



Astronomy Club of Akron

2022 Observatory Schedule

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

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).

April 2 – 8:15pm

We'll view the beautiful star clusters M35 & M37 through the 16" observatory telescope and view Beehive Cluster through the 100mm wide field telescope.

April 23 – 8:30pm

We might see some stragglers from the Lyrid Meteor Shower that peaked on April 22nd while observing star clusters and nebulae. We'll have a Sky Tour of the constellations.

April 30 – 8:30pm

Ghost of Jupiter is our featured object. Open star clusters M67, M48, Beehive Cluster, and globular cluster M53 are also on the observing list.

May 21 – 9:00pm

The Virgo Galaxy Cluster is well placed for observing. We'll also observe Bode's Galaxies, the Whirlpool Galaxy, and Sombrero Galaxy.

May 28 – 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 Constellations will follow.

June 4 – 9:00pm

We'll view a Crescent Moon this evening seeing craters near the terminator in shadow with their central peaks lit up by the grazing angle of the Sun.

June 25 – 9:00pm

Come out to view globular clusters tonight. These star clusters contain tens of thousands of stars in a volume less than a 100 light-years across. We'll examine M5, M53, M13, M92, M10, & M12 and discuss globular cluster classification.

July 23 – 9:00pm

Come out to see open cluster NGC6633, Wild Duck Cluster, Ring Nebula, M26 Star Cloud, and Swan Nebula using an OIII filter.

July 30 – 9:00pm

Tonight we'll view Butterfly Cluster & Ptolemy Cluster through the 16" observatory telescope and 100mm wide field telescope.

August 20 – 8:45pm

Observe Coathanger asterism through the 100mm wide field telescope and Ring Nebula, Wild Duck Cluster, and open clusters M25 & M23 through the 16" observatory telescope.

September 17– 8:00pm

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.

September 24– 7:30pm

Magnificent Saturn is well placed for observing! View Saturn's Rings, Cassini's Division, and Saturn's moons. We'll also have a Sky Tour of the Constellations.

October 22 – 7:00pm

View the largest planet in our solar system – Jupiter. See Jupiter's amazing cloud structure and Galilean Moons first discovered by Galileo in 1610.

October 29 – 7:00pm

Come out to view the Crescent Moon, and then observe Andromeda Galaxy, Herschel's Double Cluster, Blue Flash Nebula, Blue Snowball Nebula, and ET Cluster. We'll also be viewing the planets Jupiter and Saturn.

*** 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.