

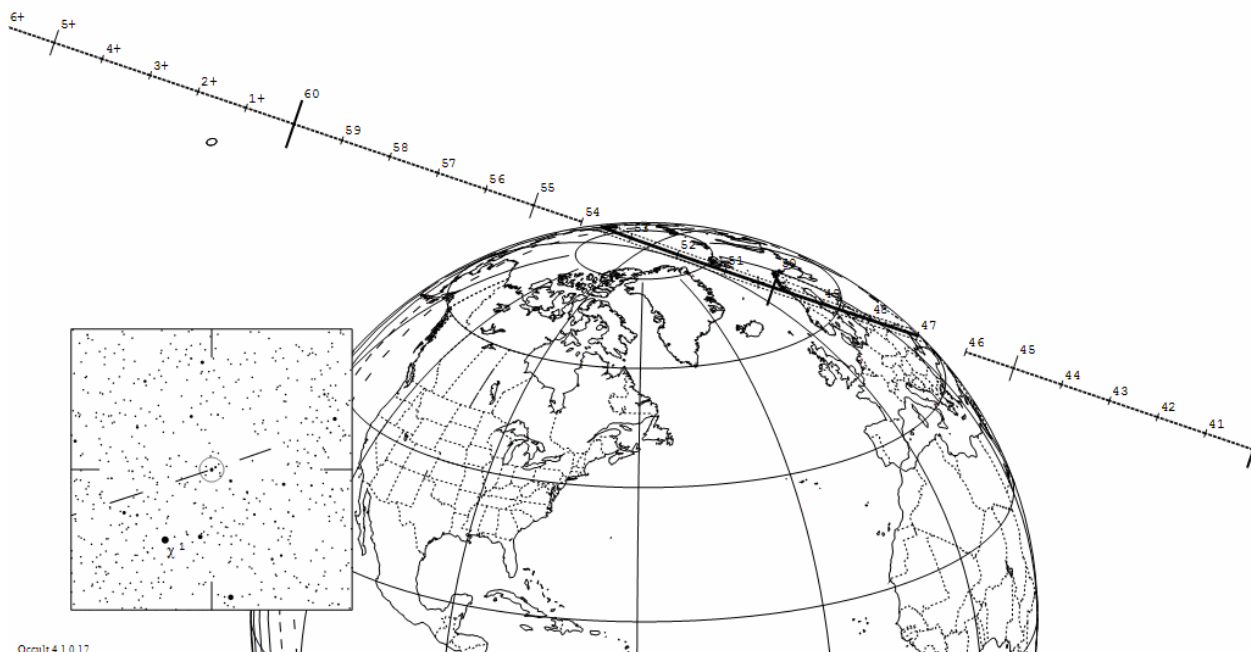
Избранные покрытия звезд до 9m астероидами в январе 2014 года

2988 Korhonen occults TYC 1324-02789-1 on 2014 Jan 6 from 2h 47m to 2h 54m UT

Star:
Mv = 7.7 Mp = 7.7 Mr = 7.7
RA = 5 52 59.2154 (J2000)
Dec = 20 46 40.030
[of Date: 5 53 51, 20 46 40]
Prediction of 2013 Dec 12.0

Max Duration = 1.1 secs
Mag Drop = 8.0 (7.6r)
Sun : Dist = 162 deg
Moon: Dist = 98 deg
illum = 29 %
E 0.060"x 0.039" in PA 76

Asteroid:
Mag = 15.7
Dia = 15km, 0.011"
Parallax = 4.663"
Hourly dRA = -2.431s
dDec = 11.58"

