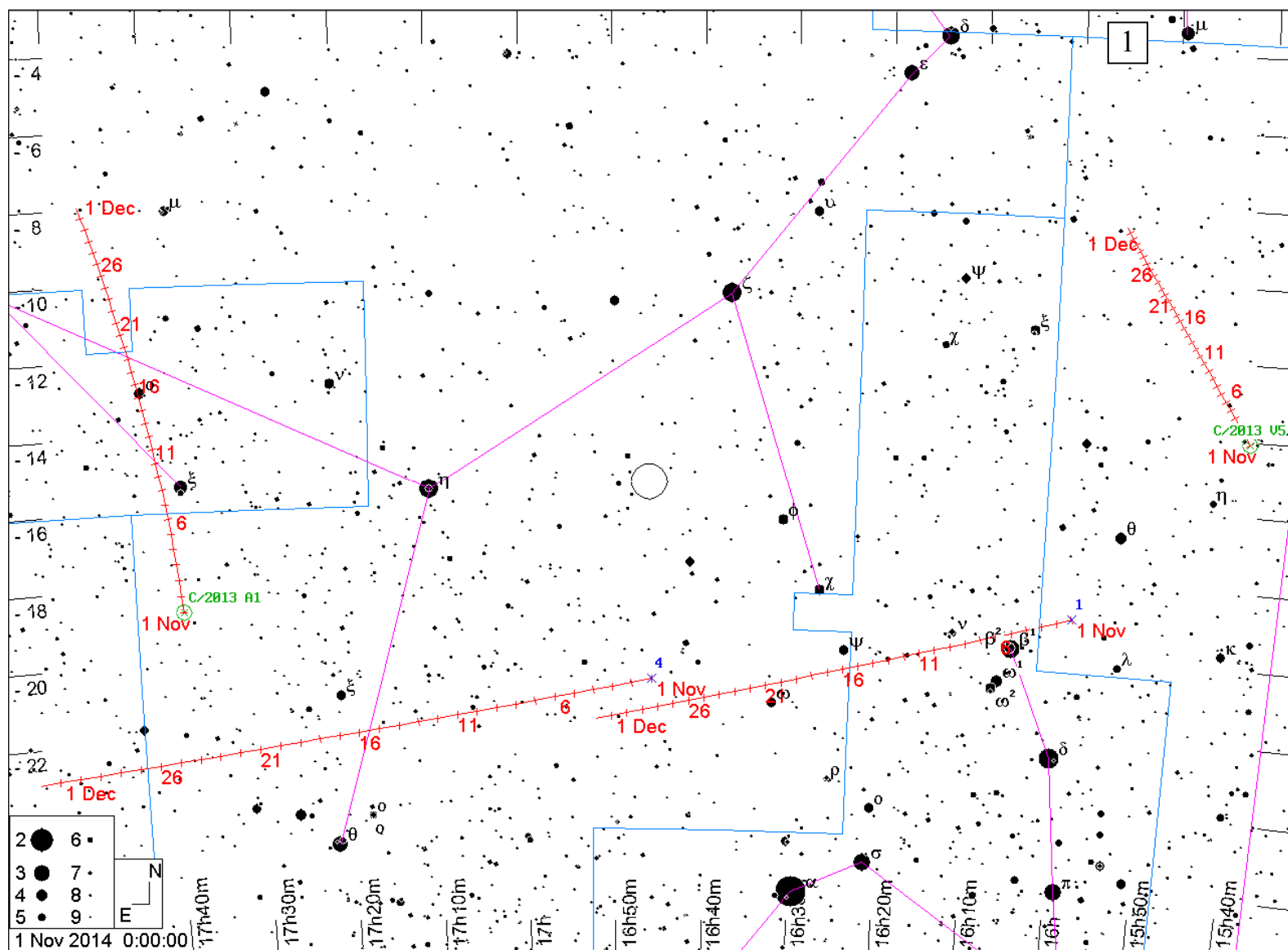
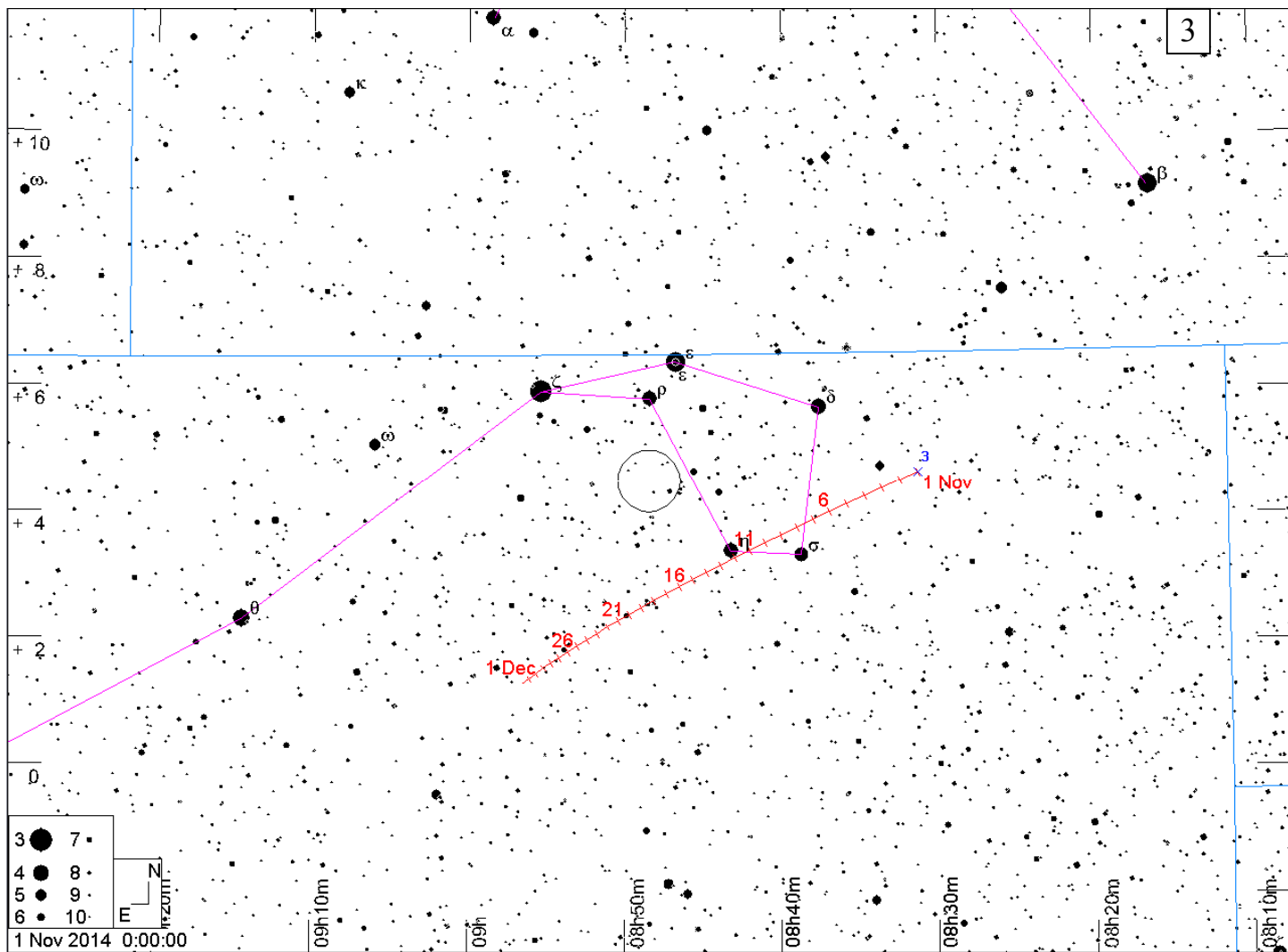
