

Solar Eclipse Information and Safety

On April 8, 2024, from approximately 2:00 PM to 4:30 PM, parts of Ontario will experience a total solar eclipse.

A total solar eclipse is a rare celestial event where the Moon passes between Earth and the Sun, casting a shadow on the Earth's surface.

This moving shadow, called "the path of totality", is a narrow path approximately 110-115km wide where the Sun appears to be completely covered.

The sky will darken, as if it were dawn or dusk.

Weather permitting and with appropriate eye protection, people in the path of a total solar eclipse can see the Sun's corona (the outer atmosphere of the sun), which is otherwise usually obscured by the bright face of the Sun.

Other areas will be able to see a partial solar eclipse.

Safe Viewing of the Eclipse

- **The eclipse poses no risk to those who do not look directly at the Sun. Looking directly at the Sun, even when viewing a partial eclipse or looking at even a small sliver before or after the eclipse, without approved eye protection, can lead to serious problems such as partial or complete loss of eyesight.**
- It is not safe to look at the Sun through regular sunglasses, camera or phone lens, telescope, binoculars, and/or other optical devices.
- **Glasses with specialized filters adhering to the ISO 12312-2 international standard can be worn to prevent eye damage.** Glasses should be inspected for wrinkles or scratches ahead of use and should not be used if damaged.
- Residents, families, and staff procuring solar eclipse glasses should take caution in ensuring that this protective eyewear is obtained from a credible vendor.
- If appropriate eye protection is not available, alternate viewing strategies should be considered, such as [an eclipse box](#) or a [LiveStream](#).

Contact your home's administration for more information about its Solar Eclipse preparedness plans on April 8, 2024. Please refer to the Canadian Space Agency for more information about the Solar Eclipse (<https://www.asc-csa.gc.ca>).