# Астрономический календарь на 2017 год

# по переменным звездам

(время московское)

Сгенерировано при помощи он-лайн календаря https://www.calsky.com/

# ЯНВАРЬ

#### Москва, Россия Lon: +38d00m00.00s Lat: +56d00m00.00s Alt: 194m Geoid Alt: 179m

Sunday 1 January 2017 3h41m HU Tau Minimum of Variable Star at 0h41m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 21h00m and ends at 4h24m Minimum of Variable Star at 2.6h, Magnitude=6.6mag Type=EA/DM U Oph Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13' Eclipse begins at about 23h24m and ends at 5h50m 6h45m AR Lac Minimum of Variable Star at 3h45m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 0h12m and ends at 7h20m

#### Monday 2 January 2017

V Mon MAXIMUM of Variable Star, Magnitude=6.0mag Type=M Minimum=13.9mag Period=340.5days Epoch=2002 RA= 6h22.7m Dec=-2°12' 0.9h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' 2h01m VV Ori Minimum of Variable Star at 23h01m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 19h28m and ends at 2h36m

Tuesday 3 January 2017 0h06m WW Aur Minimum of Variable Star at 21h06m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 18h05m and ends at 0h09m AR Aur Minimum of Variable Star at 0.7h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 21h18m and ends at 4h14m 5h02m HU Tau Minimum of Variable Star at 2h02m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 22h21m and ends at 5h45m 6h21m AR Lac Minimum of Variable Star at 3h21m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 23h48m and ends at 6h56m AG Per Minimum of Variable Star at 16.3h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 13h26m and ends at 19h16m

## Wednesday 4 January 2017

R CMa Minimum of Variable Star at 20.0h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 17h56m and ends at 22h02m

# Thursday 5 January 2017

1h19m VV Ori Minimum of Variable Star at 22h19m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 18h46m and ends at 1h54m V1031 Ori Minimum of Variable Star at 23.5h, Magnitude=6.4mag Type=EA/DM Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32' Eclipse begins at about 23h05m and ends at 23h55m 5h57m AR Lac Minimum of Variable Star at 2h57m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 23h24m and ends at 6h32m AG Per Minimum of Variable Star at 17.0h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 14h07m and ends at 19h58m

# Friday 6 January 2017

del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' R CMa Minimum of Variable Star at 23.2h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period=1.1days Epoch=2008 RA=7h19.5m Dec=-16°24' Eclipse begins at about 21h12m and ends at 1h17m U Oph Minimum of Variable Star at 3.4h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13' Eclipse begins at about 0h09m and ends at 6h36m

5h33m AR Lac Minimum of Variable Star at 2h33m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 23h00m and ends at 6h08m

7.0h AR Aur Minimum of Variable Star at 4.0h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 0h32m and ends at 7h29m

22.0h AG Per Minimum of Variable Star at 17.7h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 14h49m and ends at 20h39m

#### Sunday 8 January 2017

0h37m VV Ori Minimum of Variable Star at 21h37m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 18h04m and ends at 1h12m

1h18m WW Aur Minimum of Variable Star at 22h18m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 19h17m and ends at 1h21m

1h21m YZ Cas Minimum of Variable Star at 22h21m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 14h20m and ends at 6h25m

7h42m V1143 Cyg Minimum of Variable Star at 4h42m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 2h53m and ends at 6h33m

R Tri MAXIMUM of Variable Star, Magnitude=5.4mag Type=M

Minimum=12.6mag Period=266.9days Epoch=2002 RA= 2h37.0m Dec=+34°16'

#### Monday 9 January 2017

5h09m AR Lac Minimum of Variable Star at 2h09m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 22h36m and ends at 5h44m

22.0h AG Per Minimum of Variable Star at 18.4h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 15h30m and ends at 21h21m

#### Tuesday 10 January 2017

4.1h BW Boo Minimum of Variable Star at 1.1h, Magnitude=7.5mag Type=EA/DM

Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h44m and ends at 3h32m

23h55m VV Ori Minimum of Variable Star at 20h55m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 17h22m and ends at 0h30m

# Wednesday 11 January 2017

4h45m AR Lac Minimum of Variable Star at 1h45m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 22h12m and ends at 5h20m

5.3h bet Per Minimum of Variable Star at 2.3h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 0h59m and ends at 3h44m

7.1h U Oph Minimum of Variable Star at 4.1h, Magnitude=6.6mag Type=EA/DM

Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13'

Eclipse begins at about 0h55m and ends at 7h22m

22.0h V1031 Ori Minimum of Variable Star at 19.0h, Magnitude=6.4mag Type=EA/DM

Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'

Eclipse begins at about 18h34m and ends at 19h23m

22.1h AG Per Minimum of Variable Star at 19.1h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 16h12m and ends at 22h02m

#### Thursday 12 January 2017

22.0h R CMa Minimum of Variable Star at 18.8h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 16h47m and ends at 20h52m

# Friday 13 January 2017

2h30m WW Aur Minimum of Variable Star at 23h30m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 20h30m and ends at 2h33m

4h21m AR Lac Minimum of Variable Star at 1h21m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 21h47m and ends at 4h56m

22.8h AG Per Minimum of Variable Star at 19.8h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 16h54m and ends at 22h44m

23h13m VV Ori Minimum of Variable Star at 20h13m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period=1.5days Epoch=2002 RA=5h33.5m Dec=-1°09'

Eclipse begins at about 16h41m and ends at 23h48m

Saturday 14 January 2017

R CMa Minimum of Variable Star at 22.1h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 20h02m and ends at 0h08m

bet Per Minimum of Variable Star at 23.2h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 21h48m and ends at 0h33m

Sunday 15 January 2017

3h57m AR Lac Minimum of Variable Star at 0h57m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 21h23m and ends at 4h32m

W And MAXIMUM of Variable Star, Magnitude=6.7mag Type=M Minimum=14.6mag Period=395.9days Epoch=2002 RA= 2h17.5m Dec=+44°18'

23h05m V1143 Čyg Minimum of Variable Star at 20h05m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58

Eclipse begins at about 18h16m and ends at 21h56m

AG Per Minimum of Variable Star at 20.5h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 17h35m and ends at 23h26m

Monday 16 January 2017

22h31m VV Ori Minimum of Variable Star at 19h31m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 15h59m and ends at 23h06m

bet Per Minimum of Variable Star at 20.0h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 18h38m and ends at 21h23m

23h48m YZ Cas Minimum of Variable Star at 20h48m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 12h46m and ends at 4h51m

Tuesday 17 January 2017

3h32m AR Lac Minimum of Variable Star at 0h32m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 20h59m and ends at 4h08m

Wednesday 18 January 2017

AG Per Minimum of Variable Star at 21.2h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 18h17m and ends at 0h07m

CD Tau Minimum of Variable Star at 21.9h, Magnitude=7.3mag Type=EA/D

Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 18h36m and ends at 1h12m

3.3h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

3h42m WW Aur Minimum of Variable Star at 0h42m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 21h42m and ends at 3h45m

Thursday 19 January 2017

3h08m AR Lac Minimum of Variable Star at 0h08m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 20h35m and ends at 3h44m

VV Ori Minimum of Variable Star at 18h49m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 15h17m and ends at 22h25m

Friday 20 January 2017

AG Per Minimum of Variable Star at 21.9h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27

Eclipse begins at about 18h58m and ends at 0h49m

BW Boo Minimum of Variable Star at 1.1h, Magnitude=7.5mag Type=EA/DM

Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h41m and ends at 3h29m

MAXIMUM of Variable Star, Magnitude=5.5mag Type=M R Aal

Minimum=12.0mag Period=284.2days Epoch=2002 RA=19h06.4m Dec=+8°14' R CMa Minimum of Variable Star at 17.6h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 15h37m and ends at 19h42m

Saturday 21 January 2017

UW CMa Minimum of Variable Star at 21.9h, Magnitude=5.3mag Type=EB/KE:

Max=4.8mag Period= 4.4days Epoch=2002 RA= 7h18.7m Dec=-24°34'

2h44m AR Lac Minimum of Variable Star at 23h44m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 20h11m and ends at 3h20m

R CMa Minimum of Variable Star at 20.9h, Magnitude=6.3mag Type=EA/SD

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Sunday 22 January 2017
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AG Per Minimum of Variable Star at 22.6h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 19h40m and ends at 1h31m

del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP

Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

VV Ori Minimum of Variable Star at 18h08m, Magnitude=5.7mag Type=EA/KE: 22.0h

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 14h35m and ends at 21h43m

#### Monday 23 January 2017

u Her Minimum of Variable Star at 21.3h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 14h23m and ends at 4h10m

2h20m AR Lac Minimum of Variable Star at 23h20m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 19h47m and ends at 2h56m

R CMa Minimum of Variable Star at 0.2h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 22h09m and ends at 2h14m

WW Aur Minimum of Variable Star at 1h55m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 22h54m and ends at 4h58m

bet Lyr Minimum of Variable Star at 18.7h, Magnitude=4.4mag Type=EB 21.7h

Max=3.2mag Period=12.9days Epoch=2002 RA=18h50.1m Dec=+33°22'

HU Tau Minimum of Variable Star at 15h35m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 11h54m and ends at 19h18m

AR Aur Minimum of Variable Star at 16.9h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 13h29m and ends at 20h25m

R Gem MAXIMUM of Variable Star, Magnitude=6.0mag Type=M

Minimum=14.0mag Period=369.9days Epoch=2002 RA=7h07.4m Dec=+22°42'

#### Tuesday 24 January 2017

AG Per Minimum of Variable Star at 23.3h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 20h22m and ends at 2h12m

CD Tau Minimum of Variable Star at 18.8h, Magnitude=7.3mag Type=EA/D

Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 15h30m and ends at 22h06m

#### Wednesday 25 January 2017

u Her Minimum of Variable Star at 22.5h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 15h36m and ends at 5h23m

1h56m AR Lac Minimum of Variable Star at 22h56m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 19h23m and ends at 2h32m

HU Tau Minimum of Variable Star at 16h56m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 13h15m and ends at 20h39m

VV Ori Minimum of Variable Star at 17h26m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 13h53m and ends at 21h01m

22h14m YZ Cas Minimum of Variable Star at 19h14m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 11h12m and ends at 3h17m

# Thursday 26 January 2017

AG Per Minimum of Variable Star at 24.0h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27

Eclipse begins at about 21h03m and ends at 2h54m

## Friday 27 January 2017

1h32m AR Lac Minimum of Variable Star at 22h32m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 18h59m and ends at 2h08m

R LMi MAXIMUM of Variable Star, Magnitude=6.3mag Type=M

Minimum=13.2mag Period=372.2days Epoch=2002 RA=9h45.6m Dec=+34°31'

Minimum of Variable Star at 23.7h, Magnitude=5.4mag Type=EA/SD u Her

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 16h50m and ends at 6h37m

U Ori MAXIMUM of Variable Star, Magnitude=4.8mag Type=M Minimum=13.0mag Period=368.3days Epoch=2002 RA= 5h55.8m Dec=+20°11'

HU Tau Minimum of Variable Star at 18h18m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'
Eclipse begins at about 14h37m and ends at 22h01m
23.2h AR Aur Minimum of Variable Star at 20.2h, Magnitude=6.8mag Type=EA/DM
Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'
Eclipse begins at about 16h43m and ends at 23h40m

Saturday 28 January 2017

3.7h AG Per Minimum of Variable Star at 0.7h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 21h45m and ends at 3h35m

6h07m WW Aur Minimum of Variable Star at 3h07m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 0h06m and ends at 6h10m

22.0h VV Ori Minimum of Variable Star at 16h44m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 13h11m and ends at 20h19m

22.6h V1031 Ori Minimum of Variable Star at 19.6h, Magnitude=6.4mag Type=EA/DM

Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'

Eclipse begins at about 19h15m and ends at 20h04m

Sunday 29 January 2017

1h08m AR Lac Minimum of Variable Star at 22h08m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 18h35m and ends at 1h43m

3.9h u Her Minimum of Variable Star at 0.9h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 18h03m and ends at 7h50m

22h39m HU Tau Minimum of Variable Star at 19h39m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 15h58m and ends at 23h22m

22.7h R CMa Minimum of Variable Star at 19.7h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 17h43m and ends at 21h49m

Monday 30 January 2017

4.0h BW Boo Minimum of Variable Star at 1.0h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56′ Eclipse begins at about 22h37m and ends at 3h25m

Tuesday 31 January 2017

0h44m AR Lac Minimum of Variable Star at 21h44m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 18h11m and ends at 1h19m

2.0h R CMa Minimum of Variable Star at 23.0h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 20h59m and ends at 1h04m

5.1h u Her Minimum of Variable Star at 2.1h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 19h16m and ends at 9h03m

5h51m V1143 Cyg Minimum of Variable Star at 2h51m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 1h02m and ends at 4h42m

7.1h bet Per Minimum of Variable Star at 4.1h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 2h44m and ends at 5h29m

