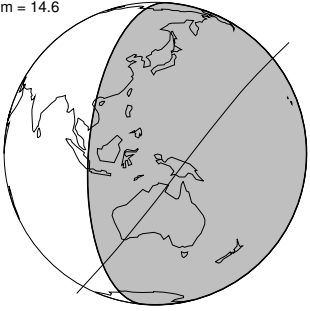
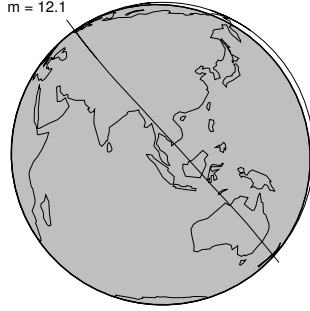
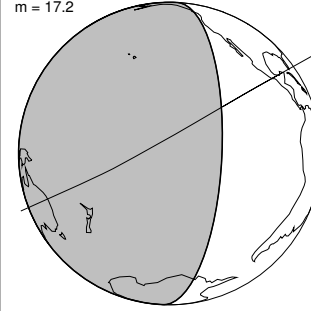
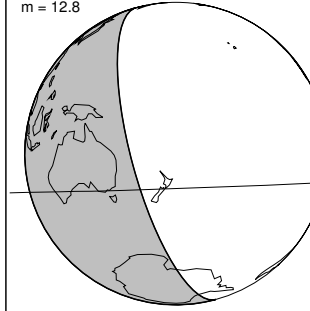
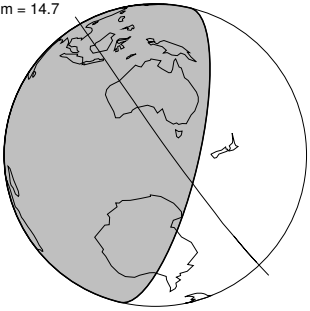
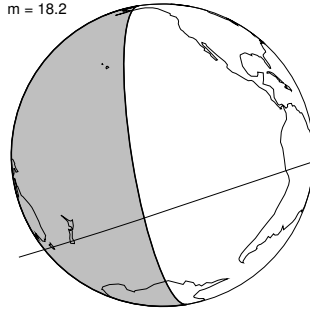
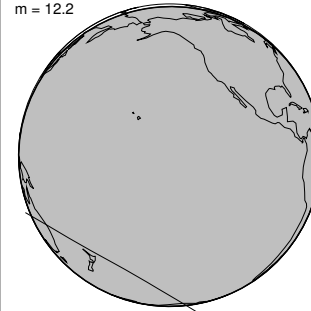
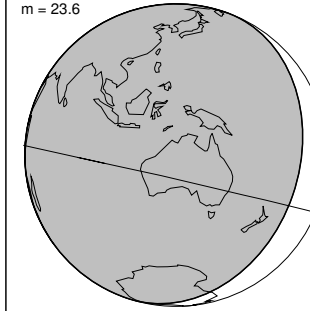
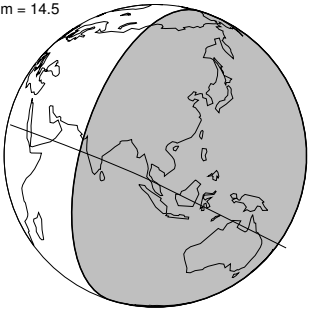
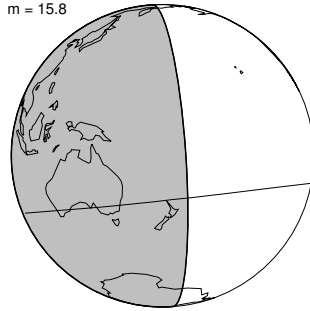
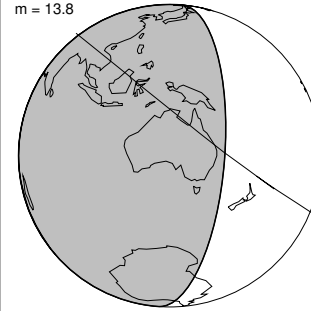
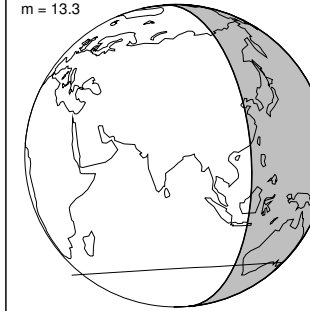
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<p>2018 mar 12 16h57.4m A18_03018 36 Atalante HSOY 012665559 Diam = 109.0 m = 12.2 m = 14.7</p>  <p>Dur = 6.9s Dmag = 2.6 Sun: 92° Moon: 41°</p>	<p>2018 mar 15 7h11.2m A18_03004 8 Flora TYC 1884-00709-1 Diam = 141.0 m = 10.7 m = 10.3</p>  <p>Dur = 12.3s Dmag = 0.6 Sun: 104° Moon: 131°</p>	<p>2018 mar 15 14h59.7m A18_03095 578 Happelia TYC 6850-01480-1 Diam = 71.6 m = 10.6 m = 13.9</p>  <p>Dur = 3.1s Dmag = 3.3 Sun: 84° Moon: 62°</p>	<p>2018 mar 15 17h 2.0m A18_03064 357 Ninina HSOY 106433512 Diam = 110.0 m = 12.0 m = 14.9</p>  <p>Dur = 3.8s Dmag = 3.0 Sun: 65° Moon: 44°</p>
<p>2018 mar 16 10h20.7m A18_03044 185 Eunike TYC 0768-01507-1 Diam = 165.0 m = 11.8 m = 12.6</p>  <p>Dur = 14.8s Dmag = 1.2 Sun: 115° Moon: 128°</p>	<p>2018 mar 16 16h58.6m A18_03035 104 Klymene TYC 6875-01802-1 Diam = 127.0 m = 11.4 m = 14.8</p>  <p>Dur = 4.9s Dmag = 3.4 Sun: 67° Moon: 58°</p>	<p>2018 mar 16 19h52.6m A18_03065 362 Havnja HSOY 028281175 Diam = 66.1 m = 11.8 m = 14.1</p>  <p>Dur = 4.3s Dmag = 2.4 Sun: 93° Moon: 85°</p>	<p>2018 mar 18 15h55.0m A18_03047 233 Asterope HSOY 084930457 Diam = 108.0 m = 10.4 m = 13.4</p>  <p>Dur = 5.4s Dmag = 3.1 Sun: 86° Moon: 100°</p>
<p>2018 mar 18 19h 7.3m A18_03087 528 Rezia HSOY 068418010 Diam = 86.2 m = 12.4 m = 15.4</p>  <p>Dur = 4.5s Dmag = 3.1 Sun: 84° Moon: 99°</p>	<p>2018 mar 19 18h36.2m A18_03120 778 Theobalda TYC 7372-00989-1 Diam = 67.3 m = 11.5 m = 16.1</p>  <p>Dur = 7.2s Dmag = 4.6 Sun: 100° Moon: 125°</p>	<p>2018 mar 19 18h36.7m A18_03150 1512 Oulu TYC 6838-00005-1 Diam = 90.0 m = 11.0 m = 15.7</p>  <p>Dur = 6.2s Dmag = 4.7 Sun: 95° Moon: 122°</p>	<p>2018 mar 21 14h27.2m A18_03081 444 Gyptis TYC 0796-01110-1 Diam = 170.0 m = 9.2 m = 13.1</p>  <p>Dur = 27.9s Dmag = 3.9 Sun: 125° Moon: 76°</p>
<p>2018 mar 22 10h25.0m A18_03072 377 Campania HSOY 523942004 Diam = 94.0 m = 10.6 m = 14.1</p>  <p>Dur = 3.8s Dmag = 3.5 Sun: 76° Moon: 15°</p>	<p>2018 mar 24 14h 1.9m A18_03156 2014GJ54 HSOY 031218656 Diam = 144.5 m = 12.1 m = 22.2</p>  <p>Dur = 12.7s Dmag = 10.1 Sun: 125° Moon: 145°</p>	<p>2018 mar 25 11h37.7m A18_03111 696 Leonora TYC 1356-00635-1 Diam = 79.3 m = 11.4 m = 14.3</p>  <p>Dur = 5.9s Dmag = 3.0 Sun: 98° Moon: 3°</p>	<p>2018 mar 25 16h42.1m A18_03079 442 Eichsfeldia TYC 5581-00202-1 Diam = 67.5 m = 8.6 m = 13.3</p>  <p>Dur = 20.8s Dmag = 4.7 Sun: 135° Moon: 120°</p>

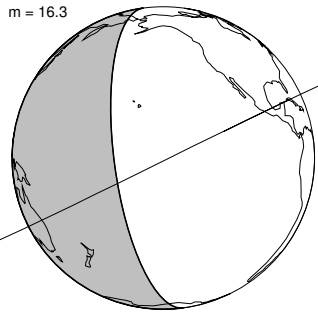
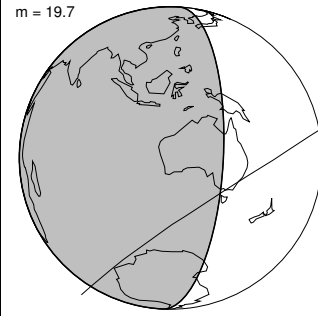
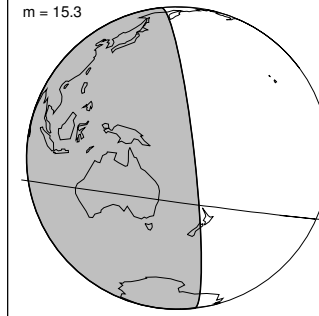
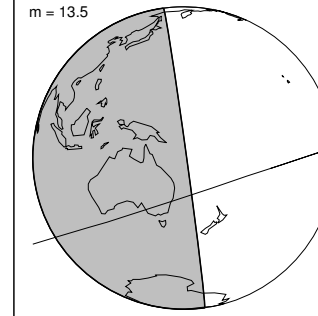
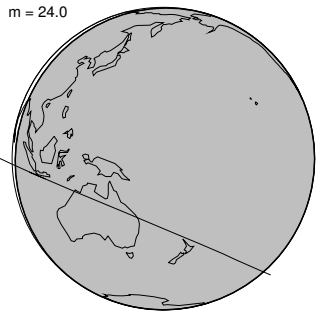
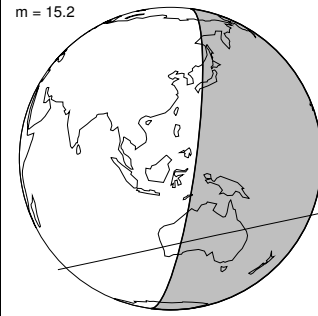
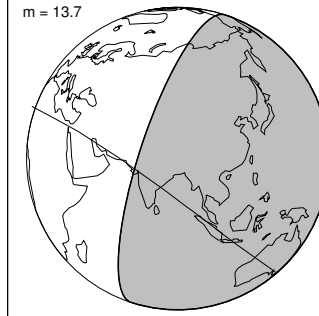
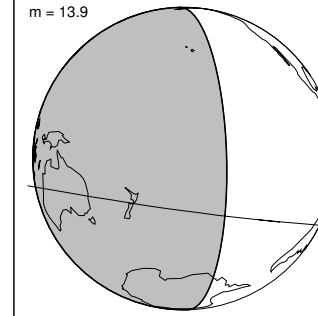
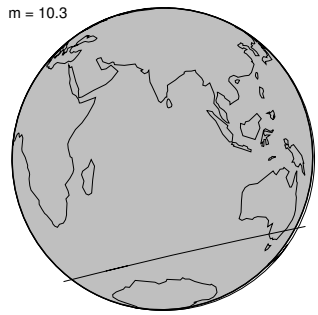
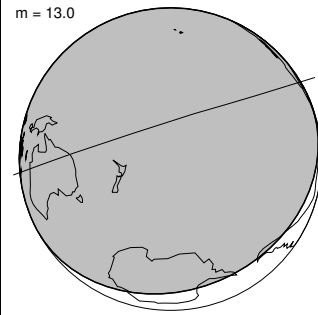
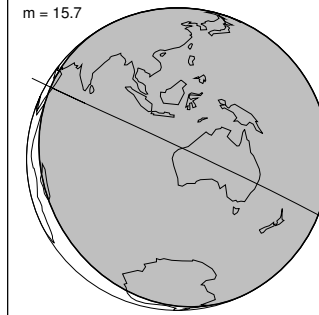
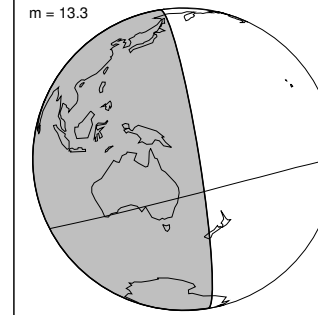
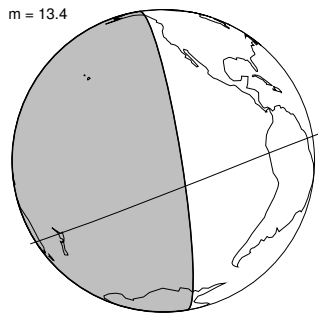
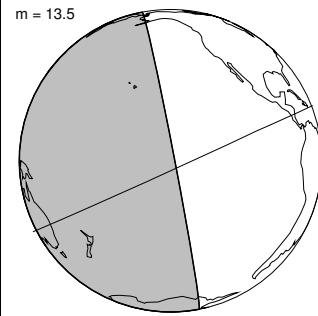
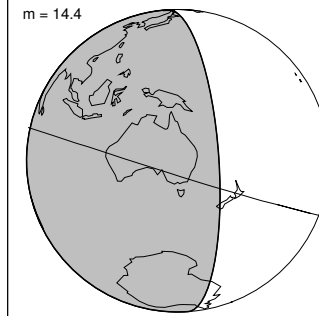
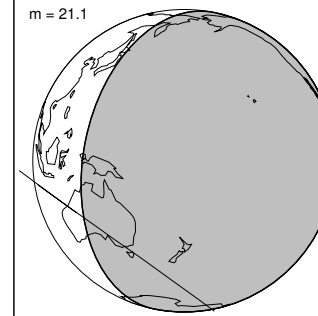
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<p>2018 mar 25 17h48.7m A18_03002 4 Vesta HSOY 046734631 Diam = 523.2 m = 12.0 m = 7.1</p>  <p>Dur = 33.5s Dmag = 0.0 Sun: 96° Moon: 158°</p>	<p>2018 mar 27 14h34.0m A18_03138 1001 Gaussia HSOY 575525344 Diam = 78.3 m = 12.2 m = 15.2</p>  <p>Dur = 6.2s Dmag = 3.1 Sun: 154° Moon: 75°</p>	<p>2018 mar 28 18h57.3m A18_03133 859 Bouzaréah HSOY 021293871 Diam = 77.5 m = 11.8 m = 15.6</p>  <p>Dur = 13.2s Dmag = 3.8 Sun: 115° Moon: 100°</p>	<p>2018 mar 30 14h25.5m A18_03032 96 Aegle TYC 7293-00101-1 Diam = 174.0 m = 11.7 m = 12.0</p>  <p>Dur = 19.3s Dmag = 0.9 Sun: 140° Moon: 51°</p>
<p>2018 mar 31 11h 2.5m A18_03136 957 Camelia HSOY 518063379 Diam = 76.6 m = 11.6 m = 14.6</p>  <p>Dur = 9.9s Dmag = 3.0 Sun: 116° Moon: 65°</p>	<p>2018 mar 31 18h 8.3m A18_03050 246 Asporina HSOY 582182787 Diam = 63.8 m = 12.4 m = 12.1</p>  <p>Dur = 5.4s Dmag = 0.6 Sun: 163° Moon: 11°</p>	<p>2018 apr 1 14h 9.1m A18_04110 1203 Nanna HSOY 039609131 Diam = 44.7 m = 11.8 m = 17.2</p>  <p>Dur = 9.4s Dmag = 5.4 Sun: 110° Moon: 56°</p>	<p>2018 apr 1 19h32.4m A18_04020 70 Panopaea TYC 6917-00023-1 Diam = 127.0 m = 10.4 m = 12.8</p>  <p>Dur = 4.2s Dmag = 2.5 Sun: 72° Moon: 92°</p>
<p>2018 apr 1 19h42.4m A18_04111 1241 Dysona HSOY 243472570 Diam = 86.2 m = 11.5 m = 14.7</p>  <p>Dur = 7.2s Dmag = 3.3 Sun: 106° Moon: 62°</p>	<p>2018 apr 2 15h50.0m A18_04114 1647 Menelaus HSOY 095995111 Diam = 72.0 m = 11.8 m = 18.2</p>  <p>Dur = 3.7s Dmag = 6.4 Sun: 78° Moon: 75°</p>	<p>2018 apr 3 9h24.3m A18_04058 306 Unitas TYC 0295-00734-1 Diam = 49.2 m = 11.7 m = 12.2</p>  <p>Dur = 4.2s Dmag = 1.1 Sun: 168° Moon: 42°</p>	<p>2018 apr 3 17h42.6m B18_04010 1999GS46 HSOY 030415299 Diam = 173.8 m = 14.9 m = 23.6</p>  <p>Dur = 8.8s Dmag = 8.6 Sun: 144° Moon: 8°</p>
<p>2018 apr 5 13h29.0m A18_04080 551 Ortrud TYC 1401-00822-1 Diam = 81.2 m = 9.7 m = 14.5</p>  <p>Dur = 30.8s Dmag = 4.8 Sun: 119° Moon: 121°</p>	<p>2018 apr 5 18h 9.6m A18_04104 931 Whitemora HSOY 086758848 Diam = 52.6 m = 12.5 m = 15.8</p>  <p>Dur = 6.0s Dmag = 3.3 Sun: 98° Moon: 19°</p>	<p>2018 apr 6 19h48.0m A18_04063 362 Havnia TYC 6839-00474-1 Diam = 66.1 m = 11.4 m = 13.8</p>  <p>Dur = 8.7s Dmag = 2.6 Sun: 111° Moon: 11°</p>	<p>2018 apr 7 10h27.9m A18_04048 211 Isolda TYC 1294-00947-1 Diam = 148.0 m = 10.8 m = 13.3</p>  <p>Dur = 4.4s Dmag = 2.6 Sun: 60° Moon: 160°</p>

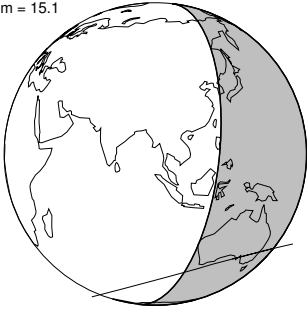
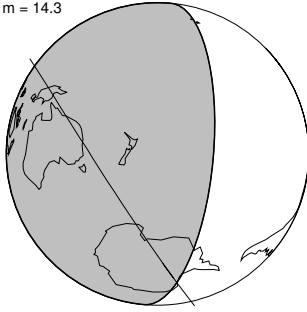
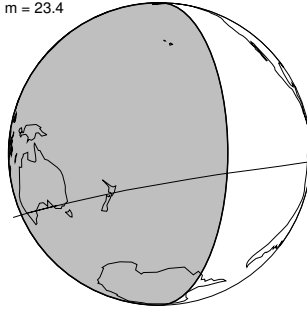
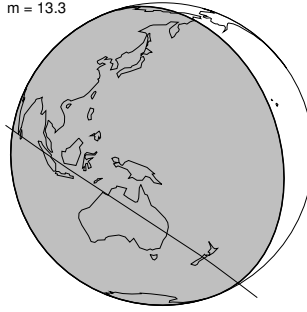
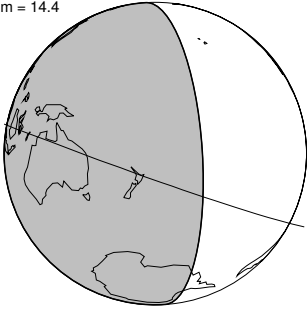
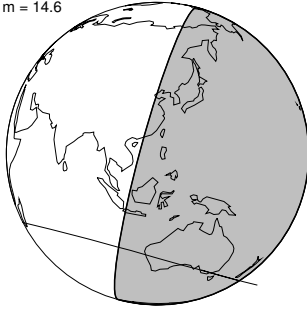
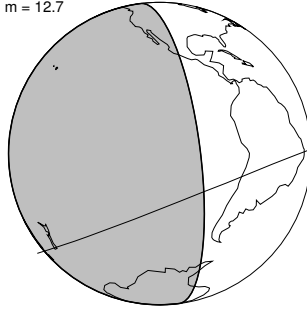
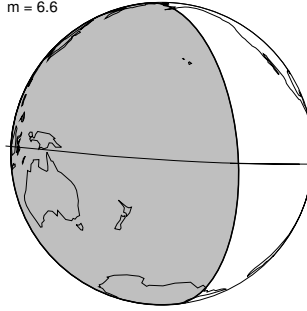
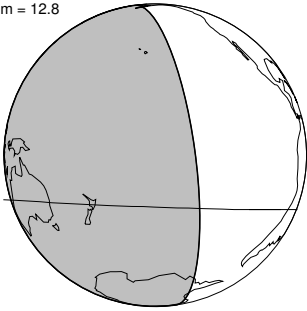
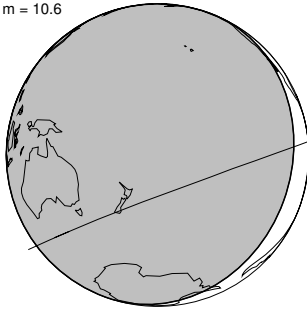
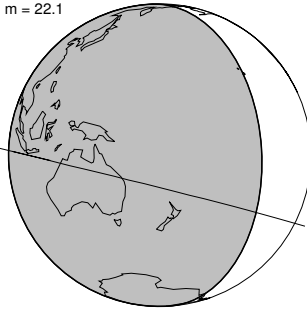
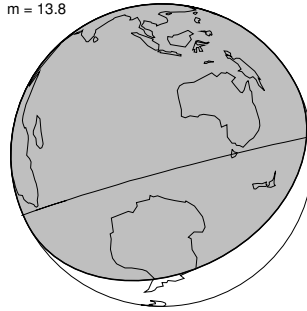
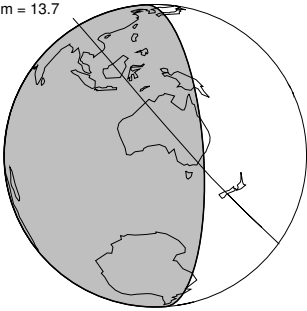
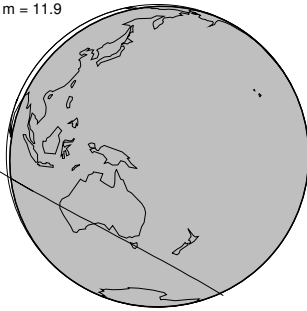
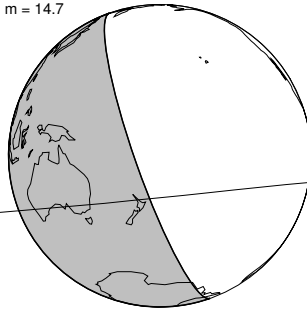
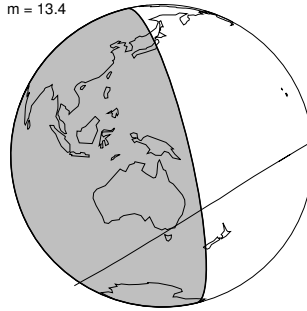
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Region 8

<p>2018 apr 7 17h 2.1m A18_04103 892 Seeligeria TYC 5162-01850-1 Diam = 78.5 m = 10.5 m = 16.3</p>  <p>Dur = 3.1s Dmag = 5.8 Sun: 71° Moon: 30°</p>	<p>2018 apr 7 20h50.4m B18_04001 28978 Ixion HSOY 030022806 Diam = 794.3 m = 14.9 m = 19.7</p>  <p>Dur = 115.3s Dmag = 4.8 Sun: 110° Moon: 18°</p>	<p>2018 apr 9 18h58.3m A18_04082 581 Tauntonia HSOY 090823120 Diam = 67.1 m = 12.4 m = 15.3</p>  <p>Dur = 5.8s Dmag = 3.0 Sun: 96° Moon: 23°</p>	<p>2018 apr 9 19h36.8m A18_04026 119 Althaea HSOY 094596598 Diam = 60.7 m = 11.6 m = 13.5</p>  <p>Dur = 3.5s Dmag = 2.1 Sun: 91° Moon: 18°</p>
<p>2018 apr 10 12h18.6m B18_04008 1994ES2 HSOY 576215363 Diam = 125.9 m = 13.0 m = 24.0</p>  <p>Dur = 5.2s Dmag = 11.0 Sun: 166° Moon: 127°</p>	<p>2018 apr 11 9h30.3m A18_04106 1031 Arctica TYC 0155-00872-1 Diam = 78.0 m = 11.5 m = 15.2</p>  <p>Dur = 3.5s Dmag = 3.7 Sun: 80° Moon: 133°</p>	<p>2018 apr 11 13h32.3m A18_04069 410 Chloris HSOY 556078213 Diam = 128.0 m = 12.0 m = 13.7</p>  <p>Dur = 21.7s Dmag = 1.8 Sun: 104° Moon: 158°</p>	<p>2018 apr 11 15h40.1m A18_04021 77 Frigga HSOY 079309790 Diam = 71.0 m = 10.7 m = 13.9</p>  <p>Dur = 9.4s Dmag = 3.3 Sun: 106° Moon: 53°</p>
<p>2018 apr 11 19h22.9m A18_04043 187 Lamberta HSOY 577192675 Diam = 135.0 m = 12.1 m = 10.3</p>  <p>Dur = 17.1s Dmag = 0.2 Sun: 169° Moon: 118°</p>	<p>2018 apr 14 11h29.7m A18_04091 705 Erminia HSOY 572019435 Diam = 139.0 m = 12.1 m = 13.0</p>  <p>Dur = 9.4s Dmag = 1.3 Sun: 149° Moon: 132°</p>	<p>2018 apr 16 14h41.7m A18_04057 285 Regina TYC 6671-00212-1 Diam = 48.3 m = 11.1 m = 15.7</p>  <p>Dur = 3.4s Dmag = 4.6 Sun: 153° Moon: 145°</p>	<p>2018 apr 16 19h24.7m A18_04046 202 Chryseis HSOY 096181086 Diam = 85.5 m = 12.2 m = 13.3</p>  <p>Dur = 7.1s Dmag = 1.5 Sun: 95° Moon: 106°</p>
<p>2018 apr 17 13h58.4m A18_04027 119 Althaea TYC 6297-00792-1 Diam = 60.7 m = 11.8 m = 13.4</p>  <p>Dur = 4.2s Dmag = 1.8 Sun: 96° Moon: 117°</p>	<p>2018 apr 18 15h24.5m A18_04022 97 Klotho HSOY 116736924 Diam = 87.1 m = 11.5 m = 13.5</p>  <p>Dur = 6.0s Dmag = 2.2 Sun: 91° Moon: 125°</p>	<p>2018 apr 18 19h31.3m A18_04085 636 Erika HSOY 073561649 Diam = 78.3 m = 12.3 m = 14.4</p>  <p>Dur = 6.7s Dmag = 2.3 Sun: 105° Moon: 140°</p>	<p>2018 apr 19 9h 6.7m B18_04012 2013FZ27 HSOY 567235252 Diam = 631.0 m = 13.8 m = 21.1</p>  <p>Dur = 37.4s Dmag = 7.3 Sun: 131° Moon: 89°</p>