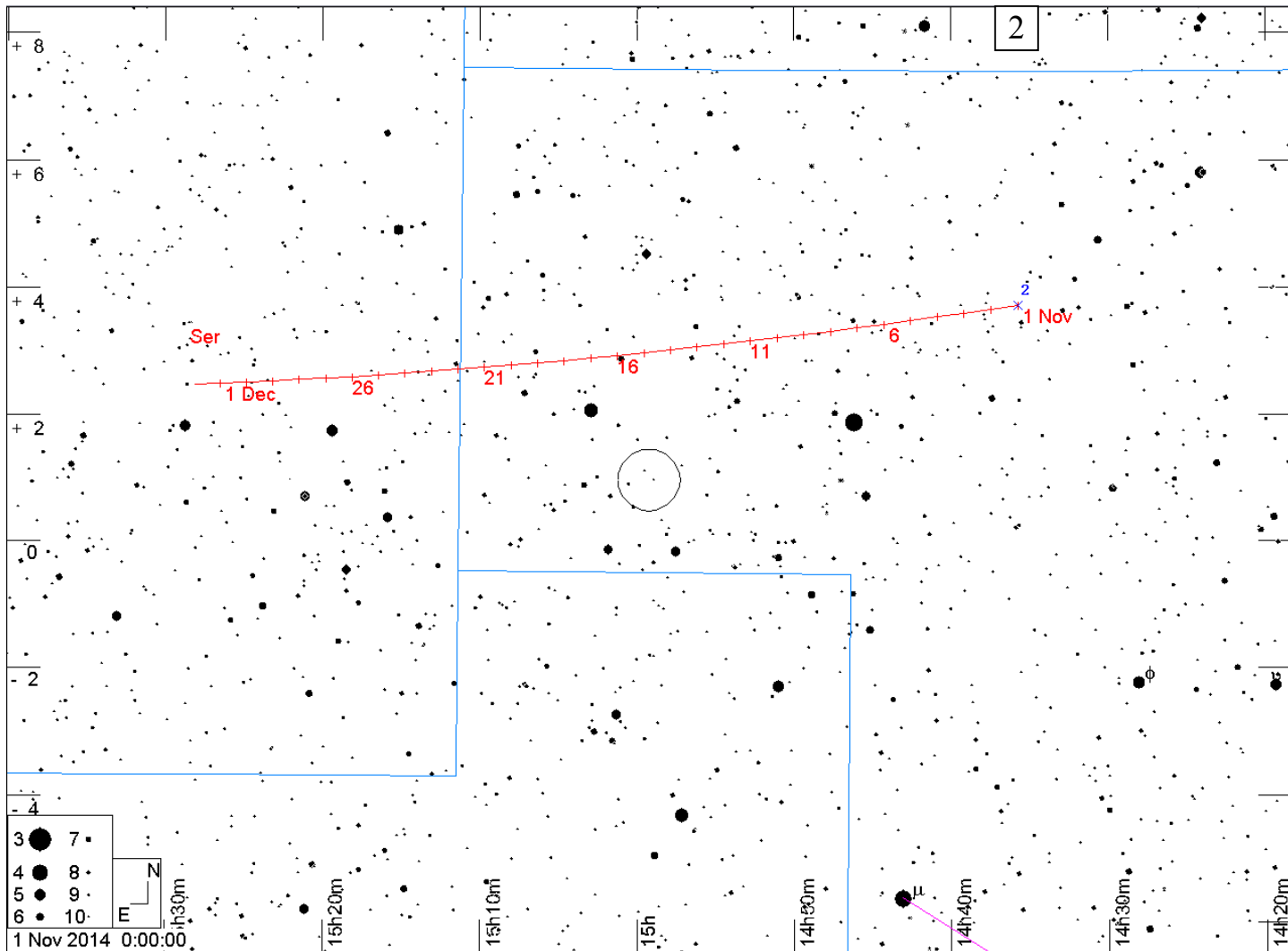


