

Antares



The Newsletter of the Kansas Astronomical Observers

Meeting time: July 20, 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: August 17 @ 7:30pm, Lake Afton Public Observatory (LAPO)

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:

Greg Coykendall from Wichita
Robert Givens from Wichita

Club roster currently stands at 59 members.

June Club Meeting:

The June Club Meeting was canceled due to weather.

Solar and Planetary Items:

Moon Phases:

Last Quarter: June 25

New Moon: July 2

First Quarter: July 9

Full Moon: July 16

Last Quarter: July 24

New Moon: July 31

First Quarter: August 7

Full Moon: August 15

Planets:

Mercury – Visible in the evening in Cancer; sets approximately 9:15pm

Venus – Visible in the morning in Gemini; rises approximately 5:30am

Mars – Visible after sunset West in Cancer; setting approximately 9:45pm

Jupiter – Visible in the evening in Ophiuchus; rises approximately 6:15pm

Saturn – Visible in the Evening in Sagittarius; rises approximately 8:30pm

Uranus – Visible in the early morning in Aries; rises approximately 1:45am

Neptune – Visible in the morning in Aquarius; rises approximately 11:45pm

50 Year Anniversary of Apollo Landings on July 20th

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/>

No known comets this month

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.

Symphony in the Flint Hills – June 15

As reported in the last newsletter, the Symphony in the Flint Hills was canceled this year due to storm damage. See addendum for details and photos of the damage

Belle Plaine Library – June 25

Jerelyn Ramirez has provided an event report for the Belle Plaine Library Event outreach. See addendum for details.

3 Events at the Duglass Library – June 25

Jerelyn Ramirez has provided an event report for the Silver Lake Library Event outreach. See addendum for details.

In the Moonlight in Saint Marys

Jerelyn Ramirez has provided an event report for an outreach event in Saint Marys. See addendum for details.

Upcoming Regional Events:

See NSN for latest information

Fall River Star Party – August 2-3

Fall River State Park, Casner Creek Campgrounds

Sadly this event has been cancelled due to extensive flooding and water damage to electrical boxes; the event has been rescheduled for August 14 – 15, for next year 2020.

Upcoming KAO/Public Events:

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

Apollo Mission Celebration – July 20

Lake Afton Public Observatory (LAPO), 25000 West 39th South, Goddard, KS 67052

9:00 pm – 11:30 pm

The Lake Afton Public Observatory is open to the public on Friday and Saturday nights. Some club members will set up their telescopes on the north side of the building and visitors are welcome to come observe with them. Visitors are also welcome to bring their own telescope to view with us. If you are having trouble setting up your telescope bring it with you and we would gladly help.

Under the dome of LAPO is a 16" telescope for viewing distant objects light years away or planets in our solar system. There are many displays and hands on activities to explore the outer regions of space.

See NSN for details and volunteer info

Manhattan Library– July 24

Manhattan Public Library, 629 Poyntz Ave., Manhattan, KS 66502

2:00 PM - 3:00 PM (setup time 1:30 PM)

Lets find out how a telescope works and why we put them in space.

See NSN for details and volunteer info

Astro Fest 2019 – August 10

Lake Afton Public Observatory (LAPO), 5000 West 39th South, Goddard, KS 67052

3:00 PM – 1:00AM (Setup 10:00 AM)

This is a collaboration with LAPO. Solar activities during the day with other activities through out the day. Having telescopes for the visitors to share with them the wonders of the night sky. This night is three days after a first quarter Moon. Yes it is a lot of Moon, but most visitors have never looked through a telescope and the Moon is always a huge hit. There will be a nice terminator to visually see some depth to some craters. This is also the 50 year Anniversary of the Apollo lunar landing missions. All six landing sites should be visible, you can point them out with your telescope.

This is the second annual event to promote the observatory. To make this astronomy party a success we need volunteers. They plan to stay open till 1:00 a.m.

So lets help out LAPO by kicking off this astronomy party.

See NSN for details and volunteer info

Wichita Art Museum – August 15

Wichita Art Musuem, 1400 West Musuem Blvd., Wichita, KS 67203
7:00 PM – 10:00 PM (Setup 6:00 PM)

The Wichita Art Museum is hosting an evening observing the Moon. The Kansas Astronomical Observers will provide a few telescopes to view the nearly full waning gibbous Moon. Jupiter and Saturn will be visible too. The lunar landing sites will be pointed out for the guests in honor of the manned Apollo Missions 50 year Anniversary. Inside the Museum there will be a some hands on activities about the Moon and Solar System objects.

See NSN for details and volunteer info

Volland Store – August 24

The Volland Store, 24098 Volland Rd, Alma, KS 66401
5:00 PM

We have been invited to help host an event at the Volland Store in Alma Kansas. Dark skies are on the agenda where we can observe Jupiter and Saturn. Even Urnaus and Neptune will be up for a showing if conditions are right. What about a few comets, there is the possibility a couple will be close enough to catch a glimpse of these fast moving solar system objects.

See NSN for details and volunteer info