

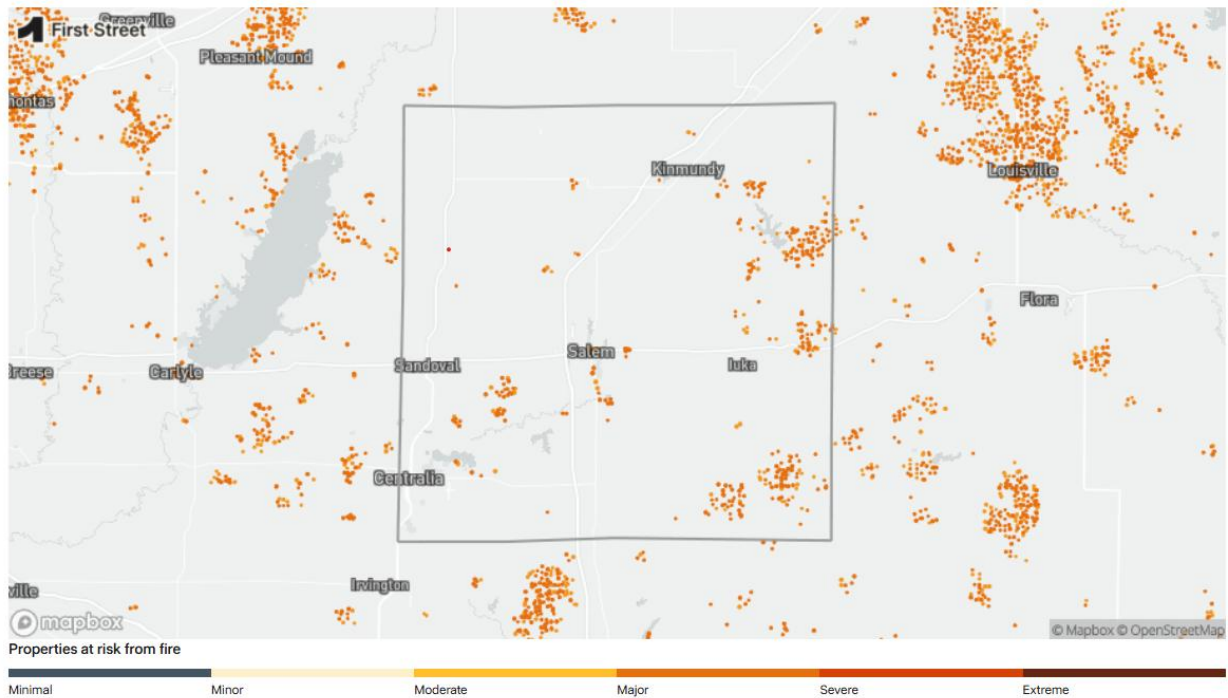
Historical Data and Risk Reports

I. Disaster Declarations

- i. Covid-19; 1/20/2020
- ii. Severe storms and flooding; 4/19/2011
- iii. Severe winter storm and snowstorm; 1/31/2011
- iv. Tornado; 4/21/2022
- v. Severe storm; 4/18/1996
- vi. Severe storm; 5/15/1990

II. Wildfires

- a. 10,954 properties (38%) in the county are at risk of being affected by wildfire over the next 30 years.
- b. Moderate risk of wildfire
- c. No historical records of wildfire events