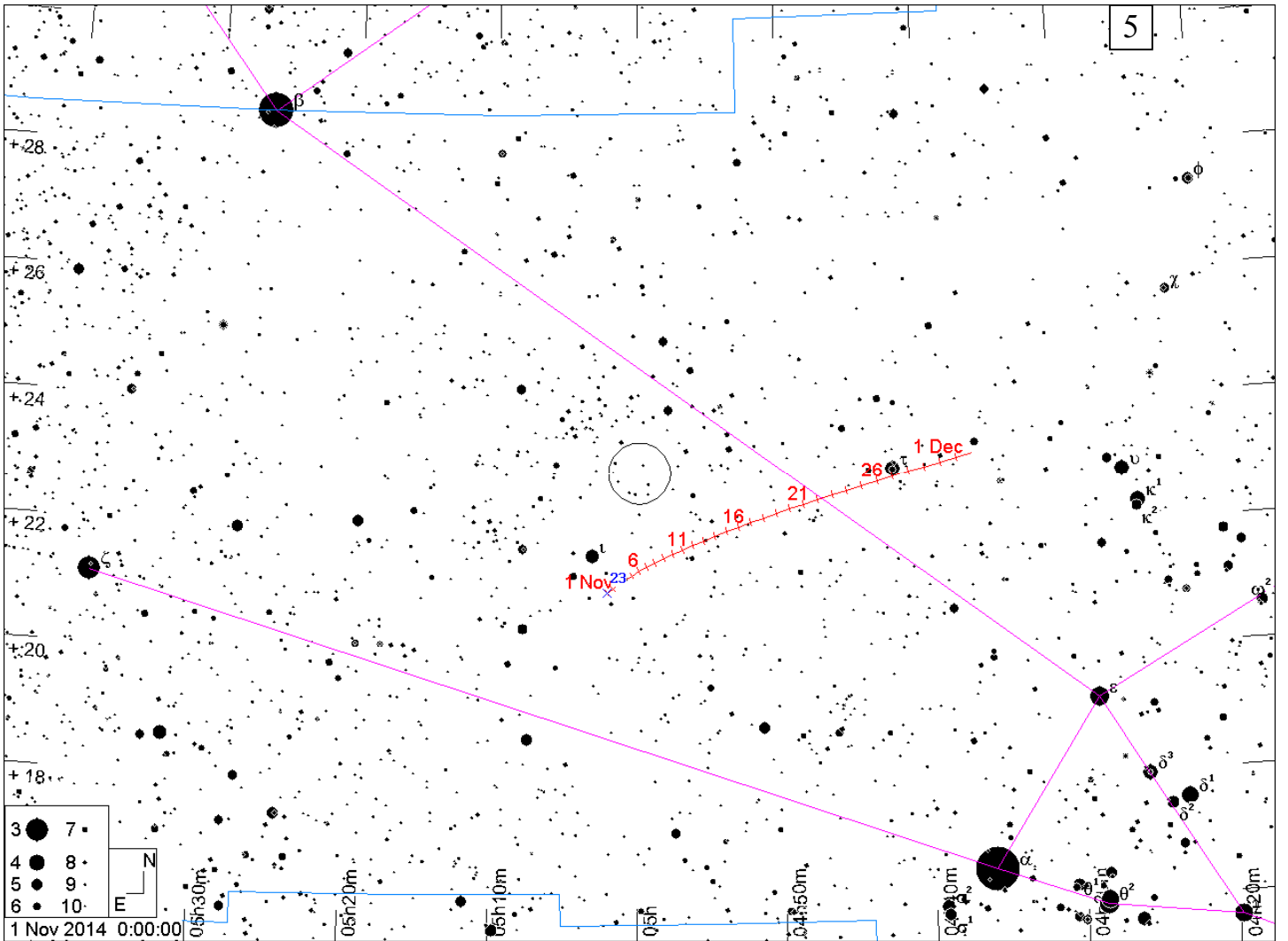
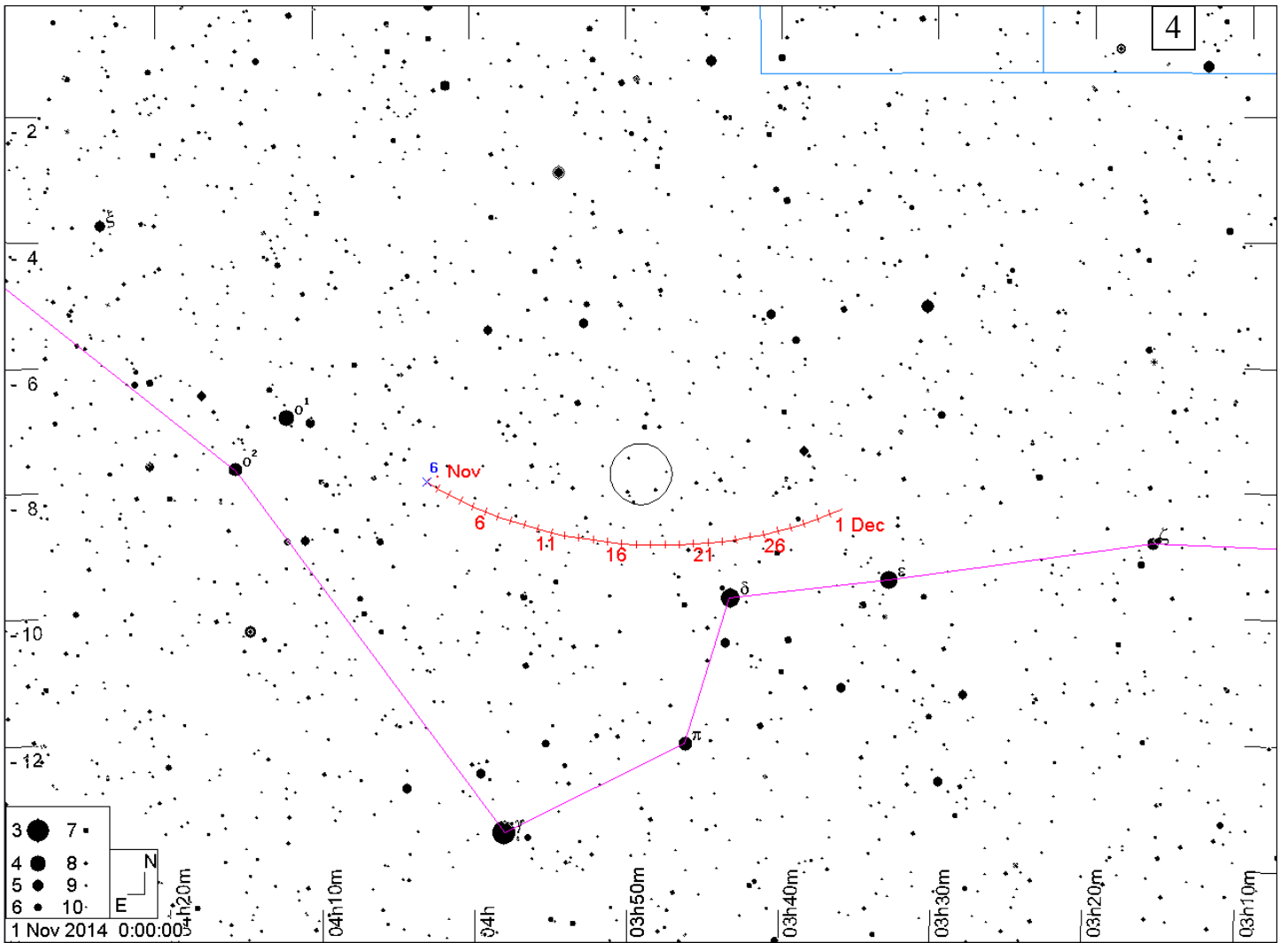
«АстроКА» - 2014

