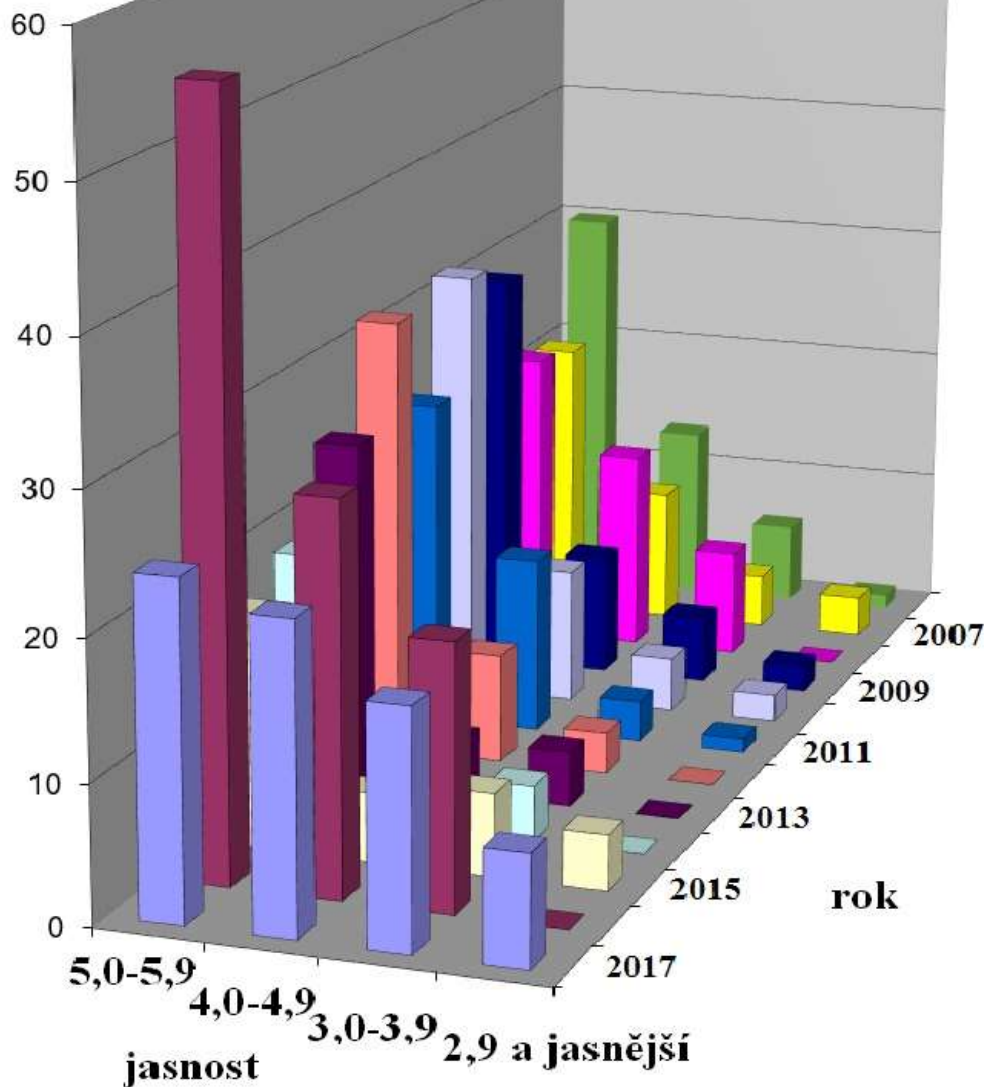


Totální zákryty

2017

počet zákrytů



Totální zákryty 2017

čekají nás tři noční a
tři denní zákryty
Aldebarana Měsícem

Totální zákryty 2017

Occultation prediction for CZ 2017

E. Longitude 15 0 0.0, Latitude 50 0 0.0

day		Time			P	Star	Sp	Mag	%	Elon	Sun	Moon	CA	PA	VA	AA
m	d	h	m	s		No	D	v	ill	Alt	Alt	Az	o	o	o	o
02	5	18	7	0.6	D	669SG7		3.8	68+	111		56 172	81N	70	75	78
02	5	18	7	32.6	D	671SA7		3.4	68+	111		56 172	80S	89	94	98
02	5	22	38	42	M	692SK5		0.9	69+	113		31 259	5N	355	313	3
03	4	21	0	31.0	D	635cG8		3.7	42+	81		26 263	70N	61	19	71
04	14	1	15	2.4	R	2223SK0		3.9	93-	148		25 182	54N	313	311	299
04	28	18	21	15.9	D	692SK5		0.9	7+	32	-2	20 272	57N	58	16	66
06	3	19	10	38.5	D	1821SF0		2.8	72+	117	-2	39 186	74N	98	94	74
06	3	19	11	16.8	D	X 54027SF0		3.5	72+	117	-2	38 186	73N	98	94	74
06	22	15	24	56.6	D	692SK5		0.9	4-	22	33	14 279	-83N	61	20	69
08	15	23	28	51	M	635cG8		3.7	39-	77		10 77	4N	345	26	355
08	16	6	59	52.1	D	692SK5		0.9	36-	74	29	54 206	-60N	50	33	58
08	16	8	4	8.7	R	692SK5		0.9	36-	73	38	48 229	62N	289	258	296
11	5	19	45	29.9	R	635cG8		3.7	96-	157		26 96	47S	231	273	240
11	6	3	4	2.9	D	692SK5		0.9	95-	154		45 236	-43S	140	106	147
11	6	3	39	33.0	R	692SK5		0.9	95-	153		40 245	21S	203	165	211
12	8	22	8	6.2	R	1487SB7		1.4	64-	107		11 84	45S	245	286	223
12	30	17	14	52.7	D	635cG8		3.7	92+	146		36 110	51S	111	150	120
12	31	1	25	24.8	D	692SK5		0.9	93+	150		27 263	38S	124	82	132
12	31	2	9	45.4	R	692SK5		0.9	93+	150		20 272	-60S	223	180	230

Tečné zákryty
2017

B

15° E

C

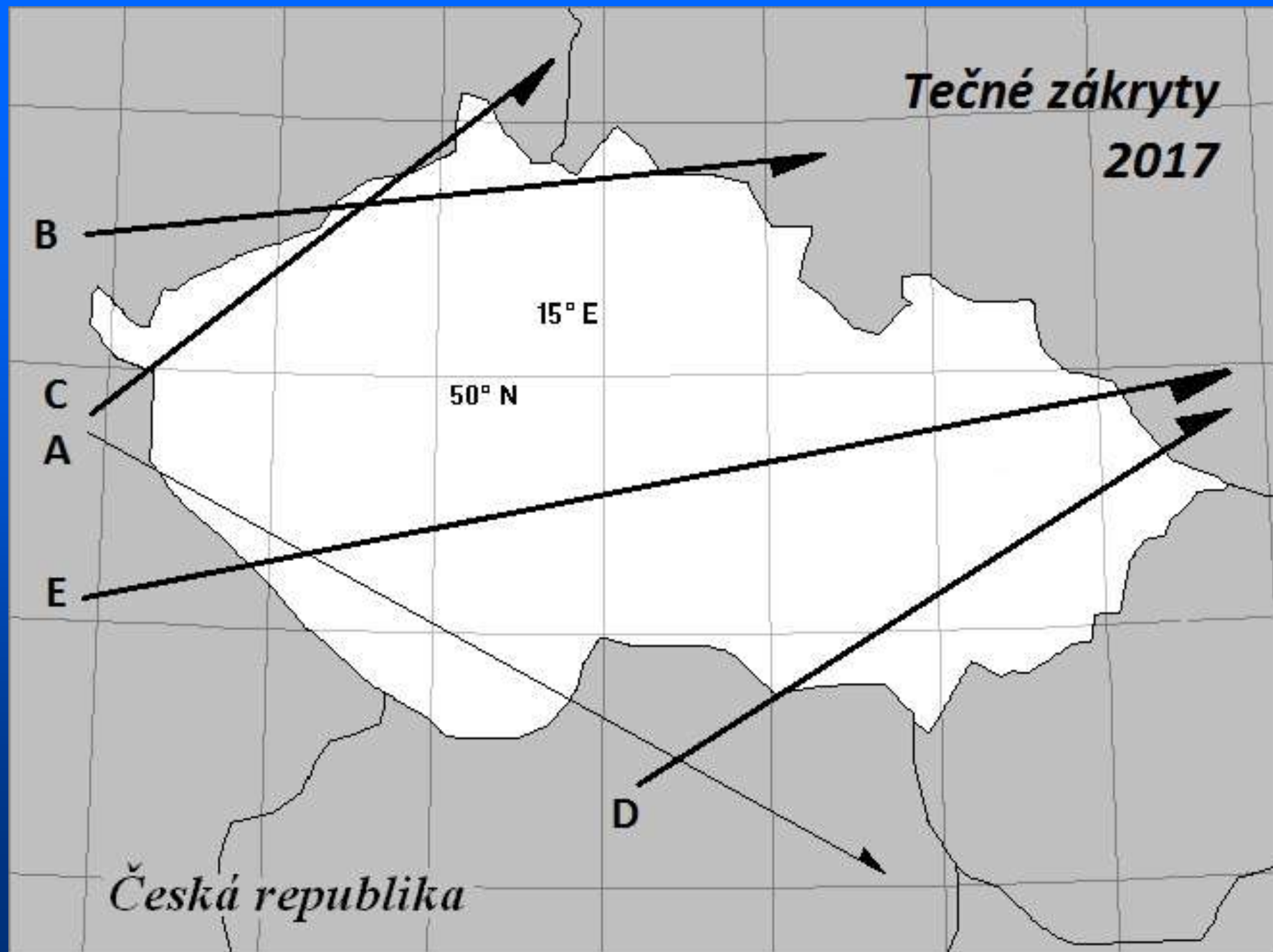
50° N

A

E

D

Česká republika



Tečné zákryty 2017

Česká republika

č.	čas UT		hvězda číslo	mag	Měsíc fáze	h°	A°	CA °	Ø dal mm	oblast
	2017	hh:mm								
A	04.06.	22:50	1941	4.7	82%+	56	206	2.4N	150	JZ Č
B	29.08.	19:26	2399	4.9	54%+	47	173	0.3N	100	S Č
C	11.09.	00:07	462	6.0	75%-	47	224	9.3N	100	SZ Č
D	29.09.	19:52	2886	4.9	66%+	16	221	1.8S	100	JV M
E	15.10.	02:21	1449	6.5	22%-	34	105	7.5N	100	Z Č až S M

Tečné zákryty 2017

E

Grazing Occultation of 1449 M0 Magnitude 6.3 [Red = 5.6] s

R1449 = 23 Leonis

Date: 2017 Oct 15 2h 20m, to 2017 Oct 15 2h 22m

Nominal site altitude 402m

E. Longit.	Latitude	U.T.	Sun	Moon	TanZ	PA	AA	CA
o ' "	o ' "	h m s	Alt	Alt Az		o	o	o
12 0 0	49 5 3.0	2 20 2		18 91	3.06	11.8	350.51	7.79N
13 0 0	49 13 6.9	2 20 29		19 92	2.93	11.9	350.60	7.70N
14 0 0	49 20 52.7	2 20 57		20 93	2.81	12.0	350.70	7.60N
15 0 0	49 28 20.2	2 21 26		20 94	2.70	12.1	350.80	7.50N
16 0 0	49 35 29.1	2 21 56		21 95	2.60	12.2	350.91	7.39N

1449 is variable:

1449 = NSV 18283, 6.45, Type VAR

Illumination of moon 22%-

Elongation of Moon 56

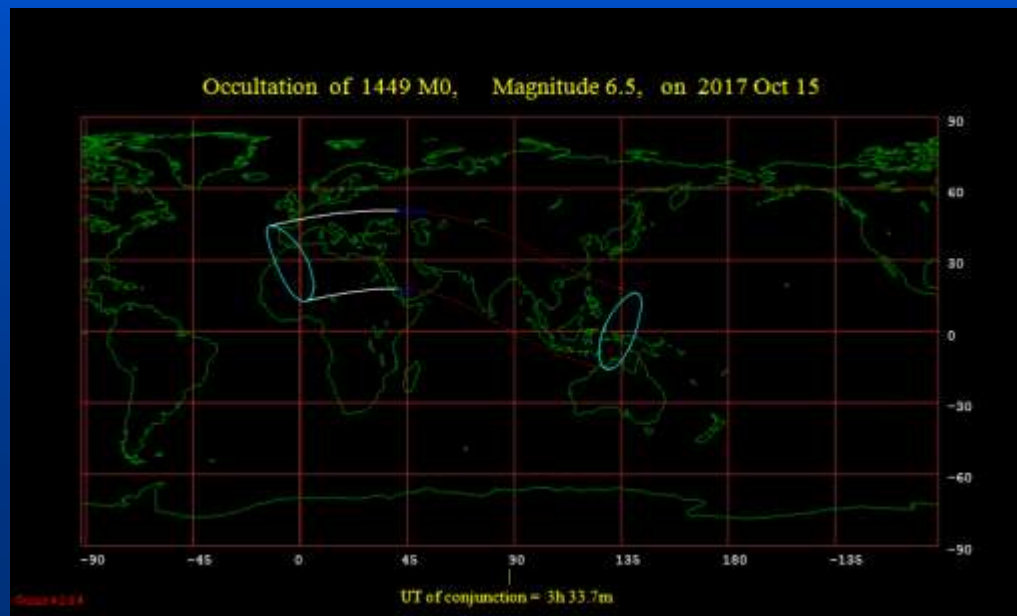
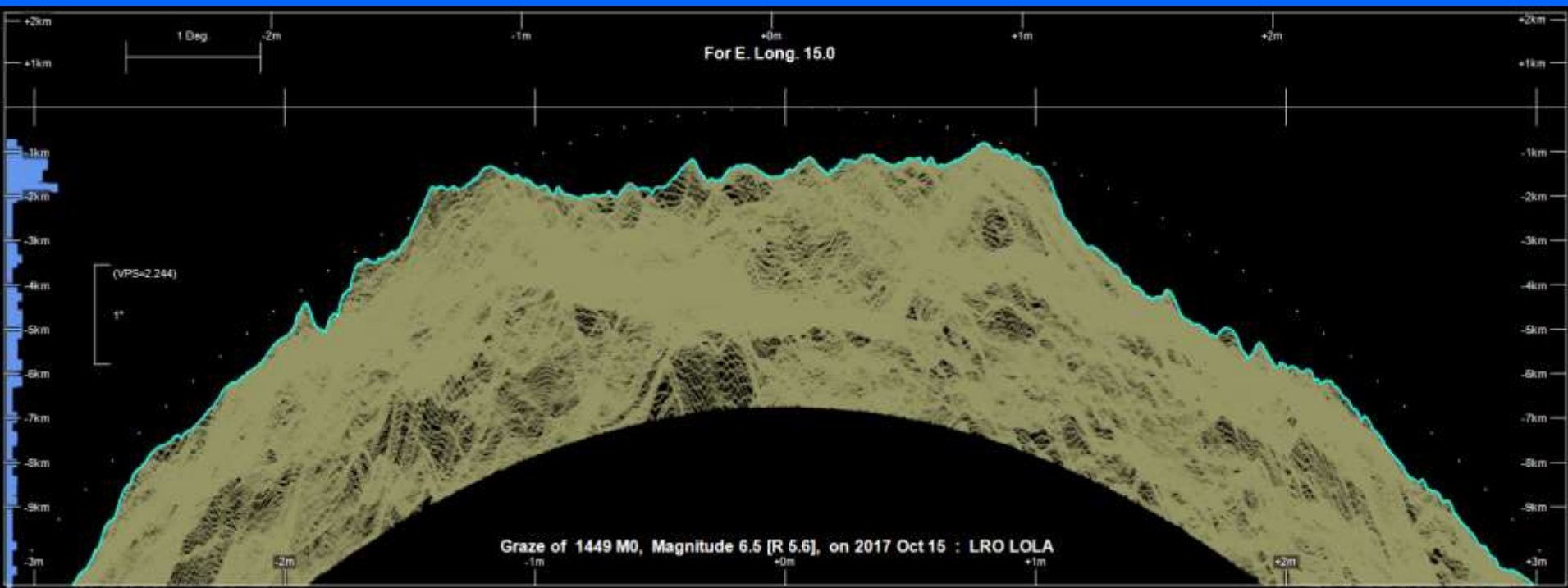
Vertical Profile Scale 2.18 km/arcsec

Horizontal Scale Factor 1.88 deg/min

At longitude 13.50:

Limiting Magnitudes for various telescope apertures

CA\Tdia	5	10	15	20	25	30	35
3.6	4.8	6.2	7.0	7.4	7.8	8.0	8.1
5.6	4.9	6.3	7.0	7.5	7.8	8.0	8.2
7.6	5.7	7.1	7.9	8.4	8.8	9.1	9.2
9.6	5.8	7.2	8.0	8.5	8.9	9.1	9.3
11.6	5.8	7.3	8.1	8.6	8.9	9.2	9.4



Zákryty – střední Evropa 2017

datum	čas UT	planetka	hvězda	trv.	pok	h	úk.	h	Sl
m den	hod min	jméno	prům mag	s	mag	°	°	°	°
01 05	21 08	Miriam	86 12,3	13,1	1,1	56	-54		
01 06	19 27	Lucina	137 12,3	10,4	0,7	52	-39		
01 16	20 28	Hertha	82 12,4	10,8	7,0	62	-46		
02 04	20 16	Armida	110 12,4	16,7	1,8	62	-40		
02 06	23 50	Heidelberga	78 11,7	14,4	1,9	47	-55		
02 18	19 11	Crescentia	44 11,7	3,9	1,9	44	-27		
02 22	20 31	Felicitas	91 11,9	8,0	1,4	50	-37		
03 04	23 00	Asporina	64 11,6	6,6	2,3	22	-46		
03 05	18 58	Helina	41 12,4	25,1	3,2	67	-21		
04 07	01 30	Abanderada	40 10,9	4,8	4,1	28	-26		
04 22	22 21	Seppina	74 12,4	5,0	1,5	39	-27		
05 16	02 04	Phocaea	78 11,2	4,2	0,7	36	-10		
08 03	02 01	Dorothea	44 12,1	4,1	1,3	25	-13		
08 12	22 19	Walpurga	66 12,5	6,8	2,1	33	-25		
09 11	01 33	Cybele	230 11,1	13,8	2,4	36	-27		
09 29	02 02	Malva	47 11,2	3,2	3,9	59	-28		
10 08	03 33	Olbersia	57 12,4	6,2	3,7	76	-17		

146 Lucina & UCAC4-592-028952

2017 jan 6 19^h27.5^m U.T.

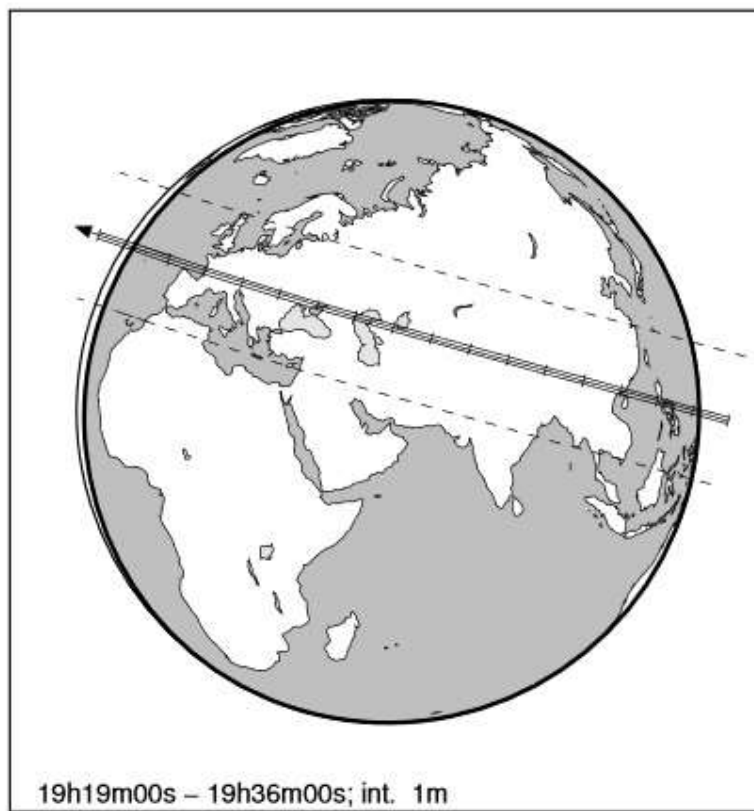
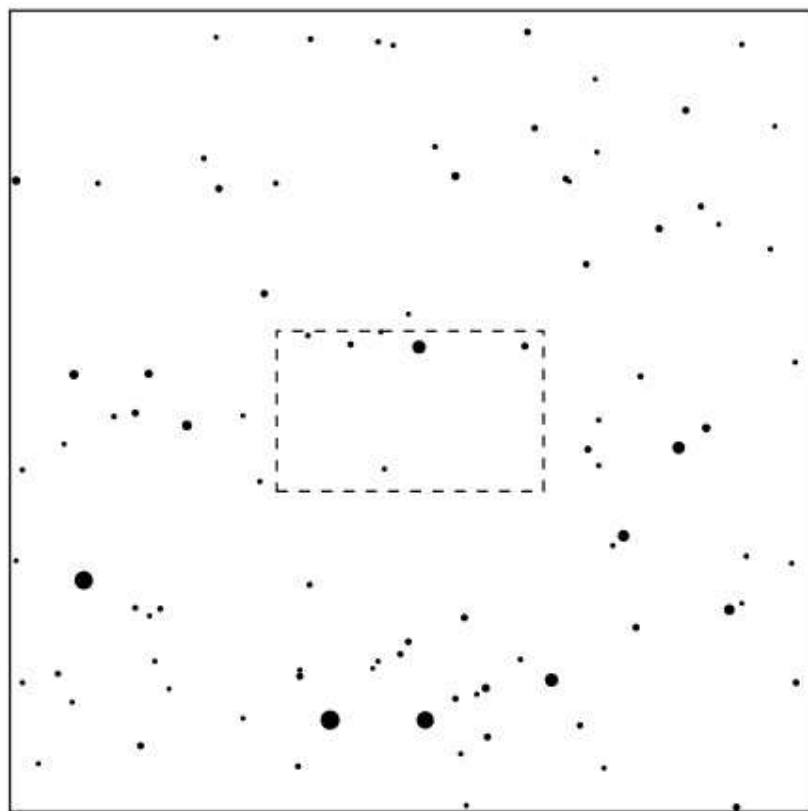
Zákryty hvězd planetkami
2017

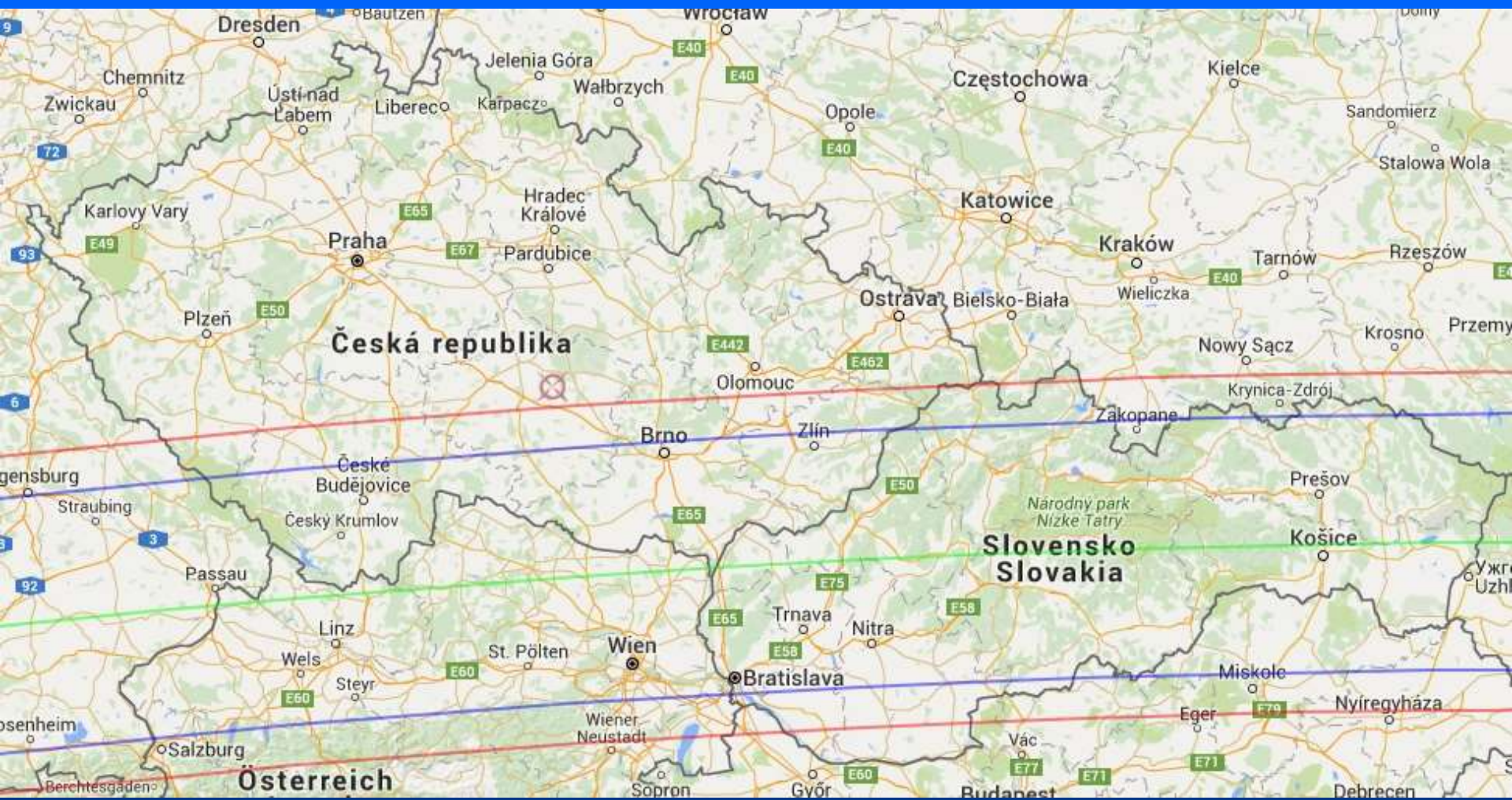
Planet: $a = 2.72, e = 0.06$
V. mag. = 12.25 Diam. = 137.0 km = 0.10"
 $\mu = 35.13''/h$ $\pi = 4.71''$ Ref. = EG2015

Star: Source cat. UCAC4
 $\alpha = 6^h16^m09.694^s$ $\delta = +28^\circ17'30.57''$
Vmag = 12.33 Bmag = 12.86

$\Delta m = 0.7$ Max. dur. = 10.4s

Sun : 166° Moon : 65° , 61%





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E58

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Rzeszów

Stalowa Wola

Sandomierz

Kielce

Częstochowa

Opole

Wrocław

Walbrzych

Jelenia Góra

Karpacz

Liberec

Ústí nad
Labem

Chemnitz

Zwickau

Dresden

Bautzen

Dolny

72

93

6

92

3

9

E40

E40

E40

E65

E67

E50

E442

E462

E65

E50

E75

E65

E58

E60

E60

E60

E60

E77

E71

E70

E71

E4

135 Hertha & UCAC4-582-028494

2017 jan 16 20^h28.1^m U.T.

