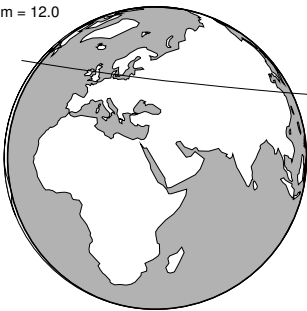
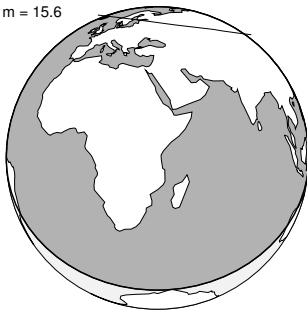
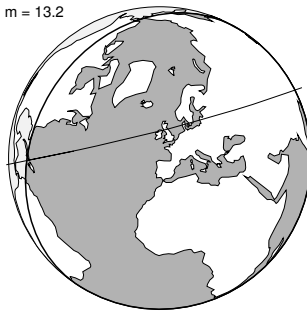
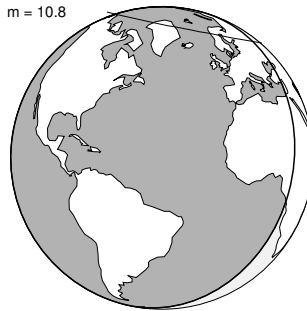
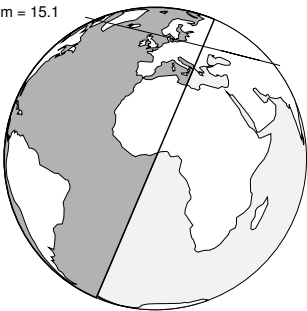
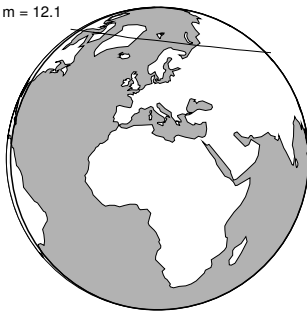
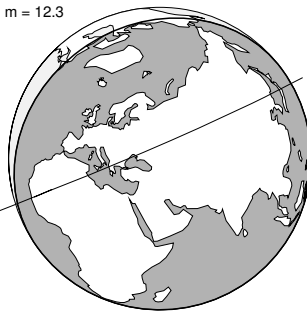
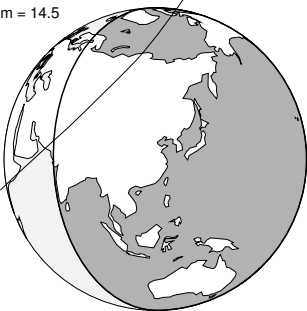
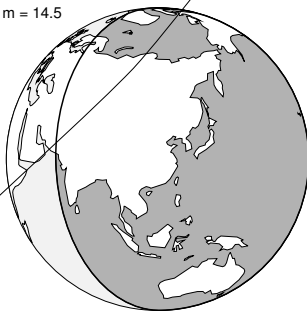
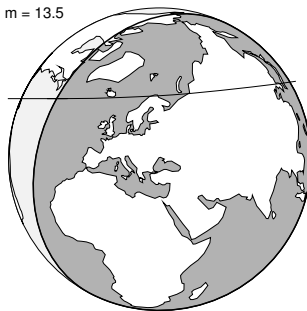
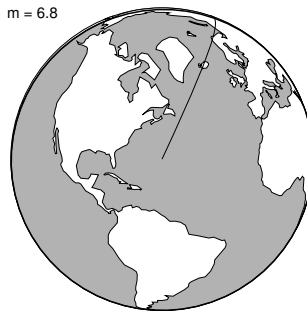
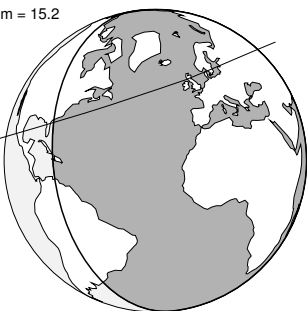
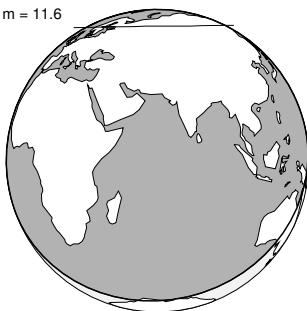
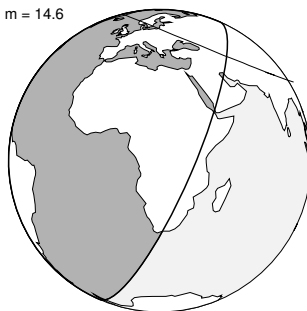
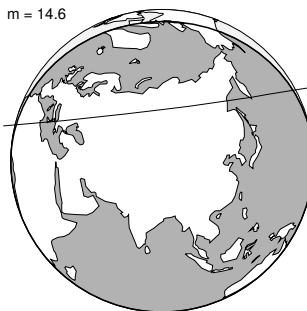


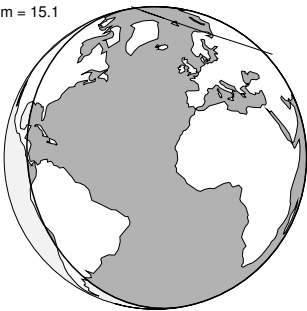
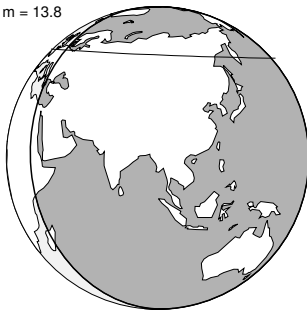
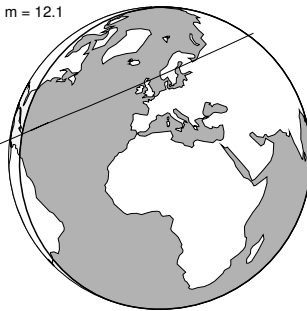
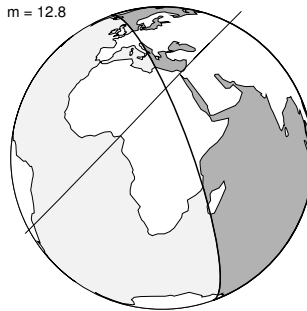
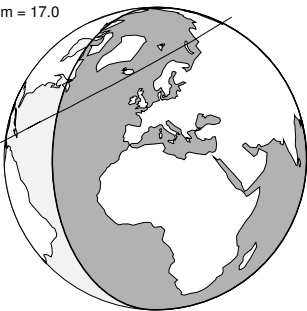
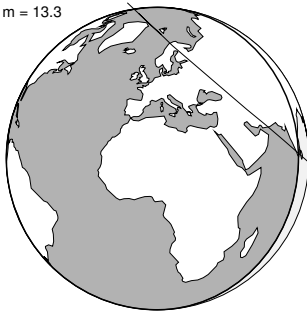
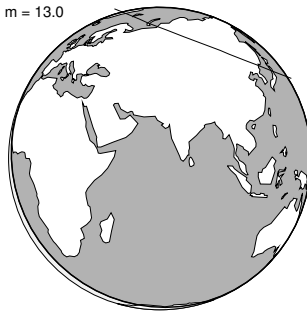
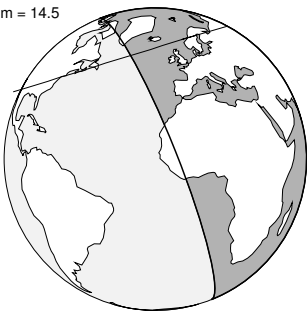
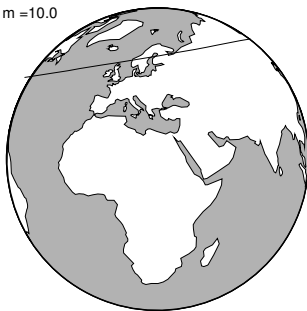
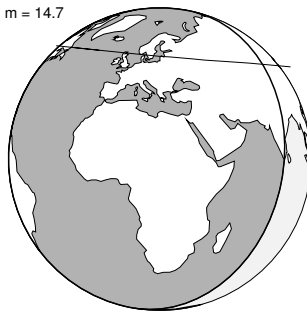
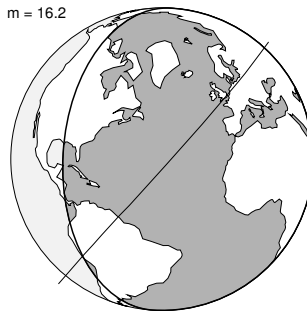
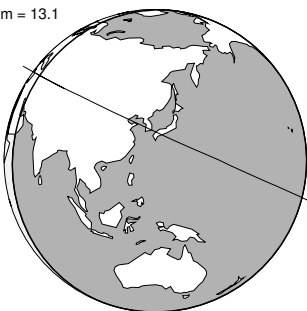
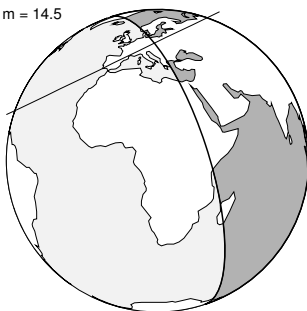
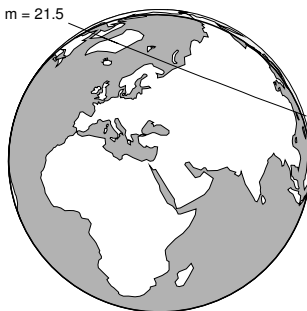
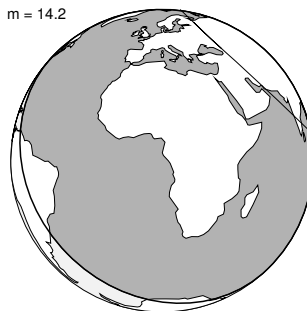
Occultations by major and minor planets – 2027