Карты окрестностей комет до 12m и астероидов до 10m в **ноябре 2014 года**. Кометы и астероиды показаны относительно опорных звезд (ОЗ). Окружность на карте - поле зрения телескопа в 1 градус. Чтобы облегчить поиск объекта во время наблюдений вырежьте в листе бумаги кружок аналогичного размера (образовавшееся отверстие и будет полем зрения телескопа в 1 градус), и передвигайте его по звездной карте к объекту, ориентируясь относительно опорной звезды. Если поле зрения Вашего телескопа отлично от указанного, вырежьте в бумаге кружок соответствующего размера. Например, кружок поля зрения телескопа в 2 градуса будет в два раза больше по диаметру, чем на карте. Время всемирное.

1. Путь комет Siding Spring (C/2013 A1) и Oukaimeden (C/2013 V5), а также астероидов Церера (1) и Веста (4) (метки даны с 1 ноября на каждый день, звезды даны до 9m, ОЗ - ζ Змееносца)
2. Путь астероида Паллада (2) (метки даны с 1 ноября на каждый день, звезды до 10m, ОЗ - μ Девы)
3. Путь астероида Юнона (3) (метки даны с 1 ноября на каждый день, звезды до 10m, ОЗ - ζ Гидры)
4. Путь астероида Геба (6) (метки даны с 1 ноября на каждый день, звезды до 10m, ОЗ - δ Эридана)
5. Путь астероида Thalia (23) (метки даны с 1 ноября на каждый день, звезды до 10m, ОЗ - α Тельца)







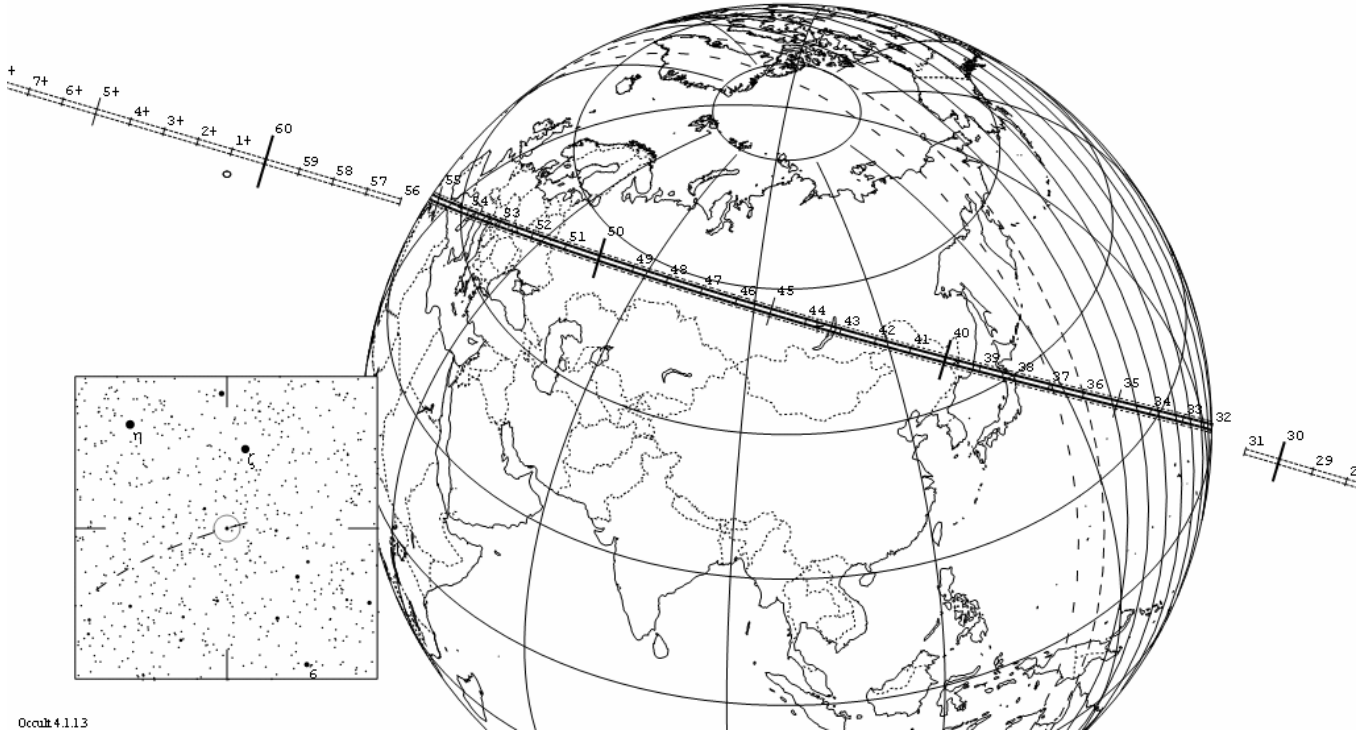
Избранные покрытия звезд до 9,5m астероидами в ноябре 2014 года

1118 Hansya occults TYC 2899-01395-1 on 2014 Nov 2 from 19h 32m to 19h 55m UT

Star:
 Mv = 8.5 Mp = 8.0 Mr = 8.8
 RA = 5 3 7.2265 (J2000)
 Dec = 40 33 11.264 ...
 [of Date: 5 4 11, 40 34 13]
 Prediction of 2014 Oct 5.0

Max Duration = 9.1 secs
 Mag Drop = 6.6 (5.9r)
 Sun : Dist = 138 deg
 Moon: Dist = 92 deg
 : illum = 79 %
 E 0.031"x 0.024" in PA 92

Asteroid:
 Mag = 15.1
 Dia = 80km, 0.044"
 Parallax = 3.509"
 Hourly dRA = -1.470s
 dDec = -4.95"



