

Antares



The Newsletter of the Kansas Astronomical Observers

Meeting time: **September 21, 2019** **7:30 pm**

Location: **Lake Afton Public Observatory (LAPO)**

Speaker: **N/A**
Topic: **N/A**

KAO Website: <http://www.kaowichita.com>
The Night Sky Network: <http://www.nightsky.jpl.nasa.gov>
The Astronomical League: <http://www.astroleague.org>

If you have comments or suggestions for an article in the newsletter, e-mail them to:
kevin.l.kight@gmail.com *Please begin the subject line with "Antares"

Current Club Officials

President:	Jerelyn Ramirez	jerelyn.ramirez@gmail.com
Vice-President:	Tony Haidai	thaidai@cox.net
Treasurer:	Paul Ramirez	ramirezpm2@gmail.com
Newsletter/Media:	Kevin Kight	kevin.l.kight@gmail.com

Next Month's Meeting: October 19 @ 3:30pm, Great Plains Nature Center

Club Updates:

Call for Meeting Speakers:

For those members that wish to create and present during a club meeting, or that have a suggestion for a guest speaker during the fall and winter meetings, contact the Club Vice-President: Tony Haidai (thaidai@cox.net)

Newsletter Items for Publication:

Please submit items for publication prior to the 10th of each month to be included in that month's newsletter.

Club T-shirts available:

Club T-Shirts are always available to all club members year around. (or anyone who wants to support the club) \$10 each, indicate size and quantity to Jerelyn Ramirez or Paul Ramirez by email or at club meetings / outings.

Club Membership Update:

Two new club members:

Jack Wilkins from Wichita
Steve Johannes from Manhattan

We have 64 club members.

August Club Meeting:

See addendum for the meeting notes of the August club meeting.

Eyepieces for Sale

David Stanislaw has eyepieces for sale. See attached ad for details.

AWG non-profit fundraiser

Our club has been approved by the Associated Wholesale Grocers (AWG) non-profit fundraiser. I received the bonus coupon for an extra \$30 when we turn in the first batch of 1000 Best Choice UPC symbols which is worth \$30. Only UPC symbols with Best Choice above the bar code will be accepted. The bar code and the words Best Choice above the bar code is all that is required from the label. Aluminum cans are not accepted. For all participating club members you can bring your UPC labels and put them in a jar at each meeting. You can invite your family and friends to collect them as well. The bonus coupon is good till December 31, 2019. We will receive a new bonus coupon every year, but only one each year. If you use Best Choice products please save your labels.



From the Desk of Jerelyn Ramirez

2020 Astronomy Calendars have been ordered. Please reserve your copy of the calendar before they are all gone if you haven't already done so. They should be available at the September meeting. If you have one on reserve you can pick it up then. They are going for \$10 each for club members and \$15 each for non-club members. Contact Paul Ramirez at ramirezpm2@gmail.com to reserve your copy or come by the meeting to pick one up. The non reserved copies are first come first serve. The reserved copies will be reserved for no more than 3 months. The Treasurer has ordered 30 calendars and they are going fast. We can order more but there is a time limit to still receive this discounted rate.

I did receive the Horkheimer Library telescope today. I will be bringing it to the September meeting as is for show and tell. We are getting ready for the Okie-Tex Star Party. The modifications will be added and brought back for the October meeting for show and tell. I hope to present this telescope in November to the Silver Lake Public Library.

Here is a link about the 88 constellations. It is a pretty cool reference guide to some information about the constellations, such as; area of sky, what hemisphere they can be found, best time to see, the name of the brightest star in that constellation, and a few other important facts. I think members could find it interesting.