Region 5

2027 jan 1 20h34.1m A27_01081 449 Hamburga UCAC4 572–021208 Diam = 88.6 m = 11.6 m = 12.0  Dur = 10.4s Dmag = 1.0 Sun: 167° Moon: 126°	2027 jan 1 21h33.5m A27_01168 3451 Mentor UCAC4 420–020599 Diam = 100.0 m = 12.1 m = 15.6  Dur = 5.5s Dmag = 3.5 Sun: 150° Moon: 106°	2027 jan 1 22h33.2m A27_01095 546 Herodias TYC 2905–01111–1 Diam = 69.7 m = 11.3 m = 13.2  Dur = 8.5s Dmag = 2.0 Sun: 147° Moon: 138°	2027 jan 2 5h 1.1m A27_01009 30 Urania UCAC4 540–048083 Diam = 104.0 m = 12.0 m = 10.8  Dur = 13.8s Dmag = 0.3 Sun: 150° Moon: 88°
2027 jan 2 6h10.1m A27_01093 519 Sylvania UCAC4 470–047442 Diam = 53.1 m = 12.1 m = 15.1  Dur = 3.7s Dmag = 3.1 Sun: 90° Moon: 32°	2027 jan 2 22h14.4m A27_01079 449 Hamburga TYC 1863–00032–1 Diam = 88.6 m = 11.6 m = 12.1  Dur = 10.5s Dmag = 1.0 Sun: 166° Moon: 140°	2027 jan 6 19h54.4m A27_01016 61 Danaë PPMX 2144466 Diam = 83.6 m = 12.2 m = 12.3  Dur = 6.1s Dmag = 0.8 Sun: 152° Moon: 161°	2027 jan 6 23h 9.0m A27_01082 449 Hamburga UCAC4 572–020150 Diam = 88.6 m = 12.1 m = 12.2  Dur = 11.3s Dmag = 0.8 Sun: 161° Moon: 171°
2027 jan 9 12h49.3m A27_01156 1351 Uzbekistania Gaia 123–0020876 Diam = 67.1 m = 9.7 m = 14.5  Dur = 15.3s Dmag = 4.8 Sun: 132° Moon: 115°	2027 jan 9 13h 2.8m A27_01155 1351 Uzbekistania HIP 17845 Diam = 67.1 m = 7.5 m = 14.5  Dur = 15.3s Dmag = 7.0 Sun: 132° Moon: 115°	2027 jan 9 19h37.6m A27_01133 907 Rhoda PPMX 2098652 Diam = 65.8 m = 12.3 m = 13.5  Dur = 9.0s Dmag = 1.5 Sun: 142° Moon: 125°	2027 jan 12 3h49.1m A27_01001 1 Ceres TYC 2451–01911–1 Diam = 952.5 m = 12.3 m = 6.8  Dur = 80.5s Dmag = 0.0 Sun: 170° Moon: 127°
2027 jan 13 22h32.9m A27_01108 615 Roswitha UCAC4 574–010282 Diam = 49.5 m = 11.6 m = 15.2  Dur = 10.6s Dmag = 3.6 Sun: 132° Moon: 65°	2027 jan 14 20h16.4m A27_01121 712 Boliviana TYC 4847–02382–1 Diam = 132.0 m = 11.7 m = 11.6  Dur = 12.9s Dmag = 0.7 Sun: 157° Moon: 113°	2027 jan 15 3h38.7m A27_01018 74 Galatea HIP 61763 Diam = 123.0 m = 6.2 m = 14.6  Dur = 18.8s Dmag = 8.4 Sun: 102° Moon: 175°	2027 jan 15 18h19.6m A27_01106 605 Juvisia TYC 2971–00716–1 Diam = 72.0 m = 11.5 m = 14.6  Dur = 4.9s Dmag = 3.1 Sun: 156° Moon: 84°

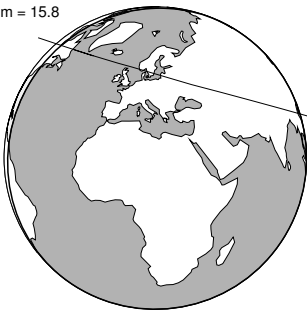
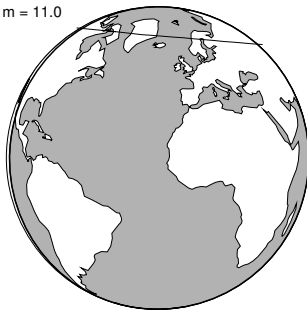
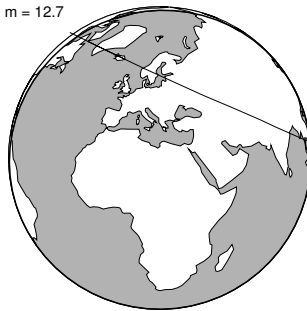
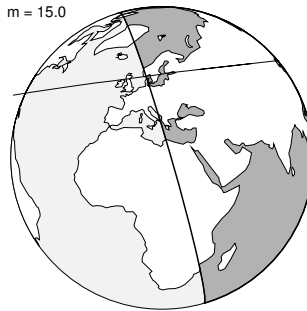
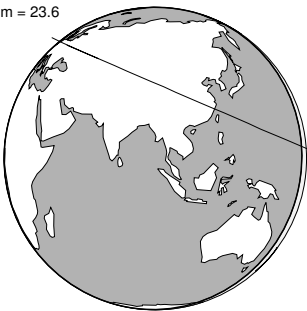
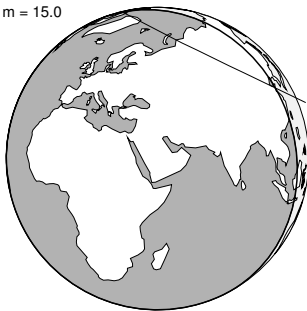
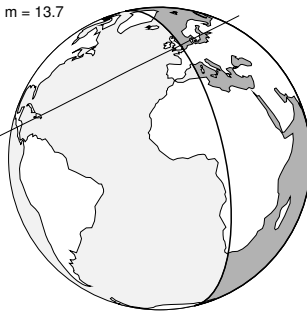
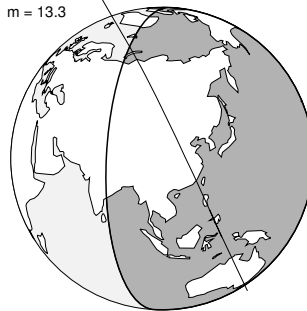
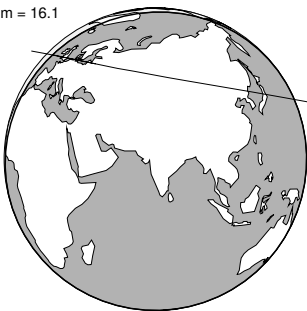
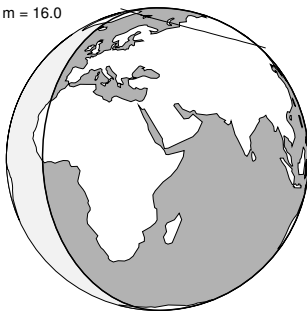
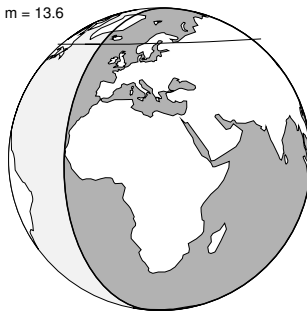
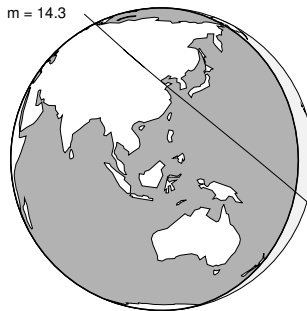
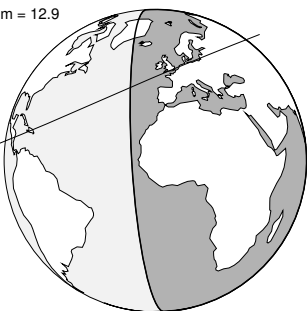
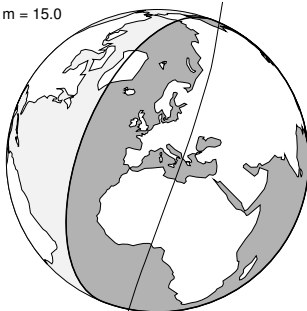
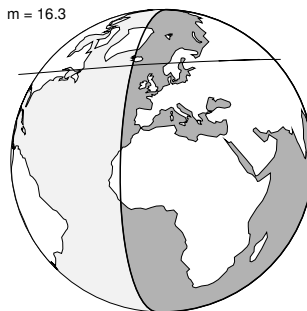
Occultations by major and minor planets – 2027

