



### Dam/Levee Failure

Occurs when any artificial barrier that impounds or diverts water is suddenly released in an uncontrollable manner, resulting in a flood wave that can damage buildings and infrastructure. Hocking County has four High Hazard Potential dams, and seven Significant Hazard Potential dams.



### Drought

Droughts occur when water levels drop. They can occur anywhere, and they increase the risks of flash floods, wildfires, and landslides. Droughts occurred in the Summer and Winter of 2023, Fall of 2022, Summer of 2012, Winter of 2008, Summer and Fall of 2007, and Fall of 2002 in Hocking County.



### Earthquake

Earthquakes are sudden and rapid movements caused by the abrupt shifting of Earth's tectonic plates deep beneath the surface. Although earthquakes are very rare, they are unpredictable and can be catastrophic.



### Extreme Temperatures

Extreme temperature events include both extreme cold and extreme heat. There have been at least 4 extreme temperature events since 1995. No property damage has reportedly been caused by extreme temperatures.



### Flooding

Floods are typically riverine, coastal, or shallow. Flash floods are floods that occur quickly, even occurring without visible signs of precipitation. Hocking County has experienced 98 floods and flash floods since 1995. These events caused approximately \$3.6 million in property damage.



### Invasive Species

Invasive species are any species within Hocking County that are not native to the area. These species can cause ecological or economic damage.



### Landslides/Land Subsidence

A landslide occurs when rocks, earth, or other materials move down a slope. Common causes include rain, floods, and development practices along slopes. Land subsidence is when Earth's surface settles or suddenly sinks. These are common with abandoned mines.



### Severe Storms

Severe storms include hailstorms, heavy rain, high wind, and **thunder/lightning** storms. There have been 170 events in Darke County since 1995, causing approximately \$4.2 million in property damage.



### Severe Winter Weather

Winter storms can include extreme cold, freezing rain, ice, snow, high winds, or any combination of these conditions. There have been 96 events in Hocking County since 1995, causing approximately \$1.0 million in property and crop damage in Darke County.



### Tornadoes and Damaging Winds

Tornadoes usually occur during severe thunderstorm events.

Hocking County has experienced at least 3 tornadoes since 1995.

Tornadoes have caused approximately \$1.6 million in property and crop damage.



### Tourism

Tourism can create pressure on natural resources, goods, and the energy grid. Tourism is generally seasonal, causing many destinations to have up to ten times more inhabitants.



### Wildfire

Wildfires are fires that occur in the wilderness or countryside and can spread quickly.

Hocking County has an average of nine wildfire events per year.