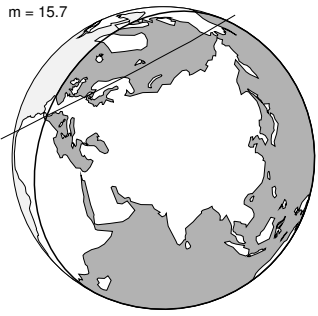
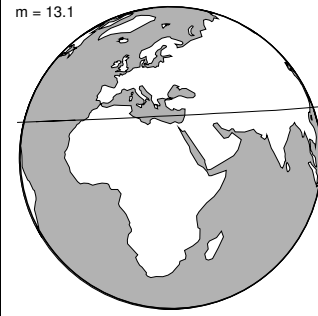
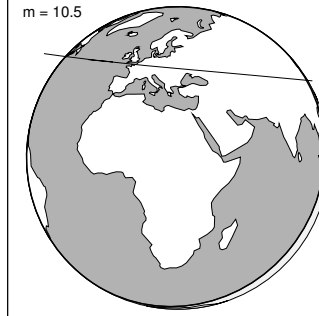
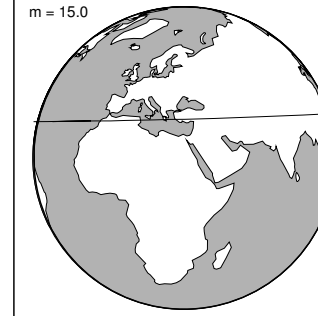
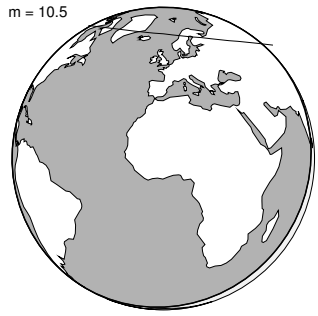
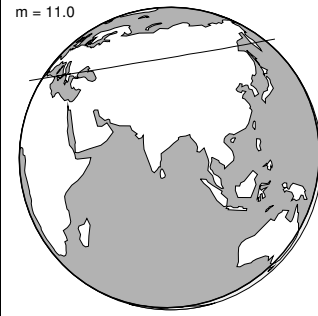
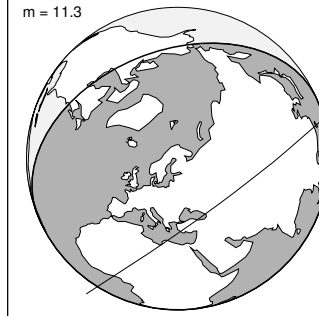
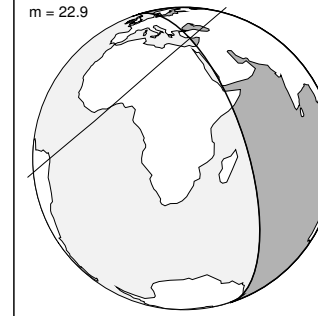
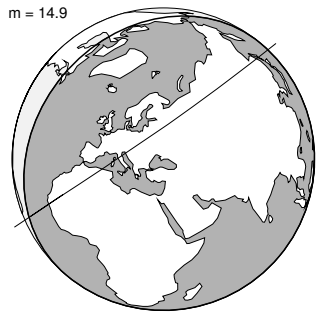
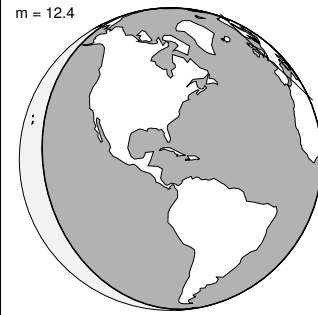
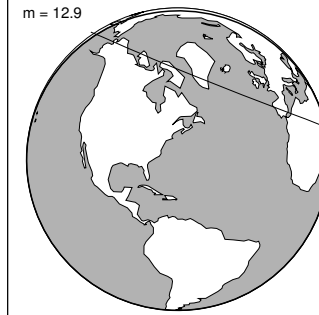
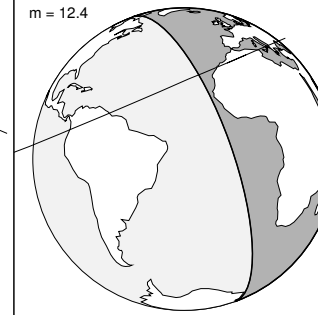
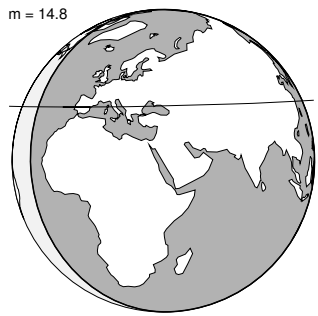
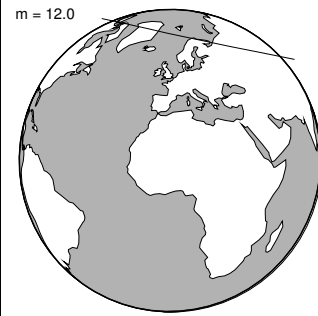
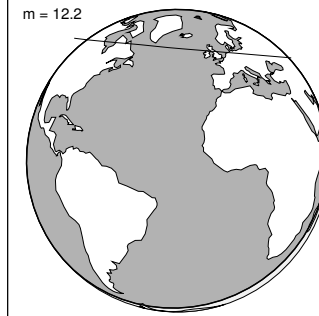
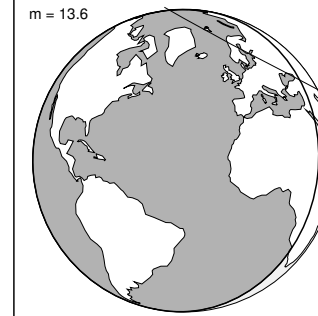


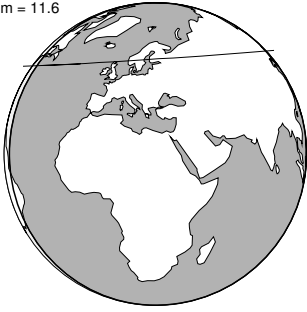
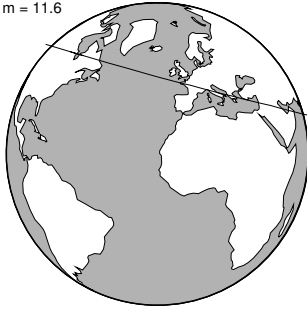
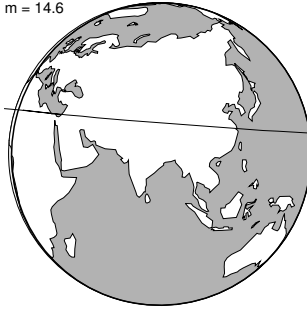
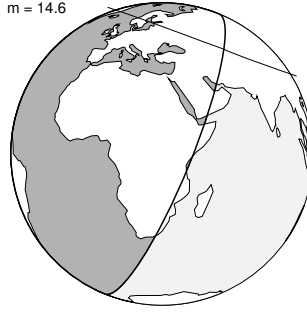
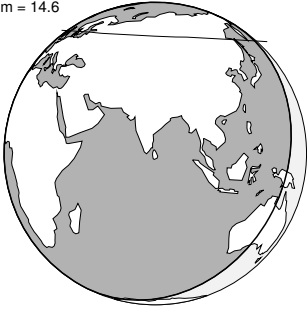
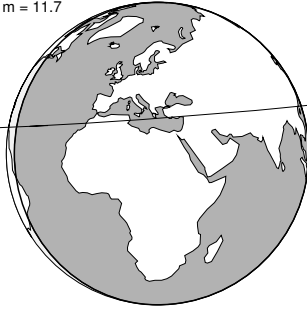
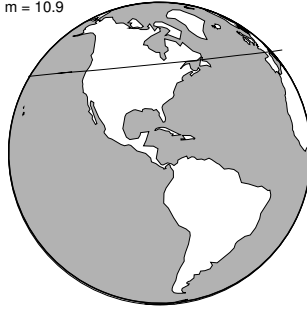
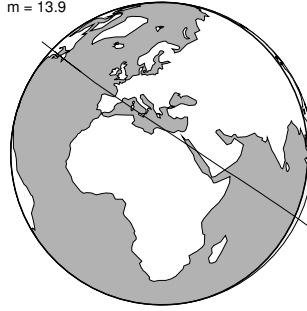
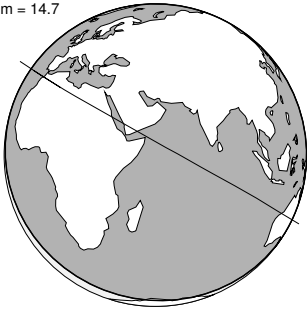
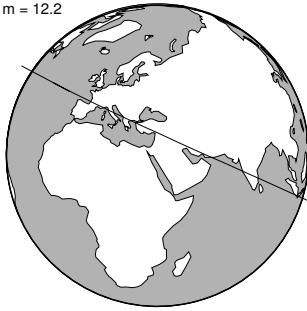

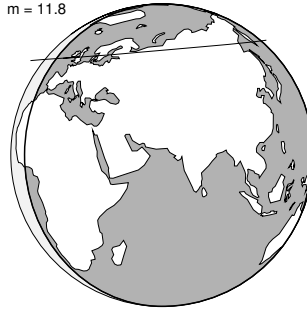
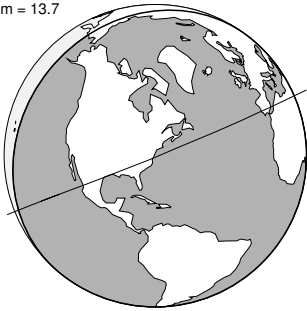
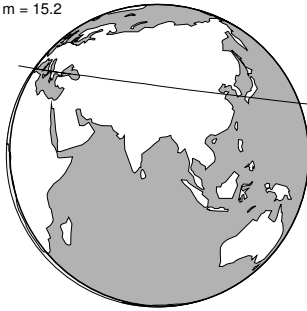
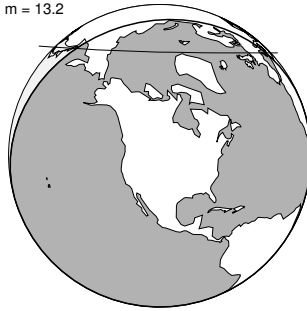
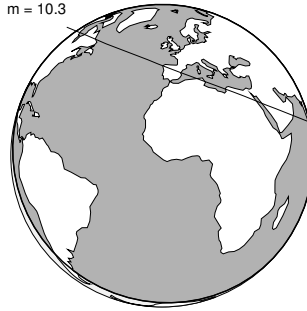
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 jan 1 17h 0.4m</b> A25_01147 1227 Geranium UCAC4 668-027199 Diam = 48.2 m = 12.4 m = 15.7</p>  <p>Dur = 3.8s Dmag = 3.4 Sun: 144° Moon: 128°</p>	<p><b>2025 jan 1 21h43.4m</b> A25_01087 420 Bertholda TYC 1332-00727-1 Diam = 146.0 m = 9.1 m = 13.1</p>  <p>Dur = 10.5s Dmag = 4.0 Sun: 172° Moon: 149°</p>	<p><b>2025 jan 1 23h18.2m</b> A25_01022 79 Eurynome UCAC4 514-044236 Diam = 68.0 m = 12.5 m = 10.5</p>  <p>Dur = 7.9s Dmag = 0.2 Sun: 162° Moon: 164°</p>	<p><b>2025 jan 2 21h29.3m</b> A25_01173 2697 Albina UCAC5 564-025398 Diam = 54.0 m = 12.5 m = 15.0</p>  <p>Dur = 4.0s Dmag = 2.7 Sun: 173° Moon: 136°</p>
<p><b>2025 jan 3 1h 4.9m</b> A25_01021 79 Eurynome UCAC4 514-044108 Diam = 68.0 m = 12.3 m = 10.5</p>  <p>Dur = 7.7s Dmag = 0.2 Sun: 163° Moon: 153°</p>	<p><b>2025 jan 3 19h14.4m</b> A25_01116 675 Ludmilla TYC 0790-01141-1 Diam = 109.1 m = 10.4 m = 11.0</p>  <p>Dur = 10.5s Dmag = 1.1 Sun: 165° Moon: 142°</p>	<p><b>2025 jan 3 21h 9.8m</b> A25_01060 247 Eukrate TYC 4106-00438-1 Diam = 137.0 m = 10.6 m = 11.3</p>  <p>Dur = 15.8s Dmag = 1.2 Sun: 135° Moon: 110°</p>	<p><b>2025 jan 4 14h48.5m</b> A25_01179 542889 2013MY11 TYC 6404-00694-1 Diam = 82.4 m = 10.5 m = 22.9</p>  <p>Dur = 4.0s Dmag = 12.4 Sun: 65° Moon: 13°</p>
<p><b>2025 jan 5 20h 6.9m</b> A25_01126 759 Vinifera PPMX 3037576 Diam = 52.7 m = 12.2 m = 14.9</p>  <p>Dur = 3.7s Dmag = 2.9 Sun: 149° Moon: 84°</p>	<p><b>2025 jan 6 3h 6.3m</b> A25_01074 350 Ornamenta HIP 22349 Diam = 123.0 m = 6.8 m = 12.4</p>  <p>Dur = 10.3s Dmag = 5.6 Sun: 147° Moon: 69°</p>	<p><b>2025 jan 6 4h30.9m</b> A25_01129 785 Zwetana UCAC4 620-038806 Diam = 52.1 m = 12.4 m = 12.9</p>  <p>Dur = 4.1s Dmag = 1.0 Sun: 168° Moon: 98°</p>	<p><b>2025 jan 7 18h58.7m</b> A25_01044 194 Prokne TYC 5264-00115-1 Diam = 174.0 m = 11.1 m = 12.4</p>  <p>Dur = 5.9s Dmag = 1.6 Sun: 71° Moon: 33°</p>
<p><b>2025 jan 7 19h26.9m</b> A25_01127 767 Bondia UCAC4 568-015319 Diam = 40.6 m = 12.0 m = 14.8</p>  <p>Dur = 4.2s Dmag = 2.9 Sun: 151° Moon: 51°</p>	<p><b>2025 jan 8 0h36.6m</b> A25_01014 65 Cybele UCAC4 540-043851 Diam = 230.0 m = 12.0 m = 12.0</p>  <p>Dur = 14.9s Dmag = 0.7 Sun: 171° Moon: 84°</p>	<p><b>2025 jan 9 2h29.7m</b> A25_01050 233 Asterope UCAC4 497-047811 Diam = 108.0 m = 12.4 m = 12.2</p>  <p>Dur = 8.5s Dmag = 0.7 Sun: 164° Moon: 74°</p>	<p><b>2025 jan 9 4h24.8m</b> A25_01090 447 Valentine TYC 1408-01053-1 Diam = 82.0 m = 12.1 m = 13.6</p>  <p>Dur = 7.9s Dmag = 1.7 Sun: 152° Moon: 88°</p>

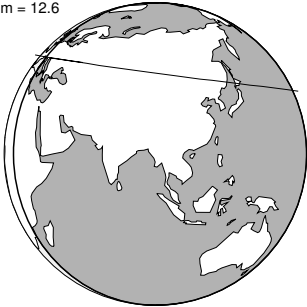
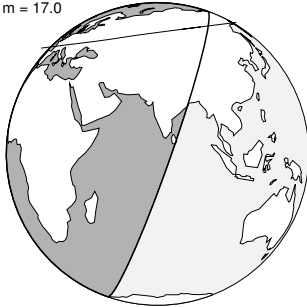

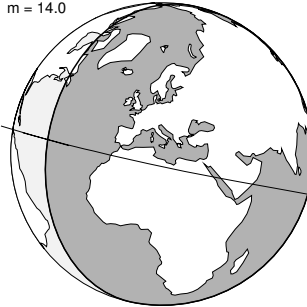
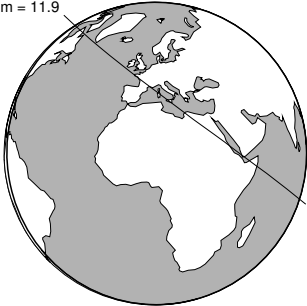
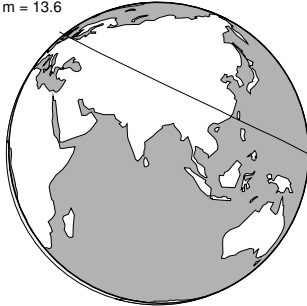
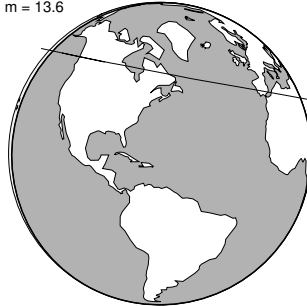
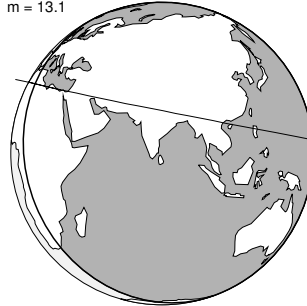
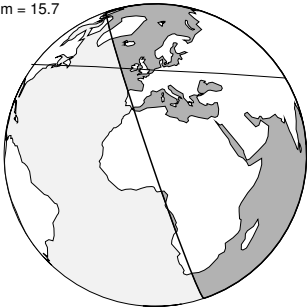
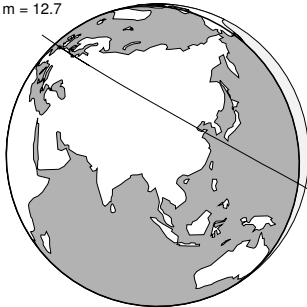
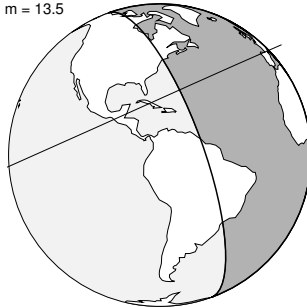
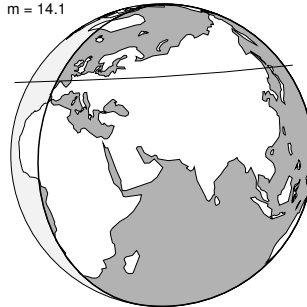
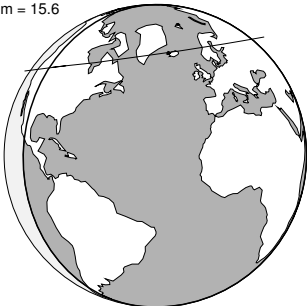
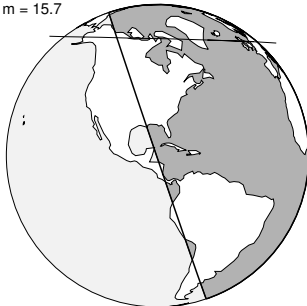
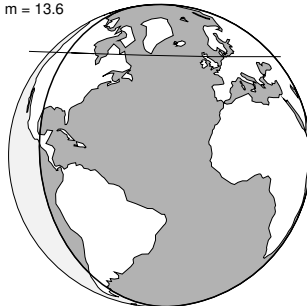
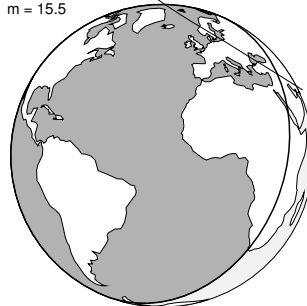
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 jan 9 21h17.5m</b> A25_01027 88 Thisbe HIP 30015 Diam = 232.0 m = 7.8 m = 11.6</p>  <p>Dur = 17.1s Dmag = 3.8 Sun: 164° Moon: 37°</p>	<p><b>2025 jan 11 1h40.0m</b> A25_01056 240 Vanadis TYC 1374-00320-1 Diam = 108.0 m = 11.6 m = 11.6</p>  <p>Dur = 11.3s Dmag = 0.8 Sun: 174° Moon: 42°</p>	<p><b>2025 jan 11 17h37.0m</b> A25_01095 492 Gismonda UCAC4 575-032484 Diam = 54.0 m = 11.8 m = 14.6</p>  <p>Dur = 3.9s Dmag = 2.9 Sun: 168° Moon: 17°</p>	<p><b>2025 jan 12 3h19.5m</b> A25_01047 210 Isabella TYC 4949-00778-1 Diam = 90.0 m = 12.3 m = 14.6</p>  <p>Dur = 9.5s Dmag = 2.5 Sun: 101° Moon: 101°</p>
<p><b>2025 jan 12 20h37.7m</b> A25_01101 541 Deborah TYC 0820-00884-1 Diam = 59.1 m = 10.6 m = 14.6</p>  <p>Dur = 6.1s Dmag = 4.0 Sun: 149° Moon: 45°</p>	<p><b>2025 jan 12 21h12.3m</b> A25_01028 88 Thisbe UCAC4 565-025502 Diam = 232.0 m = 11.9 m = 11.7</p>  <p>Dur = 17.8s Dmag = 0.6 Sun: 161° Moon: 8°</p>	<p><b>2025 jan 14 5h27.8m</b> A25_01117 675 Ludmilla TYC 0777-00604-1 Diam = 109.1 m = 10.3 m = 10.9</p>  <p>Dur = 10.4s Dmag = 1.1 Sun: 171° Moon: 14°</p>	<p><b>2025 jan 14 23h39.6m</b> A25_01107 590 Tomyris TYC 1943-00914-1 Diam = 40.5 m = 10.8 m = 13.9</p>  <p>Dur = 3.3s Dmag = 3.2 Sun: 164° Moon: 2°</p>
<p><b>2025 jan 15 19h59.3m</b> A25_01169 2326 Tololo TYC 0172-02822-1 Diam = 45.6 m = 10.7 m = 14.7</p>  <p>Dur = 3.8s Dmag = 4.0 Sun: 162° Moon: 34°</p>	<p><b>2025 jan 15 21h33.5m</b> A25_01078 369 Aeria PPMX 5102765 Diam = 62.2 m = 12.4 m = 12.2</p>  <p>Dur = 4.7s Dmag = 0.6 Sun: 172° Moon: 27°</p>	<p><b>2025 jan 16 17h51.7m</b> A25_01124 709 Fringilla PPMX 3100351 Diam = 99.6 m = 12.3 m = 13.6</p>  <p>Dur = 7.3s Dmag = 1.6 Sun: 155° Moon: 53°</p>	<p><b>2025 jan 17 18h 6.7m</b> A25_01029 88 Thisbe TYC 1877-01129-1 Diam = 232.0 m = 10.2 m = 11.8</p>  <p>Dur = 19.4s Dmag = 1.8 Sun: 155° Moon: 70°</p>
<p><b>2025 jan 18 3h44.7m</b> A25_01125 709 Fringilla TYC 2928-01455-1 Diam = 99.6 m = 13.7</p>  <p>Dur = 7.4s Dmag = 3.3 Sun: 154° Moon: 71°</p>	<p><b>2025 jan 18 17h32.9m</b> A25_01157 1328 Devota UCAC4 525-039745 Diam = 59.6 m = 11.1 m = 15.2</p>  <p>Dur = 4.6s Dmag = 4.1 Sun: 166° Moon: 68°</p>	<p><b>2025 jan 19 6h32.8m</b> A25_01110 595 Polyxena UCAC4 684-046710 Diam = 114.0 m = 12.3 m = 13.2</p>  <p>Dur = 8.0s Dmag = 1.3 Sun: 152° Moon: 76°</p>	<p><b>2025 jan 20 0h 9.9m</b> A25_01012 51 Nemausa UCAC4 484-037572 Diam = 152.3 m = 11.9 m = 10.3</p>  <p>Dur = 14.6s Dmag = 0.2 Sun: 163° Moon: 77°</p>