22.0h VV Ori Minimum of Variable Star at 16h02m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 12h29m and ends at 19h37m

# ФЕВРАЛЬ

Wednesday 1 February 2017

0h00m HU Tau Minimum of Variable Star at 21h00m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 17h19m and ends at 0h43m

2.4h AR Aur Minimum of Variable Star at 23.4h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period=4.1days Epoch=2008 RA=5h18.3m Dec=+33°46'

Eclipse begins at about 19h57m and ends at 2h54m

Thursday 2 February 2017

0h20m AR Lac Minimum of Variable Star at 21h20m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 17h47m and ends at 0h55m

6.4h u Her Minimum of Variable Star at 3.4h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 20h30m and ends at 10h17m

Friday 3 February 2017

1h22m HU Tau Minimum of Variable Star at 22h22m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 18h41m and ends at 2h05m

bet Per Minimum of Variable Star at 0.9h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 23h33m and ends at 2h19m

5.7h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

YZ Cas Minimum of Variable Star at 17h40m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 9h39m and ends at 1h43m

23h56m AR Lac Minimum of Variable Star at 20h56m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 17h23m and ends at 0h31m

# Saturday 4 February 2017

R Cyg MAXIMUM of Variable Star, Magnitude=6.1mag Type=M

Minimum=14.4mag Period=426.4days Epoch=2002 RA=19h36.8m Dec=+50°12'

WW Aur Minimum of Variable Star at 16h56m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 13h55m and ends at 19h59m

#### Sunday 5 February 2017

2h43m HU Tau Minimum of Variable Star at 23h43m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 20h02m and ends at 3h26m

AR Aur Minimum of Variable Star at 2.6h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 23h12m and ends at 6h08m

23h32m AR Lac Minimum of Variable Star at 20h32m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 16h59m and ends at 0h07m

#### Monday 6 February 2017

0.7h bet Per Minimum of Variable Star at 21.7h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 20h23m and ends at 23h08m

R CMa Minimum of Variable Star at 18.6h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 16h34m and ends at 20h39m

# Tuesday 7 February 2017

Minimum of Variable Star at 0.2h, Magnitude=6.6mag Type=EA/DM

Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec=+1°13'

Eclipse begins at about 20h58m and ends at 3h25m

6.3h del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP

Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

V1143 Cyg Minimum of Variable Star at 18h13m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 16h24m and ends at 20h05m

23h08m AR Lac Minimum of Variable Star at 20h08m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 16h35m and ends at 23h43m

# Wednesday 8 February 2017

R CMa Minimum of Variable Star at 21.9h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 19h50m and ends at 23h55m

Minimum of Variable Star at 18.6h, Magnitude=3.4mag Type=EA/SD bet Per

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 17h12m and ends at 19h57m

## Thursday 9 February 2017

BW Boo Minimum of Variable Star at 1.0h, Magnitude=7.5mag Type=EA/DM

Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h34m and ends at 3h22m

WW Aur Minimum of Variable Star at 18h08m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 15h08m and ends at 21h11m

22h44m AR Lac Minimum of Variable Star at 19h44m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 16h11m and ends at 23h19m

# Saturday 11 February 2017

22h20m AR Lac Minimum of Variable Star at 19h20m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 15h47m and ends at 22h55m

Sunday 12 February 2017

0.1h UW CMa Minimum of Variable Star at 21.1h, Magnitude=5.3mag Type=EB/KE:

Max=4.8mag Period= 4.4days Epoch=2002 RA= 7h18.7m Dec=-24°34'

3.9h U Oph Minimum of Variable Star at 0.9h, Magnitude=6.6mag Type=EA/DM

Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13'

Eclipse begins at about 21h44m and ends at 4h10m

22.0h YZ Cas Minimum of Variable Star at 16h06m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 8h05m and ends at 0h10m

#### Monday 13 February 2017

22.0h AR Lac Minimum of Variable Star at 18h55m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 15h22m and ends at 22h31m

23.3h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP

Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

#### Tuesday 14 February 2017

22.0h R CMa Minimum of Variable Star at 17.4h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 15h25m and ends at 19h30m

22h21m WW Aur Minimum of Variable Star at 19h21m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 16h20m and ends at 22h24m

23.3h V1031 Ori Minimum of Variable Star at 20.3h, Magnitude=6.4mag Type=EA/DM

Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'

Eclipse begins at about 19h56m and ends at 20h46m

#### Wednesday 15 February 2017

22.0h AR Lac Minimum of Variable Star at 18h31m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 14h58m and ends at 22h07m

23.7h R CMa Minimum of Variable Star at 20.7h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 18h41m and ends at 22h46m

## Thursday 16 February 2017

R Dra MAXIMUM of Variable Star, Magnitude=6.7mag Type=M

Minimum=13.2mag Period=245.6days Epoch=2002 RA=16h32.7m Dec=+66°45'

# Friday 17 February 2017

4.7h U Oph Minimum of Variable Star at 1.7h, Magnitude=6.6mag Type=EA/DM

Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13'

Eclipse begins at about 22h29m and ends at 4h56m

6h19m YZ Cas Minimum of Variable Star at 3h19m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 19h18m and ends at 11h23m

6.8h V0436 Per Minimum of Variable Star at 3.8h, Magnitude=5.8mag Type=EA/D

Max=5.5mag Period=25.9days Epoch=1998 RA=1h52.0m Dec=+55°09'

Eclipse begins at about 0h41m and ends at 6h54m

22.0h AR Lac Minimum of Variable Star at 18h07m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 14h34m and ends at 21h43m

22.9h CD Tau Minimum of Variable Star at 19.9h, Magnitude=7.3mag Type=EA/D

Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 16h39m and ends at 23h15m

23.9h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP

Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

# Saturday 18 February 2017

22.0h u Her Minimum of Variable Star at 13.1h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 6h16m and ends at 20h03m

## Sunday 19 February 2017

3.9h BW Boo Minimum of Variable Star at 0.9h, Magnitude=7.5mag Type=EA/DM

Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h31m and ends at 3h19m

22.0h AR Lac Minimum of Variable Star at 17h43m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 14h10m and ends at 21h18m

23h34m WW Aur Minimum of Variable Star at 20h34m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 17h33m and ends at 23h36m

Monday 20 February 2017

u Her Minimum of Variable Star at 14.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 7h30m and ends at 21h17m

#### Tuesday 21 February 2017

YZ Cas Minimum of Variable Star at 14h32m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 6h31m and ends at 22h36m

AR Aur Minimum of Variable Star at 15.6h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 12h09m and ends at 19h06m

AR Lac Minimum of Variable Star at 17h19m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 13h46m and ends at 20h54m

#### Wednesday 22 February 2017

Minimum of Variable Star at 2.5h, Magnitude=6.6mag Type=EA/DM U Oph

Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13'

Eclipse begins at about 23h15m and ends at 5h41m

Minimum of Variable Star at 15.6h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 8h43m and ends at 22h30m

#### Thursday 23 February 2017

3h59m V1143 Cyg Minimum of Variable Star at 0h59m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 23h10m and ends at 2h50m

bet Per Minimum of Variable Star at 2.7h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 1h19m and ends at 4h04m

22.0h AR Lac Minimum of Variable Star at 16h55m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 13h22m and ends at 20h30m

R CMa Minimum of Variable Star at 19.6h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 17h32m and ends at 21h37m

## Friday 24 February 2017

u Her Minimum of Variable Star at 16.8h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 9h56m and ends at 23h43m

CD Tau Minimum of Variable Star at 16.8h, Magnitude=7.3mag Type=EA/D

Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 13h33m and ends at 20h09m

# Saturday 25 February 2017

0h46m WW Aur Minimum of Variable Star at 21h46m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 18h45m and ends at 0h49m

AR Lac Minimum of Variable Star at 16h31m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 12h58m and ends at 20h06m

AR Aur Minimum of Variable Star at 18.8h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 15h24m and ends at 22h20m

#### Sunday 26 February 2017

1h07m VV Ori Minimum of Variable Star at 22h07m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 18h34m and ends at 1h42m

bet Per Minimum of Variable Star at 23.5h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 22h08m and ends at 0h53m

4h45m YZ Cas Minimum of Variable Star at 1h45m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 17h44m and ends at 9h49m

u Her Minimum of Variable Star at 18.0h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 11h10m and ends at 0h57m

# Monday 27 February 2017

U Oph Minimum of Variable Star at 3.2h, Magnitude=6.6mag Type=EA/DM

Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13'

Eclipse begins at about 0h00m and ends at 6h27m

AR Lac Minimum of Variable Star at 16h07m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 12h34m and ends at 19h42m

Tuesday 28 February 2017

22.3h u Her Minimum of Variable Star at 19.3h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 12h23m and ends at 2h10m

23.3h bet Per Minimum of Variable Star at 20.3h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 18h57m and ends at 21h42m

## **MAPT**

Wednesday 1 March 2017

0h25m VV Ori Minimum of Variable Star at 21h25m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 17h52m and ends at 1h00m

3.9h BW Boo Minimum of Variable Star at 0.9h, Magnitude=7.5mag Type=EA/DM

Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h28m and ends at 3h16m

22.0h AR Lac Minimum of Variable Star at 15h43m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 12h09m and ends at 19h18m

22.0h HU Tau Minimum of Variable Star at 15h59m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 12h18m and ends at 19h42m

#### Thursday 2 March 2017

1.1h AR Aur Minimum of Variable Star at 22.1h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 18h38m and ends at 1h35m

1.7h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP

Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

1h59m WW Aur Minimum of Variable Star at 22h59m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 19h58m and ends at 2h02m

23.5h u Her Minimum of Variable Star at 20.5h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 13h36m and ends at 3h23m

## Friday 3 March 2017

22.0h HU Tau Minimum of Variable Star at 17h21m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 13h40m and ends at 21h04m

22.0h R CMa Minimum of Variable Star at 18.4h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 16h23m and ends at 20h28m

23h43m VV Ori Minimum of Variable Star at 20h43m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 17h11m and ends at 0h18m

## Sunday 5 March 2017

0.7h u Her Minimum of Variable Star at 21.7h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 14h50m and ends at 4h37m

22.0h HU Tau Minimum of Variable Star at 18h42m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 15h01m and ends at 22h25m

23.3h UW CMa Minimum of Variable Star at 20.3h, Magnitude=5.3mag Type=EB/KE:

Max=4.8mag Period= 4.4days Epoch=2002 RA= 7h18.7m Dec=-24°34'

## Monday 6 March 2017

R Vir MAXIMUM of Variable Star, Magnitude=6.1mag Type=M

Minimum=12.1mag Period=145.6days Epoch=2002 RA=12h38.5m Dec=+6°59'

2.3h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period=5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

23h02m VV Ori Minimum of Variable Star at 20h02m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period=1.5days Epoch=2002 RA=5h33.5m Dec=-1°09'

Eclipse begins at about 16h29m and ends at 23h37m

# Tuesday 7 March 2017

1.9h u Her Minimum of Variable Star at 22.9h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 16h03m and ends at 5h50m

3h12m WW Aur Minimum of Variable Star at 0h12m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 21h11m and ends at 3h14m

3h12m YZ Cas Minimum of Variable Star at 0h12m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 16h10m and ends at 8h15m 23h03m HU Tau Minimum of Variable Star at 20h03m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 16h22m and ends at 23h47m

Wednesday 8 March 2017

RS Cyg MAXIMUM of Variable Star, Magnitude=6.5mag Type=SRA Minimum=9.5mag Period=417.4days Epoch=2001 RA=20h13.4m Dec=+38°44'

Thursday 9 March 2017

u Her Minimum of Variable Star at 0.1h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 17h16m and ends at 7h03m 22h20m VV Ori Minimum of Variable Star at 19h20m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period=1.5days Epoch=2002 RA=5h33.5m Dec=-1°09' Eclipse begins at about 15h47m and ends at 22h55m

Friday 10 March 2017

0h25m HU Tau Minimum of Variable Star at 21h25m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 17h44m and ends at 1h08m

omi Cet MAXIMUM of Variable Star, Magnitude=2.0mag Type=M Minimum=10.1mag Period=332.0days Epoch=2003 RA= 2h19.3m Dec= -2°58'

Saturday 11 March 2017

BW Boo Minimum of Variable Star at 0.8h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56' Eclipse begins at about 22h26m and ends at 3h14m u Her Minimum of Variable Star at 1.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 18h30m and ends at 8h16m R CMa Minimum of Variable Star at 17.3h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 15h14m and ends at 19h19m

Sunday 12 March 2017

4h24m WW Aur Minimum of Variable Star at 1h24m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 22h24m and ends at 4h27m

MAXIMUM of Variable Star, Magnitude=4.7mag Type=M R Cas Minimum=13.5mag Period=430.5days Epoch=2002 RA=23h58.4m Dec=+51°23' 21.9h VV Ori Minimum of Variable Star at 18h38m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 15h05m and ends at 22h13m R CMa Minimum of Variable Star at 20.5h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period=1.1days Epoch=2008 RA=7h19.5m Dec=-16°24' Eclipse begins at about 18h30m and ends at 22h35m