Zákryty hvězd planetkami
2017

Planet: $a = 2.43$, $e = 0.21$
V. mag. = 12.26 Diam. = 82.0 km = 0.06"
 $\mu = 31.97''/h$ $\pi = 4.84''$ Ref. = EG2015

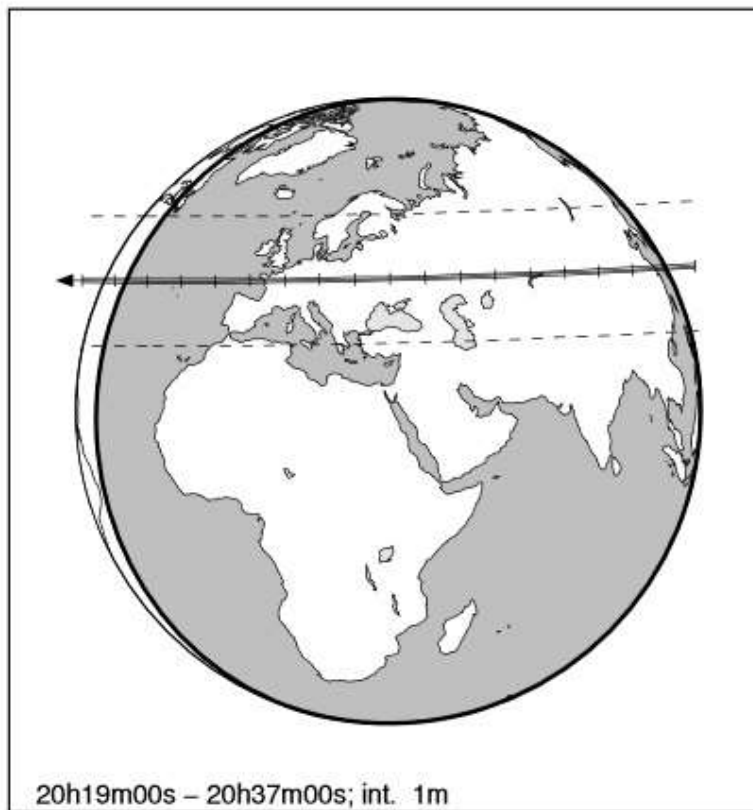
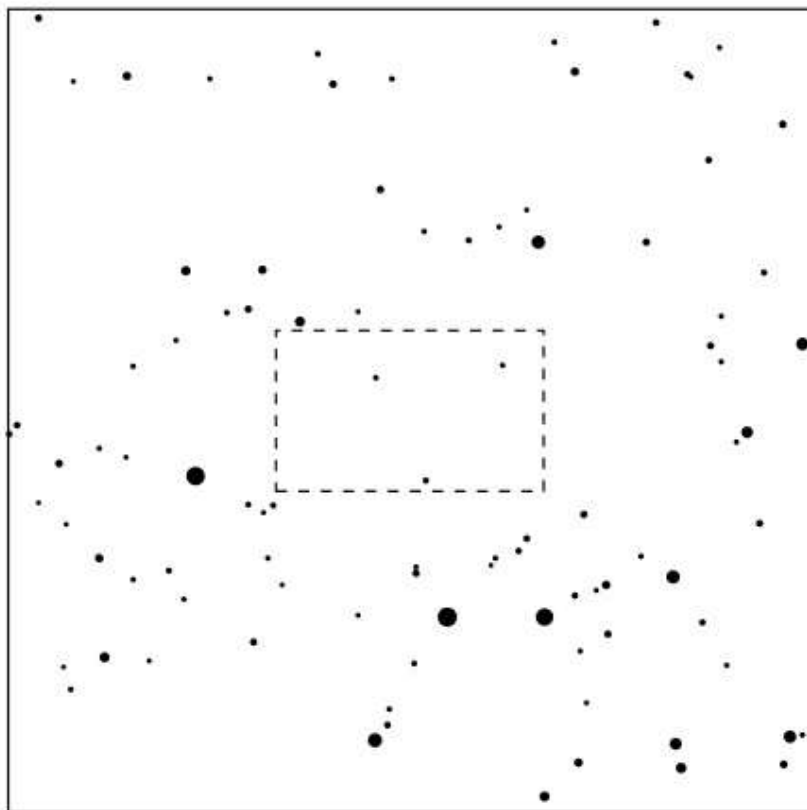
Star: Source cat. UCAC4
 $\alpha = 6^h26^m04.905^s$ $\delta = +26^\circ21'20.14''$
Vmag = 12.38 Bmag = 14.10

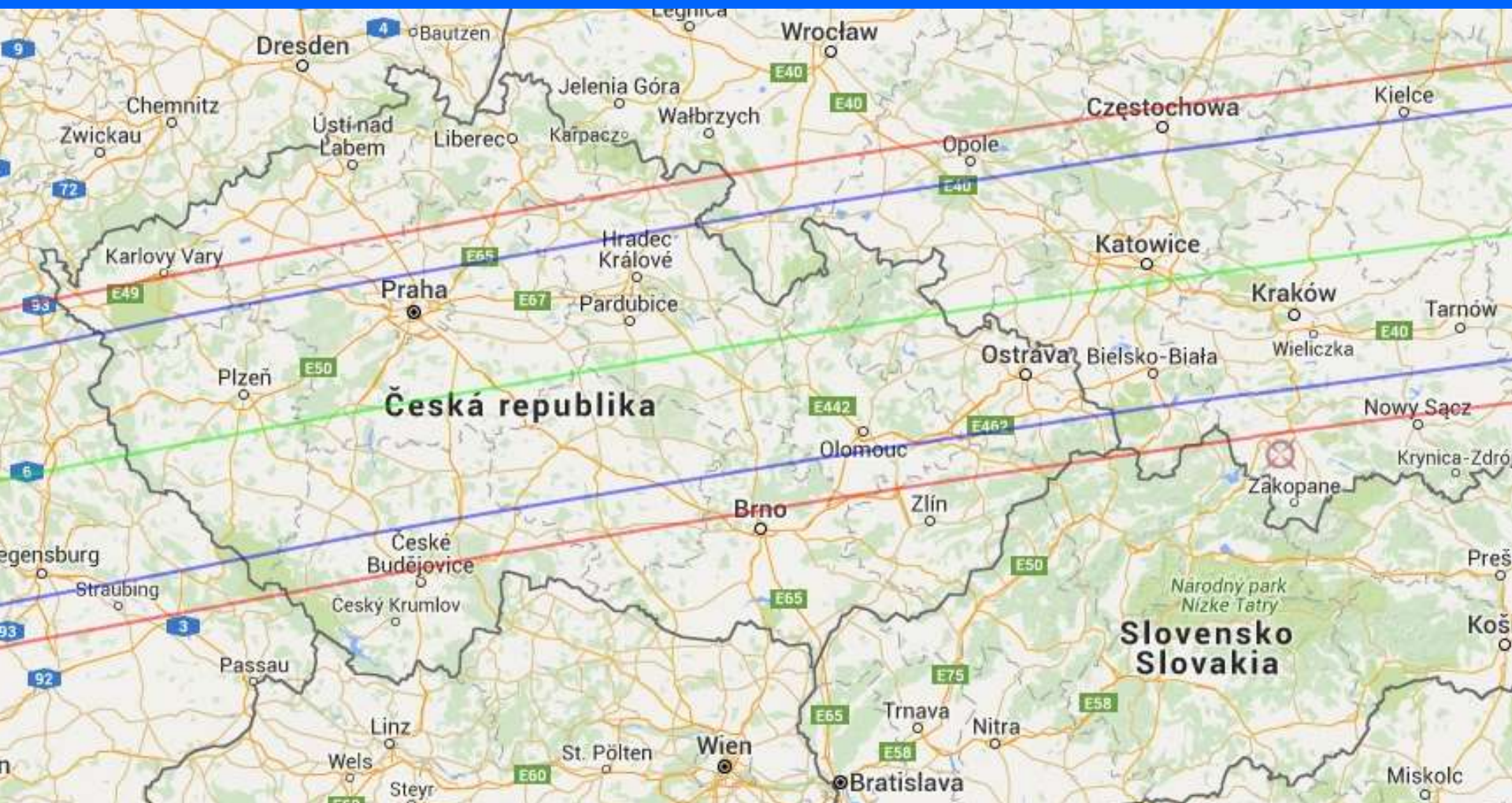
$\Delta m = 0.7$

Max. dur. = 7.0s

Sun : 158°

Moon : 76° , 78%





Dresden

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Chemnitz

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Katowice

Kraków

Tarnów

Karlovy Vary

Praha

Hradec Králové

Pardubice

Ostrava

Bielsko-Biala

Wieliczka

Plzeň

Česká republika

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E462

Nowy Sącz

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St. Pölten

Wien

Bratislava

Trnava

Nitra

E58

Miskolc

93

3

92

Steyr

E60

E65

E50

E75

E65

E58

E40

E40

E40

E65

E67

E442

E462

E40

72

93

6

93

92

9

4

Bautzen

Legnica

n

325 Heidelberga & UCAC4-617-033234

2017 feb 6 23^h50.8^m U.T.

Zákryty hvězd planetkami 2017

Planet: $a = 3.20$, $e = 0.18$
V. mag. = 13.34 Diam. = 78.0 km = 0.05"
 $\mu = 12.94''/h$ $\pi = 4.22''$ Ref. = EG2015

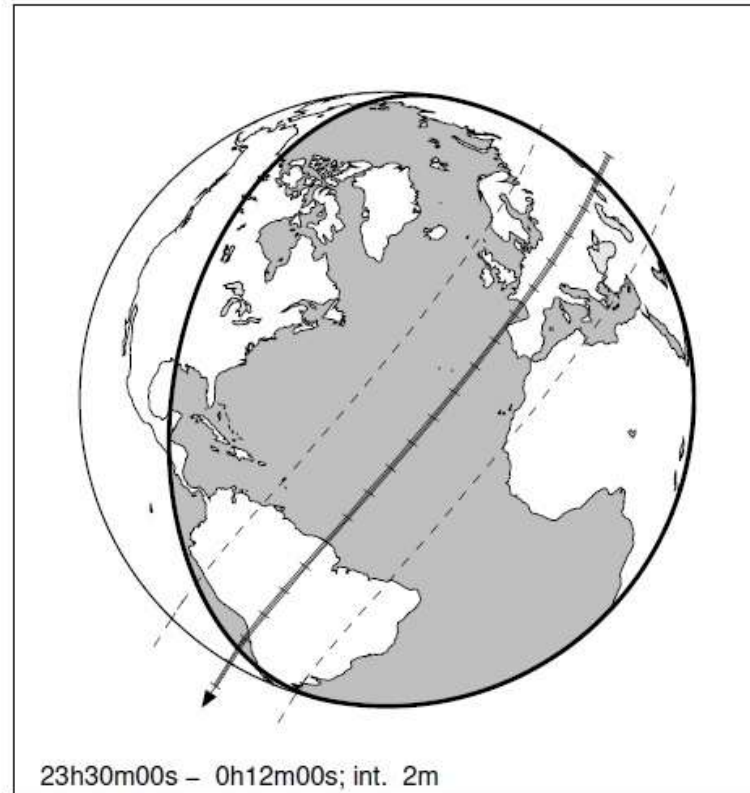
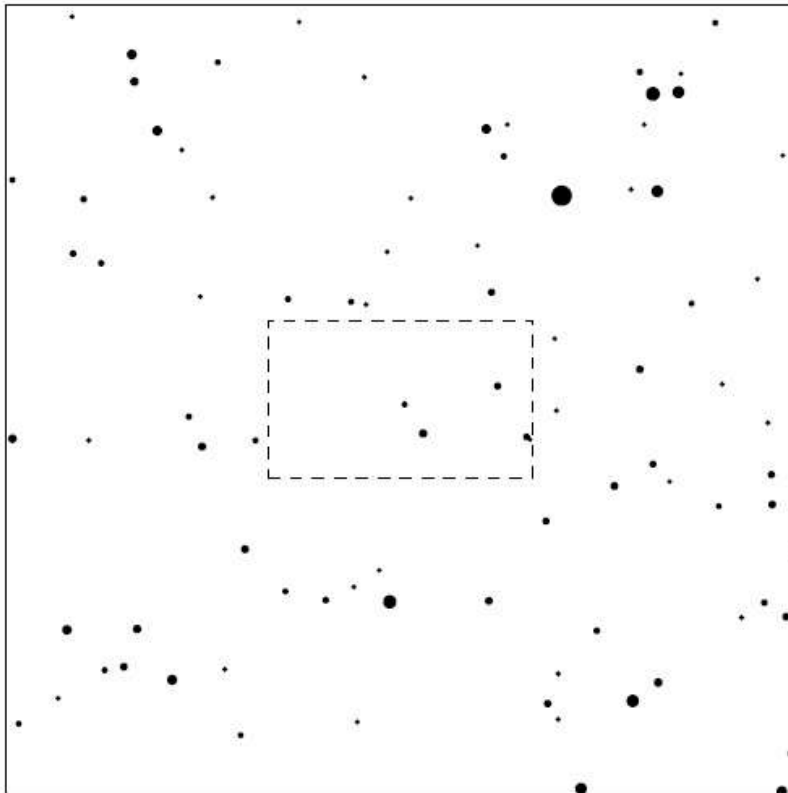
Star: Source cat. UCAC4
 $\alpha = 6^h14^m26.274^s$ $\delta = +33^\circ21'00.61''$
Vmag = 11.70 Bmag = 12.09

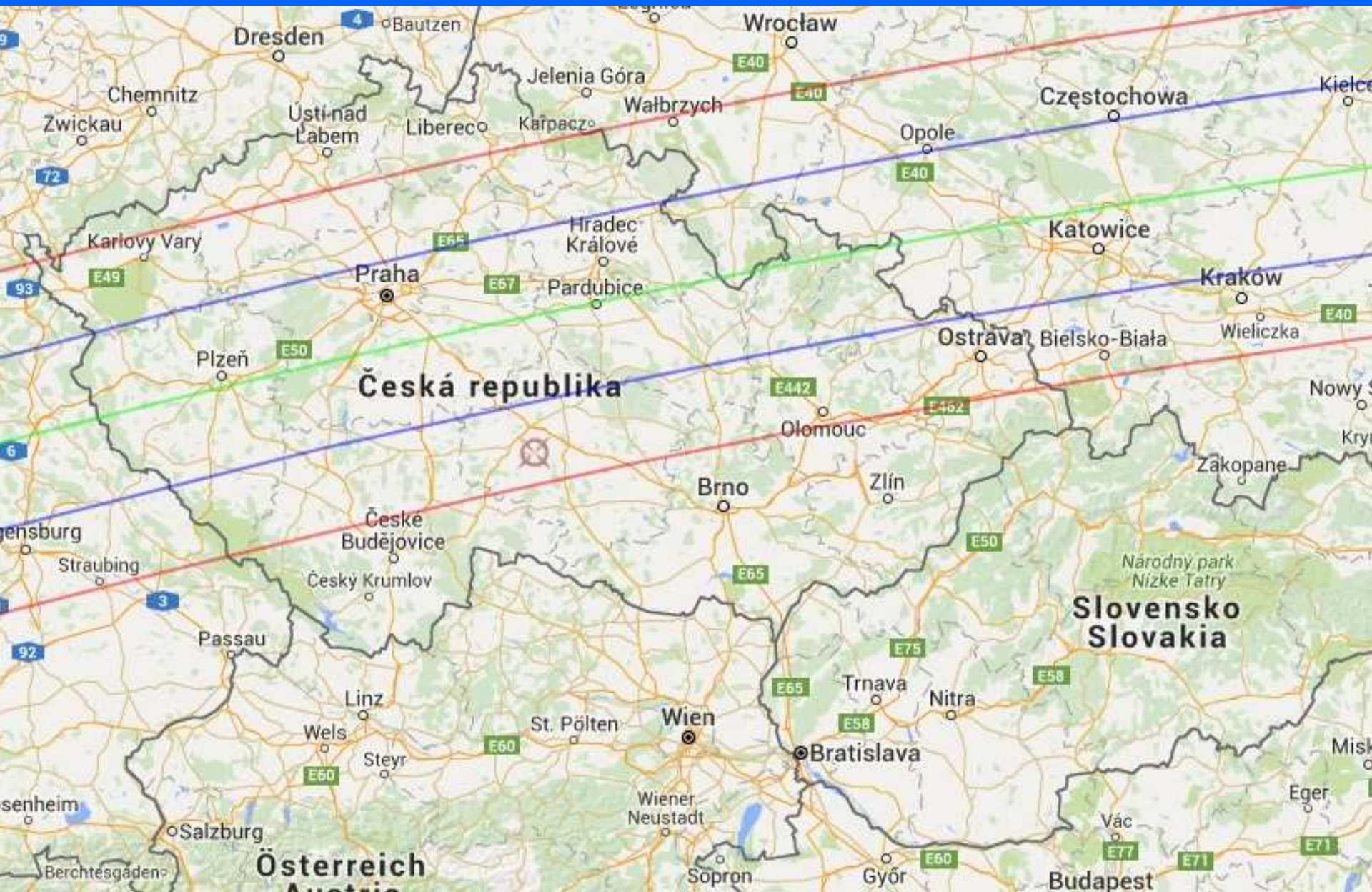
$\Delta m = 1.9$

Max. dur. = 14.4s

Sun : 134°

Moon : 17° , 80%





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Austria

660 Crescentia & UCAC4-501-046818

2017 feb 18 19^h11.1^m U.T.

Zákryty hvězd planetkami 2017

Planet: $a = 2.53, e = 0.10$
V. mag. = 13.32 Diam. = 44.2 km = 0.03"
 $\mu = 30.62''/h$ $\pi = 4.81''$ Ref. = EG2015

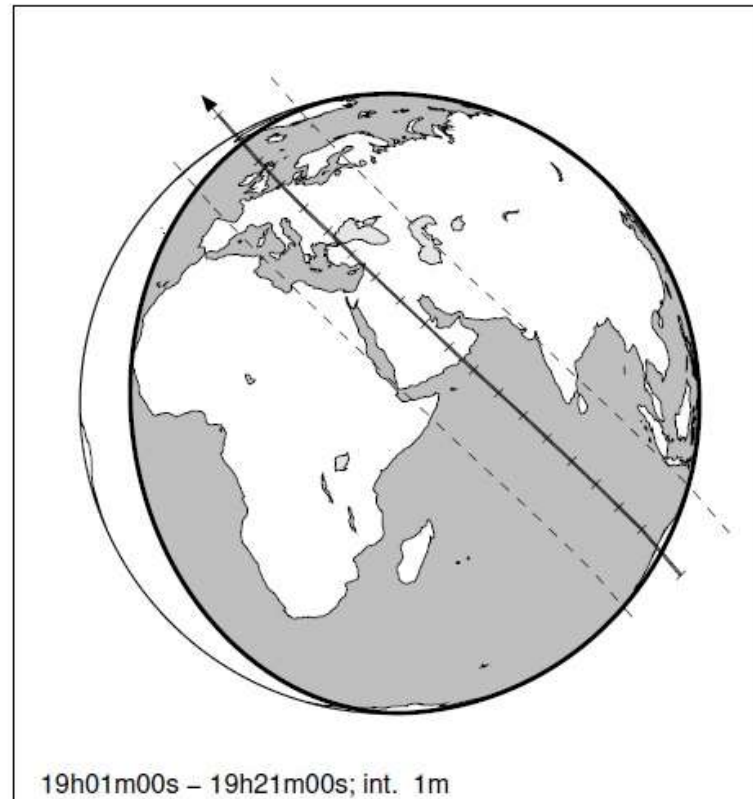
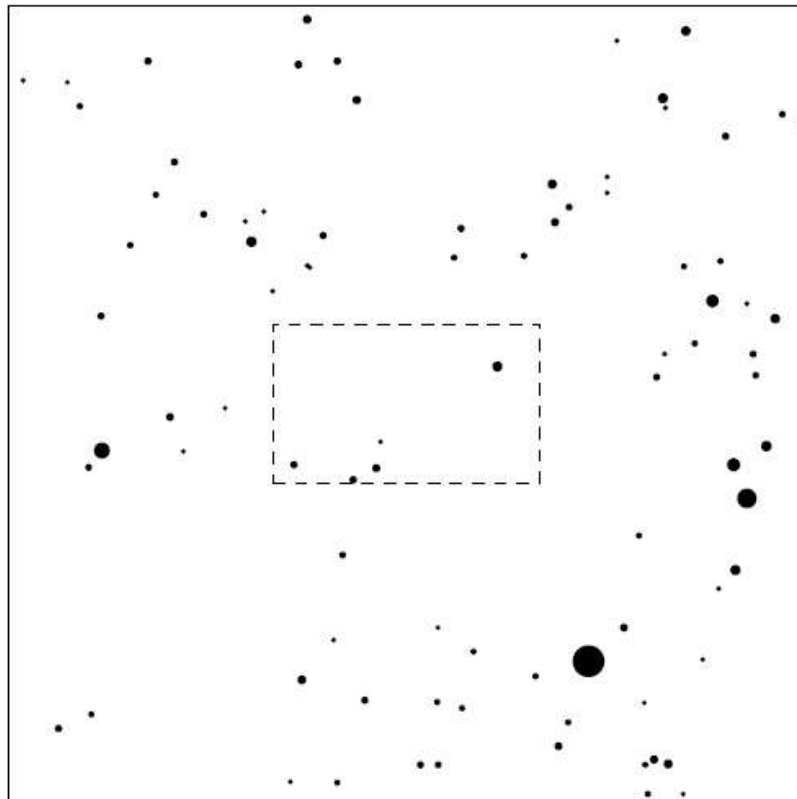
Star: Source cat. UCAC4
 $\alpha = 7^h53^m13.496^s$ $\delta = +10^\circ04'17.44''$
Vmag = 11.66 Bmag = 12.36

