

# SOLAR ECLIPSE 2024

## What is a Solar Eclipse?

A solar eclipse occurs when the moon moves between the sun and the Earth for a short period of time and completely or partially covers the sun.

## When is the Solar Eclipse?

On **April 8, 2024**, much of southern Ontario will experience a total (or near-total) solar eclipse between 2:00pm and 4:30pm. In Toronto, the peak of the eclipse will occur at 3:19pm. Even at the peak, the City of Toronto will not experience a full solar eclipse.

## What are the Dangers of a Solar Eclipse?

Looking directly at the sun for any length of time is very hazardous to the eyes - it can impact your vision and cause permanent damage. It is important to protect your eyes and not look directly into the sun.

## How Can I Safely Experience the Solar Eclipse?



### Avoid Unsafe Eclipse Viewing:

- Do not look directly at the sun for any period of time.
- Do not use cameras, mobile devices, telescopes, or other optical or homemade devices to view the eclipse.



### Use ISO-Certified Solar Eclipse Glasses or Viewers

- Only use proper viewing glasses/filters that comply with the international standard ISO 12312-2(2015).
- Regular sunglasses will not provide adequate protection.
- Eclipse glasses are very dark - take them off when not viewing the eclipse and be aware of obstacles in your surroundings.



### Watch the Eclipse Online

Many organizations, such as NASA, will be live-streaming the eclipse. Visit the QR code below.

**For more information, including a link to watch the eclipse online, view the post on the Humber Communique:**

