

# THE OBSERVER



Pleiades and Stardust  
APOD November 22, 2007 - Tony Hallas

## EVAC This Month

by Don Wrigley

I had a really good time at this year's All Arizona Star Party, in spite of the persistent wind and the fact that my right eye was sore and red and swollen from having had a foreign object blown into it at some point early Saturday. The skies were quite clear and dark; the Saturday supper was terrific; the company was pleasant and fun to be with, as usual; and, for a change, I finally got lucky at the drawing and won myself a set of vibration pads for my tripod mounted telescopes. I've had a couple of opportunities since to try them out at public viewing events, and I have to say that they really do work great! If anyone would

like to see how good they work, just come out to one of our public events and I'll let you give them a try on your own telescope.

This month we have quite a few public events, including a number of school star parties. If you have never been to one of these events, you should think about coming out to one. They can be a lot of fun and you get to meet some very interesting people.

Speaking of interesting people, our speaker this month will be Robert Hobbins from the ASU School of Sustainability and his topic will be concerned with dark sky research,

## UPCOMING EVENTS:

- Public Star Party - November 10*
- Local Star Party - November 11*
- EVAC Monthly Meeting - November 17*
- Deep Star Party - November 18*
- Check out all of the upcoming club events in the Calendars on page 9.*

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## EVAC This Month

*by Don Wrigley*

something that should concern all of us.

We will also be electing new officers at the November meeting, and I am happy to say that we have at least two people interested in filing the positions of president and vice-president. That does not mean that the elections are a done deal. Nominations will be open for anyone who is interested in any of the open positions. We still need someone to fill the treasurer's position, and there are a couple of positions open on the board of directors, which are very important because they are the ones who really make all the decisions concerning club business.

One final note: At our last board meeting it was decided that this year's holiday meeting will be held at the home of Claude Haynes (he kindly offered up his humble abode) to avoid the parking problems caused by the Gilbert Public Library's Nightwatch programs.

## If It's Clear...

*by Fulton Wright, Jr. Prescott Astronomy Club*

November 2017

Celestial events (from Sky & Telescope magazine, Astronomy magazine, and anywhere else I can find information) customized for Prescott, Arizona. All times are Mountain Standard Time.

This month would be a good time to find Uranus and Neptune if you haven't done it in the past. Neither presents much to look at in a telescope. Go online for finder charts so you know where to look.

Also, you might find a comet this month. C2017 O1 is detailed in the article in Sky & Telescope, November 2017, p. 48. It is also called ASASSN1.

On Friday, November 3, at 5:43 PM (8 minutes after sunset), the full Moon rises, spoiling any chance of finding faint fuzzies for the night. Later that night, at 9:39 PM, the Moon occults a 4th magnitude star, Mu Ceti. The star reappears at 10:50 PM. This will be an occultation by the full Moon, so it will be easiest to see with a big telescope at high power.

On Sunday, November 5, at 2:00 AM, most of the USA

In addition to the change in venue, we will be having a change in menu as well. This year will not be pot luck - EVAC will cover all the food expenses, and the meal will be Italian Cuisine and not the sub sandwiches that have been the standard in the past few years. Because of the added expense for this menu, we will need everyone to RSVP, so that we will know how much food to order. We don't want to waste money by having too much food left over. We will send out an announcement sometime before the party in December and ask all members to RSVP at that time.

Our local star party this month is at Picketpost Trailhead, on November 11th. So let's dust off that equipment and put it to good use. That summer heat is finally behind us!

Don Wrigley

returns to standard time. Arizona, on the other hand, having eschewed such silliness as daylight savings time, cruises on unperturbed. We just miss an occultation of Aldebaran because the star hasn't risen yet. The star rises at 7:15 PM after the Moon has passed between us and it.

On Friday, November 10, the Moon is at last quarter phase, and rises at 12:13 AM (Saturday).

On Saturday, November 11, at 10:02 AM, the Moon occults a 1st magnitude star, Regulus. The star reappears at 11:01 AM. This is a daylight occultation, so a big telescope, high power, and a tracking mount will all be useful.

On Monday, November 13, about 6:30 AM, you can see Venus and Jupiter less than 1/2 a degree apart. Look low above the east-southeast for the pair.

On Saturday, November 18, it is new Moon and you have all night to hunt for faint fuzzies.

On Sunday, November 26, the Moon is at first quarter phase and sets at 12:36 AM (Monday).

## Find Out What's Happening – Join EVAC-Announce List

If you would like to receive email announcements about EVAC meetings and activities please join the EVAC–Announce mailing list. Click on the link below to subscribe. Enter your full email address in the box titled User Options and press OK. You will receive a confirmation email. Your privacy is respected by EVAC and we will never sell your email address, or use it for non-club relevant solicitations. This mailing list is designed for communication from EVAC, and does not enable users to respond to the message. If you wish to contact club officers, please use the list on the Contact-Us tab. To subscribe to the EVAC – Announce mail group click: <http://www.freelists.org/list/evac-announce> To unsubscribe use the same link, enter your email address and select Unsubscribe from the “Choose An Action” list.