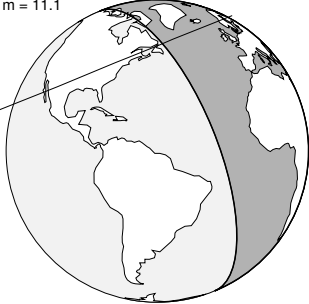
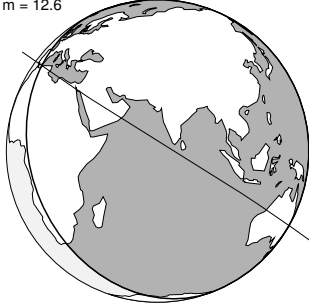
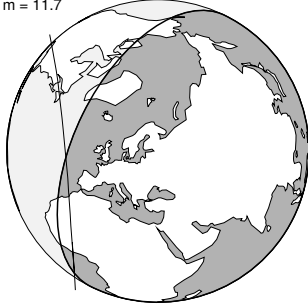
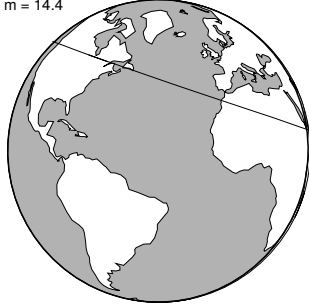
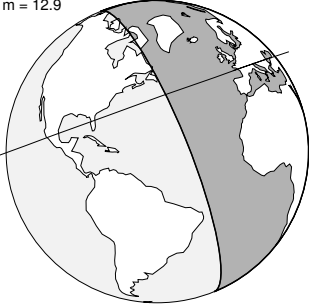
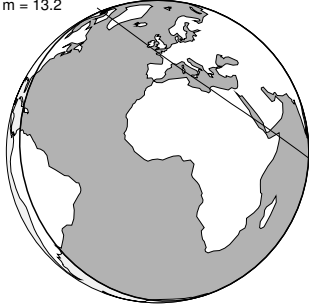
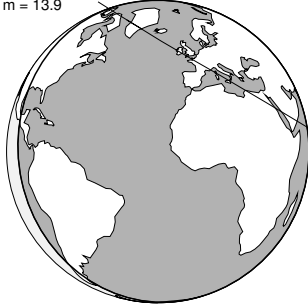
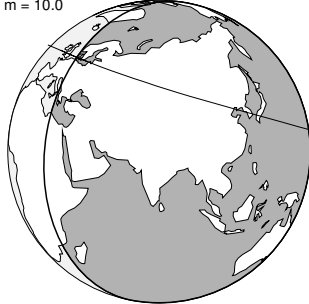
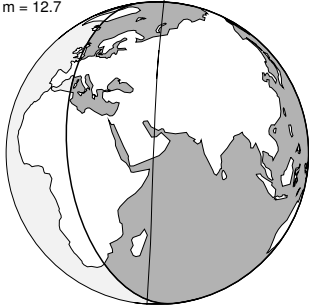
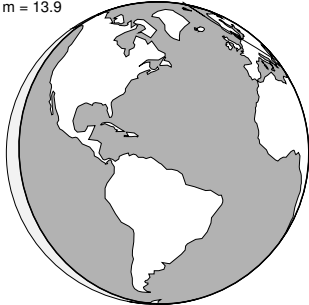
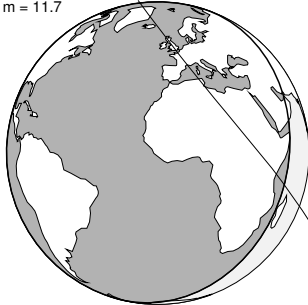
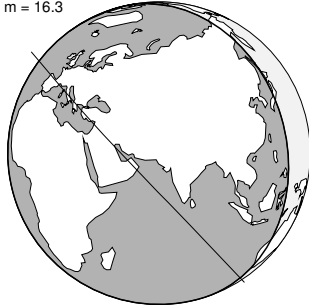
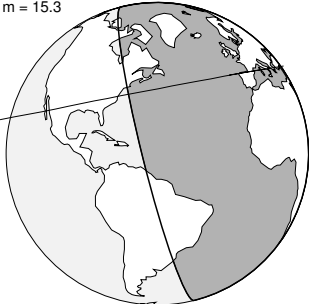
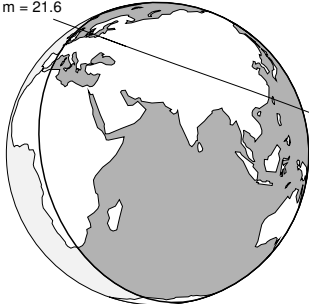
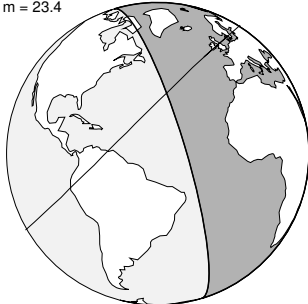
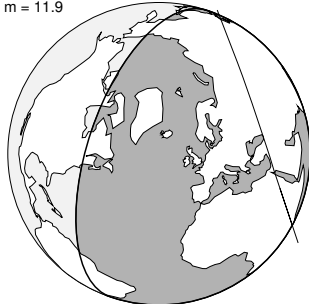
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 jan 22 16h27.0m</b> A25_01037 122 Gerda UCAC4 554-033094 Diam = 86.5 m = 12.5 m = 12.6</p>  <p>Dur = 7.4s Dmag = 0.8 Sun: 159° Moon: 119°</p>	<p><b>2025 jan 23 0h55.7m</b> A25_01172 2621 Goto TYC 0316-00391-1 Diam = 50.1 m = 10.9 m = 17.0</p>  <p>Dur = 4.0s Dmag = 6.1 Sun: 95° Moon: 25°</p>	<p><b>2025 jan 23 4h58.2m</b> B25_01011 2014KA102 UCAC4 476-055883 Diam = 229.1 m = 14.8 m = 22.9</p>  <p>Dur = 13.0s Dmag = 8.1 Sun: 77° Moon: 27°</p>	<p><b>2025 jan 23 20h26.6m</b> A25_01155 1303 Luthera TYC 2412-01268-1 Diam = 88.8 m = 10.6 m = 14.0</p>  <p>Dur = 10.5s Dmag = 3.4 Sun: 139° Moon: 150°</p>
<p><b>2025 jan 24 22h56.7m</b> A25_01093 472 Roma PPMX 6113242 Diam = 47.6 m = 12.4 m = 11.9</p>  <p>Dur = 3.9s Dmag = 0.5 Sun: 168° Moon: 134°</p>	<p><b>2025 jan 25 17h48.8m</b> A25_01104 542 Susanna TYC 0783-00245-1 Diam = 43.5 m = 10.4 m = 13.6</p>  <p>Dur = 3.2s Dmag = 3.3 Sun: 167° Moon: 139°</p>	<p><b>2025 jan 26 3h45.8m</b> A25_01030 90 Antiope UCAC4 568-041553 Diam = 125.0 m = 12.4 m = 13.6</p>  <p>Dur = 8.2s Dmag = 1.5 Sun: 167° Moon: 150°</p>	<p><b>2025 jan 26 17h 8.3m</b> A25_01081 374 Burgundia TYC 0752-02621-1 Diam = 48.2 m = 10.8 m = 13.1</p>  <p>Dur = 4.2s Dmag = 2.4 Sun: 154° Moon: 158°</p>
<p><b>2025 jan 26 17h36.1m</b> A25_01112 643 Scheherezade UCAC4 542-004154 Diam = 76.1 m = 12.3 m = 15.7</p>  <p>Dur = 5.1s Dmag = 3.4 Sun: 92° Moon: 127°</p>	<p><b>2025 jan 26 19h 6.8m</b> A25_01016 70 Panopaea TYC 1974-01198-1 Diam = 127.0 m = 11.8 m = 12.7</p>  <p>Dur = 9.2s Dmag = 1.3 Sun: 157° Moon: 130°</p>	<p><b>2025 jan 26 21h58.3m</b> A25_01033 107 Camilla TYC 0021-00314-1 Diam = 237.0 m = 11.2 m = 13.5</p>  <p>Dur = 10.0s Dmag = 2.4 Sun: 73° Moon: 105°</p>	<p><b>2025 jan 27 17h47.7m</b> A25_01069 332 Siri PPMX 5021377 Diam = 45.0 m = 12.3 m = 14.1</p>  <p>Dur = 5.5s Dmag = 2.0 Sun: 144° Moon: 168°</p>
<p><b>2025 jan 28 0h29.8m</b> A25_01149 1254 Erfordia UCAC4 566-029886 Diam = 49.2 m = 11.7 m = 15.6</p>  <p>Dur = 4.9s Dmag = 3.9 Sun: 150° Moon: 169°</p>	<p><b>2025 jan 28 23h32.9m</b> A25_01113 643 Scheherezade TYC 1218-01495-1 Diam = 76.1 m = 10.8 m = 15.7</p>  <p>Dur = 4.8s Dmag = 4.9 Sun: 90° Moon: 98°</p>	<p><b>2025 jan 29 0h 4.3m</b> A25_01088 420 Bertholda UCAC4 539-022963 Diam = 146.0 m = 12.3 m = 13.6</p>  <p>Dur = 18.0s Dmag = 1.6 Sun: 142° Moon: 148°</p>	<p><b>2025 jan 29 4h 9.8m</b> A25_01162 1731 Smuts TYC 0268-00517-1 Diam = 56.2 m = 11.3 m = 15.5</p>  <p>Dur = 5.5s Dmag = 4.2 Sun: 144° Moon: 140°</p>

# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 jan 30 20h10.1m</b> A25_01007 20 Massalia TYC 0025-00548-1 Diam = 151.0 m = 10.9 m = 11.1</p>  <p>Dur = 5.1s Dmag = 0.9 Sun: 66° Moon: 50°</p>	<p><b>2025 jan 31 17h24.3m</b> A25_01054 238 Hypatia TYC 0160-00374-1 Diam = 156.0 m = 12.2 m = 12.6</p>  <p>Dur = 15.5s Dmag = 1.0 Sun: 147° Moon: 121°</p>	<p><b>2025 jan 31 18h35.9m</b> A25_01062 247 Eukrate UCAC4 751-037557 Diam = 137.0 m = 12.3 m = 11.7</p>  <p>Dur = 11.9s Dmag = 0.5 Sun: 123° Moon: 102°</p>	<p><b>2025 feb 1 3h27.1m</b> A25_02048 300 Geraldina TYC 1410-00737-1 Diam = 79.1 m = 10.6 m = 14.4</p>  <p>Dur = 5.7s Dmag = 3.8 Sun: 170° Moon: 155°</p>
<p><b>2025 feb 3 20h28.4m</b> A25_02025 109 Felicitas UCAC4 547-003491 Diam = 91.0 m = 12.0 m = 12.9</p>  <p>Dur = 3.3s Dmag = 1.3 Sun: 78° Moon: 9°</p>	<p><b>2025 feb 4 22h48.7m</b> A25_02085 660 Crescentia TYC 0765-01118-1 Diam = 44.2 m = 12.1 m = 13.2</p>  <p>Dur = 3.5s Dmag = 1.4 Sun: 154° Moon: 74°</p>	<p><b>2025 feb 5 0h 8.7m</b> A25_02075 542 Susanna TYC 0786-00621-1 Diam = 43.5 m = 10.1 m = 13.9</p>  <p>Dur = 3.5s Dmag = 3.8 Sun: 157° Moon: 74°</p>	<p><b>2025 feb 5 16h 5.5m</b> A25_02007 14 Irene PPMX 5033212 Diam = 152.4 m = 12.0 m = 10.0</p>  <p>Dur = 28.8s Dmag = 0.2 Sun: 138° Moon: 45°</p>
<p><b>2025 feb 5 16h52.8m</b> A25_02090 679 Pax TYC 1301-00045-1 Diam = 65.5 m = 10.9 m = 12.7</p>  <p>Dur = 6.5s Dmag = 2.0 Sun: 126° Moon: 33°</p>	<p><b>2025 feb 6 2h38.1m</b> A25_02074 542 Susanna PPMX 7107074 Diam = 43.5 m = 12.4 m = 13.9</p>  <p>Dur = 3.5s Dmag = 1.8 Sun: 155° Moon: 59°</p>	<p><b>2025 feb 7 3h 0.8m</b> A25_02047 287 Nephthys TYC 0855-00132-1 Diam = 70.1 m = 11.6 m = 11.7</p>  <p>Dur = 8.4s Dmag = 0.8 Sun: 149° Moon: 97°</p>	<p><b>2025 feb 7 21h52.3m</b> A25_02131 4836 Medon PPMX 5212722 Diam = 52.5 m = 12.3 m = 16.3</p>  <p>Dur = 3.6s Dmag = 4.1 Sun: 147° Moon: 79°</p>
<p><b>2025 feb 7 22h 8.2m</b> A25_02045 284 Amalia PPMX 5892566 Diam = 55.1 m = 15.3 m = 12.4</p>  <p>Dur = 4.3s Dmag = 2.9 Sun: 95° Moon: 29°</p>	<p><b>2025 feb 8 17h17.5m</b> B25_02004 612688 2003UT292 UCAC4 478-026945 Diam = 160.0 m = 12.9 m = 21.6</p>  <p>Dur = 8.7s Dmag = 8.7 Sun: 139° Moon: 24°</p>	<p><b>2025 feb 9 20h21.5m</b> B25_02012 2013XU33 UCAC5 499-003671 Diam = 135.5 m = 15.0 m = 23.4</p>  <p>Dur = 12.3s Dmag = 8.4 Sun: 79° Moon: 69°</p>	<p><b>2025 feb 9 21h59.1m</b> A25_02042 247 Eukrate TYC 3757-01730-1 Diam = 137.0 m = 9.4 m = 11.9</p>  <p>Dur = 10.5s Dmag = 2.6 Sun: 118° Moon: 37°</p>

# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 feb 9 23h30.4m</b> A25_02098 783 Nora TYC 0279–01040–1 Diam = 41.3 m = 10.6 m = 14.7</p> <p>Dur = 4.8s Dmag = 4.1 Sun: 145° Moon: 65°</p>	<p><b>2025 feb 10 2h18.1m</b> A25_02086 664 Judith TYC 0758–01820–1 Diam = 42.3 m = 9.7 m = 16.0</p> <p>Dur = 4.0s Dmag = 6.3 Sun: 137° Moon: 18°</p>	<p><b>2025 feb 10 22h55.3m</b> A25_02095 776 Berbericia UCAC5 565–046394 Diam = 121.3 m = 12.5 m = 12.8</p> <p>Dur = 10.8s Dmag = 0.9 Sun: 137° Moon: 57°</p>	<p><b>2025 feb 12 4h58.5m</b> A25_02036 231 Vindobona UCAC4 517–051049 Diam = 85.1 m = 11.9 m = 13.4</p> <p>Dur = 6.5s Dmag = 1.7 Sun: 171° Moon: 13°</p>
<p><b>2025 feb 12 19h18.3m</b> A25_02061 425 Cornelia UCAC4 530–051719 Diam = 66.8 m = 11.7 m = 13.7</p> <p>Dur = 5.9s Dmag = 2.2 Sun: 168° Moon: 8°</p>	<p><b>2025 feb 13 16h17.9m</b> A25_02094 773 Irmintraud TYC 2349–00891–1 Diam = 99.1 m = 10.6 m = 14.7</p> <p>Dur = 5.9s Dmag = 4.1 Sun: 92° Moon: 99°</p>	<p><b>2025 feb 13 23h33.8m</b> A25_02073 541 Deborah TYC 0812–01164–1 Diam = 59.1 m = 11.0 m = 14.2</p> <p>Dur = 4.6s Dmag = 3.3 Sun: 168° Moon: 27°</p>	<p><b>2025 feb 14 0h38.6m</b> A25_02133 9799 Thronium UCAC4 385–048125 Diam = 52.5 m = 12.1 m = 16.8</p> <p>Dur = 3.0s Dmag = 4.8 Sun: 146° Moon: 43°</p>
<p><b>2025 feb 14 20h36.0m</b> A25_02023 92 Undina TYC 0870–00836–1 Diam = 132.0 m = 11.7 m = 12.0</p> <p>Dur = 10.7s Dmag = 0.9 Sun: 150° Moon: 12°</p>	<p><b>2025 feb 15 19h14.1m</b> A25_02009 19 Fortuna TYC 0645–00271–1 Diam = 149.0 m = 11.8 m = 11.7</p> <p>Dur = 5.2s Dmag = 0.7 Sun: 73° Moon: 143°</p>	<p><b>2025 feb 16 1h34.5m</b> A25_02087 667 Denise TYC 0232–00988–1 Diam = 83.5 m = 10.9 m = 12.7</p> <p>Dur = 5.6s Dmag = 2.0 Sun: 165° Moon: 51°</p>	<p><b>2025 feb 16 21h19.6m</b> A25_02079 593 Titania UCAC4 542–005823 Diam = 78.2 m = 11.9 m = 13.9</p> <p>Dur = 3.5s Dmag = 2.1 Sun: 82° Moon: 146°</p>
<p><b>2025 feb 17 3h 1.4m</b> A25_02026 122 Gerda UCAC4 556–032208 Diam = 86.5 m = 12.2 m = 13.1</p> <p>Dur = 23.0s Dmag = 1.3 Sun: 131° Moon: 100°</p>	<p><b>2025 feb 17 16h21.7m</b> A25_02076 542 Susanna HIP 36771 Diam = 43.5 m = 7.7 m = 14.1</p> <p>Dur = 4.5s Dmag = 6.4 Sun: 143° Moon: 92°</p>	<p><b>2025 feb 18 19h 1.3m</b> A25_02005 10 Hygiea TYC 0629–00146–1 Diam = 429.0 m = 11.5 m = 11.9</p> <p>Dur = 15.0s Dmag = 1.0 Sun: 61° Moon: 173°</p>	<p><b>2025 feb 19 3h15.3m</b> A25_02024 108 Hecuba UCAC5 469–043080 Diam = 67.0 m = 12.5 m = 12.7</p> <p>Dur = 6.3s Dmag = 0.9 Sun: 158° Moon: 51°</p>

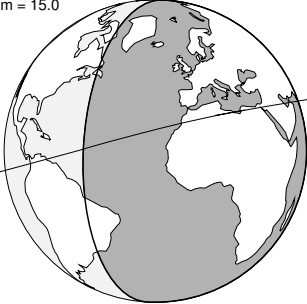
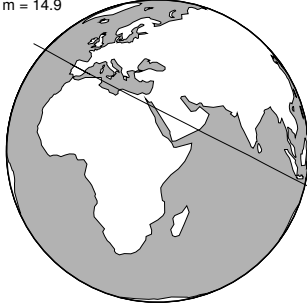
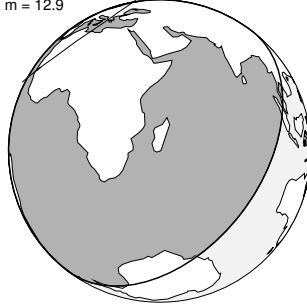
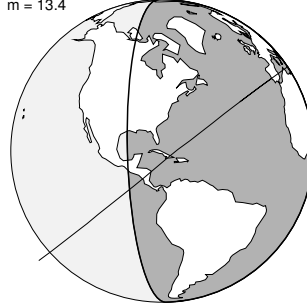
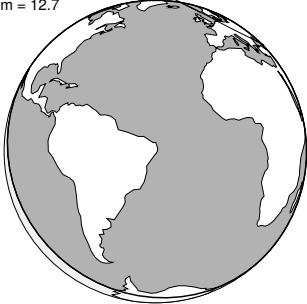
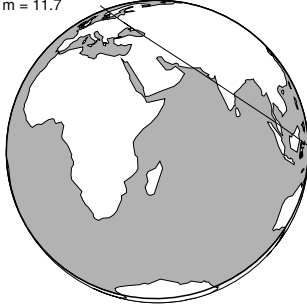
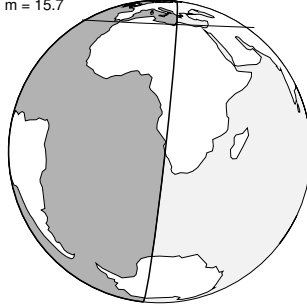
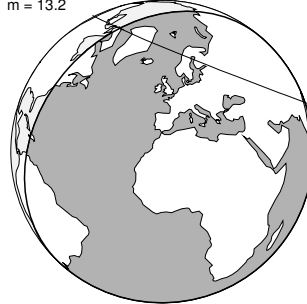
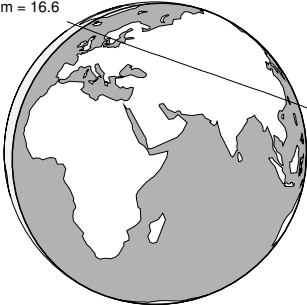
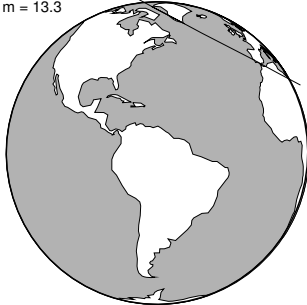
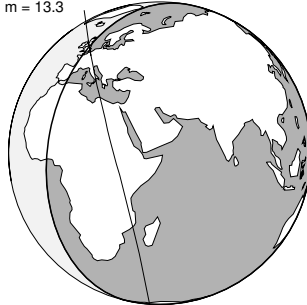
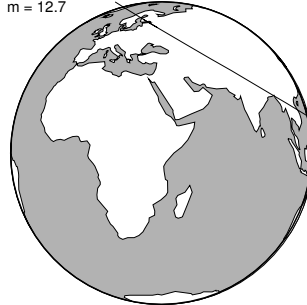
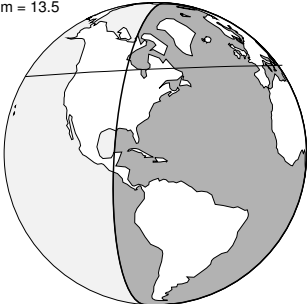
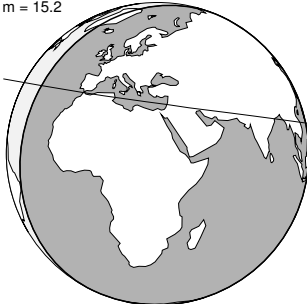
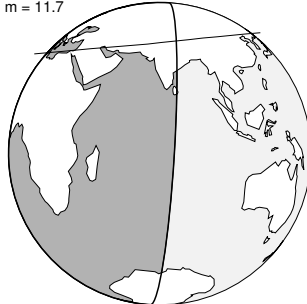
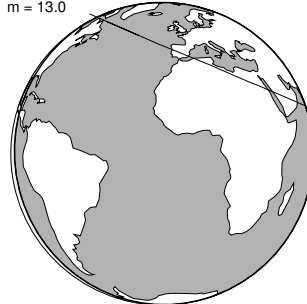
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 feb 19 22h17.2m</b> A25_02008 15 Eunomia UCAC4 580-013990 Diam = 272.0 m = 11.6 m = 9.6</p> <p>Dur = 24.4s Dmag = 0.2 Sun: 107° Moon: 154°</p>	<p><b>2025 feb 20 19h 1.9m</b> A25_02101 903 Nealley TYC 0658-00556-1 Diam = 65.7 m = 11.1 m = 15.6</p> <p>Dur = 3.5s Dmag = 4.5 Sun: 86° Moon: 163°</p>	<p><b>2025 feb 21 0h47.8m</b> A25_02013 24 Themis PPMX 7223972 Diam = 160.0 m = 12.3 m = 10.8</p> <p>Dur = 14.4s Dmag = 0.2 Sun: 173° Moon: 87°</p>	<p><b>2025 feb 21 18h 6.3m</b> A25_02010 19 Fortuna TYC 0646-00202-1 Diam = 149.0 m = 11.8</p> <p>Dur = 4.9s Dmag = 2.2 Sun: 70° Moon: 148°</p>
<p><b>2025 feb 22 4h39.0m</b> B25_02009 2001KL76 UCAC4 335-126874 Diam = 199.5 m = 14.3 m = 23.5</p> <p>Dur = 11.5s Dmag = 9.3 Sun: 64° Moon: 10°</p>	<p><b>2025 feb 22 16h34.5m</b> A25_02067 495 Eulalia TYC 1338-00629-1 Diam = 41.7 m = 8.7 m = 14.8</p> <p>Dur = 27.7s Dmag = 6.2 Sun: 126° Moon: 164°</p>	<p><b>2025 feb 22 20h42.0m</b> A25_02022 81 Terpsichore TYC 1953-01983-1 Diam = 124.0 m = 11.8 m = 12.5</p> <p>Dur = 12.6s Dmag = 1.2 Sun: 155° Moon: 137°</p>	<p><b>2025 feb 23 16h31.0m</b> A25_02124 2326 Tololo UCAC4 504-035278 Diam = 45.6 m = 11.3 m = 15.5</p> <p>Dur = 5.8s Dmag = 4.2 Sun: 129° Moon: 162°</p>
<p><b>2025 feb 24 19h43.6m</b> A25_02011 19 Fortuna TYC 1223-01722-1 Diam = 149.0 m = 10.2 m = 11.8</p> <p>Dur = 4.8s Dmag = 1.8 Sun: 68° Moon: 110°</p>	<p><b>2025 feb 26 0h20.6m</b> A25_02059 407 Arachne TYC 5532-00819-1 Diam = 97.0 m = 10.1 m = 13.3</p> <p>Dur = 11.2s Dmag = 3.2 Sun: 144° Moon: 118°</p>	<p><b>2025 feb 26 3h48.5m</b> A25_02128 2765 Dinant PPMX 3093467 Diam = 46.6 m = 12.4 m = 17.0</p> <p>Dur = 5.8s Dmag = 4.6 Sun: 117° Moon: 143°</p>	<p><b>2025 feb 26 23h16.7m</b> A25_02078 578 Happelia UCAC4 595-015702 Diam = 71.6 m = 12.2 m = 15.0</p> <p>Dur = 7.5s Dmag = 2.9 Sun: 98° Moon: 113°</p>
<p><b>2025 feb 27 3h11.5m</b> A25_02103 978 Aidamina UCAC4 368-075817 Diam = 82.5 m = 12.4 m = 15.8</p> <p>Dur = 5.5s Dmag = 3.5 Sun: 93° Moon: 82°</p>	<p><b>2025 feb 27 4h15.5m</b> A25_02035 230 Athamantis TYC 6263-00216-1 Diam = 125.0 m = 11.2 m = 12.4</p> <p>Dur = 4.2s Dmag = 1.5 Sun: 67° Moon: 56°</p>	<p><b>2025 feb 27 5h 5.8m</b> A25_02081 598 Octavia UCAC4 559-050363 Diam = 74.7 m = 11.4 m = 14.2</p> <p>Dur = 4.9s Dmag = 2.9 Sun: 162° Moon: 159°</p>	<p><b>2025 mar 2 17h22.9m</b> A25_03181 7641 Cteatus UCAC5 357-035369 Diam = 57.5 m = 12.5 m = 16.5</p> <p>Dur = 4.4s Dmag = 4.1 Sun: 127° Moon: 102°</p>