Residential: **Moderate Risk** ○

7,101 out of 21,209 homes at risk

Commercial: **Moderate Risk** ○

441 out of 1,990 properties at risk

Infrastructure: **Moderate Risk**

35 out of 106 facilities at risk

Social: **Moderate Risk**

17 out of 125 facilities at risk

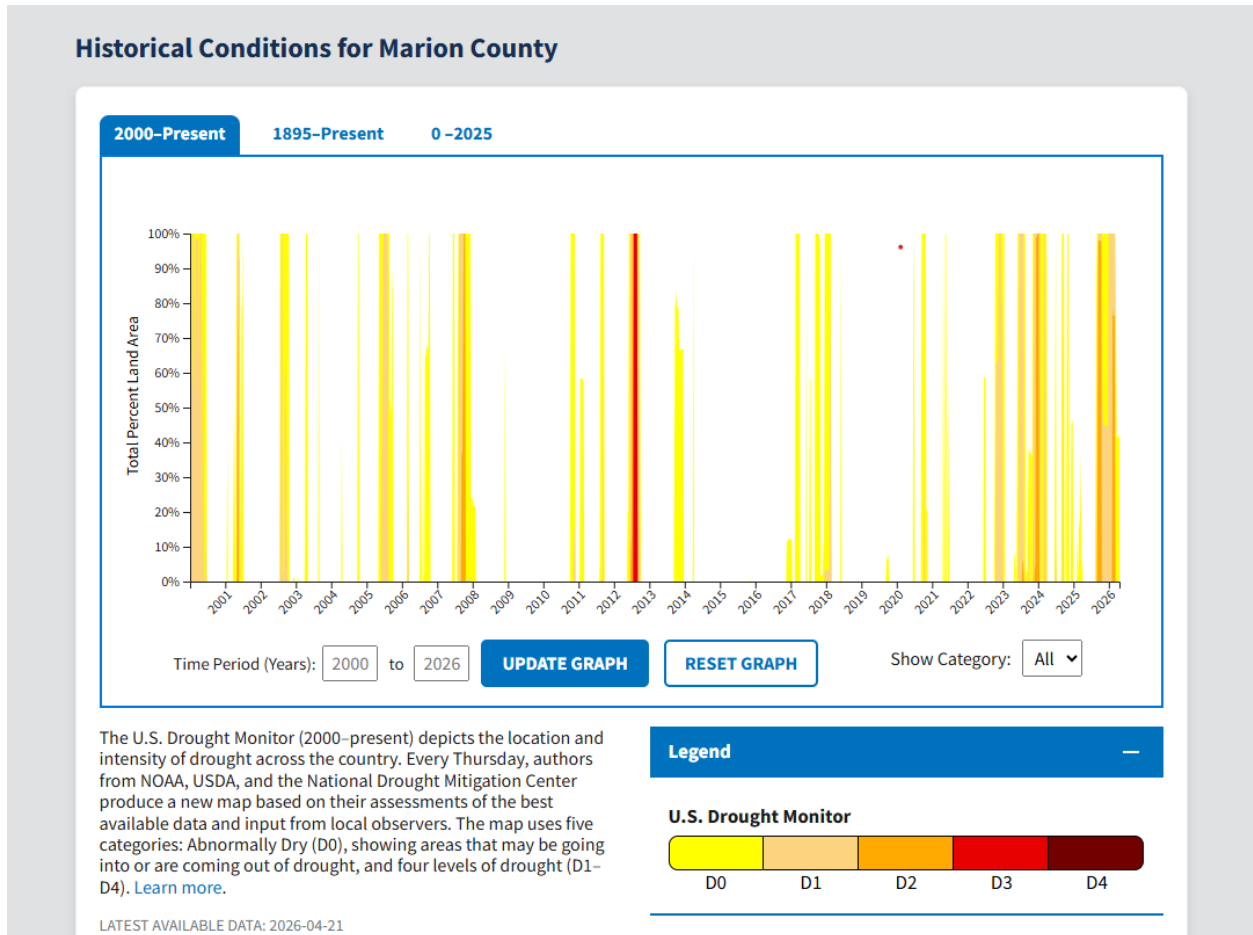
III. Tornadoes

- a. Between 1922-2026:

- i. Approximately 32 tornados have touched down in Marion County
- ii. 7 EF0; 19 EF1; 5 EF2; 1 EF3
- iii. Highest concentrations between 1956-1960 and 1973-1976
- iv. See attached National Weather Service Data

IV. Drought Conditions

- a. 2026 is currently the 39th driest year to date over the past 132 years



V. Severe Thunderstorms

- a. 27th wettest March on record over the past 132 years
- b. Up 1.55 inches of rain from normal
- c. Minor wind factor risk
- d. High frequency of severe weather events with risk increasing each year

VI. Flooding

- a. 34 flood-related events since 1996
- b. 31 flash flood events since 1996, resulting in 5 fatalities

- c. Total property damage: \$127,000
- VII. Severe Winter Weather
 - a. Snowfall record: 19.7 inches of snow in 24 hours on 4/6/1971
 - b. Recent winter weather events have included polar vortexes, ice storms, and significant snowfall
- VIII. Man-made Hazards
 - a. Varied transportation accidents along interstate involving semi-trucks carrying harmful chemicals
 - b. Tonti train wreck in 1971
 - c. Iuka train derailment in 1972