

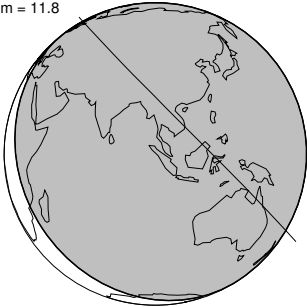
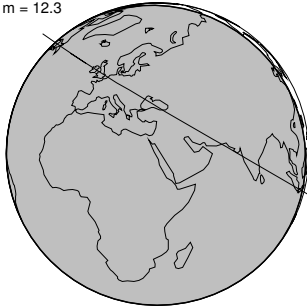
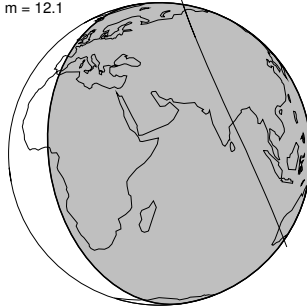
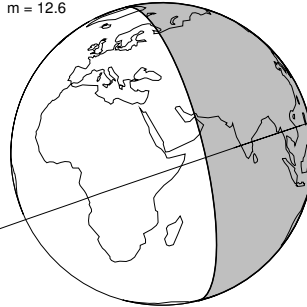
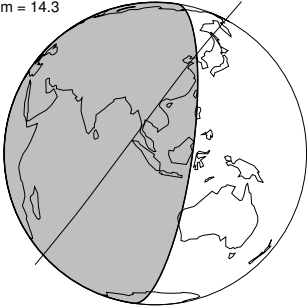
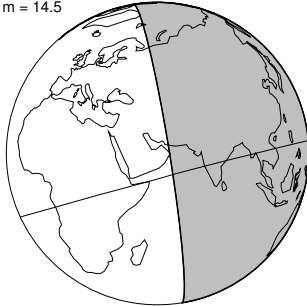
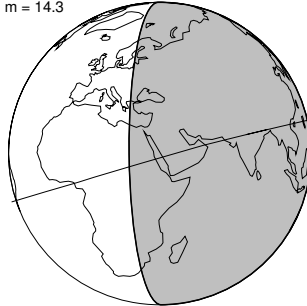
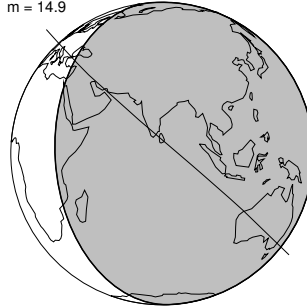
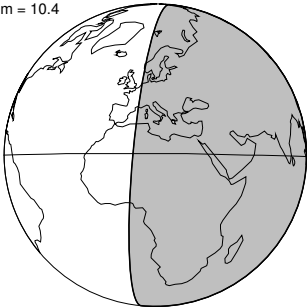
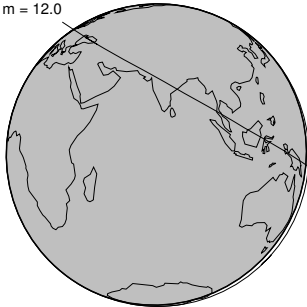
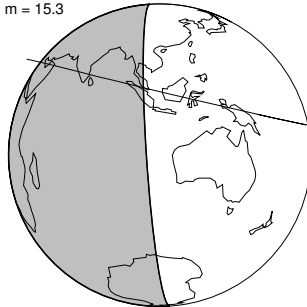
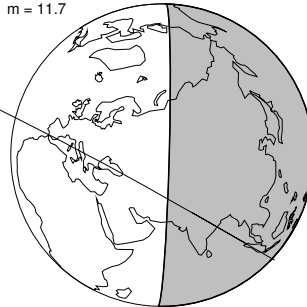
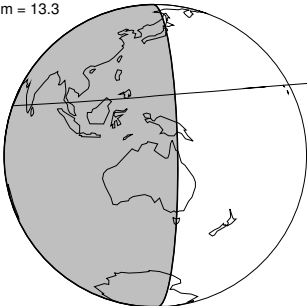
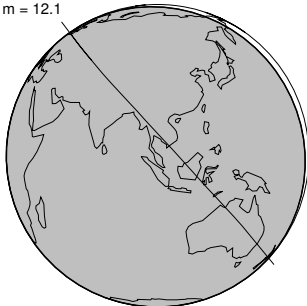
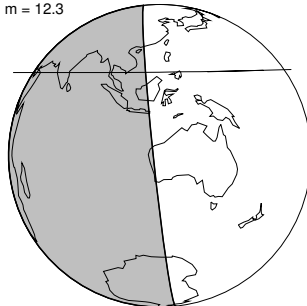
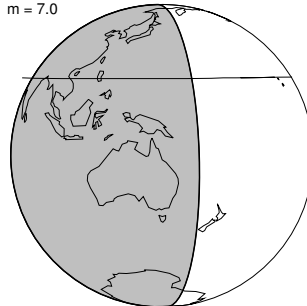
# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 jan 1 18h40.9m</b> A18_01025 114 Kassandra HSOY 543888635 Diam = 103.0 m = 12.4 m = 11.4</p> <p>Dur = 9.7s Dmag = 0.4 Sun: 170° Moon: 4°</p>	<p><b>2018 jan 1 21h28.8m</b> A18_01147 2006QJ181 TYC 1301-01839-1 Diam = 208.9 m = 11.4 m = 21.7</p> <p>Dur = 9.1s Dmag = 10.2 Sun: 162° Moon: 14°</p>	<p><b>2018 jan 1 23h20.2m</b> A18_01125 1243 Pamela HSOY 565373734 Diam = 75.5 m = 12.5 m = 14.9</p> <p>Dur = 7.6s Dmag = 2.5 Sun: 139° Moon: 41°</p>	<p><b>2018 jan 2 21h29.3m</b> A18_01076 468 Lina HSOY 579154524 Diam = 71.7 m = 11.5 m = 15.4</p> <p>Dur = 8.1s Dmag = 4.0 Sun: 138° Moon: 30°</p>
<p><b>2018 jan 3 14h 6.2m</b> A18_01010 17 Thetis HSOY 523225963 Diam = 93.2 m = 11.2 m = 12.0</p> <p>Dur = 9.0s Dmag = 1.2 Sun: 150° Moon: 51°</p>	<p><b>2018 jan 3 16h11.1m</b> B18_01009 2010XE91 HSOY 522103976 Diam = 208.9 m = 12.7 m = 22.5</p> <p>Dur = 8.8s Dmag = 9.7 Sun: 156° Moon: 42°</p>	<p><b>2018 jan 6 17h 0.5m</b> A18_01081 535 Montague TYC 1258-00258-1 Diam = 77.0 m = 10.8 m = 13.6</p> <p>Dur = 16.4s Dmag = 2.9 Sun: 135° Moon: 107°</p>	<p><b>2018 jan 7 16h21.5m</b> A18_01058 359 Georgia HSOY 529167651 Diam = 47.0 m = 10.8 m = 13.2</p> <p>Dur = 7.9s Dmag = 2.5 Sun: 140° Moon: 113°</p>
<p><b>2018 jan 8 18h52.3m</b> A18_01004 8 Flora PPMX 6055527 Diam = 141.0 m = 12.2 m = 8.4</p> <p>Dur = 16.1s Dmag = 0.0 Sun: 172° Moon: 96°</p>	<p><b>2018 jan 11 20h14.0m</b> 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><b>2018 jan 12 19h55.2m</b> A18_01040 191 Kolga PPMX 7076977 Diam = 105.0 m = 12.1 m = 13.1</p> <p>Dur = 8.2s Dmag = 1.4 Sun: 165° Moon: 138°</p>	<p><b>2018 jan 13 15h33.6m</b> A18_01089 696 Leonora UCAC4-584-036592 Diam = 79.3 m = 11.9 m = 12.6</p> <p>Dur = 6.6s Dmag = 1.2 Sun: 170° Moon: 150°</p>
<p><b>2018 jan 15 22h40.3m</b> A18_01140 2453 Wabash TYC 1968-00445-1 Diam = 45.7 m = 11.0 m = 16.3</p> <p>Dur = 4.1s Dmag = 5.3 Sun: 148° Moon: 136°</p>	<p><b>2018 jan 16 13h29.3m</b> B18_01004 183595 2003TG58 HSOY 526254642 Diam = 190.5 m = 14.7 m = 23.0</p> <p>Dur = 9.0s Dmag = 8.3 Sun: 147° Moon: 154°</p>	<p><b>2018 jan 19 0h 0.0m</b> A18_01092 754 Malabar TYC 4983-01250-1 Diam = 89.1 m = 9.6 m = 14.8</p> <p>Dur = 4.2s Dmag = 5.2 Sun: 83° Moon: 104°</p>	<p><b>2018 jan 25 15h19.5m</b> A18_01097 779 Nina TYC 1877-00278-1 Diam = 72.0 m = 10.7 m = 12.9</p> <p>Dur = 6.9s Dmag = 2.4 Sun: 146° Moon: 48°</p>

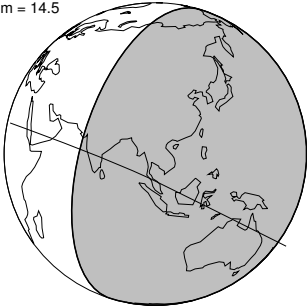
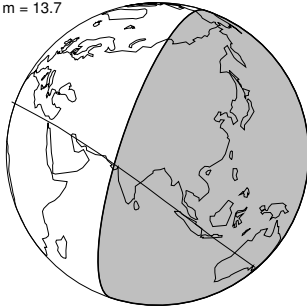
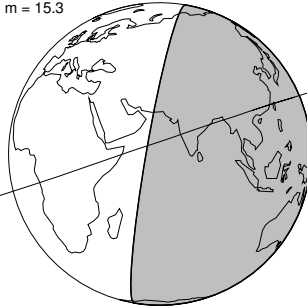
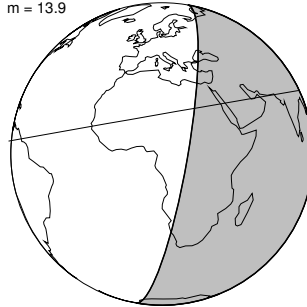
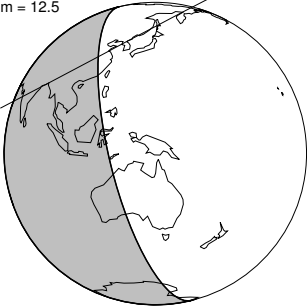
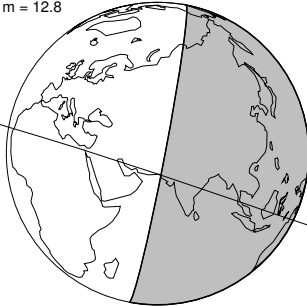
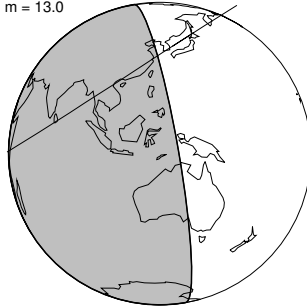
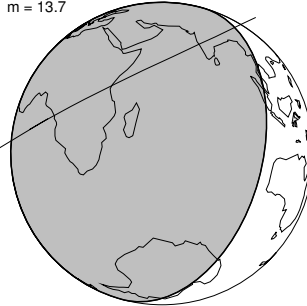
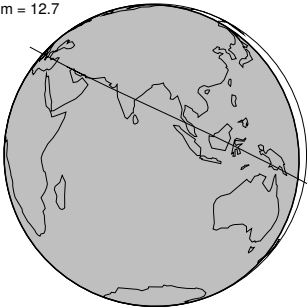
