



June 7 to 13, 2021 **RASC Weekly: Moon @ Noon, Explore the Universe, and more!**

Insider's Guide - Taking a Break

Chris and Jenna are hitting pause on Insider's Guide until Tuesday, July 20th, to focus on the RASC General Assembly and to get some summer observing in. We'll only have one session in July and one in August, and then will return to our regular schedule (every other Tuesday) in September. You can keep tabs on us at rasc.ca/insidersguide where sessions and topics are listed!

Thanks everyone and we'll see you in July!

Thursday, June 10, 2021 - 12:00 to 12:30 EDT The Moon at Noon: Q-2



It's Apollo day! Finally, we get the chance to find both the first and last Apollo landing sites. Bring your questions about the Moon landings! We encourage you to share any annular eclipse photos you may have gotten from this morning as well.

[Register for the Moon at Noon](#)

Friday, June 11, 2021 - 22:00 to 23:45 EDT Friday, June 11, 2021 - 19:00 to 20:45 PDT Explore the Universe Challenge - Sunshine Coast Centre

Sunshine Coast Member Charles Ennis will introduce the RASC's Explore the Universe Program and teach viewers how to find the objects in the Summer viewing portion of the program. Later this year Charles will come back on Zoom to teach the Fall and Winter segments. The RASC Explore the Universe program (awarded since 2002) is aimed at novice visual astronomers. Those who complete the program may apply for a certificate and pin—this is open to all, RASC members and non-members alike.

This program will:

- Stimulate an interest in observational astronomy.
- Introduce good observing practices and techniques.
- Provide an introduction to all aspects of visual astronomy including stars and constellations, lunar, Solar System, deep sky, double stars, and some optional activities, including variable stars.
- One of the special features of this program is that it can be completed entirely using binoculars and the unaided eye.

NOTE: If you choose to use a telescope, automatic (GoTo) functions are not to be used.

A choice of objects is provided so that you can start the program at any time of the year and easily complete the requirements in three to six months time. Want to get started? Download the Explore the Universe program requirements and start your observing program today! All you need to do is find half of the 110 objects on the program list. If you are looking for a guide to getting started, consider purchasing the Explore the Universe Guide (2nd Edition) in the RASC store.

[Find the zoom meeting on the Sunshine Coast Website](#)

RASC APPAREL AVAILABLE NOW!!



The RASC is pleased to announce the launch of RASC Apparel. Comfortable, fashionable, and affordably priced, this new line of clothing will allow you to represent the Royal Astronomical Society of Canada with pride.

[Buy Now](#)

The 2021 General Assembly: The Stars Belong to Everyone

Join us for The Royal Astronomical Society of Canada's 2021 General Assembly! Hosted by The RASC National Office, this will be an incredible event featuring luminary industry leaders discussing hot topics of Astronomy. The four-day event is jam-packed with exciting events and fun for the entire family. This year's General Assembly will be held from June 25th - 28th. This event is 100% virtual. Zoom links to attend the event will be provided. Tickets are available for purchase now.



[Buy Tickets Now](#)

Youth tickets: \$10
Member tickets: \$15
Non-member tickets: \$20

Are you a RASC member?
Don't forget to register for the AGM!
The AGM is a member only event and attendance is free.

For more information, to purchase tickets for the GA and to register for the AGM visit www.rasc2021ga.ca

All are welcome!

Creation Station



The RASC invites kids ages 5-12 to share their short stories, drawings, poems and comics about Astronomy and Space. The deadline is June 13th to enter your submission (with your parent's help) to be among the first contributors to Creation Station! Visit rasc.ca/creationstation for more information and to submit your creation!

Astrophotography from our Followers!

If you had a chance to observe our [Instagram](#), you can see that we tend to share our followers' photography on our stories! Given the great talent we have been seeing, we will be displaying their work in our RASC Weekly emails! DM us or send us an email through communications@rasc.ca if you wish for your work to be displayed in the next Newsletter!



This image is by John Anderssen! You can find his account [here](#): "Milky way from the Hoodoos April 10 single frame canon 6D Tamron 15-30 @15mm f2.8 ISO 6400 20 seconds"

This Week's Observing Targets

Thursday, June 10, 2021 - 6:54 EDT New Moon

The Moon will be located on the same side of the Earth as the Sun and will not be visible in the night sky. This is the best time of the month to observe faint objects such as galaxies and star clusters because there is no moonlight to interfere.

Thursday, June 10, 2021 Annular Solar Eclipse

An annular solar eclipse occurs when the Moon is too far away from the Earth to completely cover the Sun. This results in a ring of light around the darkened Moon. The Sun's corona is not visible during an annular eclipse. The path of this eclipse will be confined to extreme eastern Russia, the Arctic Ocean, western Greenland, and Canada. A partial eclipse will be visible in the northeastern United States, Europe, and most of Russia. (NASA Map and Eclipse Information) (NASA Interactive Google Map)



Check out the sky this week on *SkjNews*:
This Week's Sky - June 7 to 13, 2021:
The June 10, 2021, eclipse is finally at hand. As the Moon waxes afterward, its crescent will pass Mars and Venus.

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