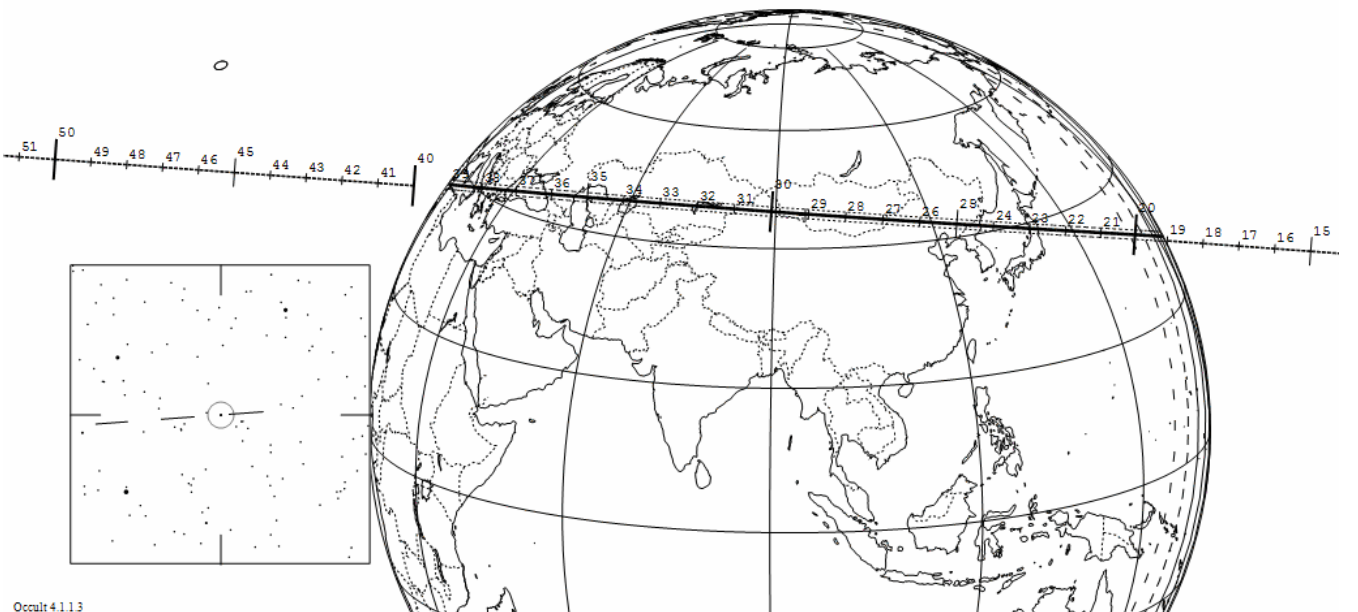
Occult4.113

6086 1987 VU occults HIP 16359 on 2014 Nov 3 from 18h 19m to 18h 39m UT

Star:
 Mv = 8.7 Mp = 9.3 Mr = 8.4
 RA = 3 30 45.4727 (J2000)
 Dec = 14 17 46.560
 [of Date: 3 31 37, 14 20 46]
 Prediction of 2014 Jul 18.0

Max Duration = 1.3 secs
 Mag Drop = 6.4 (6.3r)
 Sun : Dist = 167 deg
 Moon: Dist = 54 deg
 : illum = 87 %
 E 0.105"x 0.062" in PA 72

Asteroid:
 Mag = 15.1
 Dia = 12km, 0.013"
 Parallax = 6.698"
 Hourly dRA = -2.388s
 dDec = 2.52"



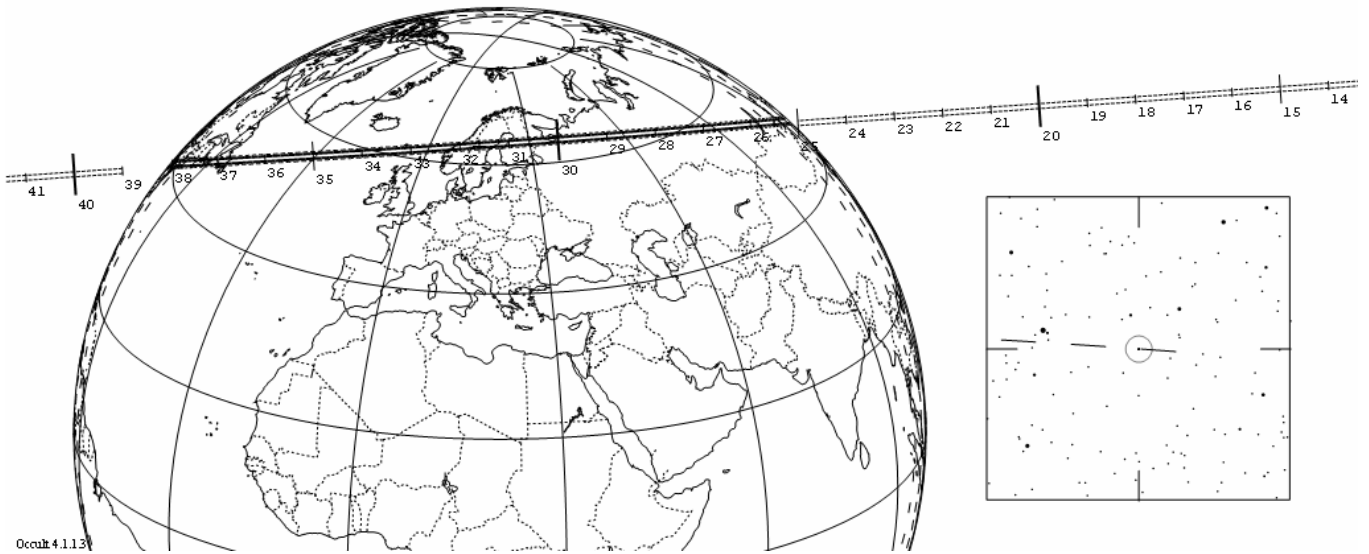
Occult4.113

636 Erika occults TYC 1231-01670-1 on 2014 Nov 8 from 22h 25m to 22h 38m UT

Star:
 Mv = 8.8 Mp = 9.6 Mr = 8.4
 RA = 3 6 38.5504 (J2000)
 Dec = 20 38 21.199
 [of Date: 3 7 31, 20 41 45]
 Prediction of 2014 Oct 5.0

Max Duration = 6.1 secs
 Mag Drop = 4.3 (4.3r)
 Sun : Dist = 175 deg
 Moon: Dist = 23 deg
 : illum = 95 %
 E 0.035"x 0.024" in PA 74

Asteroid:
 Mag = 13.1
 Dia = 74km, 0.059"
 Parallax = 5.101"
 Hourly dRA = -2.467s
 dDec = -2.46"