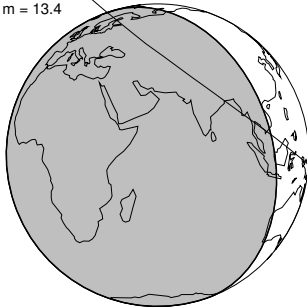
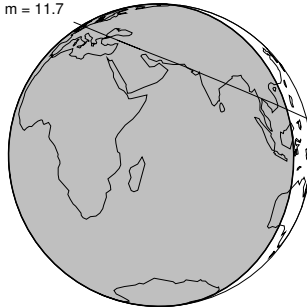
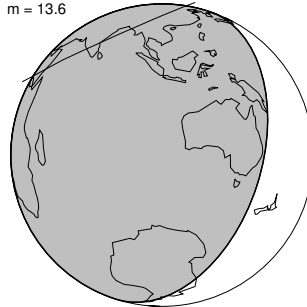
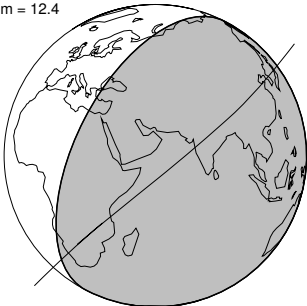
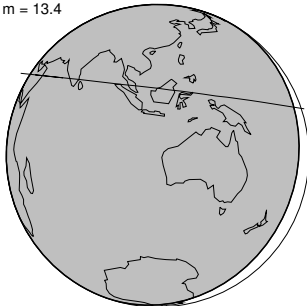
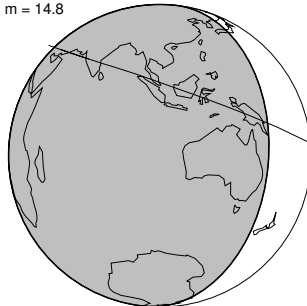
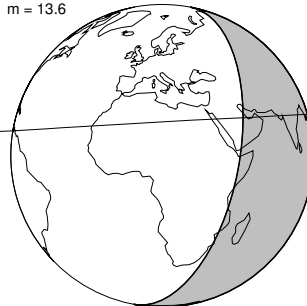
# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 feb 3 16h11.7m</b> A18_02039 185 Eunike HSOY 541819757 Diam = 165.0 m = 12.0 m = 11.8</p>  <p>Dur = 11.3s Dmag = 0.7 Sun: 153° Moon: 64°</p>	<p><b>2018 feb 13 22h36.2m</b> A18_02073 521 Brixia TYC 1977-01111-1 Diam = 103.0 m = 12.3 m = 12.3</p>  <p>Dur = 8.0s Dmag = 0.7 Sun: 164° Moon: 148°</p>	<p><b>2018 feb 21 17h54.7m</b> 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><b>2018 feb 23 14h 9.0m</b> A18_02019 48 Doris HIP 14764 Diam = 219.0 m = 12.6 m = 12.6</p>  <p>Dur = 8.7s Dmag = 6.6 Sun: 73° Moon: 19°</p>
<p><b>2018 feb 27 22h19.7m</b> A18_02085 747 Winchester TYC 0352-00749-1 Diam = 178.0 m = 11.0 m = 14.3</p>  <p>Dur = 18.1s Dmag = 3.3 Sun: 104° Moon: 103°</p>	<p><b>2018 mar 3 14h 3.6m</b> A18_03089 535 Montague HSOY 523431398 Diam = 77.0 m = 11.7 m = 14.5</p>  <p>Dur = 4.0s Dmag = 2.9 Sun: 85° Moon: 115°</p>	<p><b>2018 mar 8 16h15.9m</b> A18_03061 334 Chicago HSOY 526135474 Diam = 170.0 m = 10.1 m = 14.3</p>  <p>Dur = 21.2s Dmag = 4.2 Sun: 101° Moon: 159°</p>	<p><b>2018 mar 10 15h46.6m</b> A18_03144 1243 Pamela TYC 0200-01480-1 Diam = 75.5 m = 11.1 m = 14.9</p>  <p>Dur = 9.7s Dmag = 3.9 Sun: 134° Moon: 143°</p>
<p><b>2018 mar 23 17h52.4m</b> A18_03006 8 Flora HSOY 546829576 Diam = 141.0 m = 11.8 m = 10.4</p>  <p>Dur = 9.7s Dmag = 0.3 Sun: 98° Moon: 21°</p>	<p><b>2018 mar 23 19h47.0m</b> A18_03026 72 Feronia TYC 5535-00796-1 Diam = 89.3 m = 10.9 m = 12.0</p>  <p>Dur = 8.5s Dmag = 1.4 Sun: 167° Moon: 113°</p>	<p><b>2018 mar 23 23h18.3m</b> A18_03102 593 Titania HSOY 082072689 Diam = 78.2 m = 9.7 m = 15.3</p>  <p>Dur = 4.6s Dmag = 5.6 Sun: 84° Moon: 165°</p>	<p><b>2018 mar 28 13h53.3m</b> A18_03016 31 Euphrosyne HSOY 443035950 Diam = 248.0 m = 10.8 m = 11.7</p>  <p>Dur = 11.0s Dmag = 1.3 Sun: 87° Moon: 59°</p>
<p><b>2018 mar 28 20h29.5m</b> A18_03046 213 Lilaea UCAC4-367-110863 Diam = 84.6 m = 11.9 m = 13.3</p>  <p>Dur = 5.6s Dmag = 1.6 Sun: 98° Moon: 116°</p>	<p><b>2018 mar 31 18h 8.3m</b> 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><b>2018 mar 31 22h30.2m</b> A18_03015 26 Proserpina HSOY 091327716 Diam = 98.7 m = 12.1 m = 12.3</p>  <p>Dur = 5.0s Dmag = 0.9 Sun: 87° Moon: 87°</p>	<p><b>2018 apr 4 19h25.2m</b> A18_04001 4 Vesta HSOY 085109980 Diam = 523.2 m = 11.8 m = 7.0</p>  <p>Dur = 43.6s Dmag = 0.0 Sun: 104° Moon: 24°</p>

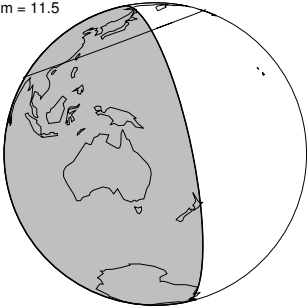
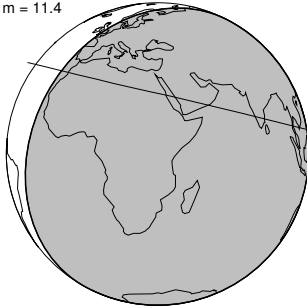
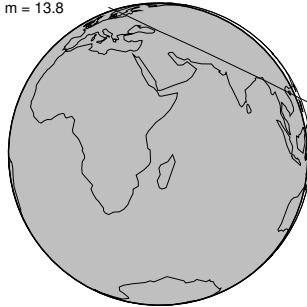
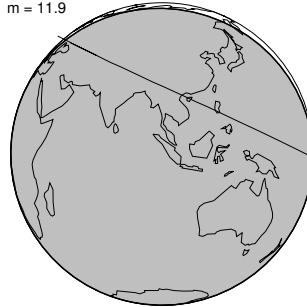
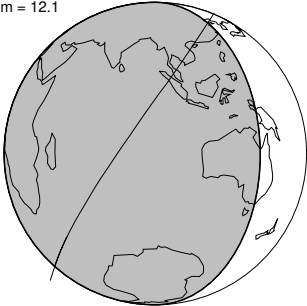
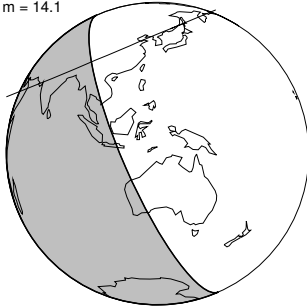
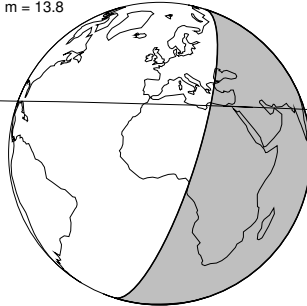
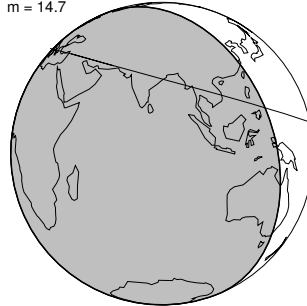
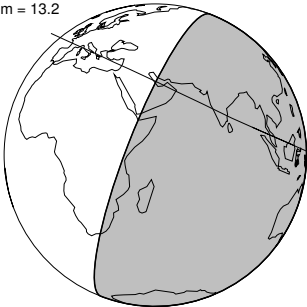
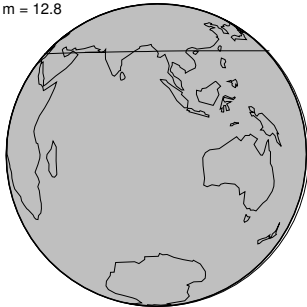
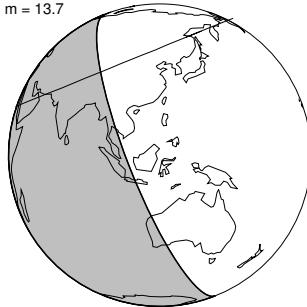
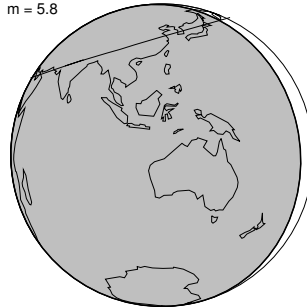
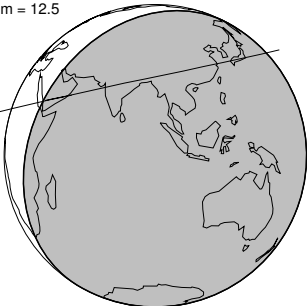
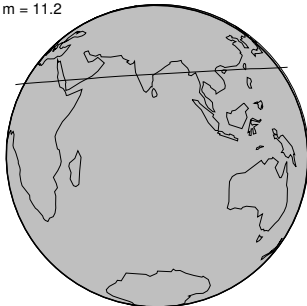
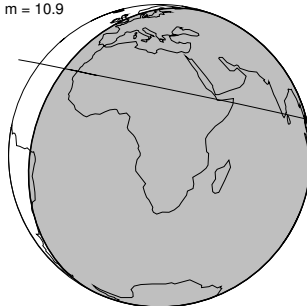
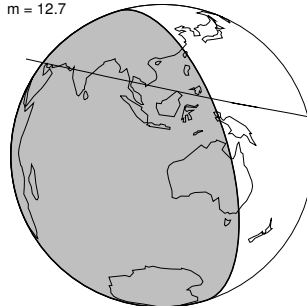
# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 apr 5 13h29.0m</b> 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><b>2018 apr 11 13h32.3m</b> 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><b>2018 apr 12 14h 7.0m</b> A18_04113 1469 Linzia TYC 0779-00137-1 Diam = 60.2 m = 10.5 m = 15.3</p>  <p>Dur = 4.1s Dmag = 4.9 Sun: 95° Moon: 136°</p>	<p><b>2018 apr 16 16h35.5m</b> A18_04084 631 Philippina TYC 0166-02196-1 Diam = 75.9 m = 9.7 m = 13.9</p>  <p>Dur = 3.3s Dmag = 4.2 Sun: 80° Moon: 71°</p>
<p><b>2018 apr 16 21h54.0m</b> A18_04068 409 Aspasia TYC 5770-00918-1 Diam = 168.0 m = 11.3 m = 12.5</p>  <p>Dur = 6.1s Dmag = 1.5 Sun: 72° Moon: 84°</p>	<p><b>2018 apr 17 13h50.8m</b> A18_04037 145 Adeona HSOY 556106128 Diam = 155.0 m = 12.5 m = 12.8</p>  <p>Dur = 7.7s Dmag = 0.9 Sun: 87° Moon: 69°</p>	<p><b>2018 apr 17 21h17.2m</b> A18_04030 137 Meliboea HSOY 108004336 Diam = 150.0 m = 11.8 m = 13.0</p>  <p>Dur = 8.5s Dmag = 1.5 Sun: 97° Moon: 121°</p>	<p><b>2018 apr 17 23h12.0m</b> A18_04061 356 Liguria HSOY 019764770 Diam = 135.0 m = 12.0 m = 13.7</p>  <p>Dur = 18.8s Dmag = 1.9 Sun: 131° Moon: 152°</p>
<p><b>2018 apr 19 19h19.6m</b> A18_04076 442 Eichsfeldia TYC 5012-00259-1 Diam = 67.5 m = 9.5 m = 12.7</p>  <p>Dur = 8.6s Dmag = 3.3 Sun: 160° Moon: 146°</p>	<p><b>2018 apr 19 22h39.9m</b> A18_04078 472 Roma HSOY 122193065 Diam = 47.6 m = 12.5 m = 13.4</p>  <p>Dur = 5.6s Dmag = 1.3 Sun: 139° Moon: 156°</p>	<p><b>2018 apr 21 22h 7.3m</b> A18_04024 103 Hera HSOY 032871074 Diam = 95.2 m = 12.2 m = 11.7</p>  <p>Dur = 11.3s Dmag = 0.5 Sun: 152° Moon: 129°</p>	<p><b>2018 apr 23 20h 5.8m</b> A18_04095 762 Pulcova HSOY 015265309 Diam = 142.0 m = 11.5 m = 13.6</p>  <p>Dur = 26.6s Dmag = 2.3 Sun: 131° Moon: 124°</p>
<p><b>2018 apr 24 16h47.7m</b> A18_04019 68 Leto HSOY 580069793 Diam = 127.0 m = 12.4 m = 12.4</p>  <p>Dur = 27.9s Dmag = 0.8 Sun: 121° Moon: 11°</p>	<p><b>2018 apr 25 17h56.3m</b> A18_04047 203 Pompeja TYC 6764-00370-1 Diam = 120.0 m = 10.7 m = 13.4</p>  <p>Dur = 11.5s Dmag = 2.8 Sun: 157° Moon: 76°</p>	<p><b>2018 may 1 20h 5.0m</b> A18_05118 792 Metcalfia HSOY 029884797 Diam = 63.5 m = 11.6 m = 14.8</p>  <p>Dur = 12.4s Dmag = 3.2 Sun: 135° Moon: 24°</p>	<p><b>2018 may 2 15h 8.8m</b> A18_05027 85 lo UCAC4-513-030008 Diam = 178.0 m = 11.5 m = 13.6</p>  <p>Dur = 5.8s Dmag = 2.3 Sun: 59° Moon: 151°</p>

# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 may 3 18h58.5m</b> A18_05030 88 Thisbe HIP 98875 Diam = 232.0 m = 9.3 m = 11.5</p>  <p>Dur = 18.2s Dmag = 2.4 Sun: 104° Moon: 33°</p>	<p><b>2018 may 8 19h39.8m</b> A18_05016 21 Lutetia HSOY 57666087 Diam = 99.5 m = 11.7 m = 11.4</p>  <p>Dur = 11.9s Dmag = 0.6 Sun: 146° Moon: 131°</p>	<p><b>2018 may 8 21h49.3m</b> A18_05062 252 Clementina TYC 5618-00689-1 Diam = 72.1 m = 13.8</p>  <p>Dur = 5.4s Dmag = 4.7 Sun: 166° Moon: 89°</p>	<p><b>2018 may 10 17h39.5m</b> A18_05070 313 Chaldaea TYC 5007-00295-1 Diam = 101.0 m = 11.0 m = 11.9</p>  <p>Dur = 9.5s Dmag = 1.3 Sun: 163° Moon: 119°</p>
<p><b>2018 may 15 21h 0.1m</b> A18_05088 423 Diotima HSOY 071526112 Diam = 217.0 m = 12.2 m = 12.1</p>  <p>Dur = 37.6s Dmag = 0.7 Sun: 133° Moon: 138°</p>	<p><b>2018 may 19 22h41.6m</b> A18_05052 209 Dido TYC 5823-01179-1 Diam = 149.0 m = 10.9 m = 14.1</p>  <p>Dur = 6.5s Dmag = 3.3 Sun: 76° Moon: 137°</p>	<p><b>2018 may 20 17h20.8m</b> A18_05048 194 Prokne PPMX 7180806 Diam = 174.0 m = 12.4 m = 13.8</p>  <p>Dur = 8.5s Dmag = 1.6 Sun: 75° Moon: 5°</p>	<p><b>2018 may 26 21h 3.9m</b> A18_05102 592 Bathseba TYC 5710-00229-1 Diam = 57.5 m = 11.3 m = 14.7</p>  <p>Dur = 7.5s Dmag = 3.5 Sun: 138° Moon: 71°</p>
