

Skokie Valley Astronomers

The Star Gazette

<https://SkokieValleyAstronomers.org/>

Always check the Meetings page of the website for the latest information!

Our next meeting, **Friday, November 14, 2025, 7:30 PM**, will be Zoom only! Please check the website Meetings page for the latest information and Zoom link.

Dr. Jennifer Wiseman, an astrophysicist at the NASA Goddard Space Flight Center, and the Senior Project Scientist for the Hubble Space Telescope (HST), gave this presentation at the 246th meeting of the American Astronomical Society. Her primary responsibility as senior project scientist is to ensure that the HST is as scientifically productive as possible. Her presentation celebrates 35 years of science of the HST, including the people who imagined, designed, built, manage, and use it, and also includes a vision for its future.

The Hubble Space Telescope at 35 and Eyeing the Future (Video)

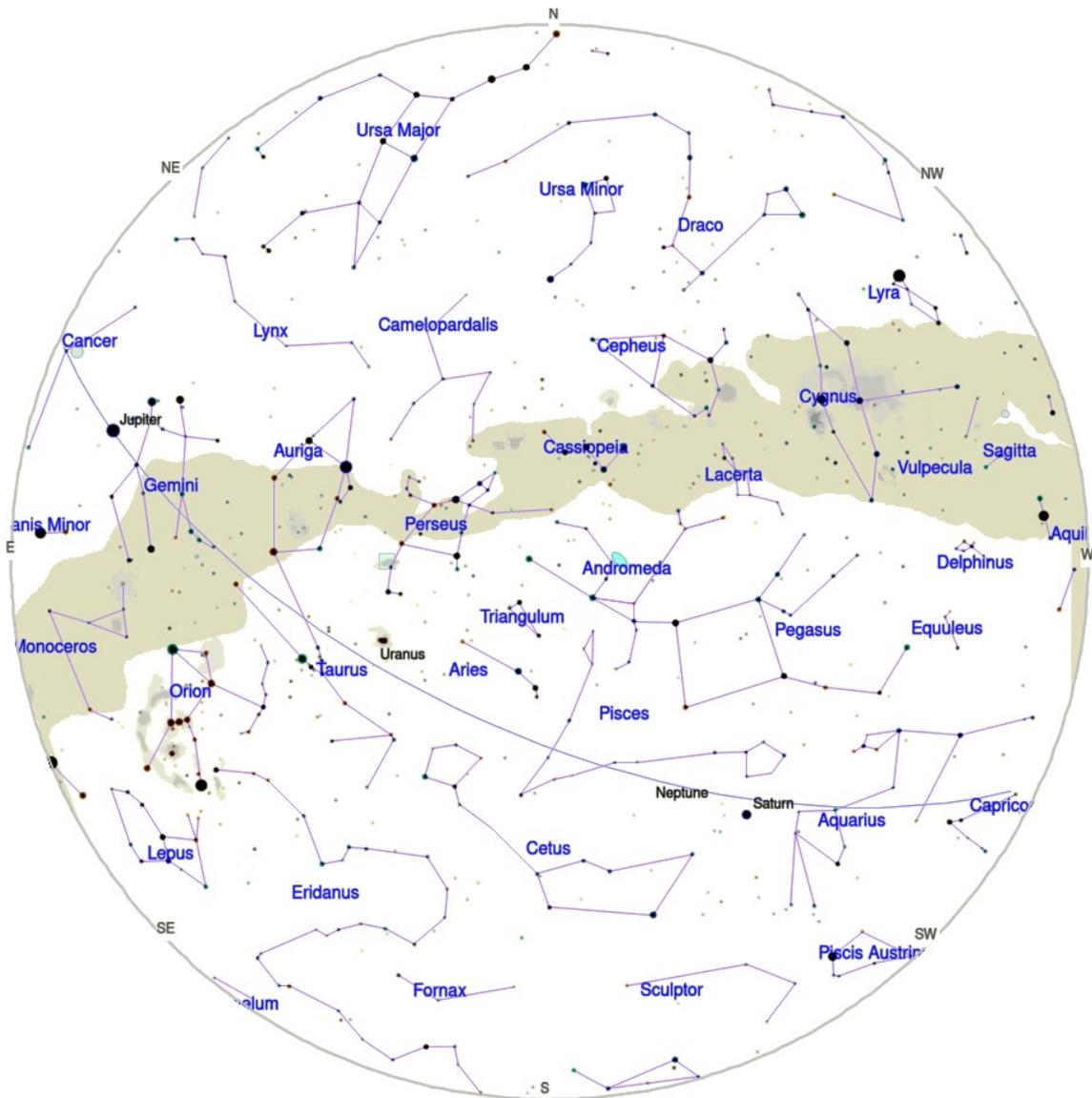
Skokie Valley Astronomer club dues are \$30 per year, which runs from April to March. Please check your mailing label. Does it say "**member through March 2026**"? If not, please consider becoming a member.