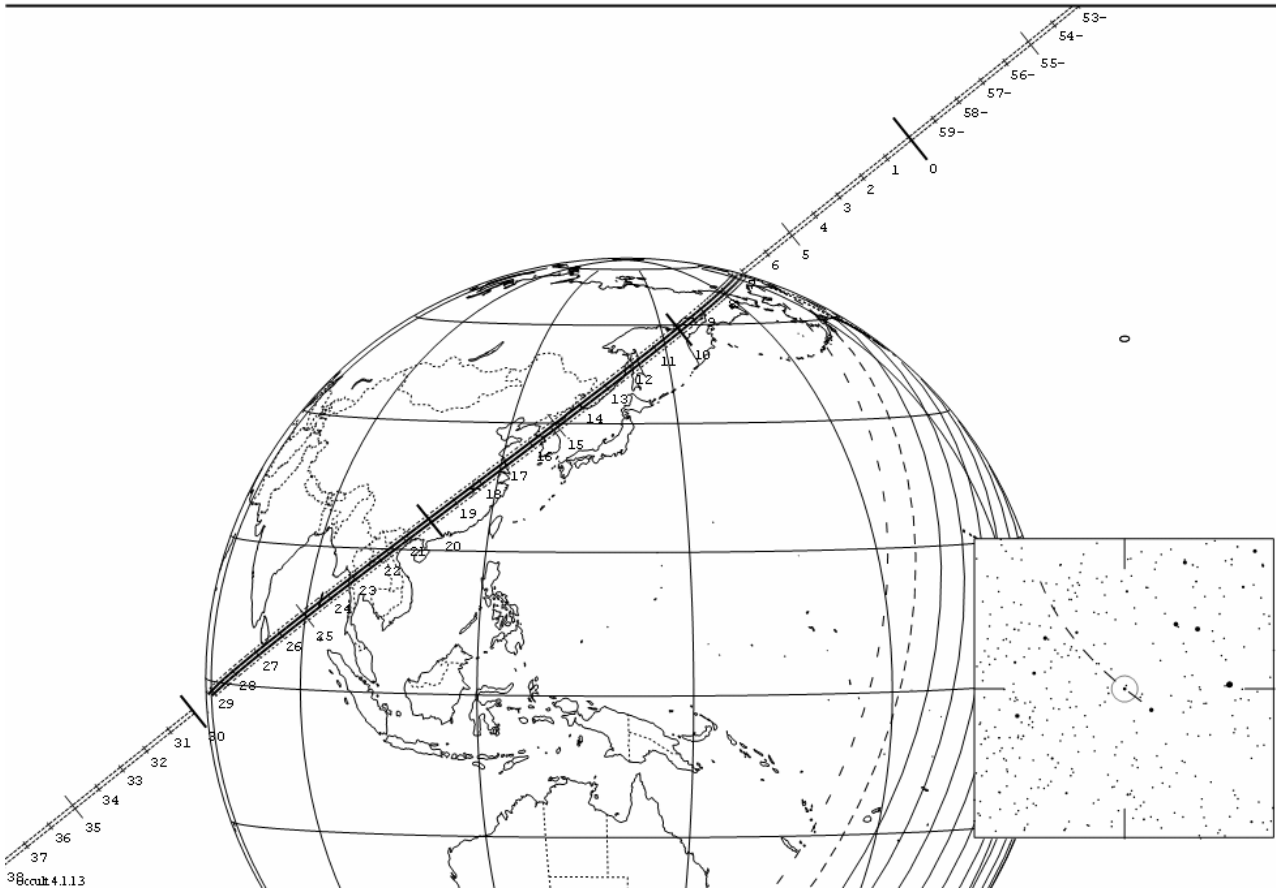


1330 Spiridonia occults HIP 29403 on 2014 Nov 13 from 17h 7m to 17h 30m UT

Star:
 Mv = 8.0 Mp = 7.8 Mr = 8.1
 RA = 6 11 45.7113 (J2000)
 Dec = 2 28 15.846
 [of Date: 6 12 34, 2 27 56]
 Prediction of 2014 Oct 5.0

Max Duration = 8.1 secs
 Mag Drop = 7.1 (6.5r)
 Sun : Dist = 134 deg
 Moon: Dist = 40 deg
 : illum = 59 %
 E 0.041"x 0.024" in PA 87

Asteroid:
 Mag = 15.1
 Dia = 63km, 0.037"
 Parallax = 3.718"
 Hourly dRA = -0.847s
 dDec = -10.14"



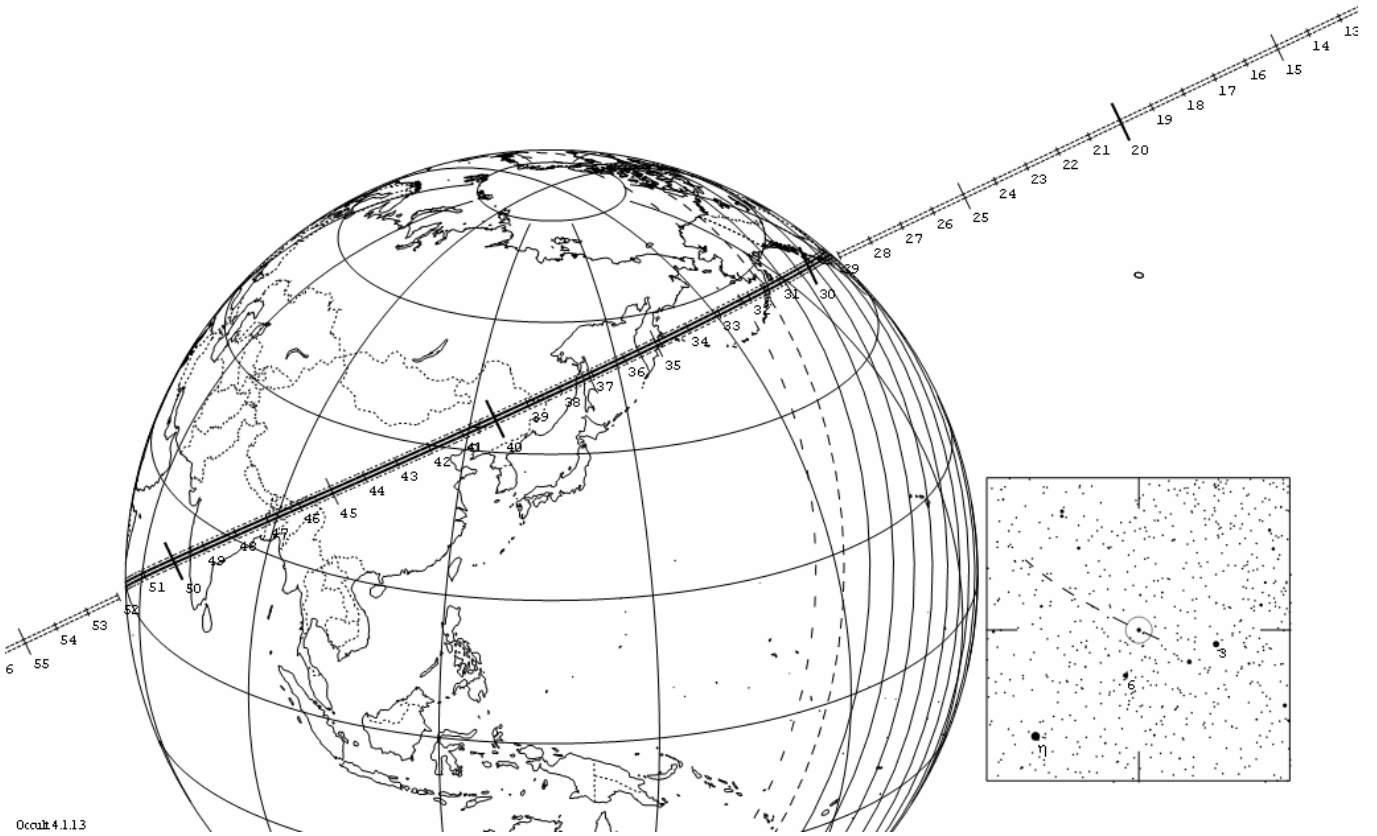
1436 Salonta occults HIP 29425 on 2014 Nov 13 from 17h 29m to 17h 52m UT

