



The Night Sky

The Newsletter of
The Astronomy Club of Akron

www.acaoh.org

Volume 48 Number 7

August 2026

ACA MEETING - Sunday, September 20th, 2026 at 2:00 PM

Member Photos

By Niladri Kar

Supernova 2026sqf in NGC 3310 - magnitude 11.2 - July 30, 2026



M108 (Surfboard Galaxy) and M97 (Owl Nebula), taken during June-July 2026



OFFICERS 2026 — 2028

President: Diwakar Chandrasekaran

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- E-mail:

Trustee: position vacant

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Statutory Agent: Mark Kochheiser

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**July 2026 ACA Treasurer's Report
By Dave Hartsook
8/3/2026**

Checking Beginning Balance	\$ 1,476.38
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Inflows

Dues - Full Amount Paid (Excess over Pro Rated amount refunded to New Member below)	\$ 45.00
Donations (Unrestricted)	\$ 130.00

Total Inflows	\$ 175.00
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Outflows

Reimburse Observatory Director for Refreshments at May 2026 ACA Meeting	\$ (29.19)
Reimburse Observatory Director for May 2026 ACA Picnic food, condiments, etc	\$ (319.14)
Refund excess dues paid over pro rated amount to New Member	\$ (33.75)

Total Outflows	\$ (382.08)
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Inflows Less Outflows	\$ (207.08)
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Checking Ending Balance	\$ 1,269.30
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Savings Beginning Balance	\$ 1,269.47
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Interest Income	\$ 0.01
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Savings Ending Balance	\$ 1,269.48
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Petty Cash Beginning Balance	\$ 50.00
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No Activity

Petty Cash Ending Balance	\$ 50.00
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Grand Total	\$ 2,588.78
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Astronomy Club of Akron

2026 Autumn Activity Schedule

View Celestial Objects through the area's Largest Amateur Club Telescope

5031 Manchester Road, Akron, OH www.acaoh.org

Astronomy Club of Akron has been a distinguished northeast Ohio organization since 1949. The objective of the ACA is to promote the education of the public in the area of astronomy and related sciences through our public star parties and public lecture meetings.

STAR PARTIES: Portage Lakes State Park Observatory featuring a computerized 16 inch telescope

- Please join us for stargazing and educational activities. Our Star Parties are free and open to the public. Please arrive on time to avoid headlight distraction.
- For notice of “impromptu star parties”, send e-mail to ACAstarparty@att.net to request e-mail notification of our observing sessions.
- Events will be cancelled if skies are cloudy. Always check website for star party status two hours before event.
- This is an outdoor activity in an unheated environment. Nighttime temperatures drop rapidly, even during summer. A general rule of thumb is to dress for 15 degrees cooler than predicted nighttime low temperature.
- Please, **No Smoking** on observatory grounds. Smoke reacts with optical surfaces, damaging optical coatings.
- Please, no use of cell phones or tablets in observatory (to preserve night vision).

Public Lecture Meetings: Free and open to the public featuring professional speakers

Meeting Place: Portage Lakes Kiwanis Civic Center
725 Portage Lakes Drive Akron, OH

2026 Autumn Schedule:

September 20, 2026 2:00pm

Dr. Niladri Kar, Stark State College
Citizen Science in Astronomy

Dr. Kar will explain how you can get involved to help classify and analyze data from world renowned observatories, making new discoveries of dwarf planets, asteroids, supernovae, and comets. Dr. Kar will share some of the discoveries he made, awaiting confirmation, while analyzing data from Rubin Observatory, NASA's WISE Mission, JWST, and TESS Mission.

October 18, 2026 2:00pm

Dr. Emily Safron, Case Western Reserve University, Lorain County Community College
Brave New Worlds (Extrasolar planets)

Dr. Safron will describe what exoplanets are and the ingenious detective methods that astronomers use to find them in the cosmos. Dr. Safron will discuss the many types of exoplanets that have been found and how astronomers study what they are like – including whether or not they may be capable of harboring life.

November 15, 2026 2:00pm

Stacy McGaugh, Case Western Reserve University
Missing Mass Problem – Dark Matter & Our Understanding of Gravity

There is ample evidence for missing mass in the Universe: dark matter whose gravity is felt but which goes unseen. Despite decades of searches for dark matter candidates, these efforts have repeatedly come up empty. Stacy McGaugh will discuss the astronomical evidence that establishes the missing mass problem and how some of it points to a different interpretation of gravity.

