Event Horizon

Volume 33, Number 1
November 2025

From The Editor

Here's the first edition of the Event Horizon for Hamilton Amateur Astronomers as a not-for-profit corporation. And here's our new official logo in the masthead above.

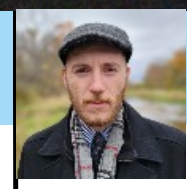
October was a busy month! Two comets! And lots of deep-sky images by our members!

Thanks to all contributors!

Clear Skies,

Bob Christmas,
Editor

editor 'AT' amateurastronomy.org



Chair's Report by Kevin Salwach

Hello fellow stargazers. Welcome to the newly incorporated Hamilton Amateur Astronomers. It's been a long road over the last two years, but the journey is now finally complete, and the big hurdles have all been passed. Now as the new year approaches, it's time to get back to our roots, while also look ahead, and look up.

For those of you who don't know me, I have been a member of the HAA since I was 12 years old, joining way, way back in 2009. In that time, I've given presentations to the club at the old Spectator Building, McMaster Innovation Park, and St. Matthew's Church. I have been a councillor-at-large, club Secretary, and Observing Director (a post I will be continuing on in), and I have spent many a dewy, cold night with lots of you out under the stars – all great privileges and great memories I will always cherish. I am thankful to the club for the opportunity to be Chair, and look forward to working with Council, and all of the membership over the next year

(Continued on page 2)

IN THIS ISSUE:

Chair's Report (continued)

to keep the HAA what it is – the best astronomy club in Canada – and to grow and spread the joy and wonder of stargazing with as many people in the Hamilton area as we can.

Starting next month, I will try and keep all my Chair Reports – both in the EH and at monthly meetings – as concise and to the point as I can, but this month's will be a bit longer, naturally.

First off the bat, I'd like to give a huge thank you to our outgoing Chair, Sue MacLachlan, for all the hard work and dedication she has given the club over the past few years, both as Second Chair and as Chair – and for navigating the legalese and headaches of incorporation. Her efforts are greatly appreciated, and the club owes her a huge thanks for the long hours she put in organizing events, answering emails, sitting in at meetings, contacting speakers, and keeping the group running smoothly. Thank you Sue!

Also a huge thanks to all of our outgoing council members from the past Association, for the support, insight and help they gave navigating this process, and for doing all the things they do in their respective positions.

Second, I'd like to single out our outgoing Digital Platforms Director, Chris Strejch, for the hard work he has given the club over the past 5 (6? 7?) years in his role. For navigating us through COVID, doing all the behind-the-scenes tech work, and for allowing the membership to be able to take advantage of joining in to hybrid meetings each month from their homes. His skills and knowledge have been unbelievably helpful to the HAA, and he will be missed in the role, but has left us a great foundation to continue on in as we navigate the modern digital world. He has kindly agreed to host one last meeting this month while Council sets up a new tech system for our monthly meetings, so a huge thanks to Chris.

Now, onto business. Now that the HAA is incorporated, Council structure has changed significantly from what it was in the past. Part of the reason for incorporating was to take the burden off a few people and spread out the efforts of running the group among the club. The goal is to have more members become more active and more involved, so in turn…we can get more members….and become more active…and become more involved! Education Team Director and Members Services Director are still open, should anyone want to put their name forward.

I also wish to let the club know that I put my name down for Chair at the October meeting because there were no other volunteers to come forward – and the newly incorporated club certainly needs a Chair. I am excited and happy to do as much work as I can for the club – but on the 12th of this month I begin a new career in an entirely new industry, and my work schedule may become increasingly chaotic. As such, though I will continue to do all the necessary work as Chair in the background, I can't guarantee I will make every monthly meeting. Therefore, I would like to ask for volunteers who regularly and reliable attend monthly meetings in person to come forward to act as standby hosts for each meeting. This will not be a Council position, nor have any official duties under the club by-laws – you will simply be on standby to read off new announcements, introduce our speaker, give out the door prizes, and conclude the night in the hall at St. Matthew's. I will provide you with all the information, talking points and PowerPoints you need. I would greatly appreciate it!

(Continued on page 3)

Masthead Photo: *Comet C/2025 A6 (Lemmon)*, by *Bob Christmas*.

Taken with a ZWO Seestar S50 imager, in altazimuthal mode, from near Barry's Bay, ON, at 5:09am, on October 14, 2025.

Exposures: 18 x 10 seconds; 3 minutes total. Post-processed in The Gimp.

Chair's Report (continued)

As for events this month, we have the following:

November 9th – the Dundas Valley Orchestra will be presenting *Our Space Odyssey*, a concert featuring astrophotos from HAA members at 3:00PM at St. Paul's United Church, 29 Park Street West, Dundas (see announcement on page 5). The club will have an information booth set up at the concert's reception afterwards, with children's activities before the concert. Admission is free, so go join if you are able to hear some wonderful music and see the wonderful shots from your fellow club members!

November 14th – our regular monthly meeting at St. Matthew's in Burlington, featuring *Doug Turner*, editor of our 2026 Celestial Events Calendar. Doug will be sharing astrophotos submitted for the calendar and will be joined by the members who took the photos to give insight and information on their lovely shots. Calendars will also be available for sale. Doors open at 7PM, with the meeting starting promptly at 7:30.