Monday 13 March 2017

u Her Minimum of Variable Star at 2.6h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 19h43m and ends at 9h30m

Wednesday 15 March 2017

RR Lyn Minimum of Variable Star at 2.1h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17' Eclipse begins at about 21h24m and ends at 6h56m

V0436 Per Minimum of Variable Star at 2.3h, Magnitude=5.8mag Type=EA/D Max=5.5mag Period=25.9days Epoch=1998 RA= 1h52.0m Dec=+55°09' Eclipse begins at about 23h11m and ends at 5h25m

AG Per Minimum of Variable Star at 16.6h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 13h43m and ends at 19h34m

VV Ori Minimum of Variable Star at 17h56m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 14h24m and ends at 21h31m

Thursday 16 March 2017

U Oph Minimum of Variable Star at 21.7h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13' Eclipse begins at about 18h32m and ends at 0h58m 1h38m YZ Cas Minimum of Variable Star at 22h38m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 14h37m and ends at 6h42m

BW Boo Minimum of Variable Star at 16.8h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56' Eclipse begins at about 14h24m and ends at 19h12m AG Per Minimum of Variable Star at 17.3h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 14h25m and ends at 20h16m

Saturday 18 March 2017

2h07m V1143 Cyg Minimum of Variable Star at 23h07m, Magnitude=6.4mag Type=EA/DM Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58' Eclipse begins at about 21h18m and ends at 0h58m

del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Minimum of Variable Star at 1.2h, Magnitude=3.4mag Type=EA/SD 4.2h bet Per

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 23h53m and ends at 2h38m

T Her MAXIMUM of Variable Star, Magnitude=6.8mag Type=M Minimum=13.7mag Period=165.0days Epoch=2002 RA=18h09.1m Dec=+31°01'

VV Ori Minimum of Variable Star at 17h15m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 13h42m and ends at 20h50m

Sunday 19 March 2017

21.9h AG Per Minimum of Variable Star at 18.0h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 15h07m and ends at 20h57m

Monday 20 March 2017

CD Tau Minimum of Variable Star at 18.0h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08' Eclipse begins at about 14h43m and ends at 21h19m 22.4h R CMa Minimum of Variable Star at 19.4h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period=1.1days Epoch=2008 RA=7h19.5m Dec=-16°24' Eclipse begins at about 17h21m and ends at 21h26m

Tuesday 21 March 2017

bet Per Minimum of Variable Star at 22.1h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 20h42m and ends at 23h27m

U Oph Minimum of Variable Star at 22.5h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13' Eclipse begins at about 19h17m and ends at 1h44m

BW Boo Minimum of Variable Star at 0.8h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h23m and ends at 3h11m

21.9h VV Ori Minimum of Variable Star at 16h33m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 13h00m and ends at 20h08m

AG Per Minimum of Variable Star at 18.7h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 15h48m and ends at 21h39m

Wednesday 22 March 2017

del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Thursday 23 March 2017

R CMi MAXIMUM of Variable Star, Magnitude=7.2mag Type=M Minimum=11.6mag Period=337.8days Epoch=2002 RA= 7h08.7m Dec=+10°01' bet Per Minimum of Variable Star at 18.9h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 17h32m and ends at 20h17m AG Per Minimum of Variable Star at 19.4h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 16h30m and ends at 22h21m

Friday 24 March 2017

VV Ori Minimum of Variable Star at 15h51m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 12h18m and ends at 19h26m WW Aur Minimum of Variable Star at 16h26m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 13h25m and ends at 19h29m

Saturday 25 March 2017

0h04m YZ Cas Minimum of Variable Star at 21h04m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 13h03m and ends at 5h08m

3.8h RR Lyn Minimum of Variable Star at 0.8h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'

Eclipse begins at about 20h06m and ends at 5h39m

23.1h AG Per Minimum of Variable Star at 20.1h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 17h12m and ends at 23h02m

Sunday 26 March 2017

2.2h U Oph Minimum of Variable Star at 23.2h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 20h03m and ends at 2h29m

21.9h AR Aur Minimum of Variable Star at 17.5h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46′ Eclipse begins at about 14h05m and ends at 21h02m

Monday 27 March 2017

21.9h BW Boo Minimum of Variable Star at 16.7h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56' Eclipse begins at about 14h21m and ends at 19h09m 23.8h AG Per Minimum of Variable Star at 20.8h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 17h53m and ends at 23h44m

Tuesday 28 March 2017

21.7h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'
21.9h R CMa Minimum of Variable Star at 18.2h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA=7h19.5m Dec=-16°24'
Eclipse begins at about 16h12m and ends at 20h17m

Wednesday 29 March 2017

21.9h u Her Minimum of Variable Star at 12.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 5h29m and ends at 19h16m 21.9h WW Aur Minimum of Variable Star at 17h39m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA=6h32.5m Dec=+32°27' Eclipse begins at about 14h38m and ends at 20h42m

Thursday 30 March 2017

23.8h AR Aur Minimum of Variable Star at 20.8h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 17h19m and ends at 0h16m

Friday 31 March 2017

3.0h U Oph Minimum of Variable Star at 0.0h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 20h48m and ends at 3h15m 3.7h BW Boo Minimum of Variable Star at 0.7h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h20m and ends at 3h08m 21.9h u Her Minimum of Variable Star at 13.6h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 6h43m and ends at 20h30m

# АПРЕЛЬ

Saturday 1 April 2017

Observer Site User Site, Russian Federation

WGS84: Lon: +38d00m00.00s Lat: +56d00m00.00s Alt: 194m Geoid Alt: 179m All times in MSK

22.3h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period=5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Sunday 2 April 2017

21.8h u Her Minimum of Variable Star at 14.8h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 7h56m and ends at 21h43m 22h30m YZ Cas Minimum of Variable Star at 19h30m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59′ Eclipse begins at about 11h29m and ends at 3h34m

Monday 3 April 2017

21h52m WW Aur Minimum of Variable Star at 18h52m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Tuesday 4 April 2017

2.6h RR Lyn Minimum of Variable Star at 23.6h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'

Eclipse begins at about 18h48m and ends at 4h21m

21.8h u Her Minimum of Variable Star at 16.0h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 9h09m and ends at 22h56m

Wednesday 5 April 2017

3.8h U Oph Minimum of Variable Star at 0.8h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 21h34m and ends at 4h00m

21.8h R CMa Minimum of Variable Star at 17.1h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 15h03m and ends at 19h09m

Thursday 6 April 2017

21.8h BW Boo Minimum of Variable Star at 16.7h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56' Eclipse begins at about 14h19m and ends at 19h07m
21.8h u Her Minimum of Variable Star at 17.3h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 10h23m and ends at 0h10m

Friday 7 April 2017

21.8h HU Tau Minimum of Variable Star at 16h24m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 12h43m and ends at 20h07m

Saturday 8 April 2017

V CVn MAXIMUM of Variable Star, Magnitude=6.5mag Type=SRA
Minimum=8.6mag Period=191.9days Epoch=2002 RA=13h19.5m Dec=+45°32'
21.8h u Her Minimum of Variable Star at 18.5h, Magnitude=5.4mag Type=EA/SD
Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'
Eclipse begins at about 11h36m and ends at 1h23m
23h04m WW Aur Minimum of Variable Star at 20h04m, Magnitude=6.5mag Type=EA/DM
Max=5.8mag Period= 2.5days Epoch=2002 RA=6h32.5m Dec=+32°27'
Eclipse begins at about 17h04m and ends at 23h07m

Sunday 9 April 2017

21.8h HU Tau Minimum of Variable Star at 17h45m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 14h04m and ends at 21h28m

Monday 10 April 2017

Oh14m V1143 Cyg Minimum of Variable Star at 21h14m, Magnitude=6.4mag Type=EA/DM Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 19h25m and ends at 23h05m

2.8h bet Per Minimum of Variable Star at 23.8h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 22h27m and ends at 1h12m

3.7h BW Boo Minimum of Variable Star at 0.7h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'

Eclipse begins at about 22h18m and ends at 3h06m

3.8h V0436 Per Minimum of Variable Star at 0.8h, Magnitude=5.8mag Type=EA/D Max=5.5mag Period=25.9days Epoch=1998 RA= 1h52.0m Dec=+55°09'

Eclipse begins at about 21h41m and ends at 3h55m

22.7h u Her Minimum of Variable Star at 19.7h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 12h49m and ends at 2h36m

Tuesday 11 April 2017

21.8h YZ Cas Minimum of Variable Star at 17h56m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'
Eclipse begins at about 9h55m and ends at 2h00m
22h06m HU Tau Minimum of Variable Star at 19h06m, Magnitude=6.7mag Type=EA/SD:
Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'
Eclipse begins at about 15h25m and ends at 22h49m

Wednesday 12 April 2017

23.6h bet Per Minimum of Variable Star at 20.6h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 19h16m and ends at 22h01m

23.9h u Her Minimum of Variable Star at 20.9h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 14h03m and ends at 3h50m

Thursday 13 April 2017

S CMi MAXIMUM of Variable Star, Magnitude=6.6mag Type=M Minimum=13.2mag Period=332.9days Epoch=2002 RA= 7h32.7m Dec=+8°19'

Friday 14 April 2017

0.0h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP
Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'
0h17m WW Aur Minimum of Variable Star at 21h17m, Magnitude=6.5mag Type=EA/DM
Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'
Eclipse begins at about 18h17m and ends at 0h20m
1.3h RR Lyn Minimum of Variable Star at 22.3h, Magnitude=6.0mag Type=EA/DM
Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'
Eclipse begins at about 17h30m and ends at 3h03m

Saturday 15 April 2017

1.1h u Her Minimum of Variable Star at 22.1h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 15h16m and ends at 5h03m 21.8h bet Per Minimum of Variable Star at 17.4h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 16h05m and ends at 18h50m

Sunday 16 April 2017

V Cas MAXIMUM of Variable Star, Magnitude=6.9mag Type=M
Minimum=13.4mag Period=228.8days Epoch=2002 RA=23h11.7m Dec=+59°42'
21.8h BW Boo Minimum of Variable Star at 16.7h, Magnitude=7.5mag Type=EA/DM
Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56'
Eclipse begins at about 14h17m and ends at 19h04m

Monday 17 April 2017

2.4h u Her Minimum of Variable Star at 23.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 16h29m and ends at 6h16m

Tuesday 18 April 2017

0.6h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period=5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Wednesday 19 April 2017

1h30m WW Aur Minimum of Variable Star at 22h30m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'
Eclipse begins at about 19h29m and ends at 1h33m
3.6h u Her Minimum of Variable Star at 0.6h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'
Eclipse begins at about 17h43m and ends at 7h30m

Thursday 20 April 2017

21.8h YZ Cas Minimum of Variable Star at 16h22m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period=4.5days Epoch=2002 RA=0h45.7m Dec=+74°59' Eclipse begins at about 8h21m and ends at 0h26m

Sunday 23 April 2017

24.0h RR Lyn Minimum of Variable Star at 21.0h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17' Eclipse begins at about 16h12m and ends at 1h45m

Monday 24 April 2017

21.8h AR Aur Minimum of Variable Star at 16.2h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 12h46m and ends at 19h43m

Wednesday 26 April 2017

21.8h BW Boo Minimum of Variable Star at 16.6h, Magnitude=7.5mag Type=EA/DM Max=7.1mag Period= 3.3days Epoch=2002 RA=14h37.1m Dec=+35°56′ Eclipse begins at about 14h14m and ends at 19h02m 23.1h U Oph Minimum of Variable Star at 20.1h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec=+1°13′ Eclipse begins at about 16h51m and ends at 23h18m

R Leo MAXIMUM of Variable Star, Magnitude=4.4mag Type=M Minimum=11.3mag Period=309.9days Epoch=2002 RA= 9h47.6m Dec=+11°26'

Friday 28 April 2017

22.5h AR Aur Minimum of Variable Star at 19.5h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 16h00m and ends at 22h57m

Saturday 29 April 2017

21.8h YZ Cas Minimum of Variable Star at 14h48m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 6h47m and ends at 22h52m

Sunday 30 April 2017

2.4h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

# МАЙ

Monday 1 May 2017

23.8h U Oph Minimum of Variable Star at 20.8h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 17h37m and ends at 0h03m

Tuesday 2 May 2017

22h21m V1143 Cyg Minimum of Variable Star at 19h21m, Magnitude=6.4mag Type=EA/DM Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58' Eclipse begins at about 17h32m and ends at 21h13m

Wednesday 3 May 2017

1.4h bet Per Minimum of Variable Star at 22.4h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'
Eclipse begins at about 21h00m and ends at 23h45m
22.7h RR Lyn Minimum of Variable Star at 19.7h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'
Eclipse begins at about 14h54m and ends at 0h27m