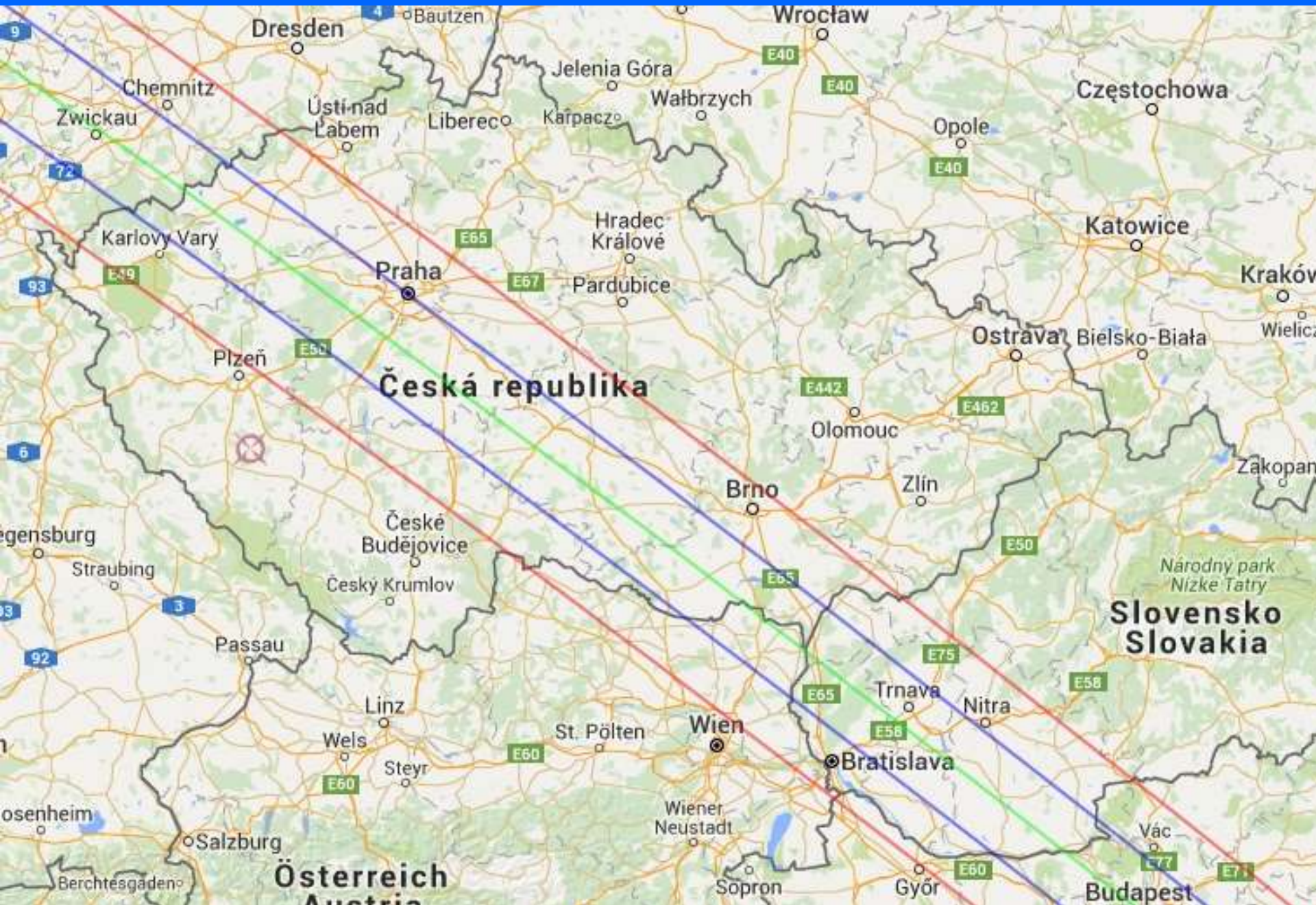
$\Delta m = 1.9$

Max. dur. = 3.9s

Sun : 146°

Moon : 122° , 50%





Dresden

Wrocław

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Mannheim

Salzburg

Österreich
Austria

Wiener Neustadt

Sopron

Győr

Budapest

Vác

109 Felicitas & UCAC4-464-047439

2017 feb 22 20^h31.9^m U.T.

Zákryty hvězd planetkami
2017

Planet: $a = 2.69, e = 0.30$
V. mag. = 12.93 Diam. = 91.0 km = 0.07"
 $\mu = 31.18''/h$ $\pi = 4.83''$ Ref. = EG2015

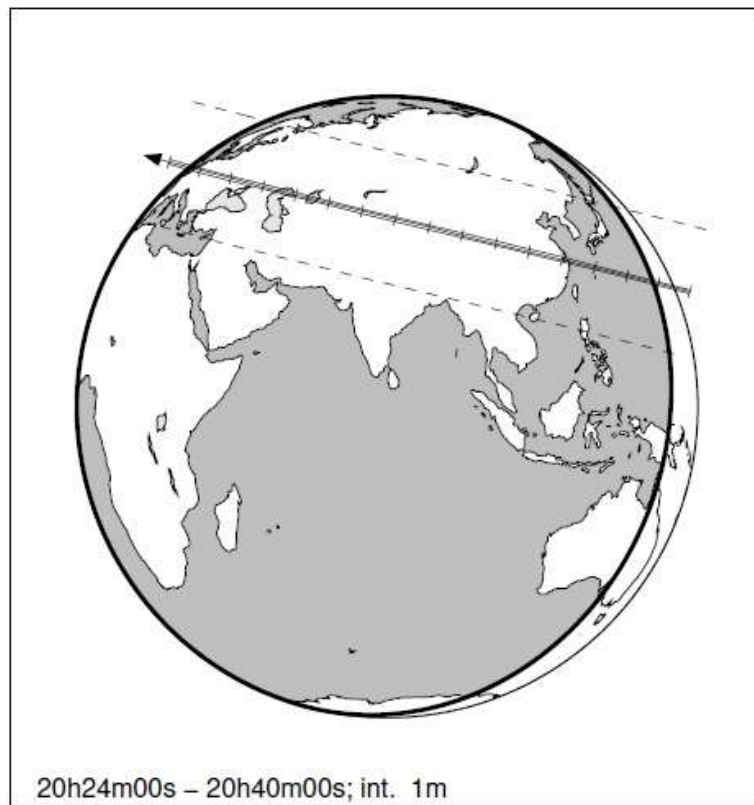
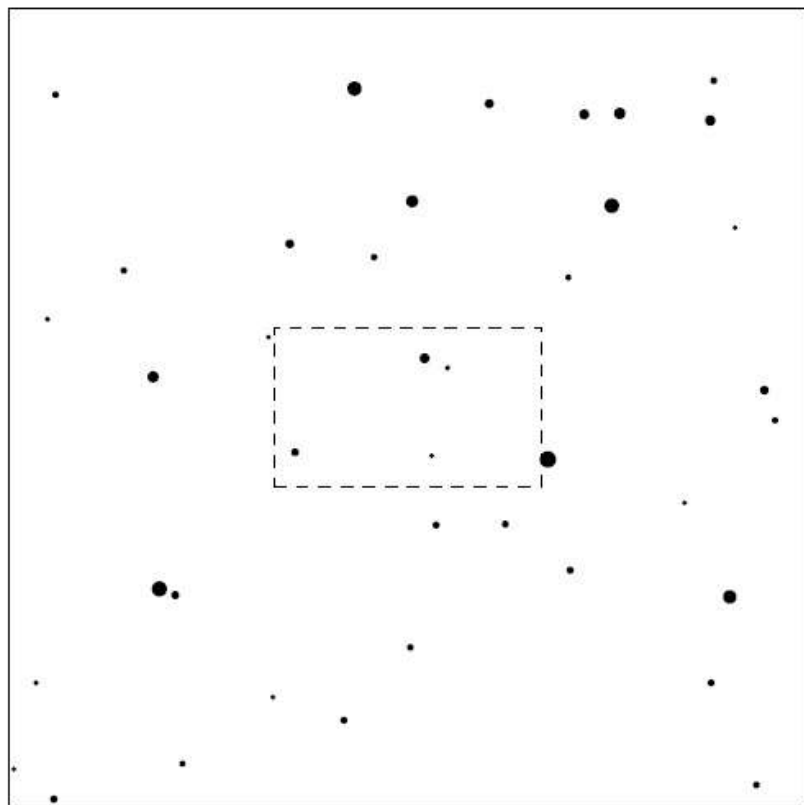
Star: Source cat. UCAC4
 $\alpha = 12^h01^m12.524^s$ $\delta = +2^\circ44'44.74''$
Vmag = 11.93 Bmag = 12.52

$\Delta m = 1.4$

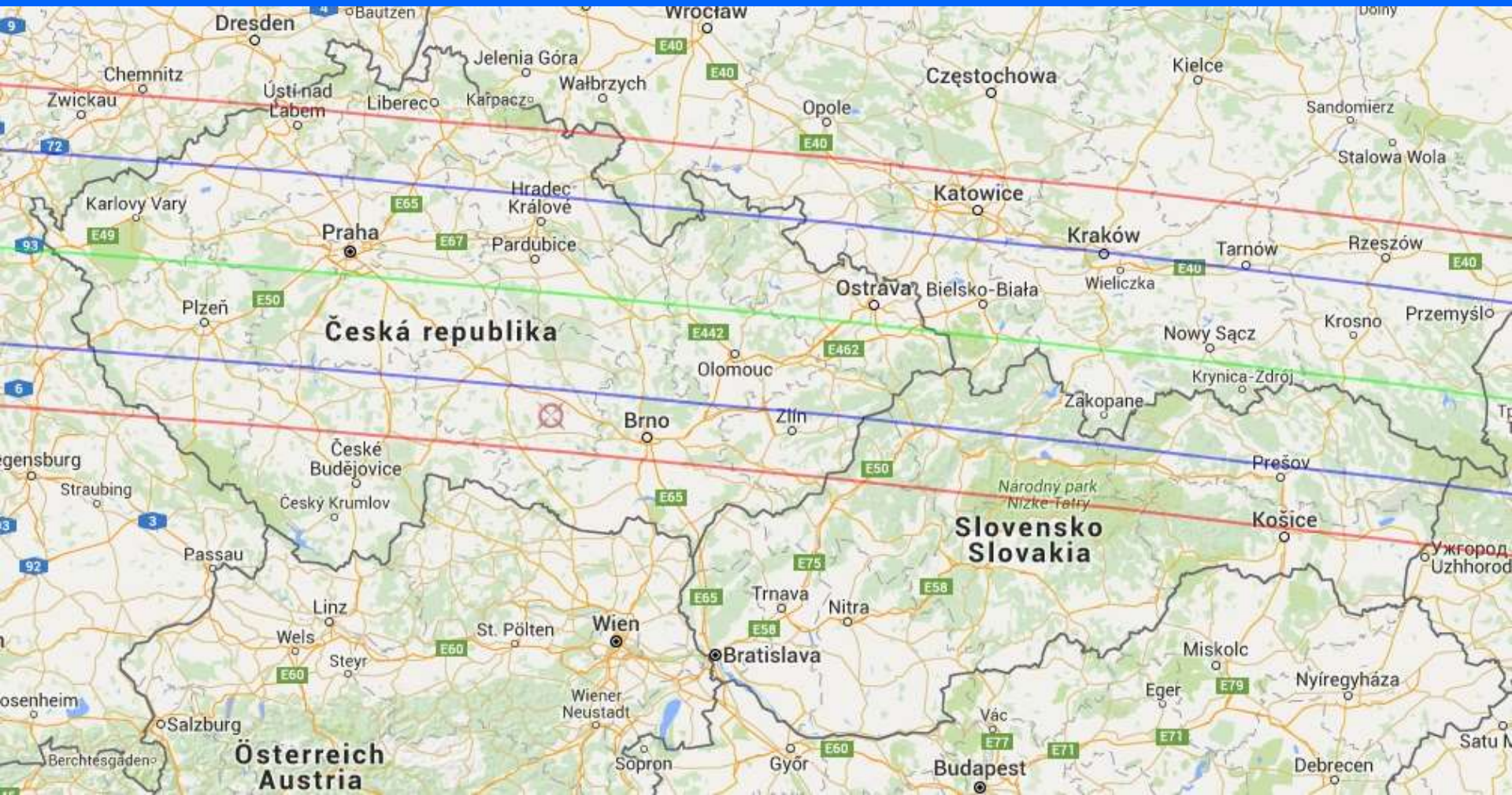
Max. dur. = 8.0s

Sun : 154°

Moon : 109° , 15%



20h24m00s – 20h40m00s; int. 1m



1075 Helina & UCAC4-589-039884

2017 mar 5 18^h58.1^m U.T.

Zákryty hvězd planetkami 2017

Planet: $a = 3.01, e = 0.11$
V. mag. = 15.57 Diam. = 40.5 km = 0.02"
 $\mu = 3.12''/h$ $\pi = 3.42''$ Ref. = EG2015

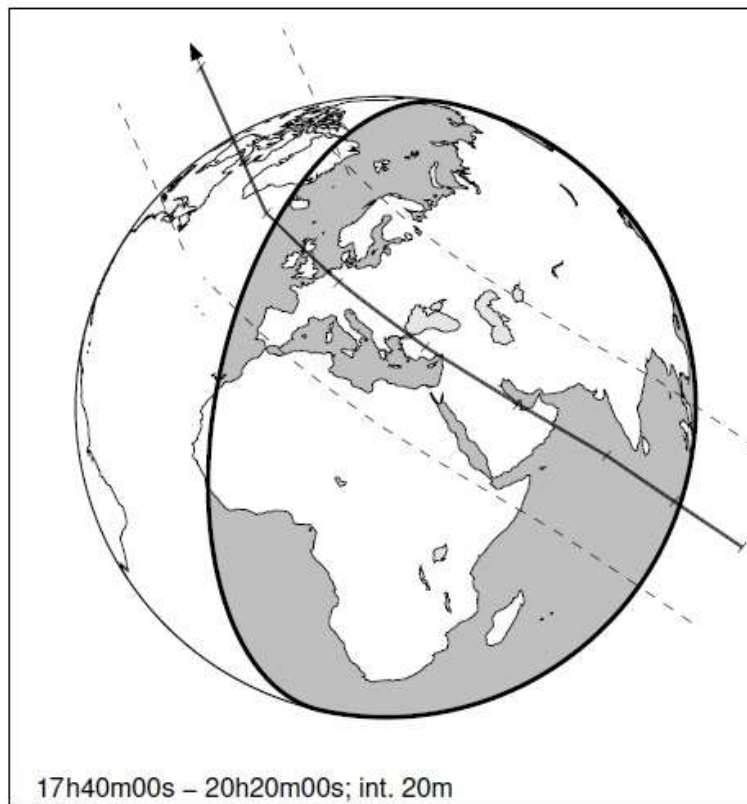
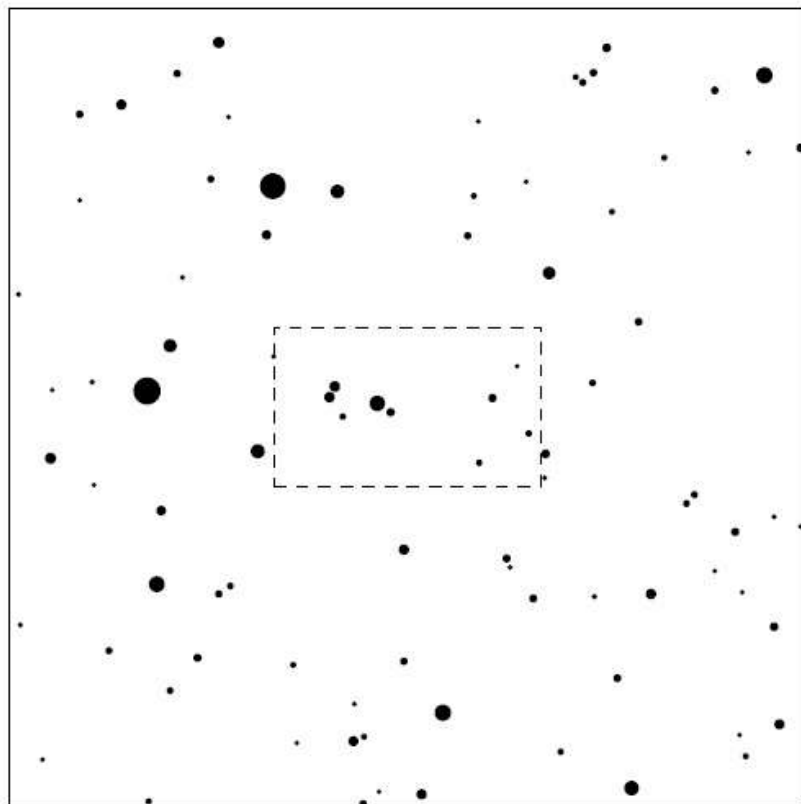
Star: Source cat. UCAC4
 $\alpha = 7^h23^m09.582^s$ $\delta = +27^\circ43'55.65''$
Vmag = 12.45 Bmag = 12.90

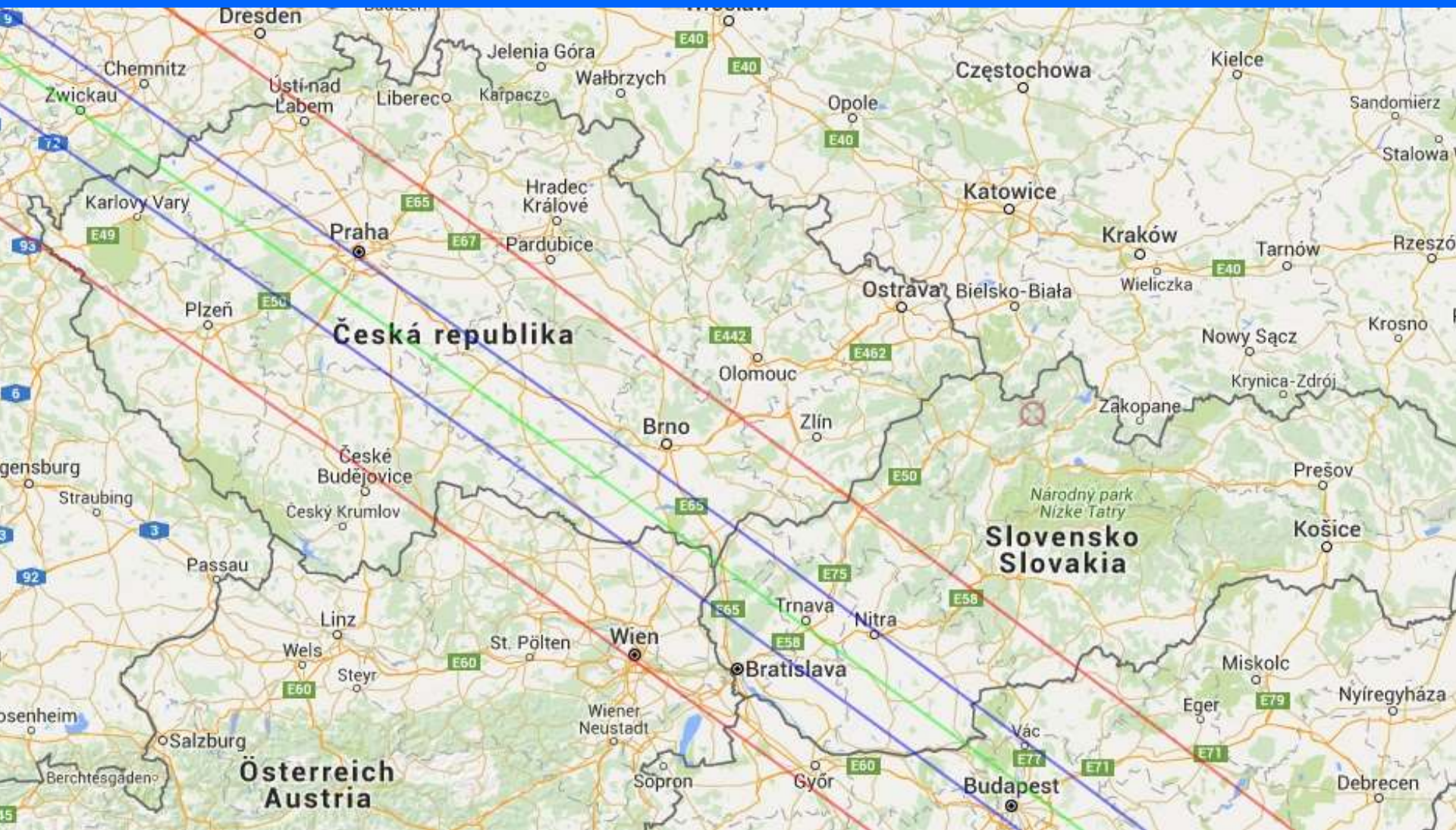
$\Delta m = 3.2$

Max. dur. = 25.1s

Sun : 123°

Moon : 31° , 54%





Česká republika

Slovensko
Slovakia

Österreich
Austria

483 Seppina & UCAC4-464-051737

2017 apr 22 22^h21.5^m U.T.

