



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. Scioto County has eight High Hazard Potential dams, and four 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 2023, 2022, 2021, 2020, 2019, 2017, 2016, 2015, 2014, 2012, 2010, 2009, 2008, 2007, 2006, 2005, 2002, 2001, and 2000 in Scioto 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.



Flooding

Floods are typically riverine, coastal, or shallow. Flash floods are floods that occur quickly, even occurring without visible signs of precipitation. Scioto County has experienced 145 floods and flash floods since 1995. These events caused approximately \$8 million in property and crop damage.



Invasive Species

Invasive species are any species within Scioto 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 Summer Weather

Severe storms include **hailstorms, heavy rain, high wind, and thunder/lightning** storms. There have been 344 events in Scioto County since 1995, causing approximately \$10.5 million in property damage.



Severe Wind and Tornadoes

Tornadoes usually occur during severe thunderstorm events. Scioto County has experienced at least seven tornadoes since 1995. Tornadoes have caused approximately \$640,000 in property and crop 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 112 events in Scioto County since 1995, causing approximately \$2 million in property and crop damage.



Wildfire

Wildfires are fires that occur in the wilderness or countryside and can spread quickly. Scioto County has an average of 19 wildfire events per year between 2018 and 2022.