

www.holland-saaa.org
The Shoreline
Observer
July 2025

In this issue:

- Club Notes
- Calendar and Events
- Night Sky: NASA
- What in the June Sky
- Kid's Corner
- Kid's Corner Extra
- Public Event: Humanity Series in Kirk Park (SVSU)
- Which Star am I?
- Club History Moment
- Equipment for Sale
- NASA Photo of the Day
- Club Photos
- Club Merchandise
- Publication information

SAAA Summer Schedule

Please remember, there are no Club Meetings June-July-August. But, we continue, weather dependent, on sky watching at the Observatory those nights.

We hope you'll join us on a clear night sky to see what is there.



CLUB NOTES

Hello Members.

I hope you are enjoying the warmer weather and have a great time when you are heading for a vacation destination. We are still busy at SAAA despite us not having meetings.

On Saturday July 5th you can join us for public observing as we have every Friday when we have clear skies (a rarity in so far in 2025 on Friday's).

On July 26th, Barry Schoenfelner is giving a presentation at the Gary Byker library in Hudsonville at 11 am.

SAAA is preparing for a 2nd scope mounted on the existing Meade 16" to be able to display our view via a digital camera on a TV screen outside the observatory. This enables people who wait outside for their turn to observe to see what they can expect when they observe through the 16".

SAAA also ordered most of the parts for the All Sky camera. This will be built over the summer and made operational.

Hemlock Crossing County Park will install a weather station and SAAA will get access to the data so there is no need for us to invest money.

In 2025, there are a couple of occasions where we can see Saturn's moon Titan transit the planet. This happens only every 15 years! More info on this with dates and times please check:

https://skyandtelescope.org/astronomy-news/observing-news/titan-shadow-transit-season-underway/

I assume you have seen the first pictures made available by the Vera Rubin Telescope in Chile. They look stunning and it shows again how beautiful the night sky is.

If people are interested in the activities of the Muskegon Astronomical Association please visit their web site http://www.stargazing.net/mas/Mike Cortright an active member of SAAA is their current President.

SAAA received a donation from Hope College of Holland of a 12" Meade Telescope with tripod and a vintage 3" reflector with a wooden tripod on an altazimuth mount. I would like to thank, on behalf of SAAA, Dr. Paul A. DeYoung for his outreach and support in getting this donation for SAAA. The scopes will find a good new spot at SAAA and will be used to support public observing.

Happy 4th of July and clear skies, Karl Rijkse President SAAA

Calendar and Upcoming Events

Public Observing

When Every FRI evening starting at sunset (weather permitting) and on first SAT during the summer.

Where Hemlock Crossing Public Observatory, 8115 W Olive Rd, West Olive, MI 49460, USA

Description The observatory is open from our start time until 11 PM (weather and clear sky permitting, see note after October 14th). There are no entry fees. Please be aware that the park gate closes automatically at 10 PM sharp, therefore visitors must arrive before 10 PM to enter the park. You will be able to leave as you wish. **Visible night sky objects**: planets, the Moon, deep sky objects like galaxies, star clusters and planetary nebulae.



Summer Club Lectures

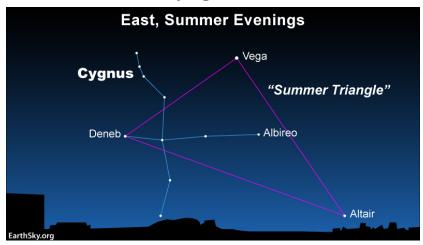
Public viewing at the Observatory 45 minutes after sunset if skies are clear. Please see above for notes about Park closing time.

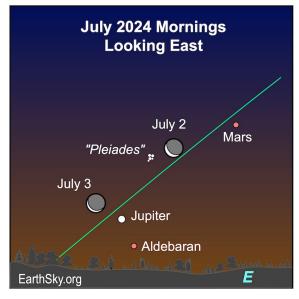
July 2025

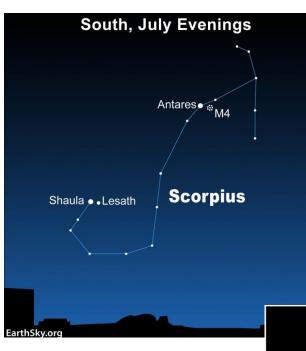
SUN 29	MON 30	TUE Jul 1	WED 2	THU 3	FRI 4	SAT 5
					8pm Public (8pm Public
ForMo	7	8	9	10	11 • 8pm Public (12
lease 90 f	Infortation	15	16	17	18 • 8pm Public (19
20	21 0//2	15 On Apy Ev	23 1971	24	25 • 8pm Public	7/26 11AM Barry Schoenfeli presentation a Gary Byker Libra
27	28	29	30	31	Aug 1 • 8pm Public (Hudsonville 2 8pm Public

