



ROYAL ASTRONOMICAL SOCIETY OF CANADA

Photo: Dalton Wilson



### March 8 to March 14, 2021 **RASC Weekly: Two Eyed Seeing and a New Moon!**

Friday, March 12, 2021 - 14:00 EST  
**Two Eyed Seeing: Hawai'ian Indigenous Astronomy & NASA Moon to Mars - Native Skywatchers**

Join [the Native SkyWatchers](#) for an exciting live show on Hawai'ian Indigenous Astronomy including the revitalization of Wayfinding and traditional Hawai'ian methods of navigation. Students from the Volcano School of Arts and Sciences will present their research which will include a place-based activity, "Make Your Own Hawai'ian Star Compasses" and essential understanding of the Hawai'ian Star Families. Also an important discussion on the parallels between the Indigenous Hawaiian process of choosing a crew and the NASA process used for the Artemis Moon mission (2024) and later the Mars mission (2030's), both grounded in similar missions of exploration but employing different technologies.

Presented by: Kālepa Baybayan, Lisa Barnard, Barbara Sarbin, Jacqueline Ramirez, and Annette S. Lee. Our lead school is the Volcano School of Arts & Sciences in Volcano, Hawai'i. Supporting organizations are Native Skywatchers, 'Imiloa Astronomy Center, and NASA. Funded by NASA - Next Gen STEM.

Weaving together Indigenous Hawai'ian Astronomy & NASA science this work offers insights from both world-views. "Etuaptumumk" as described by Mi'kmaw elders:

"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).

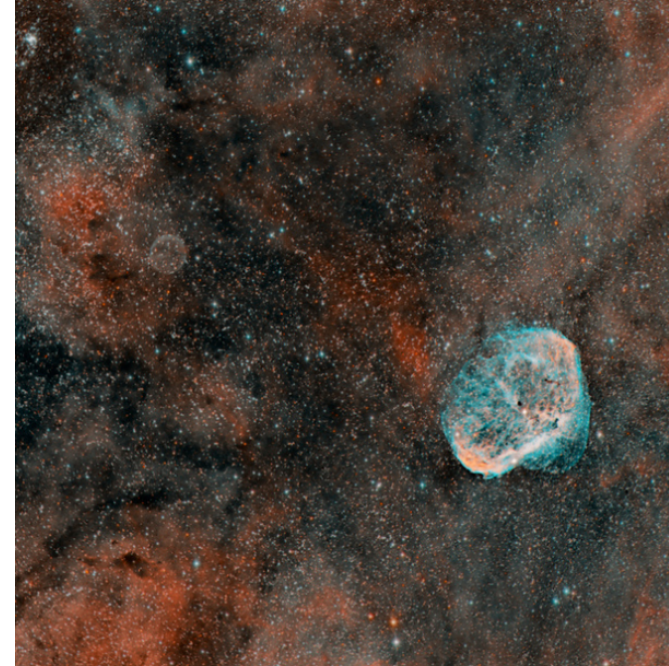
[Register for Two Eyed Seeing](#)

#### Astro-image of the Week *Dalton Wilson*

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](#).

#### EMISSION NEBULA NGC6888:

The Crescent Nebula in Cygnus is also called Caldwell 27, NGC 6888 and Sh 2-105. Taken with a QSI540 camera thru a 14" C14 Hyperstar setup and CGE Pro mount in 2011-09-05 at home just outside of Didsbury Alberta. Guided with a Star Shoot autoguider camera on a Orion Short Tube 80. The Hyperstar lens takes the C14 at F10 to a F2. After finding out that the "Soap Bubble" was discovered by an amateur astronomer in 2007, I made my attempt. after 3 years of failing, I figured it out it is a faint Oiii object. 6x900 sec Ha , 6x900 sec Oiii (at F2). Red=Ha Green=Oiii67%+Ha33% Blue=Oiii. The strength of the Oiii is shown in The Crescent. The Soap Bubble (PN-G75.5+1.7) was finally showing. Categories: Scenic, Night Sky



