

CIMARRON COUNTY

CLIMATE SUMMARY

AVERAGES

TEMPERATURE (°F)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
DAILY AVG	36.1	39.1	46.8	54.5	63.8	74.0	78.3	76.1	69.2	57.0	45.3	36.5	56.4
DAILY MIN	20.4	22.6	29.5	37.6	47.3	57.9	62.8	61.5	53.8	40.4	29.3	21.7	40.4
DAILY MAX	51.8	55.7	64.2	71.5	80.4	90.1	93.8	90.8	84.6	73.5	61.4	51.3	72.4

Annual number of days max temperature is greater than 90°F: 74
Annual number of days max temperature is greater than 100°F: 10
Annual number of days max temperature is less than 32°F: 9
Annual number of days min temperature is less than 32°F: 135
Annual number of heating degree days (HDD): 4405
Annual number of cooling degree days (CDD): 1305
Annual length of growing season: 173 days
Date of first fall freeze: October 17
Date of last spring freeze: April 26

PRECIPITATION													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
AMOUNT (in.)	0.50	0.36	1.10	1.40	1.82	2.28	3.12	3.23	1.75	1.48	0.56	0.74	18.34
NUMBER OF DAYS WITH RAIN	2.7	2.6	3.6	4.4	5.9	5.8	7.2	6.6	4.0	3.4	2.6	3.2	52.0

Annual snowfall: 29.7 in.
Annual percent sunshine (2006-2020): 78%
Annual number of thunderstorm days (1901-1995): 40
Annual number of hail (>1 in.) days (1986-2015): 4-5
Annual number of tornadoes (1950-2021): 0.69
Total number of tornadoes (1950-2021): 50

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: 109°F (June 29, 1957; June 29, 1998)

Record low temperature: -24°F (January 4, 1959)

Earliest freeze date: October 4

Latest freeze date: May 9

Wettest year: 36.56 in. (1941)

Driest year: 6.53 in. (1956)

Greatest daily rainfall: 6.37 in. (October 17, 1965)

Greatest seasonal snowfall (Sep - Apr): 64.5 in. (1997-1998)

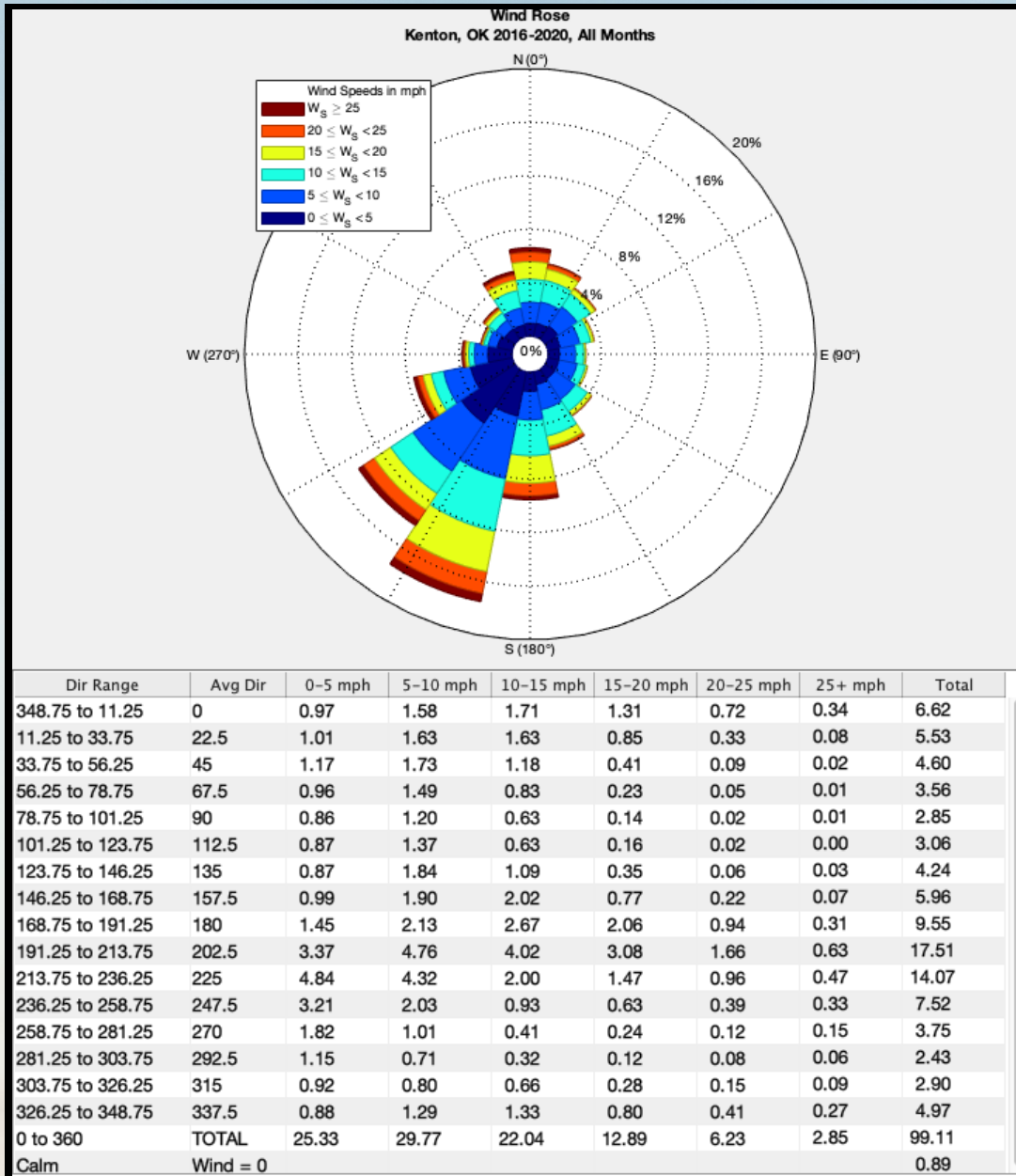
Greatest daily snowfall: 18 in. (February 25, 1903)

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	47	18	72 (1980)	-7 (1911)
VALENTINE'S DAY, February 14	54	23	84 (2015)	0 (1933)
INDEPENDENCE DAY, July 4	92	61	107 (1964)	46 (1915)
HALLOWEEN, October 31	65	34	86 (1950)	12 (1991)
CHRISTMAS, December 25	47	19	75 (1950)	-6 (1924)





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