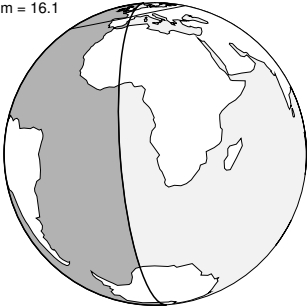
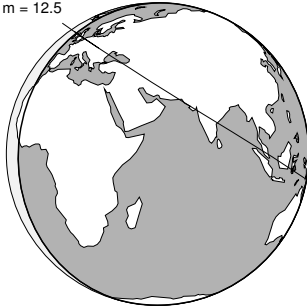
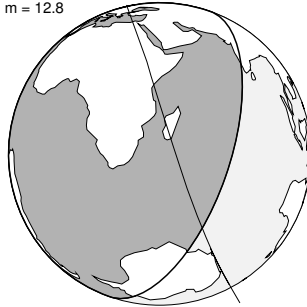
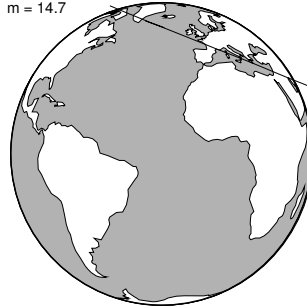
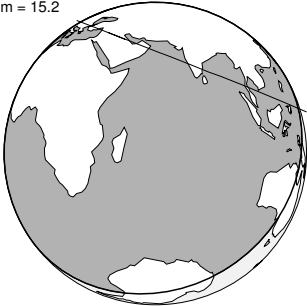
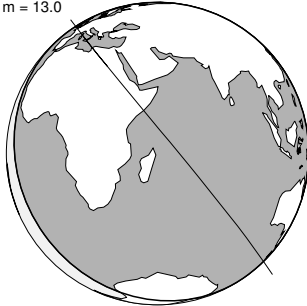
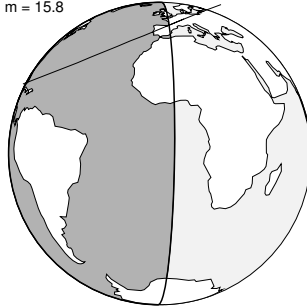
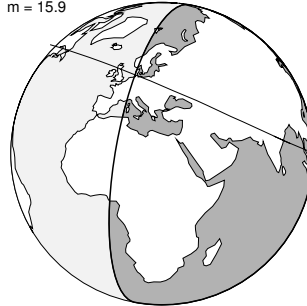
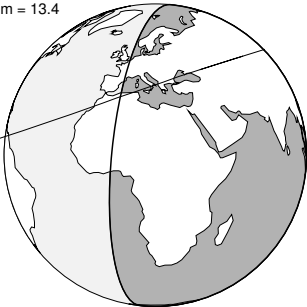
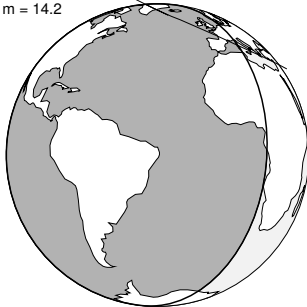
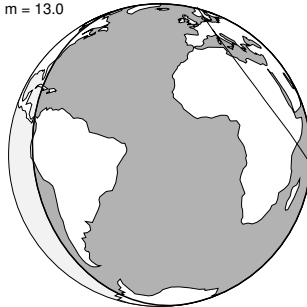
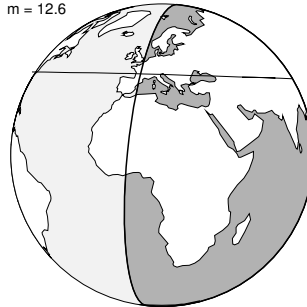
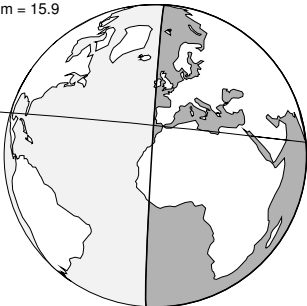
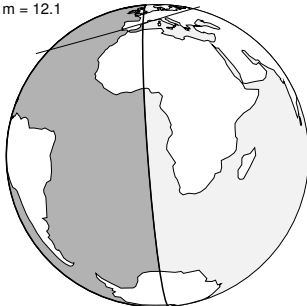
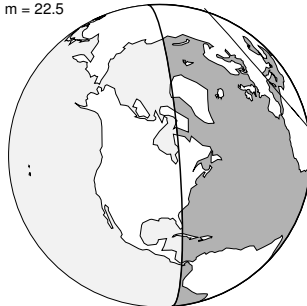
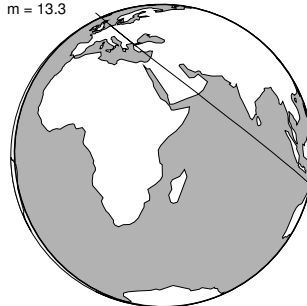
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 mar 2 21h28.1m</b> A25_03102 495 Eulalia UCAC4 552-031736 Diam = 41.7 m = 12.2 m = 15.0</p>  <p>Dur = 9.7s Dmag = 2.9 Sun: 118° Moon: 79°</p>	<p><b>2025 mar 2 21h29.7m</b> A25_03174 1731 Smuts PPMX 7224780 Diam = 56.2 m = 12.3 m = 14.9</p>  <p>Dur = 3.7s Dmag = 2.7 Sun: 176° Moon: 137°</p>	<p><b>2025 mar 2 23h29.4m</b> A25_03098 476 Hedwig UCAC4 326-067734 Diam = 121.0 m = 12.3 m = 12.9</p>  <p>Dur = 21.5s Dmag = 1.1 Sun: 132° Moon: 166°</p>	<p><b>2025 mar 4 0h14.3m</b> A25_03127 679 Pax UCAC4 564-019303 Diam = 65.5 m = 12.0 m = 13.4</p>  <p>Dur = 4.7s Dmag = 1.7 Sun: 103° Moon: 49°</p>
<p><b>2025 mar 4 1h45.9m</b> A25_03033 95 Arethusa UCAC4 408-052409 Diam = 145.0 m = 11.8 m = 12.7</p>  <p>Dur = 10.2s Dmag = 1.3 Sun: 160° Moon: 118°</p>	<p><b>2025 mar 7 21h12.4m</b> A25_03079 345 Tercidina TYC 5509-01274-1 Diam = 100.0 m = 12.1 m = 11.7</p>  <p>Dur = 9.6s Dmag = 0.6 Sun: 165° Moon: 85°</p>	<p><b>2025 mar 8 5h 0.4m</b> A25_03134 764 Gedania TYC 6814-01562-1 Diam = 60.5 m = 10.1 m = 15.7</p>  <p>Dur = 4.4s Dmag = 5.5 Sun: 92° Moon: 159°</p>	<p><b>2025 mar 9 22h54.1m</b> A25_03089 412 Elisabetha HIP 47553 Diam = 93.0 m = 8.1 m = 13.2</p>  <p>Dur = 11.2s Dmag = 5.1 Sun: 146° Moon: 21°</p>
<p><b>2025 mar 12 19h48.6m</b> A25_03179 3148 Grechko TYC 0840-01020-1 Diam = 51.5 m = 11.6 m = 16.6</p>  <p>Dur = 4.2s Dmag = 5.0 Sun: 159° Moon: 4°</p>	<p><b>2025 mar 13 4h50.0m</b> A25_03081 358 Apollonia UCAC4 453-052885 Diam = 91.8 m = 10.8 m = 13.3</p>  <p>Dur = 7.0s Dmag = 2.5 Sun: 172° Moon: 19°</p>	<p><b>2025 mar 14 18h 2.9m</b> A25_03123 667 Denise TYC 0817-00936-1 Diam = 83.5 m = 12.1 m = 13.3</p>  <p>Dur = 7.8s Dmag = 1.5 Sun: 137° Moon: 47°</p>	<p><b>2025 mar 14 22h 9.0m</b> A25_03048 125 Liberatrix TYC 0281-00992-1 Diam = 47.5 m = 11.1 m = 12.7</p>  <p>Dur = 4.0s Dmag = 1.9 Sun: 171° Moon: 2°</p>
<p><b>2025 mar 15 0h 5.8m</b> A25_03043 122 Gerda UCAC4 558-033347 Diam = 86.5 m = 12.5 m = 13.5</p>  <p>Dur = 11.4s Dmag = 1.4 Sun: 105° Moon: 82°</p>	<p><b>2025 mar 15 20h26.2m</b> A25_03168 1308 Halleria UCAC4 523-051986 Diam = 45.0 m = 12.0 m = 15.2</p>  <p>Dur = 4.6s Dmag = 3.2 Sun: 152° Moon: 45°</p>	<p><b>2025 mar 16 0h44.1m</b> A25_03002 5 Astraea UCAC5 365-081424 Diam = 125.0 m = 12.4 m = 11.7</p>  <p>Dur = 9.3s Dmag = 0.5 Sun: 95° Moon: 66°</p>	<p><b>2025 mar 17 0h12.4m</b> A25_03126 678 Fredegundis TYC 4917-01394-1 Diam = 44.0 m = 12.1 m = 13.0</p>  <p>Dur = 3.4s Dmag = 1.3 Sun: 166° Moon: 40°</p>

# Occultations by major and minor planets – 2025

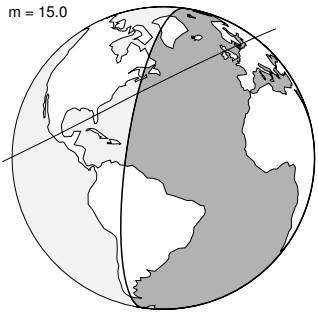
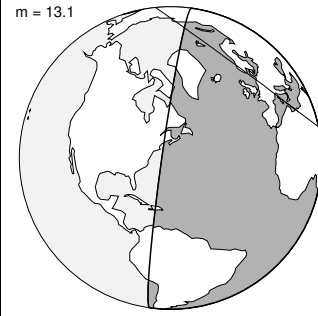
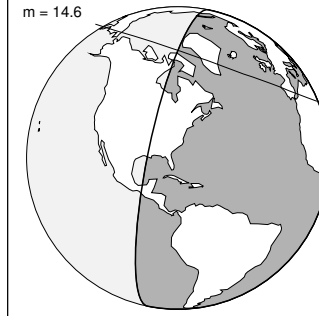
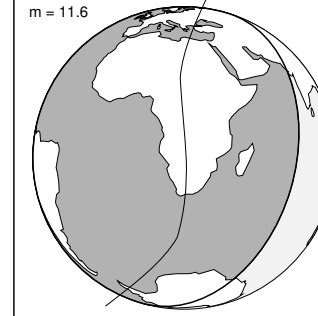
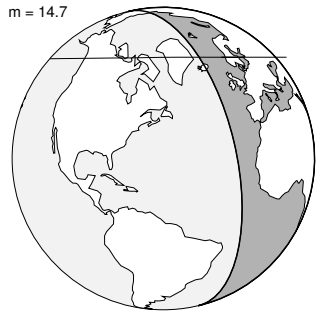
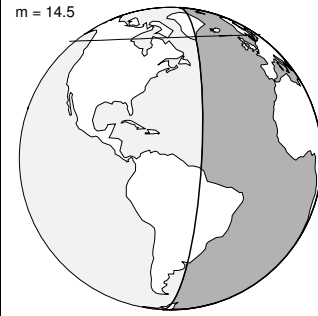
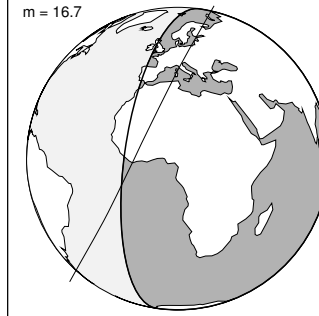
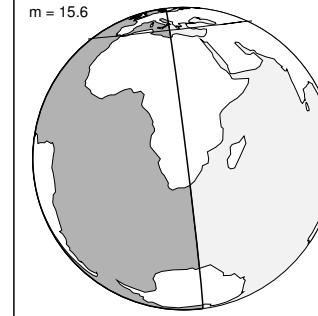

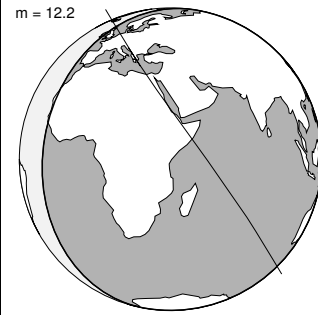
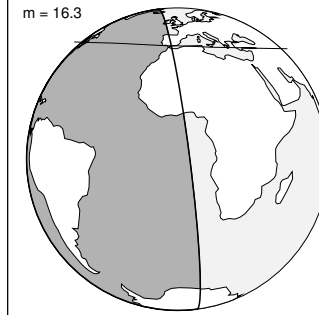
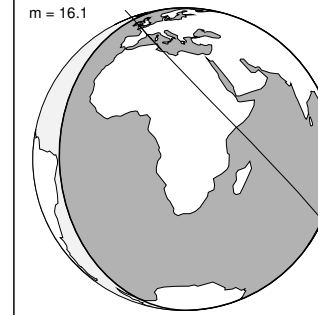
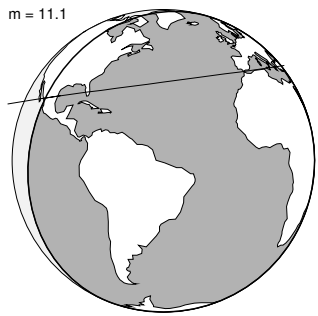
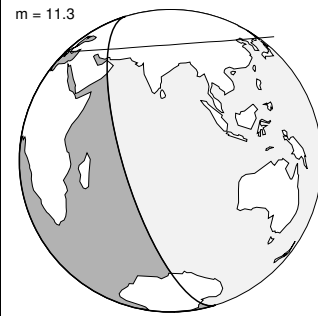
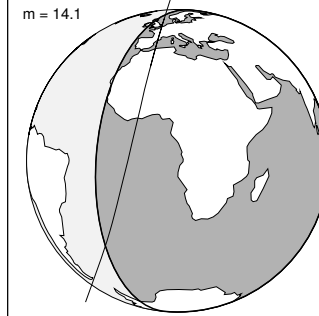
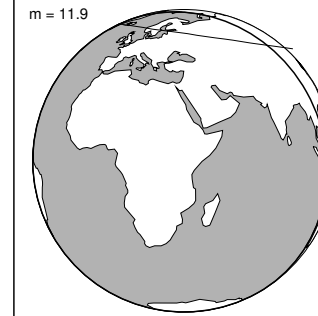
# Region 3

<p><b>2025 mar 17 6h 9.4m</b> A25_03152 1001 Gaussia UCAC5 339–148398 Diam = 78.3 m = 12.5 m = 16.1</p>  <p>Dur = 3.5s Dmag = 3.7 Sun: 76° Moon: 71°</p>	<p><b>2025 mar 17 18h51.2m</b> A25_03040 119 Althaea UCAC4 472–043690 Diam = 60.7 m = 12.2 m = 12.5</p>  <p>Dur = 5.6s Dmag = 0.9 Sun: 156° Moon: 60°</p>	<p><b>2025 mar 18 1h 7.2m</b> A25_03034 101 Helena TYC 7327–01627–1 Diam = 68.3 m = 10.9 m = 12.8</p>  <p>Dur = 9.7s Dmag = 2.0 Sun: 117° Moon: 22°</p>	<p><b>2025 mar 18 2h17.7m</b> A25_03159 1162 Larissa UCAC4 449–052738 Diam = 56.8 m = 12.2 m = 14.7</p>  <p>Dur = 4.1s Dmag = 2.6 Sun: 173° Moon: 35°</p>
<p><b>2025 mar 20 20h58.0m</b> A25_03172 1596 Itzigsohn UCAC4 337–066012 Diam = 51.1 m = 10.1 m = 15.2</p>  <p>Dur = 4.2s Dmag = 5.2 Sun: 153° Moon: 50°</p>	<p><b>2025 mar 21 19h29.2m</b> A25_03074 276 Adelheid TYC 5505–00806–1 Diam = 127.0 m = 11.5 m = 13.0</p>  <p>Dur = 8.9s Dmag = 1.8 Sun: 157° Moon: 92°</p>	<p><b>2025 mar 22 6h 8.2m</b> A25_03154 1023 Thomana UCAC5 378–090556 Diam = 60.2 m = 12.4 m = 15.8</p>  <p>Dur = 4.4s Dmag = 3.5 Sun: 95° Moon: 15°</p>	<p><b>2025 mar 24 17h42.6m</b> A25_03169 1332 Marconia UCAC4 572–040839 Diam = 49.5 m = 12.4 m = 15.9</p>  <p>Dur = 8.0s Dmag = 3.6 Sun: 107° Moon: 171°</p>
<p><b>2025 mar 24 18h 3.7m</b> A25_03064 233 Asterope TYC 0772–00448–1 Diam = 108.0 m = 12.3 m = 13.4</p>  <p>Dur = 13.6s Dmag = 1.4 Sun: 106° Moon: 163°</p>	<p><b>2025 mar 25 5h22.6m</b> A25_03162 1248 Jugurtha TYC 5580–00187–1 Diam = 47.9 m = 11.1 m = 14.2</p>  <p>Dur = 10.8s Dmag = 3.1 Sun: 136° Moon: 81°</p>	<p><b>2025 mar 25 23h23.0m</b> A25_03094 456 Abnoba UCAC4 402–049001 Diam = 43.1 m = 11.9 m = 13.0</p>  <p>Dur = 4.4s Dmag = 1.5 Sun: 146° Moon: 150°</p>	<p><b>2025 mar 26 18h10.1m</b> A25_03125 675 Ludmilla TYC 0775–00063–1 Diam = 109.1 m = 11.9 m = 12.6</p>  <p>Dur = 9.5s Dmag = 1.2 Sun: 103° Moon: 139°</p>
<p><b>2025 mar 26 18h54.2m</b> A25_03101 492 Gismonda UCAC5 575–028215 Diam = 54.0 m = 12.5 m = 15.9</p>  <p>Dur = 3.9s Dmag = 3.5 Sun: 91° Moon: 128°</p>	<p><b>2025 mar 27 5h52.6m</b> A25_03063 230 Athamantis UCAC4 350–155131 Diam = 125.0 m = 12.0 m = 12.1</p>  <p>Dur = 6.2s Dmag = 0.8 Sun: 86° Moon: 56°</p>	<p><b>2025 mar 28 23h31.9m</b> A25_03183 613619 2006UX184 PPMX 1414976 Diam = 71.1 m = 12.2 m = 22.5</p>  <p>Dur = 4.3s Dmag = 10.3 Sun: 82° Moon: 88°</p>	<p><b>2025 mar 30 20h31.3m</b> A25_03056 205 Martha TYC 4937–00529–1 Diam = 83.5 m = 12.2 m = 13.3</p>  <p>Dur = 6.5s Dmag = 1.4 Sun: 166° Moon: 150°</p>



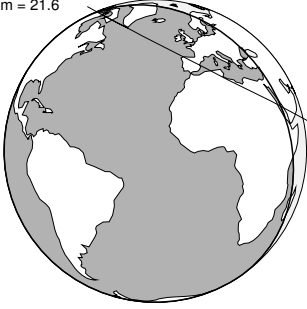
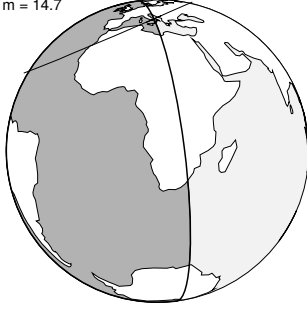
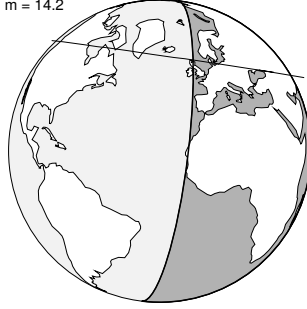
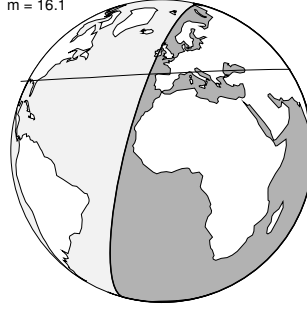
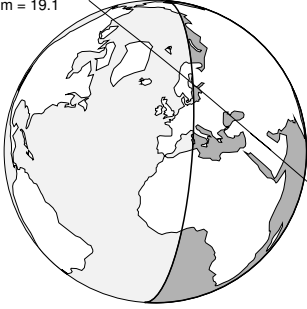
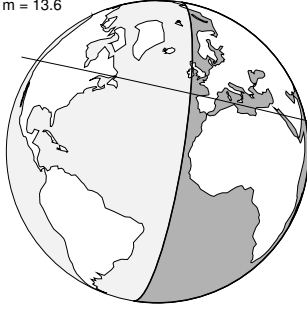
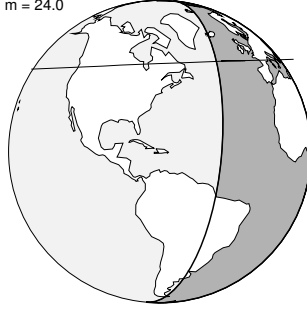
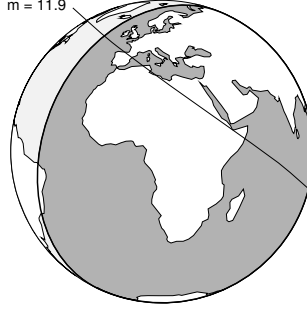
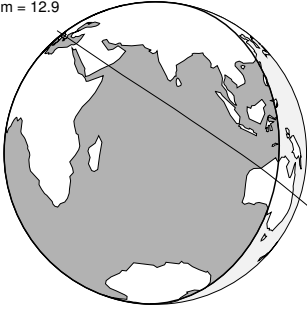
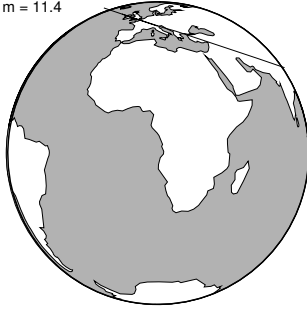
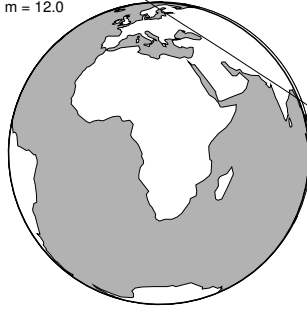
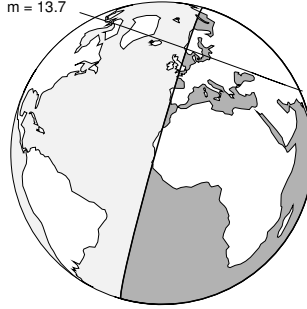
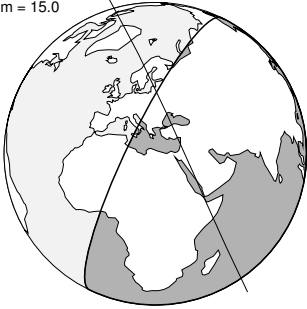
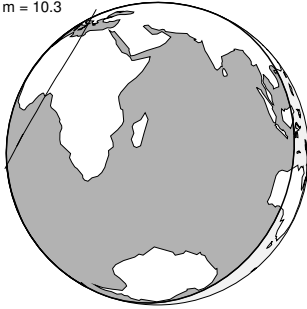
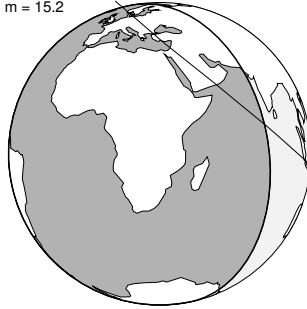
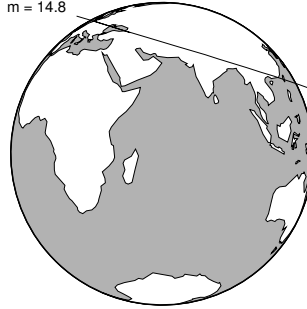
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 mar 30 22h31.6m</b> A25_03078 339 Dorothea TYC 0790–01148–1 Diam = 43.7 m = 11.3 m = 15.0</p>  <p>Dur = 4.9s Dmag = 3.8 Sun: 104° Moon: 84°</p>	<p><b>2025 mar 30 22h55.4m</b> A25_03022 36 Atalante UCAC5 644–038994 Diam = 109.0 m = 12.4 m = 13.1</p>  <p>Dur = 5.3s Dmag = 1.2 Sun: 93° Moon: 72°</p>	<p><b>2025 mar 31 0h21.3m</b> A25_03065 237 Coelestina UCAC4 599–042001 Diam = 44.0 m = 11.6 m = 14.6</p>  <p>Dur = 4.9s Dmag = 3.1 Sun: 101° Moon: 79°</p>	<p><b>2025 mar 31 1h20.2m</b> A25_03093 419 Aurelia UCAC4 350–074525 Diam = 133.0 m = 12.2 m = 11.6</p>  <p>Dur = 131.6s Dmag = 0.5 Sun: 137° Moon: 160°</p>
<p><b>2025 mar 31 19h51.6m</b> A25_03084 366 Vincentina UCAC4 608–014869 Diam = 98.1 m = 11.5 m = 14.7</p>  <p>Dur = 3.2s Dmag = 3.3 Sun: 61° Moon: 28°</p>	<p><b>2025 apr 1 21h34.1m</b> A25_04101 914 Palisana UCAC4 495–017645 Diam = 79.0 m = 12.3 m = 14.5</p>  <p>Dur = 4.1s Dmag = 2.4 Sun: 78° Moon: 35°</p>	<p><b>2025 apr 2 18h50.3m</b> A25_04133 4068 Menestheus UCAC5 482–041078 Diam = 55.0 m = 12.4 m = 16.7</p>  <p>Dur = 6.0s Dmag = 4.2 Sun: 110° Moon: 54°</p>	<p><b>2025 apr 7 4h28.0m</b> A25_04074 551 Ortrud TYC 6874–00293–1 Diam = 81.2 m = 11.4 m = 15.6</p>  <p>Dur = 5.5s Dmag = 4.2 Sun: 91° Moon: 154°</p>
<p><b>2025 apr 8 18h24.7m</b> A25_04068 508 Princetonia UCAC4 617–023338 Diam = 147.0 m = 11.3 m = 14.4</p>  <p>Dur = 5.2s Dmag = 3.1 Sun: 64° Moon: 69°</p>	<p><b>2025 apr 9 19h13.8m</b> A25_04053 345 Tercidina PPMX 9445234 Diam = 100.0 m = 12.3 m = 12.2</p>  <p>Dur = 12.6s Dmag = 0.7 Sun: 147° Moon: 10°</p>	<p><b>2025 apr 10 5h55.0m</b> A25_04125 1963 Bezovec TYC 5715–00282–1 Diam = 46.5 m = 10.9 m = 16.3</p>  <p>Dur = 4.3s Dmag = 5.4 Sun: 94° Moon: 115°</p>	<p><b>2025 apr 11 20h 9.8m</b> A25_04127 2152 Hannibal TYC 5506–00521–1 Diam = 49.0 m = 10.8 m = 16.1</p>  <p>Dur = 3.9s Dmag = 5.4 Sun: 145° Moon: 24°</p>
<p><b>2025 apr 14 1h21.0m</b> A25_04031 139 Juewa UCAC4 450–051738 Diam = 164.0 m = 11.6 m = 11.1</p>  <p>Dur = 23.5s Dmag = 0.5 Sun: 151° Moon: 39°</p>	<p><b>2025 apr 15 1h56.8m</b> A25_04069 532 Herculina HIP 103997 Diam = 216.5 m = 8.1 m = 11.3</p>  <p>Dur = 8.7s Dmag = 3.2 Sun: 71° Moon: 86°</p>	<p><b>2025 apr 15 19h19.1m</b> A25_04077 568 Chersukia TYC 5469–01166–1 Diam = 89.7 m = 12.2 m = 14.1</p>  <p>Dur = 10.3s Dmag = 2.1 Sun: 122° Moon: 83°</p>	<p><b>2025 apr 15 22h51.8m</b> A25_04054 347 Pariana UCAC4 452–055320 Diam = 96.4 m = 11.6 m = 11.9</p>  <p>Dur = 11.7s Dmag = 0.9 Sun: 158° Moon: 27°</p>