<p><b>2018 may 27 15h17.0m</b> A18_05082 375 Ursula HSOY 567350343 Diam = 216.0 m = 11.7 m = 13.2</p>  <p>Dur = 27.1s Dmag = 1.8 Sun: 101° Moon: 58°</p>	<p><b>2018 may 28 18h24.5m</b> A18_05058 245 Vera HSOY 037168641 Diam = 84.8 m = 7.7 m = 12.8</p>  <p>Dur = 6.0s Dmag = 5.1 Sun: 169° Moon: 21°</p>	<p><b>2018 may 28 22h50.0m</b> A18_05056 238 Hypatia HSOY 457765777 Diam = 156.0 m = 11.9 m = 13.7</p>  <p>Dur = 6.6s Dmag = 1.9 Sun: 77° Moon: 109°</p>	<p><b>2018 may 30 17h43.1m</b> A18_05005 4 Vesta HSOY 085192329 Diam = 523.2 m = 12.1 m = 5.8</p>  <p>Dur = 81.2s Dmag = 0.0 Sun: 155° Moon: 11°</p>
<p><b>2018 jun 4 15h36.9m</b> A18_06090 579 Sidonia HSOY 578256951 Diam = 89.6 m = 12.1 m = 12.5</p>  <p>Dur = 9.8s Dmag = 0.9 Sun: 145° Moon: 100°</p>	<p><b>2018 jun 6 18h58.4m</b> A18_06023 113 Amalthea UCAC4-367-086850 Diam = 47.6 m = 11.4 m = 11.2</p>  <p>Dur = 5.3s Dmag = 0.7 Sun: 171° Moon: 85°</p>	<p><b>2018 jun 7 20h22.5m</b> A18_06009 16 Psyche TYC 5586-00262-1 Diam = 264.0 m = 11.9 m = 10.9</p>  <p>Dur = 27.3s Dmag = 0.3 Sun: 147° Moon: 135°</p>	<p><b>2018 jun 7 21h 9.5m</b> A18_06083 498 Tokio HIP 106868 Diam = 84.8 m = 8.4 m = 12.7</p>  <p>Dur = 9.0s Dmag = 4.3 Sun: 115° Moon: 39°</p>

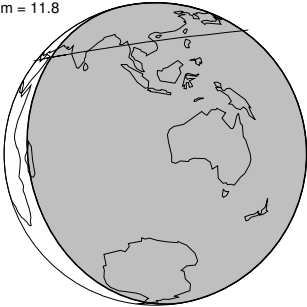
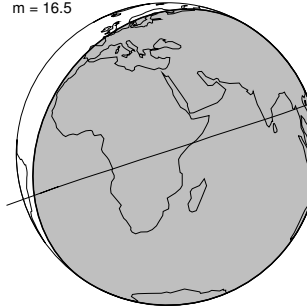
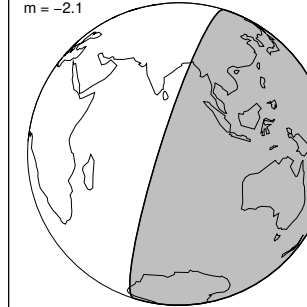
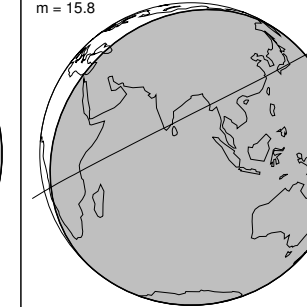
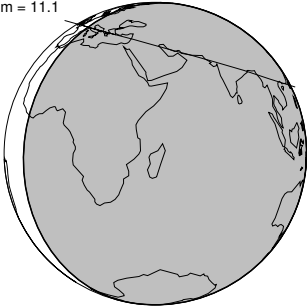
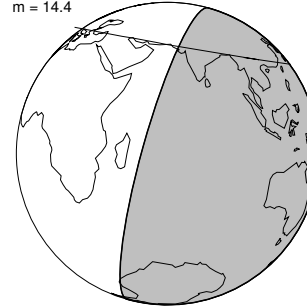
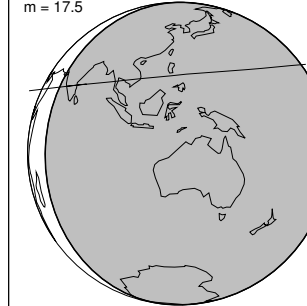
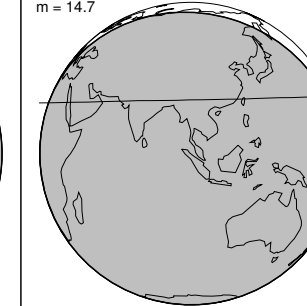
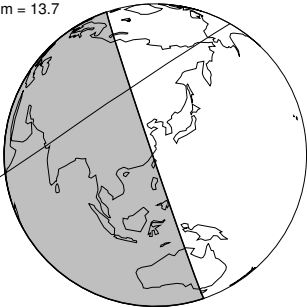
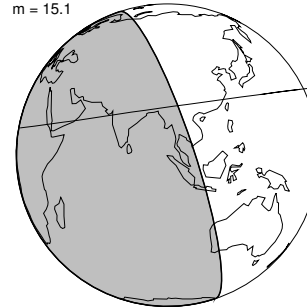
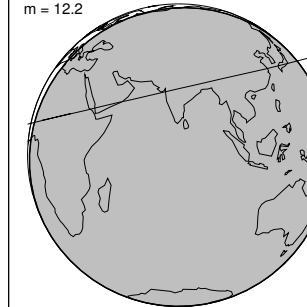
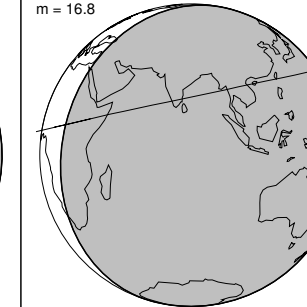
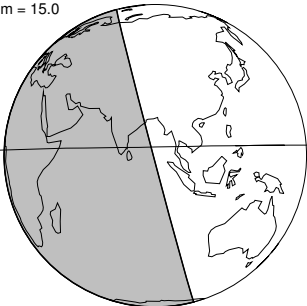
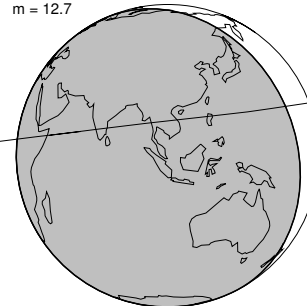
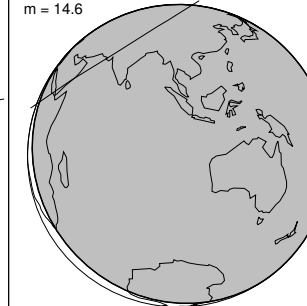
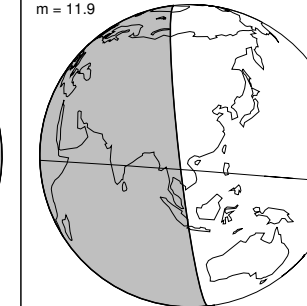
# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 jun 19 19h58.0m</b> B18_06006 95625 2002GX32 HSOY 019257710 Diam = 138.0 m = 14.6 m = 23.0</p> <p>Dur = 5.9s Dmag = 8.3 Sun: 164° Moon: 88°</p>	<p><b>2018 jun 21 18h 2.3m</b> A18_06077 369 Aeria HSOY 043478840 Diam = 62.2 m = 11.8 m = 12.1</p> <p>Dur = 5.1s Dmag = 1.0 Sun: 169° Moon: 64°</p>	<p><b>2018 jun 21 18h 6.7m</b> A18_06094 581 Tauntonia HSOY 087472205 Diam = 67.1 m = 11.1 m = 14.1</p> <p>Dur = 4.5s Dmag = 3.1 Sun: 170° Moon: 83°</p>	<p><b>2018 jun 22 17h56.0m</b> A18_06154 2196 Ellicott HSOY 051416966 Diam = 62.2 m = 11.5 m = 15.3</p> <p>Dur = 4.8s Dmag = 3.9 Sun: 164° Moon: 51°</p>
<p><b>2018 jun 23 22h23.5m</b> A18_06100 611 Valeria HSOY 113126109 Diam = 59.0 m = 12.2 m = 14.2</p> <p>Dur = 4.8s Dmag = 2.2 Sun: 152° Moon: 68°</p>	<p><b>2018 jun 24 18h 5.3m</b> A18_06153 2032 Ethel HIP 93315 Diam = 42.0 m = 6.5 m = 15.7</p> <p>Dur = 4.2s Dmag = 9.2 Sun: 169° Moon: 50°</p>	<p><b>2018 jun 25 13h51.5m</b> A18_06131 1172 Aeneas HSOY 567152086 Diam = 151.0 m = 11.2 m = 16.5</p> <p>Dur = 6.6s Dmag = 5.3 Sun: 71° Moon: 82°</p>	<p><b>2018 jun 25 14h38.4m</b> A18_06112 739 Mandeville TYC 0415-00617-1 Diam = 110.0 m = 10.9 m = 12.4</p> <p>Dur = 8.9s Dmag = 1.8 Sun: 153° Moon: 28°</p>