November 22nd – our *Telescope Clinic* held at Valley Park Library (HPL) at 970 Paramount Drive in Stoney Creek, featuring club members who bring and set up their gear to help the general public with questions, concerns, technical issues and inquiries they may have regarding telescopes, astrophotography, stargazing gear and equipment, and amateur astronomy in general. Bring our your equipment and join us to do some outreach in the community. Doors open at 1PM.

Finally, on a personal note as Chair – our club is all about public education, public outreach, and the enjoyment of amateur astronomy. It's what we were founded on, and it's what we do. We're not a research group, we're not (well, most of us aren't) scientists, and we aren't paid to do any of this – as the name says – we're *amateur* astronomers, doing it for the love of the hobby. It is one of the few hobbies out there accessible to all. Sure, a $2000 scope is great, but you can see the Moon with your own two eyes from anywhere. You can watch an eclipse, see the constellations, and with a pair of thrifted binoculars, you can see the photons of light from galaxies which have been travelling to Earth since before mankind even existed, only to end up in your eyes, and your eyes alone in that single moment. The whole universe is out there waiting to be seen, and that's the direction I want to take the club in – to show the universe to as many people as we can, and to spread the excitement, wonder and awe of stargazing to people across Hamilton and beyond. I want to increase our public outreach, increase our public events, grow our membership, grow our monthly meetings, and get us out under the stars as often as we can to see everything the night sky has to offer us. So, the new Council will streamline our business and behind-the-scenes operation, so we can get back to focusing on doing what we love.

Talking about streamlining, like I said, I promise next month's Chair Report will be a lot shorter…

Clear Skies,

Kevin Salwach

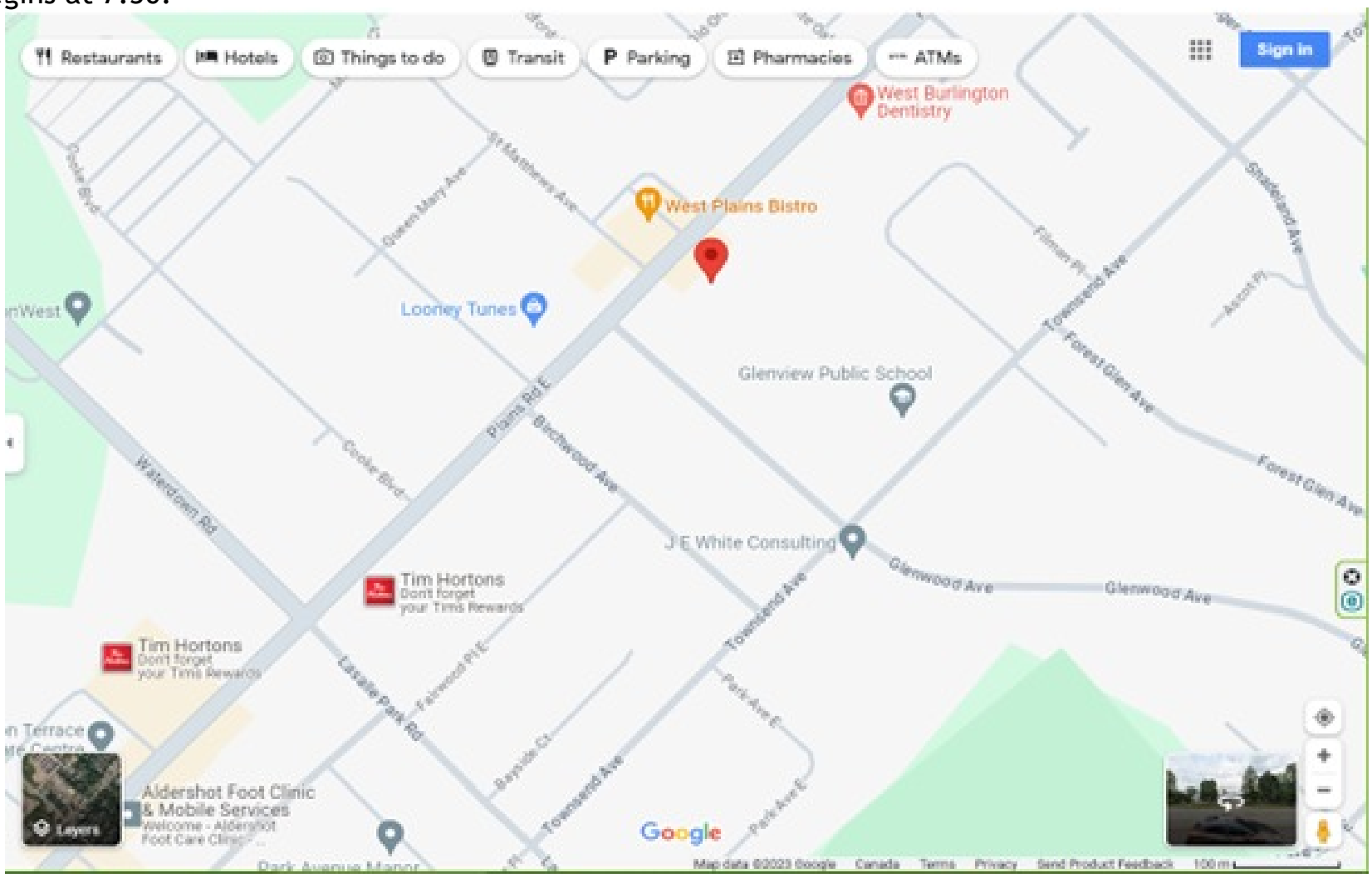
HAA Helps Hamilton

The H.A.A. is accepting and collecting donations from our members and guests for local food banks at our general meetings. The H.A.A. has always valued its relationships with food banks in the community, particularly Hamilton Food Share.