Thursday 4 May 2017

3.0h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period=5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Friday 5 May 2017

22.2h bet Per Minimum of Variable Star at 19.2h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 17h49m and ends at 20h34m

Saturday 6 May 2017

2.3h V0436 Per Minimum of Variable Star at 23.3h, Magnitude=5.8mag Type=EA/D Max=5.5mag Period=25.9days Epoch=1998 RA= 1h52.0m Dec=+55°09' Eclipse begins at about 20h10m and ends at 2h24m

Sunday 7 May 2017

0.6h U Oph Minimum of Variable Star at 21.6h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 18h23m and ends at 0h49m

Monday 8 May 2017

V Oph MAXIMUM of Variable Star, Magnitude=7.3mag Type=M
Minimum=11.6mag Period=297.2days Epoch=2002 RA=16h26.7m Dec=-12°26'
21.8h YZ Cas Minimum of Variable Star at 13h14m, Magnitude=6.1mag Type=EA/DM
Max=5.7mag Period=4.5days Epoch=2002 RA=0h45.7m Dec=+74°59'
Eclipse begins at about 5h13m and ends at 21h18m

Tuesday 9 May 2017

21.8h u Her Minimum of Variable Star at 12.8h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 5h57m and ends at 19h44m

Thursday 11 May 2017

RS Her MAXIMUM of Variable Star, Magnitude=7.0mag Type=M Minimum=13.0mag Period=219.7days Epoch=2002 RA=17h21.7m Dec=+22°55'

21.8h u Her Minimum of Variable Star at 14.0h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 7h10m and ends at 20h57m

Friday 12 May 2017

1.3h U Oph Minimum of Variable Star at 22.3h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 19h08m and ends at 1h35m

Saturday 13 May 2017

21.8h u Her Minimum of Variable Star at 15.3h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 8h23m and ends at 22h10m 21.8h RR Lyn Minimum of Variable Star at 18.4h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17' Eclipse begins at about 13h36m and ends at 23h09m

Monday 15 May 2017

21.8h u Her Minimum of Variable Star at 16.5h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 9h37m and ends at 23h24m

Wednesday 17 May 2017

2.1h U Oph Minimum of Variable Star at 23.1h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 19h54m and ends at 2h21m 21.8h u Her Minimum of Variable Star at 17.7h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period=2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 10h50m and ends at 0h37m

Friday 19 May 2017

21.9h u Her Minimum of Variable Star at 18.9h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 12h04m and ends at 1h51m

Sunday 21 May 2017

23.2h u Her Minimum of Variable Star at 20.2h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 13h17m and ends at 3h04m

Monday 22 May 2017

1h52m YZ Cas Minimum of Variable Star at 22h52m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'
Eclipse begins at about 14h51m and ends at 6h56m
2h08m AR Lac Minimum of Variable Star at 23h08m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'
Eclipse begins at about 19h35m and ends at 2h43m

Tuesday 23 May 2017

3.1h bet Per Minimum of Variable Star at 0.1h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 22h43m and ends at 1h28m

Wednesday 24 May 2017

0.4h u Her Minimum of Variable Star at 21.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 14h31m and ends at 4h17m 1h43m AR Lac Minimum of Variable Star at 22h43m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 19h10m and ends at 2h19m

Thursday 25 May 2017

R Hya MAXIMUM of Variable Star, Magnitude=3.5mag Type=M

Minimum=10.9mag Period=388.9days Epoch=2003 RA=13h29.7m Dec=-23°17'

23.9h bet Per Minimum of Variable Star at 20.9h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 19h32m and ends at 22h17m

Friday 26 May 2017

1h19m AR Lac Minimum of Variable Star at 22h19m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 18h46m and ends at 1h54m

1.6h u Her Minimum of Variable Star at 22.6h, Magnitude=5.4mag Type=EA/SD

1.6h u Her Minimum of Variable Star at 22.6h, Magnitude=5.4mag Type=EA/SE Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 15h44m and ends at 5h31m

22.4h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP

Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Sunday 28 May 2017

0h55m AR Lac Minimum of Variable Star at 21h55m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44′ Eclipse begins at about 18h22m and ends at 1h30m 21.8h bet Per Minimum of Variable Star at 17.7h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57′ Eclipse begins at about 16h21m and ends at 19h06m

Tuesday 30 May 2017

0h30m AR Lac Minimum of Variable Star at 21h30m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'
Eclipse begins at about 17h57m and ends at 1h06m
22.9h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP
Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Wednesday 31 May 2017

0h18m YZ Cas Minimum of Variable Star at 21h18m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 13h17m and ends at 5h22m

## июнь

Thursday 1 June 2017

0h06m AR Lac Minimum of Variable Star at 21h06m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'
Eclipse begins at about 17h33m and ends at 0h41m
0.7h V0436 Per Minimum of Variable Star at 21.7h, Magnitude=5.8mag Type=EA/D
Max=5.5mag Period=25.9days Epoch=1998 RA=1h52.0m Dec=+55°09'
Eclipse begins at about 18h38m and ends at 0h52m

Friday 2 June 2017

23h42m AR Lac Minimum of Variable Star at 20h42m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 17h09m and ends at 0h17m

Saturday 3 June 2017

1.0h DV Aqr Minimum of Variable Star at 22.0h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

Sunday 4 June 2017

23h17m AR Lac Minimum of Variable Star at 20h17m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 16h44m and ends at 23h53m

Monday 12 June 2017

0.7h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Thursday 15 June 2017

1.6h bet Per Minimum of Variable Star at 22.6h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 21h14m and ends at 23h59m

Friday 16 June 2017

1.3h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period=5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Saturday 17 June 2017

22.4h bet Per Minimum of Variable Star at 19.4h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 18h02m and ends at 20h47m

Thursday 22 June 2017

23.7h U Oph Minimum of Variable Star at 20.7h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 17h32m and ends at 23h58m

Monday 26 June 2017

V0436 Per Minimum of Variable Star at 20.2h, Magnitude=5.8mag Type=EA/D Max=5.5mag Period=25.9days Epoch=1998 RA= 1h52.0m Dec=+55°09' Eclipse begins at about 17h05m and ends at 23h19m

Wednesday 28 June 2017

0.5h U Oph Minimum of Variable Star at 21.5h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 18h18m and ends at 0h44m

# июль

Saturday 1 July 2017

Observer Site User Site, Russian Federation

WGS84: Lon: +38d00m00.00s Lat: +56d00m00.00s Alt: 194m Geoid Alt: 179m

All times in MSK

Minimum of Variable Star at 20.7h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 13h47m and ends at 3h34m

Monday 3 July 2017

U Oph Minimum of Variable Star at 22.3h, Magnitude=6.6mag Type=EA/DM

Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13'

Eclipse begins at about 19h04m and ends at 1h31m

1h21m V1143 Cyg Minimum of Variable Star at 22h21m, Magnitude=6.4mag Type=EA/DM Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 20h32m and ends at 0h12m

Tuesday 4 July 2017

u Her Minimum of Variable Star at 21.9h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 15h00m and ends at 4h47m

Thursday 6 July 2017

u Her Minimum of Variable Star at 23.1h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 16h14m and ends at 6h01m

Saturday 8 July 2017

0.1h bet Per Minimum of Variable Star at 21.1h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 19h43m and ends at 22h28m

Friday 14 July 2017

DV Aqr Minimum of Variable Star at 21.1h, Magnitude=6.2mag Type=EB/DS

Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

V0822 Aql Minimum of Variable Star at 21.6h, Magnitude=7.4mag Type=EB/DM

Max=6.9mag Period= 5.3days Epoch=1992 RA=19h31.3m Dec= -2°07'

Monday 24 July 2017

bet Lyr Minimum of Variable Star at 22.6h, Magnitude=4.4mag Type=EB

Max=3.2mag Period=12.9days Epoch=2002 RA=18h50.1m Dec=+33°22'

del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP

Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Tuesday 25 July 2017

DV Aqr Minimum of Variable Star at 21.8h, Magnitude=6.2mag Type=EB/DS

Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

23h28m V1143 Cyg Minimum of Variable Star at 20h28m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 18h39m and ends at 22h19m

Friday 28 July 2017

1.8h bet Per Minimum of Variable Star at 22.8h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 21h24m and ends at 0h09m

2h02m YZ Cas Minimum of Variable Star at 23h02m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 15h01m and ends at 7h06m

u Her Minimum of Variable Star at 12.6h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 5h43m and ends at 19h30m

del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP

Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Saturday 29 July 2017

1h36m WW Aur Minimum of Variable Star at 22h36m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 19h35m and ends at 1h38m

Sunday 30 July 2017

21.9h u Her Minimum of Variable Star at 13.8h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 6h57m and ends at 20h44m
22.6h bet Per Minimum of Variable Star at 19.6h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 18h12m and ends at 20h57m

# **АВГУСТ**

Tuesday 1 August 2017

0h24m II Peg MAXIMUM of Variable Star, Magnitude=7.2mag Type=RS
Minimum=7.8mag Period= 6.7days Epoch=2002 RA=23h55.0m Dec=+28°38'
21.9h u Her Minimum of Variable Star at 15.0h, Magnitude=5.4mag Type=EA/SD
Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'
Eclipse begins at about 8h11m and ends at 21h58m

Wednesday 2 August 2017

0.8h AR Aur Minimum of Variable Star at 21.8h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46′ Eclipse begins at about 18h20m and ends at 1h17m

Thursday 3 August 2017

2h47m WW Aur Minimum of Variable Star at 23h47m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'
Eclipse begins at about 20h47m and ends at 2h50m
21.9h u Her Minimum of Variable Star at 16.3h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'
Eclipse begins at about 9h24m and ends at 23h11m
22.2h U Oph Minimum of Variable Star at 19.2h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec=+1°13'
Eclipse begins at about 15h59m and ends at 22h25m

Saturday 5 August 2017

1.5h DV Aqr Minimum of Variable Star at 22.5h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period=1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'
1h45m HU Tau Minimum of Variable Star at 22h45m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period=2.1days Epoch=2002 RA=4h38.3m Dec=+20°41'
Eclipse begins at about 19h04m and ends at 2h29m
21.9h u Her Minimum of Variable Star at 17.5h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period=2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'
Eclipse begins at about 10h38m and ends at 0h25m

Sunday 6 August 2017

0.2h bet Lyr Minimum of Variable Star at 21.2h, Magnitude=4.4mag Type=EB

Max=3.2mag Period=12.9days Epoch=2002 RA=18h50.1m Dec=+33°22'

0h27m YZ Cas Minimum of Variable Star at 21h27m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 13h26m and ends at 5h31m

Monday 7 August 2017

3h06m HU Tau Minimum of Variable Star at 0h06m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 20h25m and ends at 3h49m

21.9h u Her Minimum of Variable Star at 18.7h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 11h51m and ends at 1h38m

S CrB MAXIMUM of Variable Star, Magnitude=5.8mag Type=M

Tuesday 8 August 2017

23.0h U Oph Minimum of Variable Star at 20.0h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 16h45m and ends at 23h12m

Wednesday 9 August 2017

R Ser MAXIMUM of Variable Star, Magnitude=5.2mag Type=M Minimum=14.4mag Period=356.4days Epoch=2002 RA=15h50.7m Dec=+15°08'

Minimum=14.1mag Period=360.3days Epoch=2002 RA=15h21.4m Dec=+31°22'

23.0h u Her Minimum of Variable Star at 20.0h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 13h05m and ends at 2h52m

Thursday 10 August 2017

1.4h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Saturday 12 August 2017

0.2h u Her Minimum of Variable Star at 21.2h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 14h19m and ends at 4h06m

T Cep MAXIMUM of Variable Star, Magnitude=5.2mag Type=M
Minimum=11.3mag Period=388.1days Epoch=2003 RA=21h09.5m Dec=+68°29'
22.5h DV Aqr Minimum of Variable Star at 19.5h, Magnitude=6.2mag Type=EB/DS
Max=5.9mag Period=1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

Sunday 13 August 2017

23.7h U Oph Minimum of Variable Star at 20.7h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 17h32m and ends at 23h58m

Monday 14 August 2017

1.4h u Her Minimum of Variable Star at 22.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 15h32m and ends at 5h19m 2.0h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25′ 22h52m YZ Cas Minimum of Variable Star at 19h52m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59′ Eclipse begins at about 11h51m and ends at 3h56m 23.4h AG Per Minimum of Variable Star at 20.4h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27′ Eclipse begins at about 17h28m and ends at 23h19m

Wednesday 16 August 2017

2.1h DV Aqr Minimum of Variable Star at 23.1h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'
2.6h u Her Minimum of Variable Star at 23.6h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'
Eclipse begins at about 16h46m and ends at 6h33m

Thursday 17 August 2017

O.1h AG Per Minimum of Variable Star at 21.1h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 18h09m and ends at 24h00m

3.4h bet Per Minimum of Variable Star at 0.4h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 23h04m and ends at 1h49m

