



ROYAL
ASTRONOMICAL
SOCIETY
OF CANADA

Photo: Kevin Watson // RASC Robotic Telescope



October 19 to 25, 2020

What's happening at The RASC?

Now until October 31st

Check out the SkyNews and RASC Robotic Telescope Image Editing Contest for October 2020, this month featuring the Veil Nebula!

Are you interested in astrophotography, but don't know where to start? Here's the place!

In honour of Halloween, this month SkyNews and RASC will be releasing data of the spooky Veil Nebula! The RASC Robotic Telescope Photo Team has set up three folders for you with different levels of data, so you can choose which suits you best. The most basic level (Level 3) includes two single stacked and calibrated frames for you to combine into a colour image in a program like Photoshop.

SkyNews.ca has all the information about the files, including how to download them!

[Find out more and download files here](#)

Tuesday, October 20th - 3:30 to 5:00pm EDT
Insider's Guide to the Galaxy: Guinness Out of This WORLD Records!

What's the biggest constellation out there, and the smallest? What's the farthest thing a human eye can see - or the hottest star - or the closest star cluster? How about the first exoplanet ever discovered? We'll tell you all about the record-holders in our sky, and how to observe them!

[Register for Insider's Guide](#)

Friday, October 23rd - 11:00am EDT / 10:00am CDT
Two-Eyed Seeing: Ojibwe Astronomy and NASA Moon 2 Mars

Two-Eyed Seeing is learning to see from one eye with the strengths of Indigenous knowledges and ways of knowing, and from the other eye with the strengths of Western knowledges and ways of knowing, and to use both these eyes for the benefit of all. (Bartlett, Marshall and Marshall 2012, 336)

Join us for a 60-minute live show featuring the *Native Skywatchers* - Ojibwe Team: Carl Gawboy, William Wilson, Jeffrey Tibbetts, Jim Knutson-Kolodzne, and Annette S. Lee. Weaving together Indigenous Ojibwe Astronomy & NASA science this event will offer insights from both world-views with focus on the Moon.

Topics include: Ojibwe Fall constellation, the *Mooz* (shared by C. Gawboy); teachings related to *Mikinaak* (Snapping Turtle) (shared by W. Wilson); the soundscapes of Fall (shared by A. Lee); and more! Educator Leads and Partnering Schools: Lindsey Markwardt, Indian Education Home School Liason, grades 5-12, the Alternative School, Cloquet, MN Cloquet Area Alternative Education Program (CAAEP), Melissa Peterson M. Ed, 5th Grade Teacher K-5 Science Coordinator, North Star AcademyDuluth Edison Charter School, Duluth, MN, and Genie Turner, 5th & 6th grade, Nett Lake Elementary School, Nett Lake, MN.

This is an eight month project with seven live sessions. Each session will be advertised in this newsletter, so keep your eyes open or check out the [Native Skywatcher's website](#) for more information.

[Register for Two-Eyed Seeing: Ojibwe Astronomy and NASA Moon 2 Mars](#)

Did you catch our Mars Opposition Star Party?

On Tuesday last week, we hosted a star party all about Mars! We heard from guest speaker Erin Gibbons about the history of Mars and the possibility of microbial life on the planet, and were treated to live views of the Red Planet by RASC National Board member Eric Briggs. Rewatch anytime on our YouTube Channel!

This Week for Explore the Universe Online

Monday, October 19th or Tuesday, October 20th

Head out either of these nights right after sunset to take a look at a very thin Moon! It's only 3 days after the new Moon so it'll be pretty close to the horizon after sunset. It'll set about 2 hours after sunset too. Give it a sketch and tick the box on this phase for Explore the Universe.

Anytime this week

This whole week is great for observing the targets from our last session! Check out the targets and how to find them [here](#).



Missed last session? That's okay! Rewatch episode nine on our YouTube Channel.

We host episodes once every two weeks at 3:30pm EDT on Thursdays. Find out more and register for sessions [here!](#)

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