If you can't make an in-person meeting, you can make a donation directly to your local food bank.

Meeting Location

Our upcoming meeting is scheduled for *November 14th, 2025*, at St. Matthew on-the-Plains Anglican Church. St. Matthew's is located at 126 Plains Road East, Burlington, Ontario. Doors open at 7:00 and the meeting begins at 7:30.

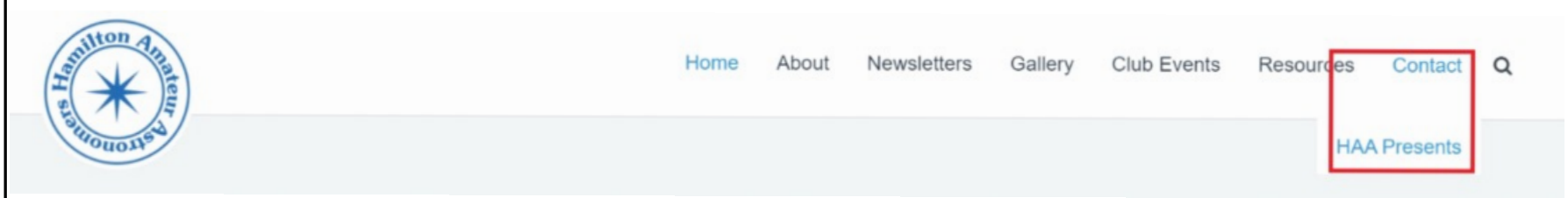


St Matthew on-the-Plains Anglican Church (indicated with red locator)
Image generated using Google Maps

"HAA Presents"

Members of the public of any age in the GTHA can now request an in-person or virtual presentation from the HAA directly on our website.

Simply navigate to www.amateurastronomy.org and select "Contact" from the top menu bar and then click on "HAA Presents" (see image below). You will be presented with a request form and once all required fields are entered, click on the "Submit" button and you will see a confirmation message that your request has been successfully submitted.



Once received, our Public Education Director, Jo Ann Salci, will respond to your request within 5 business days to discuss next steps. If you have any questions, feel free to send an email to: haapresents@amateurastronomy.org.


FREE ADMISSION
DONATIONS WELCOME
Hamilton
HAMILTON COMMUNITY FOUNDATION
Dundas Valley Orchestra
DUNDASVALLEYORCHESTRA.CA
LAURA THOMAS,
MUSIC DIRECTOR
DUNDAS VALLEY ORCHESTRA
in partnership with
HAMILTON AMATEUR ASTRONOMERS
presents
OUR
SPACE
ODYSSEY
NOVEMBER 9, 2025 | 3 P.M.
ST. PAUL'S UNITED CHURCH, DUNDAS
WITH GUEST VOCALIST SARENA PATON, VIOLINIST SOHAN MUKHERJEE – HAALSA YOUNG MUSICIAN AWARD WINNER, AND THE HAMILTON SUZUKI SCHOOL OF MUSIC.
PRE-CONCERT YOUTH EDUCATIONAL EXPERIENCE AT 2 P.M.

2025-2026 Event Dates

Sunday Nov 9, 2025	Dundas Valley Orchestra Concert in Partnership with the HAA	St Paul's United Church, 29 Park Street West, Dundas 2:00 - 5:00 pm
Friday Nov. 14, 2025	Monthly Meeting Speaker: Doug Turner and the Calendar preview	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington
Saturday Nov. 22, 2025	Telescope Clinic	Valley Park Library, Stoney Creek 12:00 - 5:00 pm for members 1:00 - 4:00 pm for public
Friday Dec. 12, 2025	Monthly Meeting Seasonal Social Speaker: John Moores, author of *Daydreaming in the Solar System*	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington
Friday Jan. 9, 2026	Monthly Meeting Speaker: Akbar Ahmed Chowdhury	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington
Friday Feb. 13, 2026	Monthly Meeting Speaker: Keith Momberquette: Astrophotography	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington
Saturday Feb. 14, 2026	Telescope Clinic/ Kids Workshop: Tentative	Valley Park Library, Stoney Creek
Friday Mar. 13, 2026	Monthly Meeting Speaker: TBD	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington
Friday Apr. 10, 2026	Monthly Meeting Speaker: TBD	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington
Friday May 8, 2026	Monthly Meeting Speaker: TBD	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington
Friday Jun. 12 2026	Monthly Meeting Speaker: TBD	St. Matthew on-the-Plains Anglican Church, 126 Plains Rd, Burlington

HAA Outreach Presentations with Vulnerable Sectors

The HAA executive has created a policy for any HAA member who wishes to do outreach presentations to vulnerable sectors, which includes children under 18 years of age and vulnerable adults. This does not include our general club outreach activities.

Presentations include in-person or virtual sessions where parents/guardians may not be present. **As it is not always possible to anticipate caregiver attendance at outreach activities for children under the age of 18, or vulnerable adults, it is therefore a requirement for HAA member-volunteers who work with these vulnerable populations to complete a Police Vulnerable Sector Check**.

These can be obtained only in your region of residency. Costs vary from one area to another. They will be kept on file by the HAA Education Director. No details regarding the findings of the check will be made in any way public or viewed beyond the HAA Education Director.

