

WASHITA COUNTY

CLIMATE SUMMARY

AVERAGES

TEMPERATURE (°F)

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| DAILY AVG | 38.2 | 41.6 | 50.2 | 58.0 | 68.5 | 78.1 | 82.7 | 81.2 | 73.1 | 60.9 | 48.3 | 39.5 | 60.0 |
| DAILY MIN | 27.5 | 30.2 | 38.6 | 46.4 | 56.9 | 66.8 | 71.3 | 69.9 | 62.1 | 49.4 | 37.7 | 29.6 | 48.9 |
| DAILY MAX | 49.0 | 53.0 | 61.9 | 69.7 | 80.1 | 89.5 | 94.2 | 92.5 | 84.1 | 72.3 | 59.0 | 49.4 | 71.2 |

Annual number of days max temperature is greater than 90°F: 90
Annual number of days max temperature is greater than 100°F: 24
Annual number of days max temperature is less than 32°F: 8
Annual number of days min temperature is less than 32°F: 75
Annual number of heating degree days (HDD): 3752
Annual number of cooling degree days (CDD): 1981
Annual length of growing season: 210 days
Date of first fall freeze: November 4
Date of last spring freeze: April 5

PRECIPITATION

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| AMOUNT (in.) | 0.61 | 0.78 | 1.40 | 2.60 | 3.55 | 3.28 | 1.96 | 3.12 | 2.59 | 2.33 | 0.91 | 0.77 | 23.90 |
| NUMBER OF DAYS WITH RAIN | 2.6 | 3.6 | 5.5 | 7.0 | 7.4 | 7.4 | 5.5 | 6.5 | 5.6 | 6.0 | 3.7 | 3.3 | 64.1 |

Annual snowfall: 5.7 in.
Annual percent sunshine (2006-2020): 72%
Annual number of thunderstorm days (1901-1995): 43
Annual number of hail (>1 in.) days (1986-2015): 5+
Annual number of tornadoes (1950-2021): 0.76
Total number of tornadoes (1950-2021): 55

Notes:

- 1.) Average first and last freeze dates are based on the 50th probability percentile.
- 2.) Unless noted, averages/normals are based on the 1991-2020 period.

RECORDS & EXTREMES

Record high temperature: 119°F (August 11, 1936)

Record low temperature: -14°F (January 4, 1947)

Earliest freeze date: October 21

Latest freeze date: April 22

Wettest year: 46.90 in. (1986)

Driest year: 9.05 in. (2003)

Greatest daily rainfall: 6.69 in. (September 29, 1986)

Greatest seasonal snowfall (Sep - Apr): 30.0 in. (1987-1988)

Greatest daily snowfall: 9.2 in. (February 4, 1964)

Note: Extreme earliest and latest freeze dates are based on the 10th probability percentile.

HOLIDAY STATS

| | AVG MAX TEMP (°F) | AVG MIN TEMP (°F) | RECORD HIGH (°F) | RECORD LOW (°F) |
|---------------------------------|-------------------|-------------------|------------------|-----------------|
| NEW YEAR'S EVE, December 31 | 45 | 27 | 76 (2011) | 8 (2017) |
| VALENTINE'S DAY, February 14 | 53 | 30 | 80 (2015) | 9 (2014) |
| INDEPENDENCE DAY, July 4 | 93 | 70 | 102 (1969) | 58 (1997) |
| HALLOWEEN, October 31 | 64 | 43 | 84 (2016) | 20 (2019) |
| CHRISTMAS, December 25 | 48 | 26 | 67 (2005) | 12 (2012) |

