

# The Night Sky

### The Newsletter of The Astronomy Club of Akron

www.acaoh.org

Volume 43 Number 7

July 2021

#### NO MEETINGS IN JULY OR AUGUST

#### PUBLIC PROGRAM AT ACA OBSERVATORY 9 PM JULY 31

# PROGRAM IS WEATHER PERMITTING CHECK WWW.ACAOH.ORG FOR UPDATES

9:00 pm - Come out to view open cluster NGC6633, Wild Duck Cluster, Ring Nebula, M26 Star Cloud, and Swan Nebula using an OIII filter. We may be able to see some stragglers from the Delta Aquarids meteor shower that peaked on 7/29.

ACA Observatory is in Portage Lakes State Park, 5031 Manchester Road, 44319 Come out and show off the Universe

## ACA NEEDS A NEWSLETTER EDITOR (PUBLICATIONS SECRETARY)

**SECTION 10. Duties of the Publications Secretary.** The Publications Secretary shall be responsible for the editing, publishing and mailing (emailing) of the club's newsletter, which includes the notification to members of all club meetings.

In the event of the absence of a Publications Secretary the club's newsletter will not be published. Publication of the newsletter will resume upon the filling of the Publications Secretary position.

#### **ALSO NEED 2 TRUSTEES**

See Bylaws at <a href="http://www.acaoh.org/ACA\_Bylaws.htm">http://www.acaoh.org/ACA\_Bylaws.htm</a> for duties

Any interested members or for more information contact President Gregg Crenshaw at <a href="mailto:gregg.crenshaw@acaoh.org">gregg.crenshaw@acaoh.org</a>

Image by Phil Creed



Friday night had clear skies there for the taking, but we had to make a bit of a run for them. Clouds were plaguing the I-77 corridor and points east, so we went to site along the Holmes/Coshocton County line.

This is the Lagoon Nebula (M8) shot on July 2 from near Stillwell. I used an AT92 refractor combined with an Esprit100 1.0x field flattener, so this was 506mm focal length @ f/5.5. My imaging session was ended by dew, so I only ended up with 80.5 minutes (1.34 hours) of integration.

It does help that the Lagoon Nebula is as bright as it is, so even a limited imaging session is still worthwhile. Under dark skies, it's visible to the naked-eye and is a worthwhile object visually with any optical aid





Join us in celebration of the League's 75th year!

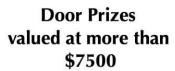
# ALCon 2021 Virtual!

ALConVirtual.org August 19 – 21, 2021



Presented by

**Your Astronomical League** Free Registration!!



Grand Prize - Explore Scientific FirstLight 127mm Mak-Cass Telescope with Twilight Mount valued at ... \$750!

#### ALCon Speakers and Presentations...

- Dr. Jocelyn Bell Burnell, "The Discovery of Pulsars in Context"
- David Eicher, "Galaxies"
- Dr. Richard Gott, "The Cosmic Web"Dr. David Levy, "Poetry in the Heavens"
- Kelly Beatty
- Dr. David Dunham, "Near-Earth Asteroid Occultations"
- Paul Cox, "SLOOH"
- Alan Dyer
- And more!

#### **Astronomical League Awards**

- Library Telescope Drawing
- Mabel Sterns Newsletter Award
- Webmaster Award
- Peltier Award
- National Young Astronomers
- Horkheimer Youth Awards
- GR Wright Award
- Special Service Awards

**Saturday Night: Global Star Party** 







**David Eicher** 



Dr. Richard Gott



Dr. David Levy



**Paul Cox** 



Dr. David Dunham

J Kelly Beatty











#### 2021 July Sky Events

Date	EST (h:m)	Event
04 05 05 06 07 09 12 12 12 13 17 20 21 21 23 23 24 25 27	15 09:48 18 17:41 23:38 20:17 04:10 05:10 19 08 05:11 07:06 08:22 05:30 16:21 20 21:37 11:42 20:17	Mercury 3.7°S of Moon NEW MOON Venus 3.3°S of Moon Mars 3.8°S of Moon Mars at Aphelion: 1.66596 AU Venus 0.5°N of Mars FIRST QUARTER MOON Antares 4.7°S of Moon Moon at Descending Node Moon at Perigee: 364520 km Venus 1.0°N of Regulus Mercury at Perihelion FULL MOON Saturn 3.8°N of Moon Jupiter 4.2°N of Moon Delta-Aquarid Meteor Shower Mars 0.6°N of Regulus
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#### 2021 August Sky Events

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Aug 01 09 Mercury at Superior Conjunction 02 00 Saturn at Opposition 02 02:35 Moon at Apogee: 404412 km 02 21:51 Moon at Ascending Node 06 14:42 Pollux 3.1°N of Moon 08 08:50 NEW MOON 09 19:42 Mars 4.3°S of Moon 11 02:00 Venus 4.3°S of Moon 12 14 Perseid Meteor Shower 15 10:20 FIRST QUARTER MOON 16 11:04 Moon at Descending Node 16 13:34 Antares 4.5°S of Moon 17 04:23 Moon at Perigee: 369127 km 18 22 Mercury 0.1°S of Mars 19 18 Jupiter at Opposition 20 17:19 Saturn 3.7°N of Moon 21 23:52 Jupiter 4.0°N of Moon 22 07:02 FULL MOON 29 21:22 Moon at Apogee: 404100 km 30 00:13 Moon at Ascending Node 30 02:13 LAST QUARTER MOON
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Sky Event Almanacs Courtesy of Fred Espenak, www.AstroPixels.com

#### **OFFICERS 2020 – 2022**

#### President

Gregg Crenshaw

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#### **Vice President**

Glenn Cameron

**Email:** 

#### Treasurer

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#### **Secretary**

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#### **Assistant Secretary/Treasurer**

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Open

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