

Antares



The Newsletter of the Kansas Astronomical Observers

Meeting time: September 16, 2017 7:00 pm

Location: **Lake Afton Public Observatory**

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:	Fred Gassert	(316) 721-2225	Homelevator@msn.com
Vice-President:	Richard Meredith	(316) 794-2827	
Treasurer:	Bryan Rocky	(316) 218-8512	brocky@cox.net
Newsletter/Media:	Kevin Kight	(252) 599-0429	kevin.l.kight@gmail.com

Next Meeting: October 21 at Great Plains Nature Center

Club Updates:

Officer Elections:

Club Officer Elections are coming up in October and nominations closes this month. Most (if not all) of our officers are up against term limits. Please consider a position in the club as an officer.

KAO Volunteer Award Announcement

The KAO is introducing a new volunteer award that will be retroactive to the beginning of 2017. This award is to recognize club members, who volunteer their time and effort, in any capacity, to show how much you are a valued member of the club, and appreciate your contributions. Any volunteer activities that are related to the club are counted. This award is distinct from the NSN Education Outreach Award, and it is possible to earn both awards.

There is more information about this award in the newsletter addendems.

Solar and Planetary Items:

Moon Phases:

Last Quarter: September 13
New Moon: September 20
First Quarter: September 27
Full Moon: October 5

Planets:

Mercury, Venus are morning planets

Mars – Hidden in Solar Glare next to Mercury

Jupiter – Setting approximately 9:00pm

Saturn – Rises approximately 2:30 pm

Neptune – At opposition, rising approximately 7:30pm in Aquarius

Uranus – Rises approximately 9:30pm in Pisces

On September 6, AR2673 emitted an X9.3 class solar flare that produced a CME that resulted in Auroras over the Northern US on Thursday and Friday Night (7th and 8th).

Comets:

Listed below are comets possibly visible in telescopes (cutoff at magnitude 11). Magnitudes shown are approximate predictions for mid-month. Links are provided for additional information: <http://cometchasing.skyhound.com/>

C/2017 O1 (ASASSN): A morning comet located in Taurus. Magnitude 11.0
<https://theskylive.com/c2017o1-info>

C/2015 ER61 (PANSTARRS): A morning Comet in Taurus. Magnitude 11.0
<https://theskylive.com/c2015er61-info>

Event Reports:

If you've participated in a club event, please submit an event report to be included here by emailing the Newsletter Editor (Kevin Kight). It doesn't have to be anything formal, just a brief description about the event and how it went. You can even include a picture or two. Credit will be given unless you request to be kept anonymous.

The Volland Store – August 26

KAO was invited to the Volland Store for an outreach and observing event. The staff of the Symphony in the Flint Hills recommended us and the Volland Store reached out to Jerelyn.

See addendum for a report written by Jerelyn Ramirez.

Kirkmans Cove Solar Eclipse – August 21

A lot of club members traveled to Kirkman's Cove for the solar eclipse and some evening observing.

See addendum for a report written by Jerelyn Ramirez.

Upcoming Regional Events:

Okie-Tex Star Party

The 34th Annual **Okie-Tex Star Party** is occurring this week **September 16-24, 2017**.

International Observe the Moon Night

The 2017 date is **October 28**.

Upcoming KAO Public Events:

Heights High School Astronomy Night – September 26

Heights High School, 5301 N Hillside, Wichita, KS

7:30 PM - 9:00 PM

This is the 5th annual Heights Astronomy Night on Tuesday, September 26 from 7:30 – 9:00 pm at Heights High School.

Setup Time: 7:00 PM

Please park at the church (east side of Hillside)

Woodfest – September 30

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

8:30 AM - 8:00 PM

This event is an all-day Symphony in the Flint Hills sponsored event

Full Moon Walk at Great Plains Nature Center – October 5

Great Plains Nature Center, 6232 E. 29th Street North, Wichita, KS 67220-2200

7:00 PM - 8:00 PM

When the moon is full, join us for stargazing at Great Plains Nature Center under a rising full moon. Enjoy an evening under the stars and planets.

Setup Time: 6:30 PM

If you are planning to go on the walk, you must make a reservation (like the public).

If you are ONLY there to assist with stargazing, please e-mail Rachel at GPNC to confirm.

Chaplin Nature Center – October 14

Chaplin Nature Center, 27801 27th Drive, Arkansas City,, KS 67005-5431

6:00 PM - 12:00 PM

This is an observing event at the Nature Center in Arkansas City. Saturn and other celestial objects beyond our solar system are the features of this evening.

Setup Time: 6:00 PM

Meet and Eat at the Green Door in Arkansas City at 5 PM