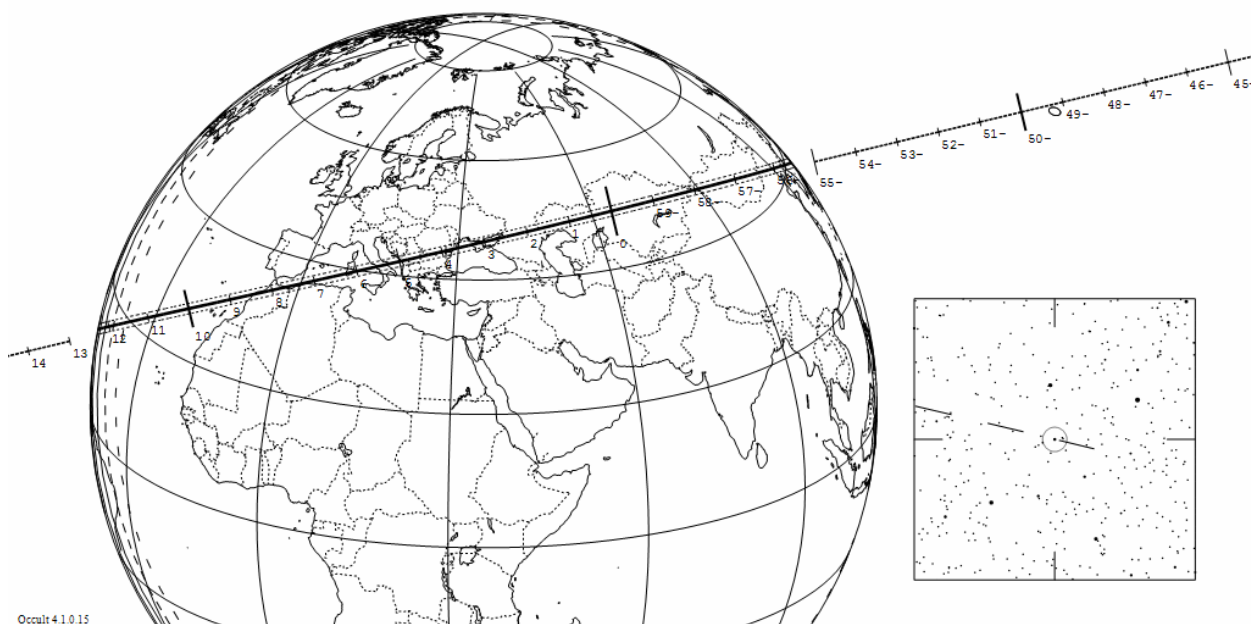


5546 Salavat occults HIP 34845 on 2014 Jan 17 from 20h 55m to 21h 12m UT

Star:
Mv = 8.2 Mp = 8.6 Mr = 8.0
RA = 7 12 39.3882 (J2000)
Dec = 20 59 2.485
[of Date: 7 13 31, 20 56 23]
Prediction of 2013 Nov 23.0

Max Duration = 1.0 secs
Mag Drop = 7.2 (7.0r)
Sun : Dist = 169 deg
Moon: Dist = 29 deg
illum = 97 %
E 0.092"x 0.058" in PA 109

Asteroid:
Mag = 15.4
Dia = 12km, 0.011"
Parallax = 5.995"
Hourly dRA = -2.700s
dDec = -9.11"

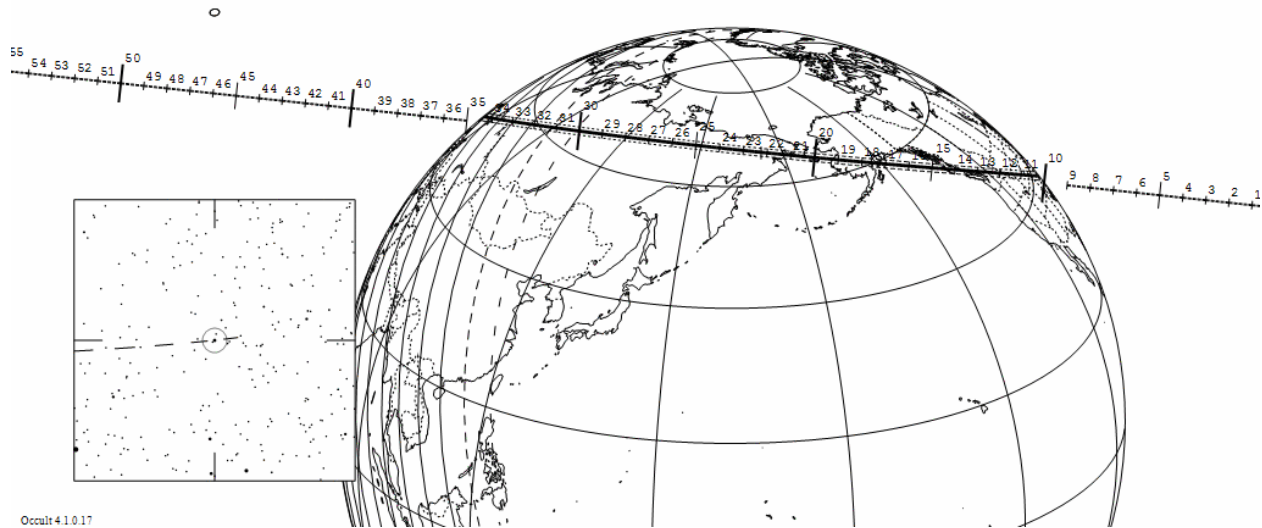


3541 Graham occults HIP 24151 on 2014 Jan 21 from 10h 10m to 10h 35m UT

Star:
Mv = 7.9 Mp = 8.4 Mr = 7.6
RA = 5 11 11.3852 (J2000)
Dec = 23 3 50.449
[of Date: 5 12 4, 23 4 44]
Prediction of 2013 Dec 12.0