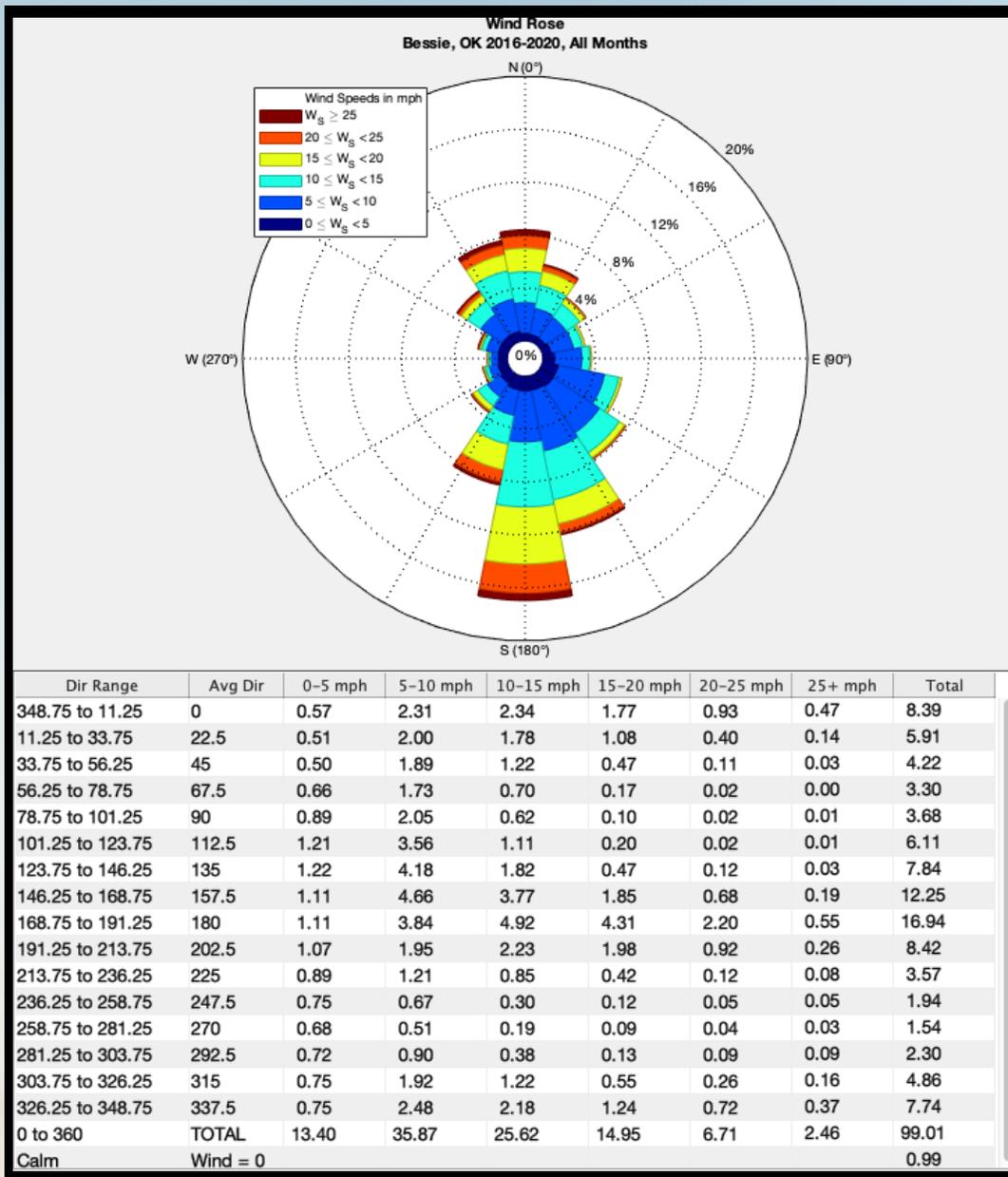


WIND

Average wind speed: 11 mph

Wind Roses: Wind roses show the prevailing direction from which the wind is blowing. North is up in the image. The circles show the percentage of time from which the wind is blowing in that direction, as well as the percentage of time for different wind speed ranges. The wind speed ranges are represented by different shades of color. For example, Bessie records a south wind about 17% of the time, with winds blowing between 10 and 15 mph about 5% ($10\% - 5\% = 5\%$) of the time from that direction. The table below shows the percentage of time the wind is blowing from each of the 16-point compass headings, and the percent of time the prevailing wind is recorded in each speed bin.





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