<p><b>2018 jun 28 17h 0.8m</b> A18_06144 1583 Antiochus UCAC4-531-132520 Diam = 109.0 m = 8.9 m = 16.0</p> <p>Dur = 8.0s Dmag = 7.1 Sun: 130° Moon: 44°</p>	<p><b>2018 jun 29 15h25.8m</b> A18_06055 213 Lilaea HSOY 046663530 Diam = 84.6 m = 11.9 m = 11.6</p> <p>Dur = 9.8s Dmag = 0.6 Sun: 167° Moon: 27°</p>	<p><b>2018 jun 30 16h36.6m</b> A18_06004 4 Vesta HSOY 041891446 Diam = 523.2 m = 12.2 m = 5.6</p> <p>Dur = 64.2s Dmag = 0.0 Sun: 166° Moon: 40°</p>	<p><b>2018 jun 30 17h44.2m</b> A18_06008 14 Irene HSOY 078003937 Diam = 152.4 m = 12.1 m = 10.3</p> <p>Dur = 15.3s Dmag = 0.2 Sun: 151° Moon: 7°</p>
<p><b>2018 jul 6 16h 2.1m</b> A18_07009 29 Amphitrite UCAC4-289-118091 Diam = 219.0 m = 12.0 m = 9.8</p> <p>Dur = 22.9s Dmag = 0.1 Sun: 153° Moon: 117°</p>	<p><b>2018 jul 8 21h47.7m</b> A18_07136 1436 Salonta HSOY 455234677 Diam = 63.6 m = 10.7 m = 15.1</p> <p>Dur = 7.8s Dmag = 4.5 Sun: 135° Moon: 82°</p>	<p><b>2018 jul 16 17h10.4m</b> A18_07006 26 Proserpina HSOY 073990842 Diam = 98.7 m = 12.0 m = 10.7</p> <p>Dur = 10.6s Dmag = 0.3 Sun: 168° Moon: 119°</p>	<p><b>2018 jul 20 17h21.9m</b> A18_07159 9799 1996RJ TYC 5122-00207-1 Diam = 52.5 m = 11.9 m = 16.6</p> <p>Dur = 3.1s Dmag = 4.7 Sun: 156° Moon: 63°</p>

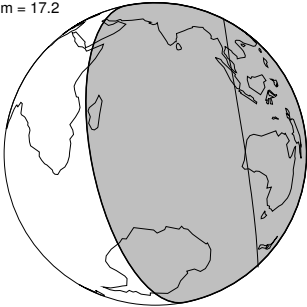
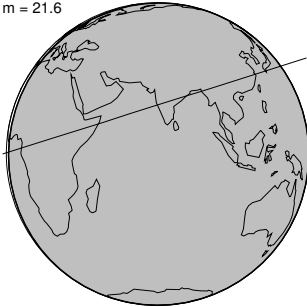
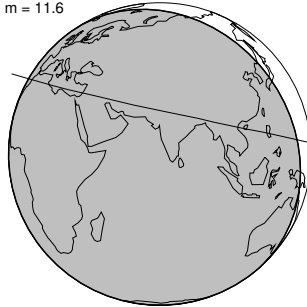
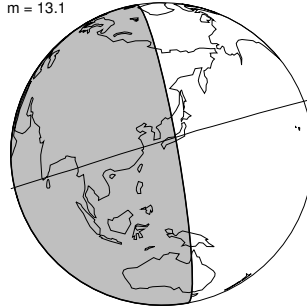
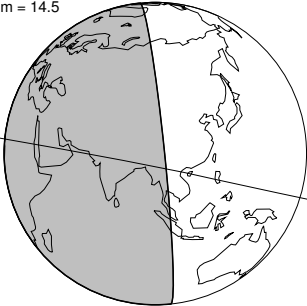
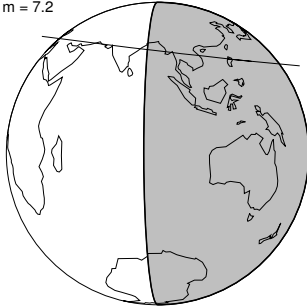
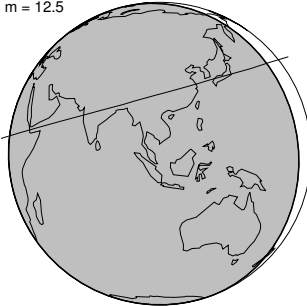
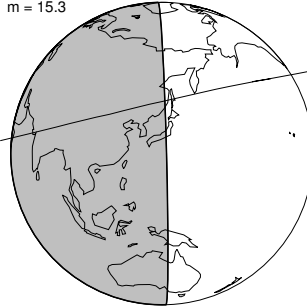
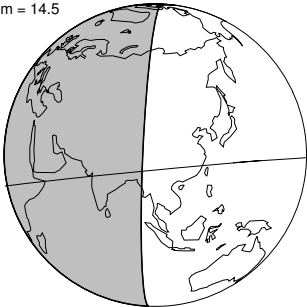
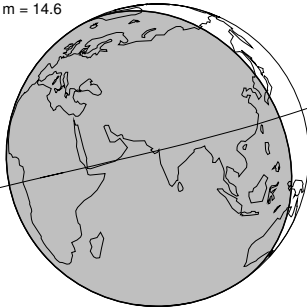
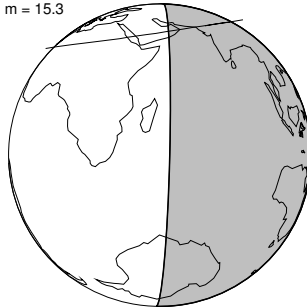
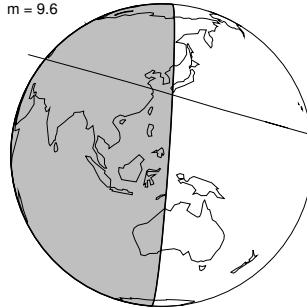
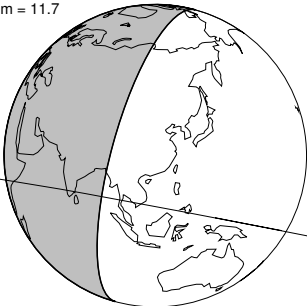
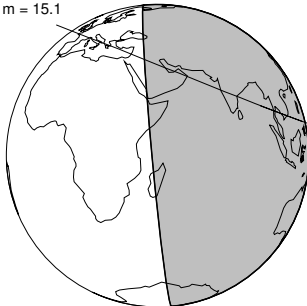
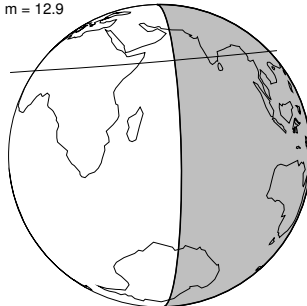
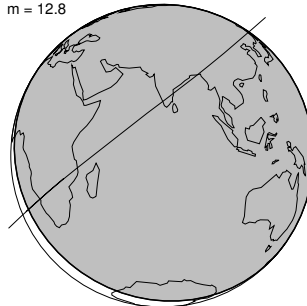
# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 jul 24 14h35.6m</b> A18_07078 423 Diotima HSOY 029197742 Diam = 217.0 m = 12.0 m = 11.8</p>  <p>Dur = 27.8s Dmag = 0.7 Sun: 147° Moon: 12°</p>	<p><b>2018 jul 26 19h51.3m</b> A18_07139 1868 Thersites UCAC4-435-076219 Diam = 57.5 m = 11.6 m = 16.5</p>  <p>Dur = 4.2s Dmag = 5.0 Sun: 147° Moon: 24°</p>	<p><b>2018 jul 29 12h35.1m</b> 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><b>2018 jul 31 16h48.6m</b> A18_07147 2356 Hiron HSOY 112151385 Diam = 49.2 m = 11.9 m = 15.8</p>  <p>Dur = 4.1s Dmag = 4.0 Sun: 152° Moon: 65°</p>
<p><b>2018 jul 31 18h56.5m</b> A18_07049 198 Ampella HSOY 089723264 Diam = 58.7 m = 12.3 m = 11.1</p>  <p>Dur = 9.3s Dmag = 0.3 Sun: 150° Moon: 73°</p>	<p><b>2018 aug 1 14h 0.2m</b> A18_08049 203 Pompeja HSOY 006277144 Diam = 120.0 m = 12.2 m = 14.4</p>  <p>Dur = 10.7s Dmag = 2.4 Sun: 99° Moon: 132°</p>	<p><b>2018 aug 2 13h51.7m</b> A18_08144 5258 1989AU1 HSOY 089062346 Diam = 41.7 m = 11.5 m = 17.5</p>  <p>Dur = 3.0s Dmag = 6.0 Sun: 151° Moon: 92°</p>	<p><b>2018 aug 4 17h57.0m</b> A18_08123 1436 Salonta HSOY 454813840 Diam = 63.6 m = 11.7 m = 14.7</p>  <p>Dur = 5.4s Dmag = 3.1 Sun: 158° Moon: 79°</p>
<p><b>2018 aug 4 21h28.5m</b> A18_08079 476 Hedwig TYC 1774-00769-1 Diam = 121.0 m = 11.3 m = 13.7</p>  <p>Dur = 7.1s Dmag = 2.5 Sun: 89° Moon: 17°</p>	<p><b>2018 aug 4 22h54.6m</b> A18_08063 307 Nike HSOY 469881342 Diam = 58.0 m = 11.7 m = 15.1</p>  <p>Dur = 4.4s Dmag = 3.4 Sun: 100° Moon: 13°</p>	<p><b>2018 aug 5 18h15.8m</b> A18_08029 156 Xanthippe HSOY 119002551 Diam = 126.0 m = 11.9 m = 12.2</p>  <p>Dur = 11.9s Dmag = 0.9 Sun: 164° Moon: 109°</p>	<p><b>2018 aug 7 16h25.4m</b> A18_08134 4035 1986WD HSOY 106072839 Diam = 57.5 m = 12.4 m = 16.8</p>  <p>Dur = 4.3s Dmag = 4.4 Sun: 148° Moon: 156°</p>