Region 5

2027 jan 15 23h31.8m A27_01148 1271 Isergina UCAC4 540-016108 Diam = 49.5 m = 12.3 m = 15.1  Dur = 6.1s Dmag = 2.8 Sun: 147° Moon: 57°	2027 jan 18 15h30.1m A27_01064 379 Huenna TYC 1310-00252-1 Diam = 96.1 m = 11.1 m = 13.8  Dur = 10.9s Dmag = 2.8 Sun: 147° Moon: 23°	2027 jan 18 22h16.7m A27_01116 702 Alauda TYC 1887-01545-1 Diam = 202.0 m = 10.2 m = 12.1  Dur = 14.2s Dmag = 2.1 Sun: 157° Moon: 28°	2027 jan 20 15h49.9m A27_01040 164 Eva UCAC5 430-001635 Diam = 110.0 m = 12.5 m = 12.8  Dur = 3.5s Dmag = 0.9 Sun: 78° Moon: 77°
2027 jan 20 20h20.7m A27_01171 5144 Achates UCAC4 607-014656 Diam = 69.2 m = 12.1 m = 17.0  Dur = 6.3s Dmag = 5.0 Sun: 132° Moon: 23°	2027 jan 21 1h14.1m A27_01136 931 Whitemora TYC 1416-01474-1 Diam = 52.6 m = 12.0 m = 13.3  Dur = 4.7s Dmag = 1.6 Sun: 158° Moon: 41°	2027 jan 23 18h51.3m A27_01105 585 Bilkis PPMX 7103643 Diam = 60.3 m = 12.1 m = 13.0  Dur = 6.8s Dmag = 1.3 Sun: 164° Moon: 29°	2027 jan 24 17h20.1m A27_01036 124 Alkeste TYC 0027-00861-1 Diam = 79.5 m = 9.9 m = 13.6  Dur = 3.6s Dmag = 3.7 Sun: 78° Moon: 133°
2027 jan 24 18h33.1m A27_01092 517 Edith UCAC4 512-002328 Diam = 95.0 m = 12.3 m = 14.5  Dur = 4.2s Dmag = 2.4 Sun: 81° Moon: 130°	2027 jan 27 22h 9.3m A27_01035 115 Thyra TYC 1390-01393-1 Diam = 83.5 m = 11.6 m = 10.0  Dur = 7.7s Dmag = 0.2 Sun: 174° Moon: 78°	2027 jan 28 1h14.4m A27_01139 1005 Arago PPMX 7233284 Diam = 62.7 m = 11.9 m = 14.7  Dur = 6.0s Dmag = 2.9 Sun: 144° Moon: 41°	2027 jan 28 23h32.9m A27_01159 1867 Deiphobus PPMX 3973568 Diam = 131.0 m = 12.4 m = 16.2  Dur = 10.5s Dmag = 3.8 Sun: 130° Moon: 133°
2027 jan 30 14h 9.3m A27_01111 628 Christine UCAC5 568-038389 Diam = 51.0 m = 12.5 m = 13.1  Dur = 4.4s Dmag = 1.1 Sun: 160° Moon: 122°	2027 jan 31 15h39.5m A27_01046 191 Kolga UCAC4 447-001911 Diam = 105.0 m = 12.4 m = 14.5  Dur = 3.8s Dmag = 2.2 Sun: 70° Moon: 133°	2027 feb 4 22h 8.3m B27_02003 523757 2014WH509 UCAC4 608-046154 Diam = 403.6 m = 14.1 m = 21.5  Dur = 15.6s Dmag = 7.4 Sun: 163° Moon: 157°	2027 feb 5 22h15.2m A27_02099 892 Seeligeria UCAC4 431-041873 Diam = 78.5 m = 10.7 m = 14.2  Dur = 5.9s Dmag = 3.6 Sun: 151° Moon: 154°

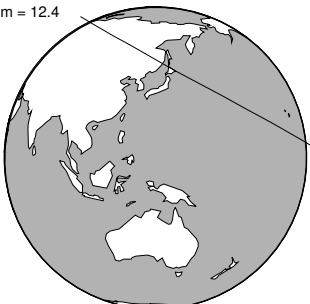
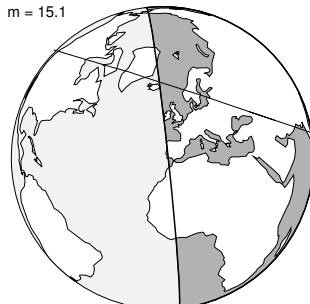
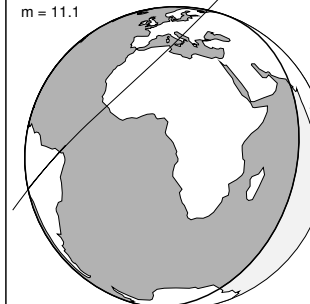
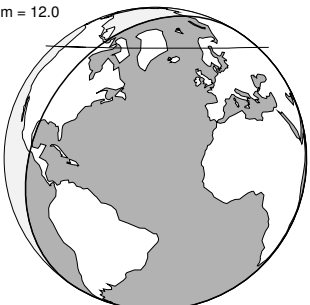
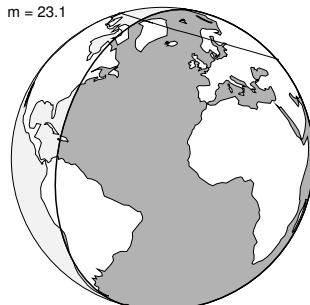
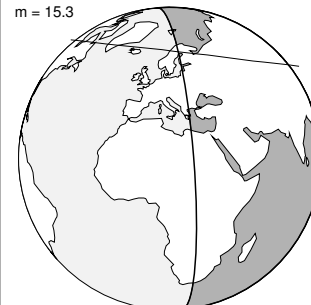
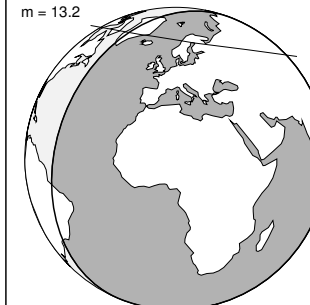
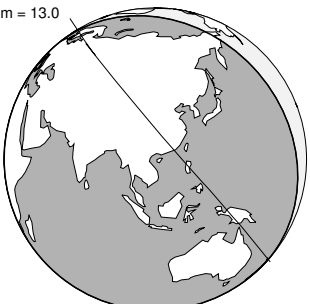
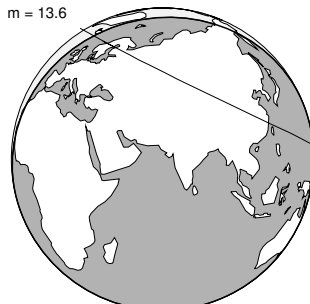
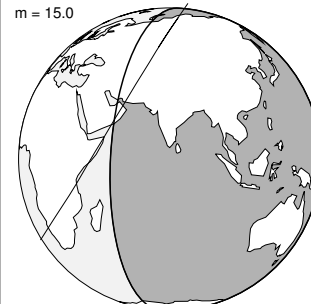
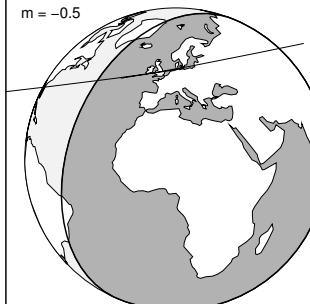
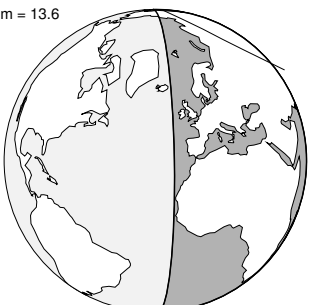
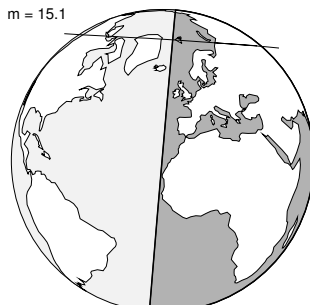
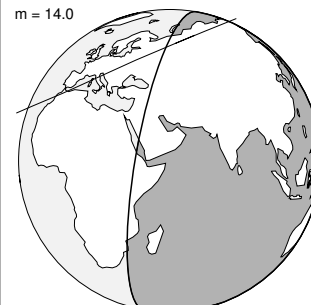
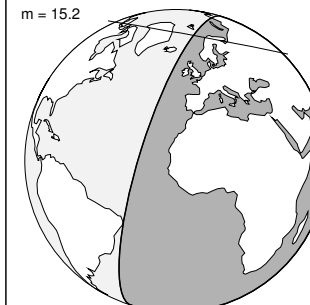
Occultations by major and minor planets – 2027

