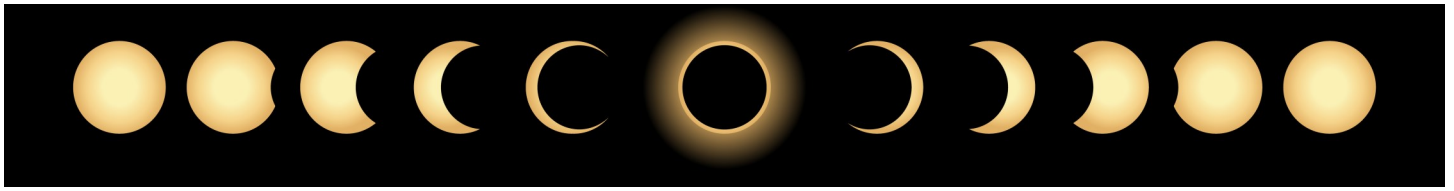


TOTAL ECLIPSE OF THE SUN



MONDAY, APRIL 8, 2024

What



Ohio will experience a once-in-a-lifetime total solar eclipse April 8, 2024. Solar eclipses occur when the path of the moon crosses directly in front of the sun. Many parts of the state will be in total darkness for a few minutes during the midafternoon. The remainder of the state will see the sun at least 95% blocked by the moon. The last time a total solar eclipse was visible in Ohio was in 1806. If you miss this, you'll have to wait until 2099.

When



In our area, the eclipse from start to finish will take around 2 1/2 hours starting just before 2pm and ending around 4:30pm. The total eclipse (when the sun is completely obscured by the moon) will only be about a minute and a half, starting at 3:10. (The actual times depend on where you are.)

What To Do and What Not To Do



Of course you know not to stare directly at the sun, and that is true even when the moon has completely covered the sun (the corona will still be visible). You can purchase eclipse glasses at local stores or online. Be sure they conform to ISO 12312-2 standards. Greene County Library and Parks & Trails may still have some glasses available. (See over)



Where to Learn More

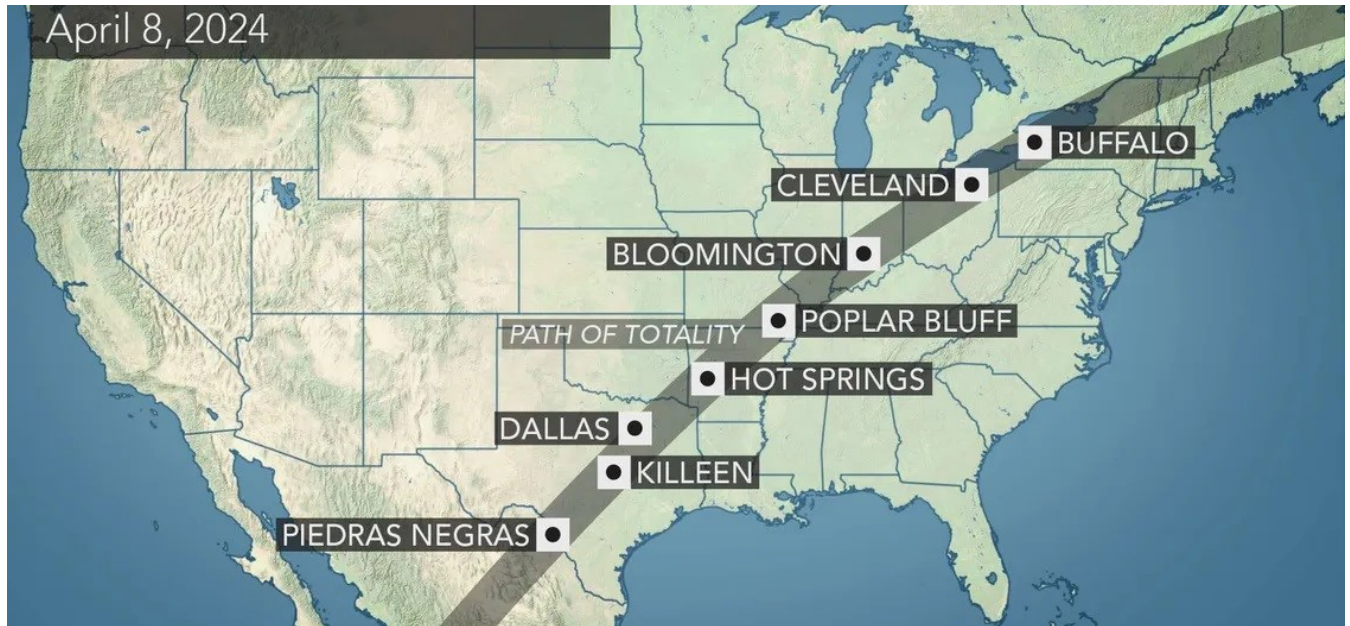
education.ohio.gov/Topics/Learning-in-Ohio/Science/Resources-for-Science/2024-Solar-Eclipse

ema.ohio.gov/media-publications/ohio-total-solar-eclipse

This NASA page has a cool short video explaining the eclipse: svs.gsfc.nasa.gov/5186/



SOLAR ECLIPSE CAUTION!



It's Going to Be a Really Big Deal!

People from all over the USA will travel to the nearest location to watch the total eclipse of the sun. Ohio can expect people from a large part of the East, Mid-West and even Canada to visit.

Local officials are warning of lots of traffic. Police and emergency responders will be busy. Schools will be closed that day, parking lots will be full of folks watching the eclipse, the sides of the road will have people parked and even walking around staring at the sky. Gas stations & convenience stores could even run out of snacks and gas. Cell phone networks could be overwhelmed.

Plan ahead for April 8: make sure you have gas in your tank, cash in your pocket and food in the house, *stay home if at all possible*, and get your eclipse glasses early.

Have old eclipse glasses? It's probably best not to use them. It's been years since the last eclipse and the glasses may have been scratched, bent, or gotten pinholes. You only have one set of eyes and new eclipse glasses are not too expensive, so be safe and get new glasses. See over for ways to get free ones.