

# April 8, 2024 - Totality

- Cleveland is in the path of Totality (Total Eclipse)
  - Totality will be experienced from 3:13 – 3:17
- The last Total Eclipse in our area was in 1806
- The next Total Eclipse in our area will be in 2099
- Over 7,000 eye injuries from the last eclipse resulting in permanent vision impairment
  - The eye has very few nerves which allows a person to stare at the sun and not recognize the damage until it is too late
- Do NOT look at the Sun through a camera lens, telescope, binoculars, or any other optical device.
- While Totality only lasts for several minutes, the eclipsing sun is what is most dangerous and lasts for a few hours
- The sun is at its 20-year peak, burning hotter and brighter, which will result in a spectacular display but is also most harmful
- You must look through safe solar viewing glasses (“eclipse glasses”) or a safe handheld solar viewer at all times.
  - Eclipse glasses are NOT regular sunglasses; regular sunglasses, no matter how dark, are not safe for viewing the Sun. [Safe solar viewers](#) are thousands of times darker and comply with the [ISO 12312-2](#) international standard (look for the ISO registration on your viewers)
- Emergency Management Agencies are expecting 7 hours of standing traffic



<https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/safety/>