The HAA will reimburse any member who wishes to do outreach presentations to vulnerable individuals, provided a receipt is submitted.

Please contact Jo Ann Salci if you have any questions about this policy and/or if you wish to put your name forward to help with outreach activities to young people!

HAA Explorers 2.0 --- Careers Among the Stars: Jobs in Astronomy! by Fiza Mehfil

Have you ever looked up at the night sky and wondered what's out there? Maybe you've imagined visiting Mars, discovering a new planet, or finding clues about how the universe began. If that sounds exciting to you, then a career in astronomy might be perfect for you!

Astronomy isn't just about looking through telescopes—it's about exploring mysteries that are light-years away and learning how everything in space connects. There are many cool jobs in this field, each one helping us understand the universe a little more.

1. Astronomer

Astronomers study planets, stars, galaxies, black holes, and events like the Big Bang. Astronomers use powerful telescopes on Earth and in space (like the James Webb Space Telescope) to collect information. Astronomers study so many different things, ranging from exploding stars to how galaxies form or how exoplanets might have life.

To become an astronomer, you'll need to study math, physics, and computer science. Many astronomers work at universities or observatories, and they use computer models to simulate what happens in space. Every discovery they make helps us better understand the universe!

2. Aerospace Engineer

If you love to build and design, this career might launch your interest. Aerospace engineers create the rockets, satellites, and space telescopes that make space exploration possible. They figure out how to make machines that can survive in space, handle extreme temperatures, and travel long distances.

Aerospace engineers use physics, math, and design skills to turn ideas into reality. They might work with space agencies like the Canadian Space Agency (CSA), NASA, the European Space Agency, or even private companies like SpaceX and Blue Origin.

3. Astrophysicist

Astrophysicists are scientists who use the laws of physics to explain what we see in space.

They often work with data collected from telescopes or space probes. Using computers, they test theories about how the universe works. Astrophysicists play a huge role in helping us understand the invisible parts of space, including things we can't even see, like dark energy. If you particularly love physics, this is the career for you!

4. Data Scientist

You might be surprised to learn that astronomy involves a ton of data! Every telescope and satellite sends back huge amounts of information. Data scientists help astronomers sort through all of the data using programming, math, and artificial intelligence.

For example, a data scientist might help spot a new planet hidden in thousands of telescope images or analyze the patterns of light from distant stars. This job combines space exploration with computer science. Perfect for kids who love coding and problem-solving!

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HAA Explorers 2.0 --- Careers Among the Stars: Jobs in Astronomy!
(continued)

5. The Astrobiologist

Do you wonder if aliens exist? Then astrobiology might be your dream job!

Astrobiologists study how life began on Earth and where it might exist elsewhere in the universe. They explore planets and moons, looking for signs of water, oxygen, or other clues that could mean life once existed there.

Some astrobiologists study tiny organisms that live in extreme places on Earth, like deep-sea vents or frozen deserts, to understand how life might survive on other planets, such as Mars, or the moons of other planets such as Europa (a moon of Jupiter). Fun fact, Jupiter has 79 moons!

6. The Planetary Geologist

Planetary geologists study the surfaces of planets and moons. They use pictures from space probes to see what rocks, craters, and volcanoes can tell us about a planet's history. If you love both space and rocks, this is the perfect mix! These scientists have helped us discover water on Mars and ice on the Moon.

How can you get there?

If you dream of working in astronomy, you can start now!

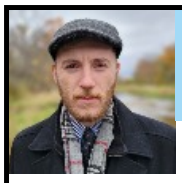
- Study science and math. They're the languages of the universe!
- Join a space club or visit your local planetarium.
- Learn coding. Many astronomers use it every day!
- Most importantly, stay curious!

Astronomy is about asking big questions and never stopping until you find the answers. Whether you're looking through a telescope, building rockets, or writing code, you'll be part of humanity's greatest adventure: discovering the universe.

No matter which path you choose, astronomy careers are full of wonder, discovery, and teamwork. Who knows? One day, you might be the one who finds a new planet or proves that life exists beyond Earth!

So next time you gaze up at the stars, remember: those twinkling lights might just be your view from your office in the future.

Image Courtesy of www.educations.com



The Sky This Month for November 2025 by Kevin Salwach

Oh no, it's me again…

You're all stuck with me as Observing Director for another year, so welcome back to The Sky This Month, for November of 2025.

Winter is next month; can you believe it? Where has the time gone? We're nearing the Winter Solstice, which means the longest nights of the year are creeping up on us. Lets see what's up in the sky this month.

Beginning in the west with the naked eye sky, Cygnus is STILL hanging up above the horizon into the middle of the month a couple hours after sunset, with Lyra, Hercules and Aquila hugging the horizon. Over in the southwest, the fall water constellations of Cetus, Aquarius and Pisces are high and well placed, but all of these constellations, and the Summer Milky Way with it, set or sink low into the murky low sky by midnight. Up at zenith, a big empty space sits right above your heads around 9:00, albeit circled by Cepheus, Cassiopeia, Perseus and Pegasus. The Andromeda Galaxy and lots of great DSO's are up in this region, placing them in the "cleanest" and darkest area of the night sky for us urban and suburban observers. Moving down to the east, the winter constellations are now up and rising. Taurus and Auriga have cleared the horizon, while Orion has fully risen by 10:00. By midnight, the full host of the Winter Milky Way is well above the southeastern horizon, with some of the spring constellations like Leo beginning to poke their heads up. To the north, the Big Dipper sits at it's lowest point in the year, straddling the horizon and not fully rising until about 1:00.

