

# CANADIAN COUNTY

## CLIMATE SUMMARY

### AVERAGES

TEMPERATURE (°F)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
DAILY AVG	36.9	40.3	48.7	58.3	67.8	76.7	81.8	80.2	71.7	60.4	47.9	38.6	59.1
DAILY MIN	25.2	27.6	35.5	45.7	56.6	65.7	70.1	68.2	59.5	48.0	35.9	27.7	47.1
DAILY MAX	48.5	53.0	62.0	71.0	79.1	87.7	93.5	92.3	84.0	72.8	60.0	49.6	71.1

**Annual number of days max temperature is greater than 90°F: 75**  
**Annual number of days max temperature is greater than 100°F: 15**  
**Annual number of days max temperature is less than 32°F: 7**  
**Annual number of days min temperature is less than 32°F: 76**  
**Annual number of heating degree days (HDD): 3917**  
**Annual number of cooling degree days (CDD): 1814**  
**Annual length of growing season: 206 days**  
**Date of first fall freeze: October 31**  
**Date of last spring freeze: April 6**

PRECIPITATION													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
AMOUNT (in.)	0.93	1.17	2.43	3.06	5.16	5.61	3.23	3.30	3.03	3.00	2.13	1.49	34.54
NUMBER OF DAYS WITH RAIN	4.8	3.7	6.3	5.8	8.8	8.4	5.4	6.6	6.0	6.1	5.2	4.9	72.0

**Annual snowfall: 4.5 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): 1.46**  
**Total number of tornadoes (1950-2021): 105**

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.

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## RECORDS & EXTREMES

**Record high temperature:** 114°F (August 13, 1936; August 3, 2012)

**Record low temperature:** -16°F (February 16, 2021)

**Earliest freeze date:** October 15

**Latest freeze date:** April 22

**Wettest year:** 55.57 in. (2015)

**Driest year:** 14.56 in. (1954)

**Greatest daily rainfall:** 8.56 in. (June 5, 1936)

**Greatest seasonal snowfall (Sep - Apr):** 34.6 in. (1948-1949)

**Greatest daily snowfall:** 12.0 in. (January 8, 1944)

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

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## HOLIDAY STATS

	AVG MAX TEMP (°F)	AVG MIN TEMP (°F)	RECORD HIGH (°F)	RECORD LOW (°F)
NEW YEAR'S EVE, December 31	49	26	71 (1901)	-1 (1968)
VALENTINE'S DAY, February 14	54	29	80 (1969)	6 (1995)
INDEPENDENCE DAY, July 4	92	69	108 (1911)	56 (1968)
HALLOWEEN, October 31	67	43	85 (1915)	17 (1993)
CHRISTMAS, December 25	48	24	80 (1955)	-7 (1918)



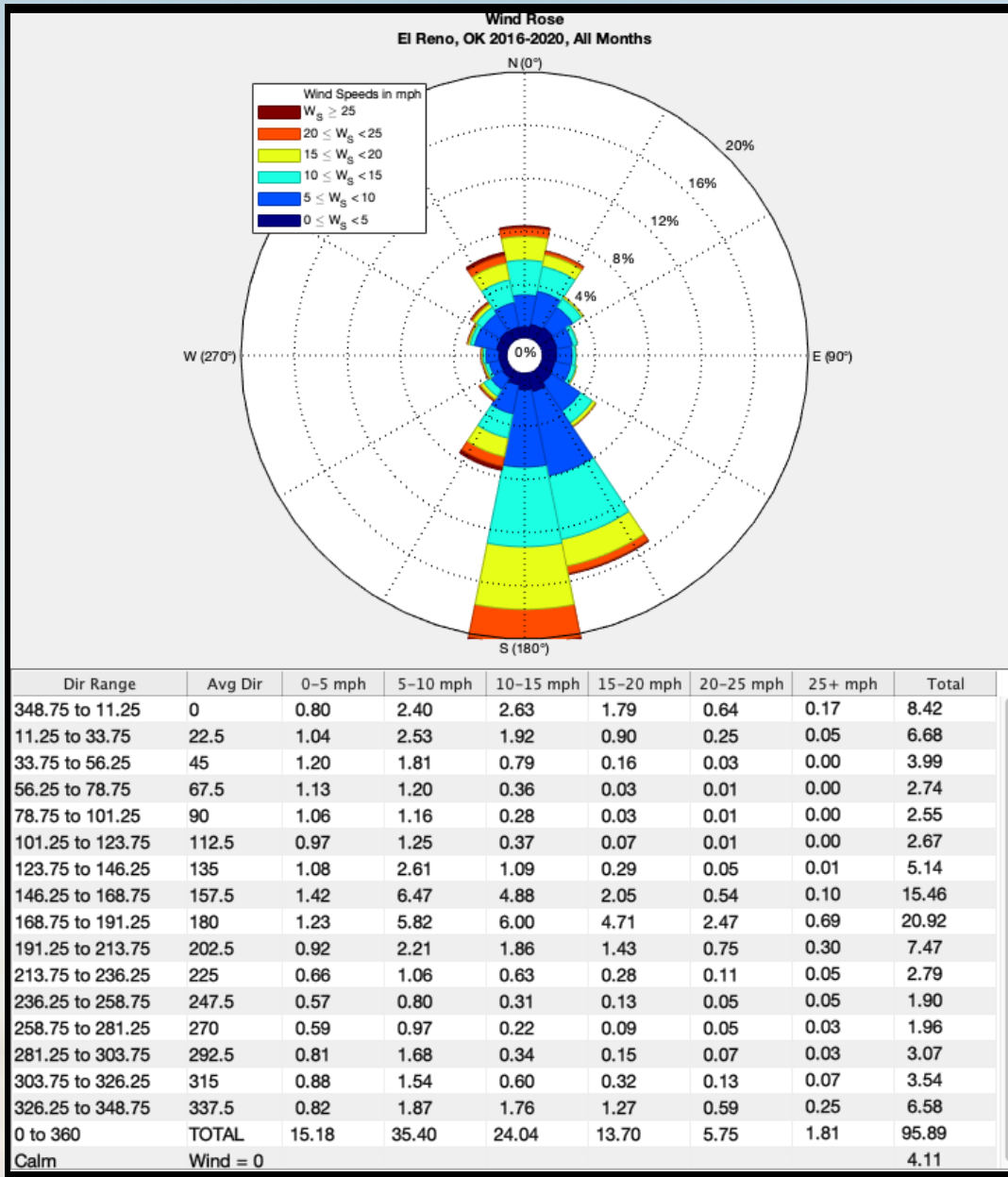
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## WIND

**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, El Reno records a south wind about 21% of the time, with winds blowing between 10 and 15 mph 6% ( $13\% - 7\% = 6\%$ ) 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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