# GRADY COUNTY

### CLIMATE SUMMARY

### AVFRAGES

TEMPERATURE (°F)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
DAILY AVG	40.2	44.1	52.9	62.2	71.2	79.2	83.9	82.6	75.0	63.5	51.4	42.0	62.4
DAILY MIN	26.8	30.4	39.2	48.4	58.8	67.3	71.0	69.9	61.6	49.7	38.2	29.7	49.3
DAILY MAX	53.5	57.7	66.6	75.9	83.5	91.1	96.7	95.3	88.0	77.3	64.5	54.3	75.4

Annual number of days max temperature is greater than 90°F: 94 Annual number of days max temperature is greater than 100°F: 21

Annual number of days max temperature is less than 32°F: 5
Annual number of days min temperature is less than 32°F: 79

Annual number of heating degree days (HDD): 3191
Annual number of cooling degree days (CDD): 2250

Annual length of growing season: 211 days

Date of first fall freeze: November 1
Date of last spring freeze: April 4

PRECIPITATION													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
AMOUNT (in.)	1.39	1.61	2.61	4.05	5.02	4.39	2.85	3.46	3.72	3.32	2.17	2.01	36.60
NUMBER OF DAYS WITH RAIN	4.6	5.0	6.3	7.1	9.3	7.9	5.1	5.9	6.7	6.4	5.5	5.4	75.2

Annual snowfall: 4.6 in.

Annual percent sunshine (2006-2020): 68%

Annual number of thunderstorm days (1901-1995): 47
Annual number of hail (>1 in.) days (1986-2015): 5+

Annual number of tornadoes (1950-2021): 1.17 Total number of tornadoes (1950-2021): 84

#### Notes:

<sup>2.)</sup> Unless noted, averages/normals are based on the 1991-2020 period.





<sup>1.)</sup> Average first and last freeze dates are based on the 50th probability percentile.

## RECORDS & EXTREMES

Record high temperature: 116°F (August 11, 1936)
Record low temperature: -17°F (February 16, 2021)

Earliest freeze date: October 18 Latest freeze date: April 20 Wettest year: 60.06 in. (2007) Driest year: 16.33 in. (1901)

Greatest daily rainfall: 7.45 in. (August 19, 2007)

Greatest seasonal snowfall (Sep - Apr): 25.6 in. (1977-1978)

Greatest daily snowfall: 14.0 in. (March 5, 1989)

-----

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

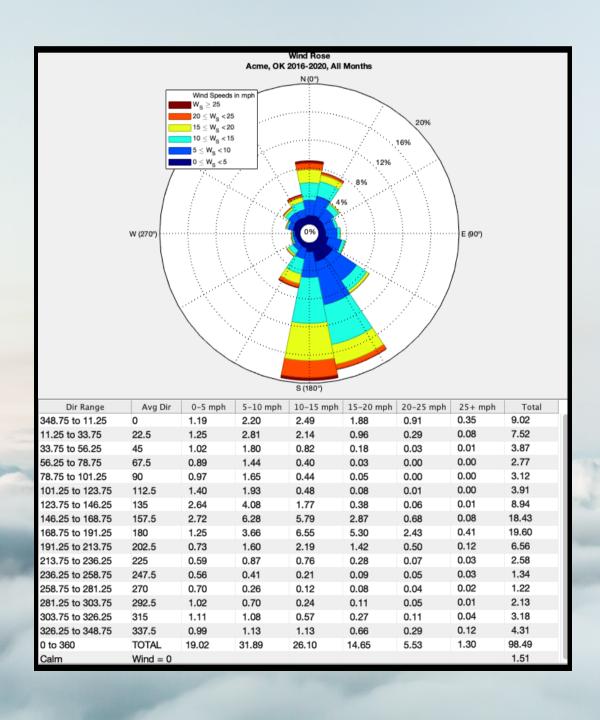
### HOLIDAY STATS

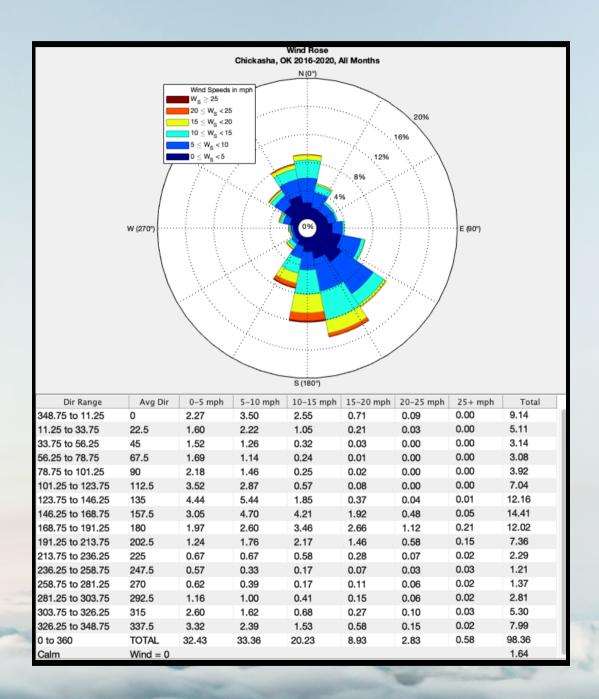
	AVG MAX TEMP (°F)	AVG MIN TEMP (°F)	RECORD HIGH (°F)	RECORD LOW (°F)
NEW YEAR'S EVE, December 31	49	27	72 (2004)	3 (1968)
VALENTINE'S DAY, February 14	58	32	82 (1954)	15 (1978)
INDEPENDENCE DAY, July 4	94	70	108 (1980)	60 (1968)
HALLOWEEN, October 31	69	45	85 (1992)	14 (1993)
CHRISTMAS, December 25	50	25	70 (1954)	1 (1983)

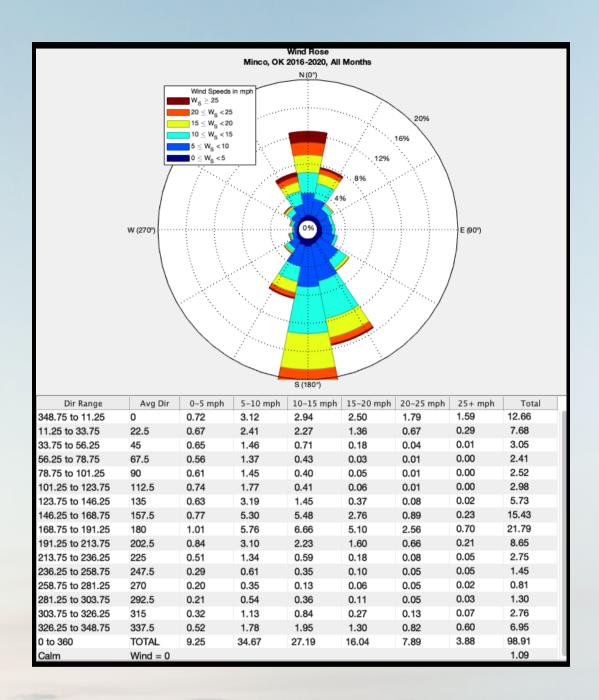
### WIND

#### 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, Acme records a south wind about 20% of the time, with winds blowing between 5 and 10 mph about 4% (5%-1%=4%) 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.









Oklahoma Climatological Survey:

climate.ok.gov

Oklahoma Mesonet:

mesonet.org

120 David L. Boren Blvd., Suite 2900

Norman, OK 73072 phone: 405.325.2541

fax: 405.325.7282