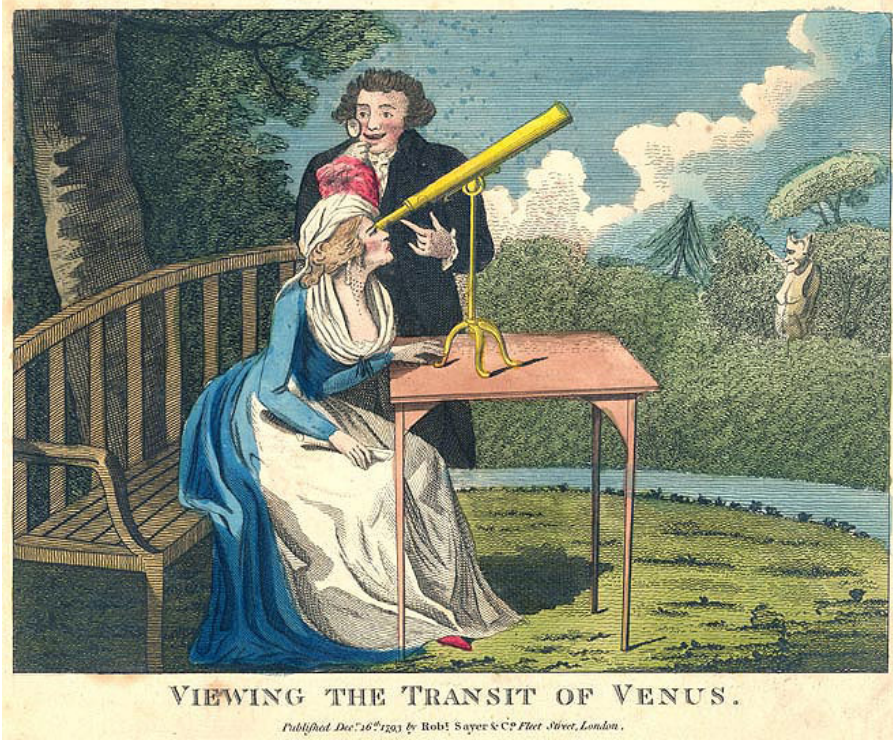




# АСТРОНОМИЯ В КАРЕЛИИ

№2 (2)  
февраль 2012 года



VIEWING THE TRANSIT OF VENUS.

*Published Dec. 16<sup>th</sup> 1763 by Robt. Sayer & C<sup>o</sup> Fleet Street, London.*

1761

5-6 2012 ( « » )

1631 (

1639 (1610-1644).

1631 (

1663 (

1761 ( 176 ),

(1711-1765)

26

1769

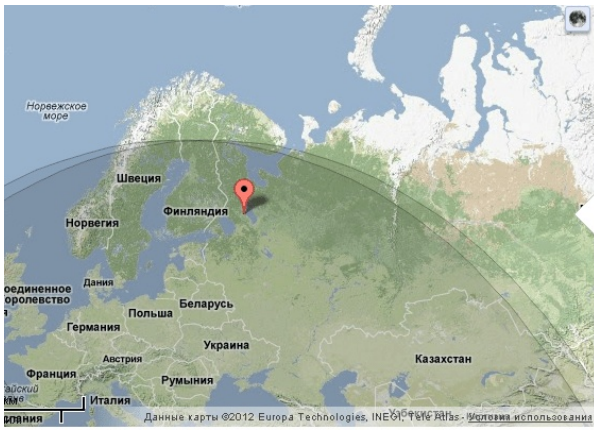
(

),

!