21.9h V0436 Per Minimum of Variable Star at 17.0h, Magnitude=5.8mag Type=EA/D

Max=5.5mag Period=25.9days Epoch=1998 RA= 1h52.0m Dec=+55°09'

Eclipse begins at about 13h56m and ends at 20h09m

21.9h V1143 Cyg Minimum of Variable Star at 18h36m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period=7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 16h47m and ends at 20h27m

Friday 18 August 2017

3.9h u Her Minimum of Variable Star at 0.9h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 18h00m and ends at 7h47m

22.8h bet Lyr Minimum of Variable Star at 19.8h, Magnitude=4.4mag Type=EB Max=3.2mag Period=12.9days Epoch=2002 RA=18h50.1m Dec=+33°22'

Saturday 19 August 2017

0.5h U Oph Minimum of Variable Star at 21.5h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 18h19m and ends at 0h45m 0.7h AG Per Minimum of Variable Star at 21.7h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 18h50m and ends at 0h41m

Sunday 20 August 2017

0.2h bet Per Minimum of Variable Star at 21.2h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 19h52m and ends at 22h37m

Monday 21 August 2017

1.4h AG Per Minimum of Variable Star at 22.4h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 19h31m and ends at 1h22m

Tuesday 22 August 2017

21.8h bet Per Minimum of Variable Star at 18.0h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 16h41m and ends at 19h26m

Wednesday 23 August 2017

2.1h AG Per Minimum of Variable Star at 23.1h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 20h13m and ends at 2h03m

21.8h YZ Cas Minimum of Variable Star at 18h17m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 10h16m and ends at 2h21m

23.2h DV Agr Minimum of Variable Star at 20.2h Magnitude=6.2mag Type=EB/DS

23.2h DV Aqr Minimum of Variable Star at 20.2h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

Friday 25 August 2017

2.8h AG Per Minimum of Variable Star at 23.8h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 20h54m and ends at 2h44m

Saturday 26 August 2017

3.7h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Sunday 27 August 2017

2.8h DV Aqr Minimum of Variable Star at 23.8h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'
3.5h AG Per Minimum of Variable Star at 0.5h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA=4h06.9m Dec=+33°27'
Eclipse begins at about 21h35m and ends at 3h25m
22h16m II Peg MAXIMUM of Variable Star, Magnitude=7.2mag Type=RS
Minimum=7.8mag Period= 6.7days Epoch=2002 RA=23h55.0m Dec=+28°38'

Tuesday 29 August 2017

T Her MAXIMUM of Variable Star, Magnitude=6.8mag Type=M Minimum=13.7mag Period=165.0days Epoch=2002 RA=18h09.1m Dec=+31°01'

Wednesday 30 August 2017

4.3h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period=5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'
23.3h AR Aur Minimum of Variable Star at 20.3h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period=4.1days Epoch=2008 RA=5h18.3m Dec=+33°46'
Eclipse begins at about 16h54m and ends at 23h50m

Thursday 31 August 2017

21.4h bet Lyr Minimum of Variable Star at 18.4h, Magnitude=4.4mag Type=EB Max=3.2mag Period=12.9days Epoch=2002 RA=18h50.1m Dec=+33°22'

# СЕНТЯБРЬ

Friday 1 September 2017

21.8h YZ Cas Minimum of Variable Star at 16h42m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 8h41m and ends at 0h46m

Saturday 2 September 2017

4h21m V1143 Cyg Minimum of Variable Star at 1h21m, Magnitude=6.4mag Type=EA/DM Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58' Eclipse begins at about 23h32m and ends at 3h12m

Sunday 3 September 2017

23.9h DV Aqr Minimum of Variable Star at 20.9h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

Monday 4 September 2017

2.6h AR Aur Minimum of Variable Star at 23.6h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 20h07m and ends at 3h04m 4h15m VV Ori Minimum of Variable Star at 1h15m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 21h42m and ends at 4h50m U Oph Minimum of Variable Star at 16.1h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13'

Tuesday 5 September 2017

Eclipse begins at about 12h54m and ends at 19h21m

del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Wednesday 6 September 2017

4h13m AR Lac Minimum of Variable Star at 1h13m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 21h40m and ends at 4h49m Minimum of Variable Star at 2.1h, Magnitude=3.4mag Type=EA/SD bet Per Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 0h44m and ends at 3h29m 23h18m HU Tau Minimum of Variable Star at 20h18m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 16h37m and ends at 0h01m

Thursday 7 September 2017

3h32m VV Ori Minimum of Variable Star at 0h32m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 20h59m and ends at 4h07m

T Cam MAXIMUM of Variable Star, Magnitude=7.3mag Type=M Minimum=14.4mag Period=373.2days Epoch=2002 RA=4h40.1m Dec=+66°09' u Her Minimum of Variable Star at 13.1h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 6h16m and ends at 20h03m

Friday 8 September 2017

3h49m AR Lac Minimum of Variable Star at 0h49m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 21h16m and ends at 4h24m

Saturday 9 September 2017 0h39m HU Tau Minimum of Variable Star at 21h39m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 17h58m and ends at 1h22m bet Per Minimum of Variable Star at 22.9h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 21h32m and ends at 0h17m u Her Minimum of Variable Star at 14.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 7h30m and ends at 21h17m U Oph Minimum of Variable Star at 16.9h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec= +1°13' Eclipse begins at about 13h41m and ends at 20h08m del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' 23h44m WW Aur Minimum of Variable Star at 20h44m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 17h43m and ends at 23h47m

Sunday 10 September 2017

2h50m VV Ori Minimum of Variable Star at 23h50m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 20h17m and ends at 3h25m 3h25m AR Lac Minimum of Variable Star at 0h25m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 20h52m and ends at 4h00m YZ Cas Minimum of Variable Star at 15h07m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 7h06m and ends at 23h11m

Monday 11 September 2017

2h00m HU Tau Minimum of Variable Star at 23h00m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 19h19m and ends at 2h43m Minimum of Variable Star at 15.6h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 8h43m and ends at 22h30m bet Per Minimum of Variable Star at 19.7h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Tuesday 12 September 2017

3h01m AR Lac Minimum of Variable Star at 0h01m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 20h28m and ends at 3h36m

Wednesday 13 September 2017

2h07m VV Ori Minimum of Variable Star at 23h07m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 19h34m and ends at 2h42m

3h20m HU Tau Minimum of Variable Star at 0h20m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 20h39m and ends at 4h04m

21.7h u Her Minimum of Variable Star at 16.8h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 9h57m and ends at 23h44m

Thursday 14 September 2017

2h36m AR Lac Minimum of Variable Star at 23h36m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'
Eclipse begins at about 20h03m and ends at 3h12m
2.9h V1031 Ori Minimum of Variable Star at 23.9h, Magnitude=6.4mag Type=EA/DM
Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'
Eclipse begins at about 23h29m and ends at 0h19m

21.7h U Oph Minimum of Variable Star at 17.7h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 14h28m and ends at 20h54m

Friday 15 September 2017

0.6h DV Aqr Minimum of Variable Star at 21.6h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'
0h55m WW Aur Minimum of Variable Star at 21h55m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'
Eclipse begins at about 18h54m and ends at 0h58m
4h41m HU Tau Minimum of Variable Star at 1h41m, Magnitude=6.7mag Type=EA/SD:
Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'
Eclipse begins at about 22h00m and ends at 5h24m
21.7h u Her Minimum of Variable Star at 18.0h, Magnitude=5.4mag Type=EA/SD
Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'
Eclipse begins at about 11h10m and ends at 0h57m

Saturday 16 September 2017

1h25m VV Ori Minimum of Variable Star at 22h25m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 18h52m and ends at 2h00m

2h12m AR Lac Minimum of Variable Star at 23h12m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 19h39m and ends at 2h48m

U Cyo MAXIMUM of Variable Star Magnitude=5 9mag Type=M

U Cyg MAXIMUM of Variable Star, Magnitude=5.9mag Type=M Minimum=12.1mag Period=463.2days Epoch=2001 RA=20h19.6m Dec=+47°54'

Sunday 17 September 2017

21. Deg MAXIMUM of Variable Star, Magnitude=7.2mag Type=RS Minimum=7.8mag Period= 6.7days Epoch=2002 RA=23h55.0m Dec=+28°38' 22.3h u Her Minimum of Variable Star at 19.3h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 12h24m and ends at 2h11m

Monday 18 September 2017

1h48m AR Lac Minimum of Variable Star at 22h48m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 19h15m and ends at 2h23m

Tuesday 19 September 2017

0h42m VV Ori Minimum of Variable Star at 21h42m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 18h09m and ends at 1h17m 21.7h YZ Cas Minimum of Variable Star at 13h32m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'
Eclipse begins at about 5h31m and ends at 21h36m
21.7h U Oph Minimum of Variable Star at 18.4h, Magnitude=6.6mag Type=EA/DM

Max=5.8mag Period= 1.7days Epoch=2004 RA=17h16.5m Dec=+1°13' Eclipse begins at about 15h15m and ends at 21h41m

23.5h u Her Minimum of Variable Star at 20.5h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 13h38m and ends at 3h25m

Wednesday 20 September 2017

AR Lac Minimum of Variable Star at 22h24m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 18h51m and ends at 1h59m

2h06m WW Aur Minimum of Variable Star at 23h06m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 20h06m and ends at 2h09m

RR Lyn Minimum of Variable Star at 1.2h, Magnitude=6.0mag Type=EA/DM

Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'

Eclipse begins at about 20h24m and ends at 5h57m

Thursday 21 September 2017

23.7h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP

Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Friday 22 September 2017

u Her Minimum of Variable Star at 21.7h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 14h51m and ends at 4h38m

1h00m AR Lac Minimum of Variable Star at 22h00m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 18h27m and ends at 1h35m

R Cam MAXIMUM of Variable Star, Magnitude=7.0mag Type=M

Minimum=14.4mag Period=270.2days Epoch=2002 RA=14h17.9m Dec=+83°50'

DV Aqr Minimum of Variable Star at 18.7h, Magnitude=6.2mag Type=EB/DS

Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

Sunday 24 September 2017

0h35m AR Lac Minimum of Variable Star at 21h35m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 18h02m and ends at 1h11m

u Her Minimum of Variable Star at 23.0h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 16h05m and ends at 5h52m

3h45m YZ Cas Minimum of Variable Star at 0h45m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 16h43m and ends at 8h48m

21.6h AR Aur Minimum of Variable Star at 15.7h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 12h14m and ends at 19h10m

22.2h U Oph Minimum of Variable Star at 19.2h, Magnitude=6.6mag Type=EA/DM Max=5.8mag Period=1.7days Epoch=2004 RA=17h16.5m Dec=+1°13'

Eclipse begins at about 16h01m and ends at 22h28m

Monday 25 September 2017

2h29m V1143 Cyg Minimum of Variable Star at 23h29m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 21h41m and ends at 1h21m

3h18m WW Aur Minimum of Variable Star at 0h18m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 21h17m and ends at 3h21m

Tuesday 26 September 2017

Ohl 1m AR Lac Minimum of Variable Star at 21h11m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 17h38m and ends at 0h46m

0.3h del Cep Minimum of Variable Star , Magnitude=4.4mag Type=DCEP Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

3.2h u Her Minimum of Variable Star at 0.2h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 17h19m and ends at 7h06m

Wednesday 27 September 2017

23h47m AR Lac Minimum of Variable Star at 20h47m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 17h14m and ends at 0h22m

Thursday 28 September 2017

AR Aur Minimum of Variable Star at 18.9h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 15h27m and ends at 22h24m

Friday 29 September 2017

bet Per Minimum of Variable Star at 0.6h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 23h13m and ends at 1h58m 23h23m AR Lac Minimum of Variable Star at 20h23m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 16h50m and ends at 23h58m

Saturday 30 September 2017

2.8h RR Lyn Minimum of Variable Star at 23.8h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'

Eclipse begins at about 19h04m and ends at 4h37m

4h29m WW Aur Minimum of Variable Star at 1h29m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 22h28m and ends at 4h32m

#### ОКТЯБРЬ

Sunday 1 October 2017

Observer Site User Site, Russian Federation

WGS84: Lon: +38d00m00.00s Lat: +56d00m00.00s Alt: 194m Geoid Alt: 179m All times in MSK

3.5h V1031 Ori Minimum of Variable Star at 0.5h, Magnitude=6.4mag Type=EA/DM Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'

Eclipse begins at about 0h08m and ends at 0h57m

4.4h R CMa Minimum of Variable Star at 1.4h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 23h23m and ends at 3h28m

22h59m AR Lac Minimum of Variable Star at 19h59m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 16h26m and ends at 23h34m

Monday 2 October 2017

0.4h bet Per Minimum of Variable Star at 21.4h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57′ Eclipse begins at about 20h01m and ends at 22h46m

Tuesday 3 October 2017

1.1h AR Aur Minimum of Variable Star at 22.1h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 18h40m and ends at 1h37m