<p><b>2018 aug 12 23h56.7m</b> A18_08086 527 Euryanthe HSOY 518766137 Diam = 55.2 m = 10.8 m = 15.0</p>  <p>Dur = 3.2s Dmag = 4.2 Sun: 89° Moon: 112°</p>	<p><b>2018 aug 22 19h 2.7m</b> A18_08023 112 Iphigenia TYC 0001-00828-1 Diam = 75.5 m = 11.6 m = 12.7</p>  <p>Dur = 17.3s Dmag = 1.5 Sun: 147° Moon: 73°</p>	<p><b>2018 aug 31 16h20.1m</b> A18_08121 1262 Sniadeckia TYC 6374-00508-1 Diam = 58.7 m = 11.5 m = 14.6</p>  <p>Dur = 5.1s Dmag = 3.2 Sun: 160° Moon: 77°</p>	<p><b>2018 sep 2 22h58.3m</b> A18_09016 80 Sappho HSOY 523644380 Diam = 81.7 m = 10.4 m = 11.9</p>  <p>Dur = 4.1s Dmag = 1.8 Sun: 85° Moon: 7°</p>

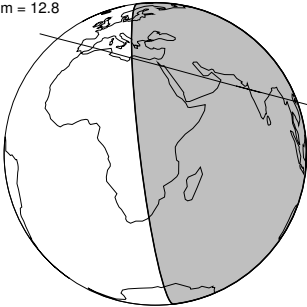
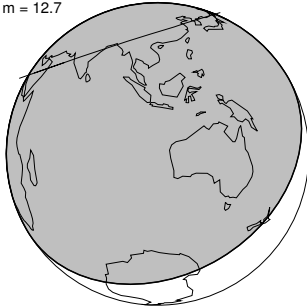
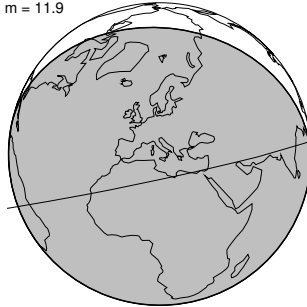
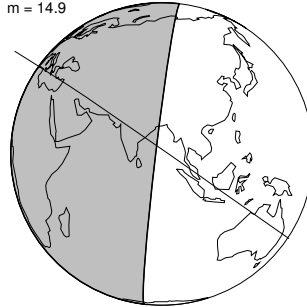
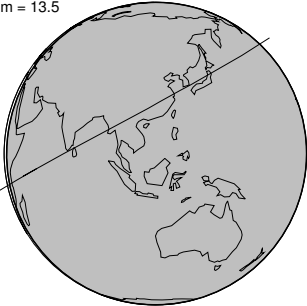
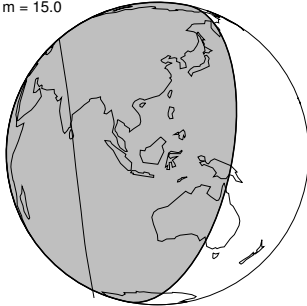
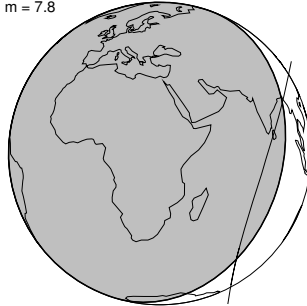
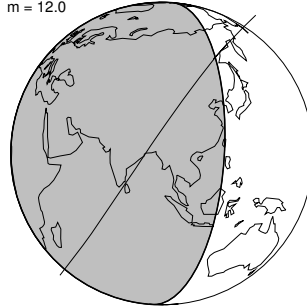
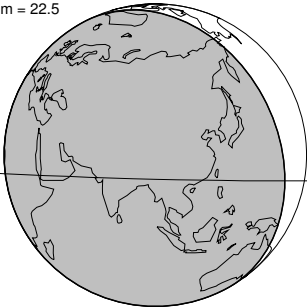
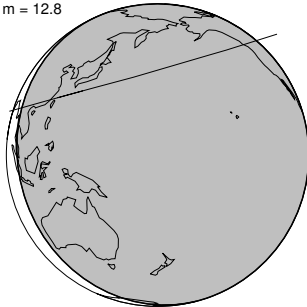
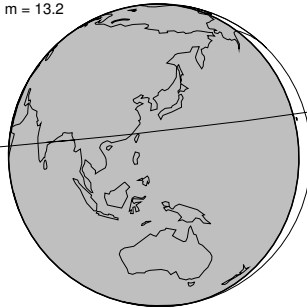
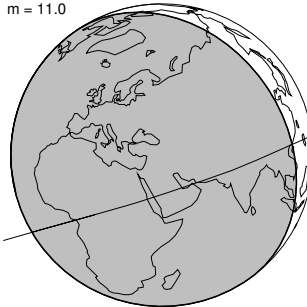
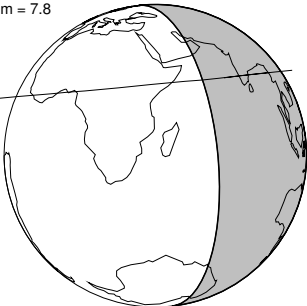
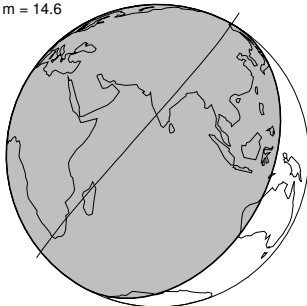
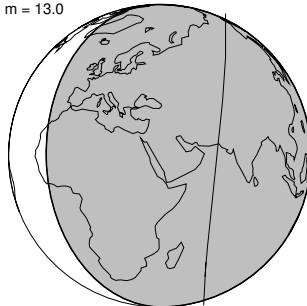
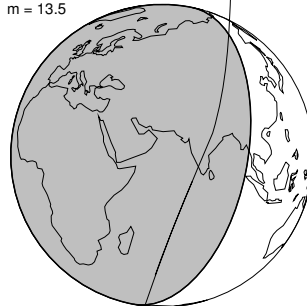
# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 sep 4 14h58.0m</b> 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><b>2018 sep 5 18h23.8m</b> A18_09187 469615 2004PT107 HSOY 450787146 Diam = 288.4 m = 12.0 m = 21.6</p>  <p>Dur = 11.6s Dmag = 9.6 Sun: 169° Moon: 133°</p>	<p><b>2018 sep 5 20h34.6m</b> A18_09043 172 Baucis HSOY 468566376 Diam = 64.5 m = 12.5 m = 11.6</p>  <p>Dur = 8.6s Dmag = 0.4 Sun: 152° Moon: 99°</p>	<p><b>2018 sep 8 20h36.1m</b> A18_09013 38 Leda TYC 1828-01785-1 Diam = 120.0 m = 11.7 m = 13.1</p>  <p>Dur = 7.8s Dmag = 1.7 Sun: 96° Moon: 84°</p>
<p><b>2018 sep 13 23h 9.5m</b> A18_09144 726 Joëlla TYC 1853-01531-1 Diam = 47.2 m = 11.6 m = 14.5</p>  <p>Dur = 3.1s Dmag = 2.9 Sun: 93° Moon: 147°</p>	<p><b>2018 sep 17 12h 8.4m</b> A18_09003 4 Vesta UCAC4-324-121850 Diam = 523.2 m = 11.6 m = 7.2</p>  <p>Dur = 31.3s Dmag = 0.0 Sun: 95° Moon: 5°</p>	<p><b>2018 sep 17 18h26.6m</b> A18_09019 83 Beatrix HSOY 468750354 Diam = 84.0 m = 12.3 m = 12.5</p>  <p>Dur = 8.4s Dmag = 0.9 Sun: 155° Moon: 105°</p>	<p><b>2018 sep 21 20h37.3m</b> A18_09059 231 Vindobona HIP 27180 Diam = 85.1 m = 8.6 m = 15.3</p>  <p>Dur = 6.5s Dmag = 6.7 Sun: 91° Moon: 125°</p>
<p><b>2018 sep 21 23h37.3m</b> A18_09110 524 Fidelio TYC 2424-00491-1 Diam = 74.0 m = 11.9 m = 14.5</p>  <p>Dur = 3.6s Dmag = 2.7 Sun: 85° Moon: 130°</p>	<p><b>2018 sep 23 20h54.4m</b> A18_09116 541 Deborah HSOY 470320424 Diam = 59.1 m = 12.3 m = 14.6</p>  <p>Dur = 7.0s Dmag = 2.4 Sun: 146° Moon: 48°</p>	<p><b>2018 sep 25 14h10.9m</b> A18_09113 528 Rezia TYC 7386-00243-1 Diam = 86.2 m = 10.8 m = 15.3</p>  <p>Dur = 4.9s Dmag = 4.5 Sun: 86° Moon: 98°</p>	<p><b>2018 oct 3 21h16.9m</b> A18_10008 6 Hebe HSOY 537785810 Diam = 186.0 m = 11.9 m = 9.6</p>  <p>Dur = 11.7s Dmag = 0.1 Sun: 92° Moon: 27°</p>
<p><b>2018 oct 4 23h46.9m</b> A18_10066 324 Bamberg TYC 1939-00138-1 Diam = 227.6 m = 11.8 m = 11.7</p>  <p>Dur = 9.6s Dmag = 0.7 Sun: 73° Moon: 19°</p>	<p><b>2018 oct 5 14h51.4m</b> A18_10108 611 Valeria HSOY 101043202 Diam = 59.0 m = 11.7 m = 15.1</p>  <p>Dur = 3.8s Dmag = 3.4 Sun: 92° Moon: 137°</p>	<p><b>2018 oct 6 13h34.8m</b> A18_10076 423 Diotima HSOY 067155191 Diam = 217.0 m = 11.9 m = 12.9</p>  <p>Dur = 10.3s Dmag = 1.4 Sun: 81° Moon: 117°</p>	<p><b>2018 oct 7 17h55.1m</b> A18_10096 542 Susanna TYC 5263-00468-1 Diam = 43.5 m = 9.9 m = 12.8</p>  <p>Dur = 4.8s Dmag = 3.0 Sun: 159° Moon: 174°</p>