Occultations by major and minor planets – 2018

Region 8

<p>2018 apr 19 10h 3.9m A18_04099 780 Armenia PPMX 7003101 Diam = 97.1 m = 12.2 m = 15.1</p>  <p>Dur = 3.3s Dmag = 3.0 Sun: 64° Moon: 21°</p>	<p>2018 apr 19 16h 9.6m A18_04102 795 Fini TYC 7914-00683-1 Diam = 78.7 m = 11.9 m = 14.3</p>  <p>Dur = 6.4s Dmag = 2.4 Sun: 111° Moon: 149°</p>	<p>2018 apr 20 15h 1.5m B18_04005 413666 2005VJ119 UCAC4-315-167187 Diam = 30.2 m = 13.5 m = 23.4</p>  <p>Dur = 5.1s Dmag = 9.8 Sun: 116° Moon: 172°</p>	<p>2018 apr 21 16h24.7m A18_04077 472 Roma TYC 0369-00990-1 Diam = 47.6 m = 13.3</p>  <p>Dur = 5.3s Dmag = 3.7 Sun: 140° Moon: 136°</p>
<p>2018 apr 21 16h46.2m A18_04086 636 Erika HSOY 073480377 Diam = 78.3 m = 12.3 m = 14.4</p>  <p>Dur = 7.4s Dmag = 2.2 Sun: 108° Moon: 170°</p>	<p>2018 apr 23 10h46.1m A18_04033 142 Polana HIP 43058 Diam = 57.0 m = 14.6</p>  <p>Dur = 4.3s Dmag = 5.9 Sun: 96° Moon: 2°</p>	<p>2018 apr 23 12h27.9m A18_04045 198 Ampella HSOY 091951472 Diam = 58.7 m = 11.8 m = 12.7</p>  <p>Dur = 4.9s Dmag = 1.3 Sun: 105° Moon: 156°</p>	<p>2018 apr 24 15h14.0m A18_04002 4 Vesta HSOY 085717308 Diam = 523.2 m = 12.5 m = 6.6</p>  <p>Dur = 109.8s Dmag = 0.0 Sun: 120° Moon: 127°</p>
<p>2018 apr 24 15h19.7m A18_04035 144 Vibilia HSOY 092924630 Diam = 178.0 m = 11.5 m = 12.8</p>  <p>Dur = 16.3s Dmag = 1.6 Sun: 105° Moon: 142°</p>	<p>2018 apr 26 13h 1.1m A18_04006 13 Egeria HSOY 008443126 Diam = 215.0 m = 11.6 m = 10.6</p>  <p>Dur = 19.6s Dmag = 0.4 Sun: 152° Moon: 71°</p>	<p>2018 apr 26 16h 1.9m B18_04014 2014KD102 HSOY 047029603 Diam = 158.5 m = 13.5 m = 22.1</p>  <p>Dur = 11.2s Dmag = 8.6 Sun: 132° Moon: 88°</p>	<p>2018 apr 26 17h58.7m A18_04112 1467 Mashona TYC 8303-00610-1 Diam = 112.0 m = 9.4 m = 13.8</p>  <p>Dur = 9.8s Dmag = 4.4 Sun: 141° Moon: 72°</p>
<p>2018 apr 26 20h27.3m A18_04053 250 Bettina HSOY 062048816 Diam = 85.5 m = 12.3 m = 13.7</p>  <p>Dur = 10.2s Dmag = 1.7 Sun: 108° Moon: 110°</p>	<p>2018 apr 29 12h32.3m A18_04014 34 Circe HSOY 576745332 Diam = 118.0 m = 12.1 m = 11.9</p>  <p>Dur = 12.5s Dmag = 0.7 Sun: 164° Moon: 9°</p>	<p>2018 apr 29 18h39.7m A18_04083 598 Octavia TYC 6369-00815-1 Diam = 74.7 m = 10.8 m = 14.7</p>  <p>Dur = 3.0s Dmag = 3.9 Sun: 80° Moon: 103°</p>	<p>2018 apr 29 19h48.0m A18_04023 97 Klotho HSOY 116979011 Diam = 87.1 m = 11.6 m = 13.4</p>  <p>Dur = 8.7s Dmag = 2.0 Sun: 100° Moon: 81°</p>

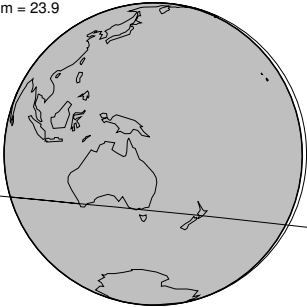
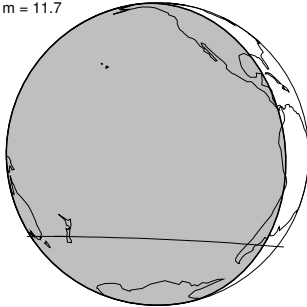
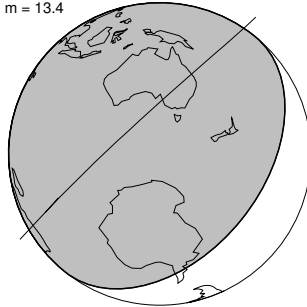
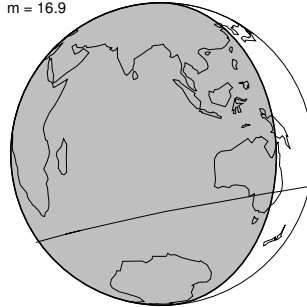
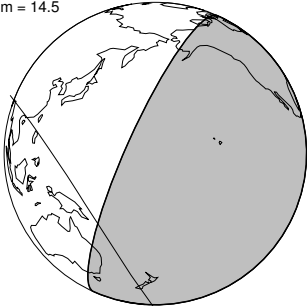
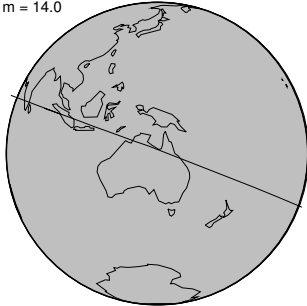
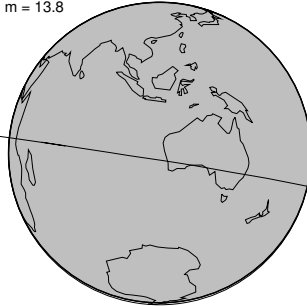
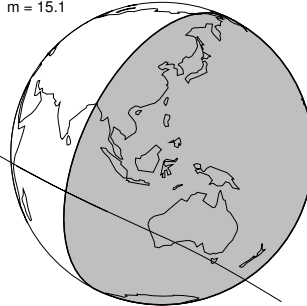
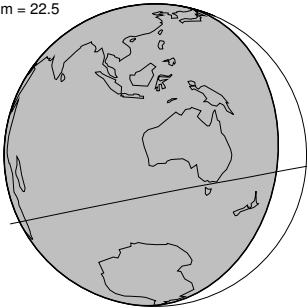
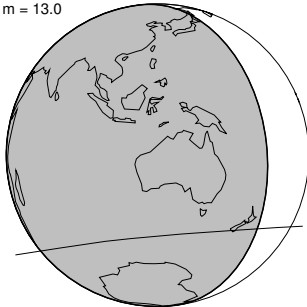
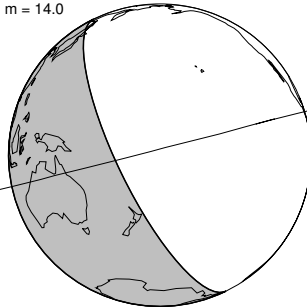
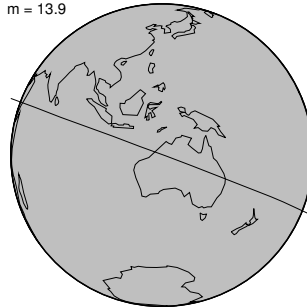
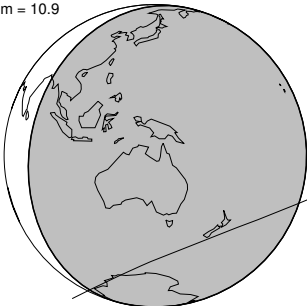
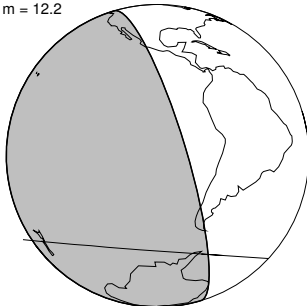
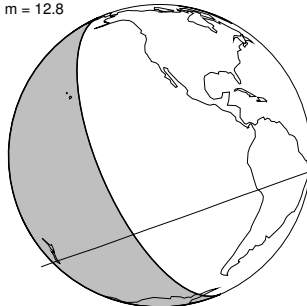
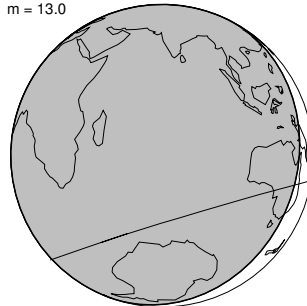
Occultations by major and minor planets – 2018

Region 8

<p>2018 apr 30 15h 0.7m B18_04013 2014KC102 HSOY 051879585 Diam = 173.8 m = 13.7 m = 21.8</p> <p>Dur = 10.6s Dmag = 8.2 Sun: 136° Moon: 35°</p>	<p>2018 apr 30 20h14.9m A18_04056 280 Philia HSOY 076831668 Diam = 48.0 m = 11.9 m = 17.0</p> <p>Dur = 5.7s Dmag = 5.1 Sun: 104° Moon: 67°</p>	<p>2018 may 3 17h22.5m A18_05029 88 Thisbe HSOY 114277272 Diam = 232.0 m = 11.1 m = 11.5</p> <p>Dur = 18.2s Dmag = 1.0 Sun: 103° Moon: 34°</p>	<p>2018 may 4 19h25.5m A18_05147 5283 Pyrrhus TYC 7424-01904-1 Diam = 57.5 m = 10.1 m = 17.4</p> <p>Dur = 8.0s Dmag = 7.3 Sun: 115° Moon: 15°</p>
<p>2018 may 7 7h32.3m A18_05089 424 Gratia HSOY 582128226 Diam = 90.5 m = 12.5 m = 14.4</p> <p>Dur = 8.8s Dmag = 2.1 Sun: 150° Moon: 108°</p>	<p>2018 may 8 16h48.5m A18_05038 140 Siwa TYC 6323-01866-1 Diam = 114.0 m = 11.4 m = 12.4</p> <p>Dur = 9.0s Dmag = 1.3 Sun: 106° Moon: 23°</p>	<p>2018 may 9 13h25.7m A18_05042 163 Erigone TYC 4970-00697-1 Diam = 76.0 m = 10.5 m = 13.2</p> <p>Dur = 8.6s Dmag = 2.8 Sun: 155° Moon: 130°</p>	<p>2018 may 9 17h 0.8m A18_05133 1284 Latvia HSOY 005206164 Diam = 40.2 m = 11.2 m = 14.8</p> <p>Dur = 3.1s Dmag = 3.7 Sun: 159° Moon: 93°</p>
<p>2018 may 9 17h 5.4m B18_05017 2014HW199 HSOY 032156920 Diam = 302.0 m = 14.2 m = 21.7</p> <p>Dur = 12.7s Dmag = 7.5 Sun: 165° Moon: 95°</p>	<p>2018 may 9 17h41.6m B18_05014 2006HA123 HSOY 038211709 Diam = 151.4 m = 14.5 m = 23.4</p> <p>Dur = 7.6s Dmag = 9.0 Sun: 147° Moon: 76°</p>	<p>2018 may 10 12h30.6m A18_05105 618 Elfriede HSOY 120435745 Diam = 124.0 m = 11.6 m = 13.2</p> <p>Dur = 9.1s Dmag = 1.8 Sun: 157° Moon: 120°</p>	<p>2018 may 10 19h17.6m B18_05015 2010FX86 HSOY 204412103 Diam = 602.6 m = 12.7 m = 20.9</p> <p>Dur = 24.0s Dmag = 8.2 Sun: 154° Moon: 119°</p>
<p>2018 may 10 22h15.7m A18_05124 931 Whitemora PPMX 11669257 Diam = 52.6 m = 12.5 m = 15.3</p> <p>Dur = 7.9s Dmag = 2.9 Sun: 132° Moon: 76°</p>	<p>2018 may 11 19h 1.7m A18_05085 409 Aspasia HSOY 449371408 Diam = 168.0 m = 11.8 m = 12.3</p> <p>Dur = 8.8s Dmag = 1.0 Sun: 88° Moon: 43°</p>	<p>2018 may 12 10h48.1m A18_05131 1241 Dysona HSOY 248395312 Diam = 86.2 m = 12.2 m = 14.2</p> <p>Dur = 10.2s Dmag = 2.1 Sun: 136° Moon: 104°</p>	<p>2018 may 12 19h43.2m A18_05059 247 Eukrate UCAC4-171-192813 Diam = 137.0 m = 12.1 m = 13.5</p> <p>Dur = 10.5s Dmag = 1.6 Sun: 131° Moon: 102°</p>

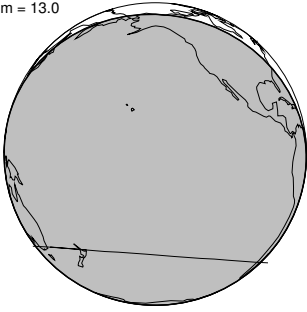
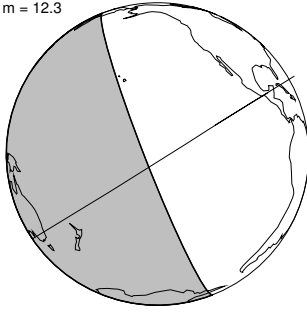
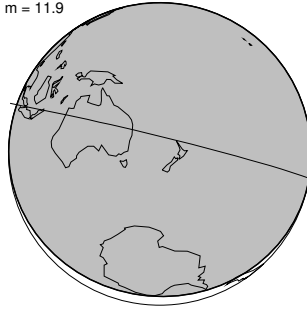
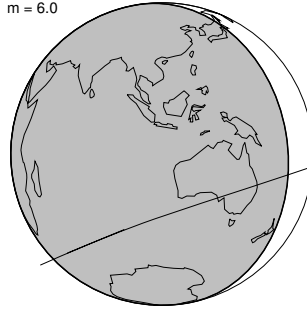
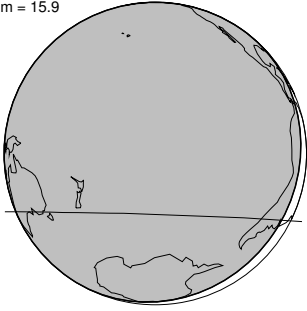
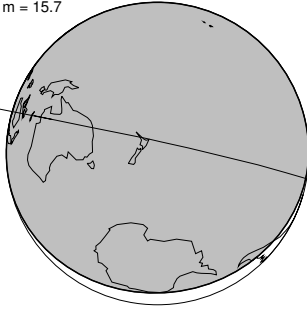
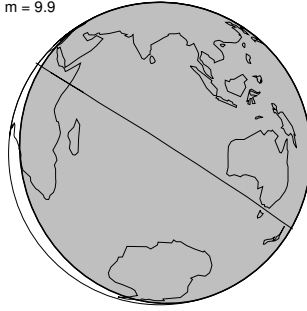
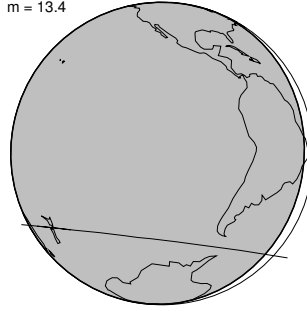
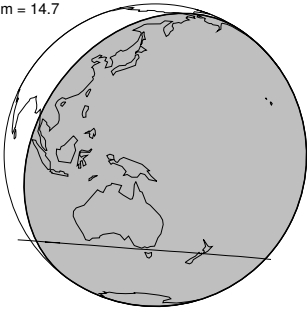
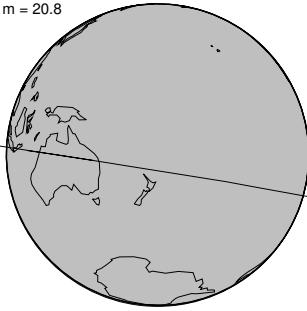
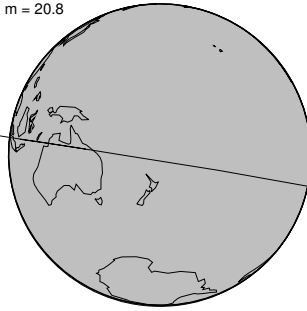
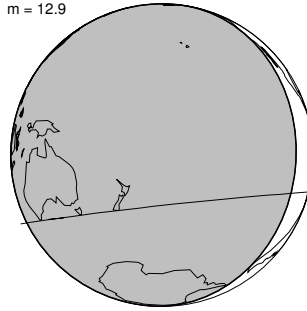
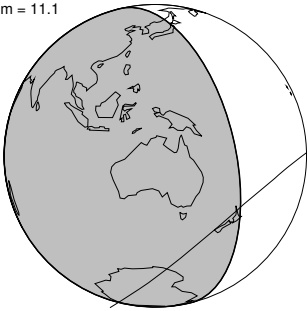
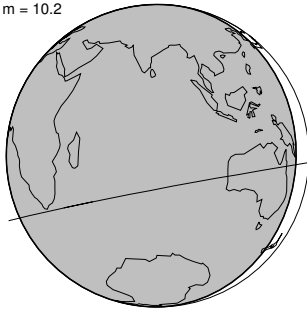
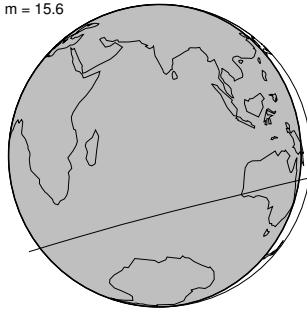
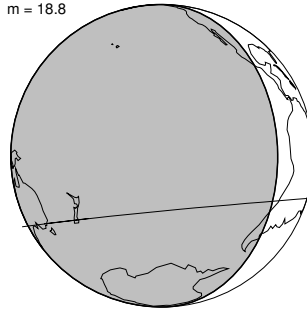
Occultations by major and minor planets – 2018

Region 8

<p>2018 may 13 14h43.0m B18_05016 2013JL64 HSOY 035669320 Diam = 131.8 m = 14.2 m = 23.9</p>  <p>Dur = 5.4s Dmag = 9.6 Sun: 166° Moon: 142°</p>	<p>2018 may 15 11h11.3m A18_05035 113 Amalthea HSOY 047378542 Diam = 47.6 m = 11.6 m = 11.7</p>  <p>Dur = 9.0s Dmag = 0.8 Sun: 147° Moon: 148°</p>	<p>2018 may 15 17h11.6m A18_05060 247 Eukrate TYC 8746-01512-1 Diam = 137.0 m = 11.8 m = 13.4</p>  <p>Dur = 10.3s Dmag = 1.9 Sun: 133° Moon: 132°</p>	<p>2018 may 15 20h47.0m A18_05142 2517 Orma HSOY 079846533 Diam = 47.5 m = 12.3 m = 16.9</p>  <p>Dur = 8.1s Dmag = 4.6 Sun: 139° Moon: 144°</p>
<p>2018 may 16 7h22.0m A18_05093 446 Aeternitas HSOY 580072070 Diam = 43.0 m = 12.3 m = 14.5</p>  <p>Dur = 4.2s Dmag = 2.3 Sun: 101° Moon: 91°</p>	<p>2018 may 16 15h 6.4m A18_05074 342 Endymion HSOY 031629789 Diam = 65.0 m = 10.7 m = 14.0</p>  <p>Dur = 5.1s Dmag = 3.4 Sun: 173° Moon: 171°</p>	<p>2018 may 16 16h29.0m A18_05034 109 Felicitas HSOY 006807423 Diam = 91.0 m = 11.6 m = 13.8</p>  <p>Dur = 5.6s Dmag = 2.3 Sun: 170° Moon: 161°</p>	<p>2018 may 17 12h24.3m A18_05063 260 Huberta HIP 58610 Diam = 101.0 m = 7.8 m = 15.1</p>  <p>Dur = 44.1s Dmag = 7.3 Sun: 122° Moon: 95°</p>
<p>2018 may 17 18h33.1m B18_05004 119068 2001KC77 HSOY 066558740 Diam = 190.5 m = 12.9 m = 22.5</p>  <p>Dur = 10.2s Dmag = 9.6 Sun: 143° Moon: 169°</p>	<p>2018 may 17 18h51.1m A18_05065 268 Adorea TYC 6292-01692-1 Diam = 142.0 m = 11.2 m = 13.0</p>  <p>Dur = 31.5s Dmag = 2.1 Sun: 136° Moon: 168°</p>	<p>2018 may 17 19h 2.8m A18_05096 481 Erita HSOY 450433763 Diam = 116.0 m = 11.6 m = 14.0</p>  <p>Dur = 4.3s Dmag = 2.6 Sun: 73° Moon: 104°</p>	<p>2018 may 18 15h53.2m A18_05075 342 Endymion HSOY 031625289 Diam = 65.0 m = 12.5 m = 13.9</p>  <p>Dur = 5.0s Dmag = 1.7 Sun: 175° Moon: 141°</p>
<p>2018 may 19 12h17.6m A18_05046 187 Lamberta HSOY 575774721 Diam = 135.0 m = 12.2 m = 10.9</p>  <p>Dur = 32.5s Dmag = 0.3 Sun: 146° Moon: 92°</p>	<p>2018 may 19 12h21.7m A18_05023 70 Panopaea TYC 6947-00607-1 Diam = 127.0 m = 12.4 m = 12.2</p>  <p>Dur = 8.1s Dmag = 0.7 Sun: 101° Moon: 153°</p>	<p>2018 may 19 15h31.9m A18_05007 5 Astraea HSOY 451264087 Diam = 125.0 m = 10.7 m = 12.8</p>  <p>Dur = 4.6s Dmag = 2.3 Sun: 66° Moon: 123°</p>	<p>2018 may 19 20h50.0m A18_05078 362 Havnja HSOY 024422391 Diam = 66.1 m = 11.4 m = 13.0</p>  <p>Dur = 6.9s Dmag = 1.8 Sun: 153° Moon: 144°</p>

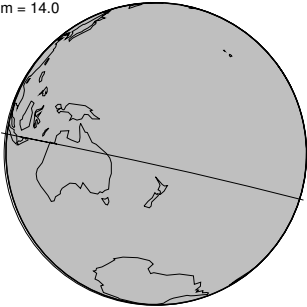
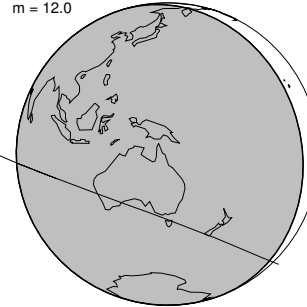
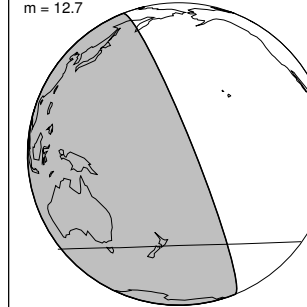
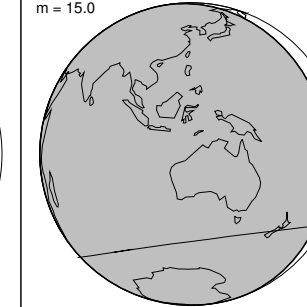
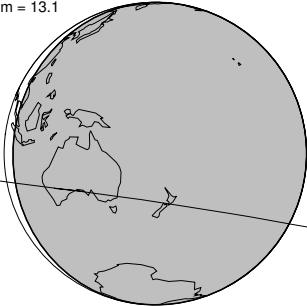
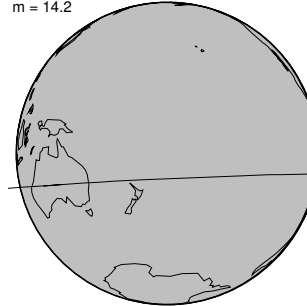
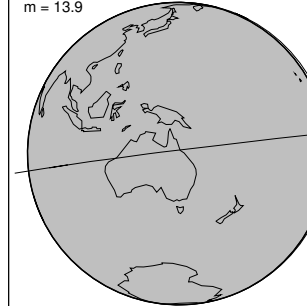
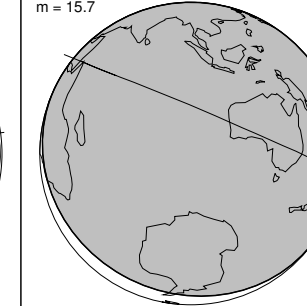
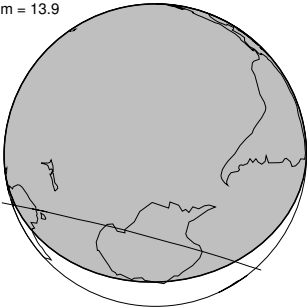
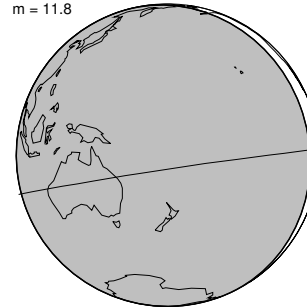
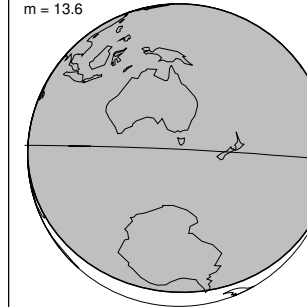
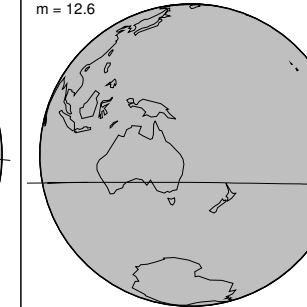
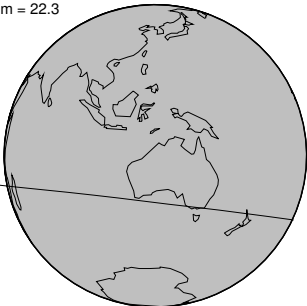
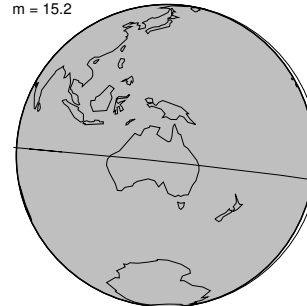
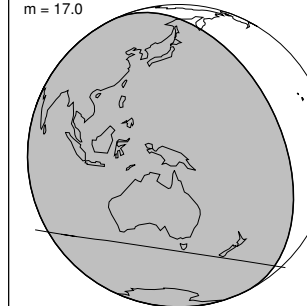
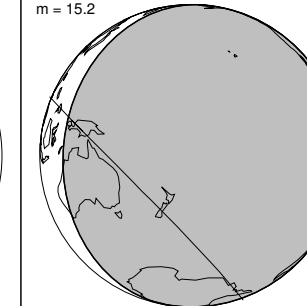
Occultations by major and minor planets – 2018