**Transit times** 2012 ▾

R19, Петрозаводск, Республика Карелия, Россия

64%

ingress exterior	ingress interior	transit center	egress interior	egress exterior
Jun 6 02:05:01	Jun 6 02:22:38	Jun 6 05:29:29	Jun 6 08:36:32	Jun 6 08:53:56

Times in GMT +4 (Europe/Moscow)

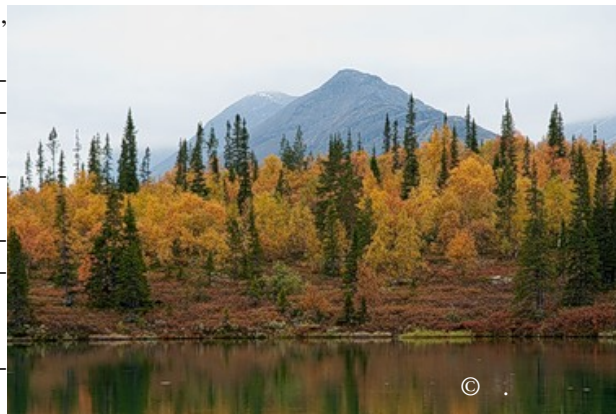
6 ( )

30

2012

« »

2117



3 8

(agaz@list.ru).

(25% 32%);

5

<http://transitofvenus.nl/wp/where->

Map of the Murmansk region in Russia showing a transit path. A red pin is located near the town of Alaity. The map includes labels for Severomorsk, Мурманск, Мончегорск, Алайти, and Кандалакша.

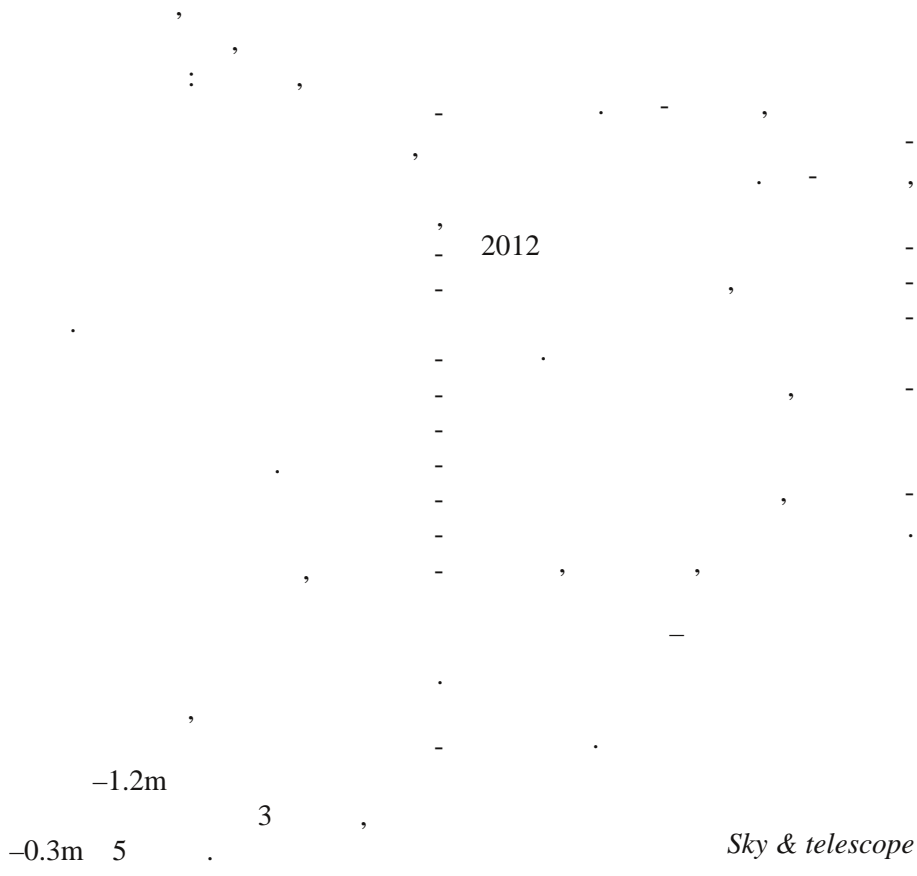
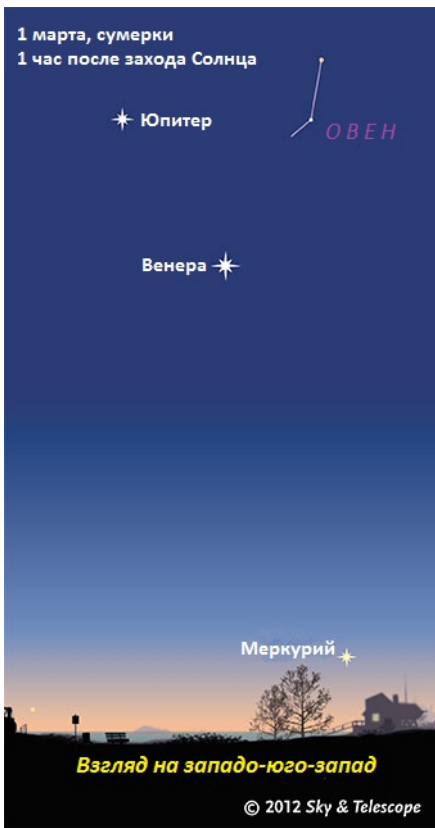
**Transit times** 2012 ▾

