

No additional Drought/Heatwave occurrences were located.

(Bradford County 2016 LMS, pp. 111)

Additionally, the National Ocean and Atmospheric Administration documents one drought event, dated 12-18-2006. The record indicates, “In Bradford County, Florida farmers are running their irrigation systems at \$200 to \$300 a day to produce greens, and feed for their farm animals. They also have 1 fish camp who has suffered a loss due to the drought. Bradford county farmers have lost approx. \$30,000.00 so far this year, and the fish camp has lost \$2,000.00 this year for a total of 32,000.00.”

(Source: <https://www.ncdc.noaa.gov/stormevents/>)

There is no recorded data regarding heat wave occurrences for Bradford County.

Vulnerability

While Bradford County’s structures and infrastructure are not vulnerable to drought and heat wave events, people and some economics are. The sick, elderly, poor, and children are the most vulnerable to a heat wave. Crops, which are an economic source, are at risk to drought. Housing conditions may also play a role in determining who is vulnerable to heat wave and drought incidents.

Probability – The probability for drought related events is low-medium for the entire county. The probability for heat related events is medium.

Location – Based on its nature, drought and heat wave are a concern for the entire county.

Extent – Worst-case scenario drought includes a water shortage to the point that local waterways recede to record low flow levels. The worst-case scenario for heat wave includes impacts that make it dangerous for humans and animals.

Impacts – Both drought and heatwave can have severe impacts locally. Prolonged drought can give way to financial implications for the County as a large portion of the local economy is driven by agricultural industry, which relies on rain. A lack of rain could burden the industry by increasing operating costs or depleting crops. Heat wave could have health risks associated with its impact. Exposure to extreme heat could result in heat-related illness and/or death.