*** We hold unscheduled star parties when skies are clear. For an e-mail notification of impromptu star parties send a message to ACAstarparty@att.net to be added to the list. For private star parties (Boy Scouts, Girl Scouts, Church Groups, School Groups, etc.) send a request to the same e-mail address.

Swap-n-Shop

Sue Neal

Email: sn419.sn@gmail.com

Meade ETX 125 Observer Series telescope for sale!

Includes:

- Meade Super Plossl 9.7 mm eyepiece
- Meade Super Plossl 26 mm eyepiece
- Astromania Plossl 40 mm eyepiece
- Meade Autostar Suite Astronomer Edition 2014 V.1.0 software
- 1.25" 90° diagonal

Original packaging available. Assembled once, used about 10 times, dusted regularly.

Asking \$300.00.



August Astronomical Events

Date	EST (h:m)	Event
02	03:00	Mercury at Grtst Elong: 19.5°W
05	21:21	LAST QUARTER MOON
07	01:23	Pleiades 1.2°S of Moon
09	00:31	Mars 4.4°S of Moon
10	06:18	Moon at Perigee: 363288 km
10	17:38	Pollux 3.6°N of Moon
11	07:48	Mercury 2.1°S of Moon
12	12:37	NEW MOON
12	12:46	Total Solar Eclipse; mag=1.039
12	21:00	Perseid Meteor Shower
13	04:56	Moon at Descending Node
14	04:00	Mercury at Perihelion
15	01:00	Venus at Greatest Elong: 45.9°E
16	03:47	Venus 2.1°N of Moon
17	06:49	Spica 2.4°N of Moon
19	21:46	FIRST QUARTER MOON
20	23:18	Antares 0.6°N of Moon
22	03:20	Moon at Apogee: 404644 km
27	12:00	Mercury at Superior Conj
27	13:47	Moon at Ascending Node
27	23:13	Partial Lunar Eclps; mag=0.930
27	23:18	FULL MOON



September Astronomical Events

Date	EST (h:m)	Event
01	08:24	Venus 1.2°S of Spica
03	07:03	Pleiades 1.2°S of Moon
04	02:51	LAST QUARTER MOON
06	13:24	Mars 3.0°S of Moon
06	15:26	Moon at Perigee: 368255 km
07	01:32	Pollux 3.6°N of Moon
08	13:13	Jupiter 0.8°S of Moon: Occn.
09	14:17	Moon at Descending Node
09	14:36	Regulus 0.5°N of Moon
10	22:27	NEW MOON
13	15:53	Spica 2.4°N of Moon
14	06:10	Venus 0.5°S of Moon: Occn.
17	07:18	Antares 0.6°N of Moon
18	15:44	FIRST QUARTER MOON
18	22:00	Moon at Apogee: 404217 km
22	19:06	Autumnal Equinox
23	21:40	Moon at Ascending Node
25	19:00	Neptune at Opposition
25	20:49	Mercury 0.8°N of Spica
26	11:49	FULL MOON
30	12:39	Pleiades 1.1°S of Moon



Sky Event Almanacs Courtesy of Fred Espenak, www.AstroPixels.com

The Night Sky

Newsletter of the Astronomy Club of Akron

c/o Glenn R. Cameron, Editor

The Astronomy Club of Akron
c/o Dave Hartsook
4174 Meadow Wood Lane
Uniontown, OH 44685-7717

Yes! I want to become a member of the Astronomy Club of Akron

Check one: ☐ New Membership
☐ Renewal

www.acaoh.org
(PLEASE PRINT)

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Email Address: _____

Astronomy Club of Akron annual memberships renew in the month of September.

Initial dues for New Members are prorated. If joining in Sep-Nov, pay full amount below; Dec-Feb pay 75%; Mar-May pay 50%; Jun-Aug pay 25%

Adult (ages 18 and older) ☐ \$30.00

Junior (ages 12 to 17) ☐ \$15.00

Additional Adult Member ☐ \$15.00

Family Membership ☐ \$40.00

Visit us on the Web at www.acaoh.org