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The night sky looking west at 9:00pm on Friday, November 14th. Image generated using Stellarium

The Sky This Month for November 2025 (continued)

The night sky looking towards zenith at 9:00pm on Friday, November 14th

The night sky looking east at 9:00pm on Friday, November 14th. *Images generated using Stellarium*

(Continued on page 11)

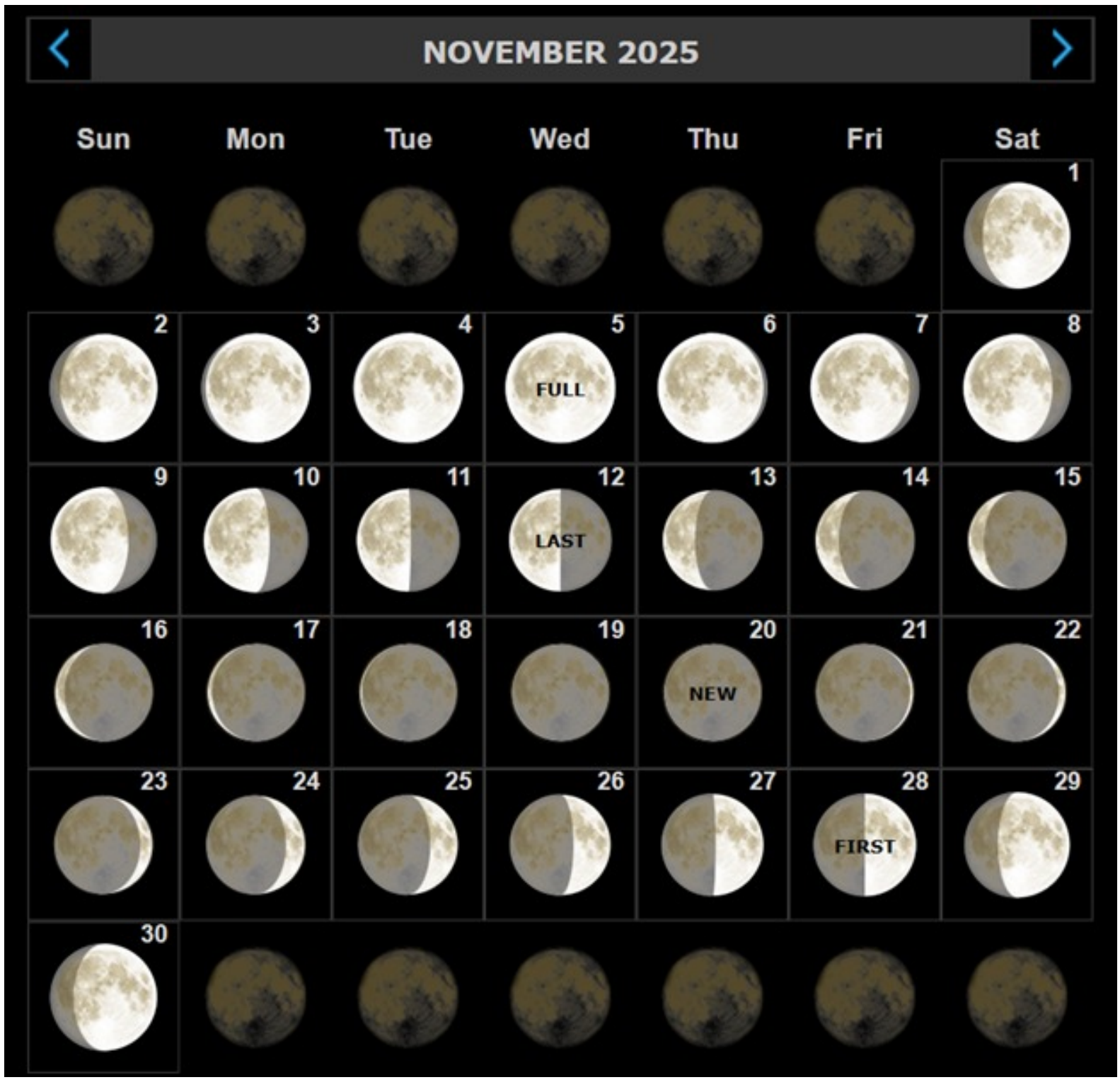
The Sky This Month for November 2025 (continued)

The Moon

The month begins with a Full Moon on the 5th, Last Quarter on the 12th, New Moon on the 20th and First Quarter on the 28th. The entire week of the 16th to the 23rd will be great for your monthly moonless skies.

