



### Dam / Levee Failure

There are 3 Class I dams in Miami County. Dam failure is the rapid and uncontrolled release of impounded water. Failure of Class I dams is likely to cause loss of life or economic damages.



### 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 Summers of 1996 and 1999. While exact damages are difficult to quantify, crop yields may have suffered.



### Earthquakes

Earthquakes are caused by the breaking and shifting of rocks beneath the earth's surface. There have been no known earthquakes in Miami County.



### Epidemic

An epidemic is the rapid spread of disease to a large number of people in a given population within a short period of time. COVID-19 is an example of an epidemic.



### Extreme Heat

There have been 5 extreme heat events in Miami County since 1999. Extreme cold events are included in Severe Winter Weather.



### Flooding

Flooding is caused by the overflow of inland water. Flash floods occur when rain water accumulates on impervious surfaces. Since 1996, there have been at least 63 flood events in Miami County, 22 of which were flash floods. Flood events in the County have caused at least \$1.5 million in property damage



### Hazardous Materials

Hazardous materials include the gas and oil industry, as well as spills at storage or processing facilities or spills along roadways during shipping. Spills from transit can originate in other counties.



### Invasive Species / Infestation

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



### Severe Thunderstorms

Severe thunderstorms include wind, lightning, and hail. Thunderstorms have caused more than \$1.5 million in property damage in Miami County since 1990. Damaging winds are typically covered under tornadoes.



### Severe Winter Storms

Winter storms can include extreme cold, freezing rain, ice, snow, wind chill, or any combination of these conditions. Since 1996, winter storms have caused approximately \$650,000 of property damage in Miami County.



### Terrorism

There are five types of terrorism, including biological terrorism, agroterrorism, chemical terrorism, cyberterrorism, and active aggressors.



### Tornadoes & Damaging Winds

Tornadoes usually occur during severe thunderstorms. Miami County has experienced at least 19 tornadoes since 1992, resulting in approximately \$25 million in property damage and at least one death.