

Wabash Valley Astronomical Society Membership Application

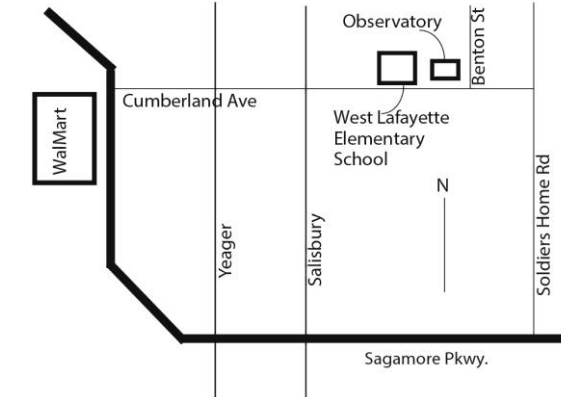
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www.wvastro.org

Name: Date:
Address:
City: State: ZIP+4:
Phone: E-mail:

Annual WVAS membership dues (includes monthly electronic copies of *The Nebula* newsletter) \$ 30.00
Include all immediate family as WVAS members (\$10.00) \$
Subtract \$5.00 if you are a full-time student - \$
TOTAL \$

Checks should be made payable to WVAS. Please give this form and your check to the WVAS Treasurer or mail them to Treasurer, Wabash Valley Astronomical Society, P.O. Box 2020, West Lafayette, IN 47996-2020. Alternatively, you may join online and pay by credit card at www.wvastro.org



Wabash Valley Astronomical Society

P.O. Box 2020

West Lafayette, IN 47996-2020

WVASinfo@gmail.com

www.wvastro.org

 @WVASstars

 /WVASstars

Open meetings at 7 p.m. on the 1st Saturday of each month at the West Lafayette Observatory and also via Zoom.

(unless otherwise indicated on our web site)
Send Zoom request to WVASinfo@gmail.com

Affiliations



Astronomical League



International Dark-Sky Association



NASA Night Sky Network

Wabash Valley Astronomical Society

2022



Join Us
and
Discover the
Universe...



Photo credit: M51, the Whirlpool Galaxy, by member Eric Bowen.



West Lafayette Observatory

East side of West Lafayette Elementary School
600 Cumberland Ave.
West Lafayette, IN

Observatory Information: 16", 13", 10", and 8" diameter telescopes, Lunt LS60TH α solar scope.

Astronomy is a fascinating hobby. Share in the wonders of our universe. Observe or photograph memorable objects in the sky.

- ★ The Moon
- ★ Constellations
- ★ Galaxies
- ★ Comets
- ★ Meteor Showers
- ★ Milky Way
- ★ Asteroids
- ★ Earth Orbiting
Man-Made Satellites
- ★ Solar & Lunar Eclipses
- ★ All the Planets
- ★ Safe Observing of Solar Flares & Sun Spots
- ★ Aurora Borealis
- ★ Nebulae and More!



Photo credit: Jupiter,
by club member J.S.R.

Why Become a Wabash Valley Astronomical Society Member?

- ★ Fellowship with other astronomy-loving amateurs
- ★ Meet/Teach groups interested in astronomy
- ★ Borrow an 8" WVAS telescope
- ★ Informative monthly newsletter, *The Nebula*
- ★ Learn something about astronomy at each open meeting during presentations and "Astronomy News" discussions
- ★ Take part in star parties and observing sessions attended or sponsored by our club
- ★ Share observing through a variety of telescopes owned by fellow members
- ★ Solid advice on buying your first telescope
- ★ Be a part of promoting astronomy at schools, outings, and festivals
- ★ Astronomical League and NASA Night Sky Network membership
- ★ Promote dark skies in North Central Indiana



Prairie Grass Observatory at Camp Cullom

Observatory Information: 28" Starmaster telescope, 16" Meade LX200R telescope, 7" Meade ED APO refractor telescope, 100 mm binoculars on universal mount, warming room w/ DSL internet.

Wabash Valley Astronomical Society 2022 Public Stargazing Events

The Wabash Valley Astronomical Society hosts several free public stargazing Open Houses, normally at the West Lafayette Observatory. Join us to observe our moon, sun, planets, constellations, star clusters, nebulas, and even other galaxies. Viewing is done with the naked eye, binoculars, and telescopes. Activities may include constellation identification, slide shows, and viewing celestial objects. Dates and times for this year's scheduled Open Houses are:

April 2	8:30-10:00 p.m.
May 7	9:00-10:30 p.m.
Sept. 10	8:30-10:00 p.m.
Oct. 1	8:30-10:00 p.m.
Nov. 5	Telescope Fair

In case inclement weather cancels stargazing, the slide show may still be presented indoors. Note that masks may be required when looking through telescopes or when indoors.

Additional events may be scheduled during the year. Dates, times, locations, and any changes are listed in the Public Events section of our web site (www.wvastro.org).

We're also a primary host of the annual **Indiana Family Star Party** weekend (**July 26-31**) at Camp Cullom, near Mulberry) and we assist with other events at that location. See indianastars.com for a schedule of Prairie Grass Observatory (PGO) events.

Good Meteor Showers in 2022

Shower Name	Morning of Peak	Radiant & Direction	Hourly Rate
η Aquarids	May 6	Aquarius (E)	10-60
τ Herculids	May 31	Hercules (E)	50+
δ Aquarids	July 30	Aquarius (S)	20
Orionids	Oct. 21	Orion (SE)	10-20
Leonid	Nov. 19	Leo (E)	50-200?
Ursid	Dec. 22	Ursa Minor (N)	10