

Watch a Deep Partial Lunar Eclipse at the RASC Observatory Thursday Night

EDMONTON, AB — August 25, 2026 — Edmonton skywatchers will have a chance to watch the Moon pass through Earth's shadow Thursday night, and TELUS World of Science – Edmonton and the Royal Astronomical Society of Canada (RASC) – Edmonton Centre are inviting the public to experience it through telescopes at the RASC Observatory in Coronation Park.

The free outdoor viewing event will take place from 9:00 p.m. to midnight on Thursday, August 27, with telescopes available for public viewing, weather permitting.

"The Moon will rise shortly before the partial eclipse begins, but it will initially be very low on the horizon," says Frank Florian, Senior Manager, Planetarium & Space Sciences, TELUS World of Science – Edmonton. "We expect it to become visible from the Observatory at approximately 9:15 p.m. As the eclipse progresses, most of the Moon may take on a striking reddish or coppery glow, while a small portion remains brightly illuminated."

A lunar eclipse occurs when the Sun, Earth and Moon align, causing the Moon to pass through Earth's shadow. Unlike a solar eclipse, a lunar eclipse is completely safe to view with the naked eye and does not require protective eyewear.

In Edmonton, moonrise will occur at approximately 8:25 p.m. along the east-southeast horizon. The partial eclipse will begin shortly afterward, although the Moon will initially be too low to see clearly from many locations.

Edmonton eclipse times:

- **Moonrise:** 8:25 p.m.
- **Partial eclipse begins:** 8:33 p.m.
- **Moon expected to become visible from the Observatory:** Approximately 9:15 p.m.
- **Maximum eclipse:** 10:12 p.m.
- **Partial eclipse ends:** 11:51 p.m.

At maximum eclipse, Earth's dark central shadow, known as the umbra, will cover approximately 93 percent of the Moon's diameter, or more than 96 percent of its visible surface.

The eclipsed portion of the Moon may appear reddish or coppery because a small amount of sunlight passes through Earth's atmosphere and bends toward the Moon. Red light travels through the atmosphere more effectively than other colours, creating the glow often associated with a lunar eclipse.

The free viewing event takes place outdoors at the RASC Observatory in Coronation Park, located just southeast of TELUS World of Science – Edmonton.

Please note that TELUS World of Science – Edmonton's main building remains temporarily closed and will not be accessible during the event, including for washroom access.

Observatory viewing is weather dependent and may be adjusted or cancelled due to cloud cover or unsafe conditions. Visitors are encouraged to check the [TELUS World of Science – Edmonton website](#) or social media channels for the latest updates before attending.

The next total lunar eclipse visible from Edmonton will take place on June 25, 2029, when the Moon will rise already in total eclipse.

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Media Contacts:

- Frank Florian, Senior Manager, Planetarium and Space Sciences
Email: fflorian@twose.ca | Phone: (780) 952-2965
- Brett Nestman, Senior Manager, Marketing & Communications,
Email: bnestman@twose.ca | Phone: (780) 999-8893

About TELUS World of Science – Edmonton

TELUS World of Science – Edmonton's mission is to be a catalyst for lifelong learning, creating a community of curious minds through immersive experiences and connections with the wonders of science. We are the trusted hub of science engagement for all, pushing boundaries and igniting curiosity. The Edmonton Space & Science Foundation is a registered charitable organization that operates TELUS World of Science – Edmonton.