2h10m YZ Cas Minimum of Variable Star at 23h10m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 15h08m and ends at 7h13m

R Tri MAXIMUM of Variable Star, Magnitude=5.4mag Type=M

Minimum=12.6mag Period=266.9days Epoch=2002 RA= 2h37.0m Dec=+34°16'

R CVn MAXIMUM of Variable Star, Magnitude=6.5mag Type=M Minimum=12.9mag Period=328.5days Epoch=2002 RA=13h49.0m Dec=+39°33'

22.4h DV Aqr Minimum of Variable Star at 19.4h, Magnitude=6.2mag Type=EB/DS

Max=5.9mag Period=1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

22h34m AR Lac Minimum of Variable Star at 19h34m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 16h01m and ends at 23h10m

Wednesday 4 October 2017

21.6h bet Per Minimum of Variable Star at 18.2h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 16h50m and ends at 19h35m

Thursday 5 October 2017

21.6h HU Tau Minimum of Variable Star at 15h09m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 11h28m and ends at 18h52m

22h10m AR Lac Minimum of Variable Star at 19h10m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 15h37m and ends at 22h46m

Friday 6 October 2017

2.6h CD Tau Minimum of Variable Star at 23.6h, Magnitude=7.3mag Type=EA/D

Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 20h21m and ends at 2h57m

X Oph MAXIMUM of Variable Star, Magnitude=5.9mag Type=M

Minimum=9.2mag Period=328.9days Epoch=2002 RA=18h38.4m Dec=+8°50'

Saturday 7 October 2017

4.3h AR Aur Minimum of Variable Star at 1.3h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46′

Eclipse begins at about 21h54m and ends at 4h50m

21.6h HU Tau Minimum of Variable Star at 16h30m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 12h49m and ends at 20h13m 21h46m AR Lac Minimum of Variable Star at 18h46m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 15h13m and ends at 22h21m

Sunday 8 October 2017

del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

Monday 9 October 2017

Minimum of Variable Star at 0.2h, Magnitude=6.3mag Type=EA/SD 3 2h R CMa Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 22h12m and ends at 2h17m HU Tau Minimum of Variable Star at 17h51m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 14h10m and ends at 21h34m

AR Lac Minimum of Variable Star at 18h22m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 14h49m and ends at 21h57m

Tuesday 10 October 2017

RR Lyn Minimum of Variable Star at 22.5h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17' Eclipse begins at about 17h44m and ends at 3h16m

Wednesday 11 October 2017

AR Lac Minimum of Variable Star at 17h58m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 14h25m and ends at 21h33m 22h12m HU Tau Minimum of Variable Star at 19h12m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 15h31m and ends at 22h55m

Thursday 12 October 2017

0h35m YZ Cas Minimum of Variable Star at 21h35m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 13h34m and ends at 5h38m del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' AG Per Minimum of Variable Star at 16.3h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 13h21m and ends at 19h12m WW Aur Minimum of Variable Star at 16h27m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 13h27m and ends at 19h30m

Friday 13 October 2017

AR Lac Minimum of Variable Star at 17h34m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 14h01m and ends at 21h09m 23h33m HU Tau Minimum of Variable Star at 20h33m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 16h52m and ends at 0h16m

Saturday 14 October 2017

0h36m II Peg MAXIMUM of Variable Star, Magnitude=7.2mag Type=RS Minimum=7.8mag Period= 6.7days Epoch=2002 RA=23h55.0m Dec=+28°38' AG Per Minimum of Variable Star at 16.9h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 14h02m and ends at 19h53m DV Aqr Minimum of Variable Star at 20.1h, Magnitude=6.2mag Type=EB/DS Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

Sunday 15 October 2017

AR Lac Minimum of Variable Star at 17h10m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 13h36m and ends at 20h45m

Monday 16 October 2017

0h53m HU Tau Minimum of Variable Star at 21h53m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 18h12m and ends at 1h37m

V CVn MAXIMUM of Variable Star, Magnitude=6.5mag Type=SRA Minimum=8.6mag Period=191.9days Epoch=2002 RA=13h19.5m Dec=+45°32' u Her Minimum of Variable Star at 12.5h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 5h35m and ends at 19h22m AG Per Minimum of Variable Star at 17.6h, Magnitude=7.0mag Type=EA/DM 21.5h Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 14h43m and ends at 20h34m

Tuesday 17 October 2017

VV Ori Minimum of Variable Star at 2h59m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 23h26m and ends at 6h34m

khi Cyg MAXIMUM of Variable Star, Magnitude=3.3mag Type=M

Minimum=14.2mag Period=408.1days Epoch=2002 RA=19h50.6m Dec=+32°55'

AR Lac Minimum of Variable Star at 16h45m, Magnitude=6.8mag Type=EA/AR/RS 21.5h

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 13h12m and ends at 20h21m

WW Aur Minimum of Variable Star at 17h39m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 14h38m and ends at 20h42m

Wednesday 18 October 2017

0h38m V1143 Cyg Minimum of Variable Star at 21h38m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 19h49m and ends at 23h29m

HU Tau Minimum of Variable Star at 23h14m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 19h33m and ends at 2h58m

V1031 Ori Minimum of Variable Star at 1.2h, Magnitude=6.4mag Type=EA/DM

Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'

Eclipse begins at about 0h46m and ends at 1h35m

R CMa Minimum of Variable Star at 2.3h, Magnitude=6.3mag Type=EA/SD 5 3h

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 0h17m and ends at 4h23m

X Mon MAXIMUM of Variable Star, Magnitude=6.8mag Type=SRA

Minimum=10.2mag Period=155.8days Epoch=2001 RA=6h57.2m Dec=-9°04'

u Her Minimum of Variable Star at 13.7h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 6h48m and ends at 20h35m

AG Per Minimum of Variable Star at 18.3h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 15h25m and ends at 21h15m

Thursday 19 October 2017

bet Per Minimum of Variable Star at 2.2h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 0h54m and ends at 3h39m

AR Lac Minimum of Variable Star at 16h21m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 12h48m and ends at 19h57m

Friday 20 October 2017

RR Lyn Minimum of Variable Star at 21.1h, Magnitude=6.0mag Type=EA/DM

Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'

Eclipse begins at about 16h23m and ends at 1h56m

3h35m HU Tau Minimum of Variable Star at 0h35m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 20h54m and ends at 4h18m

VV Ori Minimum of Variable Star at 2h16m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period=1.5days Epoch=2002 RA=5h33.5m Dec=-1°09'

Eclipse begins at about 22h43m and ends at 5h51m

R Dra MAXIMUM of Variable Star, Magnitude=6.7mag Type=M Minimum=13.2mag Period=245.6days Epoch=2002 RA=16h32.7m Dec=+66°45'

21.5h u Her Minimum of Variable Star at 14.9h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 8h02m and ends at 21h49m

AG Per Minimum of Variable Star at 19.0h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27

Eclipse begins at about 16h06m and ends at 21h56m

23h00m YZ Cas Minimum of Variable Star at 20h00m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 11h59m and ends at 4h04m

Saturday 21 October 2017

AR Lac Minimum of Variable Star at 15h57m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 12h24m and ends at 19h32m

Sunday 22 October 2017

bet Per Minimum of Variable Star at 23.1h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 21h42m and ends at 0h27m

4h56m HU Tau Minimum of Variable Star at 1h56m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 22h15m and ends at 5h39m

u Her Minimum of Variable Star at 16.1h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 9h16m and ends at 23h03m

21h50m WW Aur Minimum of Variable Star at 18h50m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 15h50m and ends at 21h53m

LY Aur Minimum of Variable Star at 19.2h, Magnitude=7.3mag Type=EB/SD: 22.2h

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

AG Per Minimum of Variable Star at 19.7h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 16h47m and ends at 22h38m

# Monday 23 October 2017

4h34m VV Ori Minimum of Variable Star at 1h34m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 22h01m and ends at 5h09m

AR Lac Minimum of Variable Star at 15h33m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 12h00m and ends at 19h08m

#### Tuesday 24 October 2017

4.4h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

u Her Minimum of Variable Star at 17.4h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 10h29m and ends at 0h16m

bet Per Minimum of Variable Star at 19.9h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 18h31m and ends at 21h16m

AG Per Minimum of Variable Star at 20.4h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 17h28m and ends at 23h19m

#### Wednesday 25 October 2017

AR Lac Minimum of Variable Star at 15h09m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 11h36m and ends at 18h44m

# Thursday 26 October 2017

3h51m VV Ori Minimum of Variable Star at 0h51m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period=1.5days Epoch=2002 RA=5h33.5m Dec=-1°09'

Eclipse begins at about 21h18m and ends at 4h26m

R CMa Minimum of Variable Star at 1.1h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 23h07m and ends at 3h12m

R Lyn MAXIMUM of Variable Star, Magnitude=7.2mag Type=M

Minimum=14.3mag Period=378.8days Epoch=2002 RA=7h01.3m Dec=+55°20'

S Peg MAXIMUM of Variable Star, Magnitude=6.9mag Type=M Minimum=13.8mag Period=319.2days Epoch=2002 RA=23h20.5m Dec=+8°55'

u Her Minimum of Variable Star at 18.6h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 11h43m and ends at 1h30m

LY Aur Minimum of Variable Star at 19.2h, Magnitude=7.3mag Type=EB/SD:

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

# Friday 27 October 2017

AG Per Minimum of Variable Star at 21.1h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 18h10m and ends at 0h00m

AR Aur Minimum of Variable Star at 17.5h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 14h01m and ends at 20h57m

23h02m WW Aur Minimum of Variable Star at 20h02m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 17h01m and ends at 23h05m

# Saturday 28 October 2017

del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP

Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

u Her Minimum of Variable Star at 19.8h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 12h56m and ends at 2h43m

0.7h AG Per Minimum of Variable Star at 21.7h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 18h51m and ends at 0h41m

3h09m VV Ori Minimum of Variable Star at 0h09m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 20h36m and ends at 3h44m

5.2h UW CMa Minimum of Variable Star at 2.2h, Magnitude=5.3mag Type=EB/KE: Max=4.8mag Period= 4.4days Epoch=2002 RA= 7h18.7m Dec=-24°34'

21.5h YZ Cas Minimum of Variable Star at 18h25m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period=4.5days Epoch=2002 RA=0h45.7m Dec=+74°59'

Eclipse begins at about 10h24m and ends at 2h29m

22.8h RR Lyn Minimum of Variable Star at 19.8h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17' Eclipse begins at about 15h03m and ends at 0h36m

#### Monday 30 October 2017

3.7h CD Tau Minimum of Variable Star at 0.7h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA=5h17.5m Dec=+20°08' Eclipse begins at about 21h25m and ends at 4h00m 22.3h LY Aur Minimum of Variable Star at 19.3h, Magnitude=7.3mag Type=EB/SD:

22.3h LY Aur Minimum of Variable Star at 19.3h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

#### Tuesday 31 October 2017

0.0h u Her Minimum of Variable Star at 21.0h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 14h10m and ends at 3h57m

1.4h AG Per Minimum of Variable Star at 22.4h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 19h32m and ends at 1h23m

R Aql MAXIMUM of Variable Star, Magnitude=5.5mag Type=M
Minimum=12.0mag Period=284.2days Epoch=2002 RA=19h06.4m Dec=+8°14'
23.7h AR Aur Minimum of Variable Star at 20.7h, Magnitude=6.8mag Type=EA/DM
Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'
Eclipse begins at about 17h14m and ends at 0h11m

# НОЯБРЬ

Wednesday 1 November 2017

2h26m VV Ori Minimum of Variable Star at 23h26m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 19h54m and ends at 3h01m

# Thursday 2 November 2017

0h13m WW Aur Minimum of Variable Star at 21h13m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 18h12m and ends at 0h16m

1.3h u Her Minimum of Variable Star at 22.3h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06′ Eclipse begins at about 15h24m and ends at 5h11m

2.1h AG Per Minimum of Variable Star at 23.1h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 20h13m and ends at 2h04m

# Friday 3 November 2017

3.0h R CMa Minimum of Variable Star at 24.0h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'
Eclipse begins at about 21h56m and ends at 2h02m
22.0h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'
22.3h LY Aur Minimum of Variable Star at 19.3h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

# Saturday 4 November 2017

1h44m VV Ori Minimum of Variable Star at 22h44m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 19h11m and ends at 2h19m

2.8h AG Per Minimum of Variable Star at 23.8h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 20h55m and ends at 2h45m

4.8h V1031 Ori Minimum of Variable Star at 1.8h, Magnitude=6.4mag Type=EA/DM Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32' Eclipse begins at about 1h24m and ends at 2h13m

6.2h R CMa Minimum of Variable Star at 3.2h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 1h12m and ends at 5h17m

AR Aur Minimum of Variable Star at 23.9h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 20h28m and ends at 3h24m

#### Monday 6 November 2017

CD Tau Minimum of Variable Star at 21.6h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08' Eclipse begins at about 18h17m and ends at 0h53m

