

CCD Views

Special Edition

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 THE AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS
 25 Birch Street, Cambridge, MA 02138 USA
 Tel. 617-354-0484 Fax 617-354-0665
<http://www.aavso.org>

C C D V I E W S

Special Edition: October 10, 2002

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 1. HST TO OBSERVE UV PER AND AF CAM --- Janet A. Mattei, Aaron Price

We have been informed by Dr. B. Gaensicke at UK that the Space Telescope Imaging Spectrograph (STIS) aboard the Hubble Space Telescope is scheduled to do ultraviolet spectroscopy of UV Per and AF Cam in the following exact dates and time:

0203+56A UV Per	Oct 11 2002	20:25:20 UT to 21:03:27 UT
0324+58 AF Cam	Oct 13 2002	20:06:11 UT to 20:43:46 UT

On behalf of the HST Program team, of astronomers in Europe and in the US, Dr. Gaensicke is requesting our observers help in monitoring these cataclysmic variables closely before, during, and after the scheduled times so that they can have "reliable information" on the behavior of the stars for the correlation and analysis of HST data.

All CCD Observers: Please observe these objects several times per night with a V filter. Particularly during the HST scheduled observations please take as many high quality images as possible in V.

European and Asian observers: The scheduled observations will occur while you are in darkness and North America is awash in daylight. So your observations are critical!

Both stars are presently at quiescent and are quite faint. UV Per is around V=17-19! AF Cam is between V=16.5-18! Be prepared to track and/or stack lots of images. Thanks to Ron Zissell (ZRE), Roger Diethelm (DRG), and Steve Robinson (RSE) for already sending in CCD observations of these two objects.

Charts:

http://www.aavso.org/cgi-bin/shrinkwrap.pl?path=/charts/PER/UV_PER/UVPER-F.GIF

http://www.aavso.org/cgi-bin/shrinkwrap.pl?path=/charts/CAM/AF_CAM/AFCAM-E.GIF

2. WW CET RXTE SATELLITE CAMPAIGN UPDATE --- Janet A. Mattei, Aaron Price

Our observations are really starting to pile up. Keep 'em coming! Below are the latest observing times for RXTE. Please observe WW CET every night and as often as possible during the following windows. Think about it: while your CCD is opened up at WW CET, in space RXTE's detectors will also be counting photons from the same source!

OCT 11 15:43:00 to 16:27:00
OCT 12 15:28:00 to 16:14:00
OCT 13 13:25:00 to 14:22:00
OCT 14 14:55:00 to 15:41:00
OCT 15 14:37:00 to 15:23:00
OCT 16 14:20:00 to 15:06:00
OCT 17 14:03:00 to 14:50:00

Please submit your data to AAVSO HQ as soon as possible. Special thanks to Peter Nelson (NLX), Robert James (JM), Tim Hager (HTY), Frank Sheder (SFK), Thomas Richards (RIX), Mike Koppelman (KMP) and Chuck Pullen (PCH) for already providing excellent coverage.

Dr. Baskill's web page covers the project in depth along with what he is trying to learn.

<http://www.star.le.ac.uk/~dbl/xtewwcet.html>

AAVSO charts for WW Cet are available at:

http://www.aavso.org/charts/CET/WW_CET/

Please observe and report your data to the AAVSO as soon as possible.

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Good observing!

Aaron Price, AAVSO Technical Assistant (PAH)
Gary Walker, Chairman of the AAVSO CCD Committee (WGR)

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