Region 8

<p>2018 may 20 9h57.6m A18_05095 472 Roma TYC 0370-00104-1 Diam = 47.6 m = 10.8</p>  <p>Dur = 3.8s Dmag = 2.4 Sun: 157° Moon: 110°</p>	<p>2018 may 20 16h 0.9m A18_05037 115 Thyra TYC 5804-00507-1 Diam = 83.5 m = 9.8</p>  <p>Dur = 3.8s Dmag = 2.6 Sun: 85° Moon: 156°</p>	<p>2018 may 21 12h44.8m A18_05113 760 Massinga TYC 7841-00559-1 Diam = 74.8 m = 11.9</p>  <p>Dur = 7.0s Dmag = 0.7 Sun: 160° Moon: 100°</p>	<p>2018 may 21 19h 5.6m A18_05002 4 Vesta HSOY 085703275 Diam = 523.2 m = 12.4</p>  <p>Dur = 121.0s Dmag = 0.0 Sun: 146° Moon: 128°</p>
<p>2018 may 22 10h42.5m A18_05135 1463 Nordenmarkia HSOY 020183552 Diam = 51.7 m = 11.1</p>  <p>Dur = 3.7s Dmag = 4.8 Sun: 160° Moon: 103°</p>	<p>2018 may 22 11h56.2m A18_05137 1721 Wells HSOY 207880077 Diam = 44.3 m = 15.7</p>  <p>Dur = 3.4s Dmag = 4.4 Sun: 157° Moon: 93°</p>	<p>2018 may 23 16h48.0m A18_05014 15 Eunomia HSOY 573548038 Diam = 272.0 m = 12.1</p>  <p>Dur = 20.4s Dmag = 0.1 Sun: 156° Moon: 55°</p>	<p>2018 may 25 8h48.2m A18_05110 678 Fredegundis UCAC4-316-114609 Diam = 44.0 m = 12.3</p>  <p>Dur = 3.7s Dmag = 1.5 Sun: 159° Moon: 70°</p>
<p>2018 may 25 11h48.2m A18_05087 415 Palatia HSOY 578070340 Diam = 80.1 m = 14.7</p>  <p>Dur = 7.6s Dmag = 2.4 Sun: 142° Moon: 14°</p>	<p>2018 may 25 11h50.1m A18_05149 47932 2000GN171 HSOY 008121059 Diam = 239.9 m = 12.4</p>  <p>Dur = 10.3s Dmag = 8.4 Sun: 173° Moon: 49°</p>	<p>2018 may 25 11h50.8m B18_05003 47932 2000GN171 UCAC4-313-085751 Diam = 239.9 m = 12.7</p>  <p>Dur = 10.3s Dmag = 8.1 Sun: 173° Moon: 49°</p>	<p>2018 may 25 12h58.2m A18_05024 82 Alkmene HSOY 068186975 Diam = 63.6 m = 12.2</p>  <p>Dur = 5.9s Dmag = 1.2 Sun: 152° Moon: 75°</p>
<p>2018 may 25 19h16.2m A18_05031 88 Thisbe TYC 6336-00596-1 Diam = 232.0 m = 11.1</p>  <p>Dur = 47.3s Dmag = 0.6 Sun: 121° Moon: 103°</p>	<p>2018 may 27 20h 9.1m A18_05010 9 Metis HSOY 040662239 Diam = 231.2 m = 11.2</p>  <p>Dur = 22.8s Dmag = 0.4 Sun: 156° Moon: 44°</p>	<p>2018 may 28 20h26.8m A18_05140 2421 Nininger TYC 6832-00204-1 Diam = 43.3 m = 15.6</p>  <p>Dur = 3.7s Dmag = 6.7 Sun: 159° Moon: 30°</p>	<p>2018 may 30 12h 2.5m B18_05002 10199 Chariklo HSOY 074732759 Diam = 248.0 m = 14.9</p>  <p>Dur = 15.8s Dmag = 3.9 Sun: 139° Moon: 31°</p>

Occultations by major and minor planets – 2018

Region 8

<p>2018 may 31 11h49.0m A18_05121 830 Petropolitana HSOY 008161297 Diam = 47.1 m = 12.4 m = 14.0</p>  <p>Dur = 3.5s Dmag = 1.8 Sun: 170° Moon: 30°</p>	<p>2018 may 31 16h 8.2m A18_05054 233 Asterope HSOY 086996795 Diam = 108.0 m = 12.5 m = 12.0</p>  <p>Dur = 13.2s Dmag = 0.6 Sun: 151° Moon: 7°</p>	<p>2018 may 31 17h22.1m A18_05039 148 Gallia TYC 5228-00530-1 Diam = 104.0 m = 10.3 m = 12.7</p>  <p>Dur = 7.2s Dmag = 2.4 Sun: 95° Moon: 60°</p>	<p>2018 may 31 17h34.4m A18_05125 931 Whitemora TYC 6269-00257-1 Diam = 52.6 m = 12.4 m = 15.0</p>  <p>Dur = 4.0s Dmag = 2.7 Sun: 154° Moon: 3°</p>
<p>2018 jun 1 11h19.5m A18_06035 162 Laurentia HSOY 006335537 Diam = 105.0 m = 12.5 m = 13.1</p>  <p>Dur = 10.4s Dmag = 1.1 Sun: 160° Moon: 52°</p>	<p>2018 jun 1 11h43.3m A18_06124 940 Kordula HSOY 034892978 Diam = 51.3 m = 11.8 m = 14.2</p>  <p>Dur = 3.9s Dmag = 2.5 Sun: 173° Moon: 26°</p>	<p>2018 jun 2 14h56.2m A18_06071 348 May HIP 85023 Diam = 88.0 m = 8.1 m = 13.9</p>  <p>Dur = 6.7s Dmag = 5.8 Sun: 170° Moon: 35°</p>	<p>2018 jun 2 16h40.9m A18_06145 1721 Wells HSOY 207520285 Diam = 44.3 m = 12.1 m = 15.7</p>  <p>Dur = 3.3s Dmag = 3.6 Sun: 157° Moon: 55°</p>
<p>2018 jun 3 8h 9.3m A18_06133 1241 Dysona HSOY 247361506 Diam = 86.2 m = 12.4 m = 13.9</p>  <p>Dur = 7.7s Dmag = 1.7 Sun: 147° Moon: 54°</p>	<p>2018 jun 3 13h49.3m A18_06054 213 Lilaea TYC 6264-02399-1 Diam = 84.6 m = 11.6 m = 11.8</p>  <p>Dur = 11.7s Dmag = 0.9 Sun: 159° Moon: 36°</p>	<p>2018 jun 3 14h 5.1m A18_06012 36 Atalante HSOY 231864152 Diam = 109.0 m = 11.5 m = 13.6</p>  <p>Dur = 7.0s Dmag = 2.3 Sun: 154° Moon: 57°</p>	<p>2018 jun 4 13h43.1m A18_06061 245 Vera HSOY 034723463 Diam = 84.8 m = 11.8 m = 12.6</p>  <p>Dur = 5.8s Dmag = 1.3 Sun: 176° Moon: 63°</p>
<p>2018 jun 4 15h30.3m B18_06018 2014KX101 HSOY 036140805 Diam = 138.0 m = 14.8 m = 22.3</p>  <p>Dur = 5.9s Dmag = 7.5 Sun: 176° Moon: 68°</p>	<p>2018 jun 4 15h38.8m A18_06128 1057 Wanda UCAC4-336-114804 Diam = 49.1 m = 11.8 m = 15.2</p>  <p>Dur = 4.2s Dmag = 3.4 Sun: 166° Moon: 53°</p>	<p>2018 jun 4 17h21.1m A18_06162 4060 Deipylos HSOY 117887626 Diam = 69.2 m = 12.4 m = 17.0</p>  <p>Dur = 6.6s Dmag = 4.5 Sun: 133° Moon: 28°</p>	<p>2018 jun 5 9h12.5m A18_06143 1520 Imatra HSOY 574367522 Diam = 56.5 m = 11.7 m = 15.2</p>  <p>Dur = 4.9s Dmag = 3.5 Sun: 147° Moon: 105°</p>

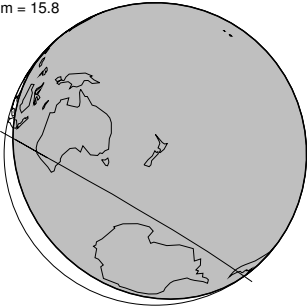
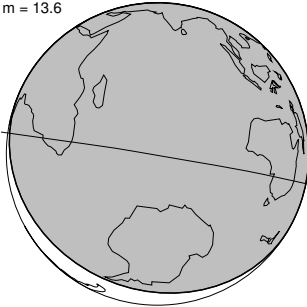
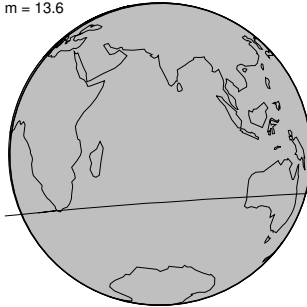
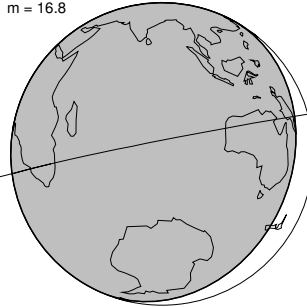
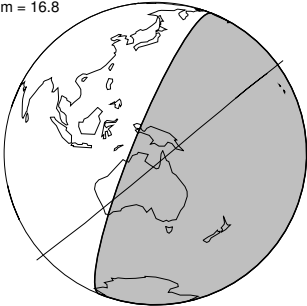
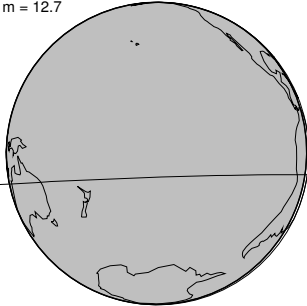
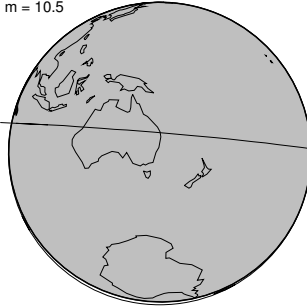
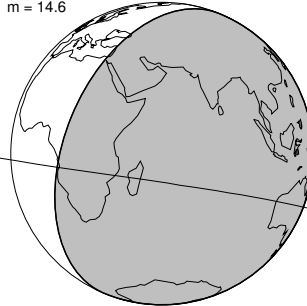
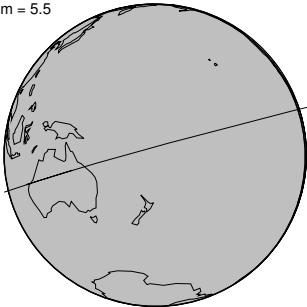
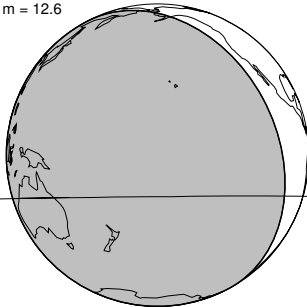
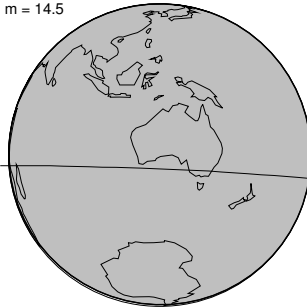
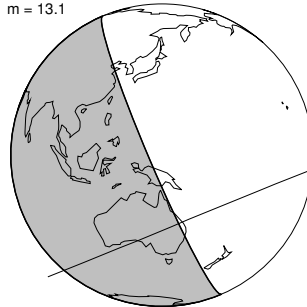
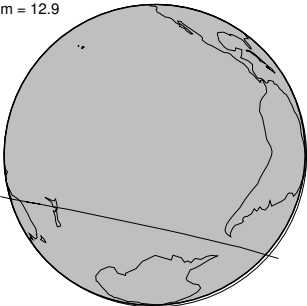
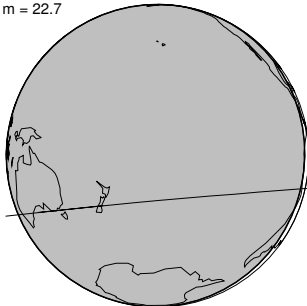
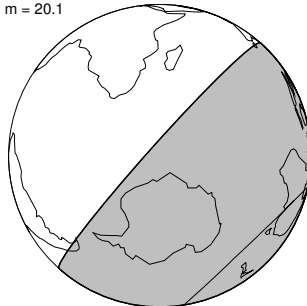
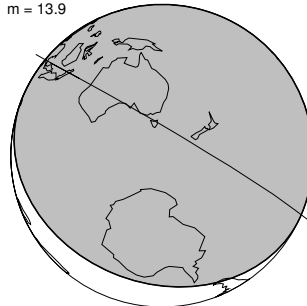
Occultations by major and minor planets – 2018

Region 8

<p>2018 jun 5 17h 3.8m A18_06098 593 Titania HSOY 069821660 Diam = 78.2 m = 12.2 m = 14.2</p> <p>Dur = 5.6s Dmag = 2.2 Sun: 156° Moon: 55°</p>	<p>2018 jun 5 17h57.7m A18_06015 37 Fides HSOY 450662498 Diam = 112.0 m = 10.3 m = 12.4</p> <p>Dur = 7.7s Dmag = 2.2 Sun: 95° Moon: 6°</p>	<p>2018 jun 6 8h35.1m A18_06014 36 Atalante HSOY 231775308 Diam = 109.0 m = 12.3 m = 13.6</p> <p>Dur = 7.0s Dmag = 1.6 Sun: 154° Moon: 86°</p>	<p>2018 jun 6 9h 4.3m A18_06161 4057 Demophon TYC 6879-00960-1 Diam = 50.1 m = 9.2 m = 17.3</p> <p>Dur = 3.8s Dmag = 8.1 Sun: 147° Moon: 53°</p>
<p>2018 jun 6 12h15.4m A18_06032 152 Atala HSOY 060390546 Diam = 89.9 m = 11.8 m = 13.5</p> <p>Dur = 7.3s Dmag = 1.9 Sun: 152° Moon: 63°</p>	<p>2018 jun 6 14h10.1m A18_06122 931 Whitemora HSOY 085713114 Diam = 52.6 m = 12.0 m = 14.9</p> <p>Dur = 3.6s Dmag = 2.9 Sun: 161° Moon: 70°</p>	<p>2018 jun 6 16h47.5m B18_06002 10370 Hylonome HSOY 087639972 Diam = 104.7 m = 15.0 m = 21.9</p> <p>Dur = 5.1s Dmag = 6.9 Sun: 155° Moon: 65°</p>	<p>2018 jun 6 18h34.0m A18_06072 356 Liguria UCAC4-288-090611 Diam = 135.0 m = 12.0 m = 13.2</p> <p>Dur = 9.0s Dmag = 1.5 Sun: 165° Moon: 98°</p>
<p>2018 jun 7 10h45.6m A18_06146 1721 Wells PPMX 14586387 Diam = 44.3 m = 12.3 m = 15.7</p> <p>Dur = 3.4s Dmag = 3.5 Sun: 155° Moon: 107°</p>	<p>2018 jun 7 19h33.5m A18_06096 592 Bathseba TYC 5710-00267-1 Diam = 57.5 m = 12.1 m = 14.5</p> <p>Dur = 5.3s Dmag = 2.5 Sun: 149° Moon: 76°</p>	<p>2018 jun 8 11h54.2m A18_06028 143 Adria TYC 7304-01651-1 Diam = 92.0 m = 11.4 m = 13.0</p> <p>Dur = 12.7s Dmag = 1.8 Sun: 145° Moon: 135°</p>	<p>2018 jun 9 15h49.8m A18_06029 144 Vibilia HSOY 092863174 Diam = 178.0 m = 12.0 m = 11.7</p> <p>Dur = 28.9s Dmag = 0.6 Sun: 148° Moon: 92°</p>
<p>2018 jun 9 15h58.3m A18_06140 1512 Oulu HSOY 024229545 Diam = 90.0 m = 12.2 m = 14.4</p> <p>Dur = 7.4s Dmag = 2.4 Sun: 171° Moon: 121°</p>	<p>2018 jun 9 17h42.0m B18_06013 2001KG77 HSOY 089519948 Diam = 100.0 m = 14.6 m = 23.5</p> <p>Dur = 4.6s Dmag = 8.9 Sun: 159° Moon: 106°</p>	<p>2018 jun 9 22h52.5m A18_06086 503 Evelyn TYC 4667-01024-1 Diam = 79.5 m = 11.9 m = 14.9</p> <p>Dur = 3.5s Dmag = 3.1 Sun: 78° Moon: 26°</p>	<p>2018 jun 10 8h40.0m A18_06103 659 Nestor HSOY 073988581 Diam = 115.0 m = 10.6 m = 15.7</p> <p>Dur = 9.1s Dmag = 5.1 Sun: 155° Moon: 109°</p>

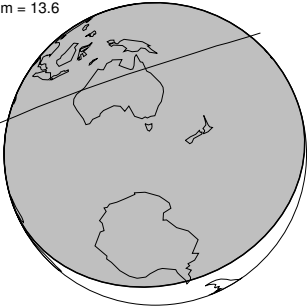
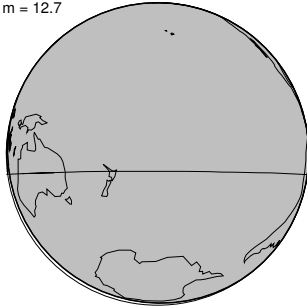
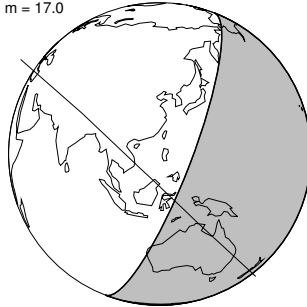
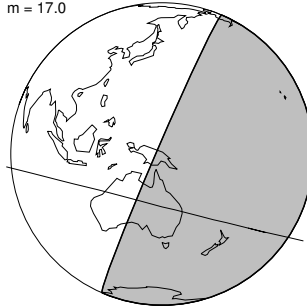
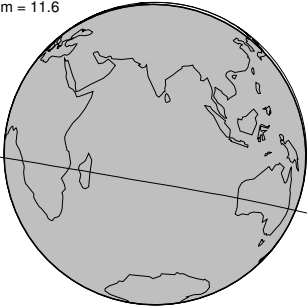
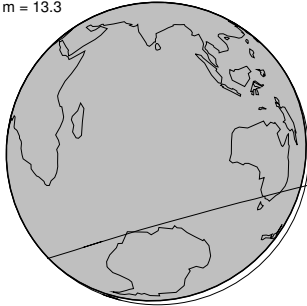
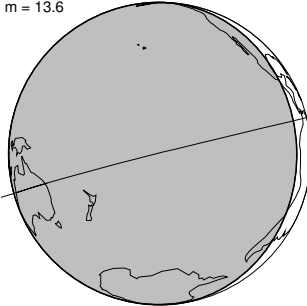
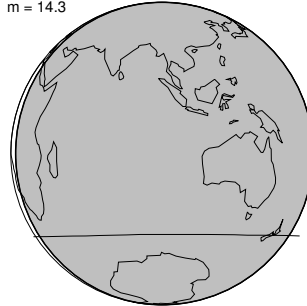
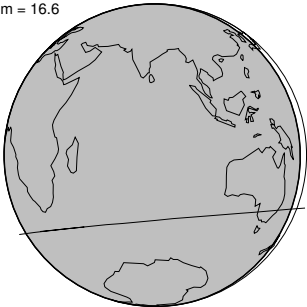
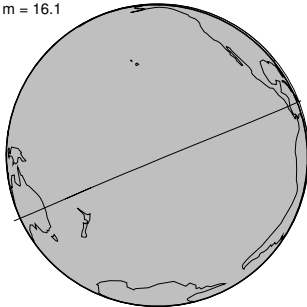
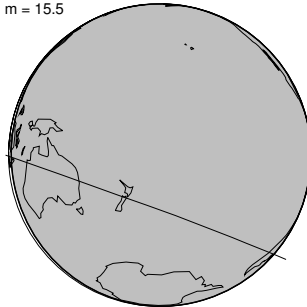
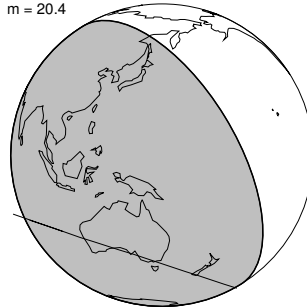
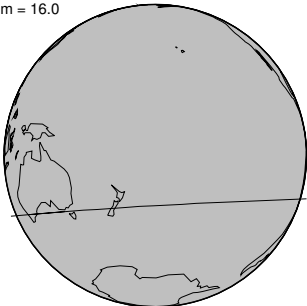
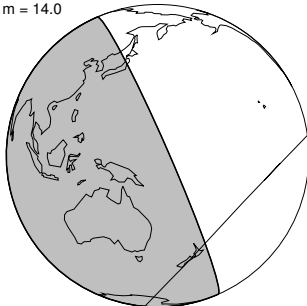
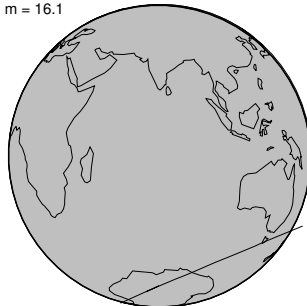
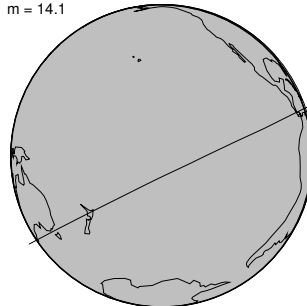
Occultations by major and minor planets – 2018

Region 8

<p>2018 jun 10 11h 3.1m A18_06147 1721 Wells TYC 7845-01806-1 Diam = 44.3 m = 11.8 m = 15.8</p>  <p>Dur = 3.4s Dmag = 4.0 Sun: 154° Moon: 140°</p>	<p>2018 jun 10 18h26.8m A18_06013 36 Atalante TYC 8316-01491-1 Diam = 109.0 m = 10.8 m = 13.6</p>  <p>Dur = 7.1s Dmag = 2.8 Sun: 153° Moon: 135°</p>	<p>2018 jun 10 18h36.2m A18_06118 866 Fatme HSOY 036142268 Diam = 91.7 m = 12.3 m = 13.6</p>  <p>Dur = 7.1s Dmag = 1.6 Sun: 171° Moon: 146°</p>	<p>2018 jun 11 20h17.6m A18_06167 6090 1989DJ TYC 7935-01478-1 Diam = 55.0 m = 11.5 m = 16.8</p>  <p>Dur = 3.8s Dmag = 5.4 Sun: 149° Moon: 123°</p>
<p>2018 jun 12 9h 1.0m A18_06156 2363 Cebriones TYC 5513-01003-1 Diam = 91.7 m = 10.9 m = 16.8</p>  <p>Dur = 6.6s Dmag = 5.9 Sun: 99° Moon: 117°</p>	<p>2018 jun 12 10h30.2m A18_06019 77 Frigga UCAC4-315-129952 Diam = 71.0 m = 12.4 m = 12.7</p>  <p>Dur = 5.6s Dmag = 0.9 Sun: 169° Moon: 150°</p>	<p>2018 jun 12 13h36.2m A18_06047 192 Nausikaa HSOY 023388170 Diam = 107.0 m = 12.3 m = 10.5</p>  <p>Dur = 9.3s Dmag = 0.2 Sun: 168° Moon: 158°</p>	<p>2018 jun 12 16h48.8m A18_06017 62 Erato HSOY 577809220 Diam = 99.3 m = 11.9 m = 14.6</p>  <p>Dur = 18.4s Dmag = 2.8 Sun: 130° Moon: 146°</p>
<p>2018 jun 13 12h35.3m A18_06003 4 Vesta HSOY 046463237 Diam = 523.2 m = 11.8 m = 5.5</p>  <p>Dur = 61.9s Dmag = 0.0 Sun: 171° Moon: 168°</p>	<p>2018 jun 13 13h15.1m A18_06020 97 Klotho HSOY 117091949 Diam = 87.1 m = 12.0 m = 12.6</p>  <p>Dur = 10.0s Dmag = 1.1 Sun: 142° Moon: 140°</p>	<p>2018 jun 13 15h22.8m A18_06141 1512 Oulu HSOY 024180943 Diam = 90.0 m = 11.4 m = 14.5</p>  <p>Dur = 7.5s Dmag = 3.1 Sun: 170° Moon: 168°</p>	<p>2018 jun 13 20h45.0m A18_06018 69 Hesperia HSOY 457889418 Diam = 143.0 m = 10.9 m = 13.1</p>  <p>Dur = 8.0s Dmag = 2.3 Sun: 85° Moon: 86°</p>
<p>2018 jun 14 8h53.0m A18_06088 576 Emanuela HSOY 063714733 Diam = 86.0 m = 11.8 m = 12.9</p>  <p>Dur = 8.5s Dmag = 1.4 Sun: 168° Moon: 168°</p>	<p>2018 jun 14 11h30.2m B18_06004 91133 1998HK151 HSOY 070914890 Diam = 125.9 m = 14.8 m = 22.7</p>  <p>Dur = 5.5s Dmag = 7.9 Sun: 166° Moon: 172°</p>	<p>2018 jun 14 12h51.1m A18_06169 2012DR30 HSOY 319747060 Diam = 158.5 m = 11.5 m = 20.1</p>  <p>Dur = 8.3s Dmag = 8.6 Sun: 94° Moon: 88°</p>	<p>2018 jun 14 13h 5.6m A18_06134 1241 Dysona HSOY 237588219 Diam = 86.2 m = 12.4 m = 13.9</p>  <p>Dur = 7.2s Dmag = 1.7 Sun: 147° Moon: 142°</p>