AG Per Minimum of Variable Star at 0.5h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 21h36m and ends at 3h26m

# Tuesday 7 November 2017

1h02m VV Ori Minimum of Variable Star at 22h02m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 18h29m and ends at 1h37m

1h24m WW Aur Minimum of Variable Star at 22h24m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 19h24m and ends at 1h27m

YZ Cas Minimum of Variable Star at 16h51m, Magnitude=6.1mag Type=EA/DM 21.5h Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 8h49m and ends at 0h54m

LY Aur Minimum of Variable Star at 19.4h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP

Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

#### Wednesday 8 November 2017

AG Per Minimum of Variable Star at 1.2h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 22h17m and ends at 4h08m u Her Minimum of Variable Star at 1.9h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 19h04m and ends at 8h51m

bet Per Minimum of Variable Star at 3.9h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 2h35m and ends at 5h20m

RR Lyn Minimum of Variable Star at 18.5h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17' Eclipse begins at about 13h43m and ends at 23h16m

## Thursday 9 November 2017

AR Aur Minimum of Variable Star at 3.1h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period=4.1days Epoch=2008 RA=5h18.3m Dec=+33°46' Eclipse begins at about 23h41m and ends at 6h38m 6.8h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' 22h32m II Peg MAXIMUM of Variable Star, Magnitude=7.2mag Type=RS Minimum=7.8mag Period= 6.7days Epoch=2002 RA=23h55.0m Dec=+28°38' 22h47m V1143 Cyg Minimum of Variable Star at 19h47m, Magnitude=6.4mag Type=EA/DM Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58' Eclipse begins at about 17h58m and ends at 21h38m

## Friday 10 November 2017

0h19m VV Ori Minimum of Variable Star at 21h19m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 17h46m and ends at 0h54m AG Per Minimum of Variable Star at 1.9h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 22h58m and ends at 4h49m

6.2h u Her Minimum of Variable Star at 3.2h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 20h18m and ends at 10h05m

# Saturday 11 November 2017

V1031 Ori Minimum of Variable Star at 21.2h, Magnitude=6.4mag Type=EA/DM 0.2h Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32' Eclipse begins at about 20h52m and ends at 21h41m

Minimum of Variable Star at 22.8h, Magnitude=6.3mag Type=EA/SD R CMa Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 20h46m and ends at 0h51m

bet Per Minimum of Variable Star at 0.8h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 23h24m and ends at 2h09m

HU Tau Minimum of Variable Star at 15h25m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 11h44m and ends at 19h08m

LY Aur Minimum of Variable Star at 19.4h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

Sunday 12 November 2017

2h36m WW Aur Minimum of Variable Star at 23h36m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 20h35m and ends at 2h39m

5.1h R CMa Minimum of Variable Star at 2.1h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 0h02m and ends at 4h07m

5.6h AG Per Minimum of Variable Star at 2.6h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 23h40m and ends at 5h30m

23h37m VV Ori Minimum of Variable Star at 20h37m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 17h04m and ends at 0h12m

# Monday 13 November 2017

21.6h HU Tau Minimum of Variable Star at 16h46m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 13h05m and ends at 20h29m

21.6h DV Aqr Minimum of Variable Star at 18.6h, Magnitude=6.2mag Type=EB/DS

Max=5.9mag Period= 1.6days Epoch=2002 RA=20h58.7m Dec=-14°29'

#### Tuesday 14 November 2017

0.6h bet Per Minimum of Variable Star at 21.6h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 20h13m and ends at 22h58m

6.3h AG Per Minimum of Variable Star at 3.3h, Magnitude=7.0mag Type=EA/DM

Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27'

Eclipse begins at about 0h21m and ends at 6h12m

#### Wednesday 15 November 2017

21.6h HU Tau Minimum of Variable Star at 18h07m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 14h26m and ends at 21h50m

22.5h LY Aur Minimum of Variable Star at 19.5h, Magnitude=7.3mag Type=EB/SD:

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

22h55m VV Ori Minimum of Variable Star at 19h55m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 16h22m and ends at 23h30m

## Thursday 16 November 2017

21.6h YZ Cas Minimum of Variable Star at 15h16m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 7h15m and ends at 23h20m

21.6h bet Per Minimum of Variable Star at 18.4h, Magnitude=3.4mag Type=EA/SD

Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57'

Eclipse begins at about 17h02m and ends at 19h47m

## Friday 17 November 2017

3h48m WW Aur Minimum of Variable Star at 0h48m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 21h47m and ends at 3h50m

22h28m HU Tau Minimum of Variable Star at 19h28m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 15h47m and ends at 23h11m

# Saturday 18 November 2017

21.6h RR Lyn Minimum of Variable Star at 17.1h, Magnitude=6.0mag Type=EA/DM

Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'

Eclipse begins at about 12h23m and ends at 21h56m

22h12m VV Ori Minimum of Variable Star at 19h12m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 15h40m and ends at 22h47m

# Sunday 19 November 2017

0.6h R CMa Minimum of Variable Star at 21.6h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 19h36m and ends at 23h41m

21.6h CD Tau Minimum of Variable Star at 15.3h, Magnitude=7.3mag Type=EA/D

Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 12h03m and ends at 18h38m

22.5h LY Aur Minimum of Variable Star at 19.5h, Magnitude=7.3mag Type=EB/SD:

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

23h49m HU Tau Minimum of Variable Star at 20h49m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 17h08m and ends at 0h32m

Monday 20 November 2017

0.4h del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

R CMa Minimum of Variable Star at 0.9h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 22h51m and ends at 2h57m

UW CMa Minimum of Variable Star at 1.3h, Magnitude=5.3mag Type=EB/KE:

Max=4.8mag Period= 4.4days Epoch=2002 RA= 7h18.7m Dec=-24°34'

# Tuesday 21 November 2017

V1031 Ori Minimum of Variable Star at 2.4h, Magnitude=6.4mag Type=EA/DM

Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'

Eclipse begins at about 2h03m and ends at 2h52m

5h29m YZ Cas Minimum of Variable Star at 2h29m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 18h28m and ends at 10h33m

VV Ori Minimum of Variable Star at 18h30m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 14h57m and ends at 22h05m

#### Wednesday 22 November 2017

1h10m HU Tau Minimum of Variable Star at 22h10m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 18h29m and ends at 1h53m

4h59m WW Aur Minimum of Variable Star at 1h59m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 22h58m and ends at 5h02m

## Thursday 23 November 2017

CD Tau Minimum of Variable Star at 1.8h, Magnitude=7.3mag Type=EA/D

Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 22h29m and ends at 5h05m

LY Aur Minimum of Variable Star at 19.6h, Magnitude=7.3mag Type=EB/SD:

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

#### Friday 24 November 2017

del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP

Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25'

2h31m HU Tau Minimum of Variable Star at 23h31m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 19h50m and ends at 3h14m

VV Ori Minimum of Variable Star at 17h48m, Magnitude=5.7mag Type=EA/KE: 21.6h

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 14h15m and ends at 21h23m

# Saturday 25 November 2017

5h33m V1143 Cyg Minimum of Variable Star at 2h33m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 0h44m and ends at 4h24m

YZ Cas Minimum of Variable Star at 13h42m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 5h40m and ends at 21h45m

AR Aur Minimum of Variable Star at 16.1h, Magnitude=6.8mag Type=EA/DM

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46'

Eclipse begins at about 12h36m and ends at 19h33m

#### Sunday 26 November 2017

3h52m HU Tau Minimum of Variable Star at 0h52m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 21h11m and ends at 4h35m

u Her Minimum of Variable Star at 13.0h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 6h06m and ends at 19h53m

# Monday 27 November 2017

6h11m WW Aur Minimum of Variable Star at 3h11m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 0h10m and ends at 6h14m

VV Ori Minimum of Variable Star at 17h05m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 13h33m and ends at 20h40m

LY Aur Minimum of Variable Star at 19.6h, Magnitude=7.3mag Type=EB/SD:

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

#### Tuesday 28 November 2017

V1031 Ori Minimum of Variable Star at 21.9h, Magnitude=6.4mag Type=EA/DM

Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32' Eclipse begins at about 21h31m and ends at 22h20m Minimum of Variable Star at 23.7h, Magnitude=6.3mag Type=EA/SD 2.7h R CMa Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 21h41m and ends at 1h46m 5h13m HU Tau Minimum of Variable Star at 2h13m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 22h32m and ends at 5h56m Minimum of Variable Star at 14.2h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 7h20m and ends at 21h07m

Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17'

Eclipse begins at about 11h03m and ends at 20h36m

Eclipse begins at about 12h50m and ends at 19h58m

RR Lyn Minimum of Variable Star at 15.8h, Magnitude=6.0mag Type=EA/DM

Wednesday 29 November 2017

R CMa Minimum of Variable Star at 3.0h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 0h57m and ends at 5h02m WW Aur Minimum of Variable Star at 15h47m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 12h46m and ends at 18h50m 22.3h AR Aur Minimum of Variable Star at 19.3h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 15h49m and ends at 22h46m

Thursday 30 November 2017 CD Tau Minimum of Variable Star at 22.6h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08' Eclipse begins at about 19h22m and ends at 1h58m 3h55m YZ Cas Minimum of Variable Star at 0h55m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 16h53m and ends at 8h58m 6h34m HU Tau Minimum of Variable Star at 3h34m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 23h53m and ends at 7h18m T Aqr MAXIMUM of Variable Star, Magnitude=7.2mag Type=M Minimum=14.2mag Period=202.1days Epoch=2002 RA=20h49.9m Dec=-5°09' u Her Minimum of Variable Star at 15.4h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 8h33m and ends at 22h20m VV Ori Minimum of Variable Star at 16h23m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period=1.5days Epoch=2002 RA=5h33.5m Dec=-1°09'

# **ДЕКАБРЬ**

Friday 1 December 2017 bet Per Minimum of Variable Star at 2.5h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 1h07m and ends at 3h52m MAXIMUM of Variable Star, Magnitude=6.9mag Type=M Minimum=13.4mag Period=228.8days Epoch=2002 RA=23h11.7m Dec=+59°42' LY Aur Minimum of Variable Star at 19.7h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

Saturday 2 December 2017 7h22m WW Aur Minimum of Variable Star at 4h22m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 1h22m and ends at 7h25m RT Cyg MAXIMUM of Variable Star, Magnitude=6.0mag Type=M Minimum=13.1mag Period=190.3days Epoch=2002 RA=19h43.6m Dec=+48°47' Minimum of Variable Star at 16.6h, Magnitude=5.4mag Type=EA/SD n Her Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 9h47m and ends at 23h34m V1143 Cyg Minimum of Variable Star at 17h56m, Magnitude=6.4mag Type=EA/DM Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Sunday 3 December 2017

Eclipse begins at about 16h07m and ends at 19h47m

RU Her MAXIMUM of Variable Star, Magnitude=6.8mag Type=M Minimum=14.3mag Period=484.8days Epoch=2002 RA=16h10.3m Dec=+25°04' VV Ori Minimum of Variable Star at 15h41m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 12h08m and ends at 19h16m

Monday 4 December 2017

Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 19h03m and ends at 2h00m Minimum of Variable Star at 23.3h, Magnitude=3.4mag Type=EA/SD 2.3h bet Per Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 21h56m and ends at 0h41m WW Aur Minimum of Variable Star at 16h58m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 13h58m and ends at 20h01m Minimum of Variable Star at 17.9h, Magnitude=5.4mag Type=EA/SD Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 11h00m and ends at 0h47m

#### Tuesday 5 December 2017

Minimum of Variable Star at 3h20m, Magnitude=5.7mag Type=EA/KE: 6h20m VV Ori Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 23h47m and ends at 6h55m LY Aur Minimum of Variable Star at 19.8h, Magnitude=7.3mag Type=EB/SD:

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

# Wednesday 6 December 2017

R CMa Minimum of Variable Star at 22.5h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 20h31m and ends at 0h36m del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period=5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' u Her Minimum of Variable Star at 19.1h, Magnitude=5.4mag Type=EA/SD 22.1h Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 12h14m and ends at 2h00m CD Tau Minimum of Variable Star at 19.5h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08' Eclipse begins at about 16h15m and ends at 22h51m bet Per Minimum of Variable Star at 20.1h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 18h45m and ends at 21h30m

# Thursday 7 December 2017

R CMa Minimum of Variable Star at 1.8h, Magnitude=6.3mag Type=EA/SD 4 8h Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 23h46m and ends at 3h52m

#### Friday 8 December 2017

AR Aur Minimum of Variable Star at 1.7h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 22h17m and ends at 5h14m 5h38m VV Ori Minimum of Variable Star at 2h38m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period=1.5days Epoch=2002 RA=5h33.5m Dec=-1°09' Eclipse begins at about 23h05m and ends at 6h13m RR Lyn Minimum of Variable Star at 14.5h, Magnitude=6.0mag Type=EA/DM Max=5.5mag Period= 9.9days Epoch=2002 RA= 6h26.4m Dec=+56°17' Eclipse begins at about 9h44m and ends at 19h16m