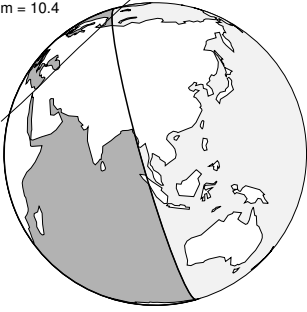
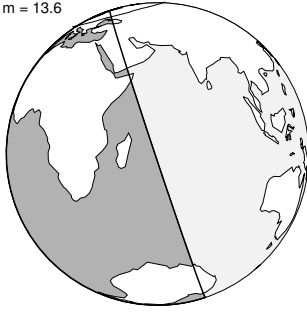
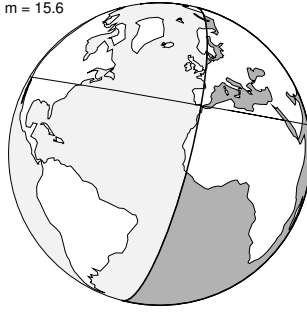
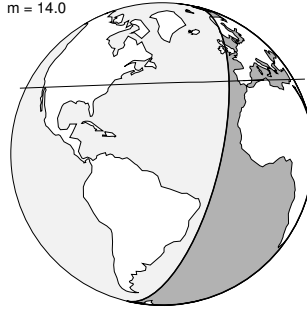
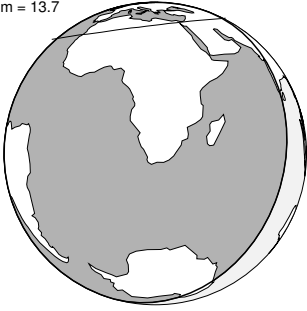
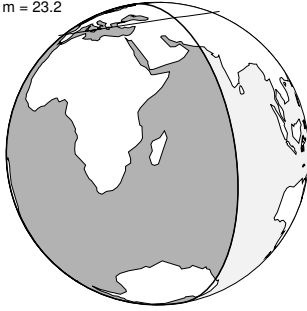
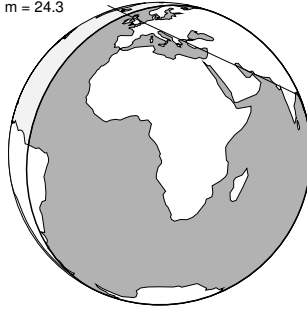
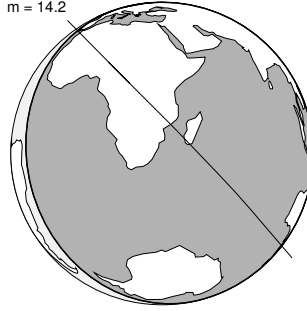
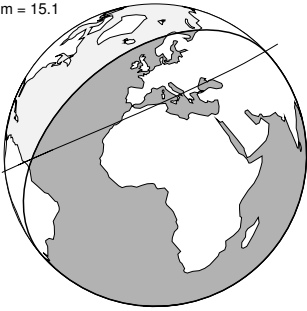
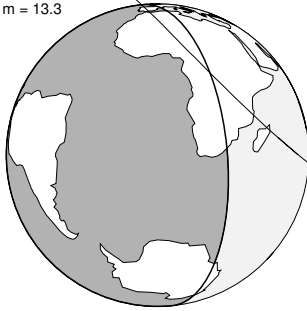
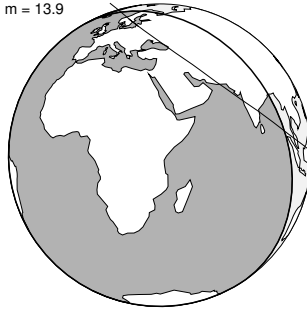
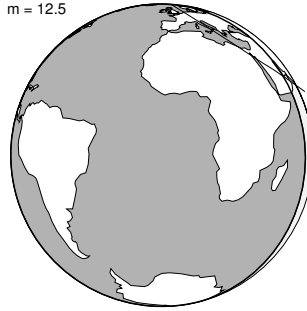
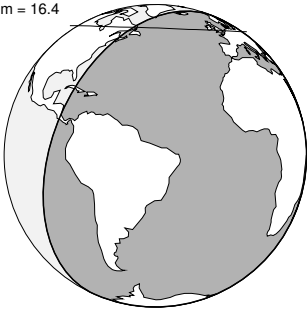
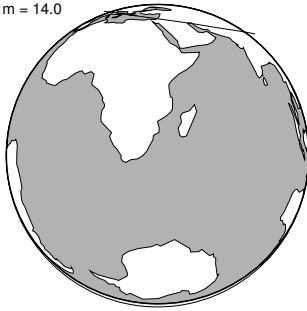
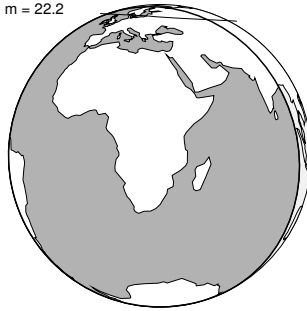
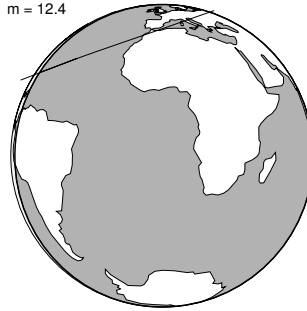
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 apr 16 3h 8.0m</b> B25_04012 2009JE19 UCAC4 478-057462 Diam = 173.0 m = 14.8 m = 21.6</p>  <p>Dur = 7.8s Dmag = 6.8 Sun: 151° Moon: 31°</p>	<p><b>2025 apr 16 4h20.6m</b> A25_04089 701 Oriola TYC 6291-00636-1 Diam = 46.0 m = 11.4 m = 14.7</p>  <p>Dur = 3.9s Dmag = 3.3 Sun: 100° Moon: 46°</p>	<p><b>2025 apr 16 19h19.6m</b> A25_04033 184 Dejopeja UCAC4 565-036646 Diam = 68.2 m = 12.4 m = 14.2</p>  <p>Dur = 3.2s Dmag = 2.0 Sun: 79° Moon: 142°</p>	<p><b>2025 apr 17 19h30.2m</b> A25_04113 1200 Imperatrix TYC 0816-02010-1 Diam = 42.0 m = 11.2 m = 16.1</p>  <p>Dur = 5.3s Dmag = 4.9 Sun: 103° Moon: 128°</p>
<p><b>2025 apr 20 18h 3.6m</b> B25_04001 54598 Bienor UCAC4 639-039104 Diam = 134.9 m = 14.4 m = 19.1</p>  <p>Dur = 7.3s Dmag = 4.7 Sun: 75° Moon: 165°</p>	<p><b>2025 apr 21 19h34.7m</b> A25_04021 77 Frigga TYC 1911-00434-1 Diam = 71.0 m = 10.0 m = 13.6</p>  <p>Dur = 3.1s Dmag = 3.6 Sun: 80° Moon: 161°</p>	<p><b>2025 apr 21 21h19.2m</b> B25_04002 69990 1998WU31 UCAC4 545-029318 Diam = 96.4 m = 13.3 m = 24.0</p>  <p>Dur = 5.7s Dmag = 10.7 Sun: 65° Moon: 145°</p>	<p><b>2025 apr 22 20h33.0m</b> A25_04012 48 Doris TYC 0274-00309-1 Diam = 219.0 m = 10.1 m = 11.9</p>  <p>Dur = 29.3s Dmag = 2.0 Sun: 141° Moon: 150°</p>
<p><b>2025 apr 22 21h34.8m</b> A25_04062 478 Tergeste UCAC4 348-082362 Diam = 82.0 m = 12.3 m = 12.9</p>  <p>Dur = 8.8s Dmag = 1.1 Sun: 144° Moon: 77°</p>	<p><b>2025 apr 23 22h39.9m</b> A25_04011 37 Fides UCAC4 393-057431 Diam = 112.0 m = 12.1 m = 11.4</p>  <p>Dur = 8.5s Dmag = 0.4 Sun: 172° Moon: 134°</p>	<p><b>2025 apr 24 23h14.6m</b> A25_04016 57 Mnemosyne UCAC4 411-058619 Diam = 116.0 m = 11.8 m = 12.0</p>  <p>Dur = 7.6s Dmag = 0.9 Sun: 169° Moon: 132°</p>	<p><b>2025 apr 27 19h19.8m</b> A25_04030 135 Hertha UCAC4 542-046621 Diam = 82.0 m = 12.4 m = 13.7</p>  <p>Dur = 6.4s Dmag = 1.6 Sun: 92° Moon: 92°</p>
<p><b>2025 may 3 17h53.4m</b> A25_05130 1323 Tugela TYC 2510-01162-1 Diam = 60.1 m = 10.6 m = 15.0</p>  <p>Dur = 3.9s Dmag = 4.4 Sun: 100° Moon: 25°</p>	<p><b>2025 may 4 22h 6.3m</b> A25_05059 344 Desiderata HIP 81050 Diam = 138.0 m = 7.8 m = 10.3</p>  <p>Dur = 15.3s Dmag = 2.6 Sun: 152° Moon: 113°</p>	<p><b>2025 may 5 0h55.8m</b> A25_05115 1023 Thomana TYC 5669-01279-1 Diam = 60.2 m = 11.4 m = 15.2</p>  <p>Dur = 8.0s Dmag = 3.8 Sun: 135° Moon: 126°</p>	<p><b>2025 may 5 20h 6.6m</b> A25_05119 1082 Pirola TYC 5591-00652-1 Diam = 47.0 m = 11.9 m = 14.8</p>  <p>Dur = 3.5s Dmag = 3.0 Sun: 177° Moon: 77°</p>

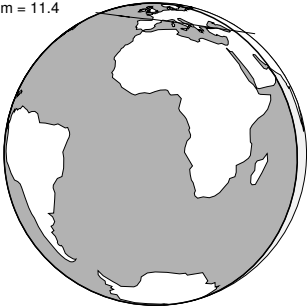
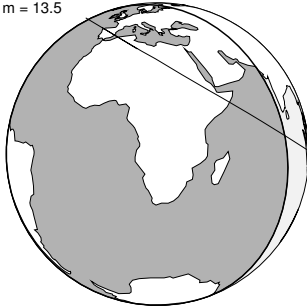
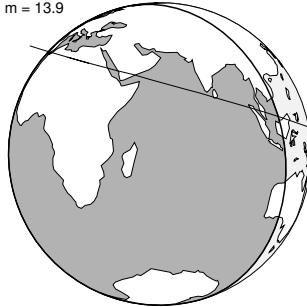
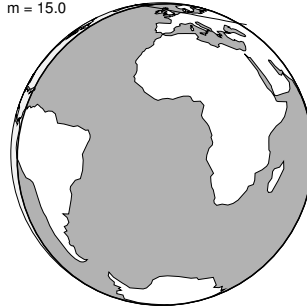
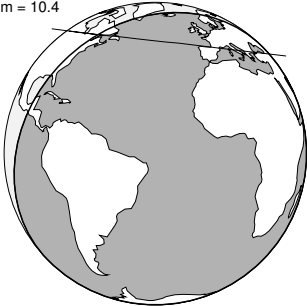
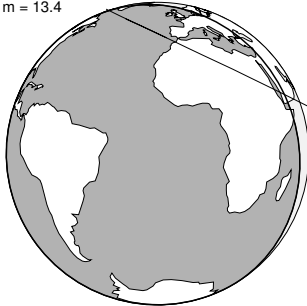
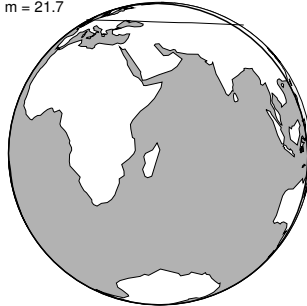
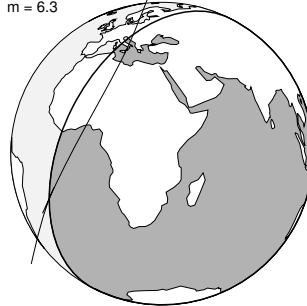
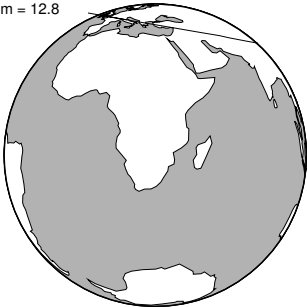
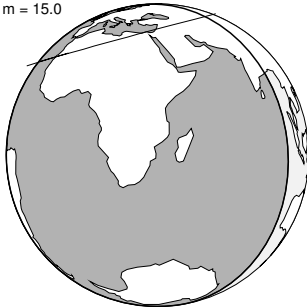
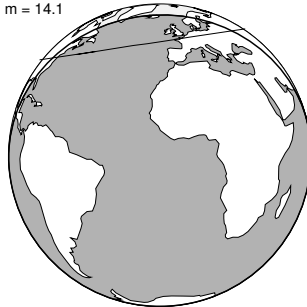
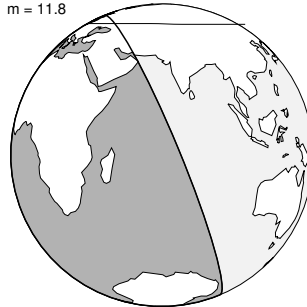
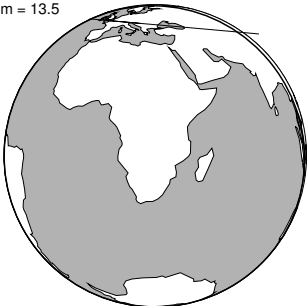
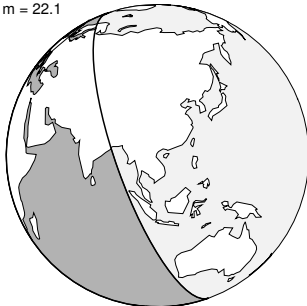

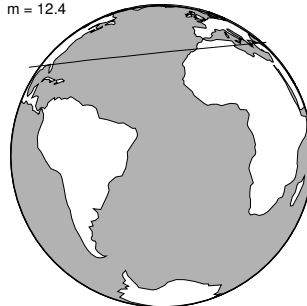
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 may 5 23h19.8m</b> A25_05001 2 Pallas UCAC4 516-137092 Diam = 530.9 m = 12.4 m = 10.4</p>  <p>Dur = 31.8s Dmag = 0.2 Sun: 84° Moon: 148°</p>	<p><b>2025 may 7 2h24.7m</b> A25_05046 224 Oceana UCAC4 347-188930 Diam = 79.8 m = 11.9 m = 13.6</p>  <p>Dur = 4.4s Dmag = 1.9 Sun: 89° Moon: 152°</p>	<p><b>2025 may 7 19h14.9m</b> A25_05080 538 Friederike UCAC4 545-046493 Diam = 77.8 m = 11.6 m = 15.6</p>  <p>Dur = 3.8s Dmag = 4.1 Sun: 78° Moon: 48°</p>	<p><b>2025 may 7 19h52.9m</b> A25_05049 238 Hypatia UCAC5 513-039729 Diam = 156.0 m = 12.5 m = 14.0</p>  <p>Dur = 5.4s Dmag = 1.7 Sun: 67° Moon: 61°</p>
<p><b>2025 may 8 0h33.9m</b> A25_05086 577 Rhea UCAC4 297-109498 Diam = 44.2 m = 10.0 m = 13.7</p>  <p>Dur = 6.7s Dmag = 3.8 Sun: 148° Moon: 82°</p>	<p><b>2025 may 13 1h 2.6m</b> A25_05158 2022LP16 TYC 6310-02181-1 Diam = 187.1 m = 10.1 m = 23.2</p>  <p>Dur = 18.3s Dmag = 13.0 Sun: 120° Moon: 56°</p>	<p><b>2025 may 13 21h 3.6m</b> B25_05015 2022GV6 PPMX 10470381 Diam = 101.9 m = 13.2 m = 24.3</p>  <p>Dur = 5.1s Dmag = 11.2 Sun: 149° Moon: 44°</p>	<p><b>2025 may 18 19h49.1m</b> A25_05107 777 Gutemberga TYC 6728-00284-1 Diam = 68.7 m = 9.8 m = 14.2</p>  <p>Dur = 6.6s Dmag = 4.3 Sun: 153° Moon: 90°</p>
<p><b>2025 may 18 21h30.8m</b> A25_05125 1191 Alfaterna TYC 1459-00012-1 Diam = 45.6 m = 11.5 m = 15.1</p>  <p>Dur = 6.8s Dmag = 3.6 Sun: 131° Moon: 112°</p>	<p><b>2025 may 19 4h35.9m</b> A25_05022 99 Dike TYC 7454-00650-1 Diam = 54.2 m = 12.4 m = 13.3</p>  <p>Dur = 6.0s Dmag = 1.3 Sun: 117° Moon: 18°</p>	<p><b>2025 may 21 23h30.9m</b> A25_05088 619 Triberga UCAC4 435-074801 Diam = 42.7 m = 11.9 m = 13.9</p>  <p>Dur = 4.7s Dmag = 2.1 Sun: 145° Moon: 81°</p>	<p><b>2025 may 23 1h51.3m</b> A25_05042 188 Menippe TYC 6241-00102-1 Diam = 41.3 m = 11.3 m = 12.5</p>  <p>Dur = 4.5s Dmag = 1.5 Sun: 161° Moon: 105°</p>
<p><b>2025 may 25 23h50.8m</b> A25_05118 1072 Malva TYC 4963-00828-1 Diam = 46.5 m = 11.8 m = 16.4</p>  <p>Dur = 6.8s Dmag = 4.6 Sun: 132° Moon: 149°</p>	<p><b>2025 may 26 21h36.6m</b> A25_05055 325 Heidelberga UCAC4 285-088911 Diam = 78.0 m = 12.1 m = 14.0</p>  <p>Dur = 5.2s Dmag = 2.0 Sun: 168° Moon: 171°</p>	<p><b>2025 may 26 23h34.8m</b> B25_05010 533398 2014GA54 UCAC4 388-087229 Diam = 149.3 m = 13.7 m = 22.2</p>  <p>Dur = 7.0s Dmag = 8.5 Sun: 155° Moon: 151°</p>	<p><b>2025 may 27 23h 3.8m</b> A25_05122 1093 Freda TYC 6183-01018-1 Diam = 120.0 m = 11.1 m = 12.4</p>  <p>Dur = 8.4s Dmag = 1.6 Sun: 166° Moon: 155°</p>

# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 may 29 1h24.3m</b> A25_05035 124 Alkeste UCAC4 357-115837 Diam = 79.5 m = 11.2 m = 11.4</p>  <p>Dur = 10.0s Dmag = 0.9 Sun: 159° Moon: 168°</p>	<p><b>2025 may 31 0h47.5m</b> A25_05039 132 Aethra TYC 6280-01698-1 Diam = 47.0 m = 11.6 m = 13.5</p>  <p>Dur = 3.3s Dmag = 2.0 Sun: 147° Moon: 156°</p>	<p><b>2025 jun 2 22h27.9m</b> A25_06091 701 Oriola UCAC4 365-167065 Diam = 46.0 m = 12.4 m = 13.9</p>  <p>Dur = 5.9s Dmag = 1.7 Sun: 145° Moon: 127°</p>	<p><b>2025 jun 3 23h10.1m</b> A25_06054 316 Goberta TYC 6184-00501-1 Diam = 49.3 m = 11.6 m = 15.0</p>  <p>Dur = 3.7s Dmag = 3.5 Sun: 161° Moon: 63°</p>
<p><b>2025 jun 6 0h35.6m</b> A25_06001 3 Juno UCAC4 443-061583 Diam = 257.6 m = 12.0 m = 10.4</p>  <p>Dur = 20.2s Dmag = 0.2 Sun: 149° Moon: 37°</p>	<p><b>2025 jun 9 2h27.1m</b> A25_06027 132 Aethra UCAC5 381-113969 Diam = 47.0 m = 12.3 m = 13.4</p>  <p>Dur = 3.0s Dmag = 1.4 Sun: 157° Moon: 47°</p>	<p><b>2025 jun 12 21h30.8m</b> B25_06019 2001KA77 UCAC4 368-126175 Diam = 416.9 m = 14.7 m = 21.7</p>  <p>Dur = 17.1s Dmag = 7.0 Sun: 165° Moon: 13°</p>	<p><b>2025 jun 13 18h41.8m</b> A25_06002 4 Vesta UCAC4 425-060230 Diam = 523.2 m = 12.1 m = 6.3</p>  <p>Dur = 135.9s Dmag = 0.0 Sun: 131° Moon: 77°</p>
<p><b>2025 jun 14 22h21.1m</b> A25_06047 248 Lameia UCAC4 345-114647 Diam = 52.0 m = 12.5 m = 12.8</p>  <p>Dur = 5.7s Dmag = 0.9 Sun: 176° Moon: 40°</p>	<p><b>2025 jun 16 23h49.1m</b> A25_06040 223 Rosa UCAC5 335-188937 Diam = 90.7 m = 12.5 m = 15.0</p>  <p>Dur = 8.7s Dmag = 2.6 Sun: 149° Moon: 37°</p>	<p><b>2025 jun 18 0h43.5m</b> A25_06102 893 Leopoldina TYC 5080-01162-1 Diam = 78.0 m = 10.9 m = 14.1</p>  <p>Dur = 5.9s Dmag = 3.3 Sun: 157° Moon: 84°</p>	<p><b>2025 jun 23 1h23.6m</b> A25_06005 22 Kalliope UCAC4 370-000096 Diam = 187.0 m = 12.5 m = 11.8</p>  <p>Dur = 12.5s Dmag = 0.5 Sun: 96° Moon: 66°</p>
<p><b>2025 jun 24 22h55.5m</b> A25_06092 701 Oriola UCAC4 368-158083 Diam = 46.0 m = 11.6 m = 13.5</p>  <p>Dur = 3.9s Dmag = 2.0 Sun: 168° Moon: 160°</p>	<p><b>2025 jun 24 23h36.2m</b> A25_06130 523710 2014JF80 HIP 4184 Diam = 71.8 m = 7.6 m = 22.1</p>  <p>Dur = 4.2s Dmag = 14.5 Sun: 73° Moon: 67°</p>	<p><b>2025 jun 25 2h20.3m</b> A25_06011 58 Concordia PPMX 11668078 Diam = 97.7 m = 12.3 m = 12.4</p>  <p>Dur = 8.9s Dmag = 0.8 Sun: 171° Moon: 165°</p>	<p><b>2025 jun 26 1h52.2m</b> A25_06012 58 Concordia UCAC4 371-128928 Diam = 97.7 m = 12.2 m = 12.4</p>  <p>Dur = 8.8s Dmag = 0.8 Sun: 172° Moon: 166°</p>

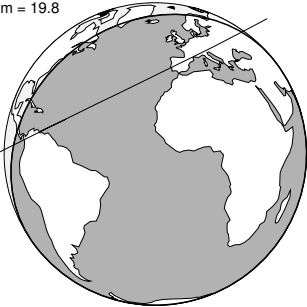
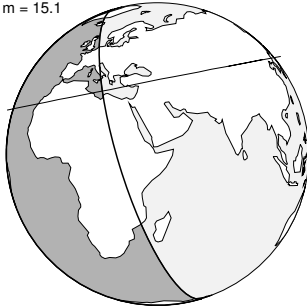
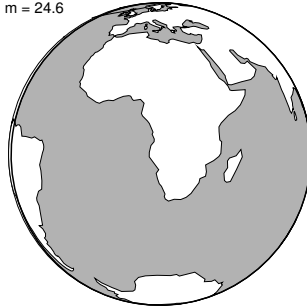
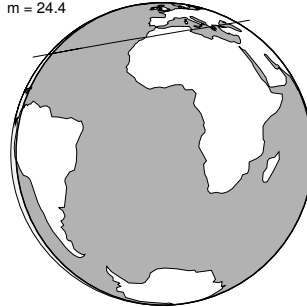
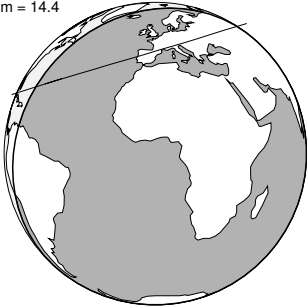
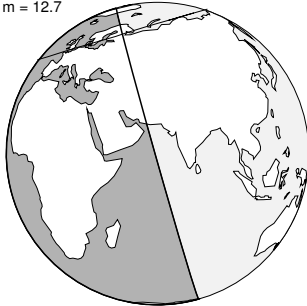
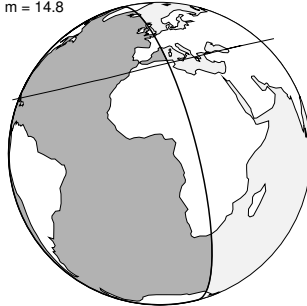
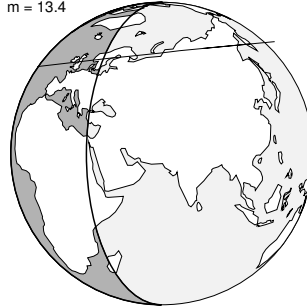
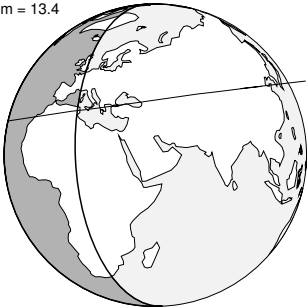
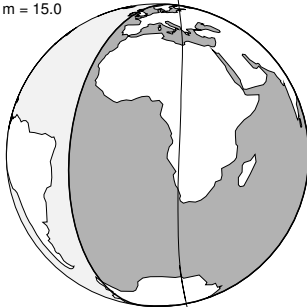
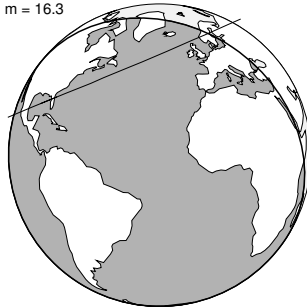
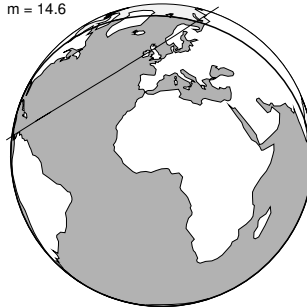
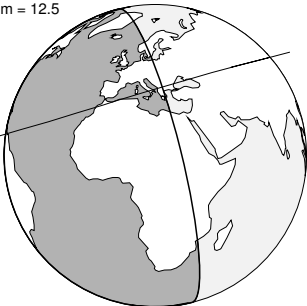
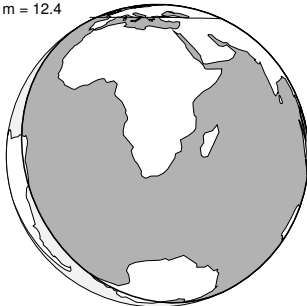
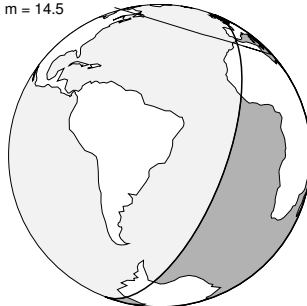
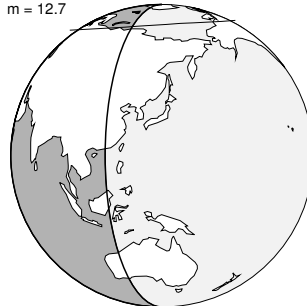
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 jul 3 0h47.6m</b> A25_07012 58 Concordia PPMX 11659325 Diam = 97.7 m = 11.7 m = 12.4</p> <p>Dur = 8.9s Dmag = 1.2 Sun: 170° Moon: 82°</p>	<p><b>2025 jul 3 23h23.7m</b> A25_07124 906 Repsolda UCAC4 291-089299 Diam = 52.5 m = 12.3 m = 13.9</p> <p>Dur = 7.8s Dmag = 1.9 Sun: 142° Moon: 42°</p>	<p><b>2025 jul 3 23h26.6m</b> A25_07001 2 Pallas UCAC4 537-136647 Diam = 530.9 m = 12.4 m = 9.7</p> <p>Dur = 50.4s Dmag = 0.1 Sun: 129° Moon: 115°</p>	<p><b>2025 jul 4 21h18.6m</b> B25_07013 2004KV18 UCAC4 383-115835 Diam = 74.5 m = 13.4 m = 23.7</p> <p>Dur = 3.1s Dmag = 10.3 Sun: 169° Moon: 64°</p>
<p><b>2025 jul 4 21h45.3m</b> A25_07092 570 Kythera UCAC4 345-149914 Diam = 106.0 m = 11.7 m = 13.7</p> <p>Dur = 7.8s Dmag = 2.2 Sun: 173° Moon: 61°</p>	<p><b>2025 jul 5 1h35.3m</b> A25_07133 1021 Flammario TYC 5045-00528-1 Diam = 103.0 m = 11.8 m = 14.3</p> <p>Dur = 9.2s Dmag = 2.7 Sun: 136° Moon: 30°</p>	<p><b>2025 jul 7 0h45.4m</b> A25_07003 2 Pallas UCAC4 537-136380 Diam = 530.9 m = 11.9 m = 9.7</p> <p>Dur = 46.6s Dmag = 0.1 Sun: 131° Moon: 86°</p>	<p><b>2025 jul 8 1h 7.4m</b> A25_07067 360 Carlova UCAC4 374-166709 Diam = 121.0 m = 12.2 m = 13.2</p> <p>Dur = 8.7s Dmag = 1.4 Sun: 169° Moon: 43°</p>
<p><b>2025 jul 8 20h29.5m</b> A25_07113 777 Gutemberga UCAC4 330-070601 Diam = 68.7 m = 11.7 m = 15.1</p> <p>Dur = 6.3s Dmag = 3.4 Sun: 108° Moon: 48°</p>	<p><b>2025 jul 13 22h 0.2m</b> B25_07011 471172 2010JC80 UCAC4 327-096412 Diam = 248.9 m = 14.4 m = 21.2</p> <p>Dur = 13.3s Dmag = 6.8 Sun: 148° Moon: 69°</p>	<p><b>2025 jul 14 4h 8.1m</b> A25_07053 245 Vera UCAC4 508-004090 Diam = 84.8 m = 12.4 m = 13.0</p> <p>Dur = 3.0s Dmag = 1.1 Sun: 72° Moon: 68°</p>	<p><b>2025 jul 20 4h22.4m</b> A25_07094 584 Semiramis TYC 0560-00494-1 Diam = 56.2 m = 11.3 m = 11.2</p> <p>Dur = 9.4s Dmag = 0.7 Sun: 137° Moon: 77°</p>
<p><b>2025 jul 20 23h13.7m</b> A25_07147 2196 Ellicott UCAC4 423-128572 Diam = 62.2 m = 11.7 m = 15.5</p> <p>Dur = 4.5s Dmag = 3.8 Sun: 164° Moon: 122°</p>	<p><b>2025 jul 23 17h41.8m</b> A25_07004 2 Pallas UCAC4 532-132101 Diam = 530.9 m = 10.0 m = 9.5</p> <p>Dur = 34.1s Dmag = 0.5 Sun: 142° Moon: 132°</p>	<p><b>2025 jul 23 21h43.4m</b> A25_07090 551 Ortrud UCAC4 332-172906 Diam = 81.2 m = 12.5 m = 14.5</p> <p>Dur = 6.9s Dmag = 2.1 Sun: 157° Moon: 169°</p>	<p><b>2025 jul 27 3h55.5m</b> A25_07006 6 Hebe UCAC4 400-137580 Diam = 186.0 m = 12.0 m = 8.4</p> <p>Dur = 28.0s Dmag = 0.0 Sun: 145° Moon: 174°</p>