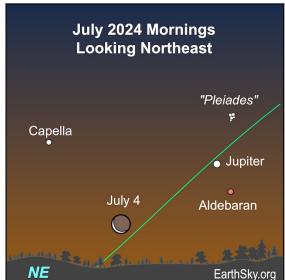
What's in the Sky this Month: July

Information from EarthSky.org









July 2025 Evenings
Looking Southeast

July 10 SAGITTARIUS

Full Buck Moon

SE

EarthSky.org

Amateur Radio Retransmission of Shuttle Audio/Video

From NASA SPACELINK

Provided by the NASA Educational Affairs Division. Operated by the Marshall Space Flight Center

The Goddard Space Flight Center Amateur Radio Club (GARC) has transmitted, by Amateur Radio, NASA Select audio on the following frequencies: 75 Meters: 3.860 MHz U.S. and Canada coverage* 40 Meters: 7.185 MHz World wide coverage* 20 Meters: 14.295 MHz World wide coverage*

20 Meters: 14.295 MHz World wide coverage* 15 Meters: 21.395 MHz World wide coverage* 10 Meters: 28.650 MHz World wide coverage*

AO-13 (AMSAT OSCAR-13) Satellite; 145.945 MHz. Primary; 145.955 MHz. Alternate. This Mode B requires a satellite-high gain antenna

*Coverage is dependent on Solar Activity and Ionosphere conditions. With a good short-wave receiver and outside antenna, reception should be possible. Due to ionospheric conditions and time of day/night, certain bands have better reception. A search of each band is recommended.

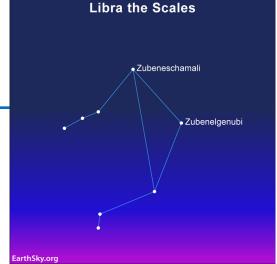
The GARC plans to re-transmit Shuttle video on Amateur TV for hams and ham TV watchers in the Washington, DC area. Contacts at GSFC: Russ Jones, N3EGO, or Frank Bauer, KA3HDO.

The Marshall Center Amateur Radio Club will re-transmit NASA Select audio at 147.100 and 145.100 MHz. These transmissions can be heard only in the local Huntsville, Alabama area.

This Month in Club History September 1992

If interested, please see our past newsletters online at <u>newsletters</u> on our website (that is a hot link, simply CTL-Click on it).

Very interesting discussion about how this worked in 1992.



What Star am I?

I'm the fifth brightest star in the sky
You might say I'm the "high note" of summer,
Just get my name right!
I'm a star, not a car,
Type A and 27 light years away.
You won't mistake me for another.

Surely the answer to this riddle someone will bring
If you think you know the answer, send it to Peter Burkey
at pburkey@comcast.net. The answer will appear here next month. Congratulations to SAAA member Victor Nieboer for submitting the correct answer for our
June star: Zubeneschamali located in the Libra constellation.

This Month in Astronomy History

July 3: Apollo 17 geologist/astronaut, Harrison Schmitt born - 1935

July 4: Mars Pathfinder lands on Mars - 1997

July 9: Voyager 2 flies past Jupiter - 1979

July 20: Humans walk on Moon for the first time - 1969

July 24: First rocket launched from Cape Canaveral - 1950

July 25: Svetlana Savitskaya becomes first woman to walk in space - 1984



Kids Corner

https://spaceplace.nasa.gov/ A place where kids and grown-ups have fun with chnology.

NASA Climate Kids: It's all about climate. https://climatekids.nasa.gov/

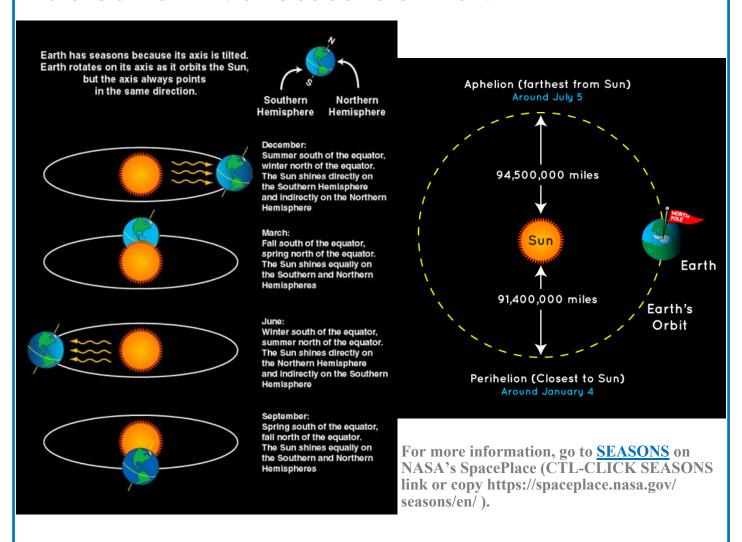




SciJinks: It's all about weather! https://scijinks.gov/

https://plus.nasa.gov/scheduled-events/

Kid's Corner Extra: Seasons on Earth





Club Photos: Galaxy Photos From our own Amateur Astrophotographer, Mike Cortright. More of his work is featured on our website.