Some notable Lunar events this month:

- A few degrees away from Saturn in the evening sky after sunset on November 1st
- 3 degrees away from the Pleiades in the morning sky on November 6th
- A few degrees in between Jupiter and Pollux in the evening on the 9th
- 1.5 degrees away from M44 The Beehive in the evening on the 10th
- 1.5 degrees away from Spica in the early morning sky on the 17th



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The Sky This Month for November 2025 (continued)

The Planets

On to our planets. ***Mercury*** begins the month yet again too close to the Sun for any observing of note. However, it transitions into an early morning object around the 23rd, rising just before sunrise, and being joined with Venus low in the early morning sky, rising higher and higher before sunrise each night till the end of the month. Keep an eye out towards December to finally get some views of the inner planet. ***Venus*** again is visible all month long in the morning sky, although it sinks lower and lower each passing day, until it nears the horizon just a few minutes before sunrise on the last day of the month. Still, a whole month worth of views, although fleeting. ***Mars*** is effectively a no go all November, as it is too near the Sun and too low in the western sky for any good observing this month. ***Jupiter***, however is well placed, rising around 11 at the start of the month, and earlier each passing night. By December it rises just after 7:00 and is visible all night long in Gemini. At the beginning of the month, ***Saturn*** is high in the southeast after sunset, staying up until midnight, and is visible all month long. The rings are narrowing, until they hit nearly edge on the last week of November. Keep an eye out for a few transits of Titan across its disk, as well as its host of other moons dancing around the planet. ***Uranus*** is visible all month long in Taurus, while ***Neptune*** yet again follows close behind Saturn.

Meteor Shower

The *Leonid Meteor Shower* peaks on November 17-18th, giving it favorable skies this year just a few days out from New Moon. An erratic shower, you can usually expect between 10-20 meteors per hour.

Deep Sky Objects

Finally, lets hit our deep sky. We'll avoid the more dense and famous areas of the Winter Milky Way this month, and instead focus on the periphery – some of the lesser known constellations such as Eridanus, Fornax, Lynx and Camelopardalis. In this wide swath of the sky, which is well placed from about 10PM to 1AM in the middle of the month from the northeast all the way to the south, there are plenty of notable, beautiful, but challenging DSOs:

Fornax A and B (NGC 1316/1317) - a pair of irregular galaxies in the constellation Fornax, at magnitudes 8.5 and 12.5 they are a hard challenge low in the southern sky, about 15 degrees above the horizon. Still, in a moderate scope with a clear southern horizon, you should be able to pick out their faint, uneven oval shapes at medium power.

The Fornax Cluster - a cluster of galaxies also in Fornax, these galaxies also sit at a very low altitude of around 13 degrees. Dominated by NGC1399 (mag 9.6) and nearby barred galaxy NGC1365 (mag 9.5), with some luck, clear skies and a dark southern horizon, in an 8 inch dob, you might be able to see upwards of 8-10 faint fuzzies in this grouping.

NGC 1360 – The Robin's Egg Nebula - this magnitude 9.4 planetary in Fornax is a large, elliptical nebula. At around 20 degrees above the horizon, it should be easier to spot than the galaxies, and at medium power in a moderate scope, especially with an O-III filter, the nebula pops into view with its distinct aquamarine color as a misty, oval glow.

NGC 1535 – Cleopatra's Eye - another planetary, this one in Eridanus, at magnitude 9.0 it will appear at high power as a small, compact ball with a very faint halo surrounding it.

NGC 2683 – The UFO Galaxy - across Orion over in Lynx, this edge on galaxy is a moderately easy catch at an altitude of about 30 degrees and magnitude 9.6. As the name suggests, in a 6 or 8 in scope at high

(Continued on page 13)

The Sky This Month for November 2025 (continued)

power in dark skies, the central core of the galaxy and its edge on spiral arms give it the appearance of a classic UFO.

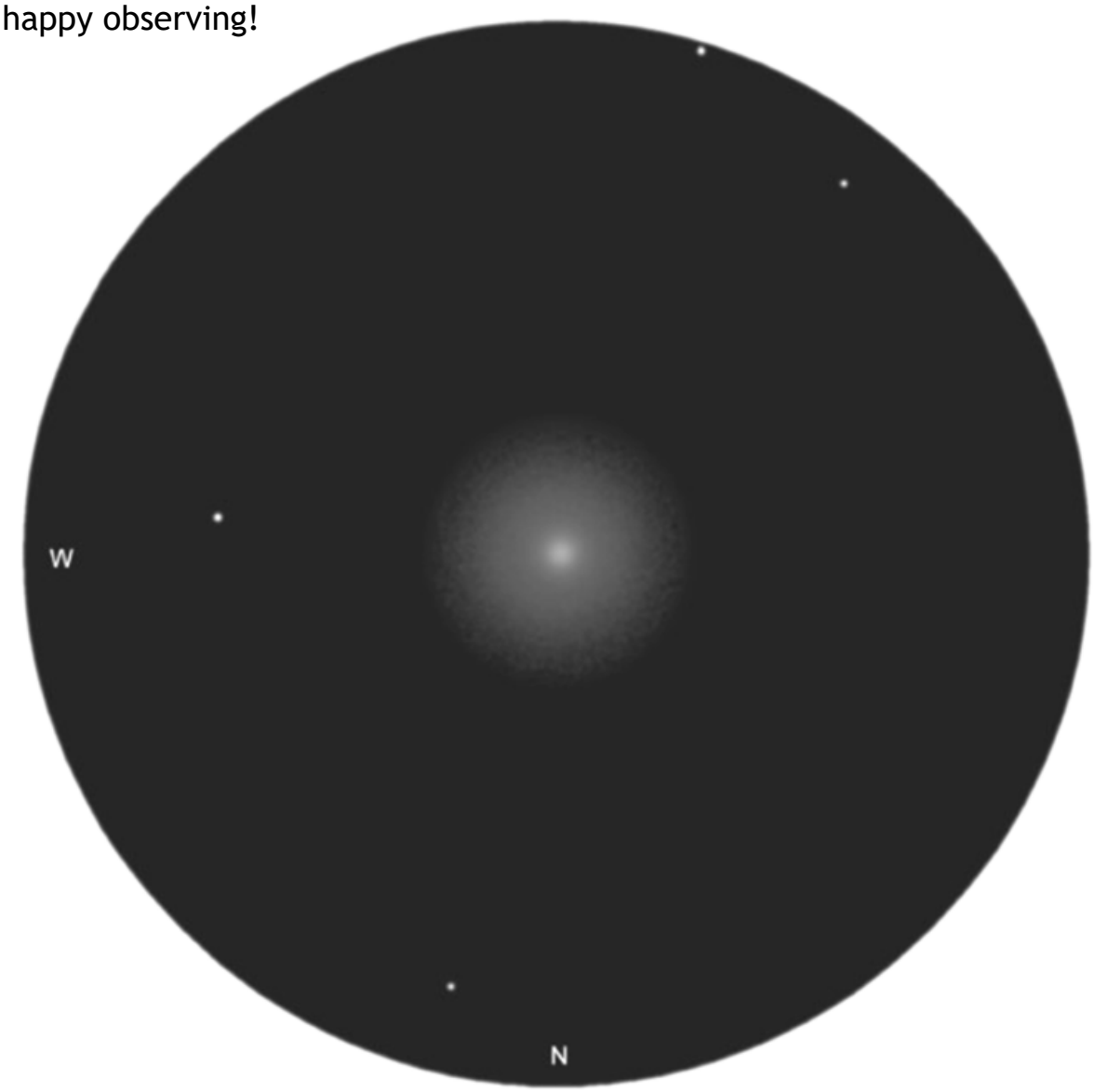
NGC 1502 – up in Camelopardalis, NGC 1502 is a bright magnitude 6.7 open cluster at the end of Kemble's Cascade – an asterism or star chain of 25-30 stars "cascading" away from the cluster. High in the sky, this grouping is great for high powered binoculars or a small telescope.