Region 5

2027 feb 8 22h12.7m A27_02103 1154 Astronomia TYC 1942-00741-1 Diam = 64.3 m = 10.8 m = 15.8  Dur = 4.5s Dmag = 5.0 Sun: 165° Moon: 140°	2027 feb 10 0h49.1m A27_02032 111 Ate TYC 1393-00388-1 Diam = 139.0 m = 9.6 m = 11.0  Dur = 14.7s Dmag = 1.7 Sun: 168° Moon: 130°	2027 feb 11 22h28.6m A27_02063 410 Chloris TYC 1954-00062-1 Diam = 128.0 m = 9.3 m = 12.7  Dur = 8.7s Dmag = 3.5 Sun: 165° Moon: 109°	2027 feb 14 16h14.2m A27_02081 613 Ginevra TYC 1787-01090-1 Diam = 82.0 m = 9.8 m = 15.0  Dur = 4.3s Dmag = 5.2 Sun: 86° Moon: 8°
2027 feb 15 18h55.9m B27_02007 2007CJ66 UCAC4 498-057470 Diam = 154.9 m = 13.3 m = 23.6  Dur = 6.3s Dmag = 10.2 Sun: 165° Moon: 86°	2027 feb 22 22h41.7m A27_02088 735 Marghanna TYC 1443-00762-1 Diam = 77.0 m = 11.7 m = 15.0  Dur = 4.8s Dmag = 3.3 Sun: 155° Moon: 25°	2027 feb 23 17h18.0m A27_02059 360 Carlova UCAC4 475-003668 Diam = 121.0 m = 11.9 m = 13.7  Dur = 3.8s Dmag = 1.9 Sun: 64° Moon: 149°	2027 feb 24 12h37.4m A27_02068 426 Hippo TYC 2409-01600-1 Diam = 134.0 m = 11.2 m = 13.3  Dur = 12.8s Dmag = 2.2 Sun: 111° Moon: 115°
2027 feb 25 18h45.6m A27_02112 3248 Farinella TYC 1968-01169-1 Diam = 50.1 m = 12.1 m = 16.1  Dur = 3.2s Dmag = 4.1 Sun: 164° Moon: 74°	2027 feb 28 18h45.0m A27_02104 1213 Algeria UCAC4 494-047805 Diam = 43.2 m = 11.6 m = 16.0  Dur = 5.7s Dmag = 4.4 Sun: 139° Moon: 133°	2027 mar 3 19h14.4m A27_03123 779 Nina TYC 0776-00194-1 Diam = 72.0 m = 9.7 m = 13.6  Dur = 14.0s Dmag = 3.9 Sun: 129° Moon: 170°	2027 mar 6 18h 2.8m A27_03163 3754 Kathleen UCAC5 488-052527 Diam = 41.7 m = 12.5 m = 14.3  Dur = 4.3s Dmag = 2.0 Sun: 154° Moon: 137°
2027 mar 6 19h24.5m A27_03024 59 Elpis UCAC4 523-014716 Diam = 173.0 m = 12.2 m = 12.9  Dur = 12.8s Dmag = 1.1 Sun: 98° Moon: 117°	2027 mar 7 20h 9.1m A27_03114 697 Galilea UCAC5 649-042455 Diam = 82.5 m = 12.4 m = 15.0  Dur = 10.4s Dmag = 2.7 Sun: 121° Moon: 126°	2027 mar 7 21h27.1m A27_03138 1041 Asta HIP 61361 Diam = 60.6 m = 11.8 m = 15.1  Dur = 4.4s Dmag = 3.3 Sun: 157° Moon: 152°	2027 mar 8 18h55.6m A27_03154 1581 Abanderada UCAC4 569-026005 Diam = 40.0 m = 10.4 m = 16.3  Dur = 5.7s Dmag = 5.9 Sun: 105° Moon: 101°

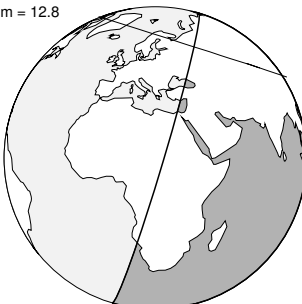
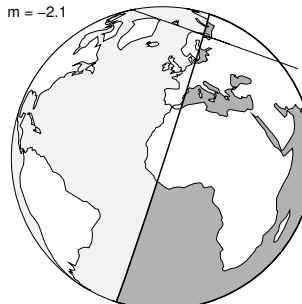
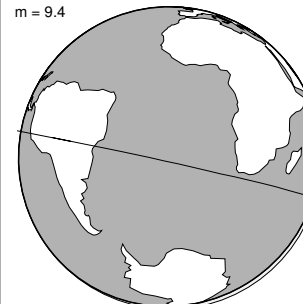
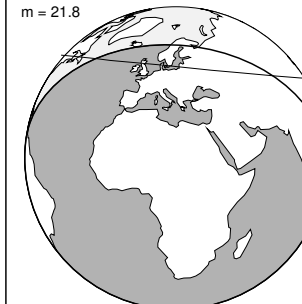
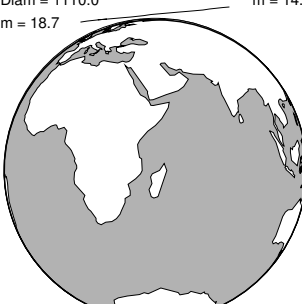
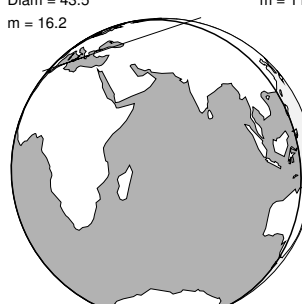
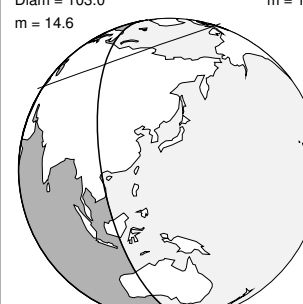
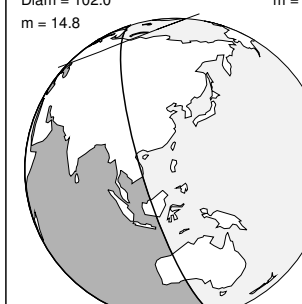
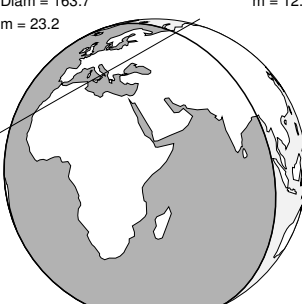
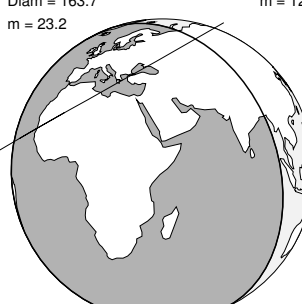
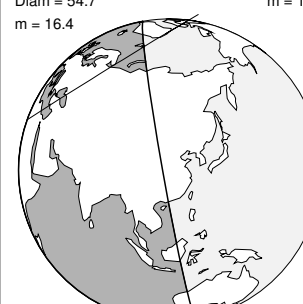
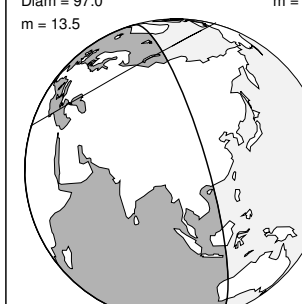
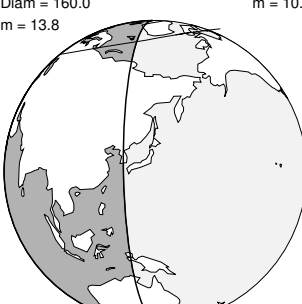
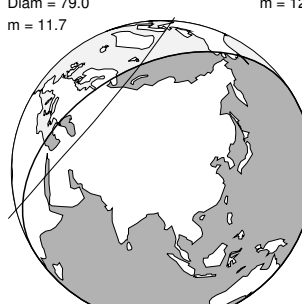
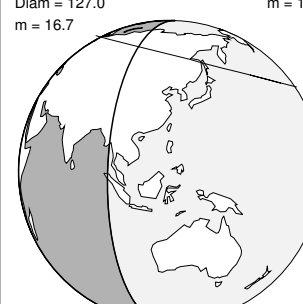
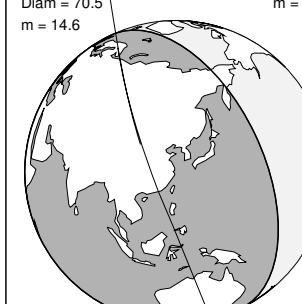
Occultations by major and minor planets – 2027

Region 5

2027 mar 11 14h52.6m A27_03072 335 Roberta UCAC4 493–057257 Diam = 93.6 m = 11.7 m = 12.4  Dur = 7.4s Dmag = 1.2 Sun: 173° Moon: 135°	2027 mar 11 18h32.3m A27_03113 693 Zerbinetta UCAC5 636–020154 Diam = 69.1 m = 12.4 m = 15.1  Dur = 3.8s Dmag = 2.8 Sun: 87° Moon: 48°	2027 mar 15 19h 4.8m B27_03011 2013RZ108 UCAC4 544–007539 Diam = 100.0 m = 13.5 m = 23.2  Dur = 5.3s Dmag = 9.8 Sun: 64° Moon: 28°	2027 mar 16 1h39.1m A27_03059 187 Lamberta HIP 68689 Diam = 135.0 m = 10.9 m = 11.1  Dur = 33.1s Dmag = 0.9 Sun: 142° Moon: 122°
2027 mar 17 0h29.1m A27_03032 68 Leto UCAC4 575–045278 Diam = 127.0 m = 12.2 m = 12.0  Dur = 12.8s Dmag = 0.7 Sun: 142° Moon: 36°	2027 mar 17 22h57.5m B27_03014 2021EE44 UCAC4 529–047416 Diam = 208.9 m = 14.7 m = 23.1  Dur = 12.4s Dmag = 8.3 Sun: 133° Moon: 14°	2027 mar 18 16h31.7m A27_03152 1306 Scythia TYC 1294–01970–1 Diam = 69.5 m = 8.8 m = 15.3  Dur = 3.2s Dmag = 6.6 Sun: 80° Moon: 49°	2027 mar 19 21h16.0m A27_03034 73 Klytia UCAC4 532–048699 Diam = 45.0 m = 12.1 m = 13.2  Dur = 7.3s Dmag = 1.4 Sun: 142° Moon: 4°
2027 mar 20 18h13.6m A27_03117 729 Watsonia HIP 64789 Diam = 53.3 m = 7.5 m = 13.0  Dur = 4.8s Dmag = 5.5 Sun: 152° Moon: 41°	2027 mar 21 19h 8.3m A27_03133 943 Begonia PPMX 6244779 Diam = 72.0 m = 12.4 m = 13.6  Dur = 7.5s Dmag = 1.5 Sun: 158° Moon: 20°	2027 mar 24 14h28.9m A27_03128 892 Seeligeria UCAC4 469–034029 Diam = 78.5 m = 12.2 m = 15.0  Dur = 6.4s Dmag = 2.9 Sun: 113° Moon: 92°	2027 mar 26 20h47.8m P27_03003 Mars TYC 1413–00454–1 Diam = 6759.2 m = 9.0 m = -0.5  Dur = 3398.2s Dmag = 0.0 Sun: 135° Moon: 100°
2027 mar 29 19h20.0m A27_03030 61 Danaë TYC 2431–01576–1 Diam = 83.6 m = 10.0 m = 13.6  Dur = 3.9s Dmag = 3.6 Sun: 82° Moon: 169°	2027 mar 31 19h20.9m A27_03127 866 Fatme TYC 1901–01316–1 Diam = 91.7 m = 11.8 m = 15.1  Dur = 6.1s Dmag = 3.3 Sun: 90° Moon: 161°	2027 apr 6 15h31.2m A27_04019 56 Melete TYC 0788–00687–1 Diam = 90.8 m = 10.9 m = 14.0  Dur = 11.8s Dmag = 3.2 Sun: 103° Moon: 108°	2027 apr 20 20h10.5m A27_04060 301 Bavaria TYC 1404–00076–1 Diam = 55.5 m = 12.0 m = 15.2  Dur = 6.5s Dmag = 3.3 Sun: 103° Moon: 75°

