



ROYAL
ASTRONOMICAL
SOCIETY
OF CANADA

Photo: David Hoskin



March 29 to April 4, 2021

RASC Weekly: Insider's Guide, Edmonton Skies, and Moon @ Noon!

Tuesday, March 30, 2021 - 15:30 to 17:00 EDT

Insider's Guide to the Galaxy: Observing the Aurora Borealis

Spring and fall, when the Earth's magnetic defenses are weaker, are the best times in the year to see the Northern Lights. We'll review the physics of the aurorae, including a Canadian connection, and show you how to be alerted when aurora are predicted. Those beautiful glowing curtains in the sky can be quite tricky to capture. We'll talk about tips, tricks and tools you can use to help you observe and photograph this fleeting phenomenon.

[Register for Insider's Guide to the Galaxy](#)

Wednesday, March 31, 2021 - 21:30 EDT

Wednesday, March 31, 2021 - 19:30 MDT

What's Up Over Edmonton? - April 2021

A look at what one can see in the night sky of Edmonton during the month of April, with some space history thrown in.

[Join What's Up Over Edmonton](#)

Thursday, April 1, 2021 - 12:00 to 12:30 EDT

The Moon at Noon: Introduction



Welcome to the first episode of our newest observing program: the Moon at Noon! This session we'll be going over some basic information that you may find helpful throughout the course. We'll talk about Q-days, how to keep track of the lunar cycle, when to observe, and how the course will be structured. We'll

also go over some lunar sketching tips so you can spice up your logbook!

[Register for the Moon at Noon](#)

Astro-image of the Week

David Hoskin

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](#).

SPIRAL GALAXY - M 81:

Date: Imaged 2 January 2019 (10:23

pm) Location: Berwick, NS

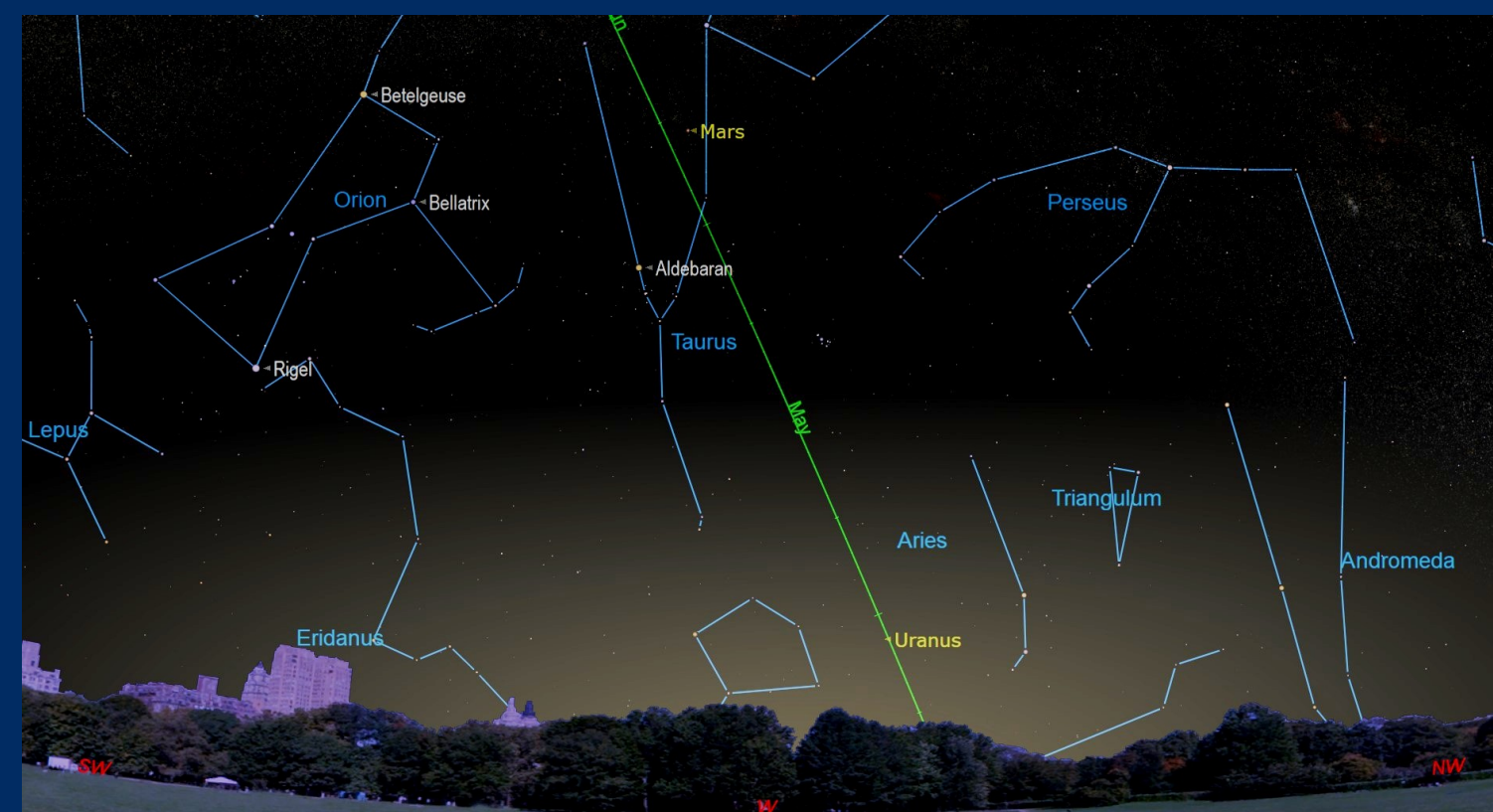
Equipment: Orion 80mm f6 ED-triplet refractor/ ZWO ASI224MC CMOS camera with UV/IR cut filter; prime focus, unguided; gain 275, 30 sec exposure/EQ6-R mount.

Processing: 127 subs and 30 darks were captured as RGB24/PNG images, which were then stacked using DeepSkyStacker without any other adjustments to the stacked image. Photoshop CS2 was used to adjust levels, curves (stretching data), and color balance/saturation, as well as for noise reduction. StarTools was used for gradient removal. Microsoft Photo was used to tweak clarity, contrast, highlights, shadows, and exposure of the final jpg image.



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

This Week's Observing Targets



Check out the sky this week on Skynews:

This Week's Sky - March 29 to April 4, 2021:

It's a quiet week in the night skies the zodiacal light returns, and the Moon wanes to its third quarter. Read more at SkyNews.ca in This Week's Sky by Chris Vaughan.

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