# Saturday 9 December 2017

V Mon MAXIMUM of Variable Star, Magnitude=6.0mag Type=M Minimum=13.9mag Period=340.5days Epoch=2002 RA=6h22.7m Dec=-2°12' 2h20m YZ Cas Minimum of Variable Star at 23h20m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 15h19m and ends at 7h24m WW Aur Minimum of Variable Star at 18h10m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 15h09m and ends at 21h13m LY Aur Minimum of Variable Star at 19.8h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

# Sunday 10 December 2017

 $del\ Cep \quad \ Minimum\ of\ Variable\ Star\ ,\ Magnitude = 4.4mag\ \ Type = DCEP$ 3.4h Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' U Cet MAXIMUM of Variable Star, Magnitude=6.8mag Type=M Minimum=13.4mag Period=234.8days Epoch=2002 RA= 2h33.7m Dec=-13°09' MAXIMUM of Variable Star, Magnitude=7.2mag Type=M U Ari Minimum=15.2mag Period=371.1days Epoch=2003 RA= 3h11.1m Dec=+14°48'

# Monday 11 December 2017

R Lep MAXIMUM of Variable Star, Magnitude=5.5mag Type=M Minimum=11.7mag Period=427.1days Epoch=2002 RA=4h59.6m Dec=-14°48' 4h56m VV Ori Minimum of Variable Star at 1h56m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 22h23m and ends at 5h31m

Tuesday 12 December 2017

3.5h UW CMa Minimum of Variable Star at 0.5h, Magnitude=5.3mag Type=EB/KE: Max=4.8mag Period=4.4days Epoch=2002 RA=7h18.7m Dec=-24°34'

Wednesday 13 December 2017

21.8h CD Tau Minimum of Variable Star at 16.4h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08'

Eclipse begins at about 13h08m and ends at 19h44m

22.9h LY Aur Minimum of Variable Star at 19.9h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

Thursday 14 December 2017

0.4h R CMa Minimum of Variable Star at 21.4h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period=1.1days Epoch=2008 RA=7h19.5m Dec=-16°24'

Eclipse begins at about 19h20m and ends at 23h26m

4h13m VV Ori Minimum of Variable Star at 1h13m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 21h41m and ends at 4h48m

22h22m WW Aur Minimum of Variable Star at 19h22m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 16h21m and ends at 22h25m

Friday 15 December 2017

1.6h V1031 Ori Minimum of Variable Star at 22.6h, Magnitude=6.4mag Type=EA/DM Max=6.0mag Period= 3.4days Epoch=2008 RA= 5h47.4m Dec=-10°32'

Eclipse begins at about 22h10m and ends at 22h59m

3.0h u Her Minimum of Variable Star at 24.0h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 17h07m and ends at 6h54m

3.6h R CMa Minimum of Variable Star at 0.6h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 22h36m and ends at 2h42m

Sunday 17 December 2017

3h31m VV Ori Minimum of Variable Star at 0h31m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 20h59m and ends at 4h06m

4.2h u Her Minimum of Variable Star at 1.2h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 18h21m and ends at 8h08m

RS Her MAXIMUM of Variable Star, Magnitude=7.0mag Type=M

Minimum=13.0mag Period=219.7days Epoch=2002 RA=17h21.7m Dec=+22°55'

22.9h LY Aur Minimum of Variable Star at 19.9h, Magnitude=7.3mag Type=EB/SD:

Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

Monday 18 December 2017

0h46m YZ Cas Minimum of Variable Star at 21h46m, Magnitude=6.1mag Type=EA/DM

Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59'

Eclipse begins at about 13h45m and ends at 5h50m

3h42m V1143 Cyg Minimum of Variable Star at 0h42m, Magnitude=6.4mag Type=EA/DM

Max=5.8mag Period= 7.6days Epoch=2002 RA=19h38.7m Dec=+54°58'

Eclipse begins at about 22h53m and ends at 2h33m

7h19m AR Lac Minimum of Variable Star at 4h19m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 0h46m and ends at 7h55m

21.8h HU Tau Minimum of Variable Star at 15h44m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 12h03m and ends at 19h27m

Tuesday 19 December 2017

5.4h u Her Minimum of Variable Star at 2.4h, Magnitude=5.4mag Type=EA/SD

Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06'

Eclipse begins at about 19h34m and ends at 9h21m

23h34m WW Aur Minimum of Variable Star at 20h34m, Magnitude=6.5mag Type=EA/DM

Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27'

Eclipse begins at about 17h33m and ends at 23h37m

Wednesday 20 December 2017

2h49m VV Ori Minimum of Variable Star at 23h49m, Magnitude=5.7mag Type=EA/KE:

Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09'

Eclipse begins at about 20h16m and ends at 3h24m

6h55m AR Lac Minimum of Variable Star at 3h55m, Magnitude=6.8mag Type=EA/AR/RS

Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44'

Eclipse begins at about 0h22m and ends at 7h31m

21.8h HU Tau Minimum of Variable Star at 17h05m, Magnitude=6.7mag Type=EA/SD:

Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41'

Eclipse begins at about 13h24m and ends at 20h49m

Thursday 21 December 2017

Minimum of Variable Star at 3.7h, Magnitude=5.4mag Type=EA/SD u Her Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06' Eclipse begins at about 20h48m and ends at 10h35m

V CrB MAXIMUM of Variable Star, Magnitude=6.9mag Type=M Minimum=12.6mag Period=357.6days Epoch=2002 RA=15h49.5m Dec=+39°34' 7h08m ZZ Boo Minimum of Variable Star at 4h08m, Magnitude=7.4mag Type=EA/DM Max=6.8mag Period= 5.0days Epoch=2002 RA=13h56.2m Dec=+25°55' Eclipse begins at about 0h33m and ends at 7h45m bet Per Minimum of Variable Star at 4.2h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 2h50m and ends at 5h35m

LY Aur Minimum of Variable Star at 20.0h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23' R CMa Minimum of Variable Star at 20.2h, Magnitude=6.3mag Type=EA/SD

Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24'

Eclipse begins at about 18h10m and ends at 22h16m

#### Friday 22 December 2017

del Cep MAXIMUM of Variable Star, Magnitude=3.5mag Type=DCEP Minimum=4.4mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' 6h31m AR Lac Minimum of Variable Star at 3h31m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 23h58m and ends at 7h07m

R Vir MAXIMUM of Variable Star, Magnitude=6.1mag Type=M Minimum=12.1mag Period=145.6days Epoch=2002 RA=12h38.5m Dec=+6°59' AG Per Minimum of Variable Star at 16.4h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 13h28m and ends at 19h19m HU Tau Minimum of Variable Star at 18h27m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 14h46m and ends at 22h10m

#### Saturday 23 December 2017

2h07m VV Ori Minimum of Variable Star at 23h07m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 19h34m and ends at 2h42m R CMa Minimum of Variable Star at 23.5h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 21h26m and ends at 1h32m Minimum of Variable Star at 4.9h, Magnitude=5.4mag Type=EA/SD u Her Max=4.7mag Period= 2.1days Epoch=2002 RA=17h17.3m Dec=+33°06 Eclipse begins at about 22h01m and ends at 11h48m

#### Sunday 24 December 2017

CD Tau Minimum of Variable Star at 23.7h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08' Eclipse begins at about 20h28m and ends at 3h04m bet Per Minimum of Variable Star at 1.0h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 23h39m and ends at 2h25m 6h07m AR Lac Minimum of Variable Star at 3h07m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 23h34m and ends at 6h43m AG Per Minimum of Variable Star at 17.1h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 14h10m and ends at 20h00m 22h48m HU Tau Minimum of Variable Star at 19h48m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 16h07m and ends at 23h31m

# Monday 25 December 2017

0h46m WW Aur Minimum of Variable Star at 21h46m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 18h45m and ends at 0h49m LY Aur Minimum of Variable Star at 20.1h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

#### Tuesday 26 December 2017

1h25m VV Ori Minimum of Variable Star at 22h25m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 18h52m and ends at 2h00m  $5h43m \quad AR\ Lac \quad Minimum\ of\ Variable\ Star\ at\ 2h43m,\ Magnitude=6.8mag\quad Type=EA/AR/RS$ Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 23h10m and ends at 6h19m del Cep Minimum of Variable Star, Magnitude=4.4mag Type=DCEP Max=3.5mag Period= 5.4days Epoch=2002 RA=22h29.2m Dec=+58°25' 6h55m ZZ Boo Minimum of Variable Star at 3h55m, Magnitude=7.4mag Type=EA/DM

Max=6.8mag Period= 5.0days Epoch=2002 RA=13h56.2m Dec=+25°55' Eclipse begins at about 0h21m and ends at 7h32m AG Per Minimum of Variable Star at 17.8h, Magnitude=7.0mag Type=EA/DM 21.9h Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27 Eclipse begins at about 14h51m and ends at 20h42m 23h12m YZ Cas Minimum of Variable Star at 20h12m, Magnitude=6.1mag Type=EA/DM Max=5.7mag Period= 4.5days Epoch=2002 RA= 0h45.7m Dec=+74°59' Eclipse begins at about 12h11m and ends at 4h16m

#### Wednesday 27 December 2017

0h09m HU Tau Minimum of Variable Star at 21h09m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 17h28m and ends at 0h52m bet Per Minimum of Variable Star at 21.8h, Magnitude=3.4mag Type=EA/SD Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 20h29m and ends at 23h14m

#### Thursday 28 December 2017

5h19m AR Lac Minimum of Variable Star at 2h19m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 22h46m and ends at 5h55m AR Aur Minimum of Variable Star at 17.9h, Magnitude=6.8mag Type=EA/DM Max=6.2mag Period= 4.1days Epoch=2008 RA= 5h18.3m Dec=+33°46' Eclipse begins at about 14h27m and ends at 21h23m AG Per Minimum of Variable Star at 18.4h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 15h33m and ends at 21h23m

#### Friday 29 December 2017

0h43m VV Ori Minimum of Variable Star at 21h43m, Magnitude=5.7mag Type=EA/KE: Max=5.3mag Period= 1.5days Epoch=2002 RA= 5h33.5m Dec= -1°09' Eclipse begins at about 18h10m and ends at 1h18m 1h30m HU Tau Minimum of Variable Star at 22h30m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 18h49m and ends at 2h13m bet Per Minimum of Variable Star at 18.7h, Magnitude=3.4mag Type=EA/SD 21.9h Max=2.1mag Period= 2.9days Epoch=2012 RA= 3h08.2m Dec=+40°57' Eclipse begins at about 17h18m and ends at 20h03m R CMa Minimum of Variable Star at 19.0h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 17h01m and ends at 21h06m LY Aur Minimum of Variable Star at 20.1h, Magnitude=7.3mag Type=EB/SD: Max=6.7mag Period= 4.0days Epoch=2005 RA= 5h29.7m Dec=+35°23'

# Saturday 30 December 2017

1h58m WW Aur Minimum of Variable Star at 22h58m, Magnitude=6.5mag Type=EA/DM Max=5.8mag Period= 2.5days Epoch=2002 RA= 6h32.5m Dec=+32°27' Eclipse begins at about 19h57m and ends at 2h01m 4h55m AR Lac Minimum of Variable Star at 1h55m, Magnitude=6.8mag Type=EA/AR/RS Max=6.1mag Period= 2.0days Epoch=2002 RA=22h08.7m Dec=+45°44' Eclipse begins at about 22h22m and ends at 5h31m AG Per Minimum of Variable Star at 19.1h, Magnitude=7.0mag Type=EA/DM Max=6.7mag Period= 2.0days Epoch=2002 RA= 4h06.9m Dec=+33°27' Eclipse begins at about 16h14m and ends at 22h05m CD Tau Minimum of Variable Star at 20.6h, Magnitude=7.3mag Type=EA/D Max=6.8mag Period= 3.4days Epoch=2008 RA= 5h17.5m Dec=+20°08' Eclipse begins at about 17h21m and ends at 23h57m

# Sunday 31 December 2017

R CMa Minimum of Variable Star at 22.3h, Magnitude=6.3mag Type=EA/SD Max=5.7mag Period= 1.1days Epoch=2008 RA= 7h19.5m Dec=-16°24' Eclipse begins at about 20h16m and ends at 0h22m 2h51m HU Tau Minimum of Variable Star at 23h51m, Magnitude=6.7mag Type=EA/SD: Max=5.8mag Period= 2.1days Epoch=2002 RA= 4h38.3m Dec=+20°41' Eclipse begins at about 20h10m and ends at 3h35m 6h43m ZZ Boo Minimum of Variable Star at 3h43m, Magnitude=7.4mag Type=EA/DM Max=6.8mag Period= 5.0days Epoch=2002 RA=13h56.2m Dec=+25°55' Eclipse begins at about 0h09m and ends at 7h20m