Zákryty hvězd planetkami
2017

Planet: $a = 3.43$, $e = 0.05$
V. mag. = 13.51 Diam. = 73.5 km = 0.04"
 $\mu = 28.91''/h$ $\pi = 3.48''$ Ref. = EG2015

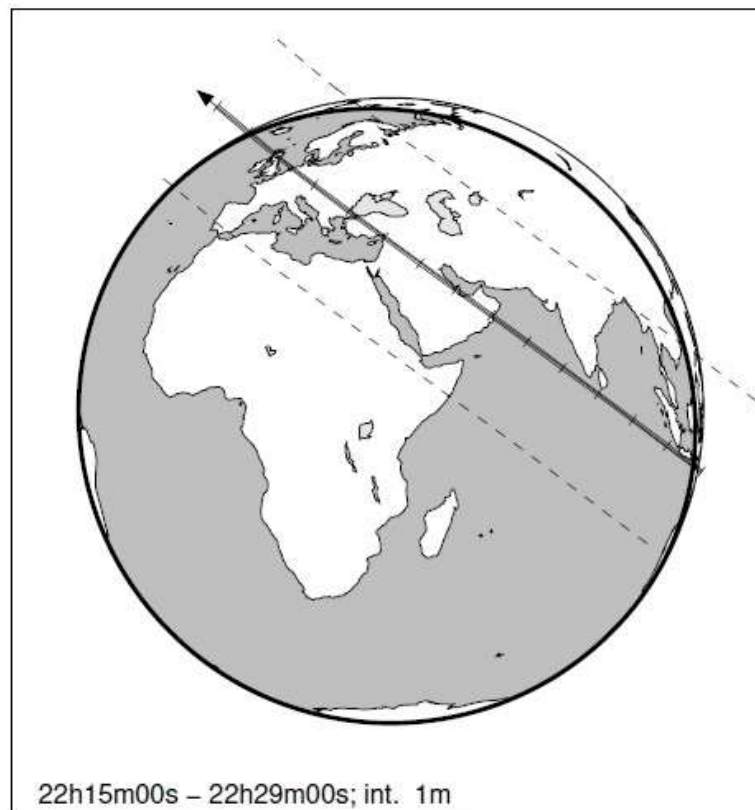
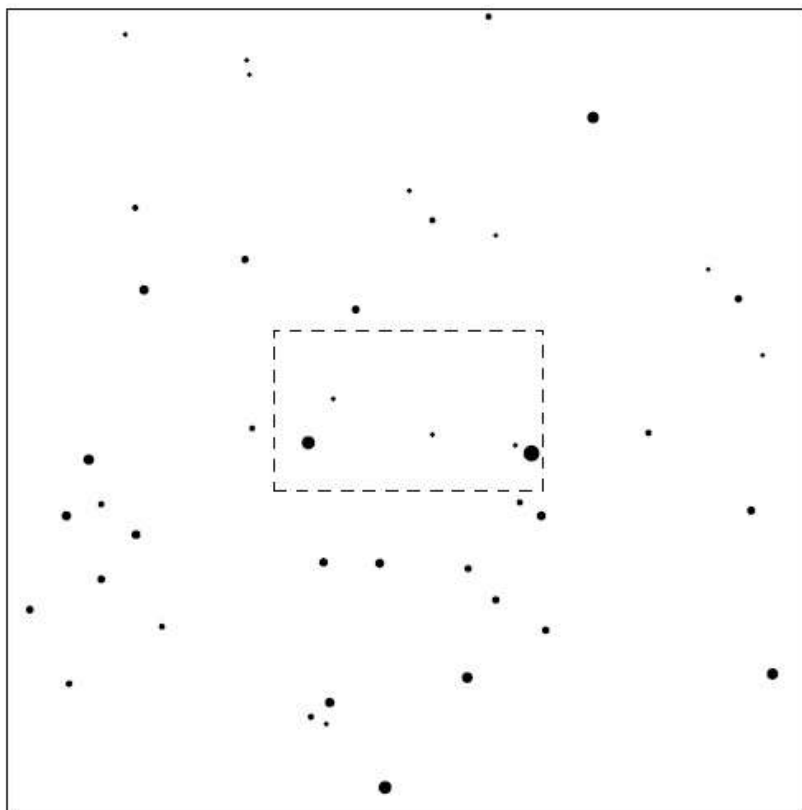
Star: Source cat. UCAC4
 $\alpha = 14^{\text{h}}55^{\text{m}}26.723^{\text{s}}$ $\delta = +2^{\circ}41'17.48''$
Vmag = 12.39 Bmag = 13.48

$\Delta m = 1.5$

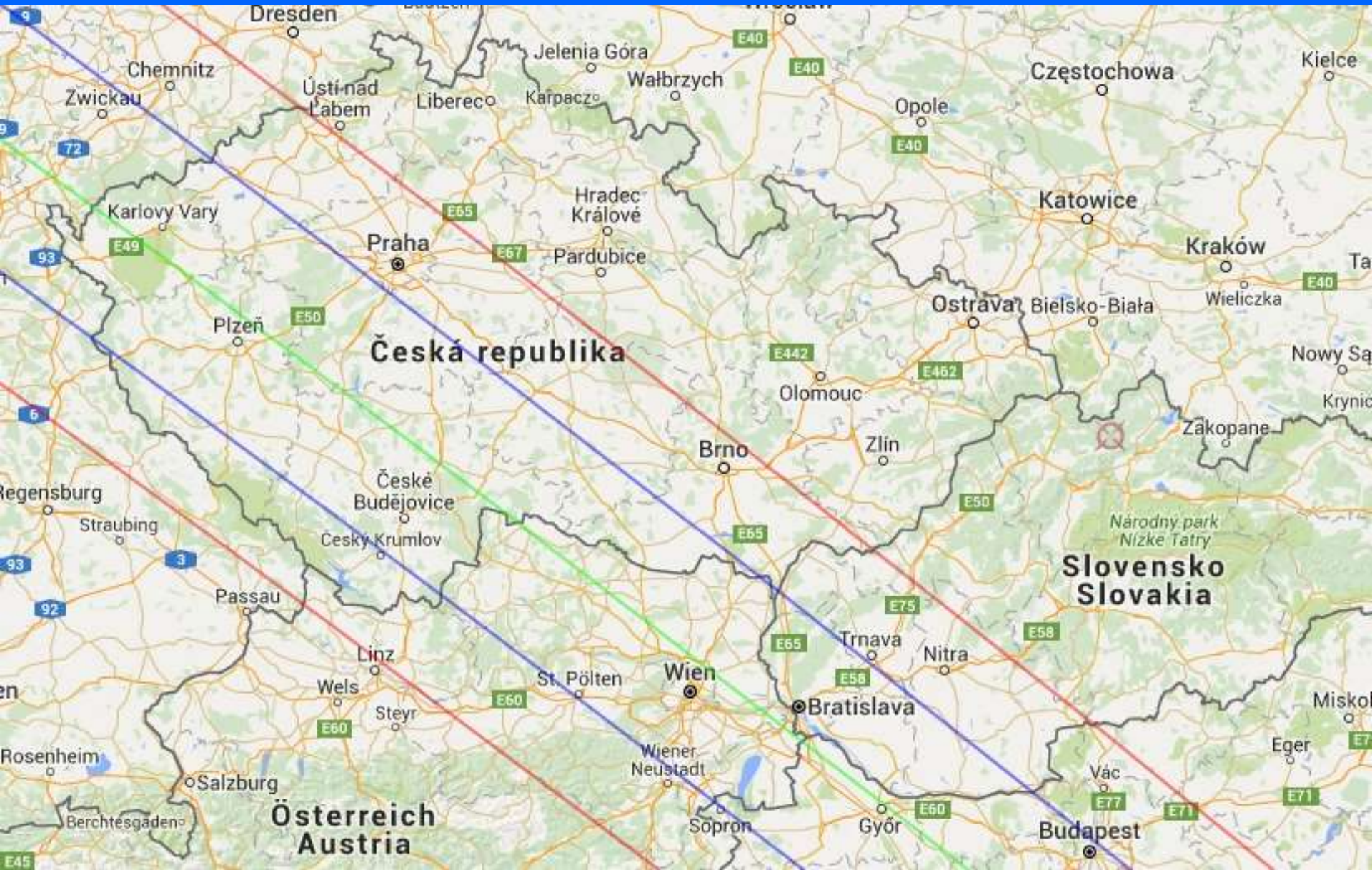
Max. dur. = 5.0s

Sun : 159°

Moon : 122° , 17%



22h15m00s – 22h29m00s; int. 1m



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Straubing

Passau

Regensburg

Regensburg

Enns

Rosenheim

Berchtesgaden

Salzburg

E45

E92

E93

E6

E93

E72

E9

E65

E67

E40

E40

E40

E49

E50

E65

E442

E462

E65

E50

E75

E65

E58

E58

E60

E60

E60

E77

E71

E71

E7

25 Phocaea & UCAC4-494-129106

2017 may 16 2^h 4.9^m U.T.

Zákryty hvězd planetkami
2017

Planet: $a = 2.40, e = 0.26$
V. mag. = 11.11 Diam. = 78.0 km = 0.08"
 $\mu = 69.69''/h$ $\pi = 6.69''$ Ref. = EG2015

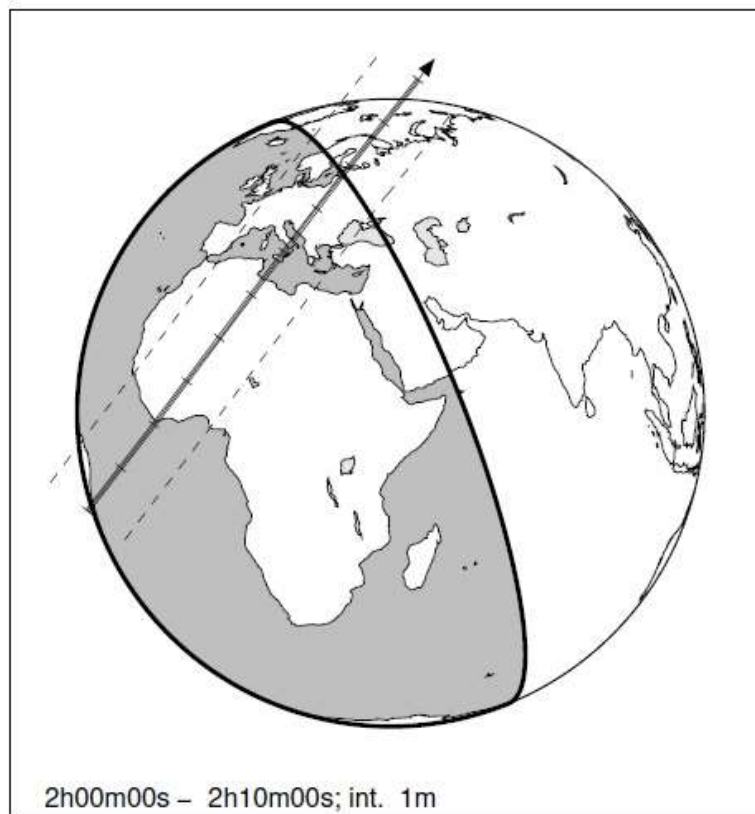
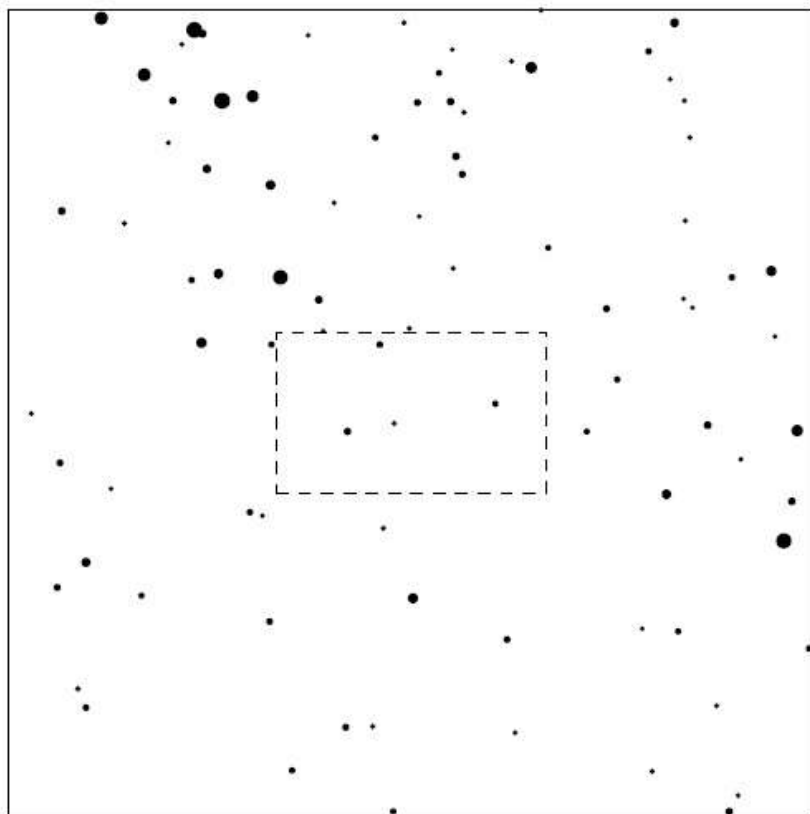
Star: Source cat. UCAC4
 $\alpha = 20^{\text{h}}23^{\text{m}}20.639^{\text{s}}$ $\delta = +8^{\circ}47'21.11''$
Vmag = 11.20 Bmag = 12.52

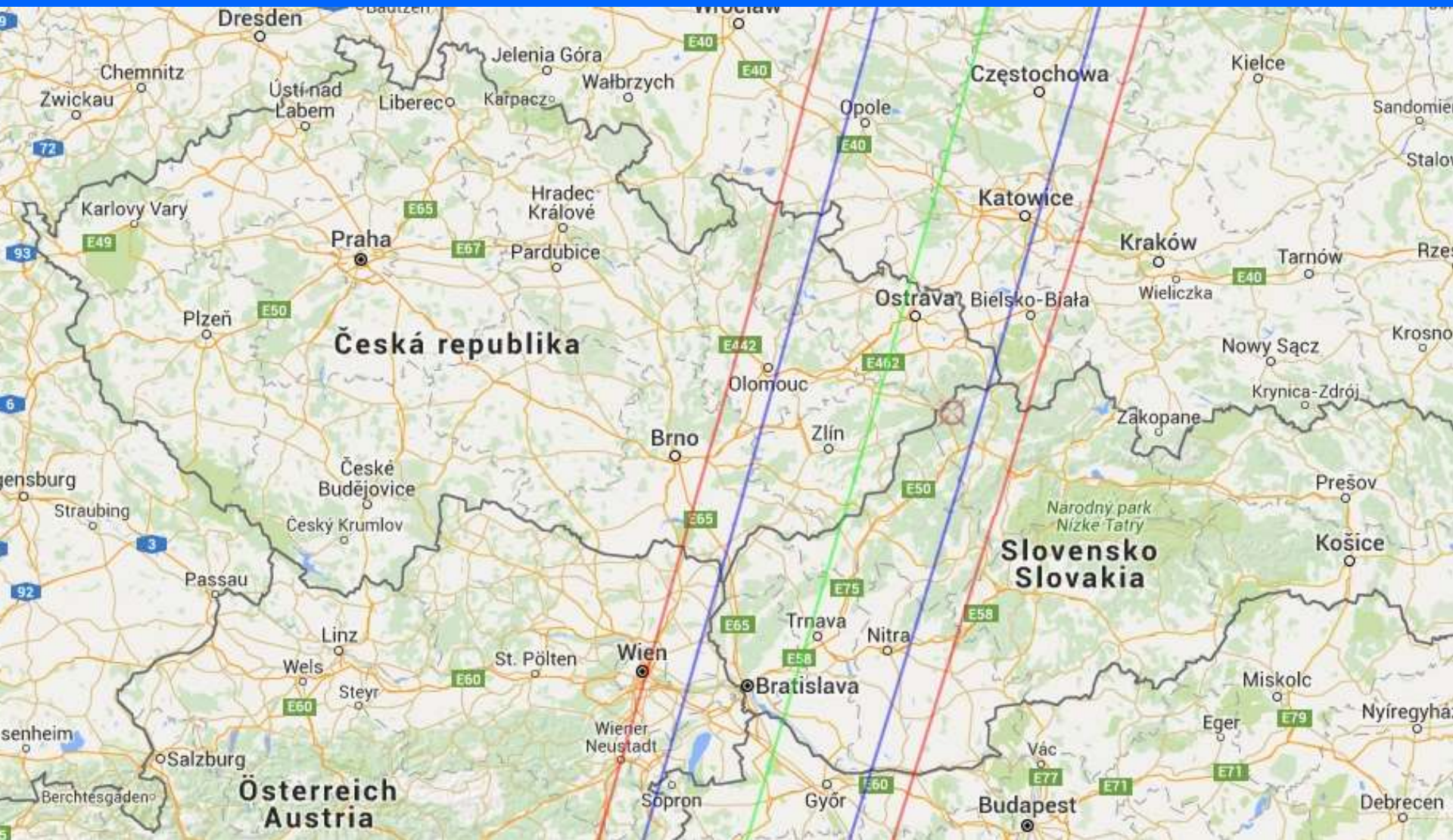
$\Delta m = 0.7$

Max. dur. = 4.2s

Sun : 102°

Moon : 30° , 77%





339 Dorothea & UCAC4-420-143590

2017 aug 3 2^h 1.3^m U.T.

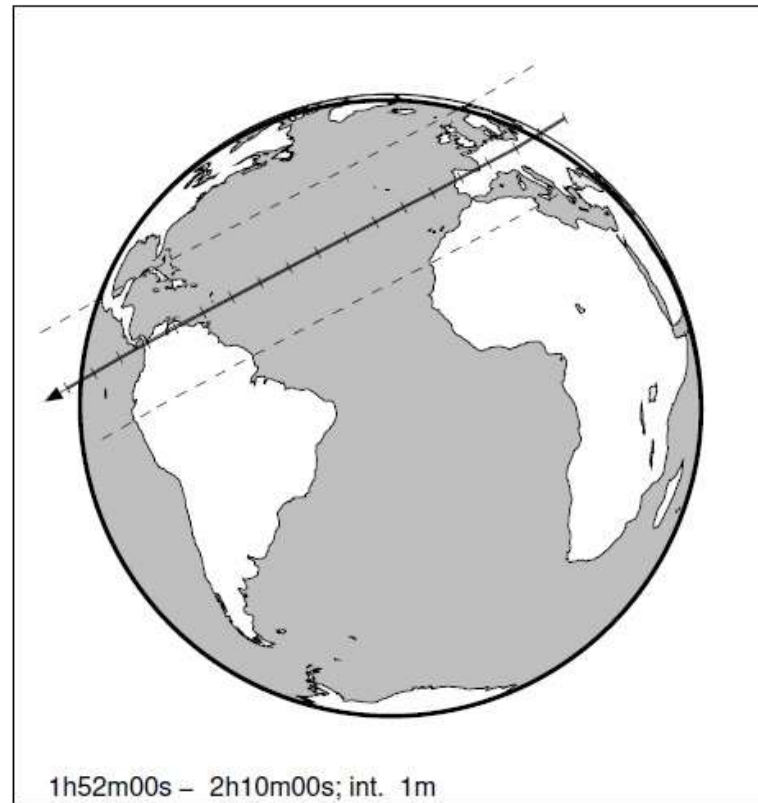
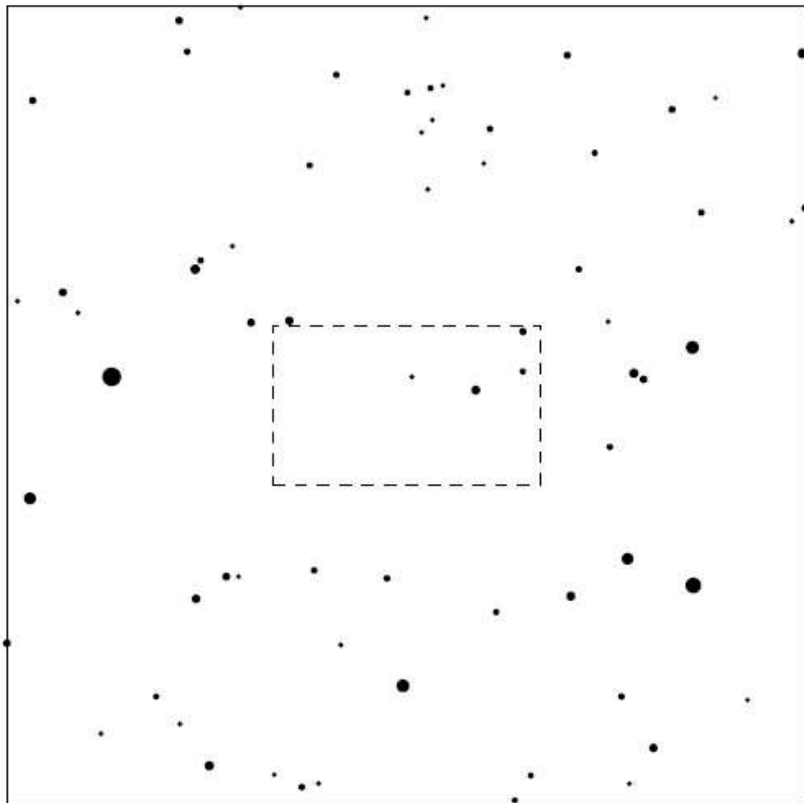
Zákryty hvězd planetkami
2017

Planet: a = 3.01, e = 0.10
V. mag. = 13.02 Diam. = 43.7 km = 0.03"
 μ = 30.65"/h π = 5.06" Ref. = EG2015

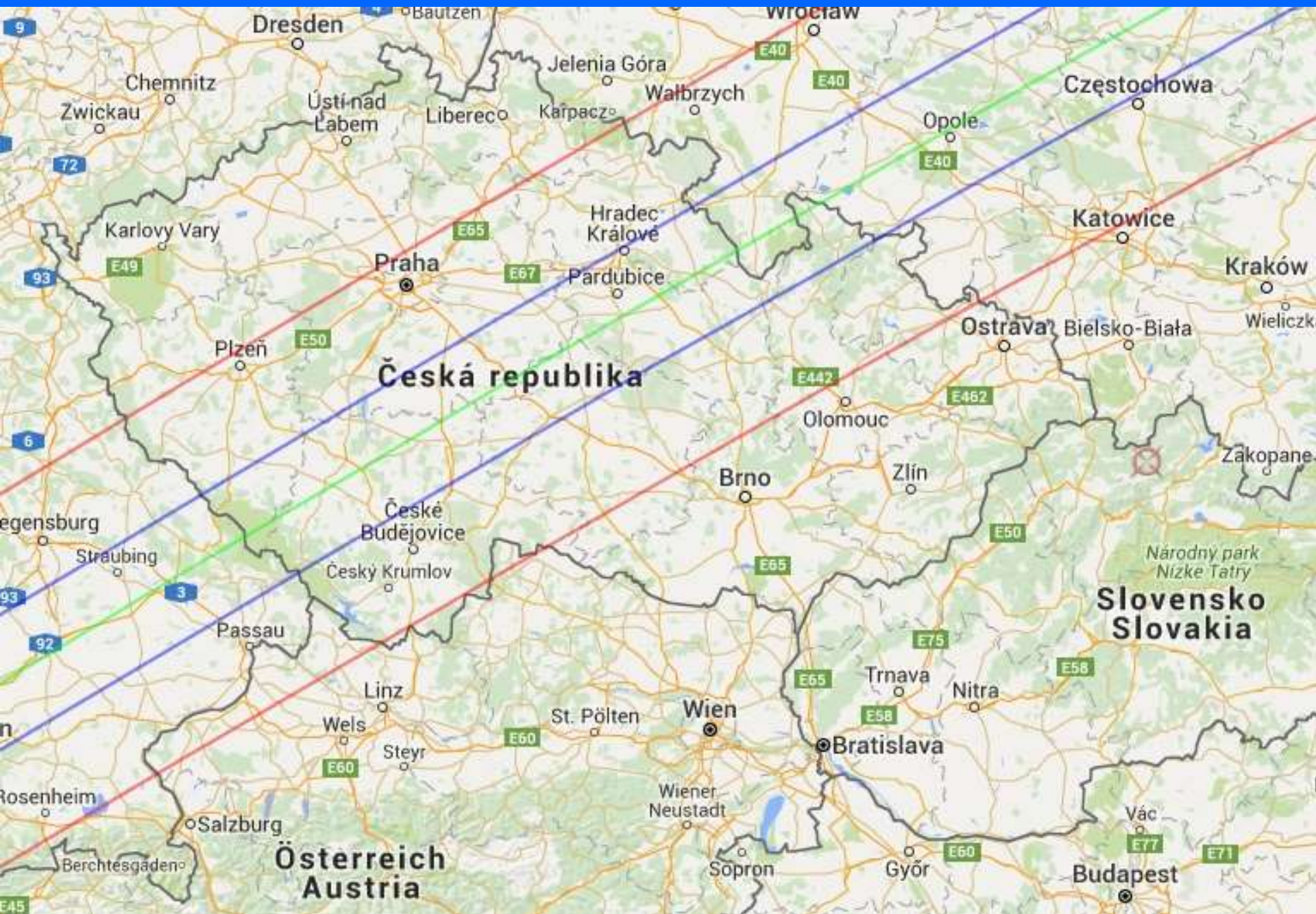
Star: Source cat. UCAC4
 α = 21^h09^m19.610^s δ = - 6°06'25.89"
Vmag = 12.07 Bmag = 12.69

Δm = 1.3 Max. dur. = 4.1s

Sun : 167° Moon : 59° , 81%



1h52m00s - 2h10m00s; int. 1m



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Steyr

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Sopron

Győr

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Walbrzych

Jelenia Góra

Wrocław

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256 Walpurga & UCAC4-427-103028

2017 aug 12 22^h19.0^m U.T.