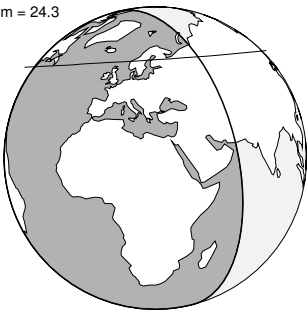
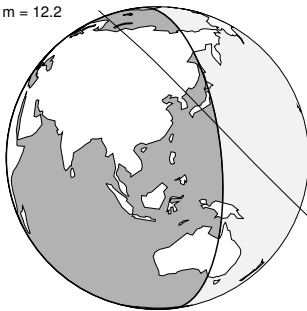
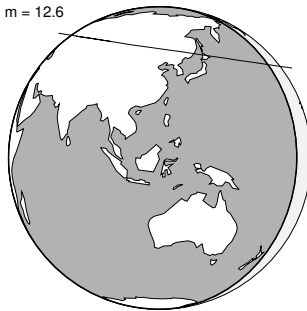
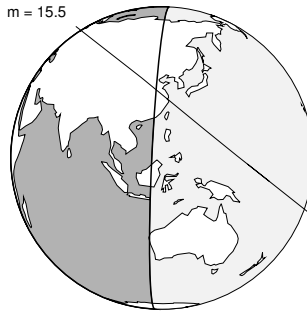
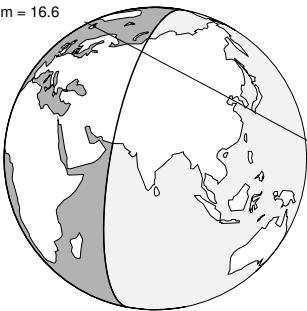
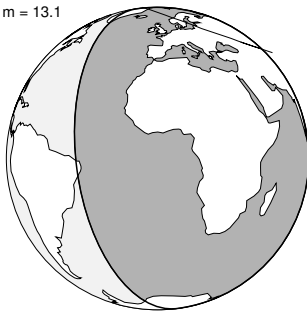
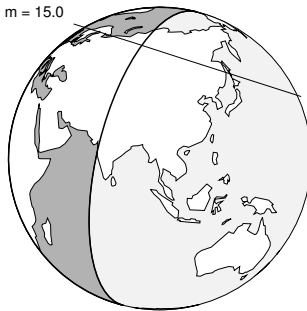
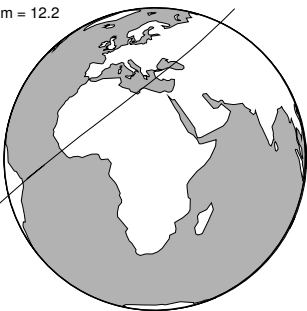
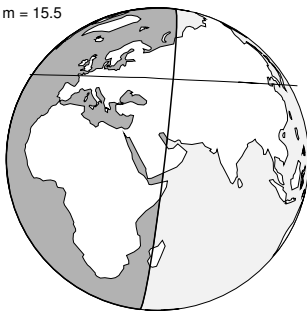
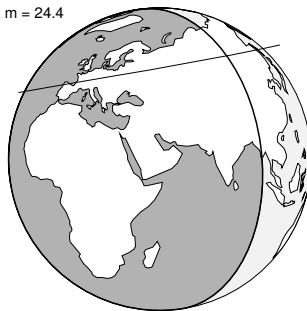
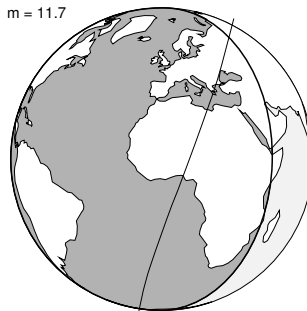
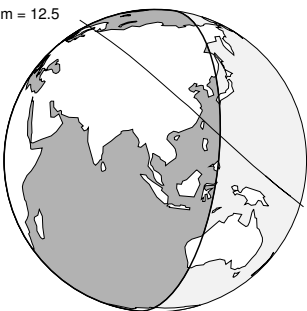
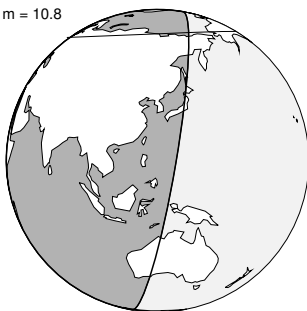
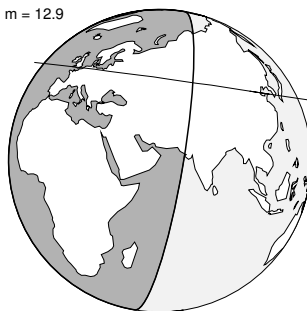
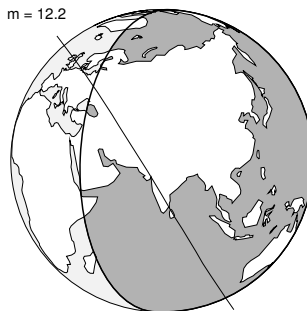
Occultations by major and minor planets – 2027

Region 5

2027 may 7 16h35.9m A27_05039 111 Ate TYC 0817–01534–1 Diam = 139.0 m = 10.9 m = 12.8  Dur = 7.0s Dmag = 2.0 Sun: 86° Moon: 71°	2027 may 9 18h54.5m P27_05002 Jupiter TYC 1402–00871–1 Diam = 133542.0 m = 9.5 m = -2.1  Dur = 11371.1s Dmag = 0.0 Sun: 89° Moon: 45°	2027 jun 3 1h23.8m A27_06009 15 Eunomia TYC 7365–01936–1 Diam = 272.0 m = 10.1 m = 9.4  Dur = 20.7s Dmag = 0.5 Sun: 166° Moon: 148°	2027 jul 2 23h 5.3m B27_07011 470309 2007JK43 UCAC4 543–088460 Diam = 145.2 m = 14.8 m = 21.8  Dur = 6.1s Dmag = 7.0 Sun: 138° Moon: 129°
2027 jul 6 20h51.3m B27_07001 50000 Quaoar UCAC4 377–139845 Diam = 1110.0 m = 14.3 m = 18.7  Dur = 44.9s Dmag = 4.4 Sun: 171° Moon: 139°	2027 jul 19 21h39.1m A27_07114 637 Chrysothemis UCAC4 378–171821 Diam = 43.5 m = 11.8 m = 16.2  Dur = 3.7s Dmag = 4.4 Sun: 154° Moon: 12°	2027 jul 23 22h30.8m A27_07078 303 Josephina UCAC4 573–008128 Diam = 103.0 m = 11.5 m = 14.6  Dur = 3.4s Dmag = 3.1 Sun: 63° Moon: 59°	2027 jul 24 22h32.9m A27_07136 769 Tatjana TYC 0646–00349–1 Diam = 102.0 m = 11.3 m = 14.8  Dur = 4.8s Dmag = 3.5 Sun: 77° Moon: 34°
2027 aug 19 23h40.4m B27_08029 2013RJ109 TYC 0003–00420–1 Diam = 163.7 m = 12.5 m = 23.2  Dur = 9.0s Dmag = 10.7 Sun: 139° Moon: 12°	2027 aug 19 23h40.9m A27_08134 2013RJ109 TYC 0003–00420–1 Diam = 163.7 m = 12.3 m = 23.2  Dur = 9.0s Dmag = 11.0 Sun: 139° Moon: 12°	2027 aug 27 22h18.8m A27_08087 591 Irmgard TYC 2362–00016–1 Diam = 54.7 m = 10.6 m = 16.4  Dur = 3.1s Dmag = 5.9 Sun: 87° Moon: 35°	2027 sep 1 22h21.5m A27_09087 407 Arachne UCAC4 591–008688 Diam = 97.0 m = 12.4 m = 13.5  Dur = 8.5s Dmag = 1.4 Sun: 102° Moon: 119°
2027 sep 3 21h 7.1m A27_09056 165 Loreley UCAC4 613–022174 Diam = 160.0 m = 10.9 m = 13.8  Dur = 7.7s Dmag = 3.0 Sun: 77° Moon: 121°	2027 sep 16 16h11.7m A27_09143 914 Palisana UCAC4 641–118885 Diam = 79.0 m = 12.4 m = 11.7  Dur = 10.2s Dmag = 0.5 Sun: 134° Moon: 42°	2027 sep 20 23h25.8m A27_09166 3317 Paris UCAC4 484–037351 Diam = 127.0 m = 11.4 m = 16.7  Dur = 5.7s Dmag = 5.3 Sun: 65° Moon: 59°	2027 sep 21 18h53.0m A27_09120 648 Pippa TYC 2339–01541–1 Diam = 70.5 m = 11.3 m = 14.6  Dur = 20.6s Dmag = 3.4 Sun: 125° Moon: 17°

