



# Astronomy Club of Akron 2019 Observatory Schedule

5031 Manchester Road, Akron, OH [www.acaoh.org](http://www.acaoh.org)

- The following events are open to the public. Please join us for stargazing and educational activities. Please arrive on time to avoid headlight distraction.
- For notice of “impromptu star parties” not listed, send e-mail to [ACAstarparty@att.net](mailto:ACAstarparty@att.net) to request e-mail notification of unscheduled 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 respect those who set up their telescopes. Children should be supervised at all times. The observatory grounds are no place for toys or tomfoolery.
- 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).

## April 6 – 8:15pm

View the beautiful star clusters of Auriga through the 16” observatory telescope and view Beehive Cluster through the 100mm wide field telescope. Open clusters M46 & M47 are also on the observing list.

## April 27 – 8:30pm

**Special Event:** *Messier Marathon* – stay all night to observe all 110 Messier objects with ACA members. The Best Free Coffee in Akron will be brewing all night.

## May 4 – 8:45pm

Galaxies of the Virgo Cluster and Coma Cluster are well placed for observing and we should be able to catch some meteors from the Eta Aquarid Meteor Shower that peaks on May 6<sup>th</sup>.

## May 25 – 9:00pm

We’ll examine the Mizar-Alcor star system and double star 24 Coma Berenices, an Albireo look-a-like. An observing session and Sky Tour of the Spring Constellations will follow.

## June 1 – 9:00pm

Come out to view globular clusters tonight. These star clusters contain tens of thousands of stars in an area less than a 100 light-years across. We’ll examine M5, M53, M13, M92, and M3 and discuss globular cluster classification.

## June 29 – 9:00pm

Jupiter observing tonight! See Jupiter’s equatorial belts, possibly some festoons on the Jovian Disk, and the Galilean moons orbiting the planet.

## July 20 – 9:00pm

Jupiter is first on the observing list, followed by open cluster NGC6633, Wild Duck Cluster, Ring Nebula, Swan Nebula, and M26 Star Cloud.

## July 27 – 9:00pm

Planet Viewing Tonight– We’ll be observing Jupiter & Saturn while stars fall from the sky as the Delta Aquariid Meteor Shower peaks tonight!

## August 31 – 8:30pm

Come out this evening to view a variety of celestial objects starting with the Coathanger asterism followed by Ring Nebula, Wild Duck Cluster, and open clusters M25 & M23. Then we’ll catch some butterflies netting Butterfly Cluster M6 and Black Swallowtail Butterfly Cluster IC4665.

## September 21– 8:00pm

Saturn is first on the observing list, followed by Dumbbell Nebula, open cluster NGC6709, and globular clusters M56, M71, and M15.

## September 28– 7:30pm

This evening we’ll be viewing open clusters M52, M29, and M39 as well as double star Albireo. And, we’ll have a Sky Tour of the Summer Constellations

## October 19 – 7:00pm

Tonight we’ll observe Ring Nebula, Cat’s Eye Nebula, Blue Snowball Nebula, Blinking Nebula, Saturn Nebula, Blue Flash Nebula, and Herschel’s Garnet Star.

## October 26 – 7:00pm

**Classical Musical Night:** Come out to listen to the best musical selections of Mozart, Bach, & Vivaldi by which to gaze at the stars. On the observing list are Herschel’s Double Cluster, Andromeda Galaxy, and ET Cluster.

## November 11 – 7:30am – 1:00pm

**Transit of Mercury** – This is a solar event starting in the morning at 7:35am. This event requires special equipment set up by our group to avoid permanent eye injury. See our website for observing location.

\*\*\* 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](mailto: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.