

2/7/2017	EF1
10/10/2018	EF0
12/24/2020*	EF1

*Vulnerability*

The vulnerability to tornado events can be defined as to the extent to which people will experience harm and property will be damaged from the natural hazard. Bradford County is most vulnerable to these wind disasters due to a high concentration of the population residing in mobile homes.

In the event of a tornado, the potential for damage to mobile homes is significant. This potential increases with various factors, such as the proximity of the storm event to the structure, the age, and the construction quality.

The most damaging tornado that affected the population and structures in Bradford was on 1/21/2010. An EF1 tornado touched down around 1:22 PM in Bradford County. The path width varies from 200 to 400 yards, and the path length was around 9 to possibly 10 miles. Numerous outbuildings were damaged and destroyed. There was mostly minor damage to substantial structures. At least a dozen homes were damaged along CR 229. There were 25 homes that suffered minor damage and 28 that had major damage. A total of 23 homes were destroyed. The Emergency Management Director estimated \$2.5 to \$3 million dollars in damages to homes and about \$500,000 in damages to out buildings. The tornado traveled just north of due east and lifted in western Clay County where the path may have gone over the Camp Blanding National Guard Auxiliary.

**Probability** - The probability of Bradford County being affected by a tornado each year is high.

**Location** - The entire county is at risk of a tornado.

**Extent** - The worst-case scenario would be an F5 tornado, categorized by destructive winds of 261 – 318 miles per hour. A tornado of this rating would cause complete devastation of homes, businesses, churches, schools, and government buildings, bring trees and power lines down, and the infrastructure destroyed.

**Impact** – Destruction and damage to residences, business, outbuildings, and infrastructure; damage to public utilities; downed trees, and; economic impacts related to destroyed businesses and products and the cost of response & recovery.