Occultations by major and minor planets – 2018

Region 8

<p>2018 jun 14 14h39.9m A18_06117 795 Fini TYC 8369-00017-1 Diam = 78.7 m = 12.1 m = 13.6</p>  <p>Dur = 7.3s Dmag = 1.7 Sun: 149° Moon: 148°</p>	<p>2018 jun 15 10h14.8m A18_06075 362 Havnia UCAC4-285-111071 Diam = 66.1 m = 11.6 m = 12.7</p>  <p>Dur = 5.7s Dmag = 1.4 Sun: 167° Moon: 149°</p>	<p>2018 jun 17 9h39.2m A18_06150 1902 Shaposhnikov HSOY 580212543 Diam = 101.0 m = 11.2 m = 17.0</p>  <p>Dur = 5.4s Dmag = 5.8 Sun: 77° Moon: 29°</p>	<p>2018 jun 18 8h23.3m A18_06136 1298 Nocturna TYC 4934-01043-1 Diam = 47.3 m = 12.2 m = 17.0</p>  <p>Dur = 3.7s Dmag = 4.8 Sun: 92° Moon: 30°</p>
<p>2018 jun 18 19h21.7m A18_06057 233 Asterope PPMX 10626276 Diam = 108.0 m = 11.9 m = 11.6</p>  <p>Dur = 10.2s Dmag = 0.6 Sun: 168° Moon: 116°</p>	<p>2018 jun 18 19h25.1m A18_06033 152 Atala HSOY 060142496 Diam = 89.9 m = 11.3 m = 13.3</p>  <p>Dur = 6.5s Dmag = 2.1 Sun: 162° Moon: 121°</p>	<p>2018 jun 19 11h48.2m A18_06022 104 Klymene TYC 6894-00186-1 Diam = 127.0 m = 10.9 m = 13.6</p>  <p>Dur = 10.8s Dmag = 2.8 Sun: 154° Moon: 127°</p>	<p>2018 jun 19 16h31.7m A18_06126 940 Kordula TYC 6809-00708-1 Diam = 51.3 m = 10.8 m = 14.3</p>  <p>Dur = 4.1s Dmag = 3.5 Sun: 165° Moon: 85°</p>
<p>2018 jun 19 19h45.5m A18_06151 1911 Schubart HSOY 092138910 Diam = 83.0 m = 12.4 m = 16.6</p>  <p>Dur = 5.4s Dmag = 4.2 Sun: 163° Moon: 115°</p>	<p>2018 jun 20 10h22.4m A18_06166 4833 Meges TYC 6270-01050-1 Diam = 63.1 m = 12.5 m = 16.1</p>  <p>Dur = 3.2s Dmag = 3.7 Sun: 170° Moon: 97°</p>	<p>2018 jun 20 10h29.8m A18_06132 1213 Algeria HSOY 027951432 Diam = 43.2 m = 10.9 m = 15.5</p>  <p>Dur = 3.1s Dmag = 4.6 Sun: 169° Moon: 80°</p>	<p>2018 jun 20 17h38.2m B18_06020 2014NW65 HSOY 455446601 Diam = 218.8 m = 13.0 m = 20.4</p>  <p>Dur = 17.3s Dmag = 7.4 Sun: 119° Moon: 138°</p>
<p>2018 jun 21 11h 9.0m A18_06158 2517 Orma TYC 6845-00148-1 Diam = 47.5 m = 11.6 m = 16.0</p>  <p>Dur = 3.7s Dmag = 4.5 Sun: 178° Moon: 78°</p>	<p>2018 jun 21 19h17.6m A18_06107 709 Fringilla TYC 0586-00682-1 Diam = 99.6 m = 10.4 m = 14.0</p>  <p>Dur = 6.0s Dmag = 3.7 Sun: 94° Moon: 158°</p>	<p>2018 jun 22 19h13.2m A18_06165 4833 Meges HSOY 085963402 Diam = 63.1 m = 12.3 m = 16.1</p>  <p>Dur = 3.2s Dmag = 3.8 Sun: 172° Moon: 66°</p>	<p>2018 jun 23 10h18.7m A18_06093 581 Tauntonia HSOY 087419789 Diam = 67.1 m = 10.5 m = 14.1</p>  <p>Dur = 4.4s Dmag = 3.6 Sun: 171° Moon: 61°</p>

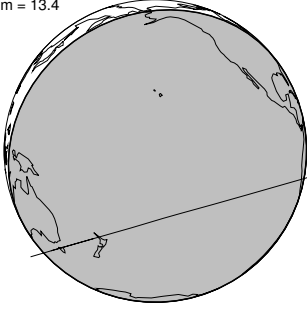
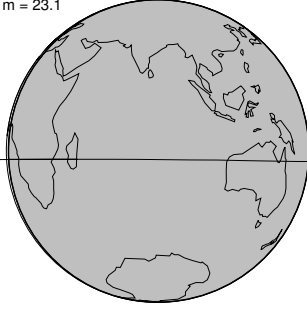
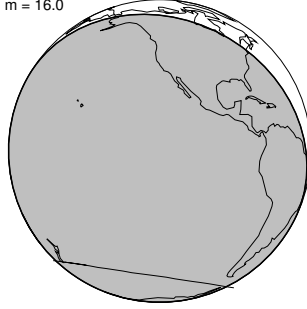
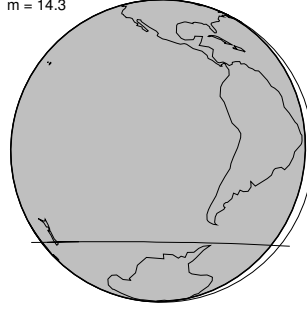
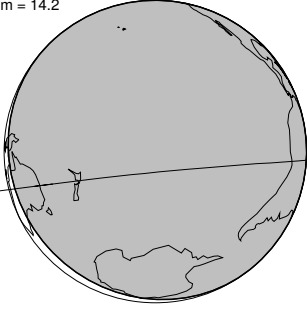
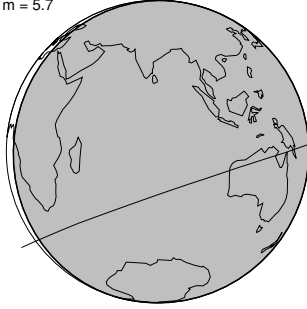
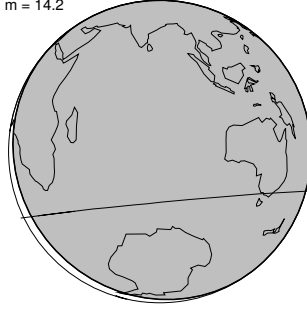
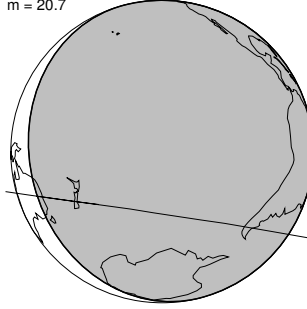
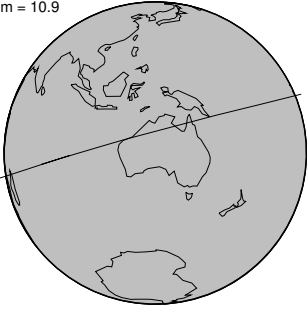
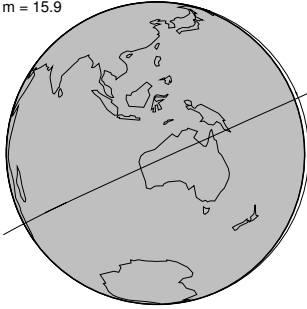
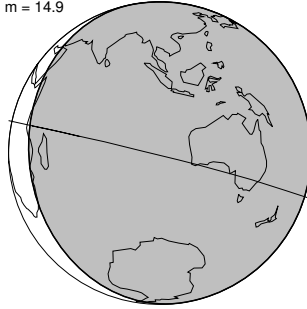
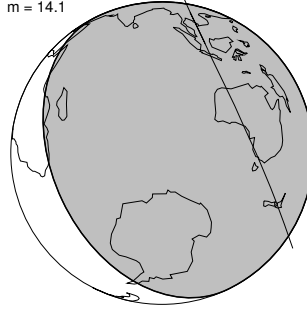
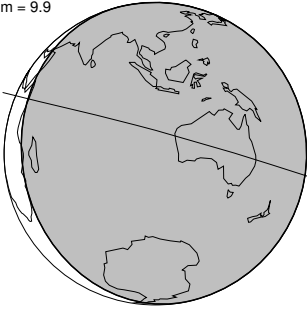
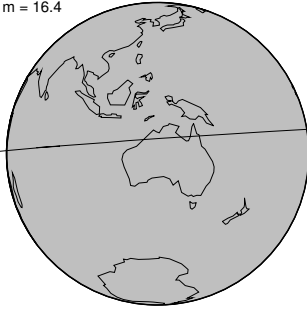
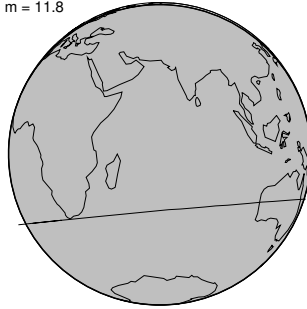
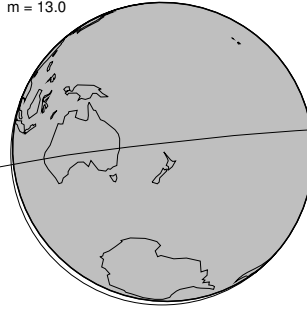
Occultations by major and minor planets – 2018

Region 8

<p>2018 jun 23 20h46.8m A18_06039 171 Ophelia HSOY 448275736 Diam = 121.0 m = 11.6 m = 13.8</p> <p>Dur = 15.6s Dmag = 2.3 Sun: 139° Moon: 89°</p>	<p>2018 jun 24 7h12.9m A18_06159 3139 Shantou HIP 83572 Diam = 45.6 m = 7.9 m = 15.3</p> <p>Dur = 3.3s Dmag = 7.4 Sun: 163° Moon: 28°</p>	<p>2018 jun 24 18h 0.5m A18_06025 119 Althaea HSOY 108158095 Diam = 60.7 m = 11.4 m = 12.0</p> <p>Dur = 6.5s Dmag = 1.1 Sun: 159° Moon: 56°</p>	<p>2018 jun 25 14h53.3m A18_06104 675 Ludmilla TYC 6300-01784-1 Diam = 109.1 m = 11.8 m = 12.4</p> <p>Dur = 8.4s Dmag = 1.1 Sun: 164° Moon: 43°</p>
<p>2018 jun 25 14h58.1m A18_06030 144 Vibia TYC 6879-00658-1 Diam = 178.0 m = 11.5 m = 11.2</p> <p>Dur = 18.9s Dmag = 0.6 Sun: 165° Moon: 43°</p>	<p>2018 jun 26 5h57.1m A18_06139 1351 Uzbekistania HSOY 017643895 Diam = 67.1 m = 11.8 m = 14.8</p> <p>Dur = 5.9s Dmag = 3.1 Sun: 152° Moon: 17°</p>	<p>2018 jun 27 6h28.1m A18_06011 29 Amphitrite UCAC4-287-123658 Diam = 219.0 m = 12.3 m = 9.7</p> <p>Dur = 19.7s Dmag = 0.1 Sun: 163° Moon: 13°</p>	<p>2018 jun 27 10h33.1m A18_06123 932 Hooveria HSOY 576078074 Diam = 41.7 m = 12.5 m = 14.9</p> <p>Dur = 3.5s Dmag = 2.6 Sun: 98° Moon: 73°</p>
<p>2018 jun 27 13h39.9m A18_06135 1241 Dysona HSOY 236594182 Diam = 86.2 m = 12.0 m = 14.0</p> <p>Dur = 7.2s Dmag = 2.1 Sun: 142° Moon: 37°</p>	<p>2018 jun 27 14h37.9m A18_06063 247 Eukrate HSOY 249600416 Diam = 137.0 m = 12.2 m = 13.2</p> <p>Dur = 9.7s Dmag = 1.4 Sun: 142° Moon: 39°</p>	<p>2018 jun 27 17h26.8m A18_06069 329 Svea HSOY 457974534 Diam = 80.5 m = 12.4 m = 14.5</p> <p>Dur = 5.8s Dmag = 2.2 Sun: 94° Moon: 90°</p>	<p>2018 jun 28 14h60.0m A18_06068 283 Emma HSOY 574304817 Diam = 150.0 m = 12.4 m = 14.1</p> <p>Dur = 29.9s Dmag = 1.9 Sun: 127° Moon: 58°</p>
<p>2018 jun 28 17h12.1m A18_06067 275 Sapientia HSOY 093958733 Diam = 103.0 m = 12.4 m = 12.8</p> <p>Dur = 8.6s Dmag = 1.0 Sun: 169° Moon: 4°</p>	<p>2018 jun 28 20h10.4m A18_06031 144 Vibia HSOY 074546153 Diam = 178.0 m = 11.9 m = 11.1</p> <p>Dur = 18.2s Dmag = 0.4 Sun: 169° Moon: 6°</p>	<p>2018 jun 29 13h56.0m A18_06026 137 Meliboea HSOY 144391194 Diam = 150.0 m = 11.8 m = 11.6</p> <p>Dur = 18.6s Dmag = 0.7 Sun: 153° Moon: 21°</p>	<p>2018 jun 29 17h58.6m A18_06076 362 Havnja HSOY 019402115 Diam = 66.1 m = 11.6 m = 12.9</p> <p>Dur = 7.0s Dmag = 1.6 Sun: 154° Moon: 41°</p>

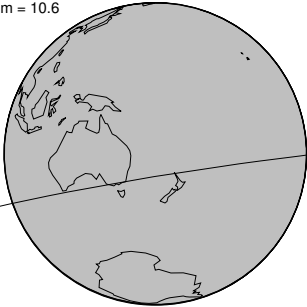
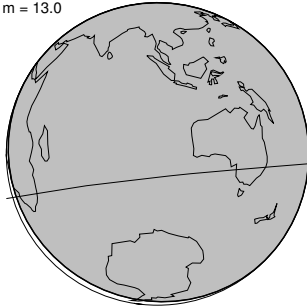
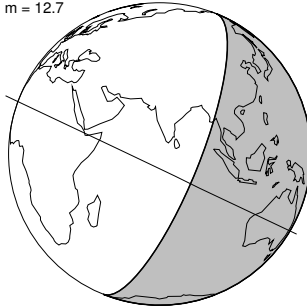
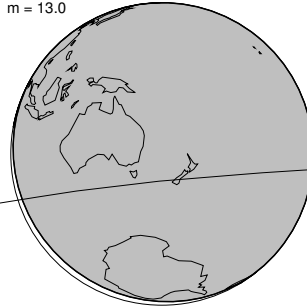
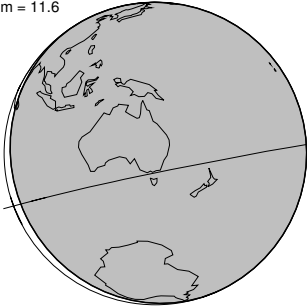
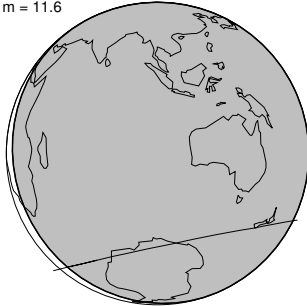
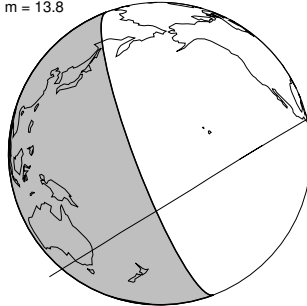
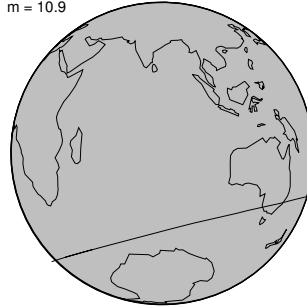
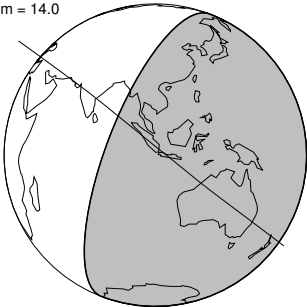
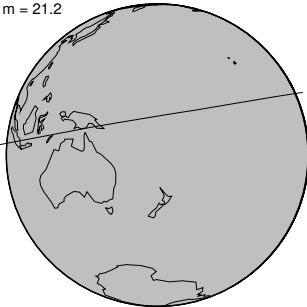
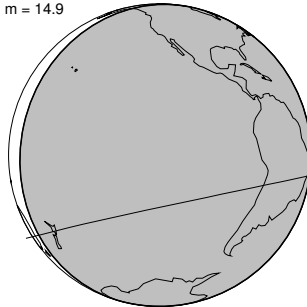
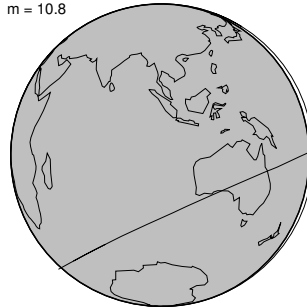
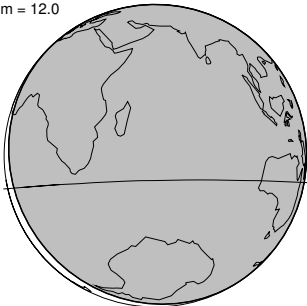
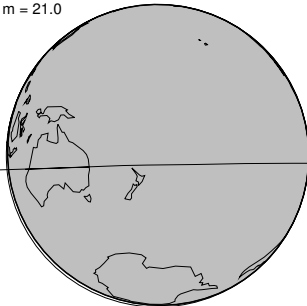

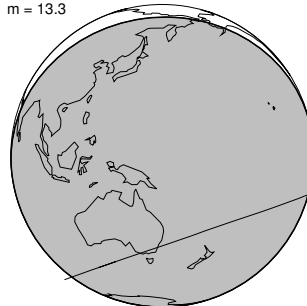
Occultations by major and minor planets – 2018

Region 8

<p>2018 jun 30 9h34.3m A18_06044 181 Eucharis TYC 5084-01097-1 Diam = 107.0 m = 11.8 m = 13.4</p>  <p>Dur = 6.9s Dmag = 1.9 Sun: 154° Moon: 43°</p>	<p>2018 jul 1 17h48.7m B18_07009 2001KH76 HSOY 042293553 Diam = 182.0 m = 14.6 m = 23.1</p>  <p>Dur = 7.5s Dmag = 8.5 Sun: 170° Moon: 48°</p>	<p>2018 jul 2 9h11.6m A18_07149 2920 Automedon HSOY 145275612 Diam = 123.0 m = 11.1 m = 16.0</p>  <p>Dur = 7.7s Dmag = 4.9 Sun: 150° Moon: 37°</p>	<p>2018 jul 3 8h20.0m A18_07131 1118 Hanskya HSOY 077039365 Diam = 80.7 m = 12.5 m = 14.3</p>  <p>Dur = 7.0s Dmag = 2.0 Sun: 160° Moon: 39°</p>
<p>2018 jul 4 8h37.3m A18_07090 528 Rezia HSOY 025038715 Diam = 86.2 m = 11.9 m = 14.2</p>  <p>Dur = 6.7s Dmag = 2.4 Sun: 161° Moon: 80°</p>	<p>2018 jul 4 17h21.2m A18_07001 4 Vesta TYC 6260-01625-1 Diam = 523.2 m = 10.9 m = 5.7</p>  <p>Dur = 68.3s Dmag = 0.0 Sun: 162° Moon: 89°</p>	<p>2018 jul 4 17h26.1m A18_07089 528 Rezia HSOY 025037984 Diam = 86.2 m = 10.8 m = 14.2</p>  <p>Dur = 6.7s Dmag = 3.4 Sun: 161° Moon: 84°</p>	<p>2018 jul 5 7h12.3m B18_07014 2010KZ39 HSOY 019098627 Diam = 660.7 m = 14.8 m = 20.7</p>  <p>Dur = 29.8s Dmag = 5.9 Sun: 151° Moon: 104°</p>
<p>2018 jul 5 15h38.5m A18_07037 144 Vibilia HSOY 074282836 Diam = 178.0 m = 12.3 m = 10.9</p>  <p>Dur = 17.3s Dmag = 0.3 Sun: 175° Moon: 80°</p>	<p>2018 jul 6 16h57.9m A18_07152 4063 Euforbo HSOY 114248059 Diam = 79.4 m = 12.0 m = 15.9</p>  <p>Dur = 4.5s Dmag = 3.9 Sun: 166° Moon: 81°</p>	<p>2018 jul 7 15h 9.5m A18_07137 1512 Oulu HSOY 020116232 Diam = 90.0 m = 11.7 m = 14.9</p>  <p>Dur = 10.5s Dmag = 3.2 Sun: 149° Moon: 133°</p>	<p>2018 jul 7 15h13.1m A18_07133 1241 Dysona TYC 8323-01084-1 Diam = 86.2 m = 12.1 m = 14.1</p>  <p>Dur = 7.3s Dmag = 2.2 Sun: 136° Moon: 128°</p>
<p>2018 jul 8 15h 3.6m A18_07010 29 Amphitrite TYC 7365-00279-1 Diam = 219.0 m = 10.9 m = 9.9</p>  <p>Dur = 24.0s Dmag = 0.4 Sun: 151° Moon: 143°</p>	<p>2018 jul 8 15h14.0m A18_07140 1911 Schubart HSOY 084276538 Diam = 83.0 m = 12.4 m = 16.4</p>  <p>Dur = 5.0s Dmag = 4.0 Sun: 176° Moon: 122°</p>	<p>2018 jul 8 19h43.3m A18_07026 119 Althaea HSOY 106254832 Diam = 60.7 m = 11.8 m = 11.8</p>  <p>Dur = 5.7s Dmag = 0.5 Sun: 170° Moon: 120°</p>	<p>2018 jul 9 11h59.2m A18_07110 636 Erika UCAC4-275-187561 Diam = 78.3 m = 12.3 m = 13.0</p>  <p>Dur = 8.2s Dmag = 1.2 Sun: 164° Moon: 136°</p>

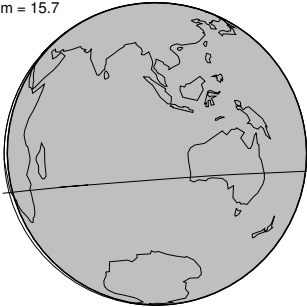
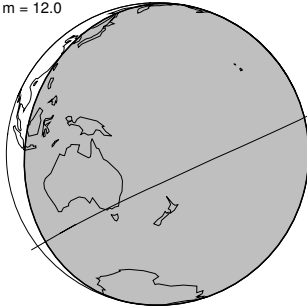
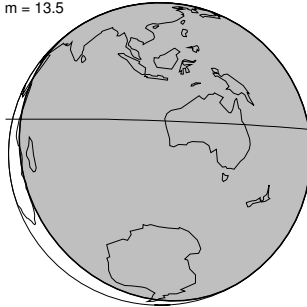
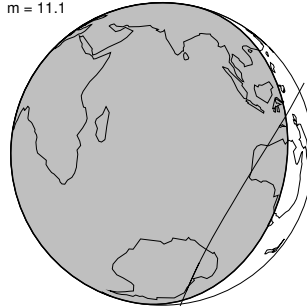
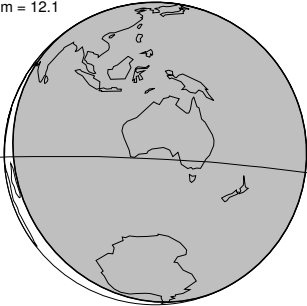
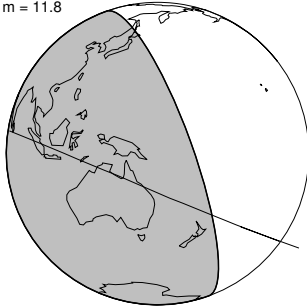
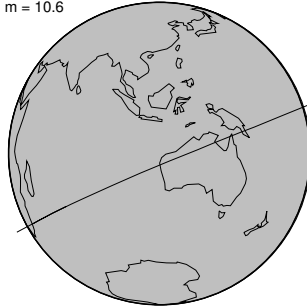
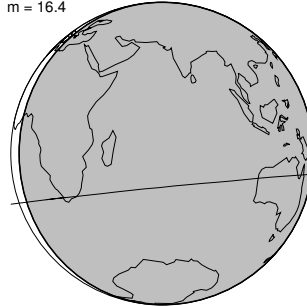
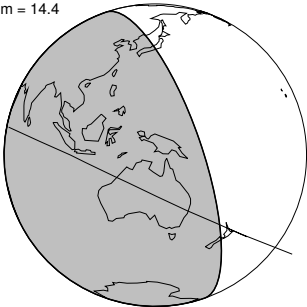
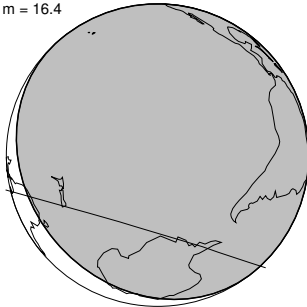
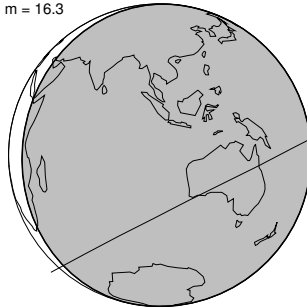
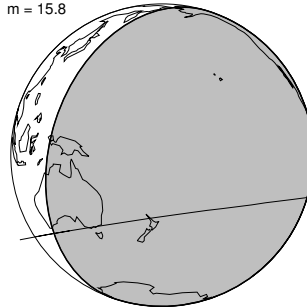
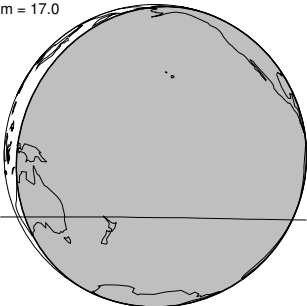
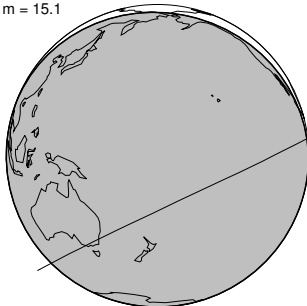
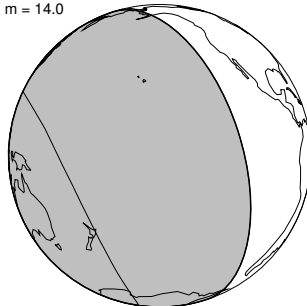
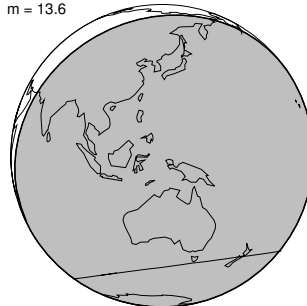
Occultations by major and minor planets – 2018