Star: Dia = lmas
 Mv = 7.1 Mp = 8.7 Mr = 6.2
 RA = 6 11 56.2484 (J2000)
 Dec = 23 12 25.378
 [of Date: 6 12 52, 23 12 0]
 Prediction of 2014 Oct 5.0

Max Duration = 7.3 secs
 Mag Drop = 8.4 (8.8r)
 Sun : Dist = 139 deg
 Moon: Dist = 39 deg
 : illum = 58 %
 E 0.035"x 0.021" in PA 101

Asteroid: (in DAMIT)
 Mag = 15.5
 Dia = 61km, 0.033"
 Parallax = 3.493"
 Hourly dPA = -1.118s
 dDec = -7.31"

Expect fades - star dia. Variable star



Occult4.113

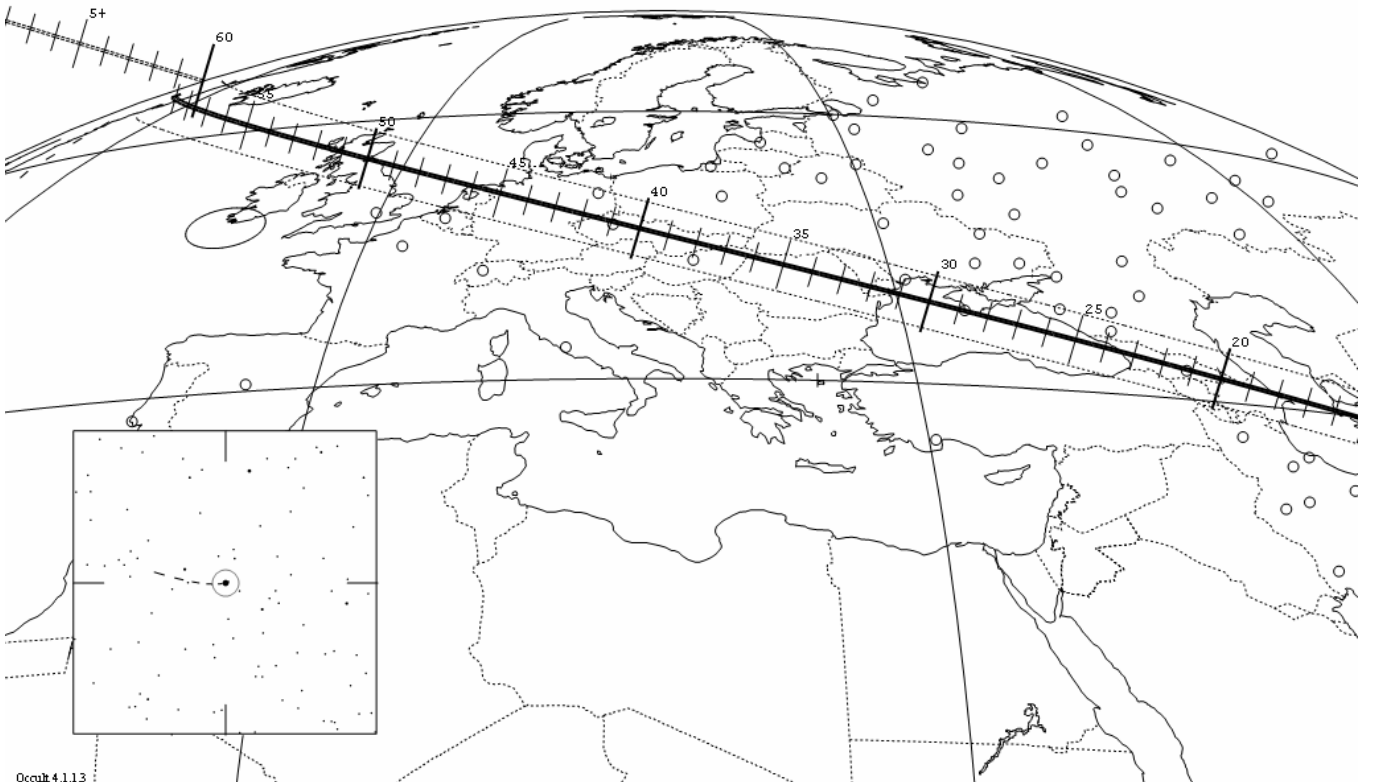
12655 5041 T-3 occults HIP 1191 on 2014 Nov 15 from 18h 54m to 20h 0m UT

Star: Dia = lmas
 Mv = 5.7 Mp = 5.7 Mr = 5.7
 RA = 0 14 54.5390 (J2000)
 Dec = - 9 34 10.569
 [of Date: 0 15 41, - 9 29 10]
 Prediction of 2014 Sep 19.0

Max Duration = 5.5 secs
 Mag Drop = 12.0 (11.6r)
 Sun : Dist = 126 deg
 Moon: Dist = 153 deg
 : illum = 39 %
 E 0.097"x 0.045" in PA 78

Asteroid:
 Mag = 17.7
 Dia = 10km, 0.006"
 Parallax = 3.626"
 Hourly dPA = -0.238s
 dDec = 1.06"

Variable star



Occult4.113

207 Hedda occults TYC 1885-00864-1 on 2014 Nov 20 from 11h 59m to 12h 28m UT

Star:
 Mv = 9.5 Mp = 11.2 Mr = 8.6
 RA = 6 10 36.7541 (J2000)
 Dec = 28 2 48.178
 [of Date: 6 11 35, 28 2 23]
 Prediction of 2014 Sep 29.0

Max Duration = 9.7 secs
 Mag Drop = 3.9 (4.4r)
 Sun : Dist = 145 deg
 Moon: Dist = 121 deg
 : illum = 5 %
 E 0.041"x 0.031" in PA 90