# Occultations by major and minor planets – 2018

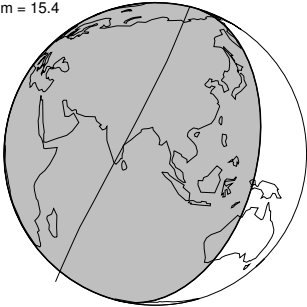
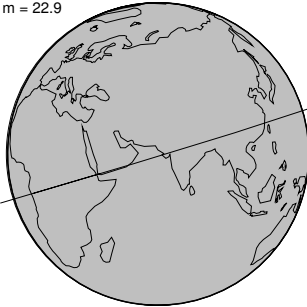
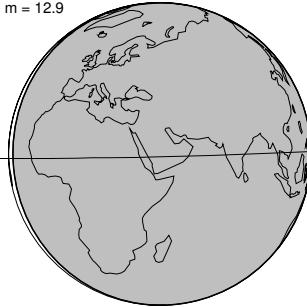
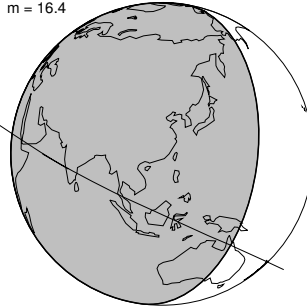
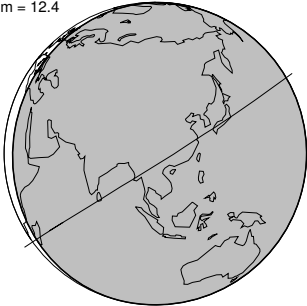
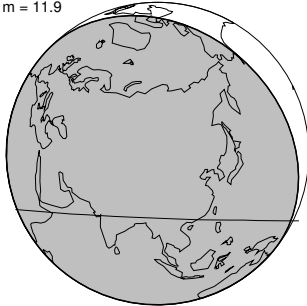
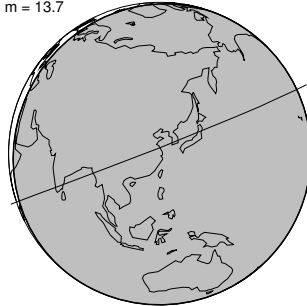
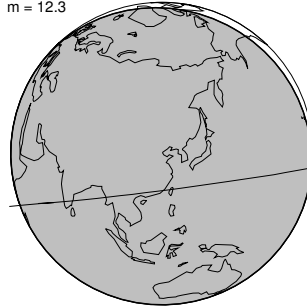
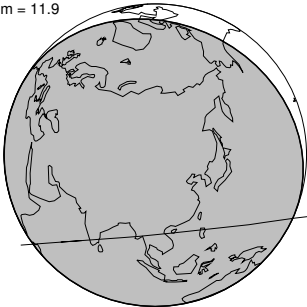
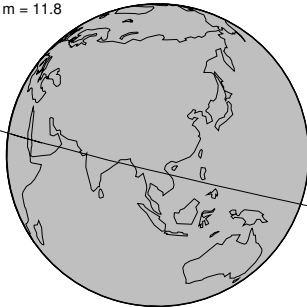
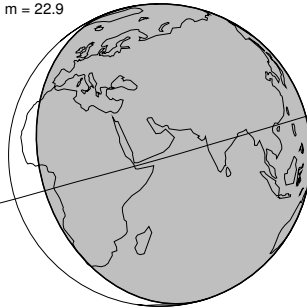
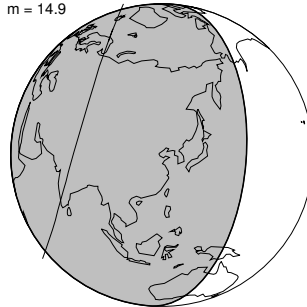
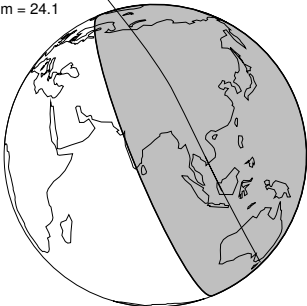
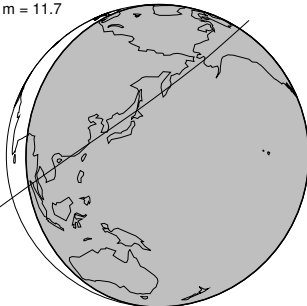
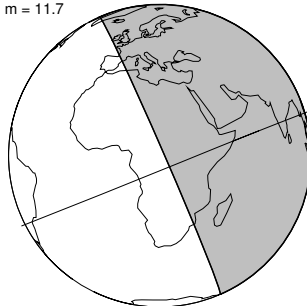
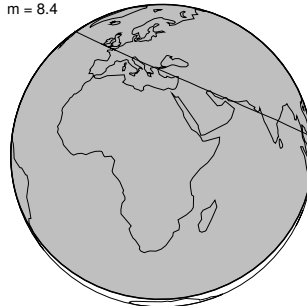
# Region 6

<p><b>2018 oct 8 16h 8.6m</b> A18_10036 137 Meliboea TYC 5709-00308-1 Diam = 150.0 m = 11.3 m = 12.8</p>  <p>Dur = 8.3s Dmag = 1.7 Sun: 95° Moon: 101°</p>	<p><b>2018 oct 8 17h45.4m</b> A18_10070 350 Ornamenta HSOY 452446018 Diam = 123.0 m = 12.3 m = 12.7</p>  <p>Dur = 11.0s Dmag = 1.0 Sun: 143° Moon: 147°</p>	<p><b>2018 oct 8 23h14.6m</b> A18_10113 654 Zelinda TYC 2804-00179-1 Diam = 132.0 m = 12.1 m = 11.9</p>  <p>Dur = 13.5s Dmag = 0.7 Sun: 146° Moon: 141°</p>	<p><b>2018 oct 9 0h 3.4m</b> A18_10116 663 Gerlinde HSOY 542887648 Diam = 104.0 m = 12.5 m = 14.9</p>  <p>Dur = 5.3s Dmag = 2.5 Sun: 87° Moon: 87°</p>
<p><b>2018 oct 11 15h31.0m</b> A18_10058 248 Lameia HSOY 468520829 Diam = 52.0 m = 12.4 m = 13.5</p>  <p>Dur = 4.7s Dmag = 1.5 Sun: 169° Moon: 138°</p>	<p><b>2018 oct 19 20h 1.8m</b> A18_10149 1628 Strobel TYC 0114-01991-1 Diam = 59.1 m = 10.7 m = 15.0</p>  <p>Dur = 5.8s Dmag = 4.3 Sun: 119° Moon: 111°</p>	<p><b>2018 oct 22 23h58.7m</b> A18_10001 3 Juno TYC 0073-00152-1 Diam = 257.6 m = 12.3 m = 7.8</p>  <p>Dur = 38.0s Dmag = 0.0 Sun: 144° Moon: 52°</p>	<p><b>2018 oct 24 22h 0.6m</b> A18_10127 776 Berbericia PPMX 6039675 Diam = 121.3 m = 12.5 m = 12.0</p>  <p>Dur = 18.0s Dmag = 0.5 Sun: 114° Moon: 63°</p>
<p><b>2018 oct 26 19h33.0m</b> B18_10002 118228 1996TQ66 HSOY 528045232 Diam = 173.8 m = 15.0 m = 22.5</p>  <p>Dur = 8.5s Dmag = 7.5 Sun: 144° Moon: 18°</p>	<p><b>2018 oct 28 10h53.9m</b> A18_10042 160 Una TYC 0017-00465-1 Diam = 85.0 m = 10.7 m = 12.8</p>  <p>Dur = 9.6s Dmag = 2.2 Sun: 157° Moon: 71°</p>	<p><b>2018 oct 29 16h36.5m</b> A18_10079 447 Valentine TYC 1252-00522-1 Diam = 82.0 m = 10.3 m = 13.2</p>  <p>Dur = 8.1s Dmag = 3.0 Sun: 156° Moon: 41°</p>	<p><b>2018 oct 29 22h43.4m</b> A18_10101 584 Semiramis TYC 2370-00610-1 Diam = 56.2 m = 9.1 m = 11.0</p>  <p>Dur = 11.9s Dmag = 2.0 Sun: 145° Moon: 40°</p>
<p><b>2018 nov 4 13h39.3m</b> A18_11003 4 Vesta HSOY 074604134 Diam = 523.2 m = 12.4 m = 7.8</p>  <p>Dur = 16.4s Dmag = 0.0 Sun: 65° Moon: 105°</p>	<p><b>2018 nov 10 21h12.8m</b> A18_11133 1628 Strobel HSOY 480152142 Diam = 59.1 m = 12.4 m = 14.6</p>  <p>Dur = 5.6s Dmag = 2.3 Sun: 137° Moon: 156°</p>	<p><b>2018 nov 12 18h 5.0m</b> A18_11088 568 Cheruskia HSOY 469255014 Diam = 89.7 m = 12.5 m = 13.0</p>  <p>Dur = 8.8s Dmag = 1.0 Sun: 138° Moon: 84°</p>	<p><b>2018 nov 13 23h32.1m</b> A18_11018 58 Concordia PPMX 6081314 Diam = 97.7 m = 12.3 m = 13.5</p>  <p>Dur = 58.3s Dmag = 1.5 Sun: 124° Moon: 162°</p>



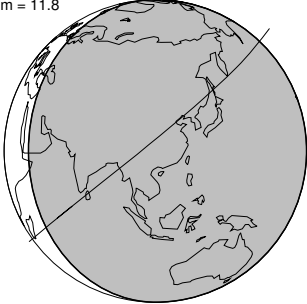
