

Location or County	Date	Time	Magnitude	Damage
Fannin	6/23/1987	17:05	F0	
Fannin	4/5/1988	4:15 PM	F0	
Fannin	8/12/1988	12.30 PM	F1	
Fannin	10/7/1992	5:20 PM	F1	3K
Lake Bonham	4/26/1994	6:00 PM	F0	
Bonham	4/26/1994	6:10 PM	F0	
Honey Grove	4/26/1994	6:10 PM	F0	50K
Ivanhoe	1/17/1996	9:55 PM	F2	5 injuries & 150K
Trenton	4/26/1999	8:42 AM	F1	40K
Leonard	5/27/2000	4:42 PM	F0	
				6.130 M

Source: www.ncdc.noaa.gov

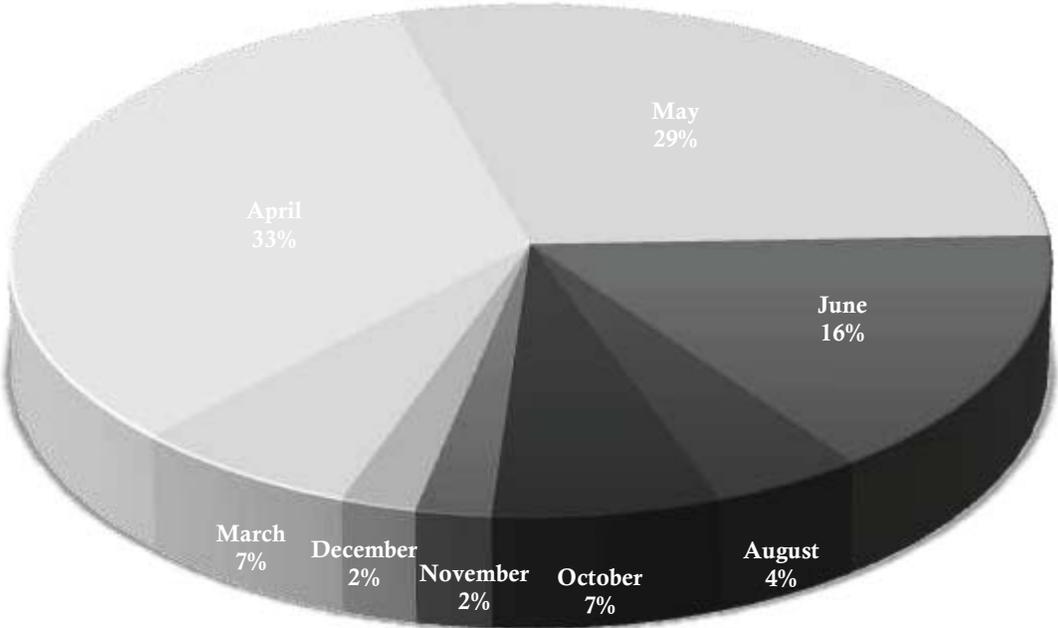
Fannin County has had some significant tornado events in the past. The most damaging one in the past 55 years was the April 2, 1982 tornado outbreak. The storm moved into Fannin County from the west where it had just produced golf ball sized hail in Grayson County. The storm reportedly generated hailstones as large as six inches in diameter. A rotating cloud was then spotted over Ravenna before it touched down as an F2 three miles south-southeast of the community. This twister was briefly accompanied by another smaller tornado. The storm continued in an eastward track into Lamar County where it struck the county seat of Paris. The storm left Fannin County with six homes, two mobile homes, ten barns, and countless storage building and power lines destroyed.

Most tornado events in Fannin County have a magnitude of F0 to F1. These tornadoes are on the ground for a short time, less than 50 yards in width and damage is mostly confined to trees and power lines. These small tornadoes can do significant damage in a more vulnerable surrounding. The F1 tornadoes on October 1980 caused over \$150,000 in damage.

5. Probability of Future Events

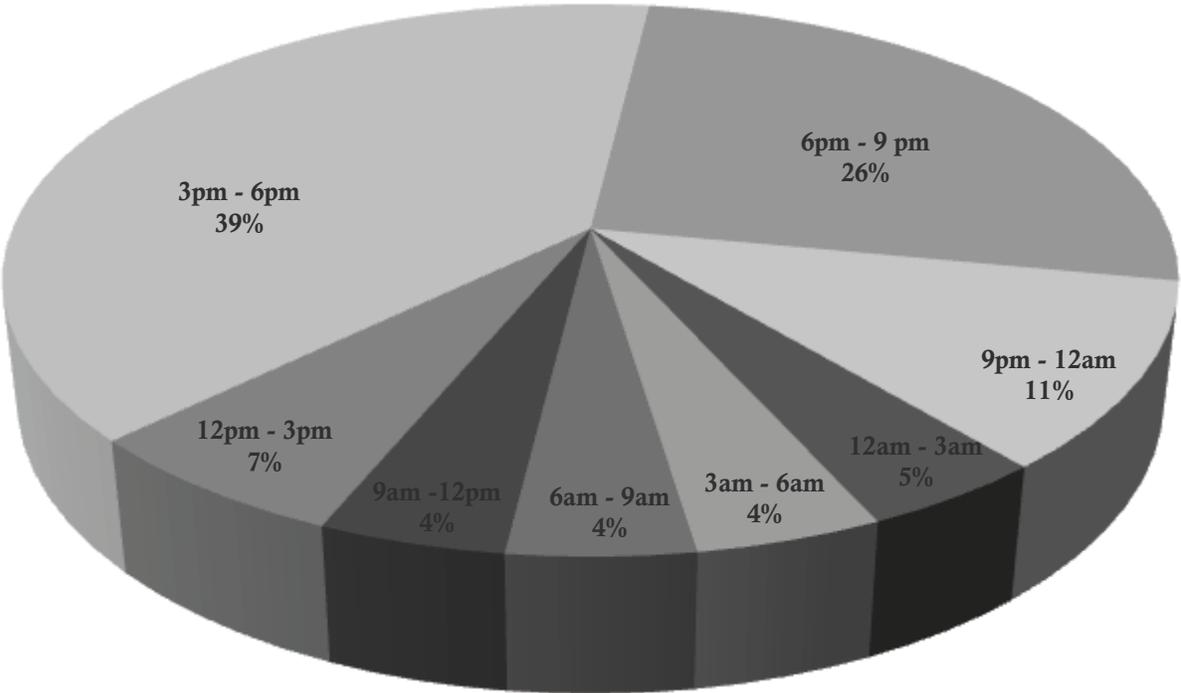
In the last 53 years Fannin County had 46 tornadoes, resulting in an average of 0.87 reported tornadoes per year. Therefore the probability of a tornado occurring within the county each year is highly likely. April to June is the predominate tornado season, though again, they can occur any time of year. Over 75% of tornadoes occur between noon and midnight, and one third from 3:00 to 6:00 pm.

Chart 5a: Percentages of Tornado Occurrences by Month



Source: www.ncdc.noaa.gov

Chart 5b: Percentages of Tornado Occurrences by Time



Source: www.ncdc.noaa.gov