***Looking for that perfect weekend activity?***

***Why not resolve to getting involved?***

***Contact Claude Haynes to join the staff at GRCO***

***Email: [grco@evaconline.org](mailto:grco@evaconline.org)***

### Classified Ads

At I have a Takahashi Q-106 System for sale. It includes all the extras:

- . F3.6 reducer, 2” visual back, extender
- . Canon DSLR hookups
- . 72mm Deep Sky filter
- . Custom rings with Losmandy plates
- . Finder
- . Large Pelican case

Much more. It is the best flat field astrograph and visual refractor combo available.

Please research the cost and make an offer. All considered.

[Takahashi Q-106 Pictures](#)

I'm very motivated to sell.

Thanks, Dan Gordon

[az.dan.gordon@gmail.com](mailto:az.dan.gordon@gmail.com)



5757 N. Oracle Road Tucson, AZ 85704 520-292-5010  
www.starizona.com

Apache-Sitgreaves Observatory  
Overgaard, Arizona  
Largest Public Observing Telescope in Arizona  
Apache-Sitgreaves.org

10" Orion Dob. Hardly used, excellent condition.  
Complete with 2" Crayford focuser and extra large eyepiece holder.

Cost new, \$670. Asking \$375.

Derek Youngson

No eyepiece or finder. Tube comes in original packing box. Too many scopes forces sale!

[derek.youngson@gmail.com](mailto:derek.youngson@gmail.com)

The camera was modified by Hap Griffin about 5 years ago and has ~8,150 shutter counts. It was purchased late 2011. Overall it's in good condition and has the latest Canon Firmware installed. A Custom White Balance and been set. Some example images can be seen at the URL below. If needed I can supply 100% cropped 'Dark Frames' images so you can examine the camera background noise.

Included items:

- . Canon TC-80N3 Intervalometer \$135.49
- . Canon CA-PS700 125VAC Power Adapter \$49.95
- . Orion 12VDC Power Adapter \$119.00
- . Canon RS-60E3 Remote Switch \$21.00
- . Extra Canon LP-E8 Battery – 2ea total \$47.95
- . SanDisk Extreme Plus 32Mbytes \$20.95
- . Journey34 DSLR Shoulder Bag \$49.95
- . Canon LP-E8 Charger
- . Canon T3i - S/N 072023005219

E-mail me for additional information –  
[jimwaters@cox.net](mailto:jimwaters@cox.net)

For current 2017 EVAC members I will include a 21 day warranty period.

Cost of included items is \$440.75

Asking \$350

[Canon Camera Pictures](#)

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### For Sale:

10" Meade LX-200GPS. This is the fast f6.3 - not the standard f10.0. It has Meade's UHTC Ultra High Transmission Coating, SMT upgrade and Peterson EZ-Clutch, EZ Focus, and Buck's Gears. The tripod has the "Springy Thing" springs on the mounting screw. An OPT 'scope saver' (larger than the scopetronix version) and both the standard length screw as well as the longer version for use with the scope saver. Includes Meade's 2" electric focuser with 1-1/4" and T adapters. A 1-1/4" diagonal and 40mm Plossl eyepiece are included as is a 60mm finder scope.

Additional included options are a JMI Hardside Carrying Case for the scope and a Scopetronix soft side case for the tripod. A 115 VAC power, Kendrick Kwik-focus, 5 colored visual filters and both narrow band and wide band pollution filters. A Meade Pickback adapter is also included.

If the observer get more involved in astro-photography a Meade Superwedge with Scopestuff Rosette knobs and stiffening rod is provided along with a Rigel nFocus focus controller.

If the observer gets even more seriously involved in astrophotography, two Losmandy "D" series dovetail bars are provided.

Using this scope and an SBIG ST-8300 camera over a two year period I was able to photograph all NGC and IC objects above -38 deg from my backyard in Chandler.

Asking price is \$1500

If you have any questions please contact:  
Bruce Barron - [bbarron1@cox.net](mailto:bbarron1@cox.net)  
he

# For Sale

Telescope: A Vixen mount with star book and through the mount align scope. The scope is a five inch refractor. Carrying case shown. Sale price: \$2700. Call 480-882-3485 Frank Pino



For Sale:

A Vixen mount with star book and through the mount align scope. The scope is a five inch refractor. With wooden carrying case.