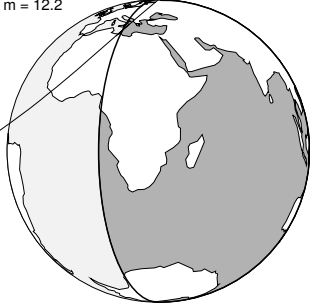
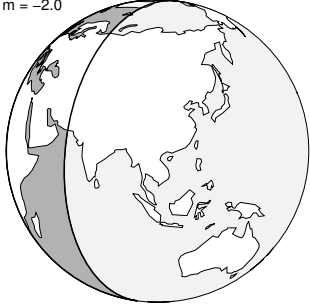
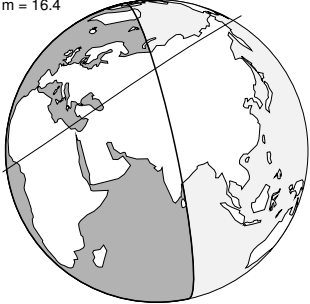
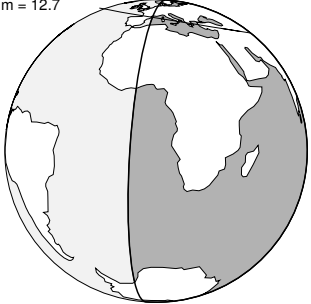
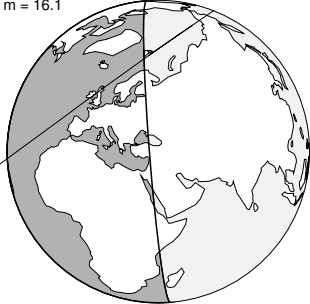
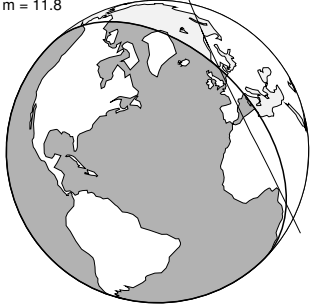
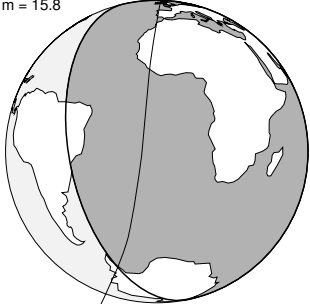
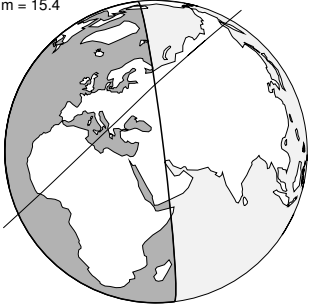
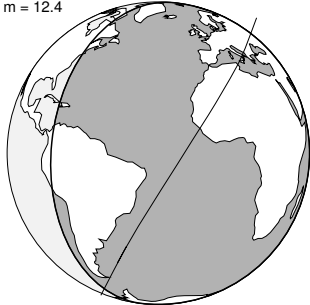
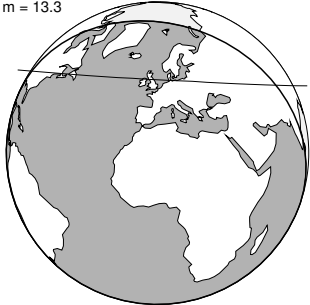
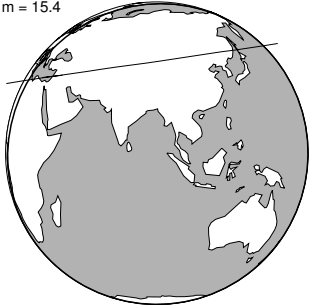
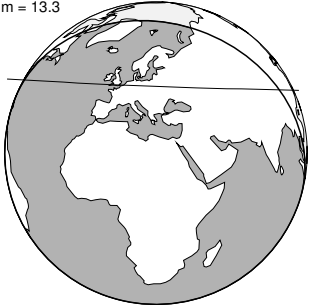
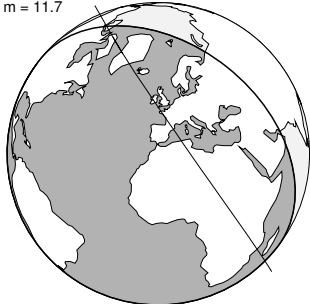
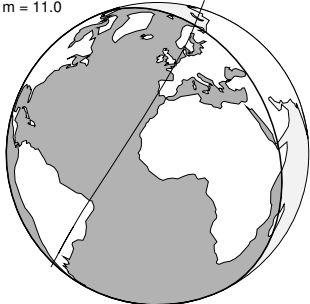
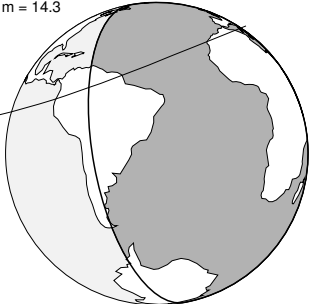
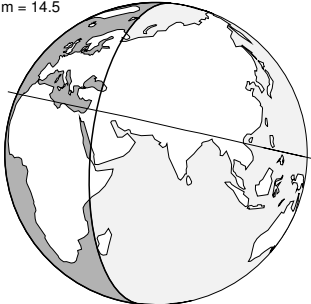
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 jul 28 0h 0.7m</b> B25_07015 2022LV2 UCAC5 469-090979 Diam = 71.8 m = 14.9 m = 19.8</p>  <p>Dur = 3.6s Dmag = 4.9 Sun: 150° Moon: 122°</p>	<p><b>2025 jul 28 3h57.5m</b> A25_07066 348 May TYC 0649-01381-1 Diam = 88.0 m = 10.4 m = 15.1</p>  <p>Dur = 3.6s Dmag = 4.7 Sun: 74° Moon: 116°</p>	<p><b>2025 jul 28 22h17.6m</b> A25_07156 2004LE33 UCAC4 367-170362 Diam = 73.5 m = 11.8 m = 24.6</p>  <p>Dur = 3.0s Dmag = 12.7 Sun: 169° Moon: 120°</p>	<p><b>2025 jul 28 23h14.7m</b> B25_07019 2022LK15 UCAC4 345-187997 Diam = 100.5 m = 13.1 m = 24.4</p>  <p>Dur = 4.2s Dmag = 11.3 Sun: 164° Moon: 114°</p>
<p><b>2025 aug 8 22h45.2m</b> A25_08095 957 Camelia UCAC4 451-115381 Diam = 76.6 m = 12.2 m = 14.4</p>  <p>Dur = 6.3s Dmag = 2.4 Sun: 154° Moon: 26°</p>	<p><b>2025 aug 10 1h33.2m</b> A25_08042 245 Vera UCAC5 521-005182 Diam = 84.8 m = 12.4 m = 12.7</p>  <p>Dur = 4.4s Dmag = 0.9 Sun: 89° Moon: 82°</p>	<p><b>2025 aug 14 4h51.3m</b> A25_08100 1024 Hale UCAC4 445-003404 Diam = 43.2 m = 12.3 m = 14.8</p>  <p>Dur = 3.9s Dmag = 2.5 Sun: 104° Moon: 22°</p>	<p><b>2025 aug 15 3h26.4m</b> A25_08036 200 Dynamene TYC 1859-01083-1 Diam = 132.0 m = 7.5 m = 13.4</p>  <p>Dur = 3.9s Dmag = 5.8 Sun: 59° Moon: 44°</p>
<p><b>2025 aug 15 4h46.3m</b> A25_08023 87 Sylvia TYC 1861-01764-1 Diam = 271.0 m = 10.6 m = 13.4</p>  <p>Dur = 9.0s Dmag = 2.9 Sun: 58° Moon: 46°</p>	<p><b>2025 aug 15 19h46.9m</b> A25_08111 1211 Bressole UCAC4 368-115081 Diam = 41.6 m = 12.4 m = 15.0</p>  <p>Dur = 6.9s Dmag = 2.7 Sun: 125° Moon: 137°</p>	<p><b>2025 aug 16 3h 5.1m</b> A25_08122 2235 Vittore UCAC4 509-145760 Diam = 54.6 m = 12.1 m = 16.3</p>  <p>Dur = 4.3s Dmag = 4.2 Sun: 149° Moon: 63°</p>	<p><b>2025 aug 23 0h26.1m</b> A25_08059 439 Ohio PPMX 7788220 Diam = 79.3 m = 12.3 m = 14.6</p>  <p>Dur = 6.3s Dmag = 2.4 Sun: 155° Moon: 152°</p>
<p><b>2025 aug 25 3h54.9m</b> A25_08043 245 Vera UCAC4 526-005963 Diam = 84.8 m = 12.3 m = 12.5</p>  <p>Dur = 6.3s Dmag = 0.9 Sun: 99° Moon: 122°</p>	<p><b>2025 aug 26 20h33.7m</b> A25_08021 83 Beatrix TYC 6916-01214-1 Diam = 84.0 m = 11.6 m = 12.4</p>  <p>Dur = 11.1s Dmag = 1.2 Sun: 150° Moon: 109°</p>	<p><b>2025 aug 29 18h50.1m</b> A25_08051 388 Charybdis PPMX 11490162 Diam = 120.0 m = 11.3 m = 14.5</p>  <p>Dur = 4.1s Dmag = 3.3 Sun: 64° Moon: 10°</p>	<p><b>2025 sep 1 22h10.3m</b> A25_09005 42 Isis TYC 1325-01893-1 Diam = 107.0 m = 10.2 m = 12.7</p>  <p>Dur = 4.1s Dmag = 2.6 Sun: 67° Moon: 172°</p>

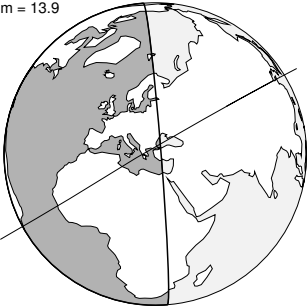
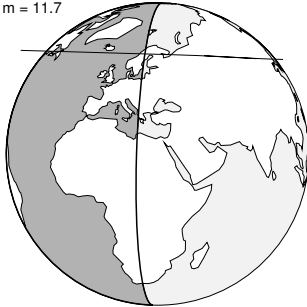
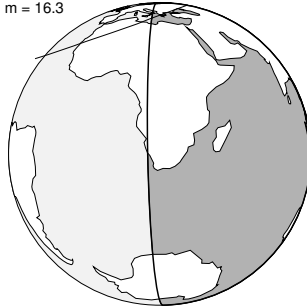
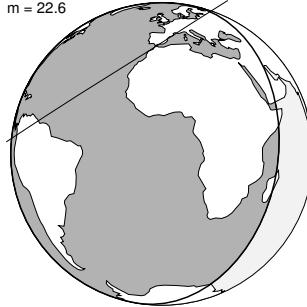
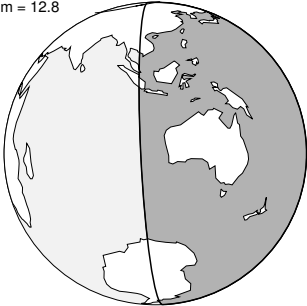
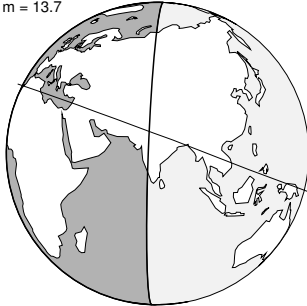
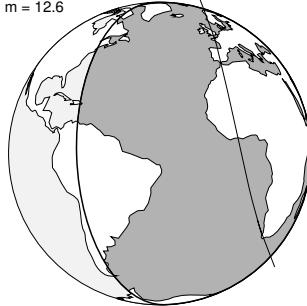
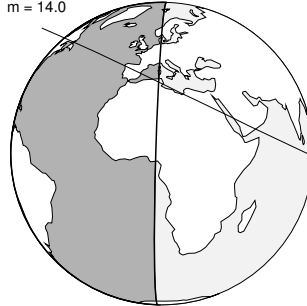
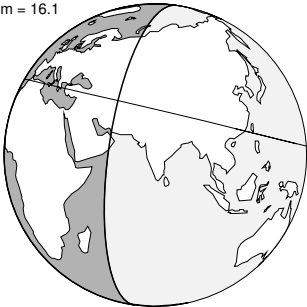
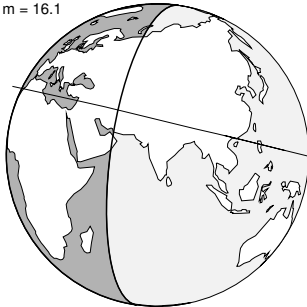
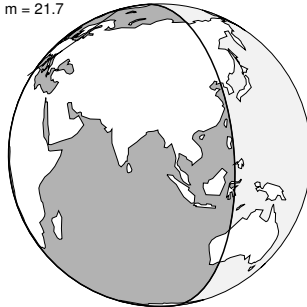
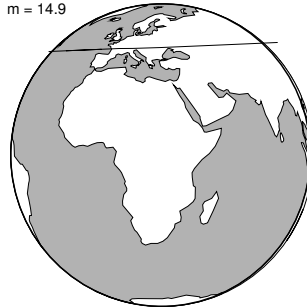
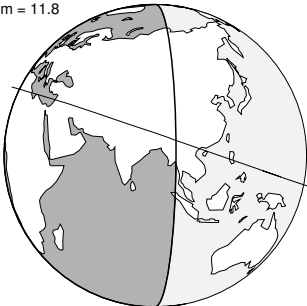
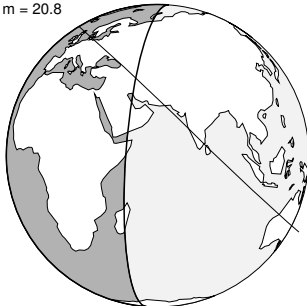

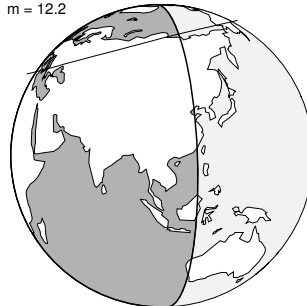
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 sep 2 17h19.7m</b> A25_09132 980 Anacostia TYC 6272–01888–1 Diam = 89.0 m = 9.0 m = 12.2</p>  <p>Dur = 13.1s Dmag = 3.3 Sun: 113° Moon: 10°</p>	<p><b>2025 sep 3 1h30.5m</b> P25_09001 Jupiter TYC 1358–00097–1 Diam = 133542.0 m = 9.6 m = -2.0</p>  <p>Dur = 4688.3s Dmag = 0.0 Sun: 52° Moon: 172°</p>	<p><b>2025 sep 4 0h28.9m</b> A25_09153 1859 Kovalevskaya TYC 1825–00748–1 Diam = 48.6 m = 11.3 m = 16.4</p>  <p>Dur = 4.4s Dmag = 5.1 Sun: 97° Moon: 130°</p>	<p><b>2025 sep 4 18h 9.1m</b> A25_09031 124 Alkeste PPMX 11617444 Diam = 79.5 m = 12.4 m = 12.7</p>  <p>Dur = 5.8s Dmag = 0.9 Sun: 99° Moon: 42°</p>
<p><b>2025 sep 8 3h16.2m</b> A25_09137 1035 Amata PPMX 3018979 Diam = 56.8 m = 12.0 m = 16.1</p>  <p>Dur = 3.0s Dmag = 4.1 Sun: 86° Moon: 88°</p>	<p><b>2025 sep 8 4h59.2m</b> A25_09101 626 Notburga UCAC4 602–003287 Diam = 104.0 m = 12.0 m = 11.8</p>  <p>Dur = 7.8s Dmag = 0.7 Sun: 132° Moon: 42°</p>	<p><b>2025 sep 8 21h 1.3m</b> A25_09155 1977 Shura TYC 6893–01227–1 Diam = 60.8 m = 10.7 m = 15.8</p>  <p>Dur = 15.3s Dmag = 5.1 Sun: 125° Moon: 70°</p>	<p><b>2025 sep 12 2h34.1m</b> A25_09146 1390 Abastumani TYC 2391–01410–1 Diam = 104.0 m = 9.5 m = 15.4</p>  <p>Dur = 6.4s Dmag = 6.0 Sun: 92° Moon: 28°</p>
<p><b>2025 sep 12 22h57.9m</b> A25_09110 712 Boliviana TYC 0497–01778–1 Diam = 132.0 m = 12.2 m = 12.4</p>  <p>Dur = 20.1s Dmag = 0.8 Sun: 135° Moon: 109°</p>	<p><b>2025 sep 13 0h34.5m</b> A25_09082 426 Hippo UCAC4 579–000338 Diam = 134.0 m = 12.5 m = 13.3</p>  <p>Dur = 9.8s Dmag = 1.3 Sun: 148° Moon: 50°</p>	<p><b>2025 sep 13 17h11.9m</b> A25_09150 1721 Wells UCAC4 477–129729 Diam = 44.3 m = 12.2 m = 15.4</p>  <p>Dur = 3.2s Dmag = 3.3 Sun: 166° Moon: 85°</p>	<p><b>2025 sep 13 23h 1.2m</b> A25_09081 426 Hippo UCAC4 579–000308 Diam = 134.0 m = 12.1 m = 13.3</p>  <p>Dur = 9.7s Dmag = 1.5 Sun: 149° Moon: 63°</p>
<p><b>2025 sep 14 1h57.6m</b> A25_09102 626 Notburga UCAC4 612–003144 Diam = 104.0 m = 11.1 m = 11.7</p>  <p>Dur = 7.9s Dmag = 1.1 Sun: 136° Moon: 49°</p>	<p><b>2025 sep 14 2h53.4m</b> A25_09023 85 Io TYC 0628–01022–1 Diam = 178.0 m = 11.9 m = 11.0</p>  <p>Dur = 31.3s Dmag = 0.4 Sun: 141° Moon: 47°</p>	<p><b>2025 sep 14 22h13.4m</b> A25_09033 131 Vala UCAC4 309–249227 Diam = 43.3 m = 12.2 m = 14.3</p>  <p>Dur = 6.8s Dmag = 2.3 Sun: 114° Moon: 161°</p>	<p><b>2025 sep 15 3h 7.4m</b> A25_09030 102 Miriam TYC 1350–00134–1 Diam = 86.0 m = 11.0 m = 14.5</p>  <p>Dur = 3.0s Dmag = 3.5 Sun: 64° Moon: 19°</p>

# Occultations by major and minor planets – 2025

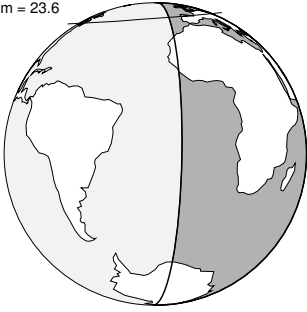
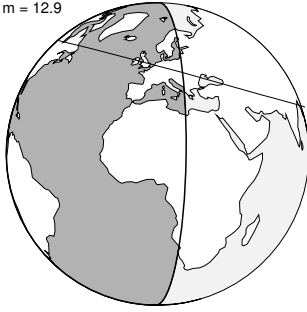
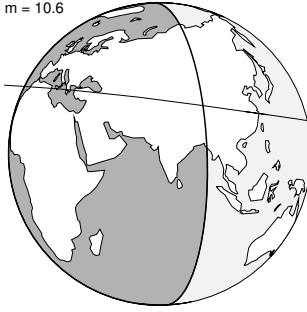
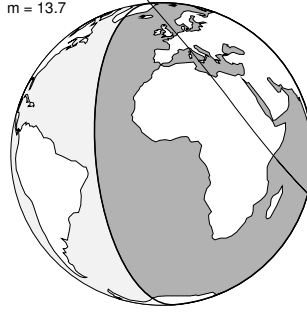
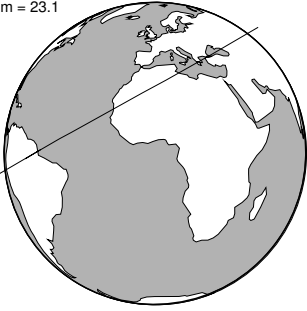
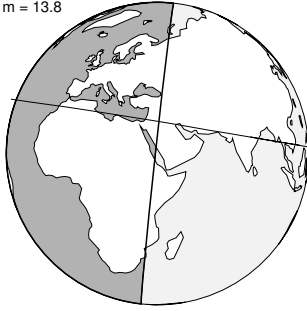
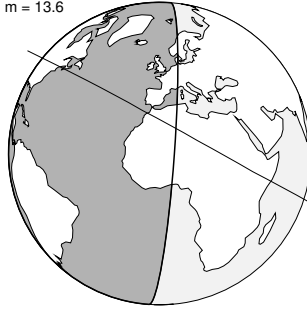
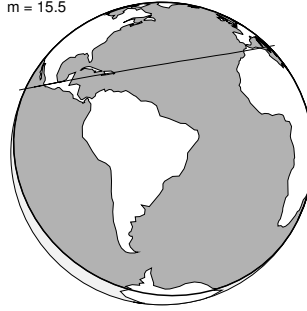

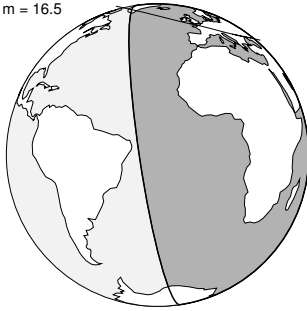
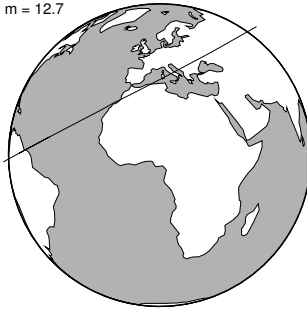
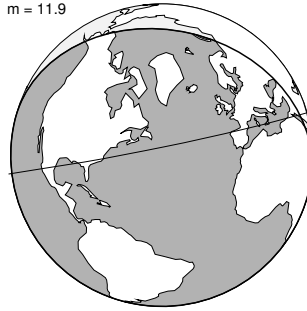
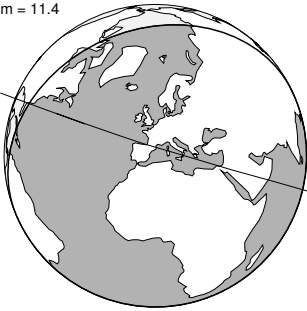
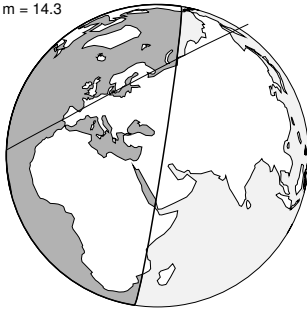
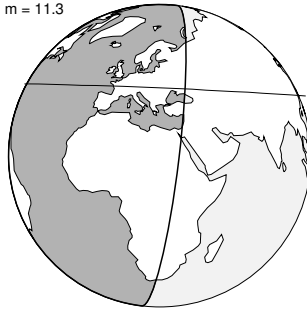
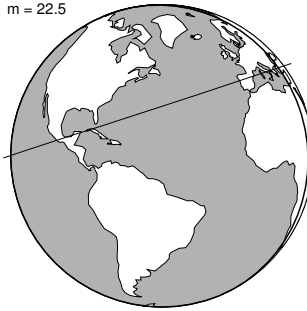
# Region 3