Region 8

<p>2018 jul 9 13h 1.6m A18_07005 26 Proserpina PPMX 12755150 Diam = 98.7 m = 12.3 m = 10.6</p>  <p>Dur = 10.1s Dmag = 0.2 Sun: 174° Moon: 132°</p>	<p>2018 jul 9 16h48.7m A18_07109 636 Erika HSOY 064824780 Diam = 78.3 m = 11.6 m = 13.0</p>  <p>Dur = 8.2s Dmag = 1.7 Sun: 164° Moon: 139°</p>	<p>2018 jul 10 12h 8.6m A18_07012 45 Eugenia HSOY 581672437 Diam = 214.0 m = 11.3 m = 12.7</p>  <p>Dur = 8.5s Dmag = 1.7 Sun: 74° Moon: 112°</p>	<p>2018 jul 10 12h37.6m A18_07108 636 Erika HSOY 064823204 Diam = 78.3 m = 11.7 m = 13.0</p>  <p>Dur = 8.3s Dmag = 1.6 Sun: 163° Moon: 150°</p>
<p>2018 jul 10 13h 5.8m A18_07077 423 Diotima TYC 7391-00052-1 Diam = 217.0 m = 11.7 m = 11.6</p>  <p>Dur = 19.6s Dmag = 0.7 Sun: 161° Moon: 157°</p>	<p>2018 jul 10 16h13.9m A18_07076 423 Diotima HSOY 066453767 Diam = 217.0 m = 11.5 m = 11.6</p>  <p>Dur = 19.7s Dmag = 0.8 Sun: 161° Moon: 159°</p>	<p>2018 jul 10 18h11.7m A18_07032 139 Juewa HSOY 468986741 Diam = 164.0 m = 12.3 m = 13.8</p>  <p>Dur = 8.3s Dmag = 1.8 Sun: 80° Moon: 47°</p>	<p>2018 jul 10 18h15.9m A18_07036 144 Vibilia HSOY 074244608 Diam = 178.0 m = 12.0 m = 10.9</p>  <p>Dur = 17.3s Dmag = 0.3 Sun: 174° Moon: 150°</p>
<p>2018 jul 11 12h18.6m A18_07081 442 Eichsfeldia HSOY 578240861 Diam = 67.5 m = 11.4 m = 14.0</p>  <p>Dur = 6.8s Dmag = 2.7 Sun: 109° Moon: 132°</p>	<p>2018 jul 11 13h 3.3m A18_07164 2014OE394 TYC 6324-00256-1 Diam = 501.2 m = 11.7 m = 21.2</p>  <p>Dur = 20.3s Dmag = 9.4 Sun: 174° Moon: 152°</p>	<p>2018 jul 12 6h26.7m A18_07124 931 Whitemora HSOY 046499511 Diam = 52.6 m = 10.9 m = 14.9</p>  <p>Dur = 3.7s Dmag = 4.0 Sun: 157° Moon: 169°</p>	<p>2018 jul 12 18h22.5m A18_07033 140 Siwa HSOY 114694208 Diam = 114.0 m = 11.0 m = 10.8</p>  <p>Dur = 17.8s Dmag = 0.7 Sun: 166° Moon: 161°</p>
<p>2018 jul 12 19h 4.4m A18_07097 578 Happelia HSOY 064155626 Diam = 71.6 m = 11.7 m = 12.0</p>  <p>Dur = 10.6s Dmag = 0.9 Sun: 161° Moon: 164°</p>	<p>2018 jul 13 11h15.9m B18_07005 55576 Amycus HSOY 073452846 Diam = 114.8 m = 14.9 m = 21.0</p>  <p>Dur = 5.1s Dmag = 6.1 Sun: 168° Moon: 164°</p>	<p>2018 jul 13 17h 7.6m A18_07040 156 Xanthippe HSOY 119902333 Diam = 126.0 m = 11.9 m = 12.3</p>  <p>Dur = 13.0s Dmag = 1.0 Sun: 154° Moon: 161°</p>	<p>2018 jul 14 13h41.8m A18_07085 483 Seppina TYC 0468-03214-1 Diam = 73.5 m = 9.7 m = 13.3</p>  <p>Dur = 5.6s Dmag = 3.6 Sun: 156° Moon: 149°</p>

Occultations by major and minor planets – 2018

Region 8

<p>2018 jul 14 16h35.3m A18_07142 2032 Ethel PPMX 12736697 Diam = 42.0 m = 11.7 m = 15.7</p>  <p>Dur = 4.2s Dmag = 4.0 Sun: 167° Moon: 145°</p>	<p>2018 jul 15 10h48.9m A18_07054 213 Lilaea PPMX 11624055 Diam = 84.6 m = 12.4 m = 12.0</p>  <p>Dur = 13.3s Dmag = 0.6 Sun: 151° Moon: 118°</p>	<p>2018 jul 16 15h 6.9m A18_07039 152 Atala TYC 7899-03174-1 Diam = 89.9 m = 11.9 m = 13.5</p>  <p>Dur = 7.6s Dmag = 1.8 Sun: 153° Moon: 109°</p>	<p>2018 jul 16 21h46.4m A18_07019 70 Panopaea TYC 7492-00986-1 Diam = 127.0 m = 12.2 m = 11.1</p>  <p>Dur = 22.2s Dmag = 0.3 Sun: 145° Moon: 151°</p>
<p>2018 jul 17 14h11.8m A18_07099 578 Happelia HSOY 064126731 Diam = 71.6 m = 12.2 m = 12.1</p>  <p>Dur = 11.8s Dmag = 0.7 Sun: 157° Moon: 99°</p>	<p>2018 jul 17 19h 2.5m A18_07071 387 Aquitania TYC 5273-01303-1 Diam = 106.0 m = 11.3 m = 11.8</p>  <p>Dur = 7.7s Dmag = 1.0 Sun: 103° Moon: 165°</p>	<p>2018 jul 18 17h 1.5m A18_07034 140 Siwa UCAC4-346-189317 Diam = 114.0 m = 12.5 m = 10.6</p>  <p>Dur = 16.5s Dmag = 0.2 Sun: 173° Moon: 111°</p>	<p>2018 jul 18 18h 9.7m A18_07087 515 Athalia HSOY 083062383 Diam = 43.0 m = 12.3 m = 16.4</p>  <p>Dur = 3.3s Dmag = 4.1 Sun: 160° Moon: 84°</p>
<p>2018 jul 18 19h51.2m A18_07068 347 Pariana HSOY 453364738 Diam = 96.4 m = 12.0 m = 14.4</p>  <p>Dur = 12.3s Dmag = 2.5 Sun: 107° Moon: 169°</p>	<p>2018 jul 19 7h11.0m A18_07135 1404 Ajax TYC 7905-00238-1 Diam = 92.0 m = 11.3 m = 16.4</p>  <p>Dur = 5.8s Dmag = 5.1 Sun: 152° Moon: 77°</p>	<p>2018 jul 19 15h32.2m A18_07154 4833 Meges HSOY 084997920 Diam = 63.1 m = 12.2 m = 16.3</p>  <p>Dur = 3.5s Dmag = 4.1 Sun: 155° Moon: 68°</p>	<p>2018 jul 20 9h13.7m A18_07143 2196 Ellicott HSOY 051076390 Diam = 62.2 m = 12.1 m = 15.8</p>  <p>Dur = 9.3s Dmag = 3.7 Sun: 137° Moon: 42°</p>
<p>2018 jul 20 9h16.4m A18_07160 16974 1998WR21 TYC 5685-04184-1 Diam = 43.7 m = 12.2 m = 17.0</p>  <p>Dur = 3.0s Dmag = 4.8 Sun: 154° Moon: 60°</p>	<p>2018 jul 20 12h27.9m A18_07129 1070 Tunica HSOY 119101161 Diam = 40.0 m = 11.3 m = 15.1</p>  <p>Dur = 3.2s Dmag = 3.9 Sun: 160° Moon: 89°</p>	<p>2018 jul 20 13h57.7m A18_07093 559 Nanon TYC 5834-00084-1 Diam = 80.0 m = 10.2 m = 14.0</p>  <p>Dur = 16.2s Dmag = 3.8 Sun: 122° Moon: 138°</p>	<p>2018 jul 20 14h30.0m A18_07130 1102 Pepita UCAC4-455-082314 Diam = 43.5 m = 11.8 m = 13.6</p>  <p>Dur = 4.2s Dmag = 2.0 Sun: 154° Moon: 70°</p>

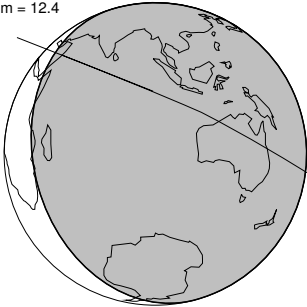
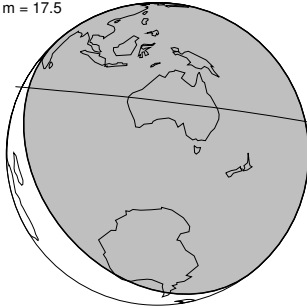
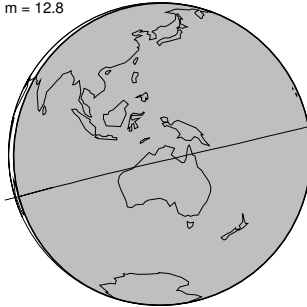
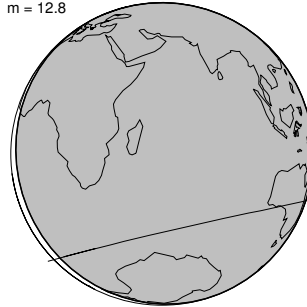
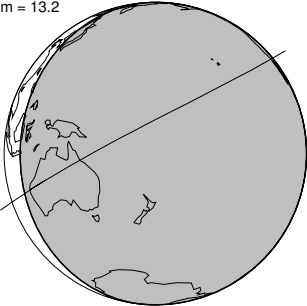
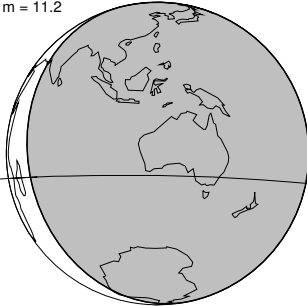
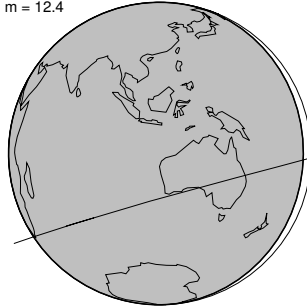
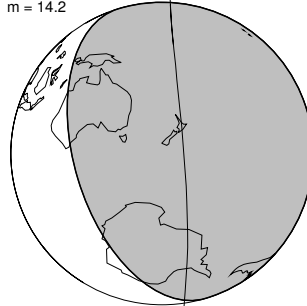
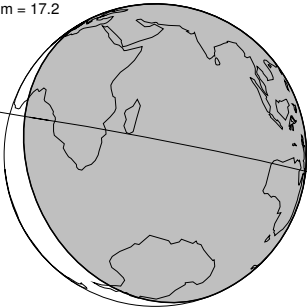
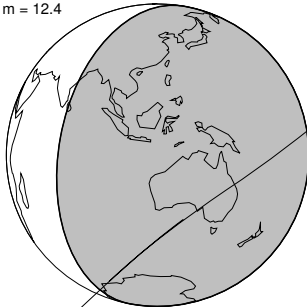
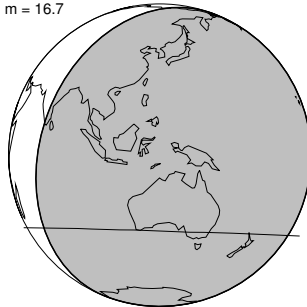
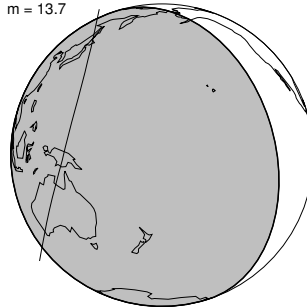
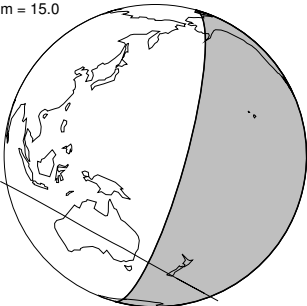
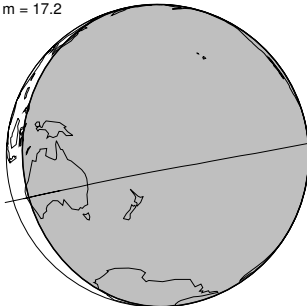
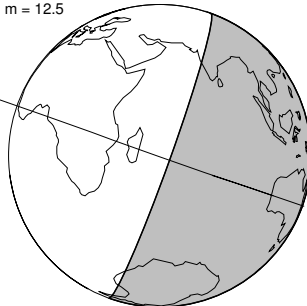
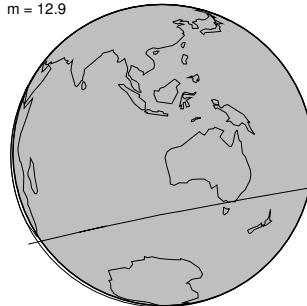
Occultations by major and minor planets – 2018

Region 8

<p>2018 jul 20 16h49.3m A18_07020 86 Semele HIP 106876 Diam = 127.0 m = 7.3 m = 12.8</p> <p>Dur = 13.9s Dmag = 5.5 Sun: 156° Moon: 103°</p>	<p>2018 jul 21 17h33.4m A18_07138 1583 Antiochus HSOY 173117234 Diam = 109.0 m = 12.4 m = 15.8</p> <p>Dur = 6.9s Dmag = 3.5 Sun: 142° Moon: 80°</p>	<p>2018 jul 21 18h 2.8m A18_07079 423 Diotima HSOY 029210485 Diam = 217.0 m = 12.4 m = 11.8</p> <p>Dur = 25.2s Dmag = 0.5 Sun: 150° Moon: 41°</p>	<p>2018 jul 24 13h26.9m A18_07025 118 Peitho HSOY 076566056 Diam = 45.7 m = 12.4 m = 12.8</p> <p>Dur = 3.8s Dmag = 1.0 Sun: 166° Moon: 44°</p>
<p>2018 jul 24 14h17.6m A18_07018 55 Pandora TYC 7455-00021-1 Diam = 67.5 m = 12.1 m = 11.3</p> <p>Dur = 6.4s Dmag = 0.4 Sun: 168° Moon: 39°</p>	<p>2018 jul 24 15h54.7m A18_07146 2356 Hiron HSOY 112330792 Diam = 49.2 m = 11.6 m = 15.7</p> <p>Dur = 3.9s Dmag = 4.2 Sun: 156° Moon: 30°</p>	<p>2018 jul 26 10h30.6m A18_07030 137 Meliboea HSOY 111702350 Diam = 150.0 m = 12.4 m = 11.6</p> <p>Dur = 18.8s Dmag = 0.4 Sun: 153° Moon: 20°</p>	<p>2018 jul 26 18h35.6m A18_07073 409 Aspasia PPMX 8871029 Diam = 168.0 m = 12.3 m = 11.2</p> <p>Dur = 18.0s Dmag = 0.3 Sun: 151° Moon: 38°</p>
<p>2018 jul 27 12h58.3m A18_07007 26 Proserpina HSOY 071547457 Diam = 98.7 m = 9.1 m = 11.0</p> <p>Dur = 13.1s Dmag = 2.1 Sun: 156° Moon: 21°</p>	<p>2018 jul 28 15h31.8m A18_07055 233 Asterope HSOY 052270194 Diam = 108.0 m = 12.4 m = 12.2</p> <p>Dur = 22.9s Dmag = 0.6 Sun: 139° Moon: 49°</p>	<p>2018 jul 28 16h 5.0m A18_07022 97 Klotho HSOY 107650673 Diam = 87.1 m = 12.2 m = 12.1</p> <p>Dur = 6.4s Dmag = 0.7 Sun: 159° Moon: 28°</p>	<p>2018 jul 29 8h24.2m A18_07125 931 Whittemora HSOY 045126074 Diam = 52.6 m = 12.2 m = 15.1</p> <p>Dur = 5.4s Dmag = 3.0 Sun: 138° Moon: 58°</p>
<p>2018 jul 29 12h35.1m P18_07001 Jupiter HIP 72182 Diam = 133542.0 m = 8.8 m = -2.1</p> <p>Dur = 16472.9s Dmag = 0.0 Sun: 97° Moon: 101°</p>	<p>2018 jul 30 11h41.9m A18_07065 294 Felicia HSOY 093838692 Diam = 59.6 m = 11.8 m = 13.1</p> <p>Dur = 8.2s Dmag = 1.6 Sun: 156° Moon: 52°</p>	<p>2018 jul 30 16h15.2m A18_07102 578 Happelia HSOY 064039518 Diam = 71.6 m = 12.4 m = 12.4</p> <p>Dur = 20.7s Dmag = 0.8 Sun: 144° Moon: 65°</p>	<p>2018 jul 31 12h 0.5m B18_07019 2014KD102 HSOY 044481932 Diam = 158.5 m = 14.7 m = 22.1</p> <p>Dur = 11.2s Dmag = 7.4 Sun: 132° Moon: 87°</p>

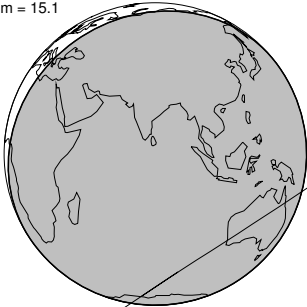
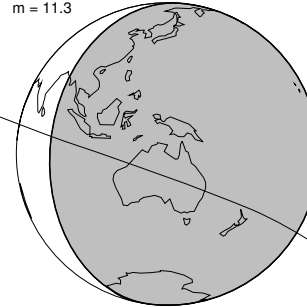
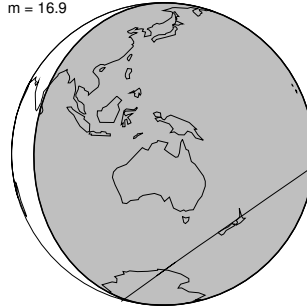
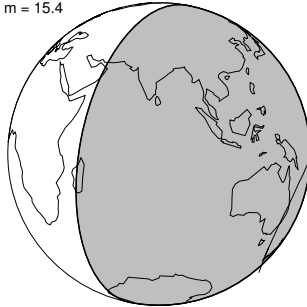
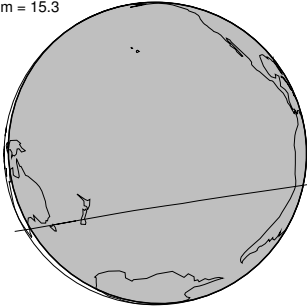
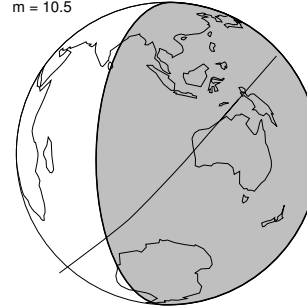
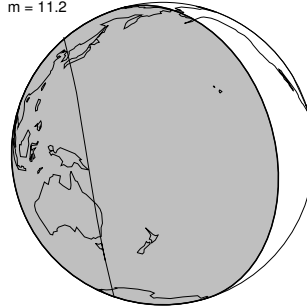
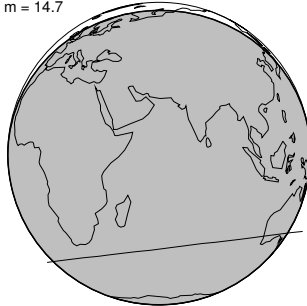
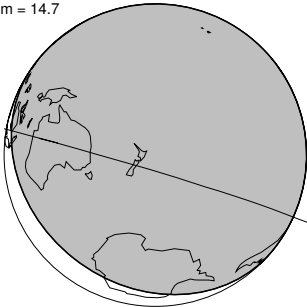
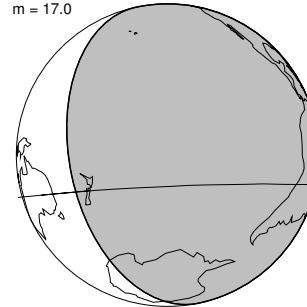
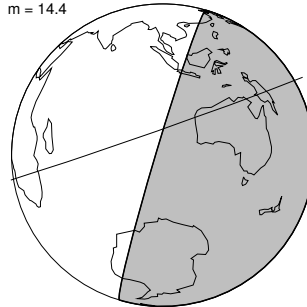
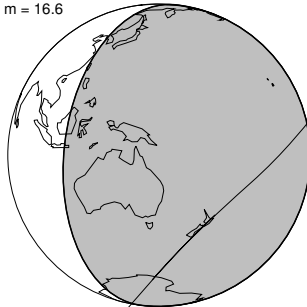
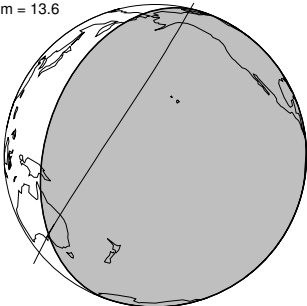
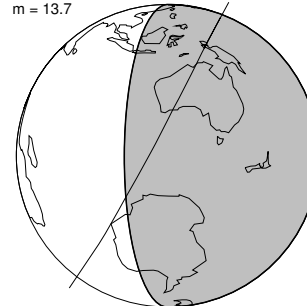
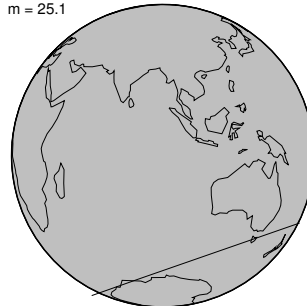
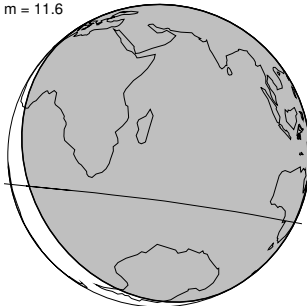
Occultations by major and minor planets – 2018

Region 8

<p>2018 jul 31 15h14.3m A18_07101 578 Happelia TYC 7396-01915-1 Diam = 71.6 m = 11.1 m = 12.4</p>  <p>Dur = 22.0s Dmag = 1.6 Sun: 143° Moon: 76°</p>	<p>2018 aug 1 13h44.7m A18_08142 5028 Halaesus HSOY 335553409 Diam = 43.7 m = 12.3 m = 17.5</p>  <p>Dur = 3.1s Dmag = 5.3 Sun: 143° Moon: 81°</p>	<p>2018 aug 1 14h19.7m A18_08030 168 Sibylla HSOY 096572260 Diam = 154.0 m = 12.4 m = 12.8</p>  <p>Dur = 12.7s Dmag = 1.0 Sun: 164° Moon: 67°</p>	<p>2018 aug 1 19h11.9m A18_08089 566 Stereokopia HSOY 075248482 Diam = 175.0 m = 12.0 m = 12.8</p>  <p>Dur = 14.8s Dmag = 1.2 Sun: 163° Moon: 70°</p>
<p>2018 aug 2 10h21.1m A18_08061 294 Felicia HSOY 093811489 Diam = 59.6 m = 12.1 m = 13.2</p>  <p>Dur = 8.9s Dmag = 1.4 Sun: 153° Moon: 89°</p>	<p>2018 aug 3 13h52.2m A18_08006 26 Proserpina HSOY 071405968 Diam = 98.7 m = 11.4 m = 11.2</p>  <p>Dur = 16.7s Dmag = 0.7 Sun: 148° Moon: 106°</p>	<p>2018 aug 3 17h48.5m A18_08019 81 Terpsichore UCAC4-353-193341 Diam = 124.0 m = 9.8 m = 12.4</p>  <p>Dur = 12.3s Dmag = 2.7 Sun: 161° Moon: 61°</p>	<p>2018 aug 5 9h21.3m A18_08110 795 Fini HSOY 243204253 Diam = 78.7 m = 12.2 m = 14.2</p>  <p>Dur = 11.1s Dmag = 2.1 Sun: 125° Moon: 135°</p>
<p>2018 aug 5 18h17.3m A18_08140 5025 1986TS6 TYC 7417-00855-1 Diam = 45.7 m = 8.9 m = 17.2</p>  <p>Dur = 3.4s Dmag = 8.3 Sun: 147° Moon: 131°</p>	<p>2018 aug 6 12h53.8m A18_08054 233 Asterope TYC 5672-00264-1 Diam = 108.0 m = 11.5 m = 12.4</p>  <p>Dur = 49.4s Dmag = 1.3 Sun: 130° Moon: 161°</p>	<p>2018 aug 6 13h10.7m A18_08149 9799 1996RJ HSOY 103601994 Diam = 52.5 m = 12.0 m = 16.7</p>  <p>Dur = 4.1s Dmag = 4.8 Sun: 142° Moon: 145°</p>	<p>2018 aug 6 14h38.4m A18_08095 582 Olympia TYC 5259-00212-1 Diam = 47.0 m = 8.8 m = 13.7</p>  <p>Dur = 3.9s Dmag = 4.9 Sun: 138° Moon: 72°</p>
<p>2018 aug 7 6h43.0m A18_08108 754 Malabar PPMX 8410156 Diam = 89.1 m = 12.0 m = 15.0</p>  <p>Dur = 4.1s Dmag = 3.1 Sun: 78° Moon: 134°</p>	<p>2018 aug 7 9h52.8m A18_08146 7152 Euneus TYC 6308-00282-1 Diam = 43.7 m = 9.0 m = 17.2</p>  <p>Dur = 3.2s Dmag = 8.1 Sun: 153° Moon: 151°</p>	<p>2018 aug 7 13h30.2m A18_08039 187 Lambertia HSOY 573975009 Diam = 135.0 m = 10.6 m = 12.5</p>  <p>Dur = 5.9s Dmag = 2.1 Sun: 85° Moon: 138°</p>	<p>2018 aug 7 15h57.0m A18_08065 332 Siri HSOY 078210057 Diam = 45.0 m = 10.9 m = 12.9</p>  <p>Dur = 4.8s Dmag = 2.2 Sun: 168° Moon: 138°</p>

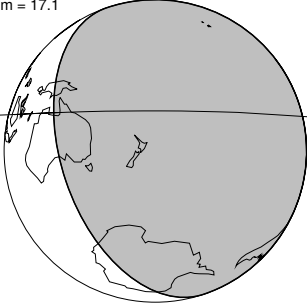
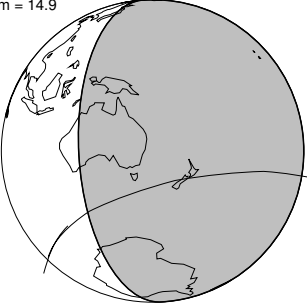
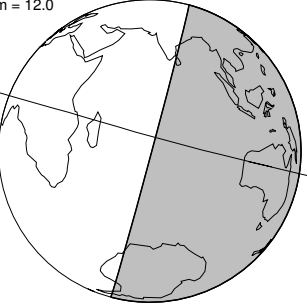
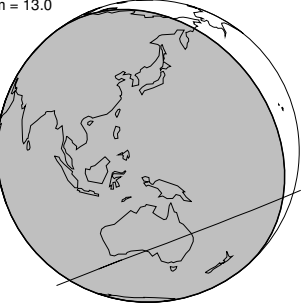
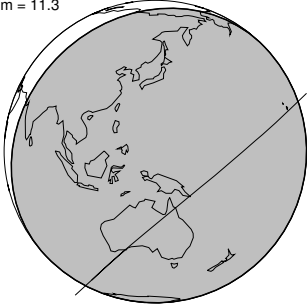
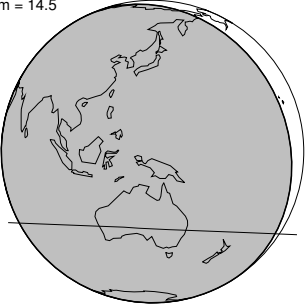
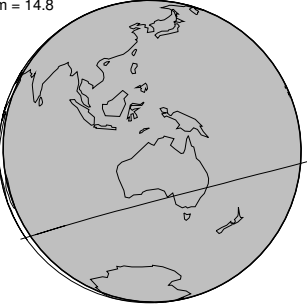
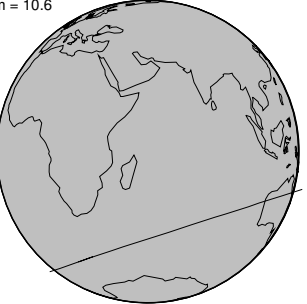
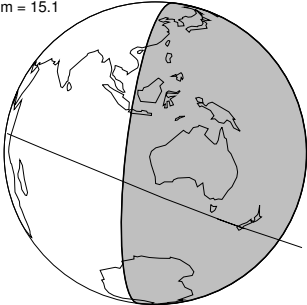
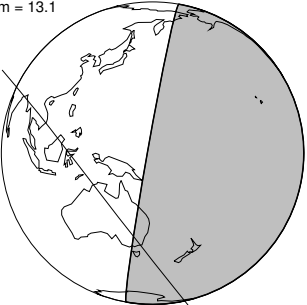
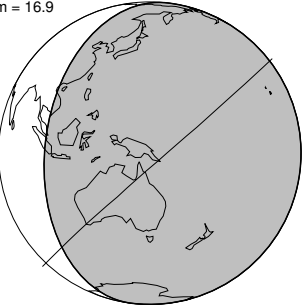
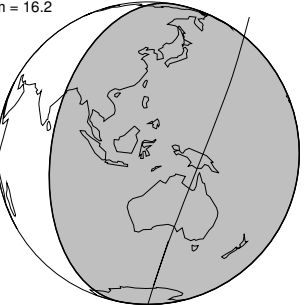
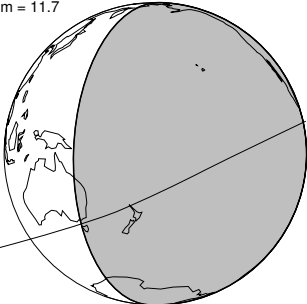
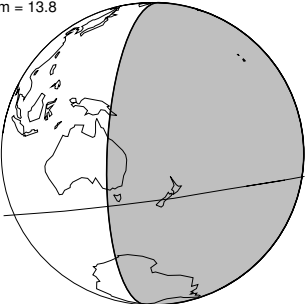
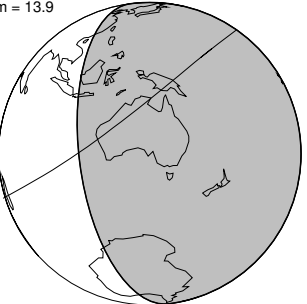
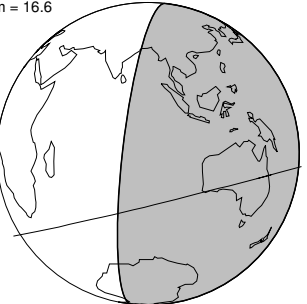
Occultations by major and minor planets – 2018