Zákryty hvězd planetkami
2017

Planet: $a = 3.00$, $e = 0.07$
V. mag. = 14.34 Diam. = 66.1 km = 0.05"
 $\mu = 23.83''/h$ $\pi = 4.35''$ Ref. = EG2015

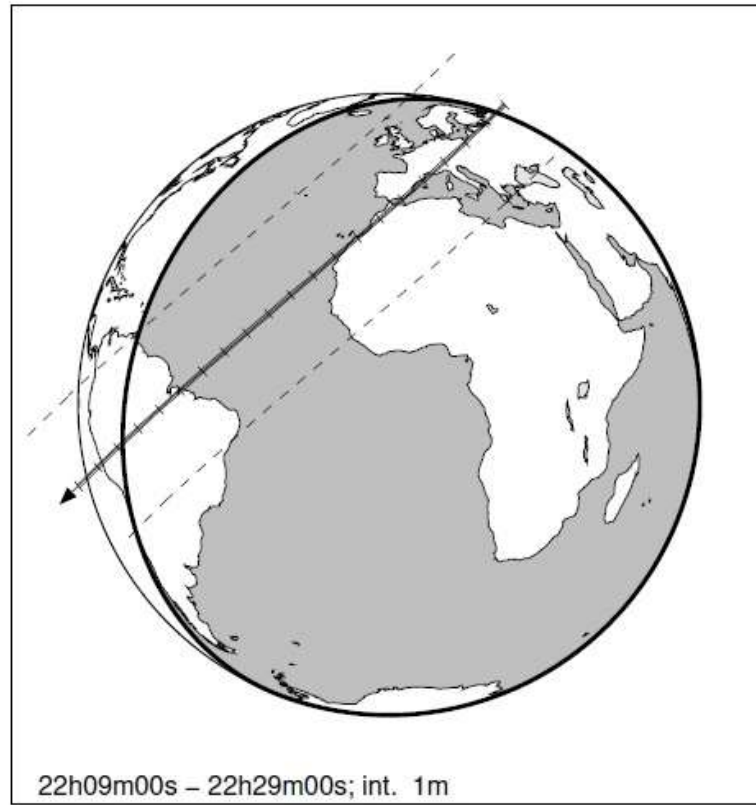
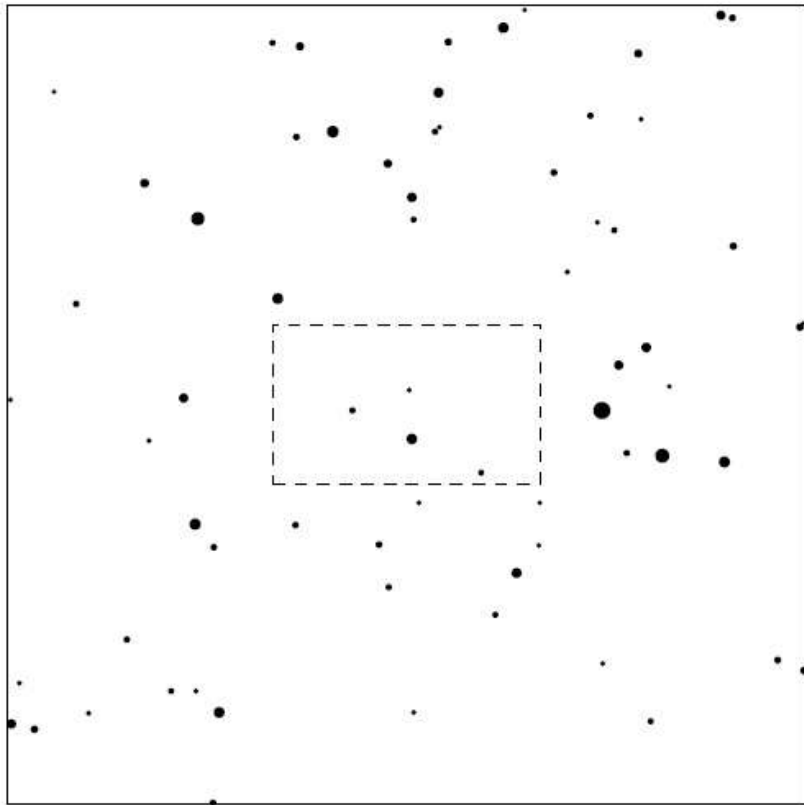
Star: Source cat. UCAC4
 $\alpha = 19^h20^m58.667^s$ $\delta = -4^\circ46'15.17''$
Vmag = 12.46 Bmag = 13.23

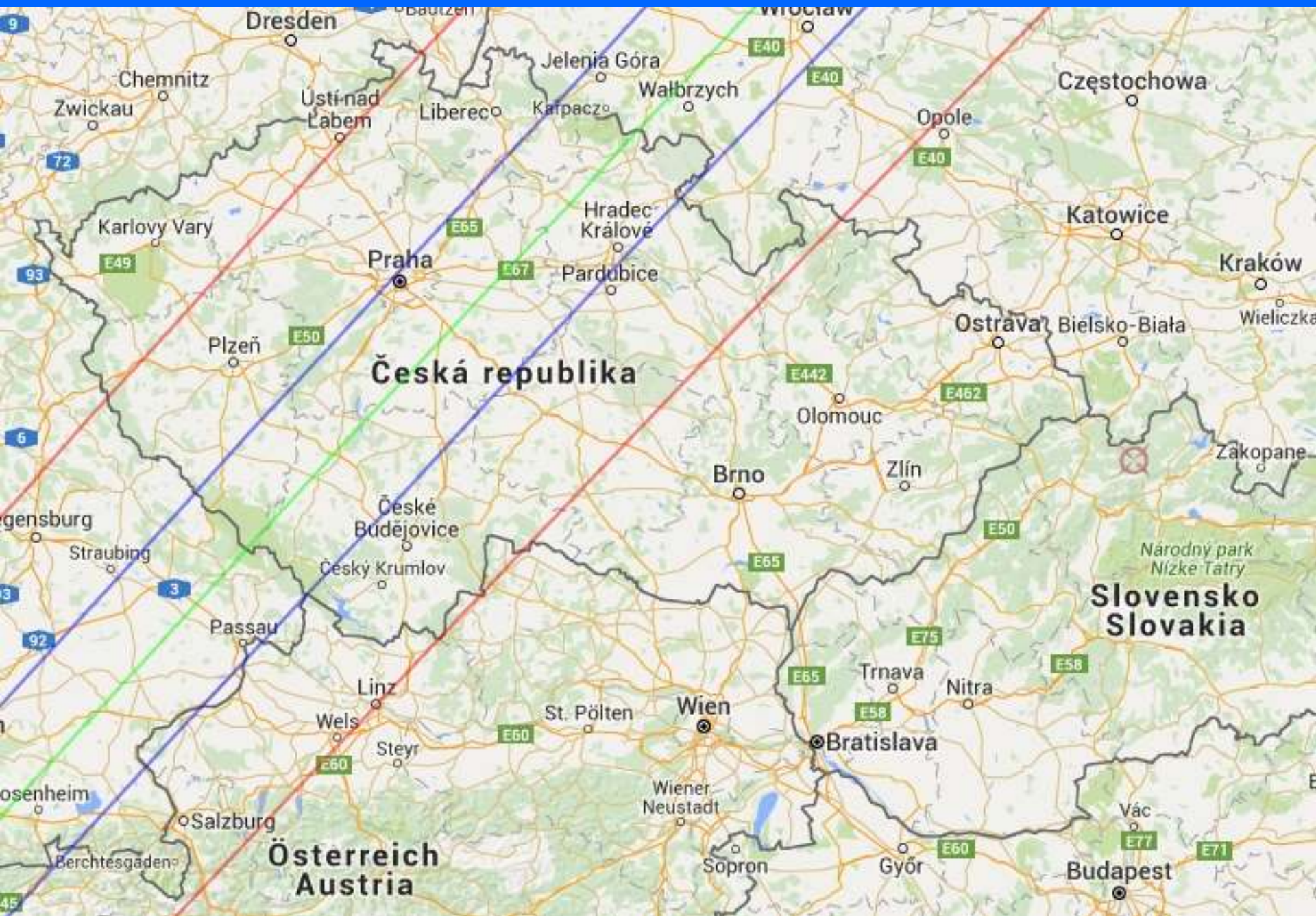
$\Delta m = 2.1$

Max. dur. = 6.8s

Sun : 146°

Moon : 93° , 73%





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Steyr

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Wiener
Neustadt

Sopron

Győr

Trnava

Nitra

E75

E65

E58

E60

E58

E77

E71

E65

E442

E462

E67

E55

E49

93

6

92

45

E40

E40

E40

E40

E40

E40

E40

E40

E40

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E40

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E40

E40

E40

E40

E40

E40

Národný park
Nízke Tatry

1072 Malva & UCAC4-588-021076

2017 sep 29 2^h 2.6^m U.T.

Zákryty hvězd planetkami

2017

Planet: $a = 3.16, e = 0.24$
V. mag. = 15.07 Diam. = 46.5 km = 0.03"
 $\mu = 36.08''/h$ $\pi = 4.34''$ Ref. = EG2015

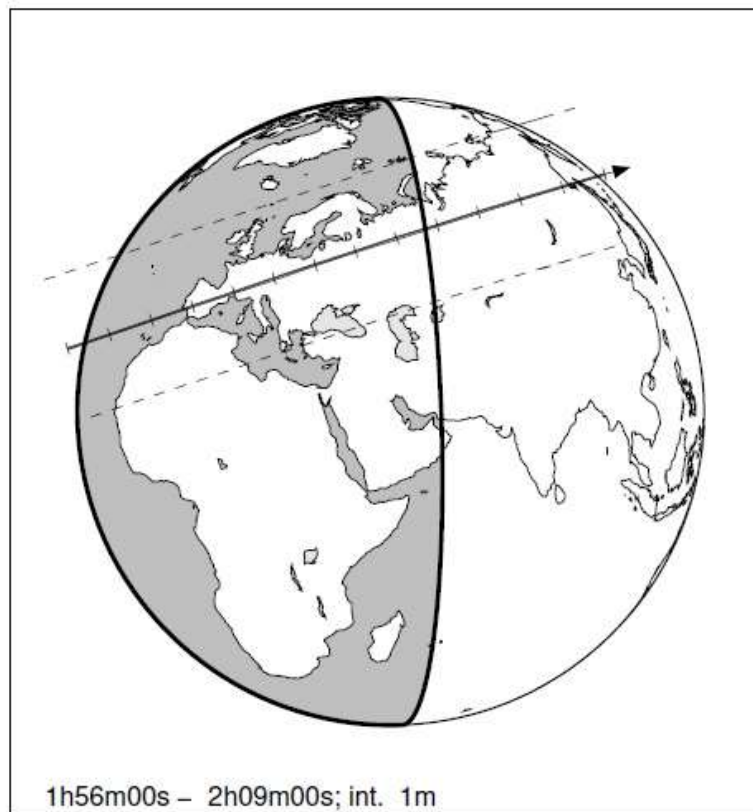
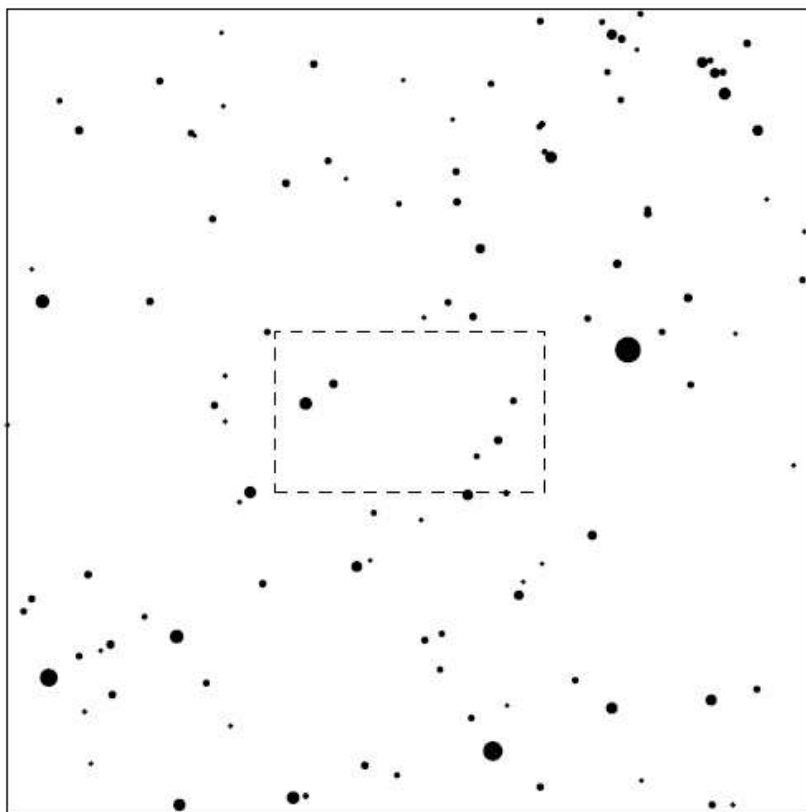
Star: Source cat. UCAC4
 $\alpha = 5^h 44^m 36.267^s$ $\delta = +27^\circ 27' 17.92''$
Vmag = 11.19 Bmag = 11.44

$\Delta m = 3.9$

Max. dur. = 3.2s

Sun : 99°

Moon : 159° , 59%





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Nízke Tatry

Dresden

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Labem

Liberec

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Karpacz

Opole

Karlovy Vary

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Passau

Linz

Wels

Steyr

St. Pölten

Rosenheim

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Wiener
Neustadt

Vac

1002 Olbersia & PPMX 4010786

2017 oct 8 3^h33.0^m U.T.

Zákryty hvězd planetkami

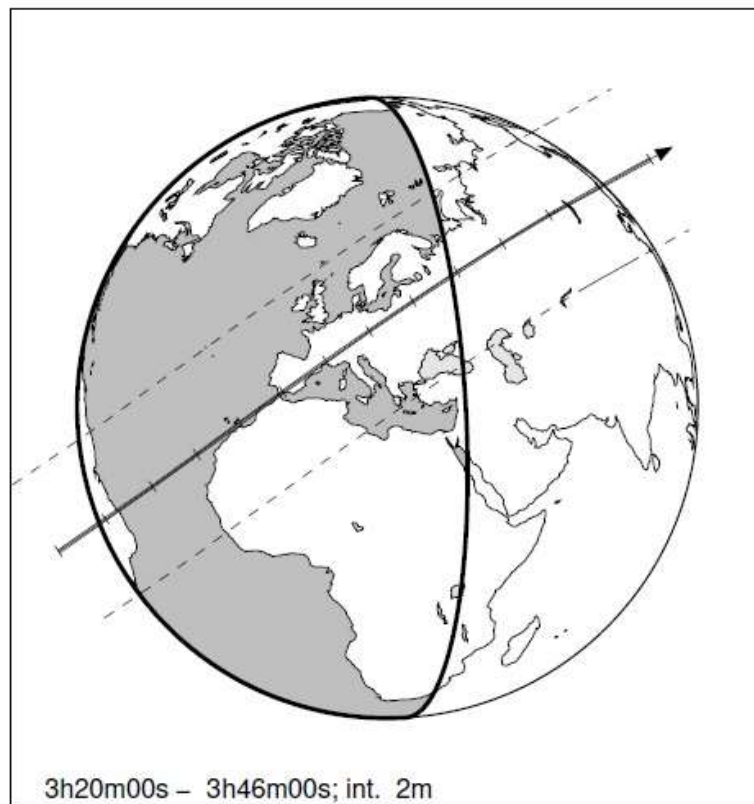
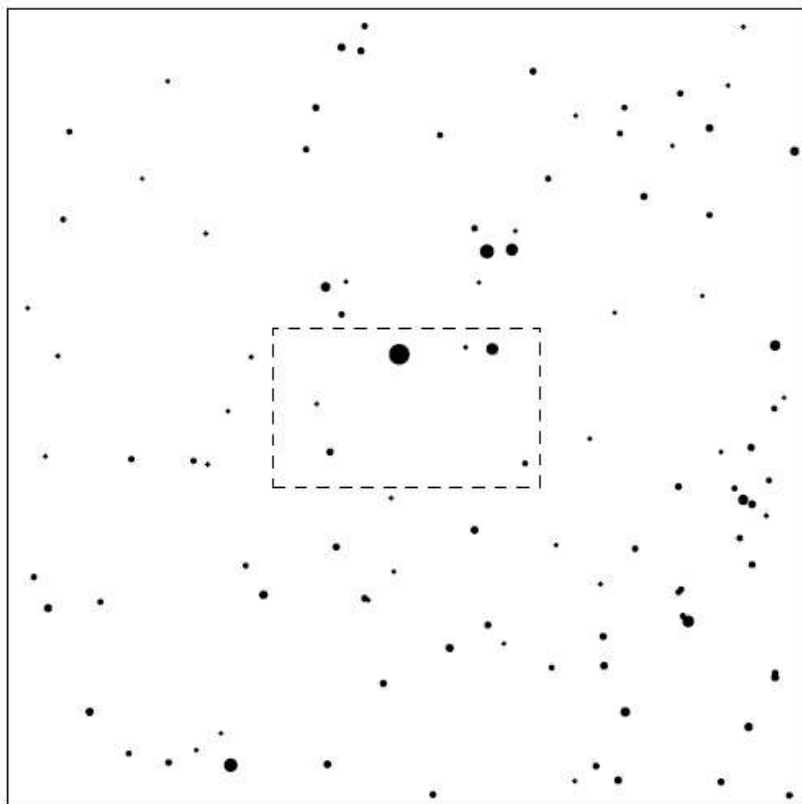
2017

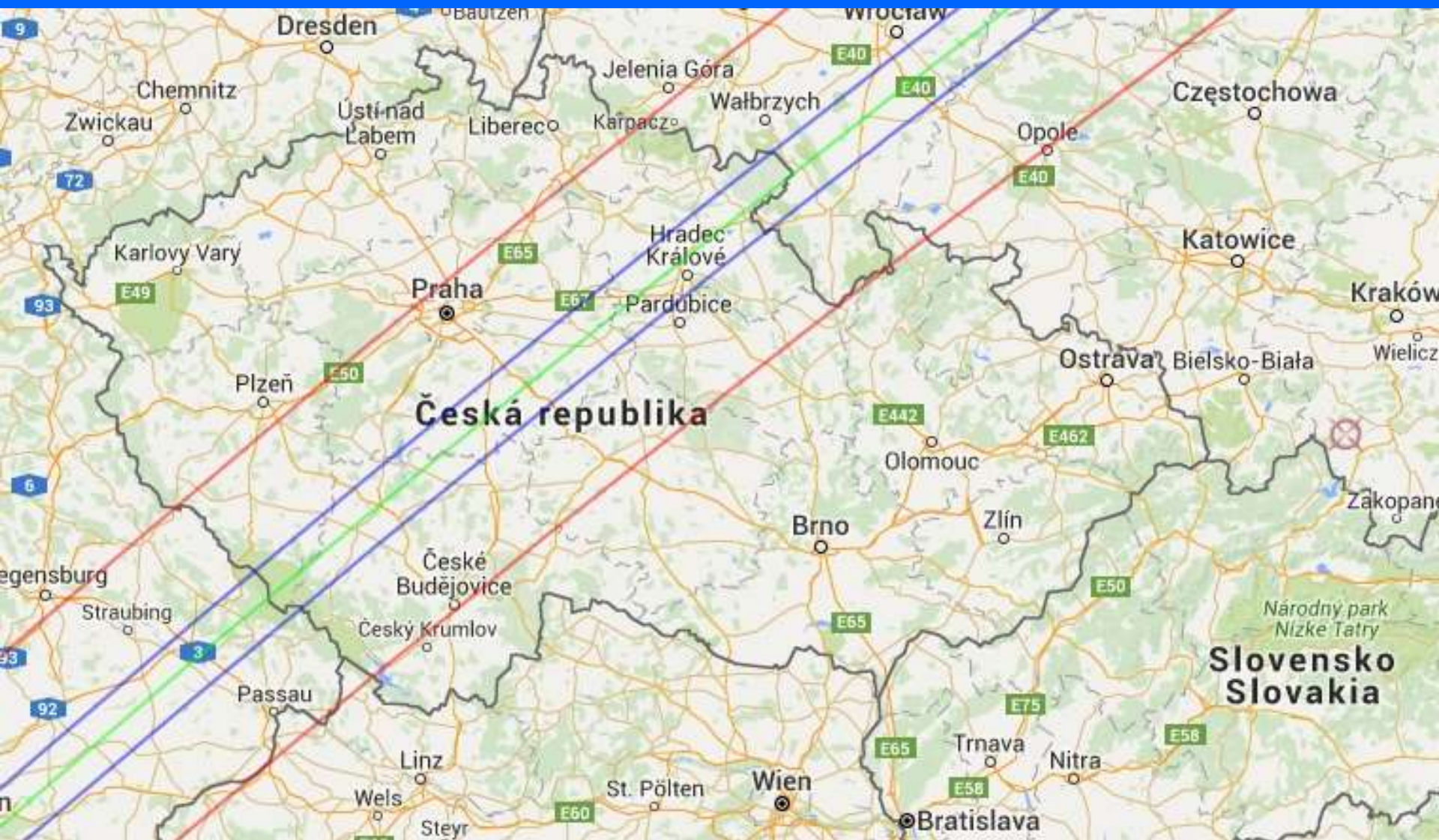
Planet: a = 2.79, e = 0.15
V. mag. = 16.09 Diam. = 57.1 km = 0.03"
 μ = 20.10"/h π = 3.85" Ref. = EG2015

Star: Source cat. PPMX
 α = 5^h59^m02.694^s δ = +36°12'48.37"
Vmag = 12.38 mag =

Δm = 3.7 Max. dur. = 6.2s

Sun : 104° Moon : 47° , 92%





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Český Krumlov

Národný park Nízke Tatry

Slovensko
Slovakia

Passau

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Wels

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Wien

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Nitra

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18 Melpomene & UCAC4-463-049117

2017 nov 19 5^h38.6^m U.T.

Zákryty hvězd planetkami
2017

Planet: $a = 2.30, e = 0.22$
V. mag. = 11.79 Diam. = 135.0 km = 0.06"
 $\mu = 49.15''/h$ $\pi = 2.99''$ Ref. = EG2015

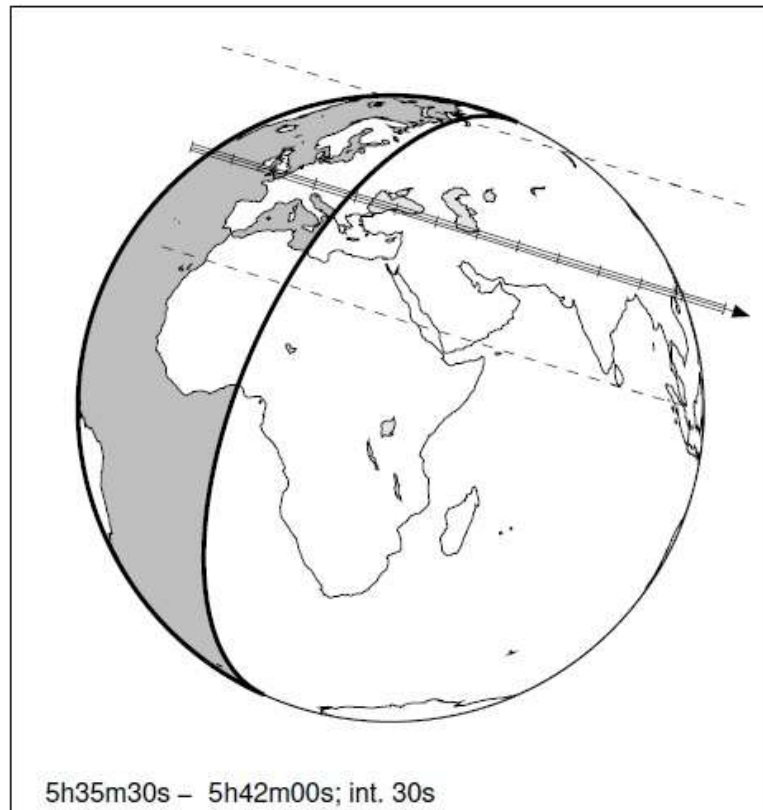
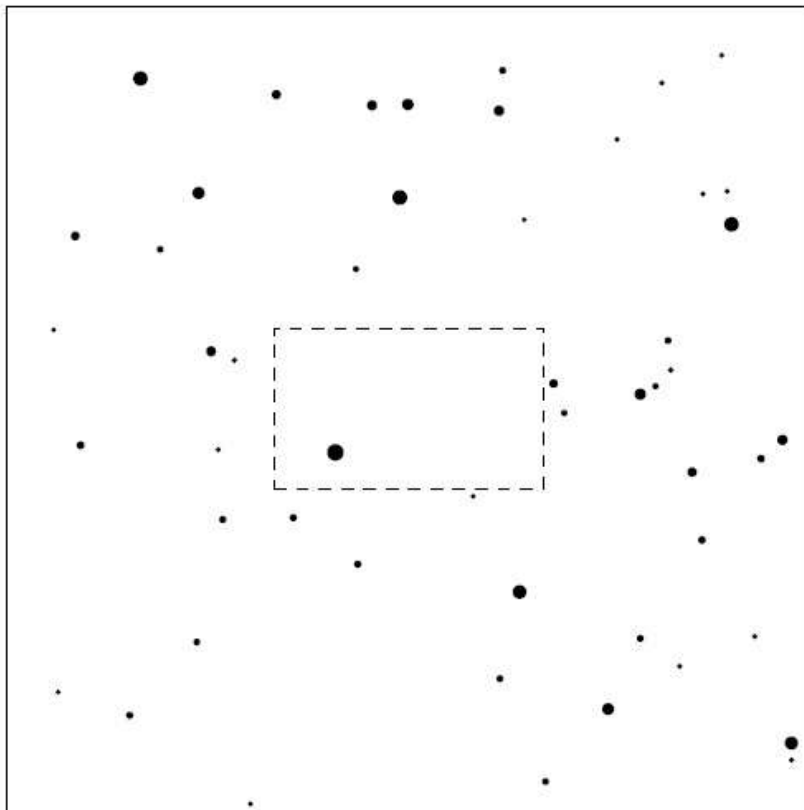
Star: Source cat. UCAC4
 $\alpha = 11^h45^m11.804^s$ $\delta = +2^\circ35'21.94''$
Vmag = 12.00 Bmag = 12.84