NGC 2419 – The Intergalactic Wanderer – this magnitude 9.5 globular cluster is so named because of its distance of 300,000 light years – it is at the far outer halo of our galaxy. It is a compact, but resolvable globular, which looks great at very high power in a medium sized scope.

Challenge Object: NGC 1851

Although this globular is a nice and bright magnitude 7.3, its altitude will make for a very hard challenge for our experienced observers. Located in Columba (how many of you have actually seen and picked out Columba?), this cluster reaches a max altitude of 7 degrees above the horizon between the 20th and the 30th of the month around midnight. You will need a true southern horizon (preferably looking over Lake Erie), with dark, transparent, steady skies to pick out this faint fuzzy ball of stars. With some luck and some moments of steady seeing, you might just be able to see the globular shape in a medium sized scope at medium power – you won't be able to resolve any stars, but the dense core and diffuse outer region of the ball may just be noticeable during those moments of still air.

Clear skies, and happy observing!



NGC 1851 in a 4" refractor courtesy of Phil Harrington at Cloudy Nights

Eye Candy the Members' Image Gallery

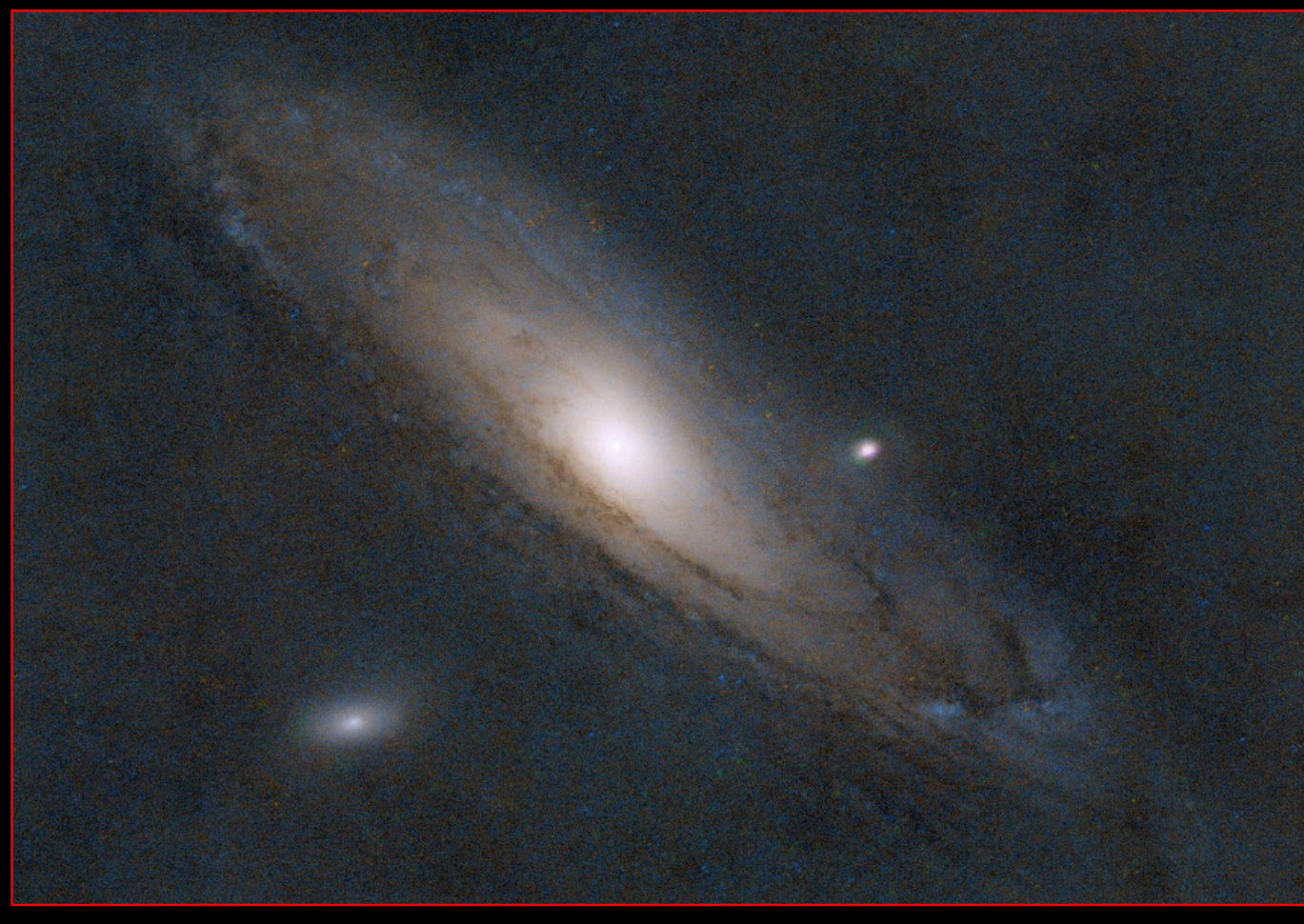
Comet C/2025 A6 (Lemmon), by **Saeed Jamal Tariq**
Imaged through a Dwarf Mini smart telescope, from Hamilton, ON, on October 26, 2025.

