

Wabash Valley Astronomical Society Membership Application

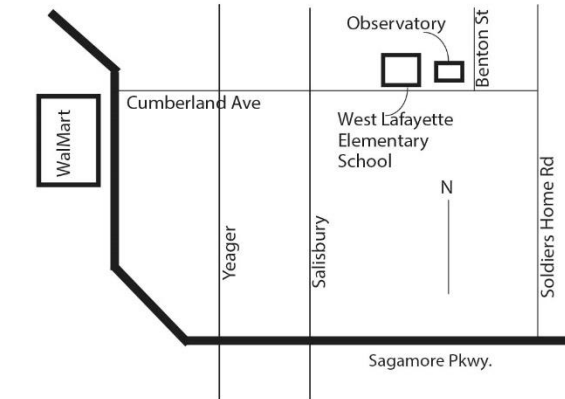
(Please Print Clearly)

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
f /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

2023



Join Us
and
Discover the
Universe...



Photo credit: M33
The Triangulum Galaxy
by member Scott Sudhoff



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:
 Solar Prominence
 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.

WVAS 2023 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 1	8:30-10:00 p.m.
May 6	9:00-10:30 p.m.
June 3 (solar)	1:00-3:00 p.m.
Sept. 9	8:30-10:00 p.m.
Oct. 7	8:30-10:00 p.m.
Nov. 4	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 18-23**) 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 2023

<u>Shower Name</u>	<u>Morning of Peak</u>	<u>Radiant & Direction</u>	<u>Hourly Rate</u>
Lyrids	April 23	Lyra (ESE)	18
Perseids	Aug. 12	Perseus (NE)	100
Draconids	Oct. 9	Draco (NNW)	10
Orionids	Oct. 21	Orion (SE)	20
Leonids	Nov. 18	Leo (E)	15
Geminids	Dec. 14	Gemini (high)	100+