Sale price \$1,700.00

Frank Pino [f.pino@mchsi.com](mailto:f.pino@mchsi.com) 480-882-3485

# Upcoming Meetings

November 17

December 15

January 19

February 16

March 16

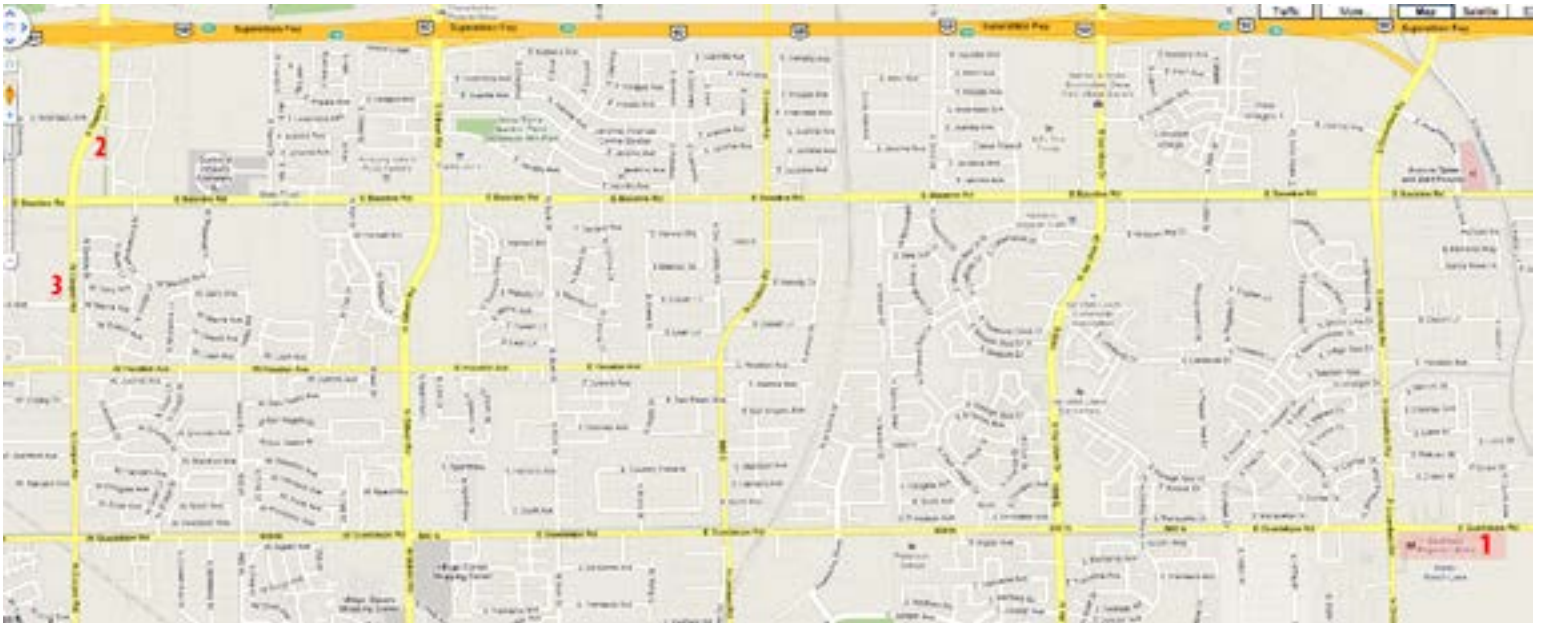
April 20

May 18

The monthly general meeting is your chance to find out what other club members are up to, learn about upcoming club events and listen to presentations by professional and well-known amateur astronomers.

Our meetings are held on the third Friday of each month at the Southeast Regional Library in Gilbert. The library is located at 775 N. Greenfield Road; on the southeast corner of Greenfield and Guadalupe Roads. Meetings begin at 7:30 pm.

***Visitors are always welcome!***



**1** Southeast Regional Library  
775 N. Greenfield Road  
Gilbert, Az. 85234





# NOVEMBER 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	<b>2</b>	3	4
5	6	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
12	13	14	<b>15</b>	16	<b>17</b>	<b>18</b>
19	<b>20</b>	21	22	23	24	25
26	27	28	29	<b>30</b>		

**November 2** - Patterson Elementary

**November 7** - CGCC Star Party

**November 8** - Porter Elementary School

**November 9** - JO Combs Middle School

**November 10** - Public Star Party

**November 11** - Local Star Party

**November 15** - Cub Scout Pack 77

**November 17** - EVAC Monthly Meeting

**November 18** - Deep Sky Party

**November 20** - Mesa Academy for Advanced  
Studies

**November 30** - Poston Junior High

# DECEMBER 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	<b>9</b>
10	11	12	13	14	<b>15</b>	<b>16</b>
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**December 9** - Local Star Party

**December 16** - Deep Sky Star Party

**December 15** - EVAC Holiday Party



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[www.evaonline.org](http://www.evaonline.org)

East Valley Astronomy Club  
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