M31

M31 - Great Andromeda Galaxy Distance 2.5 Million Light Years September 2019



M101

M101-Pinwheel Galaxy with SN2023ixf Supernova

Club Merchandise

Frank Roldan sent an email to everyone, May 21, about club merchandise. We have contacted our SAAA clothing supplier to check current costs. In two years, there has been a little increase but not as bad as we expected.

Below is the order form for hats, t-shirts and sweatshirts. There is no sales tax or postage.

Please send your orders along with a check for the full amount to me at:

Frank Roldan 15420 Groesbeck Street Grand Haven, MI 49417

We will send group order to the supplier on July 15. We expect to have your orders for pick at our Thursday, September 11th, membership meeting at the Macatawa Bay Middle School planetarium.

Questions? Drop him an email at roldanfrank@gmail.com

	SHORELINE AMATEUR	ASTRONOMIC	CAL ASSOCIAT	ION		
	SAA	A CLOTHING				
Rev 4, May 2	21, 2025					
NAME:						
		CIR	CLE DESIRED	SIZE		
QUANTITY	ITEM	S M L XL	2X	3X 2X 5X	TOTAL	
	Baseball cap	Adjı	ustable - \$3	7.00		
	T-shirt, short sleeve	\$12.00	\$14.00	\$16.00		
	T-shirt, short sleeve, tall	\$13.00	\$15.00	\$17.00		
	T-shirt, long sleeve	\$16.00	\$18.00	\$20.00		
	T-shirt, long sleeve, tall	\$18.00	\$20.00	\$22.00		
	Sweatshirt, crew neck	\$20.00	\$23.00	\$25.00		
	Sweatshirt, crew neck, tall	\$23.00	\$26.00	\$28.00		
	Sweatshirt, pullover hood	\$28.00	\$30.00	\$32.00		
	Sweatshirt, pullover hood, tall	\$30.00	\$32.00	\$34.00		
	Sweatshirt, full zip, hood	\$36.00	\$39.00	\$42.00		
	Sweatshirt, full zip, hood, tall	\$39.00	\$42.00	\$45.00		
NOTES:						
	and sweatshirts are black, white silkscree			t and the Orion c	onstellation on the back	
	2.00 from price if you do not want the Oric re black, embroidered white SAAA logo (m			ame on the back		
	o sales tax because SAAA is tax exempt.	mas name, on m	ont and JAAA II	anie on the back		
5. SAAA will	take care of getting the order from the ma	nufacturer. Arra	ngements will l	be made with me	mbers once order is deli	vered.



Selling Equipment?

If you want to sell your telescope or other astronomy equipment, we will provide space here, on this page of our newsletter.

Any member interested in selling their astronomy equipment to other members they can do this via the Newsletter. SAAA will not be otherwise involved or responsible for any bidding/selling transactions. The member should list the asking price, a picture and phone number to be reached at in order to be contacted directly. Please send to Barb/Editor (barbwbrown@hotmail.com) seven (7) days before the end of any month in order to be included in the next month's issue.

Keyholder Schedule

Members, please see our membership roster for contact information in order to schedule for the Keyholder in order to schedule an Observatory private tour.

JUN 29-JUL 5	Frank Roldan		
JUL 6-12	Barry Schoenfelner		
JUL 13-19	Michael Long		
JUL 20-26	James Reier		
JUL 27-AUG 2	Harold Reitsema		
AUG 3-9	Karl Rijkse		



NASA's Photo of the Day!

https://apod.nasa.gov/apod/astropix.html features the NASA photo of the day.

Have you missed a copy, or lost one, or just want to browse old issues of Astronomical League's *Reflector*? **Astronomical League's quarterly** *Reflector* **magazine:**

https://www.astroleague.org/reflector/

Publication Information

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Editor is appointed by the SAAA board. Email: barbwbrown@hotmail.com Previous Issues of our newsletters are found on our website at: Holland-saaa.org

Not sure received your copy of Reflector, or, looking for a past issue?

Digital copies of the Astronomical League's quarterly Reflector magazine can be found at:

https://www.astroleague.org/reflector/