Asteroid:
 Mag = 13.4
 Dia = 64km, 0.061"
 Parallax = 6.036"
 Hourly dRA = -1.613s
 dDec = 6.62"



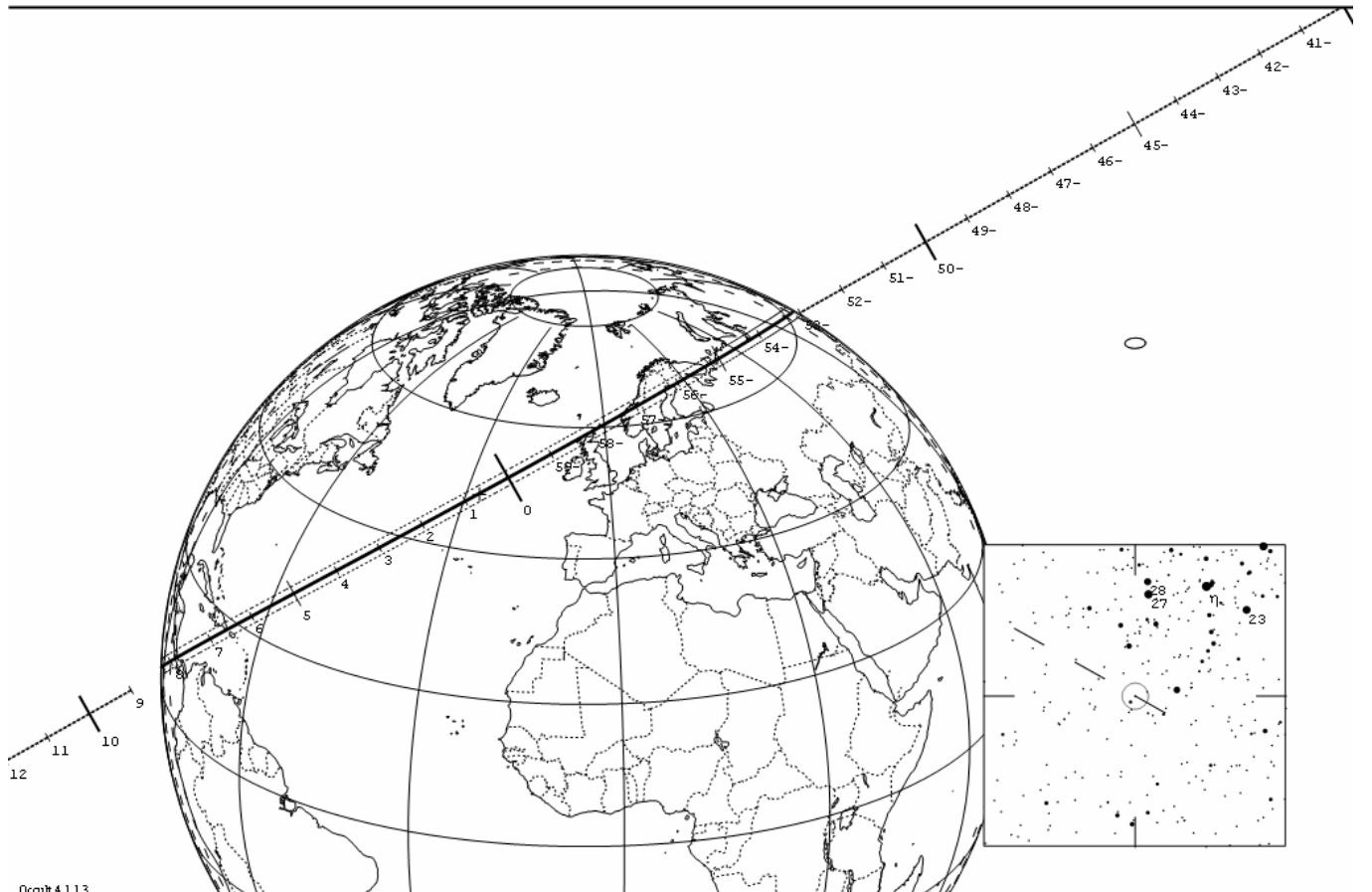
Occult4.113

5367 Sollenberger occults TYC 1800-00727-1 on 2014 Nov 23 from 23h 53m to 24h 8m UT

Star:
 Mv = 9.1 Mp = 9.5 Mr = 8.9
 RA = 3 49 32.7448 (J2000)
 Dec = 23 22 48.754
 [of Date: 3 50 28, 23 25 27]
 Prediction of 2014 Oct 1.0

Max Duration = 1.1 secs
 Mag Drop = 6.3 (6.1r)
 Sun : Dist = 176 deg
 Moon: Dist = 158 deg
 : illum = 3 %
 E 0.124"x 0.062" in PA 88

Asteroid:
 Mag = 15.4
 Dia = 13km, 0.010"
 Parallax = 5.066"
 Hourly dRA = -2.178s
 dDec = -16.93"



Occult4.113

2459 Spellmann occults HIP 38868 on 2014 Nov 28 from 18h 1m to 18h 43m UT

Star: Dia = 1mas
 Mv = 6.0 Mp = 7.0 Mr = 5.5
 RA = 7 57 15.8767 (J2000)
 Dec = 8 38 28.042
 [of Date: 7 58 5, 8 35 53]
 Prediction of 2014 Oct 4.0

Max Duration = 4.2 secs
 Mag Drop = 10.1 (10.2r)
 Sun : Dist = 126 deg
 Moon : Dist = 151 deg
 : illum = 42 %
 E 0.096"x 0.057" in PA 100

Asteroid:
 Mag = 16.1
 Dia = 20km, 0.013"
 Parallax = 4.119"
 Hourly dRA = -0.290s
 dDec = -11.13"

Expect fades - star dia.



Occult4.113

598 Octavia occults TYC 1302-01109-1 on 2014 Nov 29 from 2h 2m to 2h 15m UT

Star:
 Mv = 9.2 Mp = 10.1 Mr = 8.7
 RA = 5 42 23.8266 (J2000)
 Dec = 18 4 46.926
 [of Date: 5 43 18, 18 5 11]
 Prediction of 2014 Oct 5.0

Max Duration = 8.2 secs
 Mag Drop = 3.4 (3.4r)
 Sun : Dist = 160 deg
 Moon : Dist = 114 deg
 : illum = 46 %
 E 0.058"x 0.040" in PA 84

Asteroid:
 Mag = 12.5
 Dia = 78km, 0.082"
 Parallax = 6.693"
 Hourly dRA = -2.327s
 dDec = 13.59"



Occult4.113