2025 Date	Talk	Speaker	Moon Elongation and Phase
December 12	Backyard Deep Sky Astrophotography for the Masses	Fred Weichselbaum	75°W – Last quarter

Over the past couple of years, two Chinese companies have designed and marketed automated devices that address the complexities and costs associated with traditional deep sky object (DSO) astrophotography. Club member Fred Weichselbaum will compare these relatively low cost and highly portable "smart telescopes" with the more traditional astrophotography rigs in which very serious star gazers typically invest. One of the devices, Dwarf Lab's "Dwarf 2", will be on display along with examples of images it produces.

2026 Date	Talk	Speaker	Moon Elongation and Phase
January 9 Details TBD	SVA Party Night	(The Membership)	95°W – Last quarter
February 13	Capturing the Night Sky with Just a Cellphone... And More If You Have a Telescope	Andy Weeks	39°W – New Moon

Have you ever wanted to take a picture of the night sky with your cell phone? Were you thrilled with the results? Andy Weeks, who has held many positions in the Fox Valley Astronomical Society, will discuss the basics of how to use your cellphone camera to photograph the night sky and teach tips and tricks to make the most of what you have available. Then he'll describe how a simple and inexpensive cellphone holder can be attached to an eyepiece of a modest telescope to yield even more spectacular results.



Universal Time (UTC): Saturday 2025-11-15 04:00:00
 UTC Adjustment (Time - UTC): -06:00

 Date, Time: Friday 2025-11-14 22:00:00
 Longitude: West 87.80861° = 87° 48' 31"
 Latitude: North 42.07306° = 42° 04' 23"
 Julian Day: 2460994.66666667 (+102.7s = Dynamical time)
 Local Sidereal Time: 01h 48.5m
 Moon Phase: Last Quarter +35°

Object	--Equinox of Date--		---Horizon---		---Ecliptical---		Angrl Size	Illum
	RA	Dec	Azimuth	Alt	Elong	Constel		
Sun	15h 22.6m	-18° 31'	132° NW	-58°		Lib	32.3'	
Mercury	16h 09.4m	-22° 12'	113° WNW	-54°	12° E	Sco	9.5"	10%
Venus	14h 33.2m	-13° 46'	158° NNW	-59°	13° W	Lib	10.2"	98%
Mars	16h 23.2m	-22° 06'	110° WNW	-51°	15° E	Sco-Oph	3.9"	99%
Jupiter	07h 48.4m	+21° 13'	254° ENE	+14°	118° W	Gem	42.3"	
Saturn	23h 46.6m	-04° 05'	39° SW	+36°	122° E	Psc	18.4"	
Uranus	03h 50.2m	+19° 53'	301° ESE	+56°	173° W	Tau	3.8"	
Neptune	00h 00.5m	-01° 25'	36° SW	+40°	127° E	Psc	2.3"	
Pluto	20h 19.1m	-23° 28'	67° WSW	-9°	69° E	Cap	0.1"	
Moon	11h 49.2m	-00° 20'	221° NE	-39°	55° W	Vir	29.7'	22%