C/2025 R2 (SWAN), by **Bob Christmas**
Imaged with a ZWO Seestar S50 imager from near Barry's Bay, ON, at 8:18pm, on October 14, 2025.
Combination of 5 minute stack and 3 minute stack.

Eye Candy the Members' Image Gallery

The Sturgeon Moon, on August 12, 2022,
by **John Capuano**

NGC 457, the "E.T." Cluster, in Cassiopeia, by **Chris White**



The Andromeda Galaxy (M31) Without the Stars, by **Chris White**

Eye Candy the Members' Image Gallery

The Open Star Cluster M39 in Cygnus, by **Chris Szaban**
Imaged with a Celestron NexStar 6SE on a wedge and ASI2600MC Pro camera.
48 x 180s = 2 hours, 24 minutes total integration time.

The Double Star Cluster (NGC 869/884) in Perseus, by **Alex Kepic**
Imaged through a Celestron C8 XLT with a ZWO ASI294MC Pro camera on an AM5 mount.

Eye Candy the Members' Image Gallery

The Elephant Trunk Nebula (IC 1396A) in Cepheus, by **Bob Christmas**
Imaged with a ZWO Seestar S50 imager, in EQ mode, with built-in duo-band OIII 30nm/Hα 20nm filter.
270 x 10s = 45 minutes total integration time.

The Crab Nebula (M1) in Taurus, by **Chris Szaban**
Imaged with a Celestron NexStar 6SE on a wedge and ASI2600MC Pro camera.
71 x 180s = 3 hours, 33 minutes total integration time.

Eye Candy the Members' Image Gallery

The California Nebula (NGC 1499), in Perseus, by **Saeed Jamal Tariq**
Imaged with a Dwarf Mini smart telescope.

William J. McCallion Planetarium

McMASTER UNIVERSITY, HAMILTON, ONTARIO

- **Public transit available directly to McMaster campus**
- **Tickets $10 per person; private group shows $169.50**
- **Upcoming shows:**

  - **Nov 5:** Introductory Astronomy for Kids — Constellations
  - **Nov 12:** Cosmic Dance of the Earth, Sun, and Moon
  - **Nov 19:** A History of Collisions in the Solar System
  - **Nov 22:** Introductory Astronomy for Kids — Galaxies
  - **Nov 26:** Lost at Sea
  - **Dec 3, 10:** Festive Skies

- **For show times and further details, visit www.physics.mcmaster.ca/planetarium**

UPCOMING EVENTS

November 9, 2025 - 2pm to 5pm - Dundas Valley Orchestra Concert *Our Space Odyssey*, in partnership with the H.A.A., at St Paul's United Church, 29 Park Street West, Dundas.

November 14, 2025 - 7:30 pm — H.A.A. Meeting at St. Matthew's Anglican Church. The H.A.A.'s *Doug Turner* will talk about the 2025 H.A.A. Calendar. **There is the option of attending online via Zoom.** Past meetings can be viewed on our YouTube channel.

November 22, 2025 - 1pm to 4pm - H.A.A. Telescope Clinic at Valley Park Library in Hamilton.

December 12, 2025 - 7:30 pm — H.A.A. Meeting at St. Matthew's Anglican Church. This will be our December "Seasonal Social".

2025-2026 Council

Chair	Kevin Salwach
Secretary	John Gauvreau
Treasurer	Marcus Freeman
Second Chair	Chris Szaban
Membership Director	Ed Smith
Communications Team Director	vacant
Members Service Director	vacant
Education Team Director	vacant
Observing Team Director	Kevin Salwach

Check out the H.A.A. **Website**
www.amateurastronomy.org

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All active HAA members have the privilege of access to an exclusive HAA members only dark sky location.

Be on the lookout for e-mails with dark sky observing details. Space is limited.

The Harvey Garden HAA Portable Library

Contact Information

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