

Safety

The only safe way to look directly at the uneclipsed or partially eclipsed Sun is through special-purpose solar filters, such as eclipse glasses or hand-held solar viewers. **Homemade filters or personal sunglasses are not safe for looking at the Sun. Dark sunglasses are not safe to use either.**

Follow these simple guidelines:

- Use only ISO-certified-safe solar eclipse glasses and viewers.
- Keep them on while the Sun is not yet fully eclipsed.
- Once the sky suddenly turns dark, you can take off your eclipse glasses or viewers for only the few minutes of darkness.
- As soon as the bright Sun begins to reappear, put your solar eclipse glasses on to glance at the remaining partial phases.

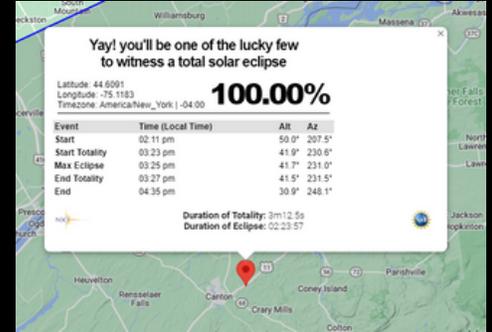
According to the American Academy of Ophthalmology, looking at the sun without proper eye protection for even a short time can harm your eyes and risk permanently damaging your retina.

Solar retinopathy, or blindness, has occurred when people have looked directly at the sun.

The American Astronomical Society has provided a list of approved manufacturers of ISO certified safe solar eclipse glasses. [Click for link.](#)

Additionally, ISO certified safe viewing glasses are available in St. Lawrence County. Local libraries have been offering glasses and some are available to purchase through the St. Lawrence County Chamber of Commerce for \$3.00.

Timing



In Canton:

- Start of eclipse: 2:11 pm
- Start Totality: 3:23 pm
- Max Eclipse: 3:25 pm
- End Totality: 3:27 pm
- End of eclipse: 4:35 pm

To view map and track your eclipse viewing location:



Credit: National Solar Observatory, AURA and National Science Foundation. Using NASA eclipse path data generated by Fred Espenak, Besselian Elements for April 8, 2024 total solar eclipse. Specific eclipse data from the US Naval Observatory's Astronomical Applications Department.