Region 8

<p>2018 aug 7 17h43.9m A18_08113 892 Seeligeria TYC 0499–01210–1 Diam = 78.5 m = 11.7 m = 15.1</p>  <p>Dur = 5.1s Dmag = 3.4 Sun: 156° Moon: 134°</p>	<p>2018 aug 9 12h15.7m A18_08044 198 Ampella HSOY 089524977 Diam = 58.7 m = 9.2 m = 11.3</p>  <p>Dur = 14.4s Dmag = 2.3 Sun: 140° Moon: 167°</p>	<p>2018 aug 9 12h54.7m A18_08151 15440 1998WX4 UCAC4–368–163868 Diam = 50.1 m = 12.3 m = 16.9</p>  <p>Dur = 3.2s Dmag = 4.6 Sun: 148° Moon: 174°</p>	<p>2018 aug 9 14h39.6m A18_08078 458 Hercynia HSOY 051049569 Diam = 40.0 m = 11.7 m = 15.4</p>  <p>Dur = 6.1s Dmag = 3.7 Sun: 121° Moon: 147°</p>
<p>2018 aug 11 9h 2.9m A18_08122 1268 Libya HSOY 077814945 Diam = 97.5 m = 12.4 m = 15.3</p>  <p>Dur = 6.5s Dmag = 2.9 Sun: 164° Moon: 165°</p>	<p>2018 aug 11 12h48.6m A18_08008 29 Amphitrite HSOY 021611918 Diam = 219.0 m = 12.4 m = 10.5</p>  <p>Dur = 54.6s Dmag = 0.2 Sun: 118° Moon: 117°</p>	<p>2018 aug 11 14h50.2m A18_08032 173 Ino HSOY 453404805 Diam = 159.0 m = 12.4 m = 11.2</p>  <p>Dur = 23.8s Dmag = 0.3 Sun: 137° Moon: 141°</p>	<p>2018 aug 11 19h52.8m A18_08124 1436 Salonta HSOY 454776796 Diam = 63.6 m = 11.9 m = 14.7</p>  <p>Dur = 5.3s Dmag = 2.8 Sun: 161° Moon: 160°</p>
<p>2018 aug 13 10h40.9m A18_08116 1005 Arago HSOY 075558048 Diam = 62.7 m = 12.3 m = 14.7</p>  <p>Dur = 4.7s Dmag = 2.4 Sun: 150° Moon: 128°</p>	<p>2018 aug 14 6h13.6m A18_08143 5254 Ulysses HSOY 062656217 Diam = 60.3 m = 12.2 m = 17.0</p>  <p>Dur = 7.1s Dmag = 4.8 Sun: 130° Moon: 93°</p>	<p>2018 aug 14 10h48.9m A18_08125 1467 Mashona HSOY 203882490 Diam = 112.0 m = 11.0 m = 14.4</p>  <p>Dur = 6.1s Dmag = 3.4 Sun: 92° Moon: 57°</p>	<p>2018 aug 15 10h27.5m A18_08126 1760 Sandra HSOY 086595520 Diam = 40.1 m = 12.3 m = 16.6</p>  <p>Dur = 19.8s Dmag = 4.2 Sun: 128° Moon: 74°</p>
<p>2018 aug 18 8h14.8m A18_08082 483 Seppina TYC 5128–00443–1 Diam = 73.5 m = 10.8 m = 13.6</p>  <p>Dur = 6.8s Dmag = 2.9 Sun: 136° Moon: 52°</p>	<p>2018 aug 18 10h49.5m A18_08057 247 Eukrate TYC 8337–00697–1 Diam = 137.0 m = 11.8 m = 13.7</p>  <p>Dur = 11.3s Dmag = 2.0 Sun: 106° Moon: 38°</p>	<p>2018 aug 18 17h46.9m B18_08007 1999KR18 HSOY 448877115 Diam = 109.6 m = 12.6 m = 25.1</p>  <p>Dur = 4.3s Dmag = 12.5 Sun: 178° Moon: 84°</p>	<p>2018 aug 18 18h51.0m A18_08013 55 Pandora TYC 7441–01034–1 Diam = 67.5 m = 9.9 m = 11.6</p>  <p>Dur = 8.4s Dmag = 1.9 Sun: 150° Moon: 59°</p>

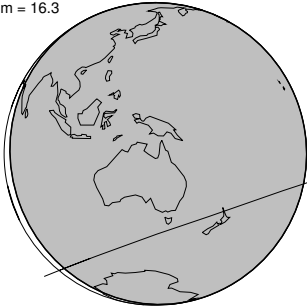
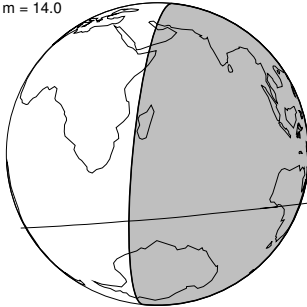
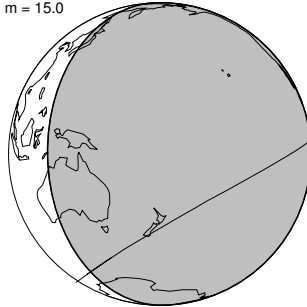
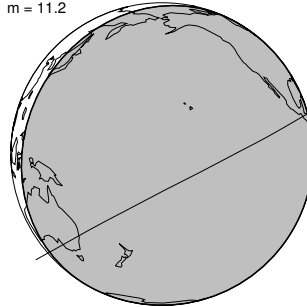
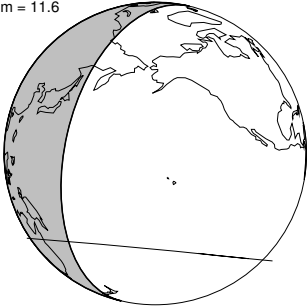
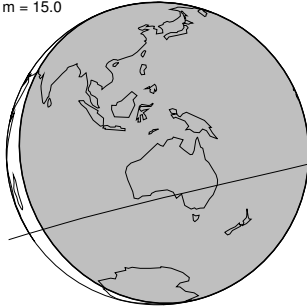
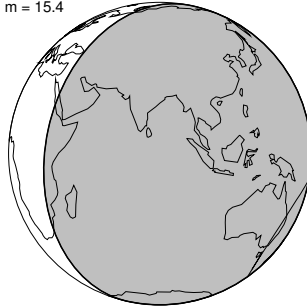
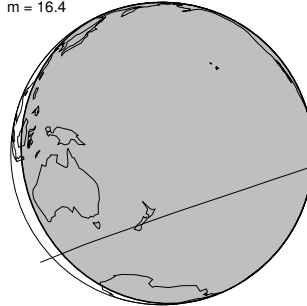
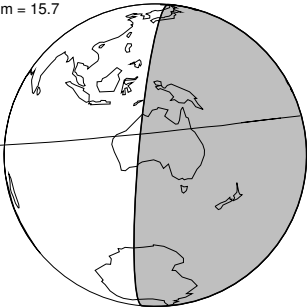
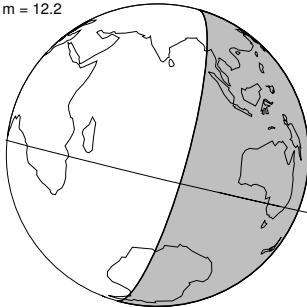
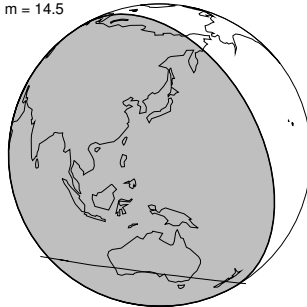
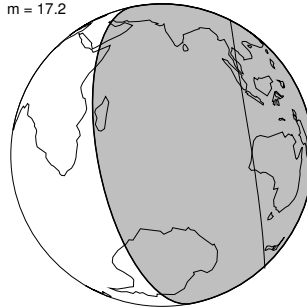
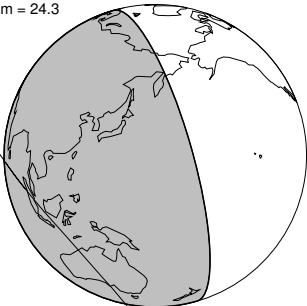
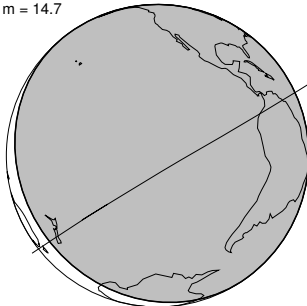
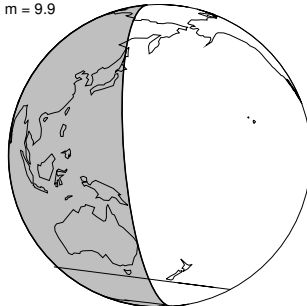
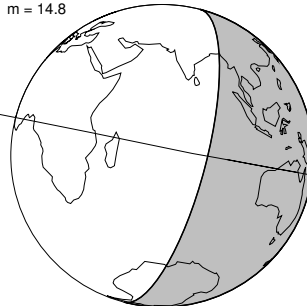
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Region 8

<p>2018 aug 19 8h36.5m A18_08141 5027 Androgeos UCAC4-245-169484 Diam = 55.0 m = 12.3 m = 17.1</p>  <p>Dur = 6.5s Dmag = 4.8 Sun: 128° Moon: 36°</p>	<p>2018 aug 19 9h26.8m A18_08096 593 Titania HSOY 025548813 Diam = 78.2 m = 11.8 m = 14.9</p>  <p>Dur = 96.0s Dmag = 3.2 Sun: 119° Moon: 22°</p>	<p>2018 aug 19 12h51.8m A18_08005 13 Egeria HSOY 005973825 Diam = 215.0 m = 10.6 m = 12.0</p>  <p>Dur = 12.9s Dmag = 1.7 Sun: 89° Moon: 21°</p>	<p>2018 aug 20 16h52.7m A18_08073 374 Burgundia TYC 1170-00472-1 Diam = 48.2 m = 12.0 m = 13.0</p>  <p>Dur = 5.9s Dmag = 1.4 Sun: 146° Moon: 95°</p>
<p>2018 aug 21 13h42.8m A18_08058 258 Tyche HSOY 170009877 Diam = 67.7 m = 11.7 m = 11.3</p>  <p>Dur = 8.2s Dmag = 0.6 Sun: 153° Moon: 46°</p>	<p>2018 aug 21 16h24.7m A18_08105 733 Moccia HSOY 457869462 Diam = 92.0 m = 10.6 m = 14.5</p>  <p>Dur = 6.8s Dmag = 3.9 Sun: 153° Moon: 79°</p>	<p>2018 aug 23 14h34.8m A18_08111 828 Lindemannia HSOY 448338061 Diam = 55.8 m = 12.4 m = 14.8</p>  <p>Dur = 5.0s Dmag = 2.5 Sun: 164° Moon: 16°</p>	<p>2018 aug 25 20h46.6m A18_08009 37 Fides TYC 5815-01039-1 Diam = 112.0 m = 12.1 m = 10.6</p>  <p>Dur = 10.2s Dmag = 0.2 Sun: 174° Moon: 12°</p>
<p>2018 aug 26 10h50.2m A18_08067 348 May HSOY 034821219 Diam = 88.0 m = 11.7 m = 15.1</p>  <p>Dur = 8.7s Dmag = 3.5 Sun: 101° Moon: 78°</p>	<p>2018 aug 27 7h50.3m A18_08026 130 Elektra HSOY 050298367 Diam = 189.0 m = 12.1 m = 13.1</p>  <p>Dur = 10.7s Dmag = 1.4 Sun: 91° Moon: 98°</p>	<p>2018 aug 27 11h 8.9m A18_08136 4060 Deipylus HSOY 108057012 Diam = 69.2 m = 12.3 m = 16.9</p>  <p>Dur = 5.7s Dmag = 4.6 Sun: 133° Moon: 57°</p>	<p>2018 aug 27 12h31.6m A18_08131 2356 Hiron HSOY 110085408 Diam = 49.2 m = 12.2 m = 16.2</p>  <p>Dur = 5.9s Dmag = 4.0 Sun: 129° Moon: 62°</p>
<p>2018 aug 28 7h47.6m A18_08046 198 Ampella HSOY 089918747 Diam = 58.7 m = 11.9 m = 11.7</p>  <p>Dur = 22.0s Dmag = 0.6 Sun: 122° Moon: 78°</p>	<p>2018 aug 28 8h 2.3m A18_08016 77 Frigga HSOY 038021466 Diam = 71.0 m = 11.2 m = 13.8</p>  <p>Dur = 10.6s Dmag = 2.6 Sun: 107° Moon: 93°</p>	<p>2018 aug 28 10h44.2m A18_08100 636 Erika HSOY 063990766 Diam = 78.3 m = 12.4 m = 13.9</p>  <p>Dur = 15.0s Dmag = 1.7 Sun: 117° Moon: 83°</p>	<p>2018 aug 28 12h27.1m A18_08120 1213 Algeria HSOY 035232070 Diam = 43.2 m = 11.8 m = 16.6</p>  <p>Dur = 4.1s Dmag = 4.8 Sun: 99° Moon: 103°</p>

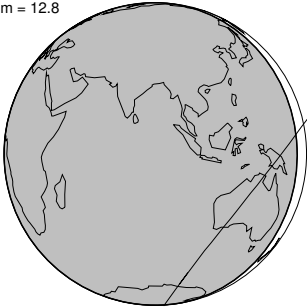
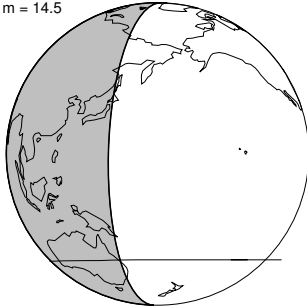
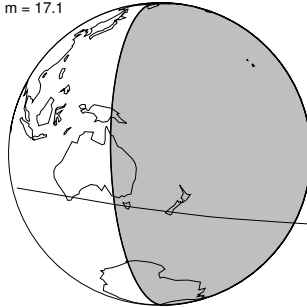
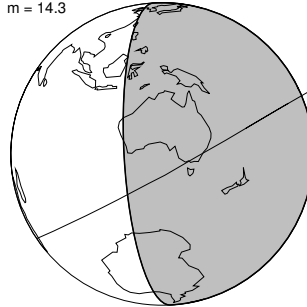
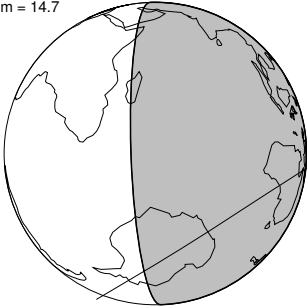
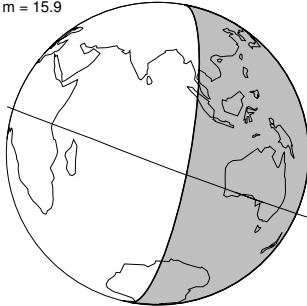
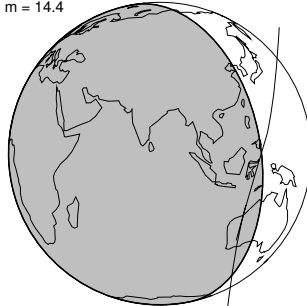
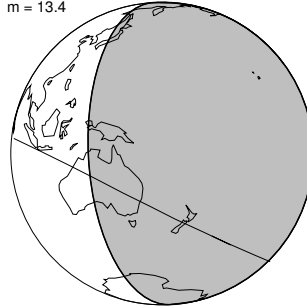
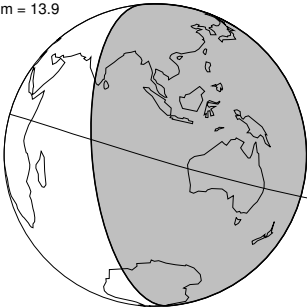
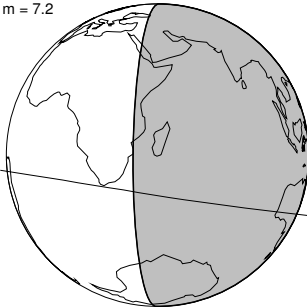
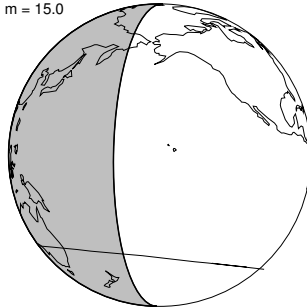
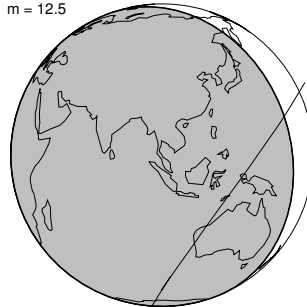
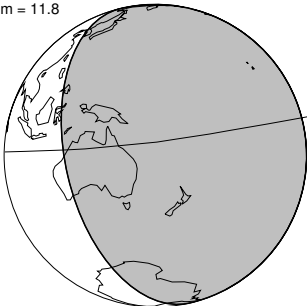
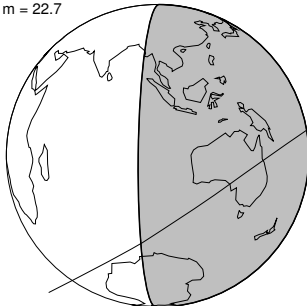
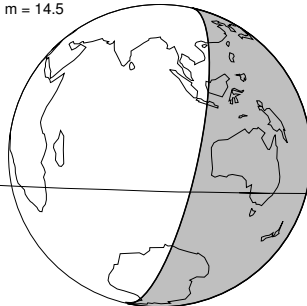
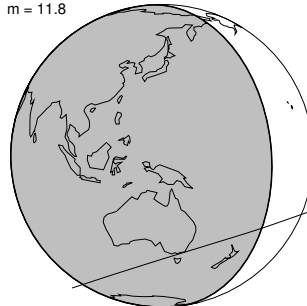
Occultations by major and minor planets – 2018

Region 8

<p>2018 aug 28 13h36.6m A18_08132 2394 Nadeev TYC 6360-00764-1 Diam = 56.0 m = 10.3 m = 16.3</p>  <p>Dur = 4.5s Dmag = 6.0 Sun: 162° Moon: 40°</p>	<p>2018 aug 28 14h55.3m A18_08072 362 Havnia HSOY 019645981 Diam = 66.1 m = 11.0 m = 14.0</p>  <p>Dur = 5.4s Dmag = 3.1 Sun: 99° Moon: 103°</p>	<p>2018 aug 29 9h27.8m A18_08119 1167 Dubiago HIP 96657 Diam = 69.0 m = 15.0</p>  <p>Dur = 13.0s Dmag = 7.0 Sun: 137° Moon: 75°</p>	<p>2018 aug 29 9h42.3m A18_08075 409 Aspasia HSOY 454550207 Diam = 168.0 m = 12.3 m = 11.2</p>  <p>Dur = 17.4s Dmag = 0.3 Sun: 155° Moon: 54°</p>
<p>2018 aug 30 19h23.9m A18_08064 324 Bamberga UCAC4-606-038025 Diam = 227.6 m = 10.4 m = 11.6</p>  <p>Dur = 6.5s Dmag = 1.6 Sun: 53° Moon: 79°</p>	<p>2018 sep 1 13h55.7m A18_09153 828 Lindemania HSOY 448284811 Diam = 55.8 m = 12.5 m = 15.0</p>  <p>Dur = 5.9s Dmag = 2.7 Sun: 154° Moon: 96°</p>	<p>2018 sep 1 15h38.9m A18_09154 892 Seeligeria HSOY 118708244 Diam = 78.5 m = 12.1 m = 15.4</p>  <p>Dur = 6.1s Dmag = 3.3 Sun: 139° Moon: 109°</p>	<p>2018 sep 2 10h26.7m A18_09173 2394 Nadeev HSOY 448418568 Diam = 56.0 m = 11.4 m = 16.4</p>  <p>Dur = 4.9s Dmag = 5.0 Sun: 157° Moon: 104°</p>
<p>2018 sep 3 9h24.4m A18_09168 1512 Oulu HSOY 021957580 Diam = 90.0 m = 11.2 m = 15.7</p>  <p>Dur = 6.5s Dmag = 4.5 Sun: 96° Moon: 169°</p>	<p>2018 sep 3 11h46.8m A18_09010 13 Egeria HSOY 006660195 Diam = 215.0 m = 12.1 m = 12.2</p>  <p>Dur = 9.7s Dmag = 0.8 Sun: 78° Moon: 158°</p>	<p>2018 sep 3 17h40.8m A18_09084 382 Dodona HIP 7288 Diam = 60.0 m = 8.8 m = 14.5</p>  <p>Dur = 8.3s Dmag = 5.7 Sun: 131° Moon: 52°</p>	<p>2018 sep 4 14h58.0m A18_09182 6090 1989DJ HSOY 060083985 Diam = 55.0 m = 11.7 m = 17.2</p>  <p>Dur = 5.7s Dmag = 5.5 Sun: 115° Moon: 161°</p>
<p>2018 sep 4 18h11.1m B18_09007 1997SZ10 HSOY 527189882 Diam = 83.2 m = 14.6 m = 24.3</p>  <p>Dur = 14.8s Dmag = 9.6 Sun: 104° Moon: 37°</p>	<p>2018 sep 5 6h51.6m A18_09162 1262 Sniadeckia TYC 6374-00629-1 Diam = 58.7 m = 9.4 m = 14.7</p>  <p>Dur = 5.5s Dmag = 5.3 Sun: 155° Moon: 140°</p>	<p>2018 sep 5 19h58.0m A18_09006 6 Hebe PPMX 6970964 Diam = 186.0 m = 12.5 m = 9.9</p>  <p>Dur = 7.3s Dmag = 0.1 Sun: 76° Moon: 25°</p>	<p>2018 sep 6 12h 3.2m A18_09048 203 Pompeja HSOY 007941150 Diam = 120.0 m = 12.2 m = 14.8</p>  <p>Dur = 4.8s Dmag = 2.7 Sun: 72° Moon: 118°</p>

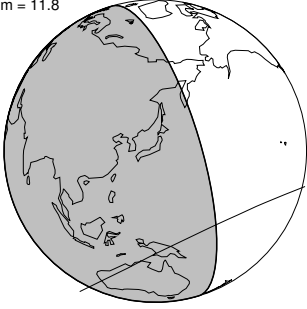
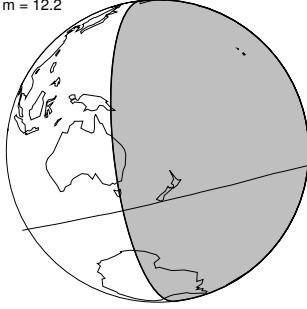
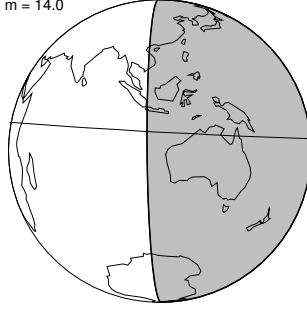
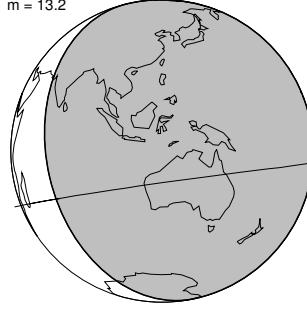
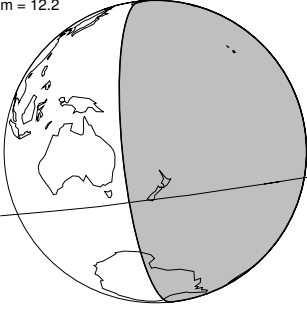
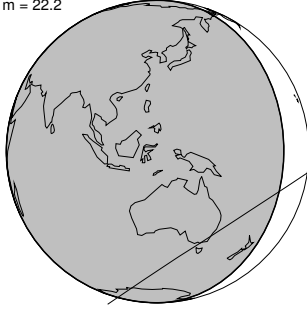
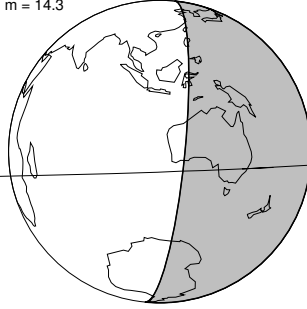
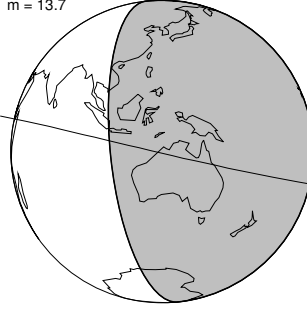
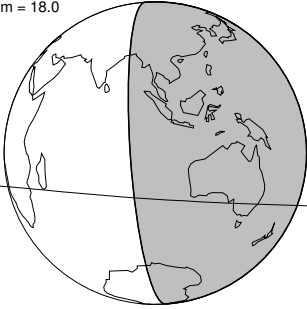
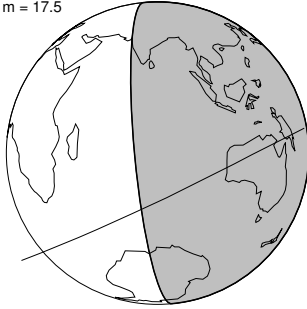
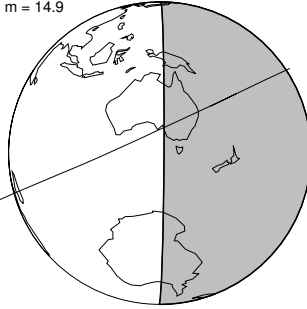
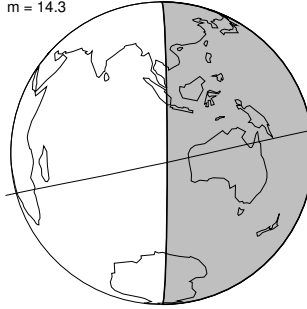
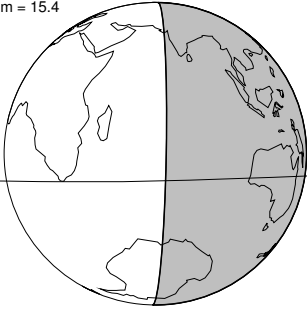
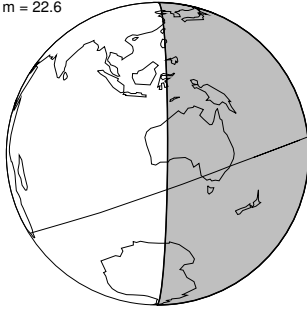
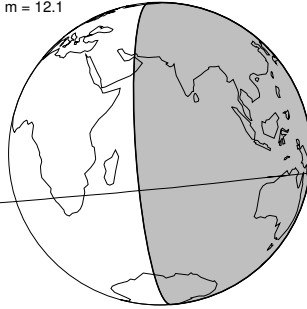
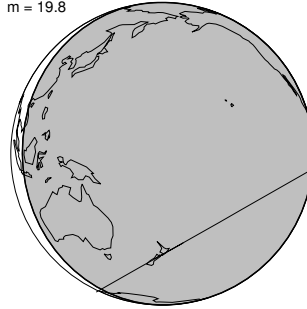
Occultations by major and minor planets – 2018