Max Duration = 2.5 secs
Mag Drop = 9.2 (9.0r)
Sun : Dist = 137 deg
Moon: Dist = 100 deg
illum = 77 %
E 0.058"x 0.041" in PA 82

Asteroid:
Mag = 17.1
Dia = 16km, 0.012"
Parallax = 4.787"
Hourly dRA = -1.220s
dDec = 1.81"

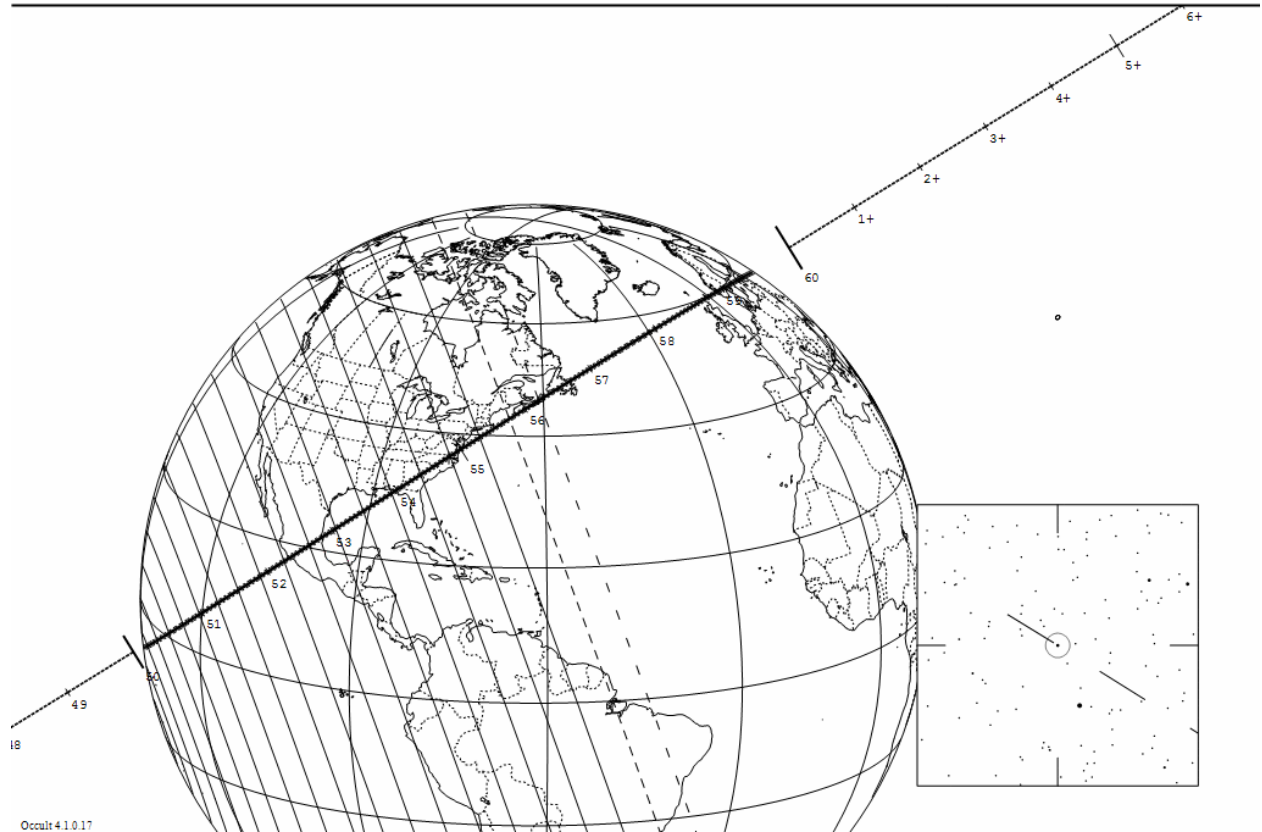


22412 1995 UQ4 occults HIP 9522 on 2014 Jan 24 from 21h 50m to 21h 59m UT

Star:
Mr = 8.1 Mp = 9.2 Mr = 7.5
RA = 2 2 29.0790 (J2000)
Dec = 15 29 43.416
[of Date: 2 3 16, 15 33 46]
Prediction of 2013 Dec 12.0

Max Duration = 0.6 secs
Mag Drop = 8.8 (9.9r)
Sun : Dist = 89 deg
Moon: Dist = 170 deg
illum = 43 %
E 0.029"x 0.023" in PA 230

Asteroid:
Mag = 16.9
Dia = 13km, 0.010"
Parallax = 4.927"
Hourly dRA = 3.407s
dDec = 30.34"