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

#### One week of SkyNews!

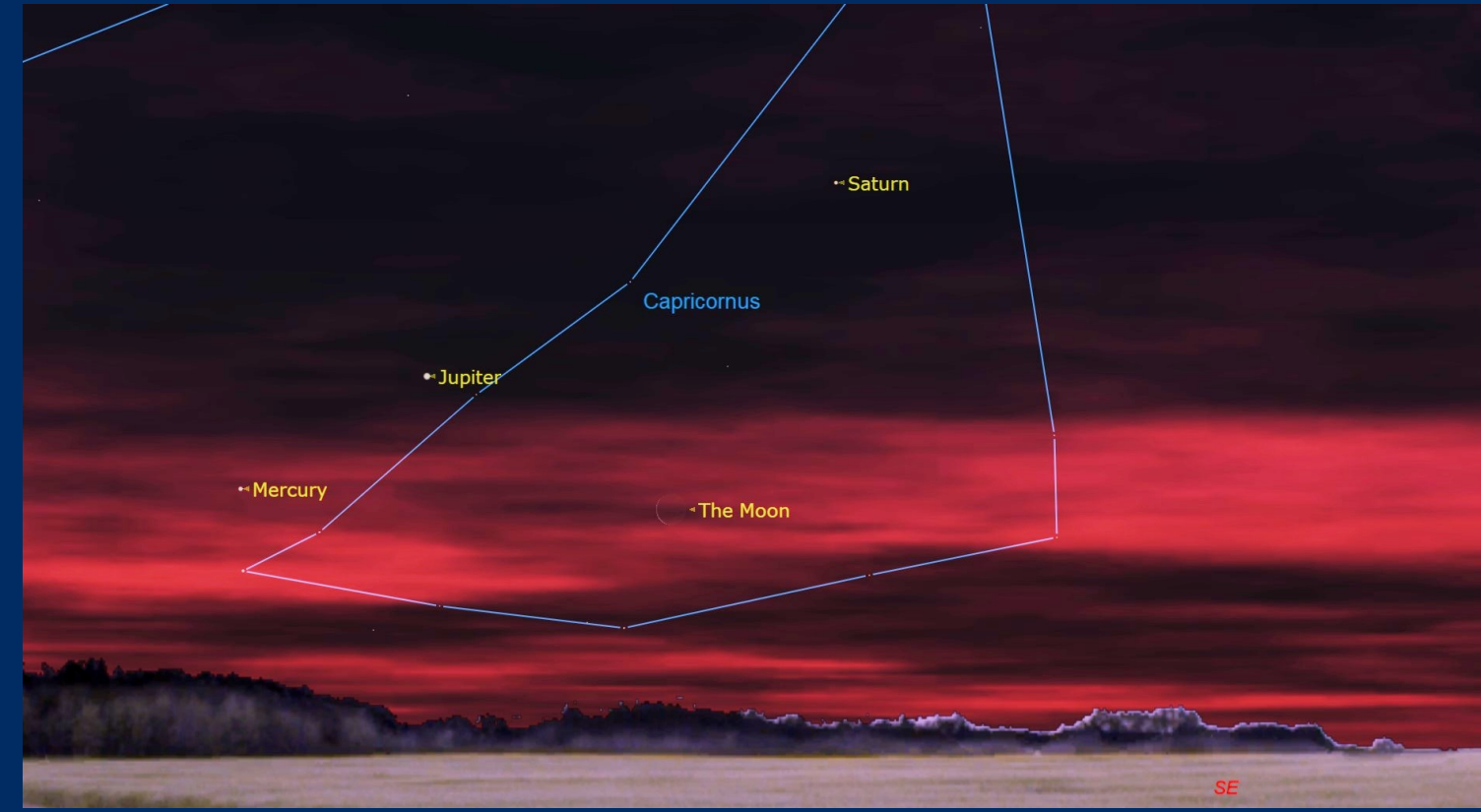
Your FREE access starts now! Sign up today for one week of FULL access to the SkyNews archives! This galaxy season, read about the best sights in Canadian skies with 16 years of in depth articles and inspiring images. Free access week runs March 8-14, 2021 — the best time to run a Messier marathon.

[Click here to sign up today!](#)

## This Week's Observing Targets

Saturday, March 13, 2021 - 5:23 EST  
**New Moon**

The Moon will 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.



Check out the sky this week on Skynews:

#### This Week's Sky - March 8 to 8, 2021:

Mercury, Jupiter and Saturn crowd the pre-dawn sky for chances to meet with the old Moon this week. Read more in This Week's Sky in SkyNews, written by Chris Vaughan.

[Click here for full article](#)

## Member Highlight

Siblings and RASC youth members Ben, Amelia and Martin Amendolagine are all working towards achieving their Wide Field Astro-Imaging certificates. They each have their own camera and are working with their dad Jamie to find innovative ways to use the tools they have to take pictures of the night sky.



(Photo by Amelia Amendolagine)

Do you want to follow along on their journey? [Ben](#), [Amelia](#) and [Martin](#) each have a Telescopius page where they are posting photos from their journey. Take a look!

[view this email in your browser](#)