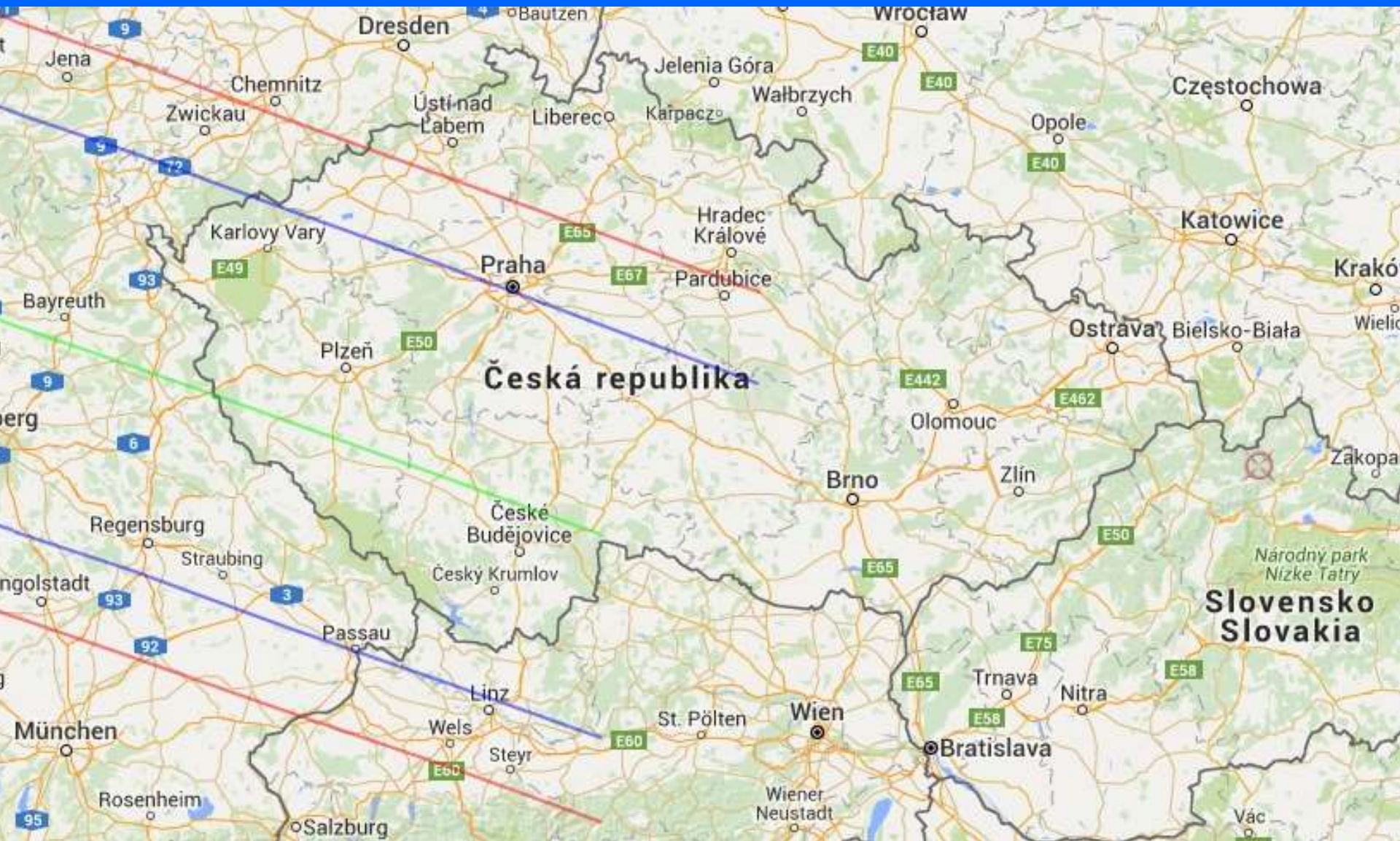
$\Delta m = 0.7$

Max. dur. = 4.6s

Sun : 61°

Moon : 70° , 1%





56 Melete & UCAC4-514-017886

2017 nov 25 0^h25.8^m U.T.

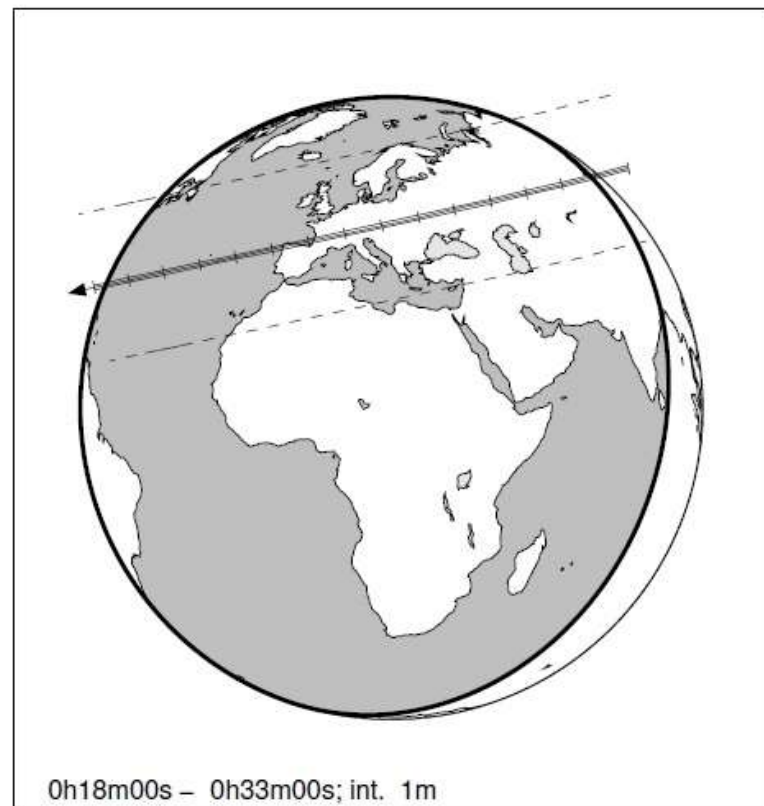
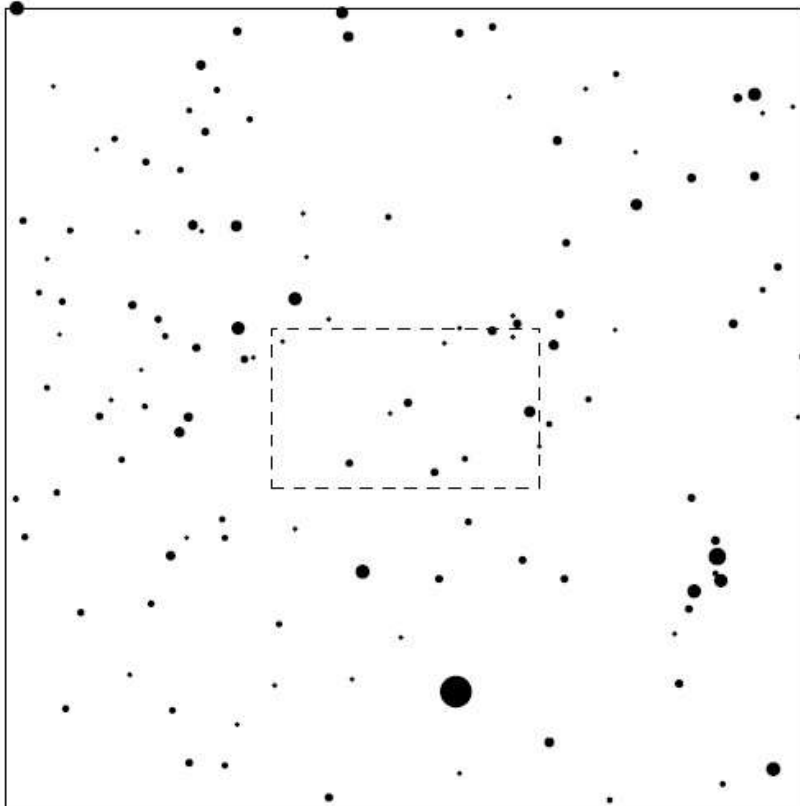
Zákryty hvězd planetkami
2017

Planet: a = 2.60, e = 0.23
V. mag. = 12.96 Diam. = 90.8 km = 0.06"
 μ = 29.17"/h π = 4.14" Ref. = EG2015

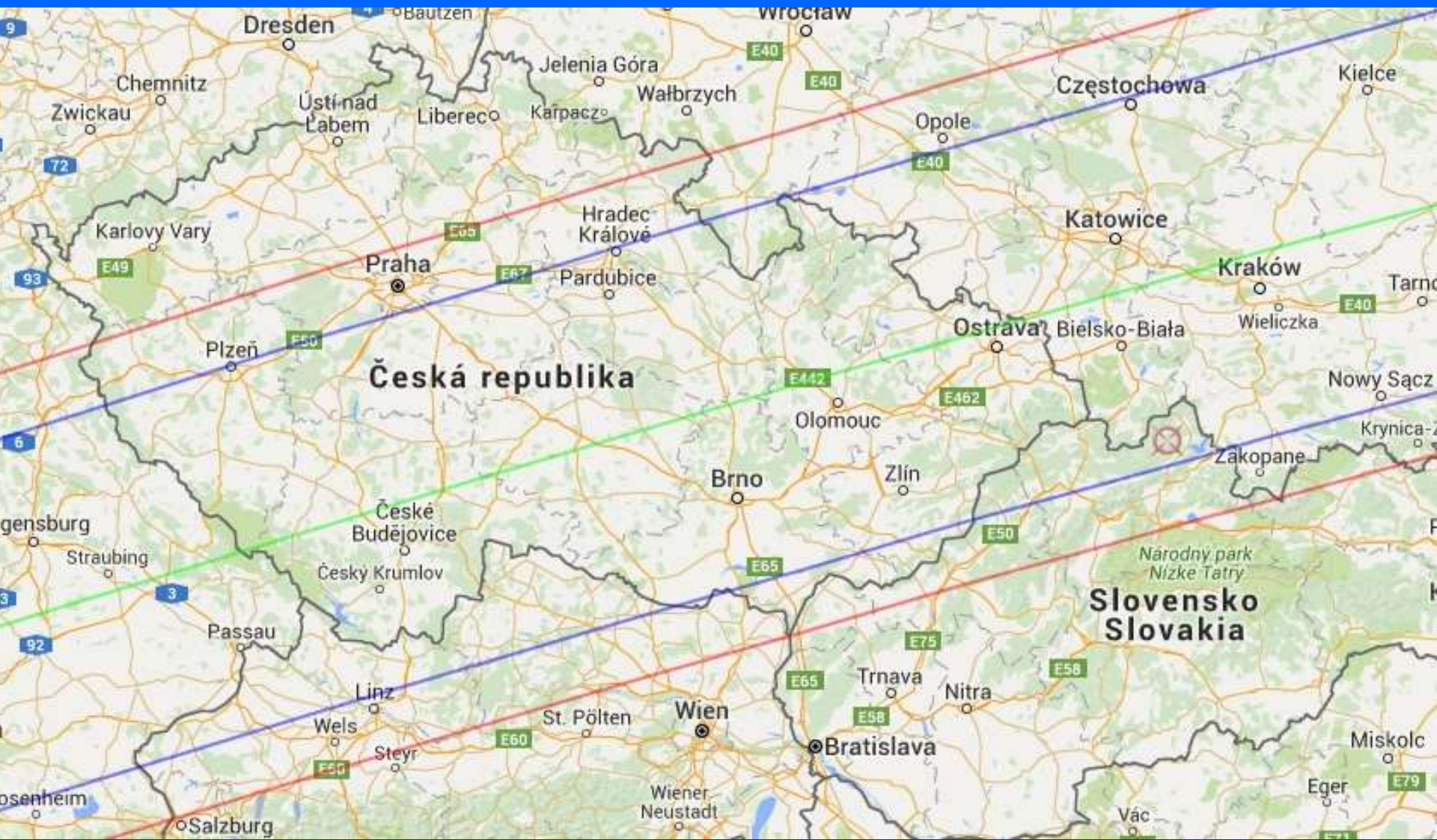
Star: Source cat. UCAC4
 α = 5^h59^m05.770^s δ = +12°42'57.25"
Vmag = 12.22 Bmag = 12.64

Δm = 1.2 Max. dur. = 7.3s

Sun : 151° Moon : 135° , 34%



0h18m00s – 0h33m00s; int. 1m



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Karlovy Vary

Praha

Pardubice

Kraków

93

E49

Plzeň

E50

Ostrava

Bielsko-Biala

Wieliczka

Česká republika

E442

E462

Nowy Sącz

Olomouc

Brno

Zlín

Zakopane

Regensburg

České Budějovice

Národní park Nizke Tatry

Slovensko Slovakia

Straubing

Český Krumlov

Passau

E65

E50

3

3

Linz

St. Pölten

Wien

Trnava

Nitra

E58

E65

E58

Bratislava

Miskolc

Landshut

Salzburg

Wiener Neustadt

Vác

Eger

E79

484 Pittsburghia & UCAC4-460-005445

2017 nov 30 2^h16.4^m U.T.

Zákryty hvězd planetkami

2017

Planet: $a = 2.67$, $e = 0.06$
V. mag. = 13.76 Diam. = 44.5 km = 0.04"
 $\mu = 33.91''/h$ $\pi = 5.04''$ Ref. = EG2015

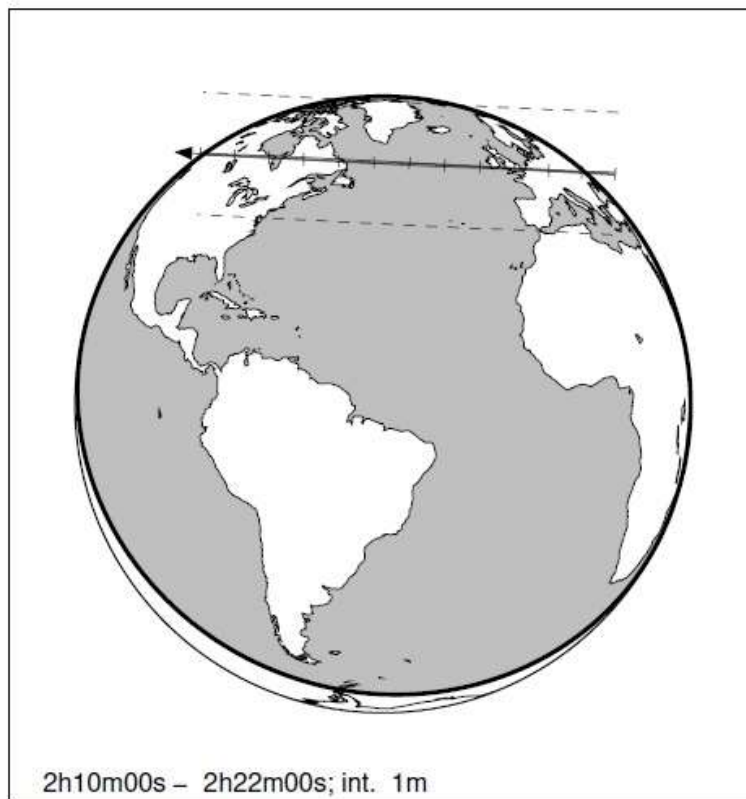
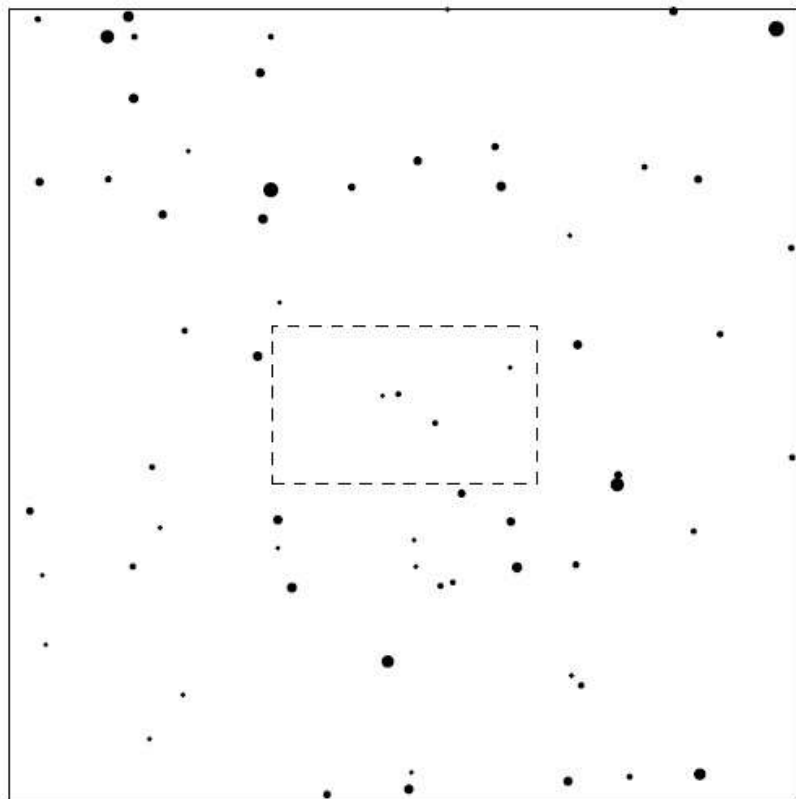
Star: Source cat. UCAC4
 $\alpha = 3^h53^m01.019^s$ $\delta = +1^\circ55'06.10''$
Vmag = 12.09 Bmag = 13.23

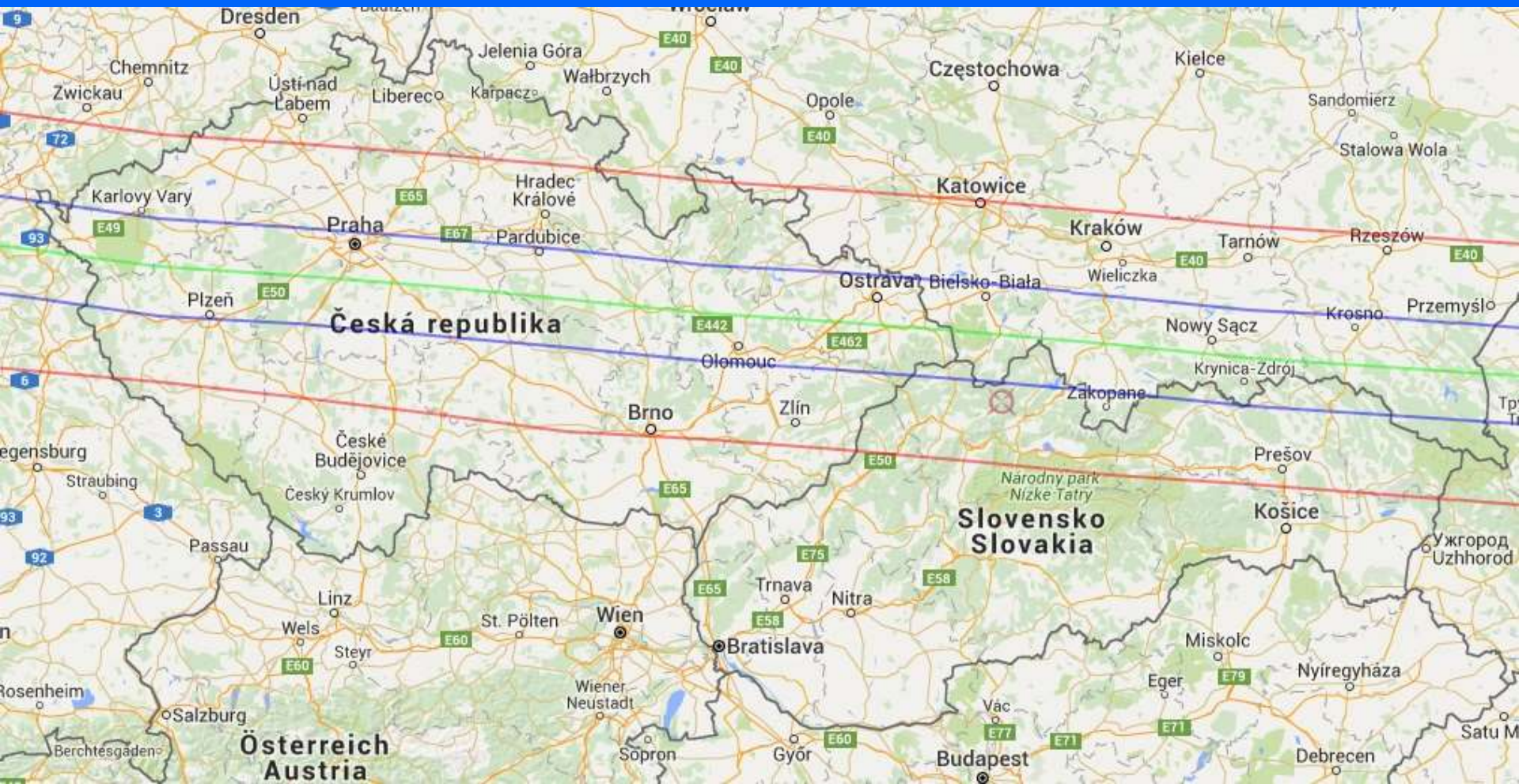
$\Delta m = 1.9$

Max. dur. = 3.7s

Sun : 158°

Moon : 39° , 83%





211 Isolda & UCAC4-559-007720

2017 dec 11 22^h44.9^m U.T.