<p><b>2025 sep 17 3h46.7m</b> A25_09028 98 Ianthe UCAC4 644-026077 Diam = 109.0 m = 12.2 m = 13.9</p>  <p>Dur = 5.9s Dmag = 1.9 Sun: 92° Moon: 38°</p>	<p><b>2025 sep 18 4h27.3m</b> A25_09002 10 Hygiea TYC 1881-01475-1 Diam = 429.0 m = 11.1 m = 11.7</p>  <p>Dur = 23.4s Dmag = 1.1 Sun: 81° Moon: 39°</p>	<p><b>2025 sep 19 16h47.8m</b> A25_09152 1746 Brouwer UCAC4 308-173385 Diam = 42.7 m = 12.4 m = 16.3</p>  <p>Dur = 3.3s Dmag = 4.0 Sun: 94° Moon: 119°</p>	<p><b>2025 sep 20 2h41.7m</b> B25_09012 2014SS373 UCAC4 401-002861 Diam = 208.9 m = 13.7 m = 22.6</p>  <p>Dur = 10.3s Dmag = 8.8 Sun: 139° Moon: 124°</p>
<p><b>2025 sep 21 10h58.6m</b> A25_09003 23 Errare humanum est! UCAC4 294-178142 Diam = 111.0 m = 12.4 m = 12.8</p>  <p>Dur = 9.4s Dmag = 1.0 Sun: 95° Moon: 100°</p>	<p><b>2025 sep 25 0h51.7m</b> A25_09061 266 Aline UCAC5 548-024824 Diam = 113.0 m = 12.4 m = 13.7</p>  <p>Dur = 5.8s Dmag = 1.6 Sun: 86° Moon: 122°</p>	<p><b>2025 sep 25 22h26.9m</b> A25_09111 712 Boliviana UCAC4 446-128672 Diam = 132.0 m = 11.0 m = 12.6</p>  <p>Dur = 22.8s Dmag = 1.9 Sun: 123° Moon: 82°</p>	<p><b>2025 sep 26 5h20.4m</b> A25_09051 218 Bianca UCAC4 488-022247 Diam = 62.0 m = 10.8 m = 14.0</p>  <p>Dur = 3.5s Dmag = 3.2 Sun: 87° Moon: 132°</p>
<p><b>2025 sep 27 2h 3.7m</b> A25_09121 834 Burnhamia TYC 1364-01090-1 Diam = 69.2 m = 11.0 m = 16.1</p>  <p>Dur = 3.1s Dmag = 5.2 Sun: 71° Moon: 129°</p>	<p><b>2025 sep 27 2h 4.0m</b> A25_09122 834 Burnhamia UCAC4 540-042243 Diam = 69.2 m = 10.7 m = 16.1</p>  <p>Dur = 3.1s Dmag = 5.5 Sun: 71° Moon: 129°</p>	<p><b>2025 sep 27 21h41.8m</b> B25_09007 341520 Mors-Somnus UCAC4 515-007332 Diam = 181.1 m = 13.4 m = 21.7</p>  <p>Dur = 17.8s Dmag = 8.3 Sun: 119° Moon: 165°</p>	<p><b>2025 sep 29 22h45.9m</b> A25_09159 3024 Hainan TYC 0020-00564-1 Diam = 41.1 m = 12.1 m = 14.9</p>  <p>Dur = 3.3s Dmag = 2.9 Sun: 168° Moon: 100°</p>
<p><b>2025 sep 29 23h23.3m</b> A25_09020 80 Sappho TYC 1320-02026-1 Diam = 81.7 m = 7.9 m = 11.8</p>  <p>Dur = 6.1s Dmag = 3.9 Sun: 97° Moon: 168°</p>	<p><b>2025 sep 30 2h35.3m</b> B25_09004 55638 2002VE95 UCAC4 480-033815 Diam = 317.7 m = 14.6 m = 20.8</p>  <p>Dur = 22.4s Dmag = 6.2 Sun: 77° Moon: 156°</p>	<p><b>2025 sep 30 16h14.0m</b> A25_09109 702 Alauda TYC 2798-01241-1 Diam = 202.0 m = 10.9 m = 12.3</p>  <p>Dur = 16.8s Dmag = 1.7 Sun: 144° Moon: 104°</p>	<p><b>2025 sep 30 22h 2.2m</b> A25_09047 196 Philomela UCAC4 563-018353 Diam = 146.0 m = 11.9 m = 12.2</p>  <p>Dur = 17.4s Dmag = 0.9 Sun: 103° Moon: 155°</p>



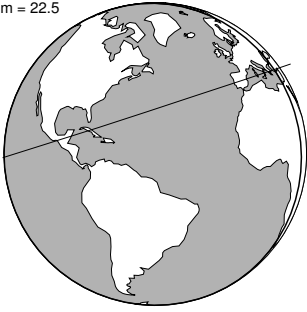
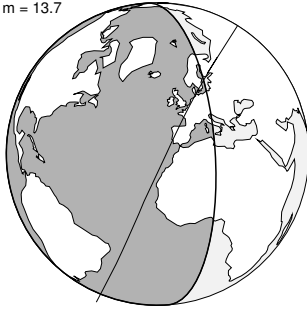
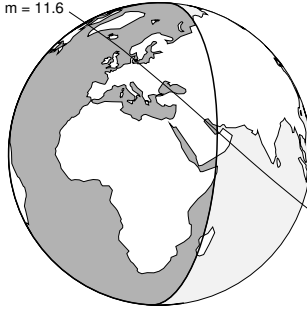
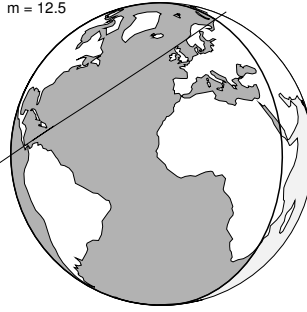
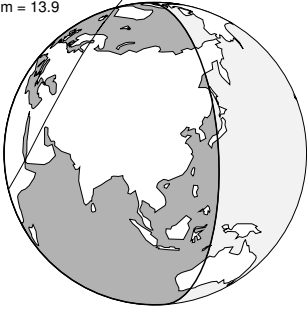
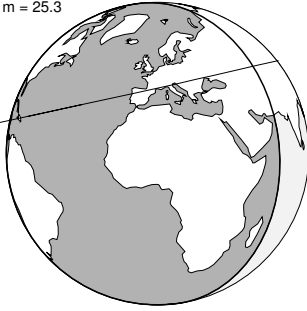
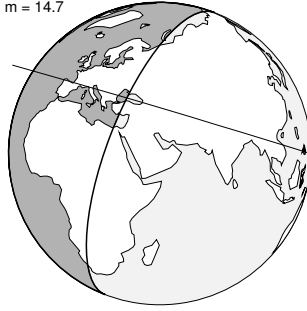
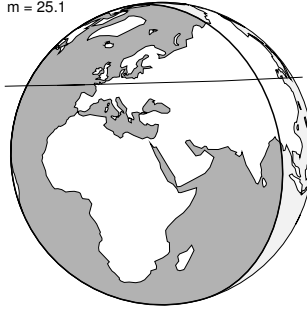
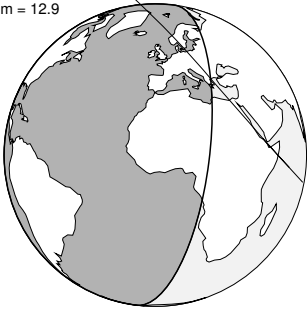
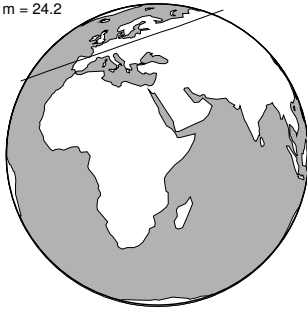
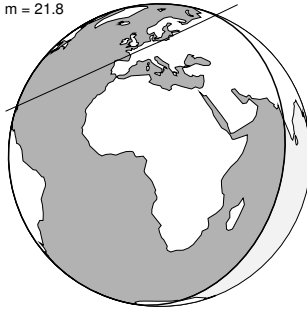
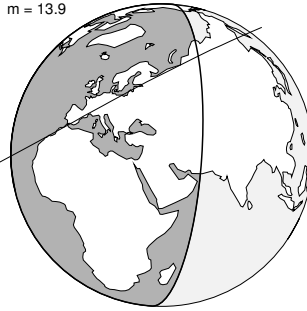
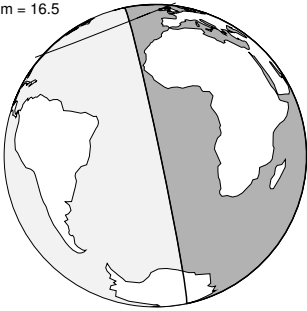
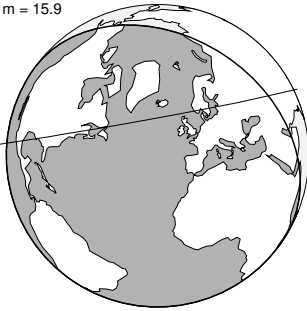
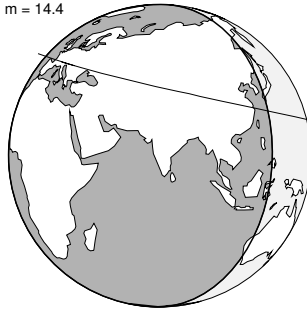
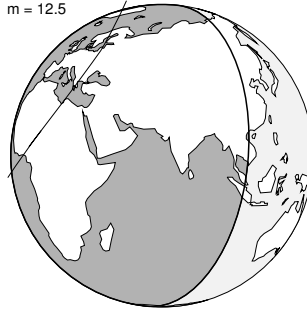
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 oct 1 18h39.6m</b> B25_10011 2005JY185 UCAC4 324-118143 Diam = 182.0 m = 13.8 m = 23.6</p>  <p>Dur = 18.1s Dmag = 9.8 Sun: 79° Moon: 31°</p>	<p><b>2025 oct 2 4h43.8m</b> A25_10011 45 Eugenia UCAC4 531-018804 Diam = 214.0 m = 12.1 m = 12.9</p>  <p>Dur = 21.4s Dmag = 1.3 Sun: 100° Moon: 142°</p>	<p><b>2025 oct 2 23h44.5m</b> A25_10005 16 Psyche TYC 1304-00462-1 Diam = 264.0 m = 11.0 m = 10.6</p>  <p>Dur = 33.9s Dmag = 0.6 Sun: 108° Moon: 126°</p>	<p><b>2025 oct 3 19h54.5m</b> A25_10102 714 Ulula UCAC4 449-125715 Diam = 41.0 m = 12.4 m = 13.7</p>  <p>Dur = 5.4s Dmag = 1.6 Sun: 116° Moon: 27°</p>
<p><b>2025 oct 7 0h 8.3m</b> B25_10012 2006SG415 UCAC4 455-001674 Diam = 115.3 m = 13.7 m = 23.1</p>  <p>Dur = 4.6s Dmag = 9.4 Sun: 172° Moon: 10°</p>	<p><b>2025 oct 7 3h18.3m</b> A25_10043 206 Hersilia TYC 1352-00762-1 Diam = 76.6 m = 11.2 m = 13.8</p>  <p>Dur = 4.4s Dmag = 2.7 Sun: 89° Moon: 91°</p>	<p><b>2025 oct 7 5h40.7m</b> A25_10057 266 Aline UCAC4 541-029518 Diam = 113.0 m = 11.8 m = 13.6</p>  <p>Dur = 7.5s Dmag = 2.0 Sun: 95° Moon: 84°</p>	<p><b>2025 oct 8 2h19.0m</b> A25_10134 2421 Nininger TYC 5266-00461-1 Diam = 43.3 m = 8.9 m = 15.5</p>  <p>Dur = 3.8s Dmag = 6.5 Sun: 156° Moon: 36°</p>
<p><b>2025 oct 8 4h20.7m</b> B25_10019 2014UM233 UCAC4 566-005274 Diam = 104.7 m = 14.2 m = 23.7</p>  <p>Dur = 5.0s Dmag = 9.5 Sun: 149° Moon: 16°</p>	<p><b>2025 oct 10 20h 0.0m</b> A25_10136 2976 Lautaro TYC 5727-01368-1 Diam = 42.1 m = 11.9 m = 16.5</p>  <p>Dur = 3.2s Dmag = 4.6 Sun: 96° Moon: 132°</p>	<p><b>2025 oct 11 23h19.1m</b> A25_10062 305 Gordonia TYC 0612-01363-1 Diam = 50.7 m = 11.6 m = 12.7</p>  <p>Dur = 4.0s Dmag = 1.4 Sun: 178° Moon: 66°</p>	<p><b>2025 oct 12 3h24.3m</b> A25_10100 654 Zelinda TYC 2818-00924-1 Diam = 132.0 m = 12.1 m = 11.9</p>  <p>Dur = 14.4s Dmag = 0.6 Sun: 145° Moon: 52°</p>
<p><b>2025 oct 13 22h43.0m</b> A25_10096 626 Notburga UCAC4 646-001452 Diam = 104.0 m = 12.4 m = 11.4</p>  <p>Dur = 9.8s Dmag = 0.4 Sun: 146° Moon: 88°</p>	<p><b>2025 oct 15 3h 4.8m</b> A25_10084 536 Merapi TYC 2457-01323-1 Diam = 158.0 m = 9.7 m = 14.3</p>  <p>Dur = 9.9s Dmag = 4.6 Sun: 92° Moon: 21°</p>	<p><b>2025 oct 16 3h49.4m</b> A25_10009 40 Harmonia UCAC4 557-037289 Diam = 111.0 m = 12.2 m = 11.3</p>  <p>Dur = 8.4s Dmag = 0.4 Sun: 97° Moon: 37°</p>	<p><b>2025 oct 16 4h13.5m</b> B25_10002 308460 2005SC278 TYC 0638-00712-1 Diam = 143.2 m = 12.7 m = 22.5</p>  <p>Dur = 6.1s Dmag = 9.8 Sun: 163° Moon: 104°</p>

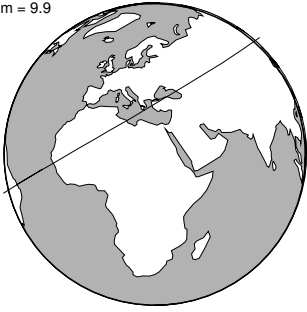
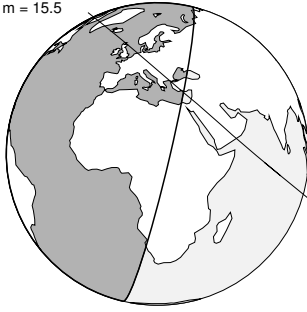
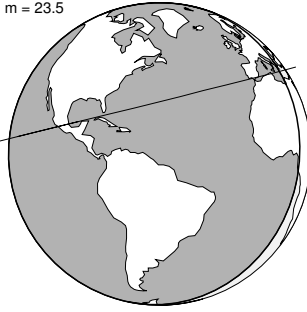
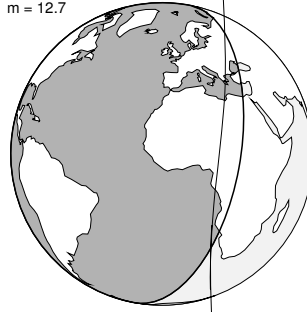
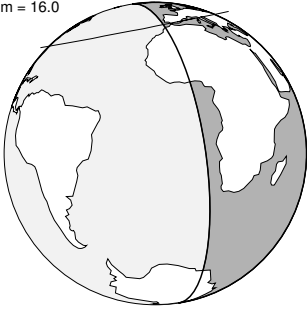
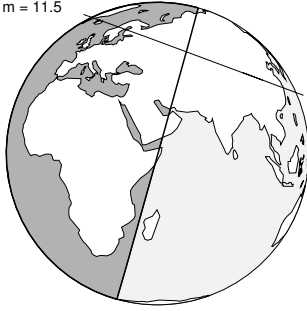
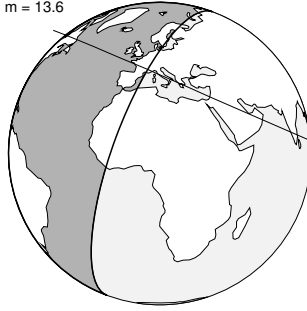
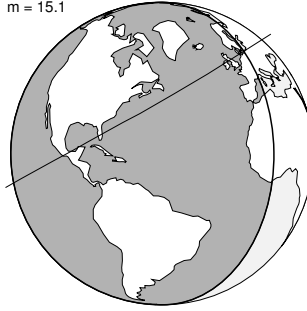
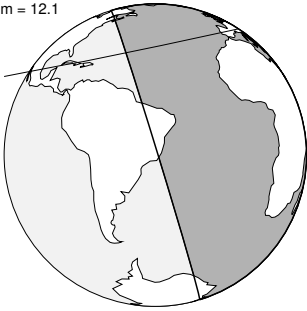
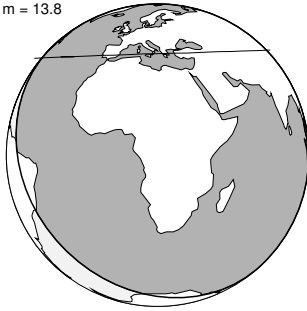
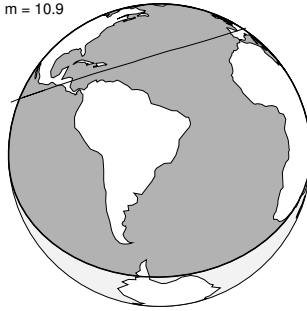
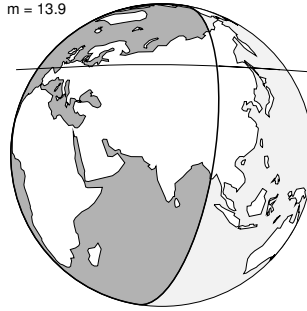
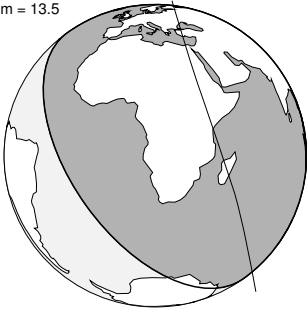
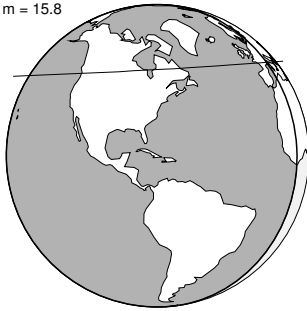
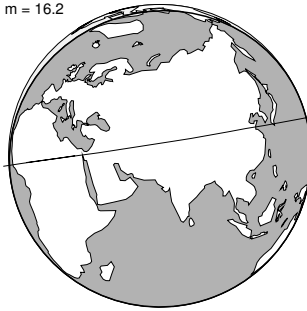
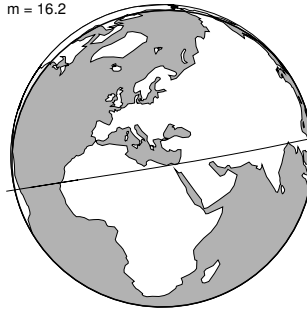
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 oct 16 4h13.7m</b> A25_10139 308460 2005SC278 TYC 0638–00712–1 Diam = 143.2 m = 12.2 m = 22.5</p>  <p>Dur = 6.1s Dmag = 10.4 Sun: 163° Moon: 104°</p>	<p><b>2025 oct 16 5h27.4m</b> A25_10037 187 Lamberta UCAC5 617–029686 Diam = 135.0 m = 12.5 m = 13.7</p>  <p>Dur = 20.8s Dmag = 1.6 Sun: 112° Moon: 53°</p>	<p><b>2025 oct 18 2h31.2m</b> A25_10016 80 Sappho TYC 1318–00627–1 Diam = 81.7 m = 9.0 m = 11.6</p>  <p>Dur = 11.1s Dmag = 2.6 Sun: 112° Moon: 74°</p>	<p><b>2025 oct 18 3h16.3m</b> A25_10013 56 Melete TYC 0665–00352–1 Diam = 90.8 m = 11.4 m = 12.5</p>  <p>Dur = 10.1s Dmag = 1.4 Sun: 142° Moon: 105°</p>
<p><b>2025 oct 18 21h12.5m</b> A25_10045 209 Dido UCAC4 609–027235 Diam = 149.0 m = 12.1 m = 13.9</p>  <p>Dur = 33.8s Dmag = 2.0 Sun: 114° Moon: 86°</p>	<p><b>2025 oct 19 1h54.8m</b> B25_10021 2015VR173 UCAC4 541–008055 Diam = 75.9 m = 14.8 m = 25.3</p>  <p>Dur = 3.8s Dmag = 10.5 Sun: 143° Moon: 117°</p>	<p><b>2025 oct 20 4h11.7m</b> A25_10070 366 Vincentina PPMX 6198146 Diam = 98.1 m = 12.3 m = 14.7</p>  <p>Dur = 3.9s Dmag = 2.5 Sun: 69° Moon: 55°</p>	<p><b>2025 oct 20 23h45.3m</b> B25_10020 2015VG166 UCAC4 578–010968 Diam = 66.1 m = 14.7 m = 25.1</p>  <p>Dur = 3.5s Dmag = 10.4 Sun: 141° Moon: 136°</p>
<p><b>2025 oct 21 4h49.7m</b> A25_10029 107 Camilla UCAC4 508–025711 Diam = 237.0 m = 12.0 m = 12.9</p>  <p>Dur = 34.3s Dmag = 1.3 Sun: 110° Moon: 107°</p>	<p><b>2025 oct 22 21h16.6m</b> B25_10016 2013RB157 UCAC4 469–002343 Diam = 89.1 m = 14.7 m = 24.2</p>  <p>Dur = 3.5s Dmag = 9.5 Sun: 172° Moon: 159°</p>	<p><b>2025 oct 23 1h 3.7m</b> A25_10138 145474 2005SA278 HIP 19373 Diam = 229.1 m = 10.1 m = 21.8</p>  <p>Dur = 11.5s Dmag = 11.6 Sun: 145° Moon: 155°</p>	<p><b>2025 oct 23 2h 1.5m</b> A25_10113 952 Caia UCAC4 618–040238 Diam = 84.5 m = 10.8 m = 13.9</p>  <p>Dur = 8.7s Dmag = 3.2 Sun: 105° Moon: 123°</p>
<p><b>2025 oct 23 18h44.8m</b> A25_10130 1977 Shura Gaia 068–0305098 Diam = 60.8 m = 9.2 m = 16.5</p>  <p>Dur = 3.1s Dmag = 7.3 Sun: 88° Moon: 63°</p>	<p><b>2025 oct 24 2h36.1m</b> A25_10127 1867 Deiphobus UCAC4 674–017406 Diam = 131.0 m = 11.5 m = 15.9</p>  <p>Dur = 8.9s Dmag = 4.5 Sun: 142° Moon: 159°</p>	<p><b>2025 oct 27 21h33.8m</b> A25_10118 1054 Forsytia UCAC4 530–010865 Diam = 49.6 m = 11.6 m = 14.4</p>  <p>Dur = 9.9s Dmag = 3.0 Sun: 138° Moon: 150°</p>	<p><b>2025 oct 27 22h54.0m</b> A25_10012 45 Eugenia PPMX 6009503 Diam = 214.0 m = 11.8 m = 12.5</p>  <p>Dur = 77.5s Dmag = 1.2 Sun: 124° Moon: 160°</p>

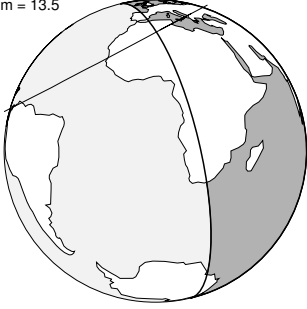
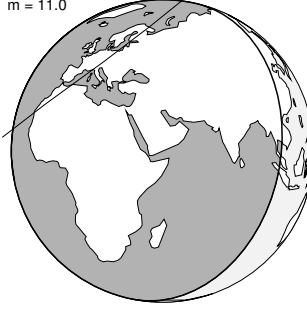
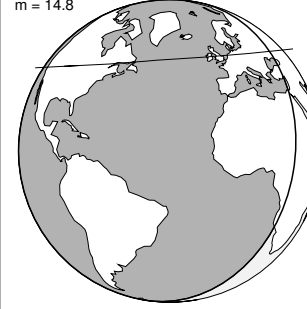
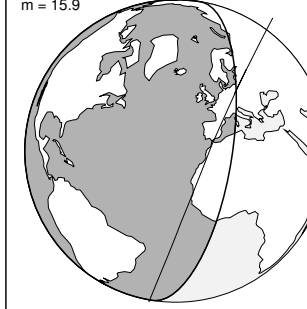
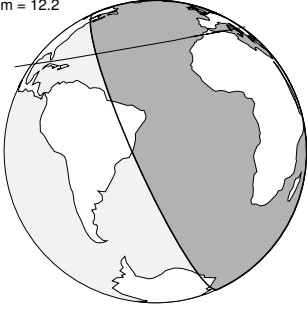
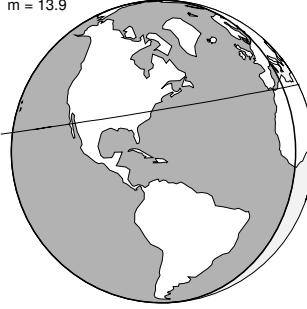
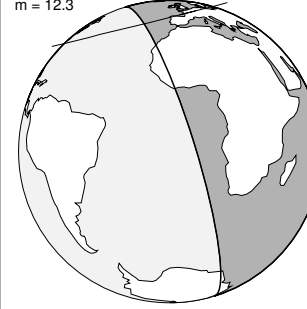
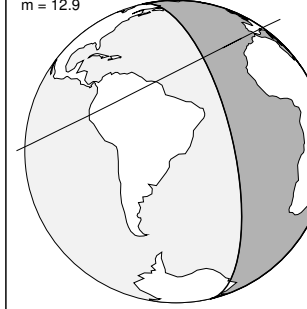
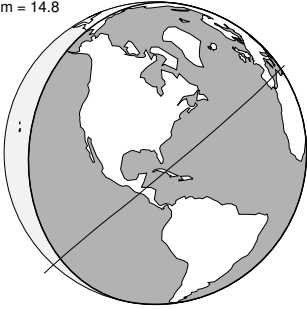
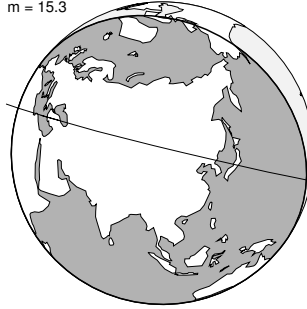
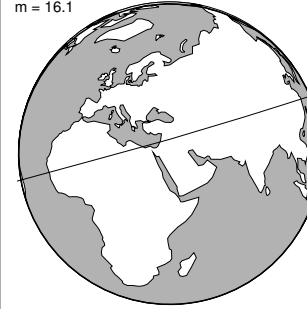
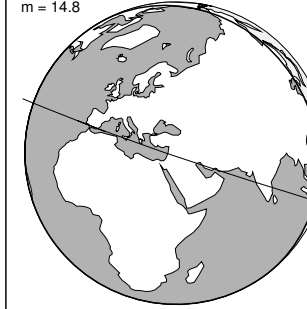
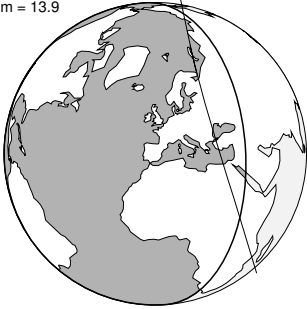