Region 8

<p>2018 sep 6 19h26.6m A18_09117 542 Susanna TYC 4671-00108-1 Diam = 43.5 m = 11.3 m = 12.8</p>  <p>Dur = 4.5s Dmag = 1.8 Sun: 159° Moon: 120°</p>	<p>2018 sep 6 20h 5.3m A18_09024 90 Antiope HSOY 545749535 Diam = 125.0 m = 12.5 m = 14.5</p>  <p>Dur = 5.3s Dmag = 2.2 Sun: 71° Moon: 31°</p>	<p>2018 sep 7 8h16.0m A18_09107 515 Athalia HSOY 080435682 Diam = 43.0 m = 10.7 m = 17.1</p>  <p>Dur = 9.0s Dmag = 6.5 Sun: 108° Moon: 142°</p>	<p>2018 sep 7 10h 4.6m A18_09039 152 Atala HSOY 025053164 Diam = 89.9 m = 11.7 m = 14.3</p>  <p>Dur = 10.6s Dmag = 2.6 Sun: 104° Moon: 136°</p>
<p>2018 sep 9 14h46.7m A18_09148 795 Fini HSOY 243950210 Diam = 78.7 m = 12.5 m = 14.7</p>  <p>Dur = 5.1s Dmag = 2.4 Sun: 99° Moon: 102°</p>	<p>2018 sep 10 11h20.2m A18_09155 971 Alsatia HSOY 031688803 Diam = 66.7 m = 11.0 m = 15.9</p>  <p>Dur = 3.1s Dmag = 4.9 Sun: 77° Moon: 68°</p>	<p>2018 sep 10 21h30.0m A18_09075 307 Nike PPMX 7889088 Diam = 58.0 m = 12.5 m = 14.4</p>  <p>Dur = 23.1s Dmag = 2.1 Sun: 131° Moon: 148°</p>	<p>2018 sep 11 9h 5.9m A18_09064 253 Mathilde HSOY 095366772 Diam = 61.0 m = 11.5 m = 13.4</p>  <p>Dur = 8.4s Dmag = 2.1 Sun: 119° Moon: 97°</p>
<p>2018 sep 11 12h56.3m A18_09073 294 Felicia TYC 6294-00333-1 Diam = 59.6 m = 11.3 m = 13.9</p>  <p>Dur = 7.8s Dmag = 2.8 Sun: 114° Moon: 90°</p>	<p>2018 sep 11 15h27.4m A18_09002 4 Vesta TYC 6832-00088-1 Diam = 523.2 m = 12.1 m = 7.2</p>  <p>Dur = 35.7s Dmag = 0.0 Sun: 99° Moon: 74°</p>	<p>2018 sep 11 17h51.7m A18_09114 538 Friederike HSOY 544191479 Diam = 77.8 m = 11.1 m = 15.0</p>  <p>Dur = 3.1s Dmag = 3.9 Sun: 72° Moon: 99°</p>	<p>2018 sep 11 19h14.4m A18_09027 105 Artemis TYC 0613-01223-1 Diam = 123.0 m = 12.2 m = 12.5</p>  <p>Dur = 10.4s Dmag = 0.9 Sun: 147° Moon: 174°</p>
<p>2018 sep 13 9h44.4m A18_09035 140 Siwa HSOY 114178811 Diam = 114.0 m = 11.8 m = 11.8</p>  <p>Dur = 30.3s Dmag = 0.7 Sun: 126° Moon: 79°</p>	<p>2018 sep 13 11h43.9m B18_09003 63252 2001BL41 HSOY 040569942 Diam = 19.1 m = 13.7 m = 22.7</p>  <p>Dur = 4.0s Dmag = 9.0 Sun: 97° Moon: 49°</p>	<p>2018 sep 14 10h34.4m A18_09079 356 Liguria HSOY 007708288 Diam = 135.0 m = 11.8 m = 14.5</p>  <p>Dur = 6.3s Dmag = 2.8 Sun: 75° Moon: 19°</p>	<p>2018 sep 15 17h33.8m A18_09133 674 Rachele PPMX 7889845 Diam = 101.0 m = 12.1 m = 11.8</p>  <p>Dur = 24.9s Dmag = 0.6 Sun: 136° Moon: 146°</p>

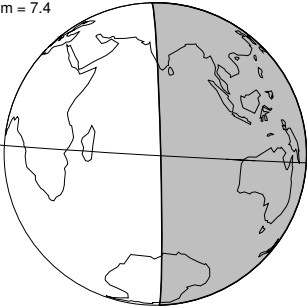
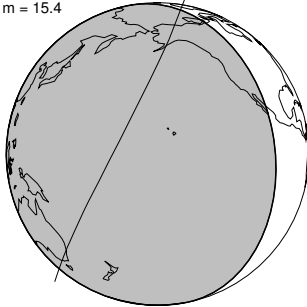
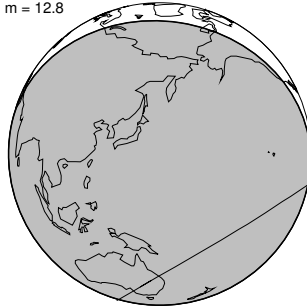
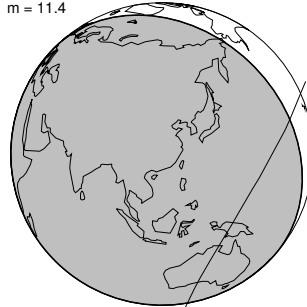
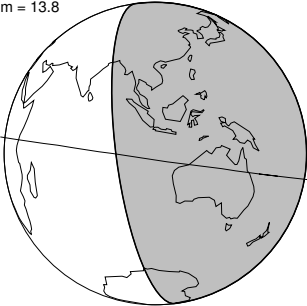
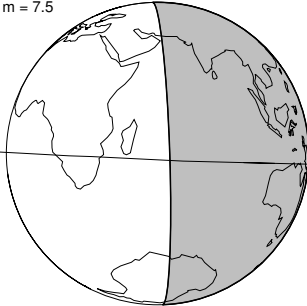
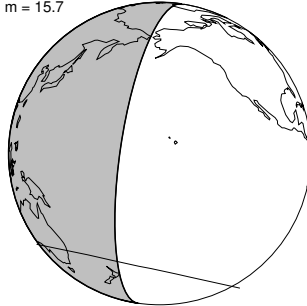
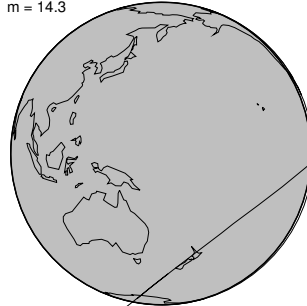
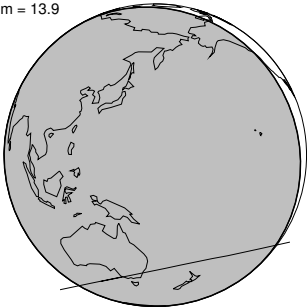
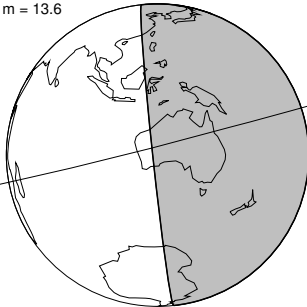
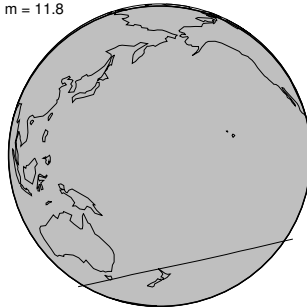
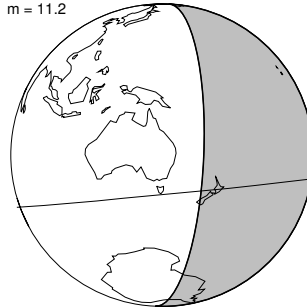
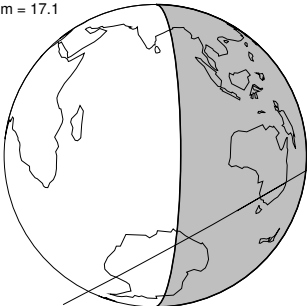
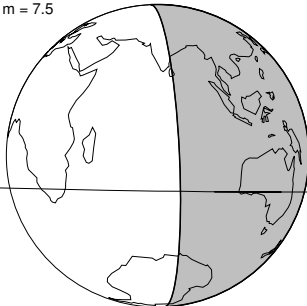
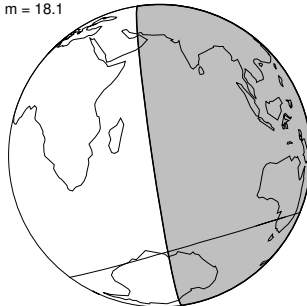
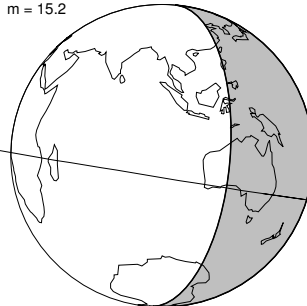
Occultations by major and minor planets – 2018

Region 8

<p>2018 sep 15 19h 5.2m A18_09121 584 Semiramis HSOY 528109772 Diam = 56.2 m = 11.2 m = 11.8</p>  <p>Dur = 5.7s Dmag = 1.1 Sun: 107° Moon: 161°</p>	<p>2018 sep 17 7h57.4m A18_09011 26 Proserpina UCAC4-314-223388 Diam = 98.7 m = 12.4 m = 12.2</p>  <p>Dur = 9.8s Dmag = 0.6 Sun: 106° Moon: 15°</p>	<p>2018 sep 19 10h48.4m A18_09071 268 Adorea HSOY 079982868 Diam = 142.0 m = 11.1 m = 14.0</p>  <p>Dur = 9.8s Dmag = 3.0 Sun: 94° Moon: 22°</p>	<p>2018 sep 20 13h13.4m A18_09032 123 Brunhild HSOY 448538468 Diam = 49.8 m = 12.3 m = 13.2</p>  <p>Dur = 8.7s Dmag = 1.4 Sun: 139° Moon: 11°</p>
<p>2018 sep 21 7h24.2m A18_09038 144 Vibilia HSOY 071517515 Diam = 178.0 m = 12.4 m = 12.2</p>  <p>Dur = 16.3s Dmag = 0.6 Sun: 102° Moon: 35°</p>	<p>2018 sep 21 17h45.6m B18_09009 2003QC112 HSOY 454319303 Diam = 75.9 m = 12.7 m = 22.2</p>  <p>Dur = 3.8s Dmag = 9.4 Sun: 146° Moon: 69°</p>	<p>2018 sep 23 9h46.3m A18_09082 362 Havnia HSOY 026330958 Diam = 66.1 m = 12.2 m = 14.3</p>  <p>Dur = 3.0s Dmag = 2.2 Sun: 80° Moon: 80°</p>	<p>2018 sep 23 10h50.5m A18_09068 253 Mathilde HSOY 096144531 Diam = 61.0 m = 12.4 m = 13.7</p>  <p>Dur = 5.5s Dmag = 1.6 Sun: 109° Moon: 52°</p>
<p>2018 sep 24 11h54.9m A18_09181 5258 1989AU1 HSOY 088460749 Diam = 41.7 m = 12.2 m = 18.0</p>  <p>Dur = 5.5s Dmag = 5.8 Sun: 99° Moon: 74°</p>	<p>2018 sep 24 13h 0.9m A18_09177 3794 Sthenelos HSOY 071459688 Diam = 43.7 m = 11.9 m = 17.5</p>  <p>Dur = 4.8s Dmag = 5.6 Sun: 98° Moon: 74°</p>	<p>2018 sep 25 8h39.7m A18_09150 795 Fini HSOY 056244260 Diam = 78.7 m = 11.7 m = 14.9</p>  <p>Dur = 3.8s Dmag = 3.3 Sun: 88° Moon: 93°</p>	<p>2018 sep 25 10h54.8m A18_09119 576 Emanuela PPMX 12676305 Diam = 86.0 m = 12.3 m = 14.3</p>  <p>Dur = 4.4s Dmag = 2.2 Sun: 88° Moon: 96°</p>
<p>2018 sep 26 13h 4.5m A18_09123 593 Titania PPMX 13682552 Diam = 78.2 m = 12.4 m = 15.4</p>  <p>Dur = 4.9s Dmag = 3.0 Sun: 85° Moon: 110°</p>	<p>2018 sep 27 9h42.3m B18_09005 119068 2001KC77 HSOY 066369087 Diam = 190.5 m = 14.4 m = 22.6</p>  <p>Dur = 22.6s Dmag = 8.2 Sun: 86° Moon: 120°</p>	<p>2018 sep 27 14h 3.5m A18_09047 198 Ampella TYC 5718-00250-1 Diam = 58.7 m = 9.8 m = 12.1</p>  <p>Dur = 4.3s Dmag = 2.4 Sun: 99° Moon: 111°</p>	<p>2018 sep 28 10h40.2m A18_09185 145452 2005RN43 TYC 0568-00817-1 Diam = 758.6 m = 9.8 m = 19.8</p>  <p>Dur = 32.7s Dmag = 10.0 Sun: 157° Moon: 62°</p>

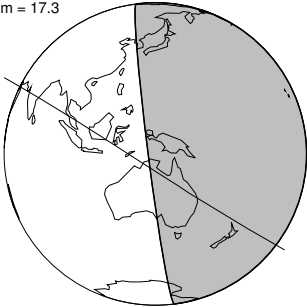
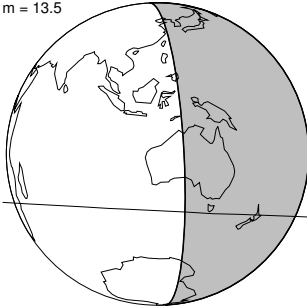
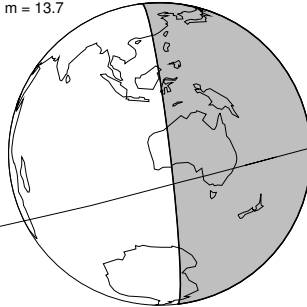
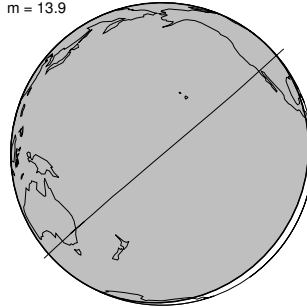
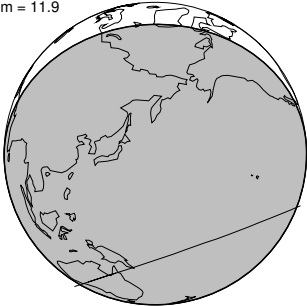
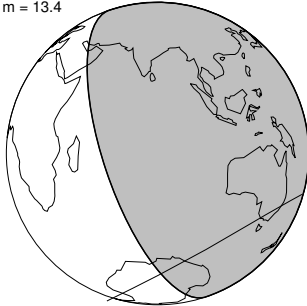
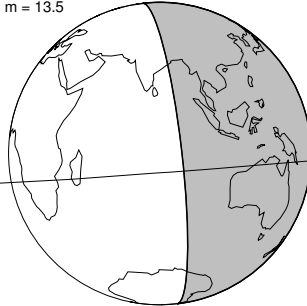
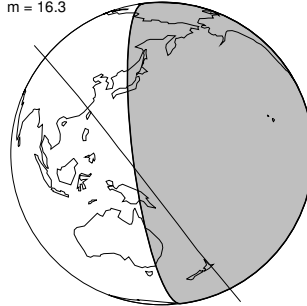
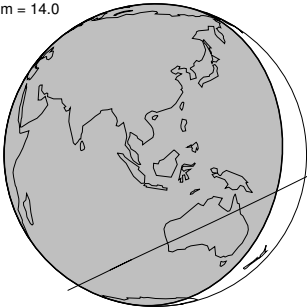
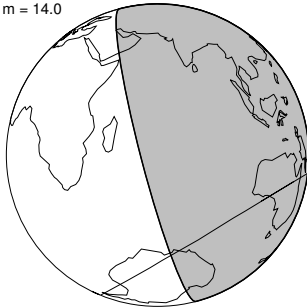
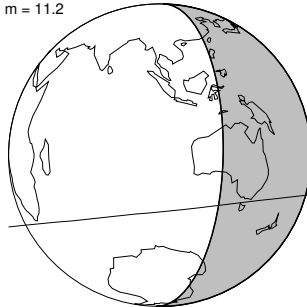
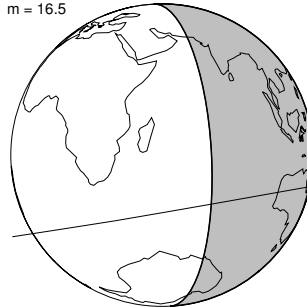
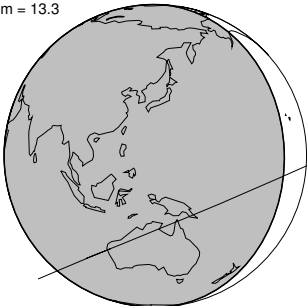
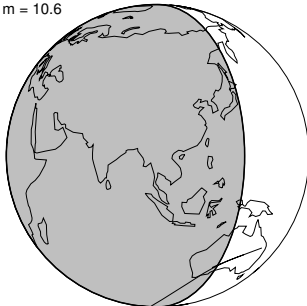
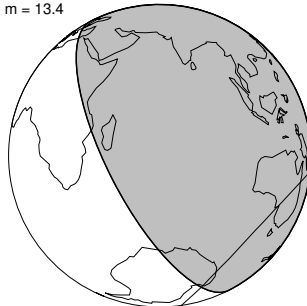

Occultations by major and minor planets – 2018

Region 8

<p>2018 sep 28 12h46.5m A18_09005 4 Vesta HSOY 078769694 Diam = 523.2 m = 11.6 m = 7.4</p>  <p>Dur = 25.6s Dmag = 0.0 Sun: 87° Moon: 132°</p>	<p>2018 sep 29 13h13.2m A18_09126 612 Veronika TYC 0644-00246-1 Diam = 40.5 m = 11.4 m = 15.4</p>  <p>Dur = 3.9s Dmag = 4.0 Sun: 140° Moon: 14°</p>	<p>2018 sep 29 14h 1.7m A18_09118 568 Cheruskia HSOY 470822745 Diam = 89.7 m = 11.8 m = 12.8</p>  <p>Dur = 9.5s Dmag = 1.4 Sun: 151° Moon: 47°</p>	<p>2018 sep 29 17h46.7m A18_09140 694 Ekard TYC 1762-01664-1 Diam = 92.7 m = 11.4</p>  <p>Dur = 15.1s Dmag = 1.9 Sun: 147° Moon: 33°</p>
<p>2018 sep 30 11h50.3m A18_09069 253 Mathilde HSOY 095884244 Diam = 61.0 m = 12.2 m = 13.8</p>  <p>Dur = 4.6s Dmag = 1.8 Sun: 104° Moon: 140°</p>	<p>2018 oct 2 13h42.2m A18_10003 4 Vesta HSOY 079230404 Diam = 523.2 m = 10.3 m = 7.5</p>  <p>Dur = 24.0s Dmag = 0.1 Sun: 85° Moon: 172°</p>	<p>2018 oct 2 17h44.4m A18_10142 1212 Francette HSOY 547626378 Diam = 90.7 m = 12.3 m = 15.7</p>  <p>Dur = 3.7s Dmag = 3.5 Sun: 74° Moon: 12°</p>	<p>2018 oct 3 13h53.6m A18_10059 256 Walpurga HSOY 468716430 Diam = 66.1 m = 12.3 m = 14.3</p>  <p>Dur = 4.7s Dmag = 2.1 Sun: 169° Moon: 96°</p>
<p>2018 oct 3 14h27.3m A18_10015 35 Leukothea TYC 1205-00478-1 Diam = 108.0 m = 11.8 m = 13.9</p>  <p>Dur = 7.3s Dmag = 2.3 Sun: 159° Moon: 86°</p>	<p>2018 oct 4 9h55.2m A18_10099 578 Happelia PPMX 12748986 Diam = 71.6 m = 11.9 m = 13.6</p>  <p>Dur = 3.7s Dmag = 1.9 Sun: 91° Moon: 155°</p>	<p>2018 oct 4 12h15.1m A18_10025 78 Diana HSOY 469113109 Diam = 116.0 m = 12.3 m = 11.8</p>  <p>Dur = 9.2s Dmag = 0.5 Sun: 170° Moon: 114°</p>	<p>2018 oct 7 6h57.2m A18_10013 29 Amphitrite HSOY 030025855 Diam = 219.0 m = 12.3 m = 11.2</p>  <p>Dur = 8.7s Dmag = 0.3 Sun: 73° Moon: 99°</p>
<p>2018 oct 7 11h56.4m A18_10143 1404 Ajax UCAC4-266-165548 Diam = 92.0 m = 12.2 m = 17.1</p>  <p>Dur = 4.7s Dmag = 4.9 Sun: 80° Moon: 103°</p>	<p>2018 oct 8 12h20.3m A18_10004 4 Vesta HSOY 081357738 Diam = 523.2 m = 12.1 m = 7.5</p>  <p>Dur = 22.1s Dmag = 0.0 Sun: 81° Moon: 90°</p>	<p>2018 oct 8 13h55.0m A18_10161 5123 1989BL HSOY 074432445 Diam = 43.7 m = 12.5 m = 18.1</p>  <p>Dur = 4.2s Dmag = 5.6 Sun: 92° Moon: 101°</p>	<p>2018 oct 9 9h37.0m A18_10130 866 Fatme HSOY 037696319 Diam = 91.7 m = 11.7 m = 15.2</p>  <p>Dur = 3.1s Dmag = 3.5 Sun: 63° Moon: 60°</p>

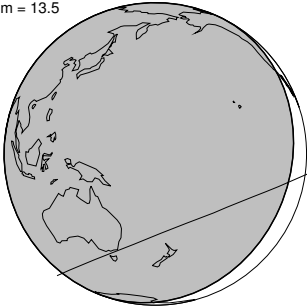
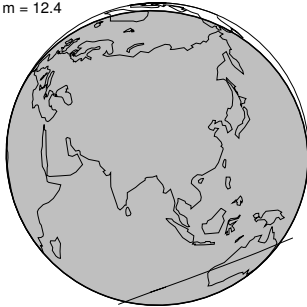
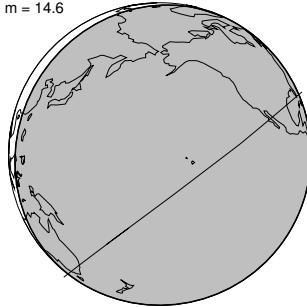
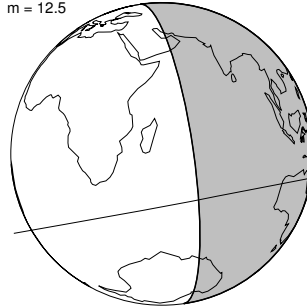
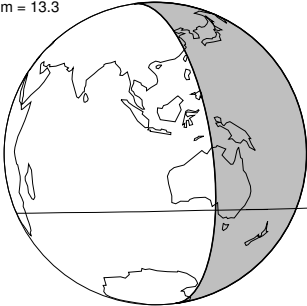
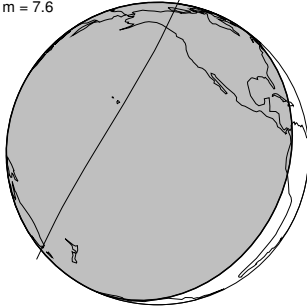
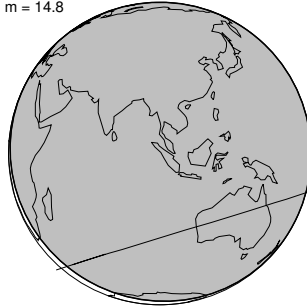
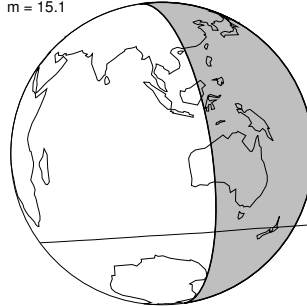
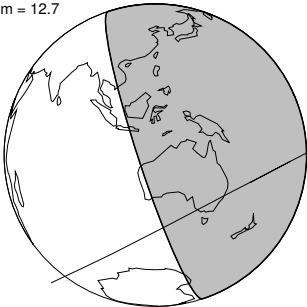
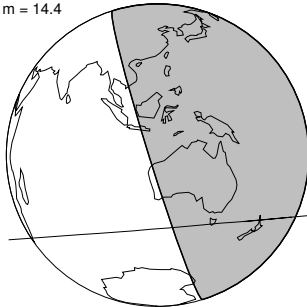
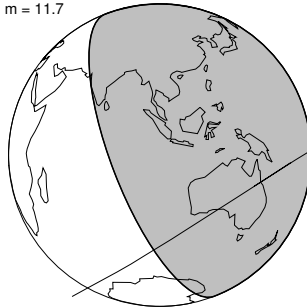
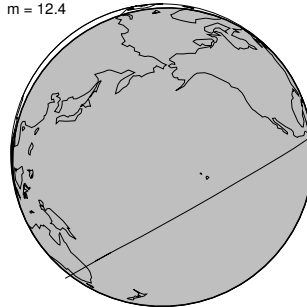
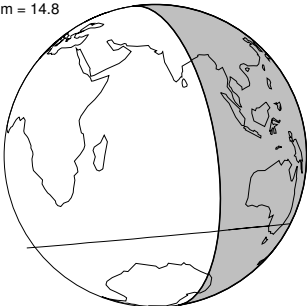
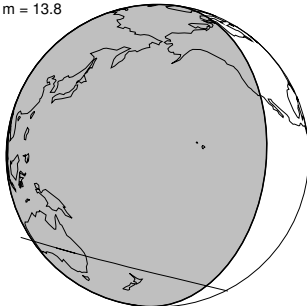
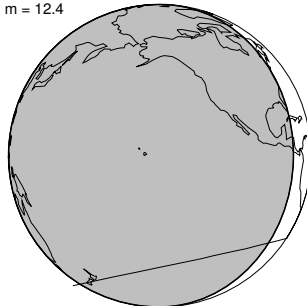
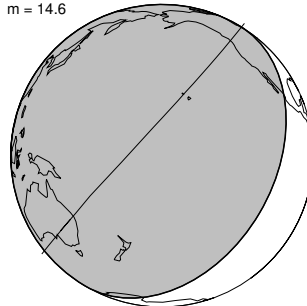
Occultations by major and minor planets – 2018