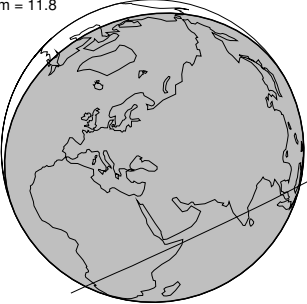
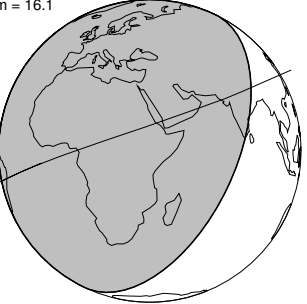
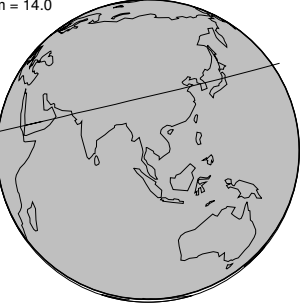
# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 nov 15 20h50.5m</b> A18_11137 2266 Tchaikovsky HIP 31899 Diam = 53.6 m = 7.9 m = 15.4</p>  <p>Dur = 7.5s Sun: 132° Dmag = 7.5 Moon: 133°</p>	<p><b>2018 nov 24 18h44.3m</b> B18_11006 1999RW215 HSOY 526666479 Diam = 104.7 m = 14.9 m = 22.9</p>  <p>Dur = 4.3s Sun: 172° Dmag = 8.0 Moon: 28°</p>	<p><b>2018 nov 24 19h44.6m</b> A18_11074 508 Princesonia TYC 1231-01650-1 Diam = 147.0 m = 9.2 m = 12.9</p>  <p>Dur = 10.8s Sun: 166° Dmag = 3.7 Moon: 35°</p>	<p><b>2018 nov 27 19h47.7m</b> A18_11129 1470 Carla HSOY 555477168 Diam = 40.5 m = 11.5 m = 16.4</p>  <p>Dur = 10.2s Sun: 129° Dmag = 4.9 Moon: 11°</p>
<p><b>2018 nov 29 15h33.9m</b> A18_11100 639 Latona PPMX 4855591 Diam = 74.5 m = 12.2 m = 12.4</p>  <p>Dur = 6.7s Sun: 160° Dmag = 0.8 Moon: 102°</p>	<p><b>2018 dec 2 18h55.6m</b> A18_12027 71 Niobe TYC 3382-00082-1 Diam = 87.3 m = 11.6 m = 11.9</p>  <p>Dur = 6.7s Sun: 146° Dmag = 1.0 Moon: 101°</p>	<p><b>2018 dec 4 14h46.1m</b> A18_12141 1086 Nata HSOY 527266903 Diam = 70.5 m = 11.8 m = 13.7</p>  <p>Dur = 5.7s Sun: 163° Dmag = 2.1 Moon: 154°</p>	<p><b>2018 dec 5 16h39.8m</b> A18_12032 84 Klio TYC 2909-01637-1 Diam = 83.0 m = 11.9 m = 12.3</p>  <p>Dur = 7.7s Sun: 162° Dmag = 0.9 Moon: 145°</p>
<p><b>2018 dec 9 17h56.1m</b> A18_12028 71 Niobe PPMX 2142764 Diam = 87.3 m = 11.9 m = 11.9</p>  <p>Dur = 6.1s Sun: 151° Dmag = 0.5 Moon: 149°</p>	<p><b>2018 dec 14 16h44.4m</b> A18_12084 455 Bruchsalia HSOY 525649376 Diam = 87.5 m = 11.8 m = 11.8</p>  <p>Dur = 7.3s Sun: 175° Dmag = 1.2 Moon: 95°</p>	<p><b>2018 dec 14 17h44.9m</b> B18_12011 2009UF156 HSOY 470570828 Diam = 208.9 m = 13.0 m = 22.9</p>  <p>Dur = 10.8s Sun: 142° Dmag = 9.9 Moon: 61°</p>	<p><b>2018 dec 16 20h17.1m</b> A18_12148 1323 Tugela HSOY 580961107 Diam = 60.1 m = 10.3 m = 14.9</p>  <p>Dur = 6.5s Sun: 123° Dmag = 4.6 Moon: 126°</p>
<p><b>2018 dec 23 12h32.7m</b> 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><b>2018 dec 24 11h36.8m</b> A18_12015 38 Leda HSOY 527122342 Diam = 120.0 m = 12.2 m = 11.7</p>  <p>Dur = 16.3s Sun: 150° Dmag = 0.5 Moon: 53°</p>	<p><b>2018 dec 24 16h25.4m</b> A18_12011 30 Urania HSOY 457918778 Diam = 104.0 m = 11.4 m = 11.7</p>  <p>Dur = 5.1s Sun: 88° Dmag = 0.9 Moon: 119°</p>	<p><b>2018 dec 25 22h15.7m</b> A18_12008 6 Hebe TYC 0141-00946-1 Diam = 186.0 m = 10.8 m = 8.4</p>  <p>Dur = 17.0s Sun: 161° Dmag = 0.1 Moon: 45°</p>

# Occultations by major and minor planets – 2018

# Region 6

<p><b>2018 dec 27 14h25.9m</b> A18_12016            38 Leda HSOY 527119612            Diam = 120.0 m = 12.0            m = 11.8</p>  <p>Dur = 18.0s Dmag = 0.6            Sun: 147° Moon: 98°</p>	<p><b>2018 dec 27 20h31.0m</b> A18_12030            71 Niobe HSOY 433347707            Diam = 87.3 m = 12.2            m = 11.8</p>  <p>Dur = 5.6s Dmag = 0.6            Sun: 152° Moon: 80°</p>	<p><b>2018 dec 29 1h 5.9m</b> A18_12149            1328 Devota TYC 0247-00589-1            Diam = 59.6 m = 11.0            m = 16.1</p>  <p>Dur = 16.7s Dmag = 5.2            Sun: 124° Moon: 33°</p>	<p><b>2018 dec 30 17h23.6m</b> A18_12155            1596 Itzigsohn HSOY 540037160            Diam = 51.1 m = 12.4            m = 14.0</p>  <p>Dur = 4.2s Dmag = 1.8            Sun: 168° Moon: 106°</p>
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