

Antares



The Newsletter of the Kansas Astronomical Observers

Meeting time: January 20, 2018 3:00 pm

Location: **Great Plains Nature Center**

Speaker: **Jerelyn Ramirez - KAO President**

Topic: **Cosmic Collisions and Chicxulub Crater and the extinction event of the dinosaurs Videos.**

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: February 17 at Great Plains Nature Center

Club Updates:

Membership Dues:

Just a reminder, membership dues for the 2018 year are due.

December Club Meeting:

Jerelyn Ramirez has written a short summary of the December Club Meeting. See Addendum for details.

Meeting Speakers:

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

Solar and Planetary Items:

Moon Phases:

Last Quarter: January 8
New Moon: January 16
First Quarter: January 24
Full Moon: January 31 (Blue Moon)

Planets:

Mercury – Visible in the morning; rises approximately 6:15am
Venus – Hidden in Solar Glare
Mars – Visible in the morning rises approximately 3:13am; next to Jupiter in Libra
Jupiter – Visible in the morning; rises at 3:00am in Libra
Saturn – Visible in the morning; rises approximately 6:30 am
Uranus – Sets approximately 1:15am in Pisces
Neptune – Sets approximately 9:45pm in Aquarius

Total Lunar eclipse begins Wed, Jan 31, 2018 at 4:51 am, Totality occurs approximately 6:51 am

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 T1 (Heinze): An evening comet located in Lynx moving into Pegasus
Magnitude 9.0
<https://theskylive.com/c2017t1-info>

C/2016 R2 (PANSTARRS): An evening comet located in Taurus Magnitude 10.0
<https://theskylive.com/c2016r2-info>

C/2015 O1 (PANSTARRS): A morning comet located in Hercules Magnitude 10.3
<https://theskylive.com/c2015o1-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.

Upcoming Regional Events:

Messier Marathon #1

Friday March 16 - Saturday March 17. (March. 17. New Moon)

Messier Marathon #2

Friday April 13 - Sat April 14. (April. 16. New Moon)

Symphony in the Flint Hills

Saturday, June 9, Rosalia, KS., Past 3rd quarter (Jupiter)

Fall River Star Party

August 10-11 (August 11, New Moon)

Upcoming KAO Public Events:

Blue Moon Walk at Great Plains Nature Center – January 31

Great Plains Nature Center, 6232 E. 29th Street North, Wichita, KS 67220-2200
(6:30 pm – 8:30 pm)

Setup Time: 6:00 PM; See NSN club calendar for more information about registration.

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. This full Moon is a "Blue Moon" event. Why is it a "Blue Moon"? Two full Moons occurred in the same month.