



ROYAL  
ASTRONOMICAL  
SOCIETY  
OF CANADA

Photo: Erich Krause



January 4 to January 10, 2021

## RASC Weekly: Recreational Night and Sunshine Coast Centre Event!

Wednesday, January 6, 2021 - 19:30 to 21:30 EST

Recreational Astronomy Night (ONLINE) - Toronto Centre

You're invited to a Toronto Centre event. Join us for our monthly recreational astronomy night meeting. This is where our members get to show their latest projects or give tutorials and tips on just about everything to do with astronomy. There are 3 to 4 time slots for short presentations including The Sky This Month. Click [here](#) to view RASC Toronto Centre website. Presenters will be announced soon...

Who can attend: Everyone

Fee: Free

Registration: Not required

[Watch Recreational Astronomy Night live](#)

Friday, January 8, 2021 - 22:00 to 23:00 EST

Friday, January 8, 2021 - 19:00 to 20:00 PST

The Sun is Awakening: How Can We View It? - Sunshine Coast Centre

Hosted by Michael Bradley online on Zoom, the Sunshine Coast Centre of the RASC presents Michael Bradley of the RASC Sunshine Coast Centre, whose topic is "The Sun is Awakening: How Can We View It?" Michael Bradley is Vice President of the RASC Sunshine Coast Centre and a long-time solar observer.

[Join The Sun is Awakening on Zoom](#)

**No Insider's Guide to the Galaxy this week!**

Chris and Jenna will be back with the next session of Insider's Guide on January 19th, 2021. We had previously indicated that we would host our first session of 2021 on January 5th. However, we need a bit more time to plan! If you'd like to register early for the session on January 19th, you can do so below. Topic to be determined, but we are sure it'll be a blast and we can't wait to see you all again!

[Register for the Future Insider's Guide Webinar](#)

**Astro-image of the Week**

*Erich Krause*

We are featuring winners of RASC's AstroImaging Certificate. Winners will be featured in the banner of RASC Weekly. More information on the RASC AstroImaging Certificate is available [here](#).

The Great Orion nebula acquired with: ZWO1600-MM Pro, Esprit 80, Apex 0.65x reducer, Celestron CGEM mount. Image consists of 5x240s SII, 5x240s OIII, 15x240s Ha acquired through Sequence Generator Pro.



*"I was testing back-focus with a newly acquired Apex 0.65x reducer (thus the corner stars are a pinch out) but I liked the image so much I kept the data. I was very surprised to see the amount of dust and detail my gear now working at F/3.25. The image was taken at WCO (Calgary RASC observatory) in January 2020 and processed using PixInsight (SHO- green removed) with final touch up in Photoshop (including the star spikes I added for flavor)."*

To see the large image, check out the [RASC AstroImaging Zenfolio page](#).

**Telescope Data Available For Purchase!**

Calling all astroimagers! The data from our Robotic Telescope is finally available for purchase. This is the perfect gift for the aspiring astroimagers in your life, and with no shipping costs! ALL of the data from the RASC Robotic Telescope for 2019 and 2020 is now available for purchase. You'll receive data for over 30 different narrowband and LRGB targets, including targets from our DSLR camera.

Head to our online store to purchase this item! Choose the item (adult or student) that applies to you or the person you're buying the item for. If you plan on gifting this purchase to someone, please email [telescope@rasc.ca](mailto:telescope@rasc.ca) to inform them of your intent.

[Buy Now](#)

## This Week's Observing Targets

**Send in your Observing Certificate applications!**

Did you complete Explore the Universe, Explore the Moon, or another one of the RASC Observing Programs? Send in your application to your Centre's representative or to the chair of the Observing Committee at [observing@rasc.ca](mailto:observing@rasc.ca). Following review, you'll receive your certificate and pin in the mail!

## Member Highlights

Do you know a member who you think deserves a spot in our newsletter? Let us know! Email [communications@rasc.ca](mailto:communications@rasc.ca) with your submissions.

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