



Astronomy Club of Akron 2021 Observatory Schedule

5031 Manchester Road, Akron, OH www.acao.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 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).

June 5 – 9:00pm

Double Star Observing: We'll view 24 Coma Berenices, the Mizar-Alcor system, and Cor Caroli. An observing session and Sky Tour of the Spring Constellations will follow.

June 12 – 9:00pm

Come out to see The Great Hercules Cluster this evening. This star cluster contains 500,000 stars and is relatively close to us so the 16-inch observatory telescope resolves it quite nicely!

July 10 – 9:00pm

Globular Cluster Night: 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, M10, & M12 and discuss globular cluster classification.

July 31 – 9:00pm

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.

August 28 – 8:00pm

Come out to observe Saturn and its magnificent ring system. Saturn reached opposition on 8/2 so it will be well placed for viewing at star party time. Jupiter observing will follow as we observe equatorial belts of Jupiter and the Galilean Moons Io, Europa, Callisto, and Ganymede.

September 4– 8:00pm

We'll start with Saturn and Jupiter observing followed by viewing of Blinking Nebula, open clusters IC4665 & NGC6709, and globular clusters M71 & M15. Sky Tour of the Summer Constellations will follow.

September 11– 7:45pm

We'll be viewing celestial objects in the constellation Cygnus including open clusters M39 & M29, globular cluster M56, double star Albireo, and the Cygnus Star Cloud using the 100mm wide field telescope.

October 2 – 7:15pm

Planetary Nebula Night: Observe Ring Nebula, Cat's Eye Nebula, Blue Snowball Nebula, Blinking Nebula, Saturn Nebula, Blue Flash Nebula, and Herschel's Garnet Star.

October 9 – 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. We'll start our star party with Venus observing. Then, we'll observe star clusters and galaxies including Andromeda Galaxy, Herschel's Double Cluster, and ET Cluster. We'll view Andromeda Galaxy and its companion galaxy M32 through the 16-inch observatory telescope and then through the 100mm wide field telescope. We may see some stragglers from the Draconids Meteor Shower that peaked on October 7th

*** Covid 19 Rules at ACA Observatory ***

- Masks are required at all times until further notice.
- Maintain 6 feet from other observers unless they are part of your group.
- For additional star party planning by ACA, please respond to e-mail notification or send e-mail to acastarparty@att.net for star party reservation if you plan to attend a given star party.
- Other than telescope operators, only two observers in observatory at a time.

*** 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.