

For Immediate Release

## **Partial Solar Eclipse will take place Monday, August 21**

**Edmonton, AB – August 15, 2017** – All of North America will be treated to an eclipse of the Sun on the morning of Monday, August 21. Clear skies permitting, Edmonton will be able to view a partial eclipse of the Sun at 10:24 a.m. The partial solar eclipse will be visible from all of Canada, while a very rare and spectacular total solar eclipse will be visible along a narrow band across the United States.

A solar eclipse occurs when the Moon travels directly in between the Sun and the Earth and covers the Sun's disk by some amount. For anyone within the path of totality, where the Moon will block the entire Sun's disc for a few short seconds (or minutes), will experience day turn to night – witnessing one of nature's greatest spectacles. This path will stretch from Salem, Oregon to Charleston, South Carolina, USA.

While Albertans will not be in the path of the total solar eclipse, we will be able to see a deep partial eclipse depending upon ones location.

### **Clear skies permitting, Edmontonians should see the following Partial Solar Eclipse events unfold:**

- Partial Solar Eclipse begins: 10:24 a.m. MDT
- Mid-Eclipse (68% of Sun's area covered): 11:35 a.m. MDT
- Partial Solar Eclipse ends: 12:49 p.m. MDT

Beginning at 10:00 a.m. until 1:00 p.m. on Monday, August 21, TELUS World of Science – Edmonton (TWOSE), and members of the Royal Astronomical Society of Canada (RASC), Edmonton Centre, will host a safe telescopic viewing of this special event at TWOSE's RASC Observatory, located in Coronation Park, south of the science centre. Each telescope will be outfitted with a special solar filter, in order to protect our eyes from the Sun's harsh rays. This event is free for the public.

It's important to note: watching a partial solar eclipse can be a fun and memorable experience, but make sure to take the proper precautions to witness this celestial phenomenon safely and use proper eye protection. Failure to do so could result in permanent eye damage, or in extreme cases, blindness.

Learn more about the solar eclipse before you see it! At 10:00 a.m. on August 21, TWOSE presents a special showing of the planetarium show, *A Journey into the Dark: Eclipses & Transits* in the Margaret Zeidler Star Theatre. This 40-minute presentation explores the night sky and uncovers the science and fascinating history of eclipses and transits. All planetarium shows are included in Science Centre Admission.

Visit [twose.ca/partialeclipse](http://twose.ca/partialeclipse) for more information.

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**About TELUS World of Science – Edmonton**

TELUS World of Science - Edmonton is a world-class, broad-based science centre that inspires and motivates people to learn about and contribute to science and technology. TELUS World of Science - Edmonton is a leader in providing high quality, interactive programs and exhibits that provide an avenue for both learning and entertainment, and which spark the imagination of people of all ages. The Edmonton Space & Science Foundation is a non-profit organization that operates TELUS World of Science - Edmonton.