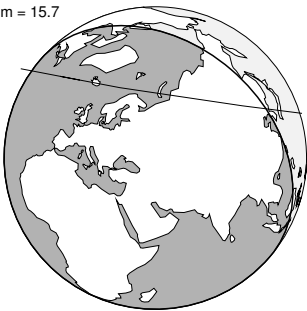
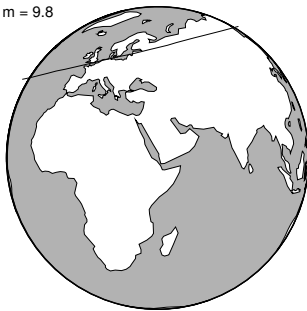
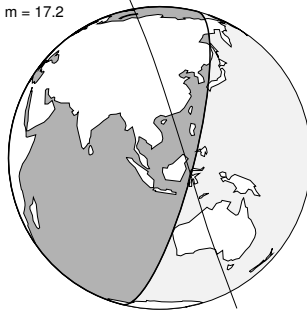
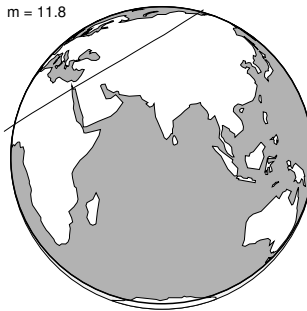
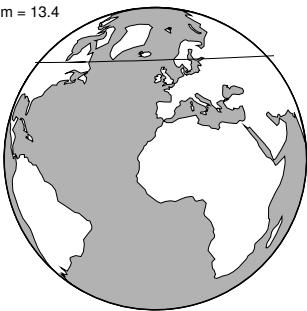
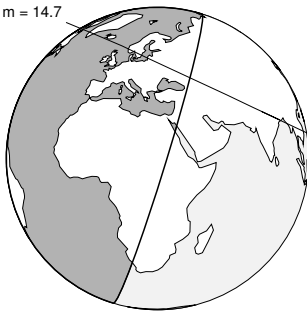
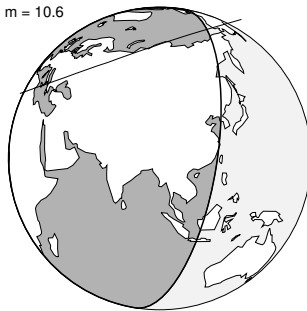
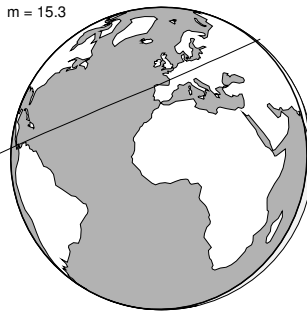
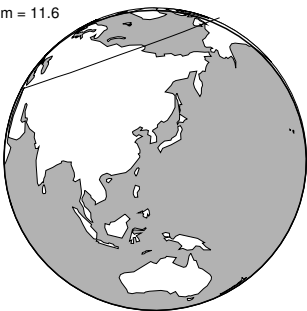
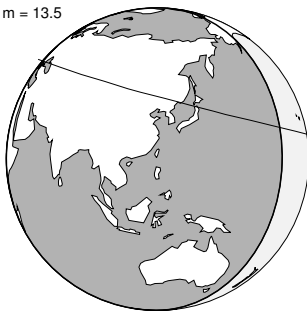
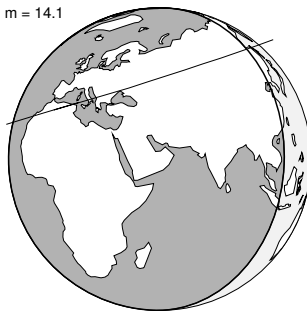
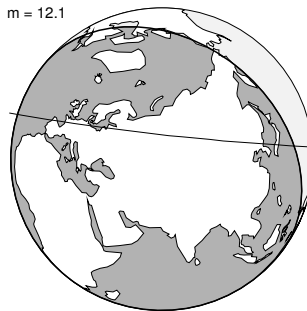
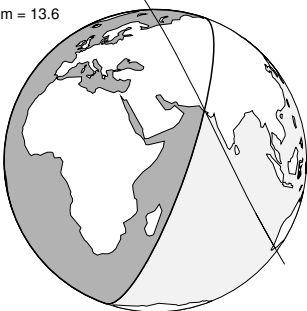
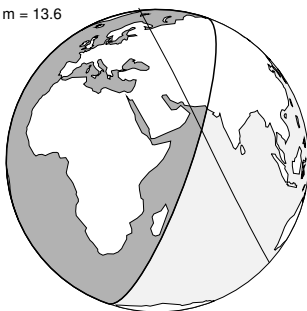
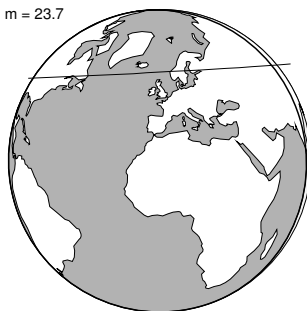
Occultations by major and minor planets – 2027

Region 5

2027 sep 26 1h48.3m B27_09014 2011UJ411 UCAC4 566–008066 Diam = 87.1 m = 13.2 m = 24.3  Dur = 7.6s Dmag = 11.0 Sun: 122° Moon: 68°	2027 sep 26 20h27.9m A27_09072 258 Tyche HIP 20916 Diam = 67.7 m = 6.4 m = 12.2  Dur = 7.9s Dmag = 5.7 Sun: 114° Moon: 71°	2027 sep 28 17h37.5m A27_09085 326 Tamara UCAC4 458–002611 Diam = 100.0 m = 12.3 m = 12.6  Dur = 7.9s Dmag = 0.9 Sun: 154° Moon: 136°	2027 sep 28 22h11.4m A27_09147 978 Aidamina UCAC4 488–026595 Diam = 82.5 m = 11.8 m = 15.5  Dur = 4.2s Dmag = 3.8 Sun: 86° Moon: 70°
2027 oct 2 1h47.4m A27_10179 1867 Deiphobus PPMX 6120868 Diam = 131.0 m = 12.5 m = 16.6  Dur = 6.5s Dmag = 4.2 Sun: 72° Moon: 99°	2027 oct 2 20h18.1m A27_10076 284 Amalia UCAC4 426–126465 Diam = 55.1 m = 12.2 m = 13.1  Dur = 7.4s Dmag = 1.3 Sun: 122° Moon: 89°	2027 oct 6 1h 3.1m A27_10102 514 Armida TYC 1392–00878–1 Diam = 110.0 m = 10.9 m = 15.0  Dur = 3.9s Dmag = 4.0 Sun: 65° Moon: 139°	2027 oct 6 20h16.9m A27_10161 932 Hooveria TYC 0013–00060–1 Diam = 41.7 m = 10.8 m = 12.5  Dur = 4.1s Dmag = 1.9 Sun: 177° Moon: 94°
2027 oct 11 22h26.2m A27_10068 253 Mathilde TYC 0031–00689–1 Diam = 61.0 m = 10.2 m = 12.2  Dur = 7.8s Dmag = 2.2 Sun: 172° Moon: 48°	2027 oct 12 2h35.9m A27_10127 638 Moira TYC 1353–00191–1 Diam = 68.0 m = 10.0 m = 15.5  Dur = 5.1s Dmag = 5.5 Sun: 92° Moon: 127°	2027 oct 14 23h36.3m B27_10019 2015VW167 UCAC4 553–009942 Diam = 83.2 m = 14.6 m = 24.4  Dur = 5.3s Dmag = 9.8 Sun: 132° Moon: 55°	2027 oct 20 2h54.3m A27_10069 258 Tyche HIP 21205 Diam = 67.7 m = 8.4 m = 11.7  Dur = 8.9s Dmag = 3.4 Sun: 136° Moon: 19°
2027 oct 20 21h27.2m A27_10080 287 Nephthys TYC 0721–01775–1 Diam = 70.1 m = 11.7 m = 12.5  Dur = 13.0s Dmag = 1.2 Sun: 114° Moon: 16°	2027 oct 22 21h 1.6m A27_10111 532 Herculina TYC 1360–01399–1 Diam = 216.5 m = 12.0 m = 10.8  Dur = 16.3s Dmag = 0.3 Sun: 97° Moon: 11°	2027 oct 25 1h26.9m A27_10053 182 Elsa UCAC4 553–040194 Diam = 45.3 m = 12.2 m = 12.9  Dur = 3.2s Dmag = 1.1 Sun: 98° Moon: 40°	2027 oct 27 14h37.9m A27_10158 914 Palisana TYC 2216–01439–1 Diam = 79.0 m = 9.1 m = 12.2  Dur = 6.2s Dmag = 3.2 Sun: 122° Moon: 142°