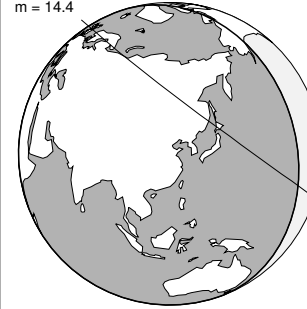
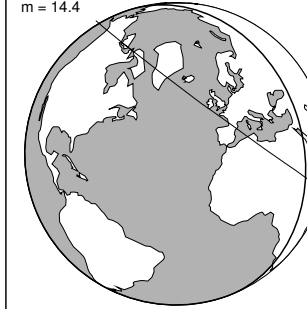
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 oct 29 22h19.5m</b> A25_10004 12 Victoria TYC 1226-00470-1 Diam = 117.0 m = 11.3 m = 9.9</p>  <p>Dur = 10.6s Dmag = 0.3 Sun: 170° Moon: 96°</p>	<p><b>2025 oct 30 4h16.8m</b> A25_10099 643 Scheherezade TYC 0789-00854-1 Diam = 76.1 m = 11.3 m = 15.5</p>  <p>Dur = 5.1s Dmag = 4.2 Sun: 94° Moon: 165°</p>	<p><b>2025 oct 31 5h 1.8m</b> B25_10018 2013VC72 UCAC4 501-006088 Diam = 75.2 m = 14.2 m = 23.5</p>  <p>Dur = 3.4s Dmag = 9.4 Sun: 157° Moon: 92°</p>	<p><b>2025 nov 1 4h24.2m</b> A25_11034 107 Camilla UCAC4 505-026739 Diam = 237.0 m = 12.4 m = 12.7</p>  <p>Dur = 52.4s Dmag = 0.9 Sun: 121° Moon: 117°</p>
<p><b>2025 nov 3 17h37.2m</b> A25_11057 223 Rosa TYC 6889-01143-1 Diam = 90.7 m = 12.3 m = 16.0</p>  <p>Dur = 3.7s Dmag = 3.8 Sun: 70° Moon: 84°</p>	<p><b>2025 nov 4 2h35.5m</b> A25_11011 39 Laetitia UCAC5 498-050460 Diam = 159.0 m = 12.4 m = 11.5</p>  <p>Dur = 10.6s Dmag = 0.4 Sun: 90° Moon: 111°</p>	<p><b>2025 nov 4 6h25.9m</b> A25_11105 554 Peraga HIP 49527 Diam = 98.5 m = 13.6 m = 7.6</p>  <p>Dur = 3.7s Dmag = 5.9 Sun: 72° Moon: 126°</p>	<p><b>2025 nov 5 6h16.1m</b> A25_11129 983 Gunila TYC 1310-02195-1 Diam = 77.3 m = 10.0 m = 15.1</p>  <p>Dur = 8.6s Dmag = 5.1 Sun: 137° Moon: 47°</p>
<p><b>2025 nov 6 20h55.0m</b> A25_11037 129 Antigone TYC 6358-00813-1 Diam = 113.0 m = 10.3 m = 12.1</p>  <p>Dur = 6.0s Dmag = 2.0 Sun: 88° Moon: 110°</p>	<p><b>2025 nov 6 21h 3.4m</b> A25_11126 866 Fatme TYC 4682-02416-1 Diam = 91.7 m = 10.1 m = 13.8</p>  <p>Dur = 9.5s Dmag = 3.7 Sun: 150° Moon: 49°</p>	<p><b>2025 nov 7 2h57.2m</b> A25_11039 130 Elektra TYC 5870-00061-1 Diam = 189.0 m = 12.2 m = 10.9</p>  <p>Dur = 21.0s Dmag = 0.3 Sun: 143° Moon: 50°</p>	<p><b>2025 nov 7 23h44.8m</b> A25_11040 133 Cyrene TYC 1933-01672-1 Diam = 70.1 m = 10.6 m = 13.9</p>  <p>Dur = 17.2s Dmag = 3.3 Sun: 110° Moon: 35°</p>
<p><b>2025 nov 11 19h38.3m</b> A25_11111 628 Christine UCAC5 368-000156 Diam = 51.0 m = 12.5 m = 13.5</p>  <p>Dur = 11.0s Dmag = 1.4 Sun: 124° Moon: 138°</p>	<p><b>2025 nov 12 6h23.2m</b> A25_11139 1154 Astronomia PPMX 5936790 Diam = 64.3 m = 12.3 m = 15.8</p>  <p>Dur = 5.0s Dmag = 3.5 Sun: 157° Moon: 68°</p>	<p><b>2025 nov 12 18h45.6m</b> A25_11153 4715 Medesicaste UCAC4 623-008678 Diam = 57.5 m = 11.8 m = 16.2</p>  <p>Dur = 3.4s Dmag = 4.4 Sun: 162° Moon: 96°</p>	<p><b>2025 nov 13 21h26.5m</b> A25_11152 4715 Medesicaste TYC 2333-00803-1 Diam = 57.5 m = 11.9 m = 16.2</p>  <p>Dur = 3.4s Dmag = 4.3 Sun: 162° Moon: 110°</p>

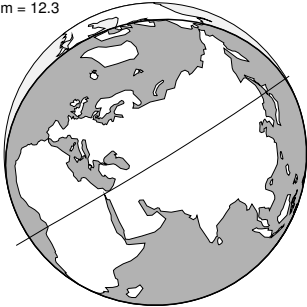
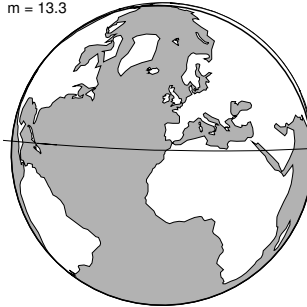
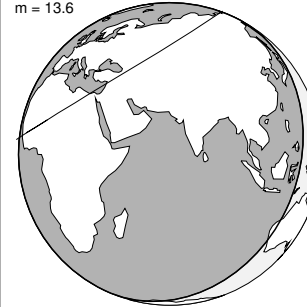
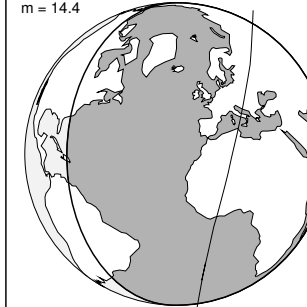
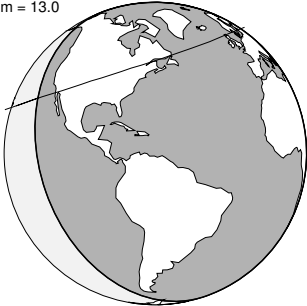
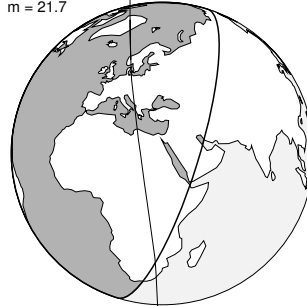
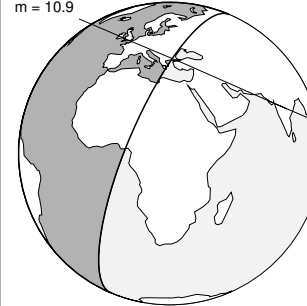
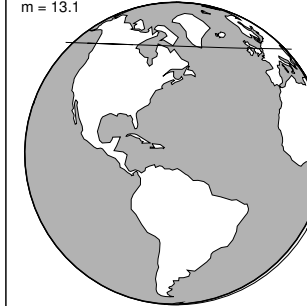
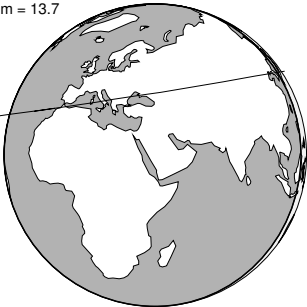
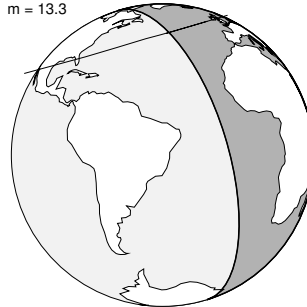
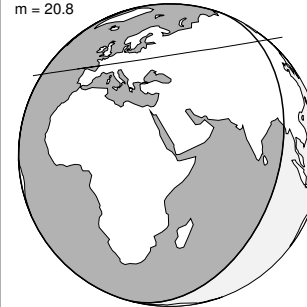
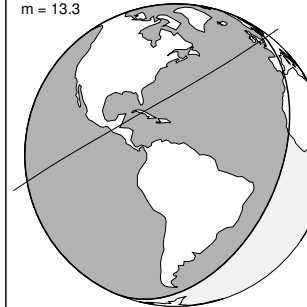
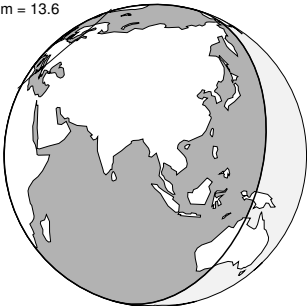
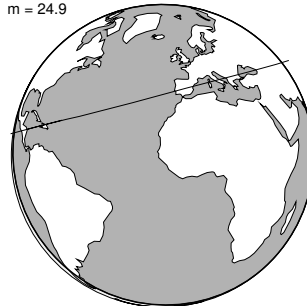
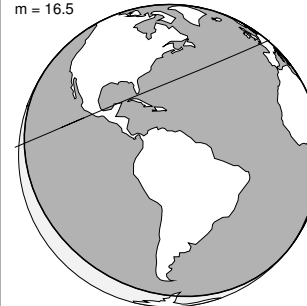
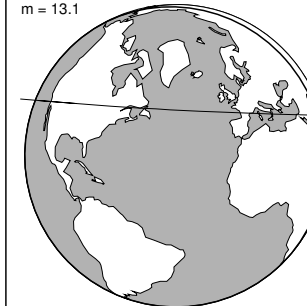
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 nov 15 16h49.8m</b> A25_11081 385 Ilmatar UCAC5 334–196211 Diam = 94.1 m = 12.5 m = 13.5</p>  <p>Dur = 3.8s Dmag = 1.4 Sun: 72° Moon: 123°</p>	<p><b>2025 nov 16 23h11.4m</b> A25_11023 80 Sappho UCAC5 523–021011 Diam = 81.7 m = 12.5 m = 11.0</p>  <p>Dur = 12.3s Dmag = 0.2 Sun: 141° Moon: 105°</p>	<p><b>2025 nov 17 4h24.6m</b> A25_11069 294 Felicia TYC 1312–02569–1 Diam = 59.6 m = 11.8 m = 14.8</p>  <p>Dur = 5.6s Dmag = 3.0 Sun: 145° Moon: 112°</p>	<p><b>2025 nov 17 6h20.6m</b> A25_11144 1765 Wrubel TYC 2486–02323–1 Diam = 45.8 m = 11.3 m = 15.9</p>  <p>Dur = 4.6s Dmag = 4.5 Sun: 111° Moon: 81°</p>
<p><b>2025 nov 17 20h57.9m</b> A25_11047 185 Eunike TYC 6392–00893–1 Diam = 165.0 m = 10.1 m = 12.2</p>  <p>Dur = 12.9s Dmag = 2.3 Sun: 98° Moon: 123°</p>	<p><b>2025 nov 18 6h27.2m</b> A25_11119 774 Armor UCAC4 563–018389 Diam = 57.0 m = 12.3 m = 13.9</p>  <p>Dur = 4.6s Dmag = 1.9 Sun: 151° Moon: 130°</p>	<p><b>2025 nov 18 18h 8.2m</b> A25_11038 129 Antigone TYC 6368–00507–1 Diam = 113.0 m = 11.9 m = 12.3</p>  <p>Dur = 4.9s Dmag = 0.9 Sun: 80° Moon: 96°</p>	<p><b>2025 nov 19 19h40.9m</b> A25_11080 375 Ursula UCAC4 339–193277 Diam = 216.0 m = 11.7 m = 12.9</p>  <p>Dur = 7.3s Dmag = 1.5 Sun: 67° Moon: 72°</p>
<p><b>2025 nov 20 2h58.2m</b> A25_11137 1118 Hanskya UCAC5 595–003291 Diam = 80.7 m = 12.4 m = 14.8</p>  <p>Dur = 7.6s Dmag = 2.5 Sun: 146° Moon: 151°</p>	<p><b>2025 nov 20 18h18.5m</b> A25_11130 1035 Amata PPMX 2101018 Diam = 56.8 m = 12.4 m = 15.3</p>  <p>Dur = 4.2s Dmag = 3.0 Sun: 148° Moon: 156°</p>	<p><b>2025 nov 20 20h58.1m</b> A25_11127 884 Priamus HIP 16835 Diam = 72.1 m = 6.5 m = 16.1</p>  <p>Dur = 3.9s Dmag = 9.7 Sun: 170° Moon: 172°</p>	<p><b>2025 nov 20 22h29.2m</b> A25_11149 3171 Wang Shouguan UCAC4 621–020205 Diam = 47.3 m = 12.5 m = 14.8</p>  <p>Dur = 4.5s Dmag = 2.5 Sun: 157° Moon: 166°</p>
<p><b>2025 nov 21 3h52.8m</b> A25_11117 735 Marghanna TYC 2962–02023–1 Diam = 77.0 m = 11.7 m = 13.9</p>  <p>Dur = 8.2s Dmag = 2.3 Sun: 126° Moon: 137°</p>	<p><b>2025 nov 21 17h 2.5m</b> A25_11097 439 Ohio TYC 0560–00085–1 Diam = 79.3 m = 11.2 m = 15.5</p>  <p>Dur = 5.6s Dmag = 4.3 Sun: 98° Moon: 84°</p>	<p><b>2025 nov 21 18h16.0m</b> A25_11143 1567 Alikoski UCAC4 629–029842 Diam = 71.0 m = 12.3 m = 14.4</p>  <p>Dur = 6.0s Dmag = 2.2 Sun: 146° Moon: 163°</p>	<p><b>2025 nov 22 4h 0.4m</b> A25_11142 1567 Alikoski TYC 2431–00324–1 Diam = 71.0 m = 10.6 m = 14.4</p>  <p>Dur = 6.0s Dmag = 3.8 Sun: 146° Moon: 167°</p>

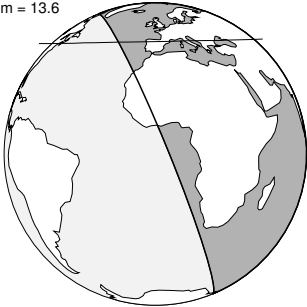
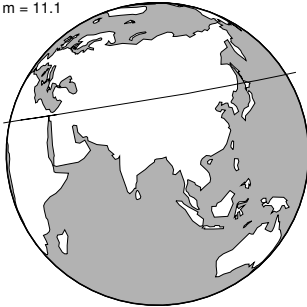
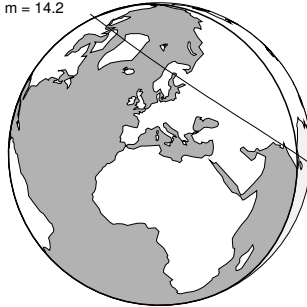
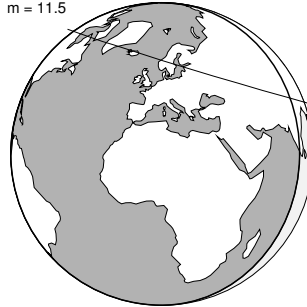
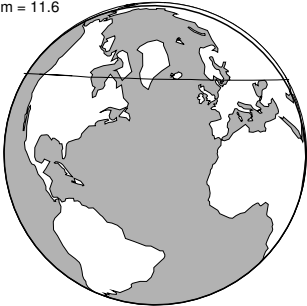
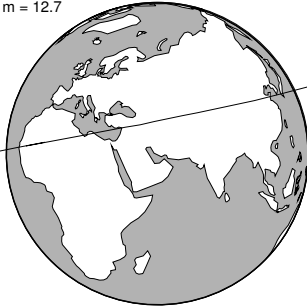
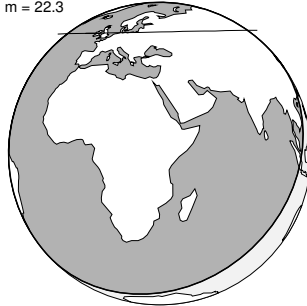
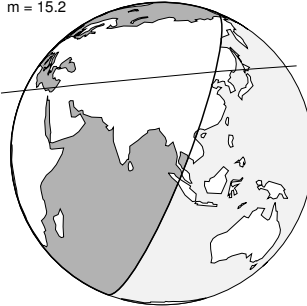
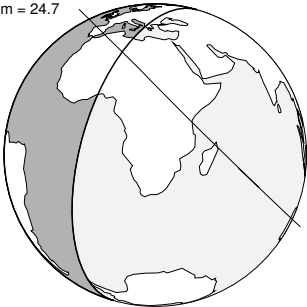
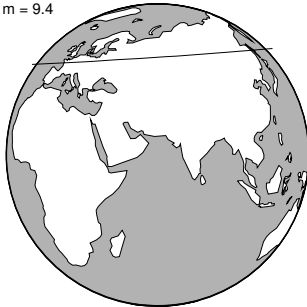
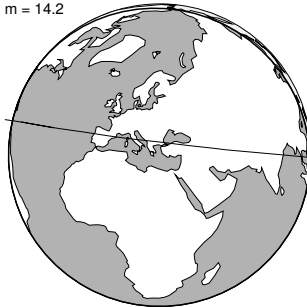
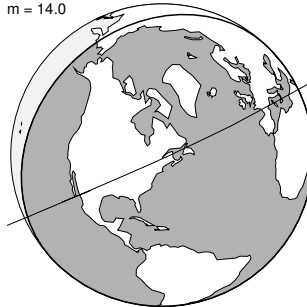
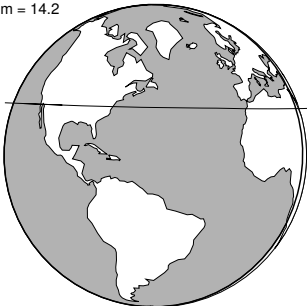
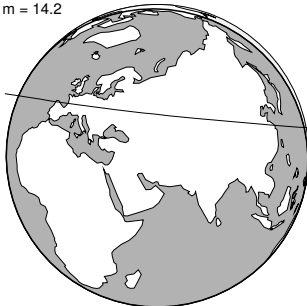
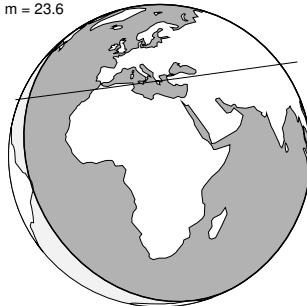
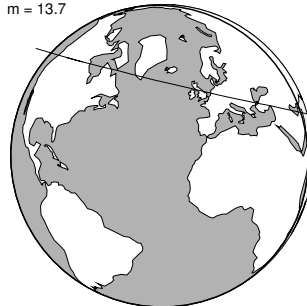
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 nov 22 19h30.6m</b> A25_11128 925 Alphonsina TYC 3315–01032–1 Diam = 57.0 m = 11.2 m = 12.3</p>  <p>Dur = 4.6s Dmag = 1.5 Sun: 151° Moon: 145°</p>	<p><b>2025 nov 25 1h 1.2m</b> A25_11108 571 Dulcinea PPMX 3945160 Diam = 44.0 m = 12.5 m = 13.3</p>  <p>Dur = 6.6s Dmag = 1.2 Sun: 166° Moon: 137°</p>	<p><b>2025 nov 25 21h20.4m</b> A25_11062 242 Kriemhild UCAC4 496–020166 Diam = 41.5 m = 12.4 m = 13.6</p>  <p>Dur = 4.6s Dmag = 1.5 Sun: 148° Moon: 143°</p>	<p><b>2025 nov 25 21h59.0m</b> A25_11110 623 Chimaera UCAC4 604–002455 Diam = 46.0 m = 11.8 m = 14.4</p>  <p>Dur = 7.2s Dmag = 2.7 Sun: 136° Moon: 81°</p>
<p><b>2025 nov 27 1h28.8m</b> A25_11021 73 Klytia TYC 0617–00444–1 Diam = 45.0 m = 12.0 m = 13.0</p>  <p>Dur = 9.6s Dmag = 1.4 Sun: 140° Moon: 65°</p>	<p><b>2025 nov 27 3h10.4m</b> B25_11007 469421 2001XD255 UCAC4 571–047074 Diam = 292.4 m = 13.2 m = 21.7</p>  <p>Dur = 41.9s Dmag = 8.6 Sun: 103° Moon: 172°</p>	<p><b>2025 nov 27 5h24.1m</b> A25_11006 20 Massalia UCAC4 465–046930 Diam = 151.0 m = 11.3 m = 10.9</p>  <p>Dur = 5.7s Dmag = 0.6 Sun: 73° Moon: 151°</p>	<p><b>2025 nov 28 4h48.0m</b> A25_11087 410 Chloris UCAC4 532–010625 Diam = 128.0 m = 11.7 m = 13.1</p>  <p>Dur = 8.0s Dmag = 1.7 Sun: 168° Moon: 101°</p>
<p><b>2025 nov 28 22h 6.7m</b> A25_11120 774 Armor TYC 1308–01055–1 Diam = 57.0 m = 11.7 m = 13.7</p>  <p>Dur = 3.9s Dmag = 2.2 Sun: 164° Moon: 98°</p>	<p><b>2025 nov 29 19h 8.1m</b> A25_11017 49 Pales UCAC4 375–178007 Diam = 154.0 m = 12.0 m = 13.3</p>  <p>Dur = 5.2s Dmag = 1.6 Sun: 64° Moon: 44°</p>	<p><b>2025 nov 30 0h 3.6m</b> B25_11005 463368 2012VU85 UCAC4 514–040579 Diam = 144.5 m = 14.1 m = 20.8</p>  <p>Dur = 9.0s Dmag = 6.7 Sun: 136° Moon: 111°</p>	<p><b>2025 dec 1 7h14.7m</b> A25_12071 219 Thusneida TYC 0190–00798–1 Diam = 43.6 m = 10.4 m = 13.3</p>  <p>Dur = 6.0s Dmag = 2.9 Sun: 133° Moon: 97°</p>
<p><b>2025 dec 3 20h32.0m</b> A25_12115 583 Klotilde TYC 1362–00037–1 Diam = 86.0 m = 11.4 m = 13.6</p>  <p>Dur = 17.4s Dmag = 2.3 Sun: 135° Moon: 61°</p>	<p><b>2025 dec 4 0h16.1m</b> A25_12188 2015VQ167 TYC 0678–00148–1 Diam = 87.1 m = 11.2 m = 24.9</p>  <p>Dur = 3.4s Dmag = 13.8 Sun: 167° Moon: 13°</p>	<p><b>2025 dec 6 3h10.5m</b> A25_12173 2363 Cebriones UCAC5 455–004859 Diam = 91.7 m = 12.4 m = 16.5</p>  <p>Dur = 5.2s Dmag = 4.1 Sun: 152° Moon: 43°</p>	<p><b>2025 dec 6 3h13.8m</b> A25_12068 209 Dido UCAC4 617–026323 Diam = 149.0 m = 11.7 m = 13.1</p>  <p>Dur = 10.8s Dmag = 1.7 Sun: 164° Moon: 7°</p>