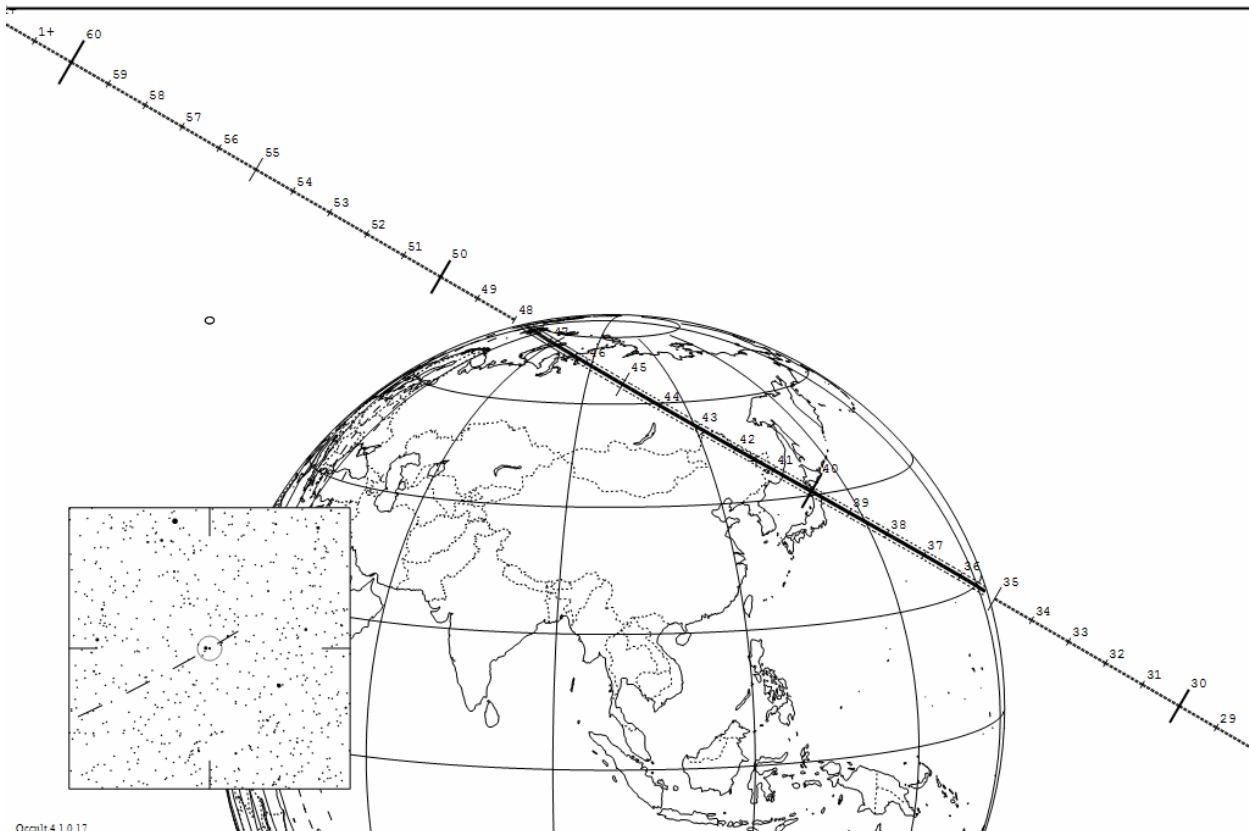


1617 Alschmitt occults TYC 0733-02430-1 on 2014 Jan 25 from 15h 35m to 15h 48m UT

Star:
Mv = 8.6 Mp = 8.6 Mr = 8.6
RA = 6 34 17.3658 (J2000)
Dec = 9 5 0.535
[of Date: 6 35 6, 9 4 6]
Prediction of 2013 Dec 12.0

Max Duration = 1.8 secs
Mag Drop = 6.5 (6.1r)
Sun : Dist = 150 deg
Moon : Dist = 134 deg
illum = 35 %
E 0.047"x 0.035" in PA 88

Asteroid:
Mag = 15.1
Dia = 21km, 0.014"
Parallax = 4.115"
Hourly dRA = -1.564s
dDec = 13.47"



602 Marianna occults HIP 37265 on 2014 Jan 27 from 23h 46m to 23h 58m UT

Star:
Mr = 4.9 Mp = 5.3 Mr = 4.7
RA = 7 39 3.8898 (J2000)
Dec = 34 35 2.065
[of Date: 7 40 7, 34 32 52]
Prediction of 2013 Dec 12.0

Max Duration = 3.8 secs
Mag Drop = 7.9 (7.7r)
Sun : Dist = 159 deg
Moon : Dist = 151 deg
illum = 12 %
E 0.031"x 0.028" in PA 99

Asteroid:
Mag = 12.8
Dia = 130km, 0.087"
Parallax = 4.265"
Hourly dRA = -2.500s
dDec = -7.98"