<https://sleepopolis.com/education/constellations-stars/>

Solar and Planetary Items:

Moon Phases:

Last Quarter: August 23
New Moon: August 30
First Quarter: September 5
Full Moon: September 13

Last Quarter: September 21
New Moon: September 28
First Quarter: October 5
Full Moon: October 13

Planets:

Mercury – Hidden in Solar Glare
Venus – Hidden in Solar Glare
Mars – Hidden in Solar Glare
Jupiter – Visible in the evening in Ophiuchus; rises approximately 2:00pm
Saturn – Visible in the Evening in Sagittarius; rises approximately 3:50pm
Uranus – Visible in the early morning in Aries; rises approximately 9:20pm
Neptune – Visible in the morning in Aquarius; rises approximately 7:20pm

Comets:

Listed below are comets possibly visible in telescopes from the Wichita area (approximately cutoff at magnitude 15; if available the observed magnitude is used in favor of the JPL prediction). Magnitudes shown are approximate predictions for mid-month. Links are provided for additional information:

<http://cometchasing.skyhound.csom/>

C/2017 T2 (PANSTARRS): An early morning comet in Taurus (Mag 12)

<https://theskylive.com/c2017t2-info>

C/2018 W2 (Africano): An early morning comet in Taurus (Mag 12)

<https://theskylive.com/c2017t2-info>

Event Reports:

If you've participated in a club event, please submit an event report to be included here by the 10th of each month. It doesn't have to be anything formal, just a brief description about the event and how it went. Credit will be given unless you request to be kept anonymous.

Wichita Art Museum Event – August 15

Jerelyn Ramirez has provided an event report for the Wichita Art Museum outreach. See addendum for details.

Upcoming Regional Events:

See NSN for latest information

Upcoming KAO/Public Events:

See NSN for latest information and new events as they are added

Woodfest 2019 - September 28

Camp Wood YMCA, 1101 Camp Wood Road, Elmdale, KS 66850

11:00 AM - 11:00PM

Setup Time 10:00AM

This event is sponsored by the Symphony in the Flint Hills. A daytime activity to learn about bee keeping, horse back riding, wood instruments, astronomy, and many other activities.

See NSN for details and volunteer info

International Observe the Moon Night – October 4

Mulvane Public Library, 408 N. 2nd Ave., Mulvane, KS 67110

7:00 PM - 8:30 PM

Setup Time 6:00 PM

We are celebrating the International Observe the Moon Night. We will have a program to share with you on observing the Moon in Mulvane Kansas. We will highlight lunar features such as a few of the Apollo manned lunar landing sites. We will answer the burning question, "Can you see the flag on the Moon with your telescope"?

See NSN for details and volunteer info

Chaplin Nature Center – October 19

Chaplin Nature Center 27801 27th Drive Arkansas City, KS

7:30PM

Setup Time 7:00 PM

Arkansas City is the place to be for a night of observing at the Chaplin Nature Center. There are dark skies out there with the Moon a couple days before 3rd quarter it will be pretty dark out there.

See NSN for details and volunteer info

Astronomy for Girl Scouts – October 19

Starwoods Scout Camp, 7850 S 103 street west, Clearwater, KS 67026

8:00 PM - 10:00PM

Working on some Girl Scout badges and learning constellations.

See NSN for details and volunteer info

Volland Store – November 2

The Volland Store, 24098 Volland Rd, Alma, KS 66401

10:00 AM - 8:00PM

Come join us on a constellation tour inside a 16 foot planetarium setup inside at the Volland Store. More details to come.

See NSN for details and volunteer info

Heights High School Astronomy Night – November 5

Heights High School, 5301 N Hillside, Wichita, KS

7:00 PM - 9:00PM

Heights Astronomy Night at the Heights High School in Wichita Kansas. Come on out to the 7th Annual Astronomy Night. The Kansas Astronomical Observers will be providing telescopes for viewing the night sky. What will we see; we'll see the Moon a day after first quarter. If we are real lucky we could see Venus in the Western sky in the constellation Scorpius. Saturn will be in Sagittarius and Jupiter in Ophiuchus.

This event is open to all visitors. Come one come all, all are welcome.

See NSN for details and volunteer info