

Protect Your Eyes

During the 2024 Solar Eclipse



What is a Solar Eclipse?

A solar eclipse occurs when the moon passes directly in between the sun and Earth, momentarily blocking out the sun.

Vision Damage and Protection

Improper viewing of an eclipse can cause vision damage, like "eclipse blindness" and retinal burns. Damage can be permanent and symptoms may not occur until days after exposure.

- The eclipse should only be viewed through lenses with specialized solar filters.
- Regular sunglasses, camera lenses, and binoculars are NOT safe for viewing.
- Only use approved solar eclipse viewers. The only safe way to view a partially eclipsed sun is through special-purpose solar filters, such as "eclipse glasses" or viewers that meet international standard ISO 12312-2 for safe viewing.
- Do not view through lenses that are scratched or damaged.

When and Where to Watch

The eclipse will occur on April 8. Areas in the direct path will experience a total eclipse. Others like Philadelphia will only experience partial totality, which will be most visible around 3:23 p.m.



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