Zákryty hvězd planetkami

2017

Planet: $a = 3.04$, $e = 0.16$
V. mag. = 11.54 Diam. = 148.0 km = 0.13"
 $\mu = 26.66''/h$ $\pi = 5.46''$ Ref. = EG2015

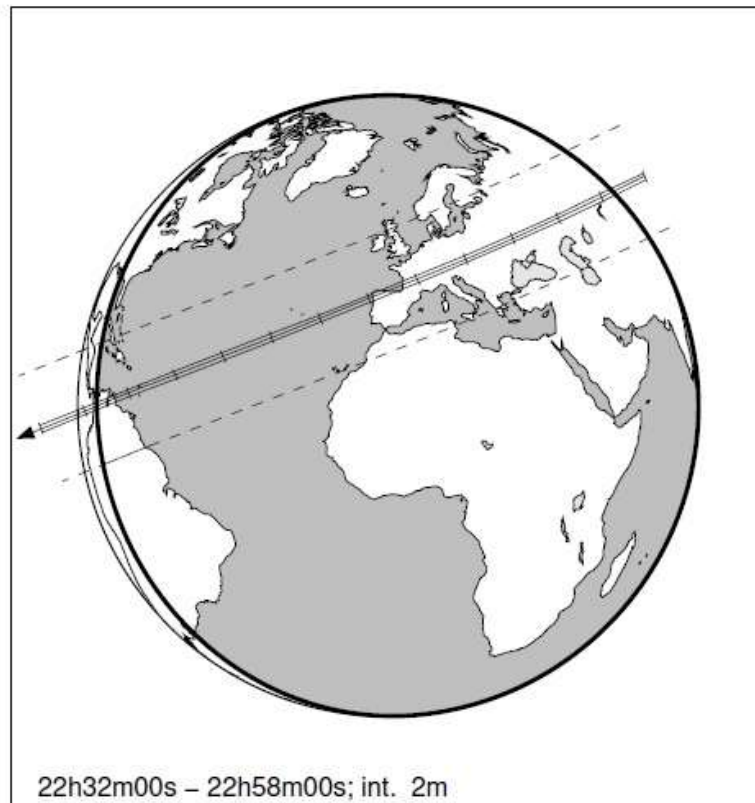
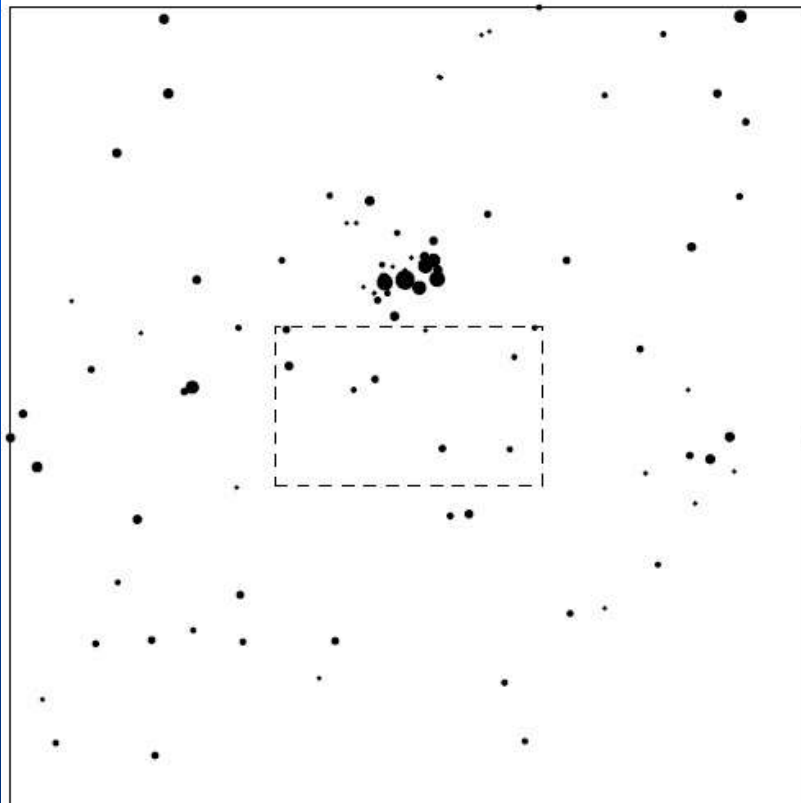
Star: Source cat. UCAC4
 $\alpha = 3^h47^m11.468^s$ $\delta = +21^\circ44'09.94''$
Vmag = 11.76 Bmag = 13.36

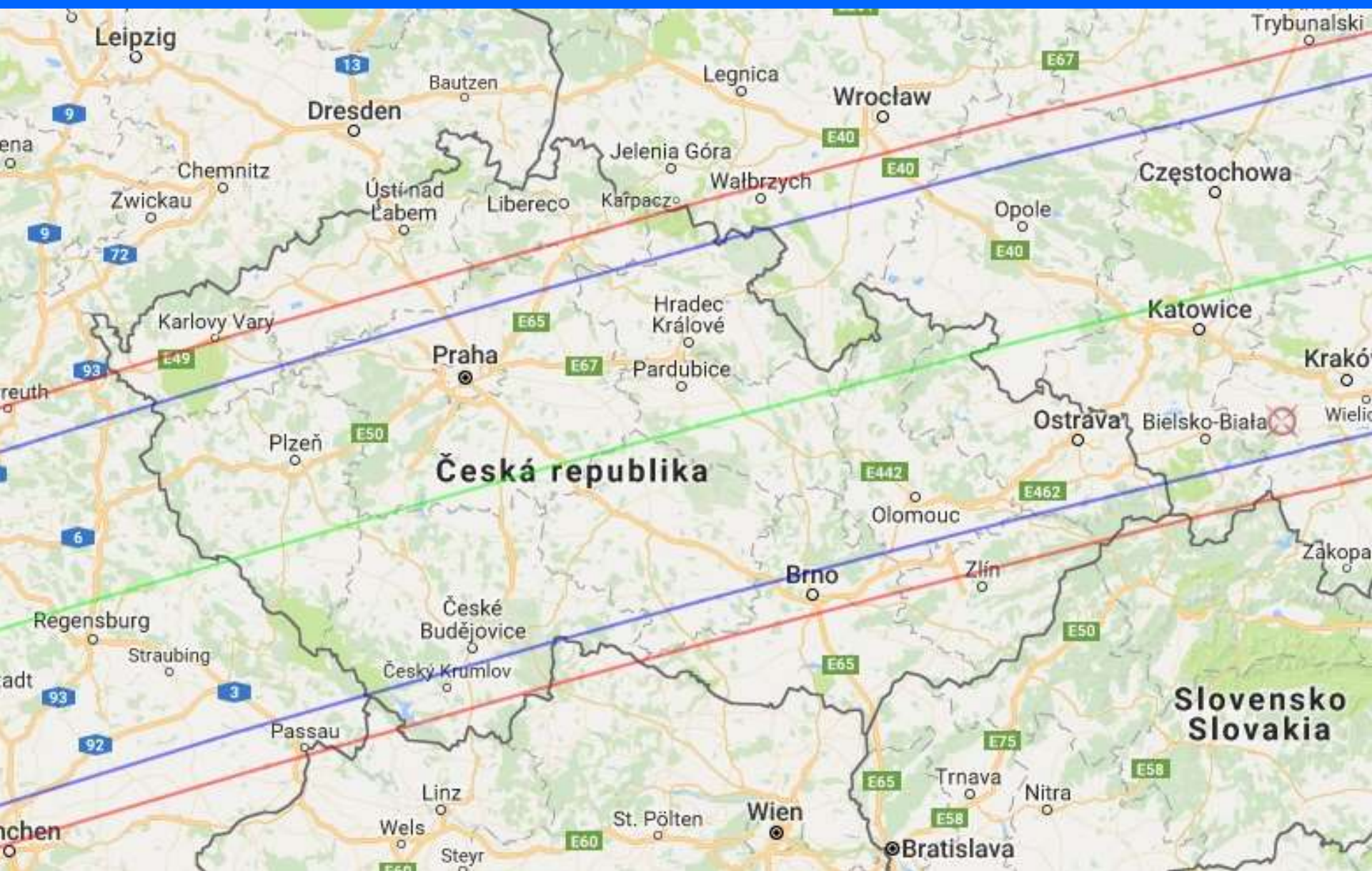
$\Delta m = 0.7$

Max. dur. = 17.1s

Sun : 159°

Moon : 130° , 33%





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Karpacz

ena

reuth

adt

nchen

Steyr

856 Backlunda & UCAC4-501-025361

2017 dec 16 21^h50.3^m U.T.

Zákryty hvězd planetkami
2017

Planet: $a = 2.44$, $e = 0.12$
V. mag. = 14.11 Diam. = 52.0 km = 0.05"
 $\mu = 38.30''/h$ $\pi = 5.73''$ Ref. = EG2015

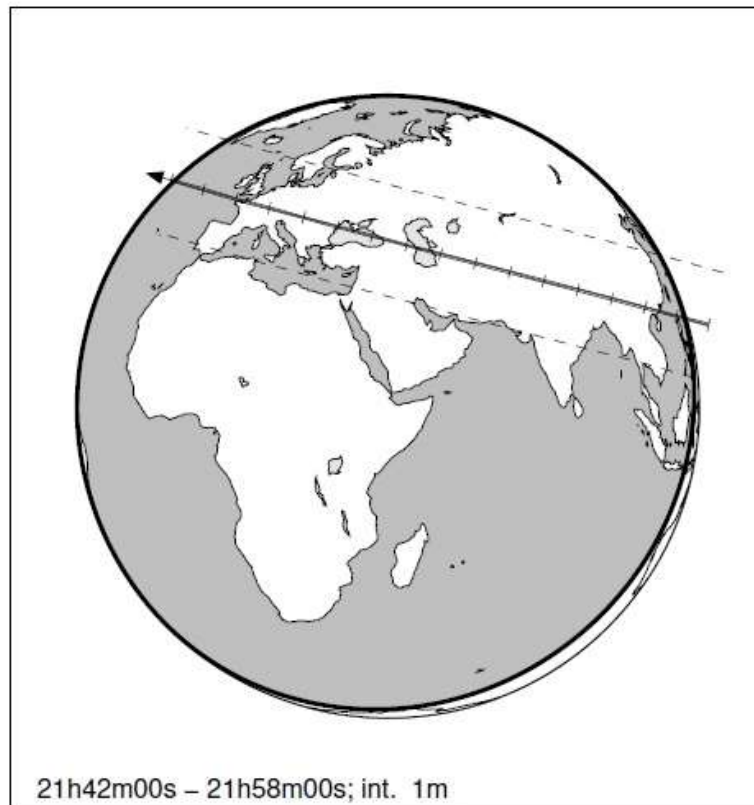
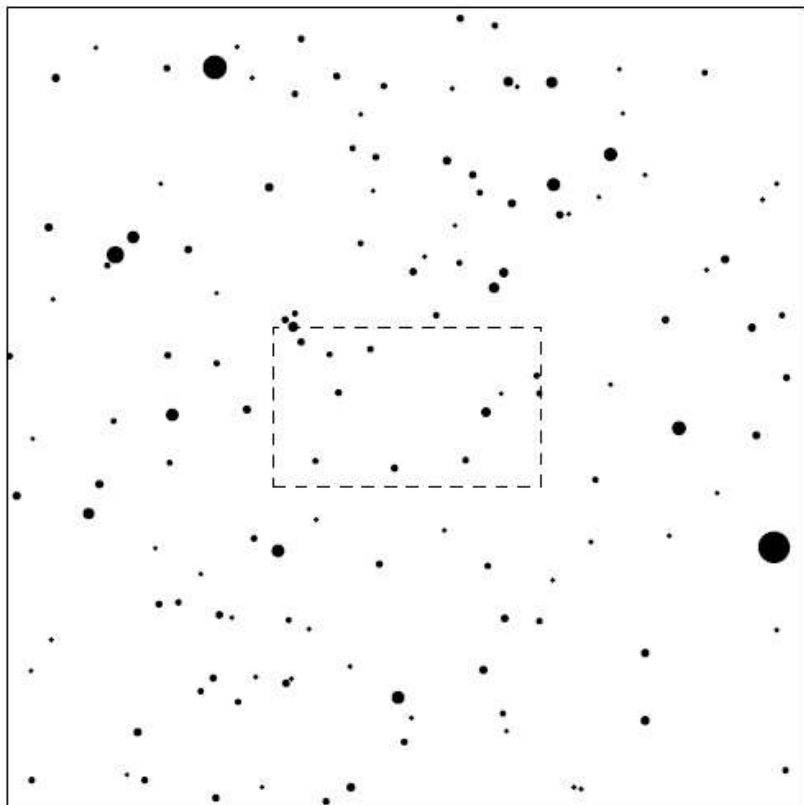
Star: Source cat. UCAC4
 $\alpha = 6^h23^m06.454^s$ $\delta = +10^\circ02'22.42''$
Vmag = 11.88 Bmag = 12.27

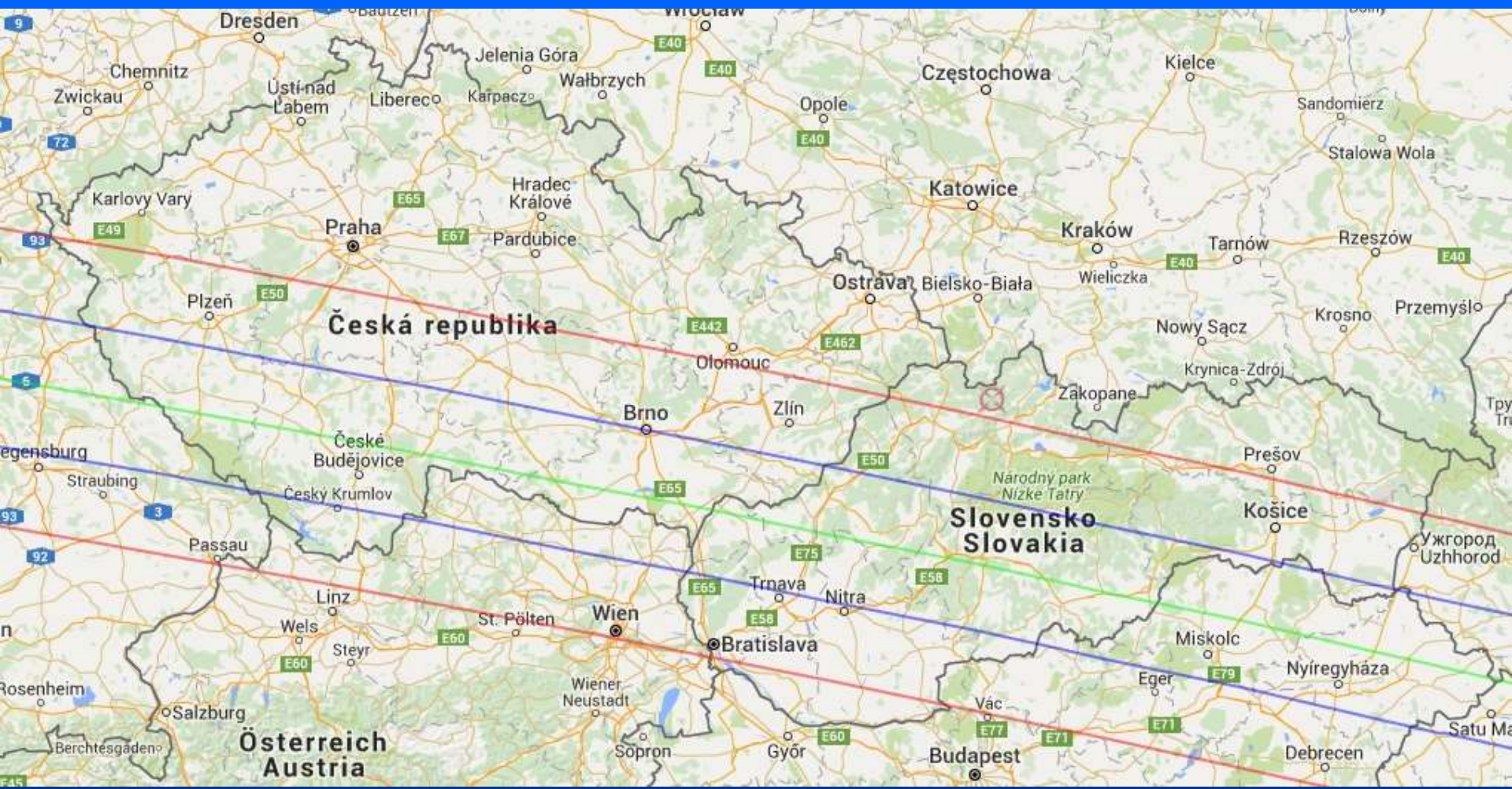
$\Delta m = 2.4$

Max. dur. = 4.4s

Sun : 162°

Moon : 153° , 2%





1113 Katja & UCAC4-657-036472

2017 dec 17 0^h27.9^m U.T.

Zákryty hvězd planetkami

2017

Planet: $a = 3.11$, $e = 0.15$
V. mag. = 13.20 Diam. = 44.7 km = 0.04"
 $\mu = 32.29''/h$ $\pi = 5.13''$ Ref. = EG2015

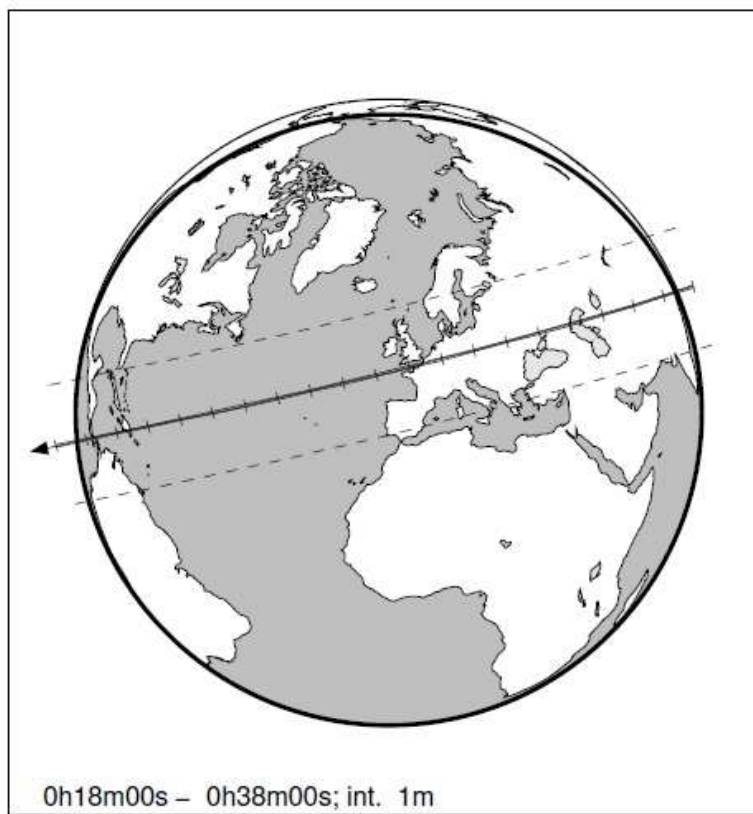
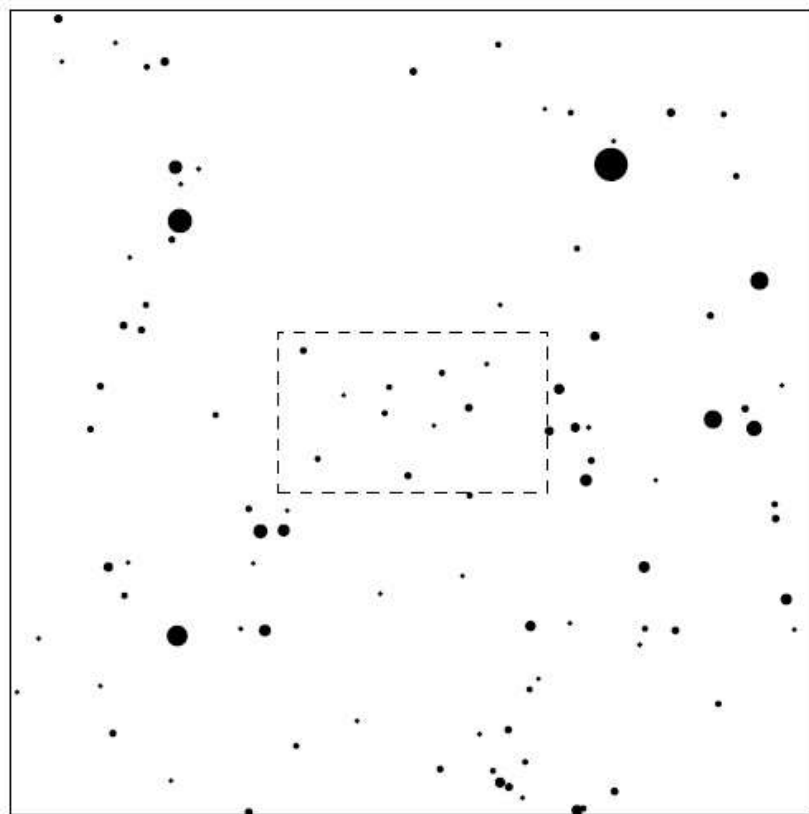
Star: Source cat. UCAC4
 $\alpha = 5^h36^m23.858^s$ $\delta = +41^\circ22'23.23''$
Vmag = 11.32 Bmag = 12.49

$\Delta m = 2.1$

Max. dur. = 4.0s

Sun : 161°

Moon : 154° , 2%





Dresden

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Liberec

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Karpacz

Walbrzych

Opole

72

93

6

92

3

E40

E40

E40

E65

E67

E49

E50

E442

E462

E65

E50

E75

E65

E58

E58

E60

E60

E60

1269 Rollandia & UCAC4-543-009550

2017 dec 18 2^h34.2^m U.T.

Zákryty hvězd planetkami

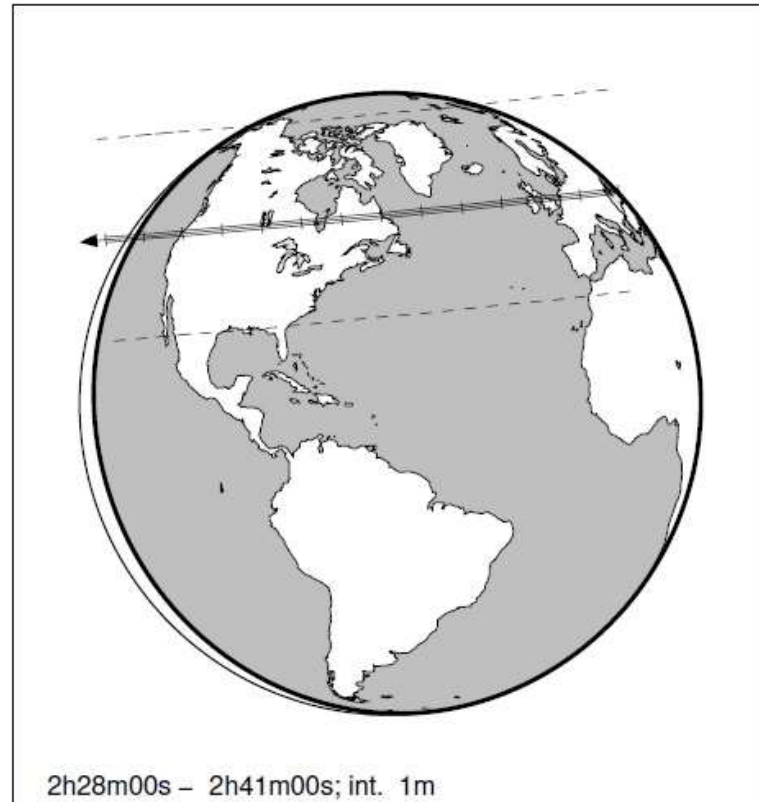
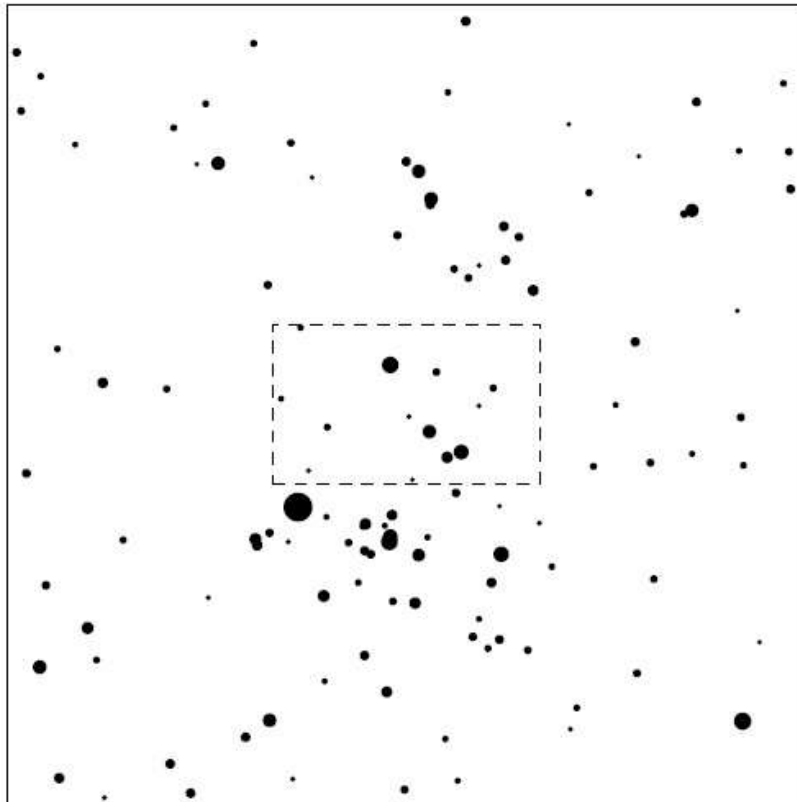
2017

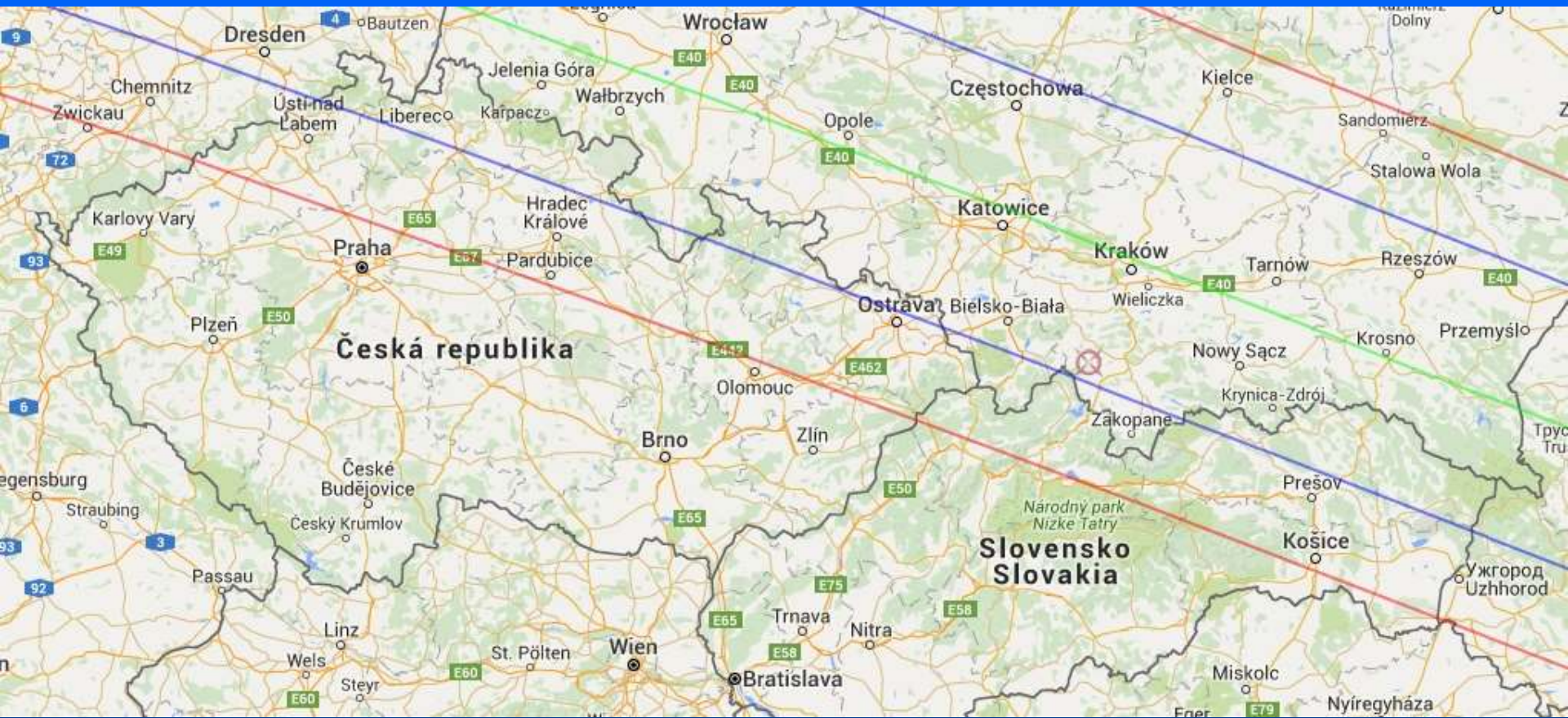
Planet: $a = 3.90, e = 0.10$
V. mag. = 14.41 Diam. = 109.0 km = 0.05"
 $\mu = 23.52''/h$ $\pi = 3.07''$ Ref. = EG2015

Star: Source cat. UCAC4
 $\alpha = 4^{\text{h}}27^{\text{m}}19.468^{\text{s}}$ $\delta = +18^{\circ}26'51.22''$
Vmag = 12.50 Bmag = 13.31

$\Delta m = 2.1$ Max. dur. = 8.0s

Sun : 161° Moon : 164°, 0%





141 Lumen & PPMX 3036448

2017 dec 25 18^h54.1^m U.T.