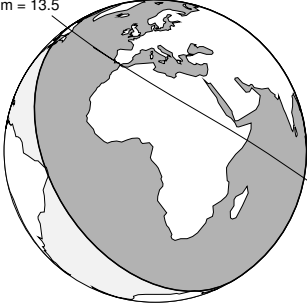
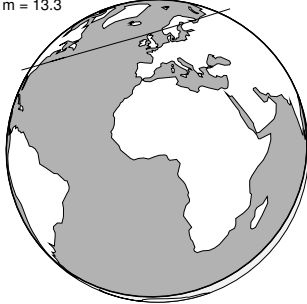
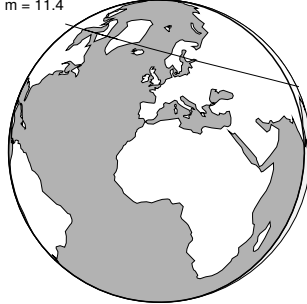
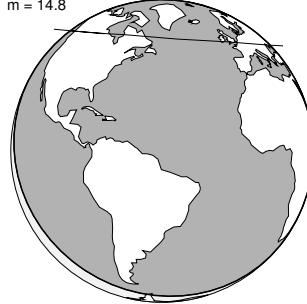
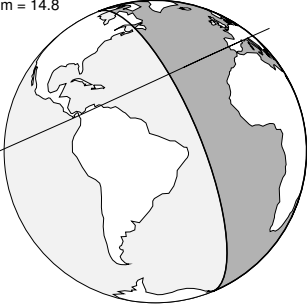
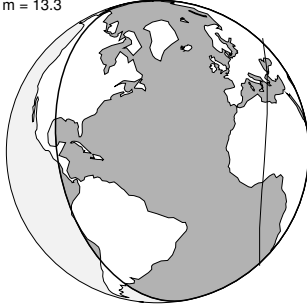
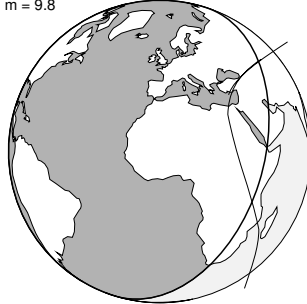
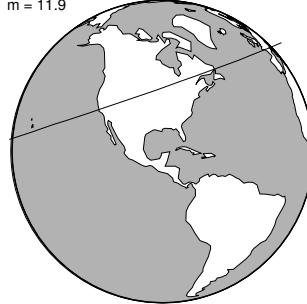
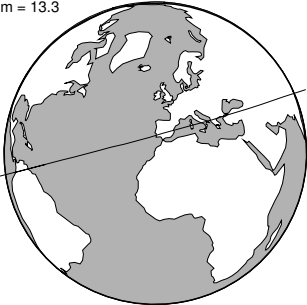
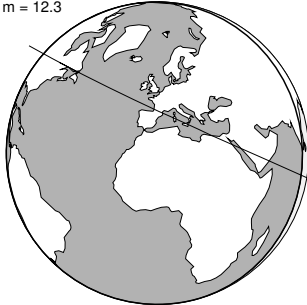


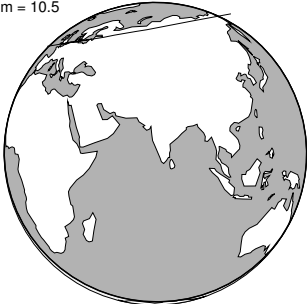
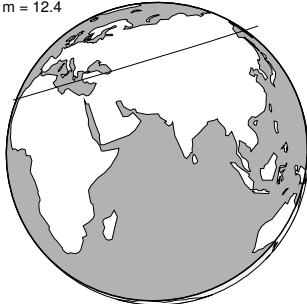
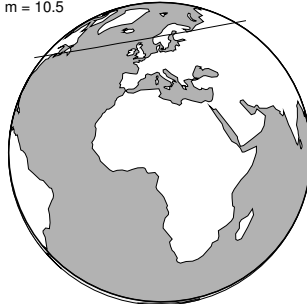
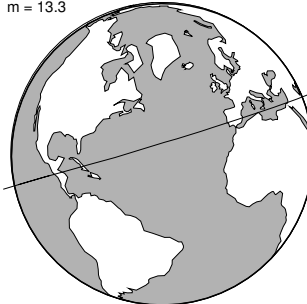
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 dec 6 17h56.3m</b> A25_12044 105 Artemis TYC 5240-00597-1 Diam = 123.0 m = 9.6 m = 13.6</p>  <p>Dur = 5.9s Dmag = 4.1 Sun: 85° Moon: 120°</p>	<p><b>2025 dec 6 18h10.1m</b> A25_12026 43 Ariadne UCAC4 569-014253 Diam = 65.3 m = 11.9 m = 11.1</p>  <p>Dur = 5.0s Dmag = 0.4 Sun: 177° Moon: 23°</p>	<p><b>2025 dec 7 0h57.3m</b> A25_12147 1041 Asta TYC 2443-00909-1 Diam = 60.6 m = 12.1 m = 14.2</p>  <p>Dur = 5.5s Dmag = 2.2 Sun: 153° Moon: 8°</p>	<p><b>2025 dec 7 1h 6.5m</b> A25_12020 42 Isis UCAC4 573-032798 Diam = 107.0 m = 11.9 m = 11.5</p>  <p>Dur = 8.9s Dmag = 0.6 Sun: 155° Moon: 6°</p>
<p><b>2025 dec 7 2h50.9m</b> A25_12040 94 Aurora TYC 2398-00597-1 Diam = 212.0 m = 10.8 m = 11.6</p>  <p>Dur = 18.1s Dmag = 1.3 Sun: 166° Moon: 24°</p>	<p><b>2025 dec 7 20h41.4m</b> A25_12092 371 Bohemia TYC 1855-00226-1 Diam = 56.7 m = 10.8 m = 12.7</p>  <p>Dur = 4.2s Dmag = 2.1 Sun: 172° Moon: 35°</p>	<p><b>2025 dec 7 22h50.5m</b> B25_12022 2014UY224 UCAC4 456-017104 Diam = 63.1 m = 14.4 m = 22.3</p>  <p>Dur = 3.2s Dmag = 7.9 Sun: 150° Moon: 34°</p>	<p><b>2025 dec 7 23h18.4m</b> A25_12112 537 Pauly TYC 0845-00959-1 Diam = 47.5 m = 11.4 m = 15.2</p>  <p>Dur = 5.5s Dmag = 3.8 Sun: 99° Moon: 38°</p>
<p><b>2025 dec 8 5h52.5m</b> B25_12018 2014FE72 UCAC4 357-063565 Diam = 241.0 m = 14.8 m = 24.7</p>  <p>Dur = 12.1s Dmag = 9.8 Sun: 60° Moon: 76°</p>	<p><b>2025 dec 8 19h37.6m</b> A25_12004 16 Psyche TYC 1285-01632-1 Diam = 264.0 m = 10.6 m = 9.4</p>  <p>Dur = 23.3s Dmag = 0.3 Sun: 175° Moon: 54°</p>	<p><b>2025 dec 8 22h41.7m</b> A25_12080 255 Oppavia TYC 2416-01212-1 Diam = 58.0 m = 11.4 m = 14.2</p>  <p>Dur = 4.9s Dmag = 2.8 Sun: 164° Moon: 47°</p>	<p><b>2025 dec 9 3h 2.9m</b> A25_12144 1005 Arago UCAC4 690-023401 Diam = 62.7 m = 12.2 m = 14.0</p>  <p>Dur = 5.9s Dmag = 2.0 Sun: 148° Moon: 73°</p>
<p><b>2025 dec 9 4h25.3m</b> A25_12154 1269 Rollandia TYC 1324-02688-1 Diam = 109.0 m = 10.3 m = 14.2</p>  <p>Dur = 7.9s Dmag = 4.0 Sun: 166° Moon: 45°</p>	<p><b>2025 dec 9 20h33.6m</b> A25_12079 255 Oppavia UCAC4 636-027159 Diam = 58.0 m = 12.3 m = 14.2</p>  <p>Dur = 4.8s Dmag = 2.1 Sun: 164° Moon: 59°</p>	<p><b>2025 dec 10 20h27.7m</b> B25_12020 2014SV373 UCAC4 493-004845 Diam = 193.2 m = 14.6 m = 23.6</p>  <p>Dur = 8.7s Dmag = 9.0 Sun: 149° Moon: 107°</p>	<p><b>2025 dec 11 2h47.4m</b> A25_12102 438 Zeuxo TYC 2420-00479-1 Diam = 63.6 m = 11.4 m = 13.7</p>  <p>Dur = 5.2s Dmag = 2.4 Sun: 163° Moon: 67°</p>

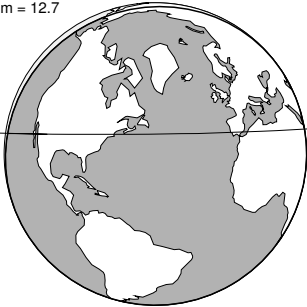
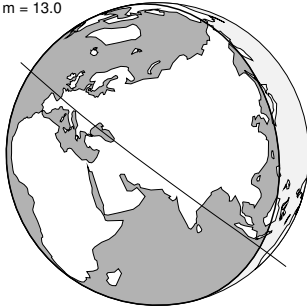
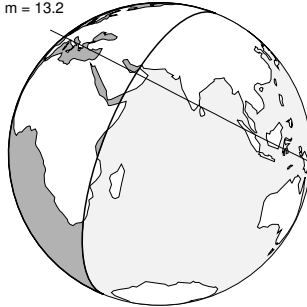
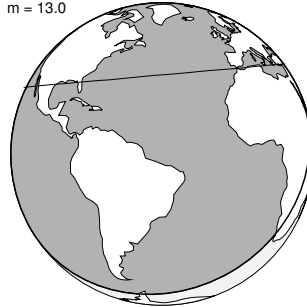
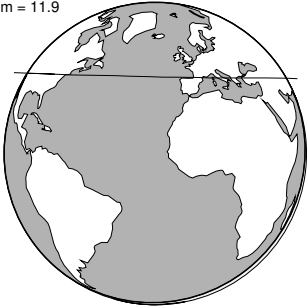
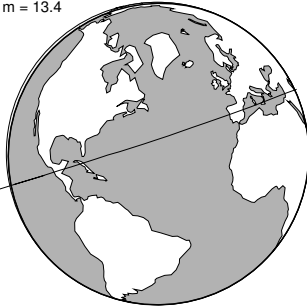
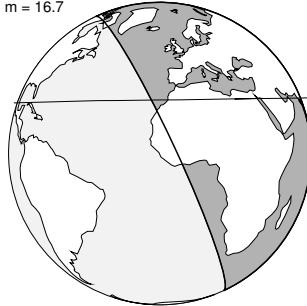
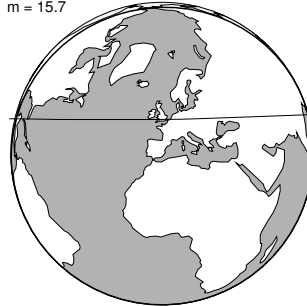
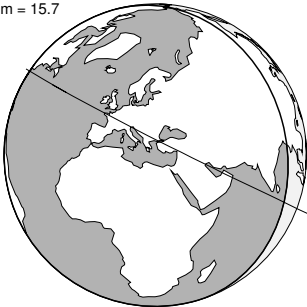
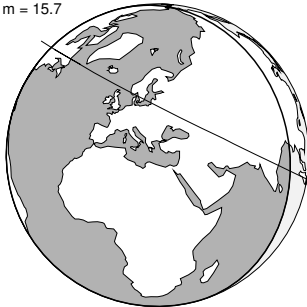
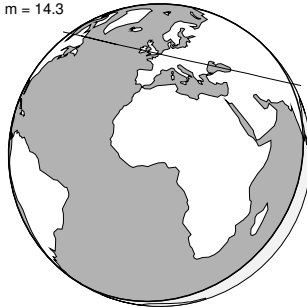
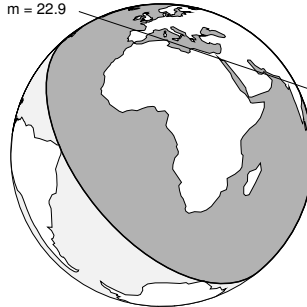
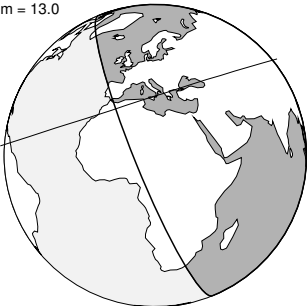
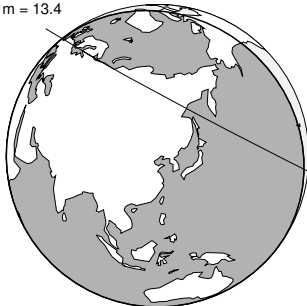
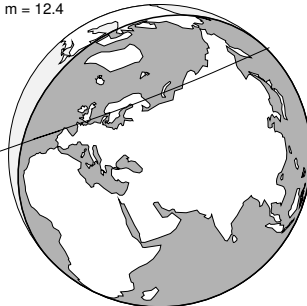
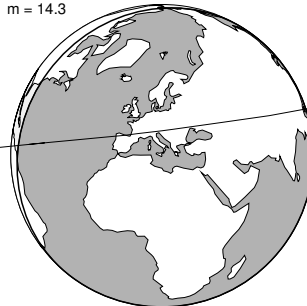
# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 dec 11 20h27.1m</b> A25_12140 924 Toni UCAC4 457-003289 Diam = 87.6 m = 12.1 m = 13.5</p>  <p>Dur = 21.8s Dmag = 1.7 Sun: 135° Moon: 132°</p>	<p><b>2025 dec 12 0h27.1m</b> A25_12075 242 Kriemhild UCAC4 490-016074 Diam = 41.5 m = 11.8 m = 13.3</p>  <p>Dur = 3.8s Dmag = 1.8 Sun: 162° Moon: 83°</p>	<p><b>2025 dec 13 1h 4.3m</b> A25_12022 42 Isis TYC 1884-00481-1 Diam = 107.0 m = 11.3 m = 11.4</p>  <p>Dur = 8.1s Dmag = 0.8 Sun: 162° Moon: 86°</p>	<p><b>2025 dec 13 2h21.4m</b> A25_12158 1345 Potomac UCAC5 486-006877 Diam = 79.3 m = 12.5 m = 14.8</p>  <p>Dur = 6.3s Dmag = 2.4 Sun: 159° Moon: 116°</p>
<p><b>2025 dec 13 19h58.0m</b> A25_12138 760 Massinga TYC 5231-01471-1 Diam = 74.8 m = 9.6 m = 14.8</p>  <p>Dur = 3.4s Dmag = 5.1 Sun: 71° Moon: 140°</p>	<p><b>2025 dec 14 23h25.9m</b> A25_12086 283 Emma UCAC4 566-003759 Diam = 150.0 m = 10.7 m = 13.3</p>  <p>Dur = 34.7s Dmag = 2.6 Sun: 131° Moon: 170°</p>	<p><b>2025 dec 15 3h23.0m</b> A25_12027 44 Nysa UCAC4 529-047270 Diam = 73.3 m = 12.2 m = 9.8</p>  <p>Dur = 96.4s Dmag = 0.1 Sun: 133° Moon: 80°</p>	<p><b>2025 dec 15 5h23.3m</b> A25_12105 441 Bathilde TYC 1293-00008-1 Diam = 73.2 m = 10.8 m = 11.9</p>  <p>Dur = 6.5s Dmag = 1.4 Sun: 172° Moon: 135°</p>
<p><b>2025 dec 17 0h25.7m</b> A25_12095 408 Fama TYC 2403-00151-1 Diam = 45.0 m = 11.1 m = 13.3</p>  <p>Dur = 3.8s Dmag = 2.3 Sun: 172° Moon: 148°</p>	<p><b>2025 dec 18 1h 7.1m</b> A25_12055 146 Lucina UCAC4 587-035293 Diam = 137.0 m = 12.3 m = 12.3</p>  <p>Dur = 10.6s Dmag = 0.8 Sun: 163° Moon: 142°</p>	<p><b>2025 dec 18 4h55.8m</b> A25_12135 737 Arequipa TYC 0155-01956-1 Diam = 46.3 m = 11.9 m = 13.3</p>  <p>Dur = 3.3s Dmag = 1.6 Sun: 156° Moon: 138°</p>	<p><b>2025 dec 18 4h55.8m</b> A25_12134 737 Arequipa TYC 0155-01956-2 Diam = 46.3 m = 11.4 m = 13.3</p>  <p>Dur = 3.3s Dmag = 2.1 Sun: 156° Moon: 138°</p>
<p><b>2025 dec 19 18h47.9m</b> A25_12032 80 Sappho UCAC4 509-012822 Diam = 81.7 m = 11.5 m = 10.5</p>  <p>Dur = 8.1s Dmag = 0.4 Sun: 168° Moon: 164°</p>	<p><b>2025 dec 19 20h 6.9m</b> A25_12084 266 Aline TYC 0736-01045-1 Diam = 113.0 m = 11.0 m = 12.4</p>  <p>Dur = 9.4s Dmag = 1.6 Sun: 164° Moon: 159°</p>	<p><b>2025 dec 19 23h 2.6m</b> A25_12031 80 Sappho TYC 0722-00401-1 Diam = 81.7 m = 9.9 m = 10.5</p>  <p>Dur = 8.1s Dmag = 1.1 Sun: 167° Moon: 163°</p>	<p><b>2025 dec 20 2h25.3m</b> A25_12097 408 Fama TYC 2403-00219-1 Diam = 45.0 m = 11.8 m = 13.3</p>  <p>Dur = 3.8s Dmag = 1.7 Sun: 170° Moon: 174°</p>

# Occultations by major and minor planets – 2025

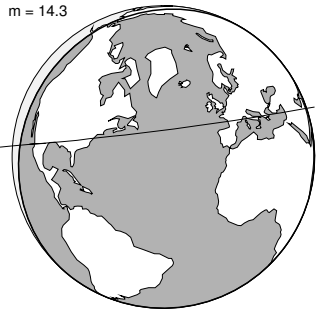
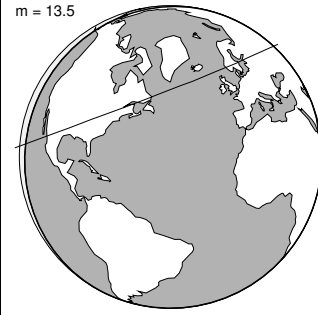
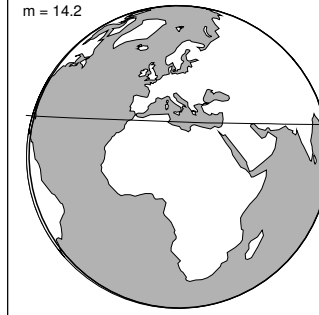
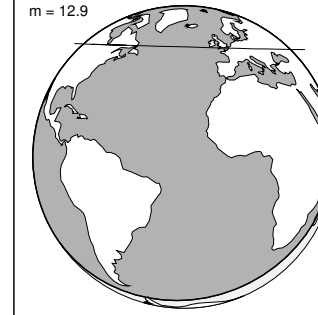
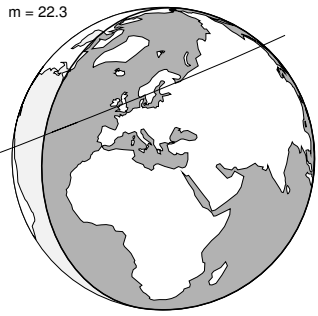
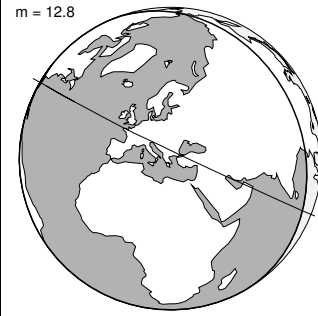
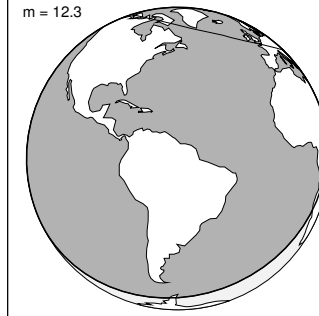
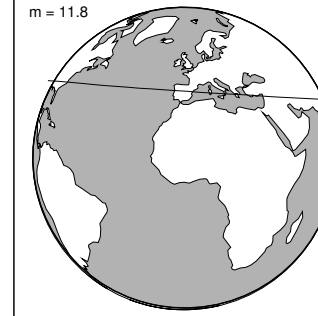
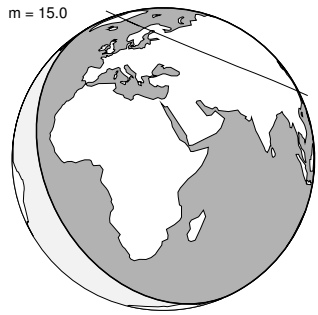

# Region 3

<p><b>2025 dec 20 2h41.0m</b> A25_12061 187 Lamberta PPMX 3977317 Diam = 135.0 m = 11.9 m = 12.7</p>  <p>Dur = 9.1s Dmag = 1.2 Sun: 164° Moon: 169°</p>	<p><b>2025 dec 20 22h20.3m</b> A25_12059 186 Celuta UCAC4 646-046521 Diam = 52.3 m = 12.4 m = 13.0</p>  <p>Dur = 5.4s Dmag = 1.1 Sun: 142° Moon: 153°</p>	<p><b>2025 dec 22 3h 3.7m</b> A25_12039 93 Minerva UCAC4 407-056468 Diam = 170.8 m = 11.5 m = 13.2</p>  <p>Dur = 5.9s Dmag = 1.9 Sun: 67° Moon: 91°</p>	<p><b>2025 dec 22 3h47.0m</b> A25_12119 611 Valeria TYC 0149-00035-1 Diam = 59.0 m = 11.5 m = 13.0</p>  <p>Dur = 5.8s Dmag = 1.8 Sun: 154° Moon: 154°</p>
<p><b>2025 dec 23 2h 0.4m</b> A25_12016 34 Circe UCAC4 521-028885 Diam = 118.0 m = 11.4 m = 11.9</p>  <p>Dur = 11.1s Dmag = 1.0 Sun: 167° Moon: 152°</p>	<p><b>2025 dec 23 2h29.2m</b> A25_12096 408 Fama PPMX 3982397 Diam = 45.0 m = 12.1 m = 13.4</p>  <p>Dur = 3.9s Dmag = 1.6 Sun: 168° Moon: 137°</p>	<p><b>2025 dec 23 18h 9.2m</b> A25_12164 1574 Meyer UCAC4 496-147883 Diam = 64.2 m = 11.9 m = 16.7</p>  <p>Dur = 3.3s Dmag = 4.8 Sun: 83° Moon: 44°</p>	<p><b>2025 dec 23 23h47.7m</b> A25_12179 3248 Farinella UCAC4 642-030586 Diam = 50.1 m = 11.6 m = 15.7</p>  <p>Dur = 3.4s Dmag = 4.0 Sun: 164° Moon: 131°</p>
<p><b>2025 dec 24 0h22.3m</b> A25_12171 2239 Paracelsus TYC 2477-00693-1 Diam = 43.1 m = 10.7 m = 15.7</p>  <p>Dur = 3.9s Dmag = 5.1 Sun: 150° Moon: 157°</p>	<p><b>2025 dec 24 0h23.1m</b> A25_12170 2239 Paracelsus TYC 2477-00693-2 Diam = 43.1 m = 10.6 m = 15.7</p>  <p>Dur = 3.9s Dmag = 5.2 Sun: 150° Moon: 157°</p>	<p><b>2025 dec 25 1h 9.5m</b> A25_12125 676 Melitta TYC 0765-00273-1 Diam = 82.6 m = 9.8 m = 14.3</p>  <p>Dur = 6.3s Dmag = 4.5 Sun: 156° Moon: 142°</p>	<p><b>2025 dec 25 20h32.3m</b> B25_12019 2014RL74 UCAC4 388-003765 Diam = 271.6 m = 15.0 m = 22.9</p>  <p>Dur = 14.5s Dmag = 8.0 Sun: 123° Moon: 67°</p>
<p><b>2025 dec 26 17h 6.5m</b> A25_12050 134 Sophrosyne TYC 1180-01648-1 Diam = 107.0 m = 12.2 m = 13.0</p>  <p>Dur = 7.8s Dmag = 1.2 Sun: 97° Moon: 24°</p>	<p><b>2025 dec 26 17h 6.7m</b> A25_12110 536 Merapi TYC 2961-00367-1 Diam = 158.0 m = 10.4 m = 13.4</p>  <p>Dur = 10.2s Dmag = 3.1 Sun: 158° Moon: 113°</p>	<p><b>2025 dec 26 19h 8.1m</b> A25_12042 98 lanthe TYC 3347-00919-1 Diam = 109.0 m = 12.1 m = 12.4</p>  <p>Dur = 11.0s Dmag = 0.9 Sun: 149° Moon: 85°</p>	<p><b>2025 dec 27 21h47.9m</b> A25_12082 255 Oppavia HIP 24379 Diam = 58.0 m = 6.9 m = 14.3</p>  <p>Dur = 5.2s Dmag = 7.4 Sun: 159° Moon: 73°</p>



# Occultations by major and minor planets – 2025

# Region 3

<p><b>2025 dec 28 1h22.8m</b> A25_12081 255 Oppavia PPMX 3973857 Diam = 58.0 m = 11.8 m = 14.3</p>  <p>Dur = 5.2s Dmag = 2.6 Sun: 159° Moon: 71°</p>	<p><b>2025 dec 28 1h49.0m</b> A25_12098 408 Fama UCAC4 602-019579 Diam = 45.0 m = 10.9 m = 13.5</p>  <p>Dur = 4.1s Dmag = 2.7 Sun: 163° Moon: 71°</p>	<p><b>2025 dec 28 22h18.4m</b> A25_12157 1269 Rollandia TYC 1311-03183-1 Diam = 109.0 m = 11.5 m = 14.2</p>  <p>Dur = 7.7s Dmag = 2.8 Sun: 169° Moon: 65°</p>	<p><b>2025 dec 29 2h21.7m</b> A25_12073 219 Thusnelda UCAC5 475-028306 Diam = 43.6 m = 12.5 m = 12.9</p>  <p>Dur = 3.5s Dmag = 1.0 Sun: 159° Moon: 85°</p>
<p><b>2025 dec 29 19h43.7m</b> B25_12021 2014UH192 UCAC4 625-013707 Diam = 190.5 m = 14.8 m = 22.3</p>  <p>Dur = 9.6s Dmag = 7.6 Sun: 143° Moon: 31°</p>	<p><b>2025 dec 30 0h21.4m</b> A25_12060 186 Celuta TYC 2978-01441-1 Diam = 52.3 m = 9.0 m = 12.8</p>  <p>Dur = 4.5s Dmag = 3.9 Sun: 150° Moon: 81°</p>	<p><b>2025 dec 30 4h34.7m</b> A25_12063 194 Prokne UCAC4 453-033313 Diam = 174.0 m = 12.3 m = 12.3</p>  <p>Dur = 11.7s Dmag = 0.8 Sun: 155° Moon: 74°</p>	<p><b>2025 dec 31 0h 9.9m</b> A25_12017 34 Circe UCAC5 522-025373 Diam = 118.0 m = 12.5 m = 11.8</p>  <p>Dur = 10.8s Dmag = 0.5 Sun: 170° Moon: 48°</p>
<p><b>2025 dec 31 19h24.4m</b> A25_12159 1345 Potomac UCAC4 488-006819 Diam = 79.3 m = 11.3 m = 15.0</p>  <p>Dur = 8.7s Dmag = 3.7 Sun: 142° Moon: 19°</p>	<p><b>2025 dec 31 23h22.4m</b> A25_12106 441 Bathilde UCAC4 552-010709 Diam = 73.2 m = 10.2 m = 12.3</p>  <p>Dur = 8.8s Dmag = 2.2 Sun: 151° Moon: 9°</p>		