Cleveland County Climate Summary

Temperature
Average Annual: 60.2°F
Average Maximum: 71.3°F
Average Minimum: 49.2°F
Record High: 118°F
Record Lowest: -8°F
Number of Days greater than 90°: 65
Number of Days high less than 32°: 6

Winter Weather
Average Annual Snowfall: 6.8in
Days with snow on the ground: 5
Greatest Seasonal Snowfall: 22.1in
(1947-1948)
Greatest Daily Snowfall: 11in
(2/18/21)
Date of Average Last Freeze in Spring: April 6
Date of Average First Freeze in Fall: Nov. 1
Length of Growing Season: 212

Precipitation
Average Annual: 38.88in
Number of Days with Precipitation: 65
Wettest Year: 61.27in (2015)
Driest Year: 18.04in (1954)
Greatest Daily Rainfall: 8.95in
(10/22/1908)

Other Facts
Average Wind Speed: 10mph
Sunshine: 55-80%
Average Humidity: 68%
Thunderstorm Days: 49
Hail Events (1950-2016): 602
Number of Tornadoes (1950-2016): 77

WINDS 1994-2015
Sites: Norman Mesonet Site (NORM) (Commissioned 1994-2002; Wind Rose unavailable)
Norman Mesonet Site (NRMN) (Commissioned 2002; Wind Rose unavailable)