Zákryty hvězd planetkami

2017

Planet: $a = 2.67, e = 0.21$
V. mag. = 11.39 Diam. = 135.0 km = 0.13"
 $\mu = 36.62''/h$ $\pi = 6.19''$ Ref. = EG2015

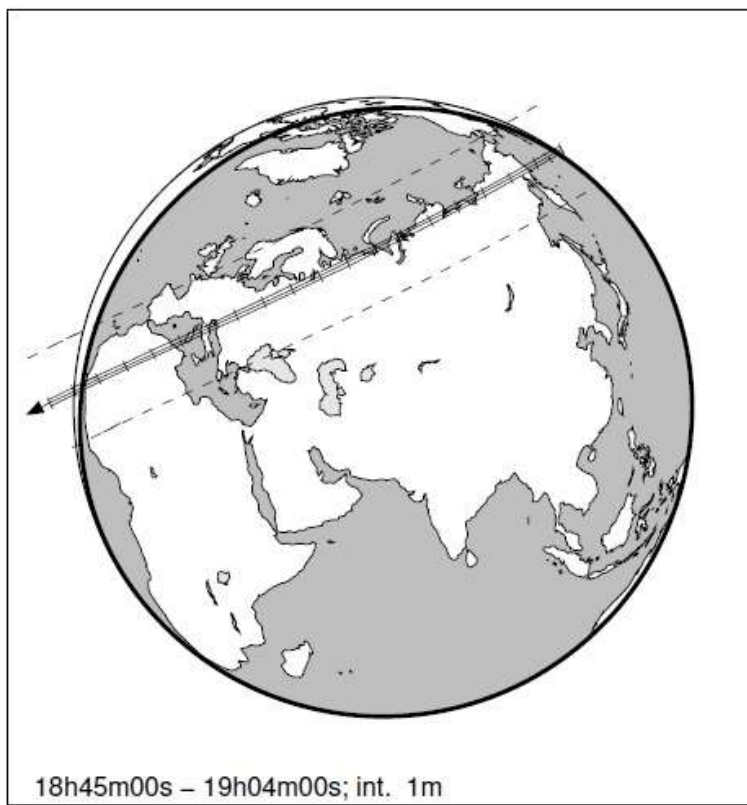
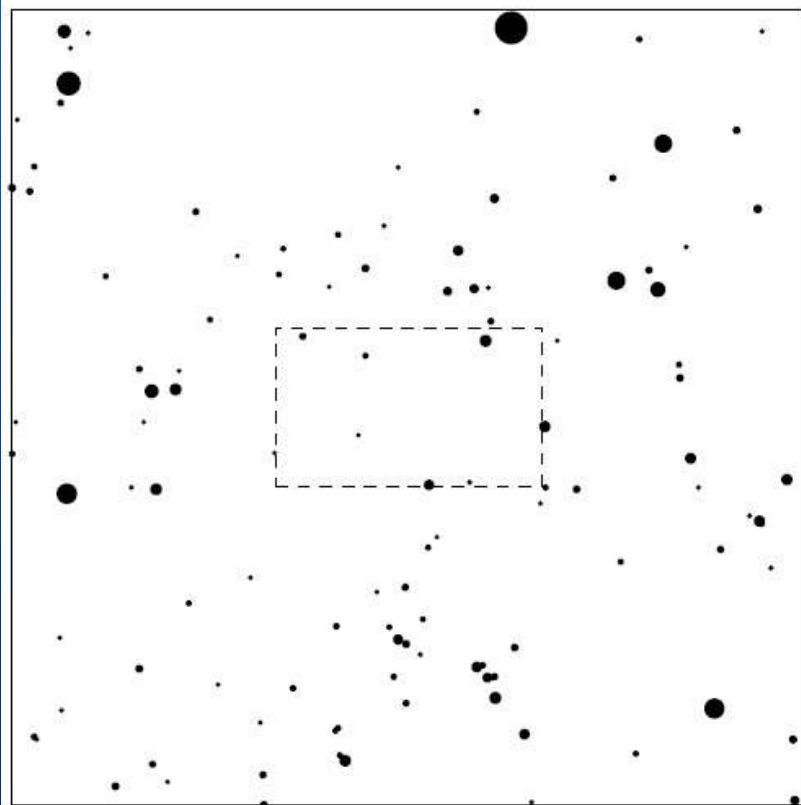
Star: Source cat. PPMX
 $\alpha = 5^h26^m35.441^s$ $\delta = +38^\circ51'04.97''$
Vmag = 12.34 mag =

$\Delta m = 0.4$

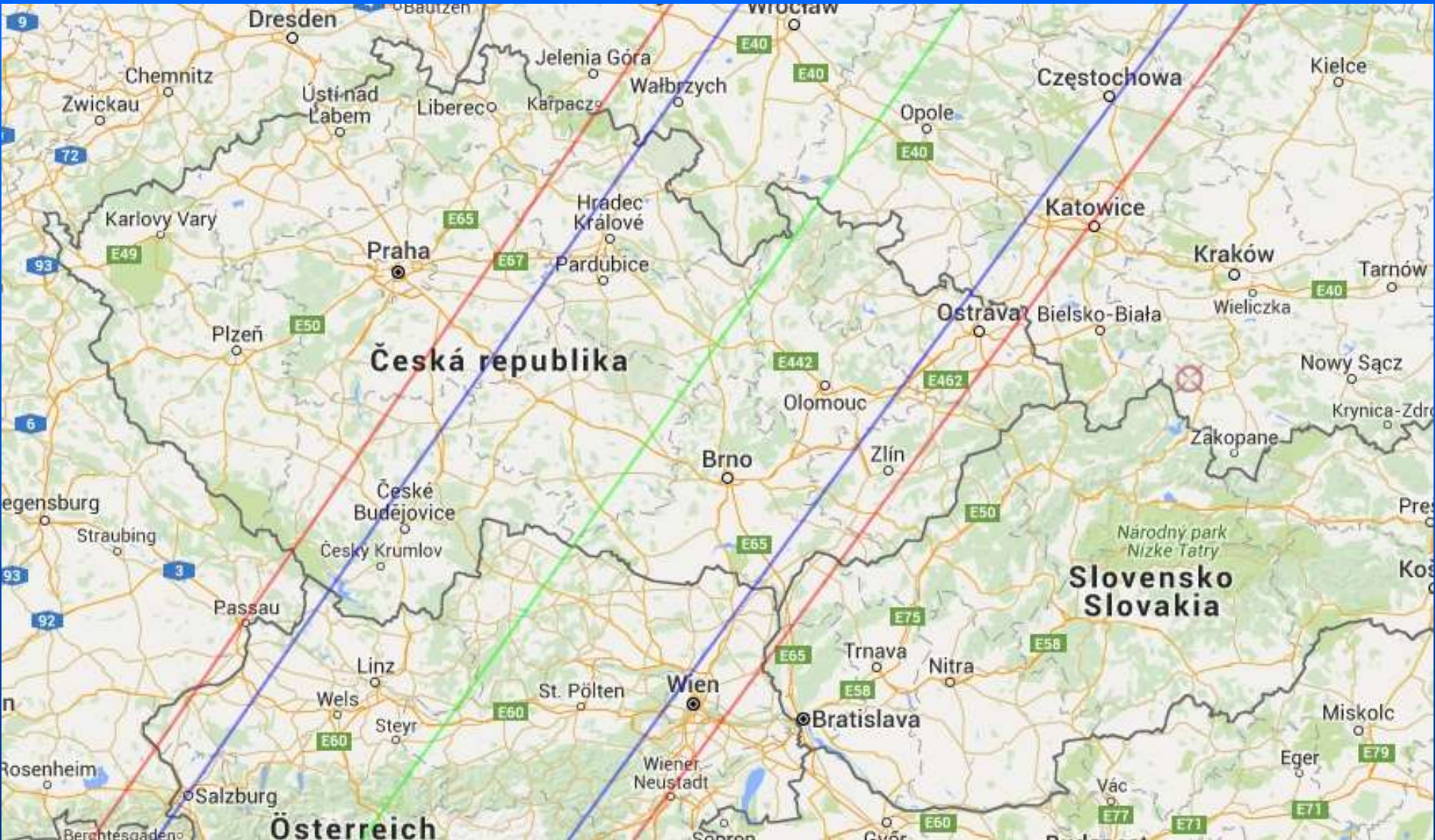
Max. dur. = 12.9s

Sun : 161°

Moon : 88° , 44%



18h45m00s – 19h04m00s; int. 1m



326 Tamara & PPMX 2081826

2017 dec 28 22^h23.4^m U.T.

Zákryty hvězd planetkami 2017

Planet: a = 2.32, e = 0.19
V. mag. = 13.68 Diam. = 100.0 km = 0.07"
 μ = 32.05"/h π = 4.63" Ref. = EG2015

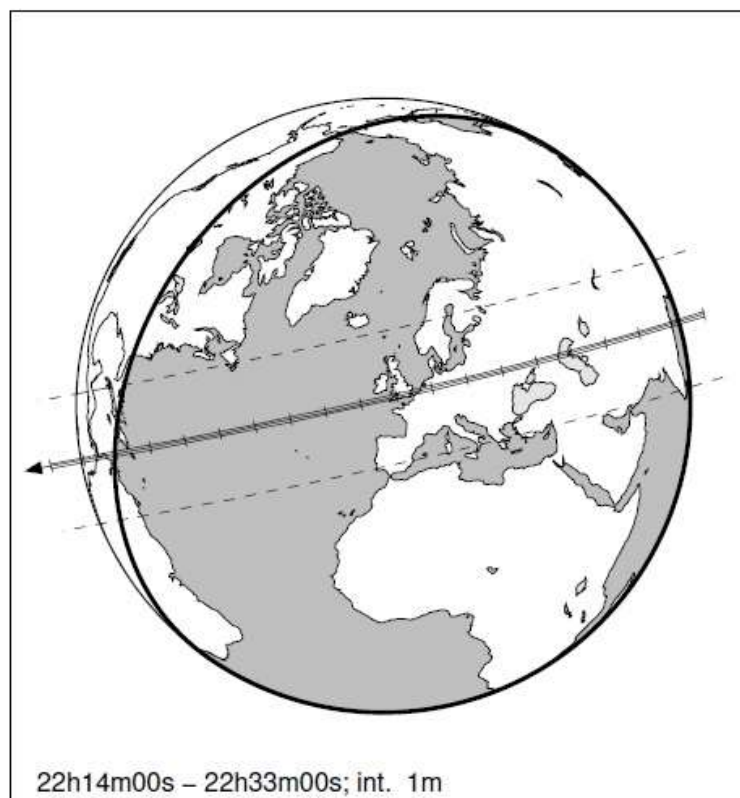
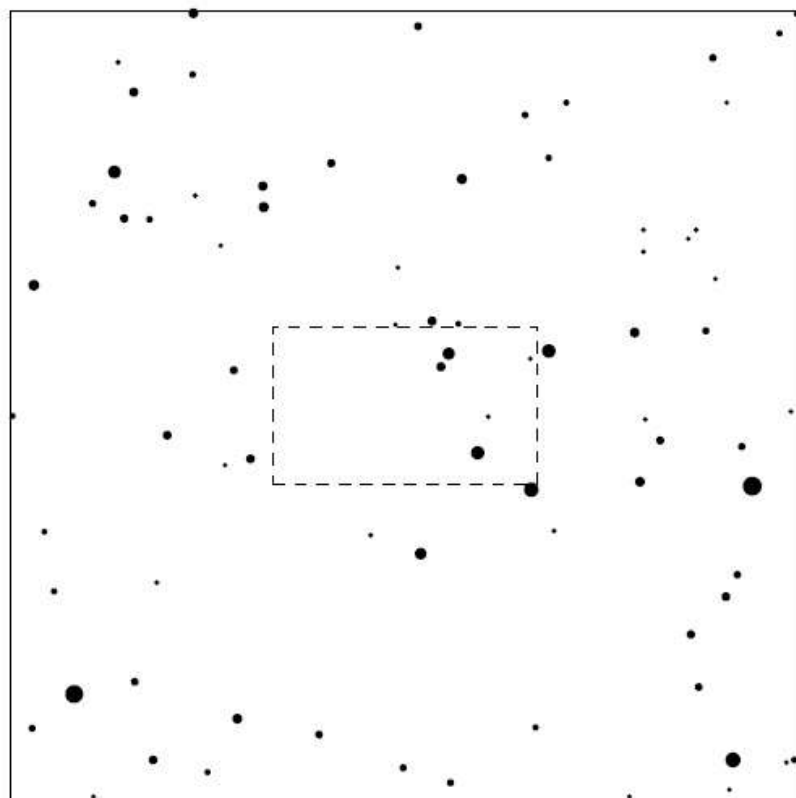
Star: Source cat. PPMX
 α = 4^h23^m24.343^s δ = +49°18'50.66"
Vmag = 11.55 mag =

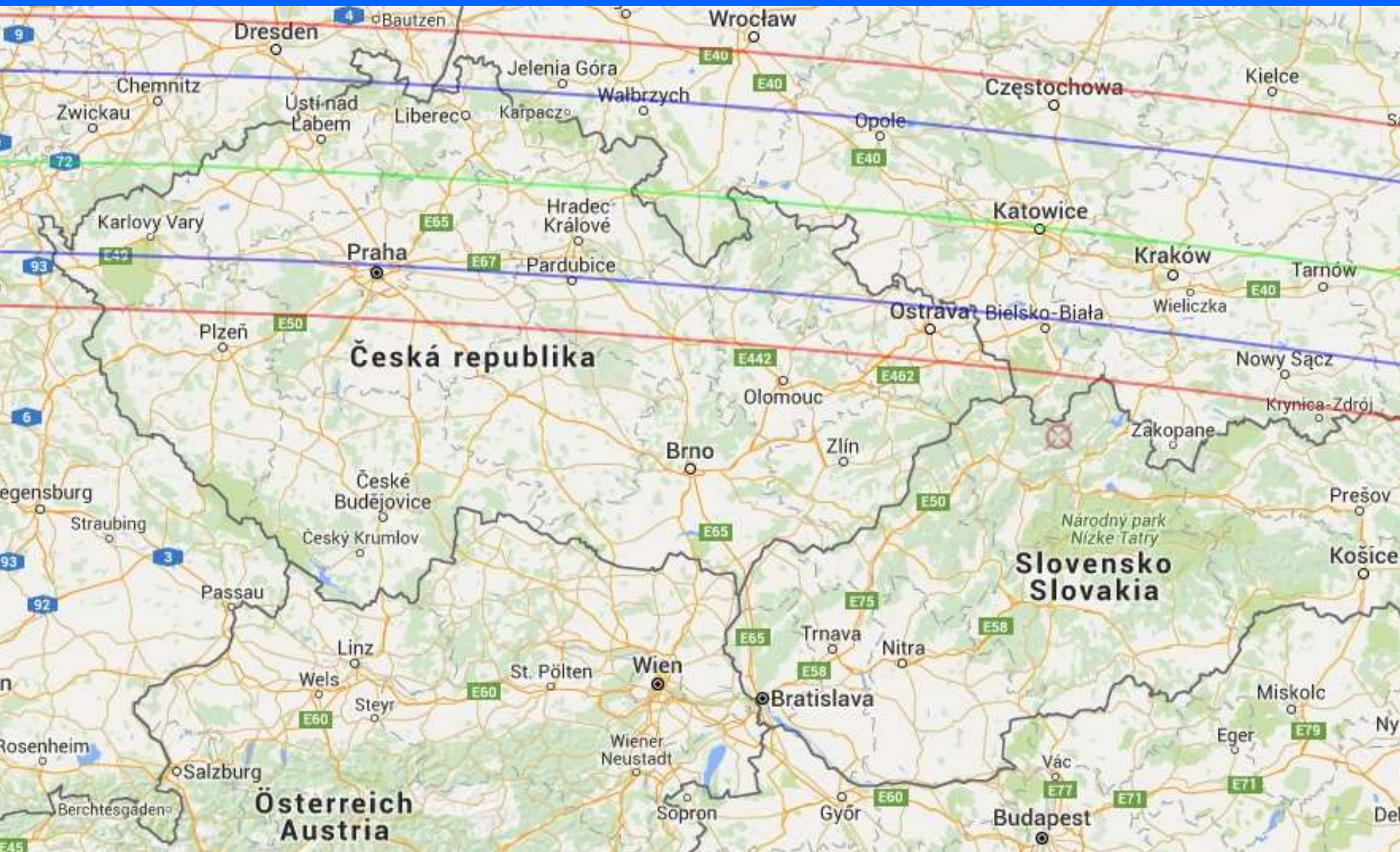
Δm = 2.3

Max. dur. = 8.2s

Sun : 143°

Moon : 46° , 76%





P8M01 Triton (I) occults 4U 410-143659 on 2017 Oct 5 from 23h 44m to 24h 0m UT

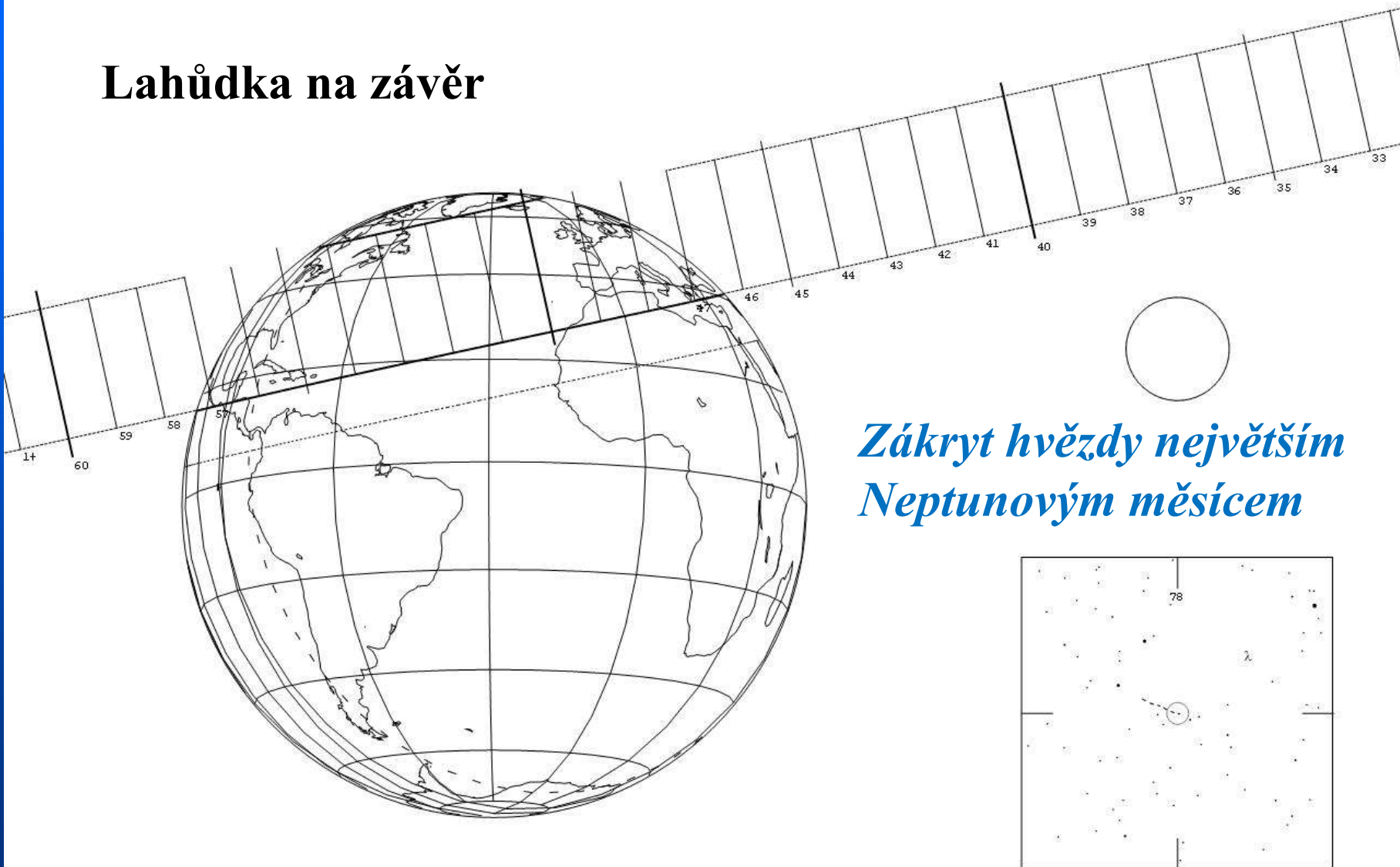
Star:
Mv = 12.4 Mp = 12.4 Mr = 12.4
RA = 22 54 18.4363 (J2000)
Dec = - 8 0 8.318
[of Date: 22 55 14, - 7 54 23]
Prediction of 2016 Oct 12.0

Max Duration = 161.1 secs
Mag Drop = 1.4 (1.1r)
Sun : Dist = 149 deg
Moon : Dist = 34 deg
: illum = 100 %
E 0.050" x 0.050" in PA 90

Asteroid:
Mag = 13.5
Dia = 2705km, 0.128"
Parallax = 0.302"
Hourly dRA = -0.188s
dDec = -0.62"

TNO object

Lahůdka na závěr



*Zákryt hvězdy největším
Neptunovým měsícem*