Region 8

<p>2018 oct 10 9h 2.2m A18_10157 4060 Deipyllos PPMX 10699593 Diam = 69.2 m = 12.0 m = 17.3</p>  <p>Dur = 5.4s Dmag = 5.3 Sun: 92° Moon: 76°</p>	<p>2018 oct 10 9h20.3m A18_10051 213 Lilaea UCAC4-335-166915 Diam = 84.6 m = 12.0 m = 13.5</p>  <p>Dur = 3.4s Dmag = 1.8 Sun: 79° Moon: 64°</p>	<p>2018 oct 13 9h51.5m A18_10100 578 Happelia HSOY 073859029 Diam = 71.6 m = 10.3 m = 13.7</p>  <p>Dur = 3.2s Dmag = 3.5 Sun: 86° Moon: 35°</p>	<p>2018 oct 13 11h44.6m A18_10105 601 Nerthus HSOY 454346630 Diam = 76.0 m = 11.6 m = 13.9</p>  <p>Dur = 5.8s Dmag = 2.5 Sun: 162° Moon: 135°</p>
<p>2018 oct 13 13h 6.9m A18_10114 654 Zelinda TYC 2799-00091-1 Diam = 132.0 m = 11.4 m = 11.9</p>  <p>Dur = 12.8s Dmag = 1.0 Sun: 148° Moon: 128°</p>	<p>2018 oct 13 14h 2.3m A18_10028 86 Semele HSOY 446861115 Diam = 127.0 m = 11.3 m = 13.4</p>  <p>Dur = 19.6s Dmag = 2.2 Sun: 110° Moon: 57°</p>	<p>2018 oct 15 11h50.3m A18_10120 675 Ludmilla HSOY 090729351 Diam = 109.1 m = 12.4 m = 13.5</p>  <p>Dur = 5.6s Dmag = 1.4 Sun: 81° Moon: 7°</p>	<p>2018 oct 16 8h12.5m A18_10145 1583 Antiochus HSOY 167889260 Diam = 109.0 m = 10.9 m = 16.3</p>  <p>Dur = 7.1s Dmag = 5.4 Sun: 101° Moon: 33°</p>
<p>2018 oct 17 18h38.6m A18_10093 527 Euryanthe HSOY 518852556 Diam = 55.2 m = 12.3 m = 14.0</p>  <p>Dur = 6.6s Dmag = 1.9 Sun: 146° Moon: 108°</p>	<p>2018 oct 18 14h10.4m A18_10031 118 Peitho TYC 6919-00801-1 Diam = 45.7 m = 11.3 m = 14.0</p>  <p>Dur = 3.5s Dmag = 2.8 Sun: 96° Moon: 15°</p>	<p>2018 oct 20 9h33.8m A18_10014 29 Amphitrite HSOY 067935580 Diam = 219.0 m = 11.1 m = 11.2</p>  <p>Dur = 7.4s Dmag = 0.8 Sun: 65° Moon: 64°</p>	<p>2018 oct 22 13h 7.7m A18_10115 659 Nestor HSOY 071718606 Diam = 115.0 m = 12.4 m = 16.5</p>  <p>Dur = 4.8s Dmag = 4.1 Sun: 70° Moon: 83°</p>
<p>2018 oct 22 16h56.4m A18_10032 125 Liberatrix HSOY 519449244 Diam = 47.5 m = 12.2 m = 13.3</p>  <p>Dur = 5.0s Dmag = 1.5 Sun: 148° Moon: 55°</p>	<p>2018 oct 22 20h50.5m A18_10016 40 Harmonia HSOY 525028851 Diam = 111.0 m = 10.4 m = 10.6</p>  <p>Dur = 121.7s Dmag = 0.9 Sun: 125° Moon: 77°</p>	<p>2018 oct 23 15h19.9m A18_10104 598 Octavia HSOY 447133575 Diam = 74.7 m = 11.2 m = 13.4</p>  <p>Dur = 8.2s Dmag = 2.3 Sun: 110° Moon: 56°</p>	<p>2018 oct 23 18h 4.9m A18_10165 2011UV410 TYC 1229-00777-1 Diam = 109.6 m = 11.9 m = 22.8</p>  <p>Dur = 4.8s Dmag = 11.0 Sun: 163° Moon: 29°</p>

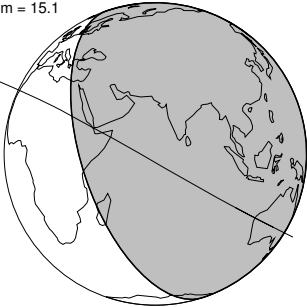
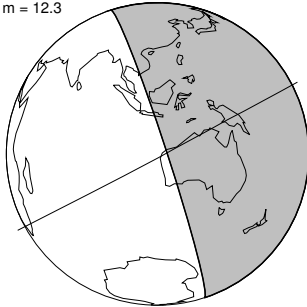

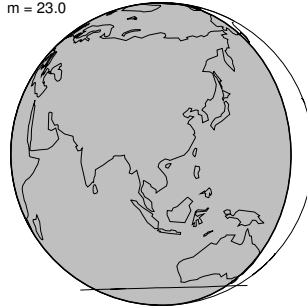
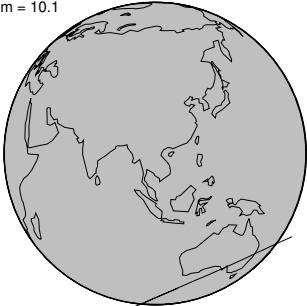
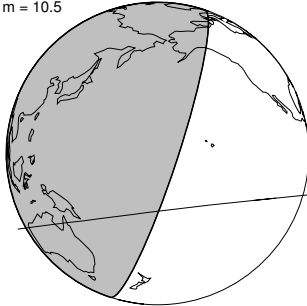
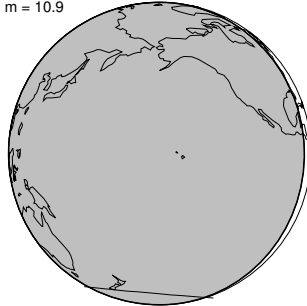
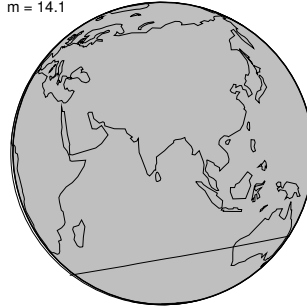
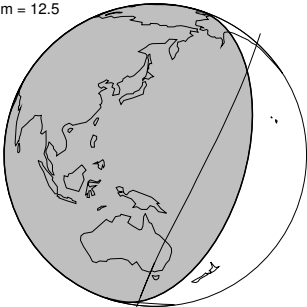
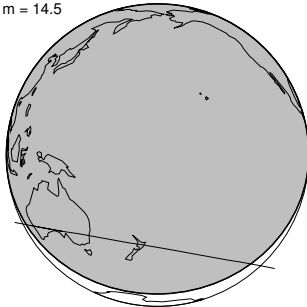
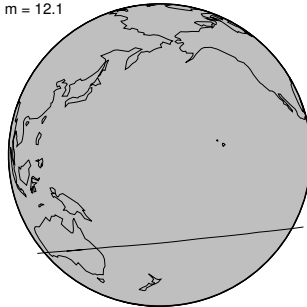
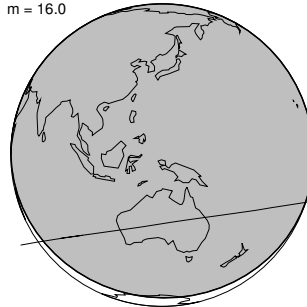
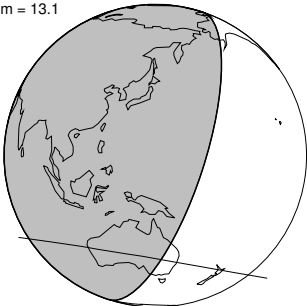
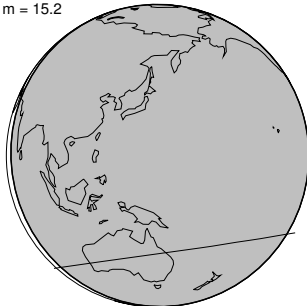
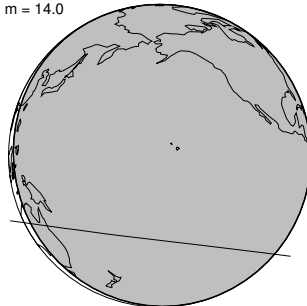
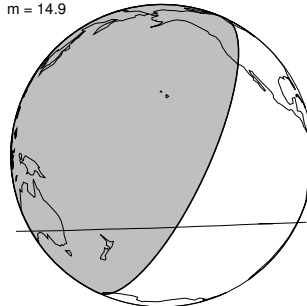
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Region 8

<p>2018 oct 24 14h 9.7m A18_10074 381 Myrrha TYC 0064–00224–1 Diam = 136.5 m = 12.1 m = 13.5</p>  <p>Dur = 10.5s Dmag = 1.6 Sun: 153° Moon: 24°</p>	<p>2018 oct 24 18h 0.7m A18_10083 476 Hedwig TYC 2310–00560–1 Diam = 121.0 m = 10.4 m = 12.4</p>  <p>Dur = 10.3s Dmag = 2.2 Sun: 160° Moon: 24°</p>	<p>2018 oct 26 9h50.9m A18_10144 1456 Saldanha TYC 1739–01436–1 Diam = 45.5 m = 10.4 m = 14.6</p>  <p>Dur = 4.8s Dmag = 4.2 Sun: 160° Moon: 38°</p>	<p>2018 oct 26 13h45.7m A18_10039 144 Vibia HSOY 075138597 Diam = 178.0 m = 11.6 m = 12.5</p>  <p>Dur = 7.3s Dmag = 1.3 Sun: 78° Moon: 125°</p>
<p>2018 oct 28 9h11.3m A18_10056 233 Asterope HSOY 090751076 Diam = 108.0 m = 12.4 m = 13.3</p>  <p>Dur = 3.6s Dmag = 1.3 Sun: 67° Moon: 159°</p>	<p>2018 oct 29 10h52.9m A18_10002 3 Juno TYC 4725–00589–1 Diam = 257.6 m = 10.4 m = 7.6</p>  <p>Dur = 37.1s Dmag = 0.1 Sun: 149° Moon: 41°</p>	<p>2018 oct 29 16h36.4m A18_10129 820 Adriana TYC 0029–00504–1 Diam = 61.0 m = 12.1 m = 14.8</p>  <p>Dur = 5.0s Dmag = 2.7 Sun: 165° Moon: 76°</p>	<p>2018 nov 2 9h54.5m A18_11119 1015 Christa TYC 6876–02096–1 Diam = 101.0 m = 12.1 m = 15.1</p>  <p>Dur = 4.0s Dmag = 3.1 Sun: 70° Moon: 138°</p>
<p>2018 nov 3 10h28.7m A18_11016 47 Aglaja HSOY 448411162 Diam = 137.0 m = 12.3 m = 12.7</p>  <p>Dur = 8.7s Dmag = 1.0 Sun: 96° Moon: 151°</p>	<p>2018 nov 4 10h28.5m A18_11106 676 Melitta HSOY 448340552 Diam = 82.6 m = 11.2 m = 14.4</p>  <p>Dur = 5.0s Dmag = 3.3 Sun: 93° Moon: 134°</p>	<p>2018 nov 4 12h31.7m A18_11008 37 Fides UCAC4–390–136976 Diam = 112.0 m = 12.3 m = 11.7</p>  <p>Dur = 14.9s Dmag = 0.5 Sun: 108° Moon: 149°</p>	<p>2018 nov 6 10h42.8m A18_11070 476 Hedwig TYC 1764–01389–1 Diam = 121.0 m = 10.6 m = 12.4</p>  <p>Dur = 9.8s Dmag = 2.0 Sun: 164° Moon: 156°</p>
<p>2018 nov 6 11h45.4m A18_11051 275 Sapientia TYC 6309–02514–1 Diam = 103.0 m = 11.2 m = 14.8</p>  <p>Dur = 3.6s Dmag = 3.6 Sun: 65° Moon: 81°</p>	<p>2018 nov 6 14h24.5m A18_11062 404 Arsinoë HSOY 524807154 Diam = 101.0 m = 11.9 m = 13.8</p>  <p>Dur = 15.2s Dmag = 2.1 Sun: 136° Moon: 123°</p>	<p>2018 nov 10 11h39.3m A18_11029 124 Alkeste TYC 1289–01764–1 Diam = 79.5 m = 11.7 m = 12.4</p>  <p>Dur = 7.9s Dmag = 1.1 Sun: 152° Moon: 174°</p>	<p>2018 nov 11 13h17.0m A18_11132 1628 Strobel HSOY 480151927 Diam = 59.1 m = 12.1 m = 14.6</p>  <p>Dur = 5.5s Dmag = 2.6 Sun: 138° Moon: 153°</p>

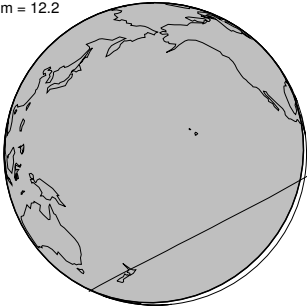
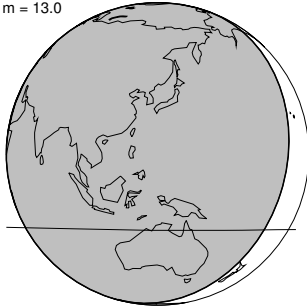
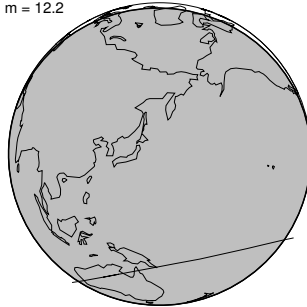
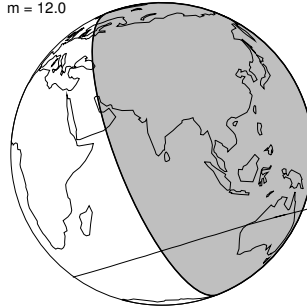
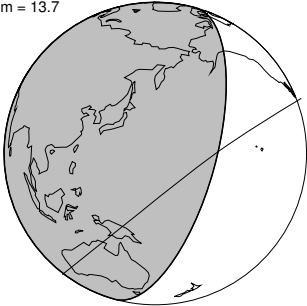
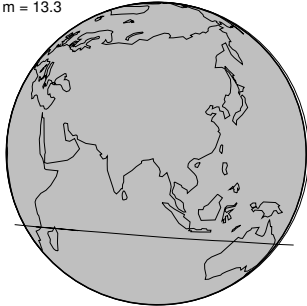
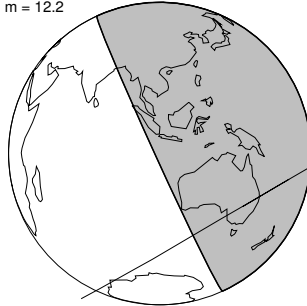
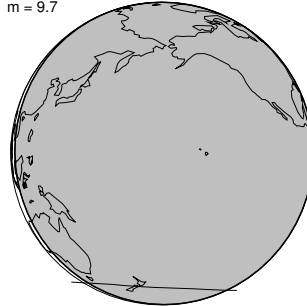
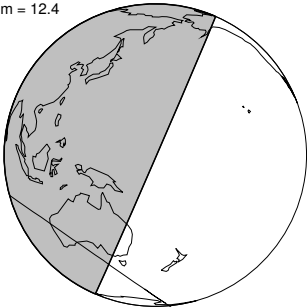
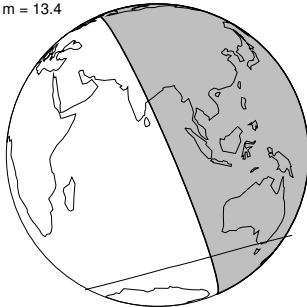
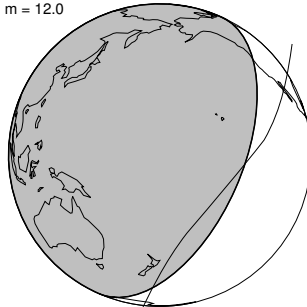
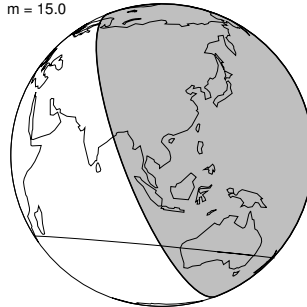
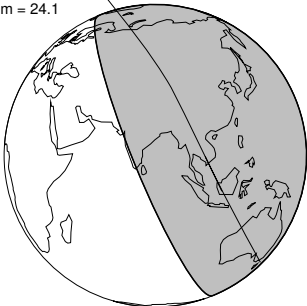
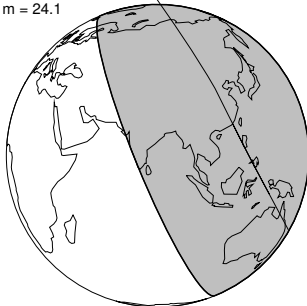
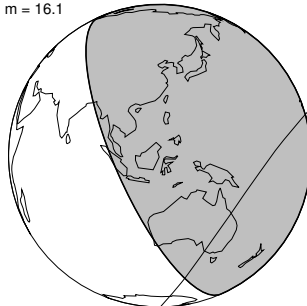
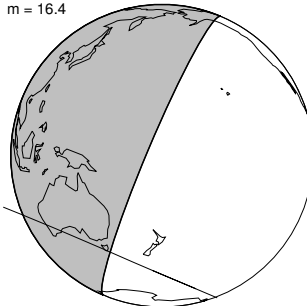
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<p>2018 nov 11 15h10.4m A18_11139 2393 Suzuki TYC 0579-00307-1 Diam = 50.8 m = 11.1 m = 15.1</p>  <p>Dur = 6.9s Dmag = 4.1 Sun: 119° Moon: 73°</p>	<p>2018 nov 13 10h30.0m A18_11044 196 Philomela HSOY 447020236 Diam = 146.0 m = 12.4 m = 12.3</p>  <p>Dur = 7.8s Dmag = 0.7 Sun: 86° Moon: 21°</p>	<p>2018 nov 16 16h40.5m A18_11052 293 Brasilia TYC 1234-00869-1 Diam = 58.0 m = 11.7 m = 13.7</p>  <p>Dur = 4.2s Dmag = 2.2 Sun: 176° Moon: 80°</p>	<p>2018 nov 17 18h50.2m B18_11004 183595 2003TG58 HSOY 526297557 Diam = 190.5 m = 13.7 m = 23.0</p>  <p>Dur = 9.0s Dmag = 9.3 Sun: 148° Moon: 98°</p>
<p>2018 nov 18 17h12.1m A18_11006 12 Victoria HSOY 519670447 Diam = 117.0 m = 12.1 m = 10.1</p>  <p>Dur = 9.4s Dmag = 0.2 Sun: 175° Moon: 60°</p>	<p>2018 nov 19 17h29.8m A18_11079 532 Herculina TYC 1406-00728-1 Diam = 216.5 m = 9.1 m = 10.5</p>  <p>Dur = 14.0s Dmag = 1.6 Sun: 97° Moon: 126°</p>	<p>2018 nov 20 11h57.6m A18_11031 128 Nemesis HSOY 523611231 Diam = 194.0 m = 12.0 m = 10.9</p>  <p>Dur = 19.6s Dmag = 0.4 Sun: 162° Moon: 52°</p>	<p>2018 nov 21 17h36.0m A18_11066 425 Cornelia HSOY 519237732 Diam = 66.8 m = 11.9 m = 14.1</p>  <p>Dur = 5.2s Dmag = 2.3 Sun: 169° Moon: 10°</p>
<p>2018 nov 22 17h39.9m A18_11023 95 Arethusa TYC 0772-01433-1 Diam = 145.0 m = 11.3 m = 12.5</p>  <p>Dur = 21.6s Dmag = 1.5 Sun: 126° Moon: 59°</p>	<p>2018 nov 25 11h33.2m A18_11128 1428 Mombasa TYC 4728-00055-1 Diam = 60.0 m = 10.3 m = 14.5</p>  <p>Dur = 5.2s Dmag = 4.3 Sun: 156° Moon: 39°</p>	<p>2018 nov 25 11h57.6m A18_11050 261 Prymno HSOY 519538220 Diam = 52.6 m = 12.5 m = 12.1</p>  <p>Dur = 4.8s Dmag = 0.6 Sun: 176° Moon: 30°</p>	<p>2018 nov 25 14h42.9m A18_11140 2731 Cucula HSOY 518819760 Diam = 51.1 m = 12.2 m = 16.0</p>  <p>Dur = 3.4s Dmag = 3.7 Sun: 160° Moon: 41°</p>
<p>2018 nov 27 19h13.7m A18_11039 159 Aemilia HSOY 579010033 Diam = 131.0 m = 11.6 m = 13.1</p>  <p>Dur = 17.5s Dmag = 1.8 Sun: 108° Moon: 11°</p>	<p>2018 nov 29 13h 0.7m A18_11138 2376 Martynov HSOY 519289368 Diam = 40.6 m = 11.6 m = 15.2</p>  <p>Dur = 3.6s Dmag = 3.6 Sun: 165° Moon: 99°</p>	<p>2018 nov 30 9h36.6m A18_11053 293 Brasilia TYC 1237-00322-1 Diam = 58.0 m = 9.8 m = 14.0</p>  <p>Dur = 4.4s Dmag = 4.2 Sun: 164° Moon: 111°</p>	<p>2018 dec 5 14h56.2m A18_12154 1585 Union TYC 4885-01431-1 Diam = 52.1 m = 9.8 m = 14.9</p>  <p>Dur = 10.2s Dmag = 5.1 Sun: 107° Moon: 91°</p>

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<p>2018 dec 6 12h 9.7m A18_12127 714 Ulula HSOY 522575353 Diam = 41.0 m = 11.8 m = 12.2</p>  <p>Dur = 3.5s Sun: 164° Dmag = 1.0 Moon: 158°</p>	<p>2018 dec 6 17h15.4m A18_12022 58 Concordia HSOY 546983535 Diam = 97.7 m = 9.6 m = 13.0</p>  <p>Dur = 11.7s Sun: 148° Dmag = 3.4 Moon: 143°</p>	<p>2018 dec 10 13h56.1m A18_12034 84 Klio TYC 2896-01900-1 Diam = 83.0 m = 11.4 m = 12.2</p>  <p>Dur = 7.5s Sun: 164° Dmag = 1.3 Moon: 144°</p>	<p>2018 dec 13 13h39.7m A18_12025 63 Ausonia UCAC4-494-000520 Diam = 108.0 m = 12.2 m = 12.0</p>  <p>Dur = 12.2s Sun: 107° Dmag = 0.7 Moon: 39°</p>
<p>2018 dec 15 18h27.1m A18_12052 186 Celuta HSOY 580998946 Diam = 52.3 m = 12.4 m = 13.7</p>  <p>Dur = 10.8s Sun: 113° Dmag = 1.6 Moon: 151°</p>	<p>2018 dec 15 18h27.6m A18_12037 90 Antiope TYC 1882-01065-1 Diam = 125.0 m = 10.8 m = 13.3</p>  <p>Dur = 8.4s Sun: 169° Dmag = 2.6 Moon: 98°</p>	<p>2018 dec 18 11h24.2m A18_12049 173 Ino HSOY 453228014 Diam = 159.0 m = 11.4 m = 12.2</p>  <p>Dur = 8.5s Sun: 91° Dmag = 1.2 Moon: 33°</p>	<p>2018 dec 19 10h33.9m A18_12018 40 Harmonia HSOY 523546382 Diam = 111.0 m = 10.6 m = 9.7</p>  <p>Dur = 11.6s Sun: 166° Dmag = 0.4 Moon: 30°</p>
<p>2018 dec 19 19h 8.3m A18_12080 385 Ilmatar HSOY 579783521 Diam = 94.1 m = 12.0 m = 12.4</p>  <p>Dur = 5.3s Sun: 90° Dmag = 1.0 Moon: 129°</p>	<p>2018 dec 20 12h 4.2m A18_12058 238 Hypatia TYC 5257-00949-1 Diam = 156.0 m = 10.5 m = 13.4</p>  <p>Dur = 7.7s Sun: 84° Dmag = 3.0 Moon: 65°</p>	<p>2018 dec 21 15h50.7m A18_12020 48 Doris HSOY 578881876 Diam = 219.0 m = 10.6 m = 12.0</p>  <p>Dur = 184.0s Sun: 123° Dmag = 1.6 Moon: 71°</p>	<p>2018 dec 22 11h38.9m A18_12078 382 Dodona HSOY 468668503 Diam = 60.0 m = 11.0 m = 15.0</p>  <p>Dur = 8.9s Sun: 105° Dmag = 4.0 Moon: 72°</p>
<p>2018 dec 23 12h32.7m A18_12164 2003QX91 HSOY 468574170 Diam = 87.1 m = 12.5 m = 24.1</p>  <p>Dur = 30.4s Sun: 98° Dmag = 11.6 Moon: 92°</p>	<p>2018 dec 23 12h36.4m B18_12008 2003QX91 UCAC4-516-000614 Diam = 87.1 m = 12.7 m = 24.1</p>  <p>Dur = 30.4s Sun: 98° Dmag = 11.4 Moon: 92°</p>	<p>2018 dec 29 11h21.4m A18_12130 744 Aguntina UCAC4-459-002210 Diam = 62.0 m = 10.4 m = 16.1</p>  <p>Dur = 9.9s Sun: 107° Dmag = 5.7 Moon: 163°</p>	<p>2018 dec 29 18h30.4m A18_12086 468 Lina TYC 4955-00823-1 Diam = 71.7 m = 9.2 m = 16.4</p>  <p>Dur = 4.4s Sun: 84° Dmag = 7.2 Moon: 5°</p>

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