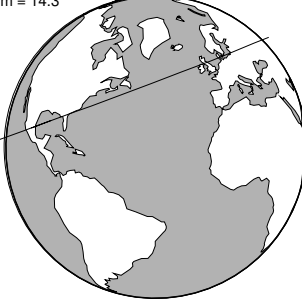
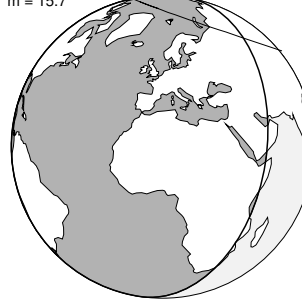
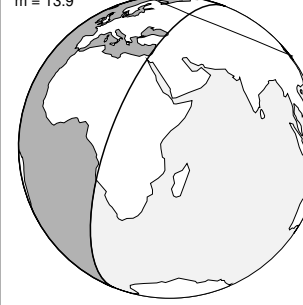
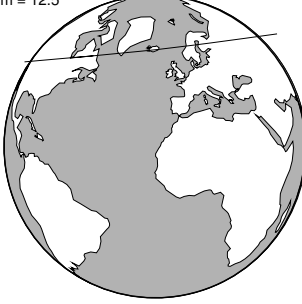
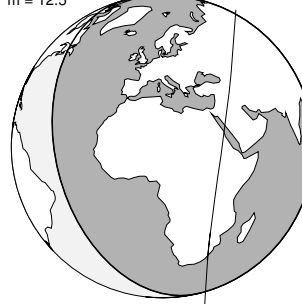
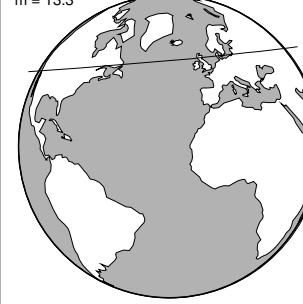
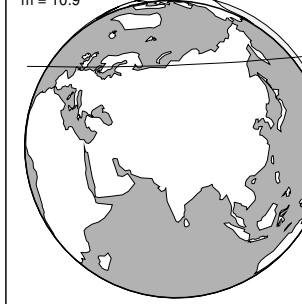
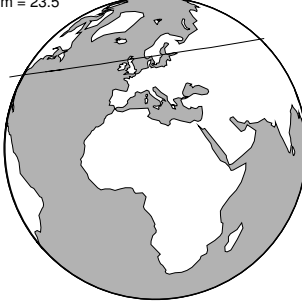
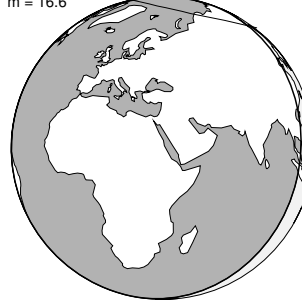
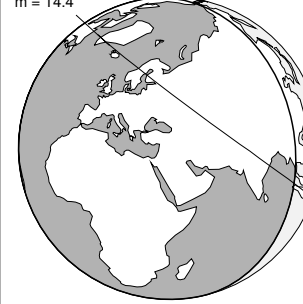
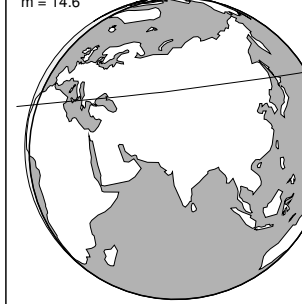
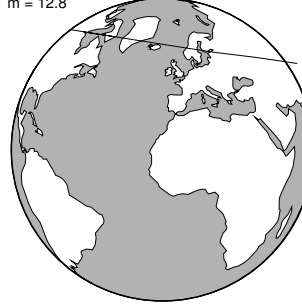
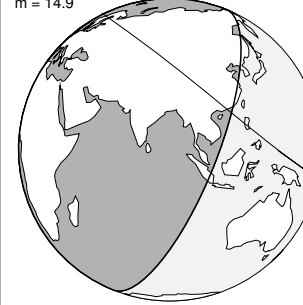
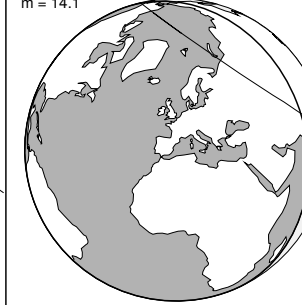
Occultations by major and minor planets – 2027

Region 5

2027 oct 29 22h 5.8m A27_10164 1000 Piazzia UCAC4 686–026307 Diam = 54.0 m = 15.7  Dur = 3.8s Dmag = 5.6 Sun: 140° Moon: 147°	2027 oct 31 20h30.9m A27_10010 37 Fides UCAC5 524–003235 Diam = 112.0 m = 9.8  Dur = 12.8s Dmag = 0.1 Sun: 174° Moon: 146°	2027 nov 3 21h42.1m A27_11138 2223 Sarpedon UCAC5 478–038801 Diam = 105.0 m = 17.2  Dur = 10.6s Dmag = 4.7 Sun: 103° Moon: 159°	2027 nov 7 18h40.2m A27_11058 313 Chaldaea TYC 0047–00730–1 Diam = 101.0 m = 11.8  Dur = 9.3s Dmag = 1.0 Sun: 164° Moon: 71°
2027 nov 10 0h18.1m A27_11129 1087 Arabis TYC 1230–00635–1 Diam = 40.8 m = 13.4  Dur = 3.4s Dmag = 1.8 Sun: 175° Moon: 50°	2027 nov 11 3h56.1m A27_11082 514 Armida PPMX 7179711 Diam = 110.0 m = 14.7  Dur = 8.0s Dmag = 2.6 Sun: 93° Moon: 123°	2027 nov 11 22h19.2m A27_11015 23 Thalia TYC 1934–01670–1 Diam = 111.0 m = 10.6  Dur = 10.3s Dmag = 1.4 Sun: 112° Moon: 94°	2027 nov 13 1h14.1m A27_11136 2196 Ellicott UCAC4 522–007747 Diam = 62.2 m = 15.3  Dur = 4.6s Dmag = 2.9 Sun: 163° Moon: 31°
2027 nov 14 15h25.1m A27_11068 389 Industria TYC 1810–00268–1 Diam = 81.0 m = 11.6  Dur = 6.5s Dmag = 0.5 Sun: 168° Moon: 5°	2027 nov 15 18h 6.4m A27_11105 752 Sulamitis UCAC4 558–020307 Diam = 65.7 m = 13.5  Dur = 11.7s Dmag = 1.9 Sun: 145° Moon: 15°	2027 nov 15 22h37.4m A27_11104 701 Oriola PPMX 5999951 Diam = 46.0 m = 14.1  Dur = 5.2s Dmag = 1.9 Sun: 145° Moon: 13°	2027 nov 17 20h52.2m A27_11020 71 Niobe TYC 3357–01177–1 Diam = 87.3 m = 12.1  Dur = 6.9s Dmag = 1.0 Sun: 141° Moon: 35°
2027 nov 20 1h47.1m A27_11098 683 Lanzia UCAC4 473–042298 Diam = 116.0 m = 13.6  Dur = 8.6s Dmag = 4.5 Sun: 102° Moon: 12°	2027 nov 20 1h53.6m A27_11099 683 Lanzia HIP 43539 Diam = 116.0 m = 13.6  Dur = 8.6s Dmag = 6.2 Sun: 102° Moon: 12°	2027 nov 27 1h 0.4m B27_11012 2004VX130 PPMX 4961071 Diam = 119.7 m = 23.7  Dur = 4.8s Dmag = 8.8 Sun: 165° Moon: 152°	2027 nov 30 22h52.1m A27_11071 442 Eichsfeldia PPMX 6096086 Diam = 67.5 m = 13.9  Dur = 16.6s Dmag = 1.8 Sun: 136° Moon: 167°

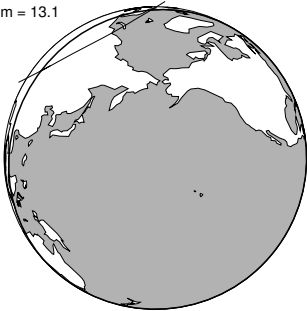
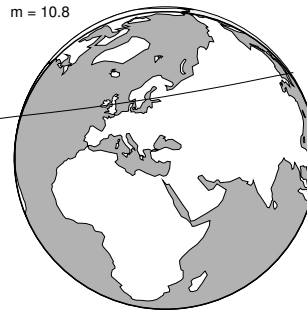
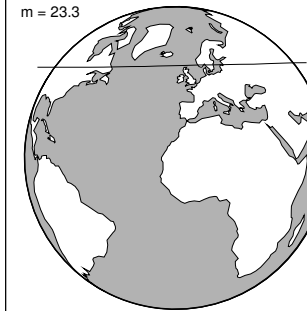
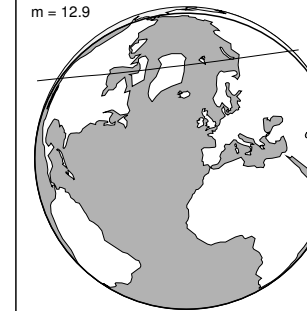
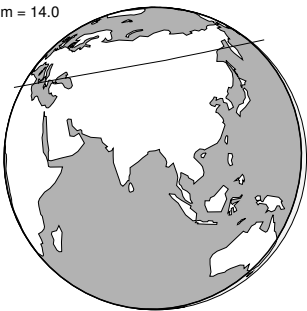
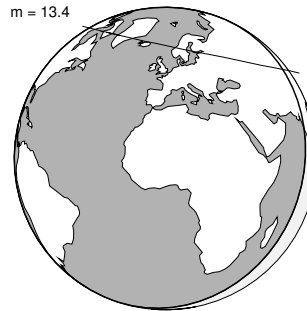
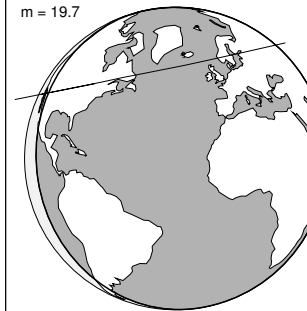
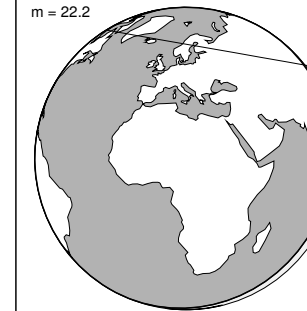
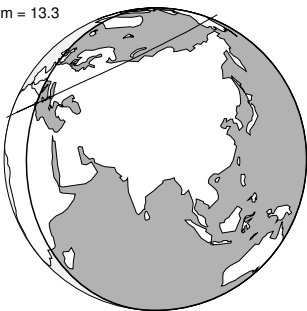
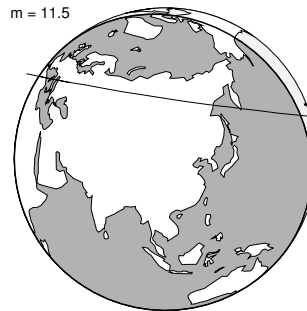
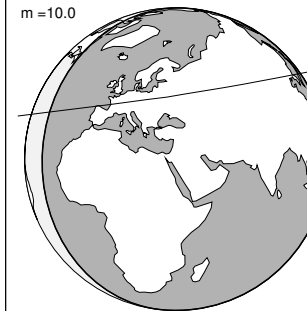
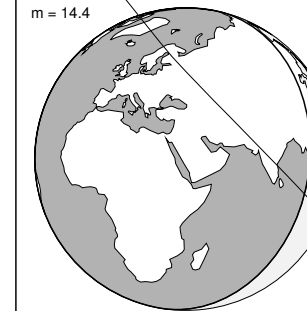
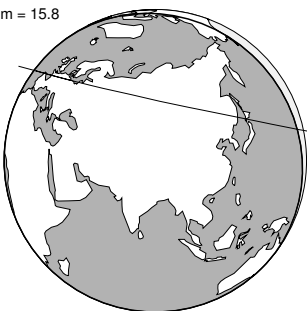
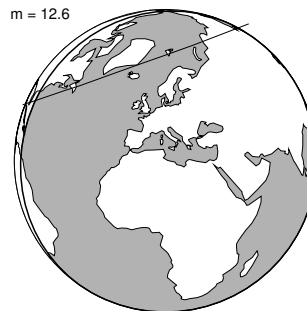
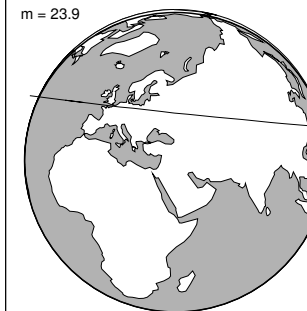
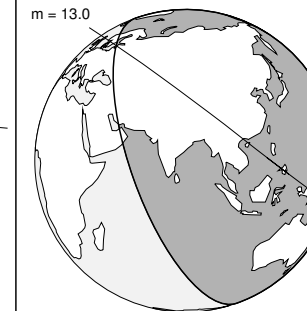
Occultations by major and minor planets – 2027