Кировск, Мурманская область, Россия

75%

ingress exterior	ingress interior	transit center	egress interior	egress exterior
Jun 6 02:04:56	Jun 6 02:22:31	Jun 6 05:29:13	Jun 6 08:36:06	Jun 6 08:53:31

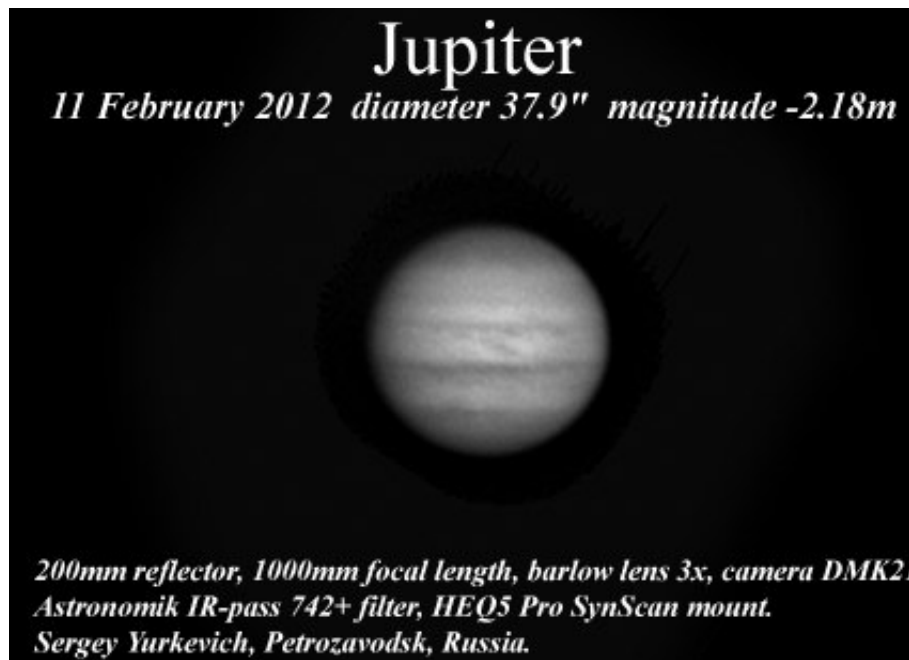
Times in GMT +4 (Europe/Moscow)



6

Sky & telescope

-1.2m  
-0.3m 5 3



- ( -10m)
- (-4.3m)
- (-2.2m)
- (-1.4m)
- (-1.2m)
- ( . )

МАРТ 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

« »

2 (2), 2012 .

artnovich@inbox.ru

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<http://www.severastro.narod.ru>