

Wabash Valley Astronomical Society Membership Application

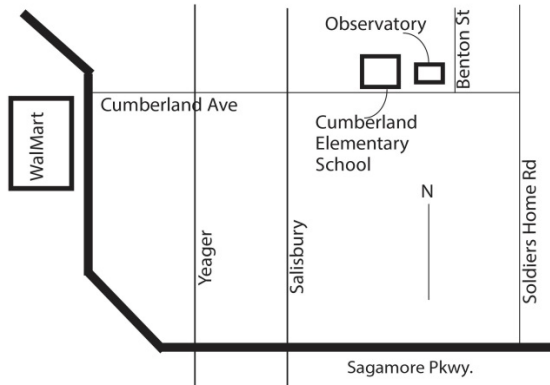
www.stargazing.net/wvas/

(Please Print Clearly)

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) \$
Astronomy magazine subscription (1 year for \$34.00, 2 years for \$60.00) \$
Sky&Telescope magazine subscription (1 year for \$32.95) \$
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.



Wabash Valley Astronomical Society

P.O. Box 2020

West Lafayette, IN 47996-2020

WVASinfo@gmail.com

www.stargazing.net/wvas/

 @WVASstars

 /WVASstars

Prairie Grass Observatory

www.indianastars.com

Open meetings at 7 p.m. on the 1st Saturday of each month at the West Lafayette Observatory
(unless otherwise indicated on our web site)

Affiliations



Astronomical League



International Dark-Sky Association



NASA Night Sky Network

Wabash Valley Astronomical Society



Join Us
and
Discover the
Universe...

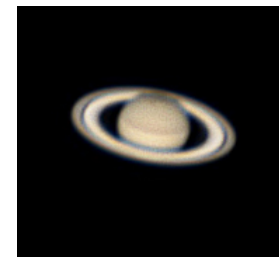


Photo credit: Saturn image by member John Rubacha

Revision 1/7/19



West Lafayette Observatory
at Cumberland Elementary School
600 Cumberland Ave.
West Lafayette, IN

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

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: M51, the Whirlpool Galaxy, by member Eric Bowen

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 membership
- ★ Promote dark skies in North Central Indiana



Prairie Grass Observatory at Camp Cullom

Observatory Information: 28" Starmaster telescope, 16" Newtonian reflector, 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 2019 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 6	8:30-10:00 p.m.
May 4	9:00-10:30 p.m.
Sept. 7	8:30-10:00 p.m.
Oct. 5	8:30-10:00 p.m.
Nov. 2	8:30-10:00 p.m.

In case inclement weather cancels stargazing, the slide show will still be presented indoors.

Additional stargazing 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.stargazing.net/wvas/).

We're also a primary host of the annual **Indiana Family Star Party** weekend (**July 27-28**) 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.

Major Meteor Showers in 2019

Shower <u>Name</u>	Morning <u>of Peak</u>	Radiant & <u>Direction</u>	Hourly <u>Rate</u>
Lyrid (*)	April 23	Lyra (NE)	10-20
Delta Aquarid	July 29	Aquarius (S)	20-60
Perseid (*)	Aug. 13	Perseus (NE)	90
Taurid (S.) (*)	Nov. 5	Taurus (S)	10-20
Leonid (*)	Nov. 18	Leo (NE)	10-20
Geminid (*)	Dec. 14	Gemini (S)	100-120

* May be diminished by bright moonlight.