Region 5

2027 dec 1 1h45.9m A27_12118 552 Sigelinde UCAC4 573–008830 Diam = 81.0 m = 12.2 m = 14.3  Dur = 5.5s Dmag = 2.3 Sun: 170° Moon: 138°	2027 dec 1 2h55.1m A27_12163 936 Kunigunde UCAC4 566–040641 Diam = 44.1 m = 11.7 m = 15.7  Dur = 6.2s Dmag = 4.1 Sun: 133° Moon: 168°	2027 dec 4 4h32.3m A27_12096 444 Gyptis HIP 59513 Diam = 170.0 m = 10.5 m = 13.9  Dur = 6.5s Dmag = 3.5 Sun: 66° Moon: 134°	2027 dec 4 21h12.3m A27_12038 129 Antigone UCAC4 509–029072 Diam = 113.0 m = 11.8 m = 12.2  Dur = 9.3s Dmag = 0.9 Sun: 148° Moon: 133°
2027 dec 5 1h29.6m A27_12120 569 Misa UCAC4 574–014907 Diam = 75.6 m = 12.3 m = 12.5  Dur = 9.2s Dmag = 0.9 Sun: 172° Moon: 110°	2027 dec 5 19h56.2m A27_12102 480 Hansa UCAC4 539–002849 Diam = 58.0 m = 11.9 m = 12.5  Dur = 5.9s Dmag = 1.1 Sun: 135° Moon: 50°	2027 dec 7 2h 8.6m A27_12123 570 Kythera UCAC4 559–016156 Diam = 106.0 m = 11.9 m = 13.3  Dur = 8.3s Dmag = 1.7 Sun: 171° Moon: 89°	2027 dec 7 19h17.6m A27_12021 78 Diana TYC 2909–01782–1 Diam = 116.0 m = 10.6 m = 10.9  Dur = 13.7s Dmag = 0.9 Sun: 162° Moon: 80°
2027 dec 7 22h33.4m B27_12011 2004VF131 UCAC4 560–010049 Diam = 182.0 m = 14.1 m = 23.5  Dur = 7.0s Dmag = 9.4 Sun: 174° Moon: 65°	2027 dec 8 23h 9.4m A27_12188 2893 Peiroos PPMX 6053814 Diam = 92.8 m = 12.2 m = 16.6  Dur = 5.8s Dmag = 4.5 Sun: 155° Moon: 84°	2027 dec 8 23h36.1m A27_12112 528 Rezia TYC 2460–01789–1 Diam = 86.2 m = 10.4 m = 14.4  Dur = 7.8s Dmag = 4.0 Sun: 145° Moon: 90°	2027 dec 9 17h55.6m A27_12167 1008 La Paz UCAC4 606–010930 Diam = 41.0 m = 12.1 m = 14.6  Dur = 3.5s Dmag = 2.6 Sun: 164° Moon: 38°
2027 dec 9 22h55.0m A27_12015 66 Maja UCAC4 593–019205 Diam = 78.3 m = 10.8 m = 11.9  Dur = 8.9s Dmag = 1.5 Sun: 172° Moon: 53°	2027 dec 10 1h 1.4m A27_12142 752 Sulamitis TYC 1308–01820–1 Diam = 65.7 m = 11.0 m = 12.8  Dur = 6.4s Dmag = 2.0 Sun: 174° Moon: 52°	2027 dec 10 22h50.2m A27_12056 248 Lameia TYC 0250–00503–1 Diam = 52.0 m = 9.2 m = 14.9  Dur = 6.5s Dmag = 5.7 Sun: 108° Moon: 107°	2027 dec 13 1h54.5m A27_12026 99 Dike UCAC4 645–043146 Diam = 54.2 m = 11.5 m = 14.1  Dur = 4.4s Dmag = 2.6 Sun: 149° Moon: 36°

Occultations by major and minor planets – 2027

Region 5

2027 dec 14 10h30.0m A27_12128 606 Brangäne TYC 2380–00576–1 Diam = 40.0 m = 9.7 m = 13.1  Dur = 4.6s Dmag = 3.5 Sun: 161° Moon: 25°	2027 dec 14 21h33.1m A27_12023 78 Diana UCAC4 640–024727 Diam = 116.0 m = 11.7 m = 10.8  Dur = 13.2s Dmag = 0.4 Sun: 165° Moon: 21°	2027 dec 15 1h 1.2m B27_12007 1998WV24 UCAC4 560–020414 Diam = 138.0 m = 13.1 m = 23.3  Dur = 5.4s Dmag = 10.3 Sun: 174° Moon: 14°	2027 dec 17 1h 2.6m A27_12107 516 Amherstia UCAC4 651–031989 Diam = 75.7 m = 12.2 m = 12.9  Dur = 4.9s Dmag = 1.2 Sun: 163° Moon: 48°
2027 dec 17 19h 1.7m A27_12166 1001 Gaussia TYC 1338–01006–1 Diam = 78.3 m = 12.1 m = 14.0  Dur = 6.5s Dmag = 2.1 Sun: 164° Moon: 40°	2027 dec 18 1h32.7m A27_12092 442 Eichsfeldia PPMX 6088003 Diam = 67.5 m = 12.3 m = 13.4  Dur = 7.3s Dmag = 1.4 Sun: 156° Moon: 36°	2027 dec 20 0h17.7m A27_12191 44594 1999OX3 UCAC4 559–008899 Diam = 160.7 m = 12.0 m = 19.7  Dur = 8.2s Dmag = 7.7 Sun: 157° Moon: 108°	2027 dec 21 0h 0.1m B27_12015 2012YG12 UCAC4 529–034626 Diam = 166.0 m = 14.9 m = 22.2  Dur = 6.8s Dmag = 7.3 Sun: 163° Moon: 83°
2027 dec 22 16h 3.7m A27_12064 303 Josephina UCAC4 599–009659 Diam = 103.0 m = 11.8 m = 13.3  Dur = 11.7s Dmag = 1.7 Sun: 148° Moon: 149°	2027 dec 23 18h 9.4m A27_12080 385 Ilmatar UCAC4 659–047558 Diam = 94.1 m = 11.4 m = 11.5  Dur = 8.4s Dmag = 0.8 Sun: 157° Moon: 119°	2027 dec 23 19h28.1m A27_12073 349 Dembowska UCAC4 596–011201 Diam = 143.0 m = 12.3 m = 10.0  Dur = 16.2s Dmag = 0.1 Sun: 151° Moon: 160°	2027 dec 24 23h47.7m A27_12158 891 Gunhild TYC 1399–00338–1 Diam = 53.6 m = 10.3 m = 14.4  Dur = 5.7s Dmag = 4.1 Sun: 144° Moon: 112°
2027 dec 26 19h12.8m A27_12186 2453 Wabash TYC 2463–00305–1 Diam = 45.7 m = 11.8 m = 15.8  Dur = 3.4s Dmag = 4.0 Sun: 161° Moon: 154°	2027 dec 26 22h 4.2m A27_12044 165 Loreley TYC 2393–00018–1 Diam = 160.0 m = 11.3 m = 12.6  Dur = 11.3s Dmag = 1.6 Sun: 161° Moon: 171°	2027 dec 27 21h11.3m B27_12009 2000YD2 UCAC5 624–030397 Diam = 109.6 m = 14.9 m = 23.9  Dur = 4.3s Dmag = 9.0 Sun: 168° Moon: 171°	2027 dec 29 13h35.3m A27_12103 480 Hansa TYC 0627–00509–1 Diam = 58.0 m = 10.2 m = 13.0  Dur = 5.9s Dmag = 2.8 Sun: 111° Moon: 92°

