

# ADAIR COUNTY

## CLIMATE SUMMARY

### AVERAGES

TEMPERATURE (°F)													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
DAILY AVG	37.7	42.9	50.1	59.1	66.3	74.4	78.9	78.1	70.8	60.6	50.0	40.0	59.1
DAILY MIN	26.8	32.1	39.2	46.9	55.7	63.7	67.9	66.5	59.2	49	38.4	30.2	48.0
DAILY MAX	48.7	53.6	61.0	71.4	77.0	85.1	90.0	89.8	82.5	72.1	61.7	49.9	70.2

**Annual number of days max temperature is greater than 90°F: 43**

**Annual number of days max temperature is greater than 100°F: 4**

**Annual number of days max temperature is less than 32°F: 6**

**Annual number of days min temperature is less than 32°F: 77**

**Annual number of heating degree days (HDD): 3629**

**Annual number of cooling degree days (CDD): 1506**

**Annual length of growing season: 217 days**

**Date of first fall freeze: November 4**

**Date of last spring freeze: March 31**

PRECIPITATION													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
AMOUNT (in.)	2.85	2.42	3.98	5.01	5.38	5.24	4.28	4.47	4.30	4.43	4.52	2.90	49.78
NUMBER OF DAYS WITH RAIN	6.8	6.4	8.5	8.7	9.7	9.3	6.2	6.2	6.9	7.1	7.5	7.0	90.3

**Annual snowfall (1974-2003): 11.8 in.**

**Annual percent sunshine (2006-2020): 62%**

**Annual number of thunderstorm days (1901-1995): 50**

**Annual number of hail (>1 in.) days (1986-2015): 4-5**

**Annual number of tornadoes (1950-2021): 0.43**

**Total number of tornadoes (1950-2021): 31**

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:** 111°F (August 3, 2011)  
**Record low temperature:** -12°F (December 23, 1989)  
**Earliest freeze date:** October 21  
**Latest freeze date:** April 23  
**Wettest year:** 79.32 in. (1973)  
**Driest year:** 24.29 in. (1963)  
**Greatest daily rainfall:** 8.00 in. (April 14, 1945)  
**Greatest seasonal snowfall (Sep - Apr):** 28.5 in. (1977-1978)  
**Greatest daily snowfall:** 12.1 in. (March 6, 1989)

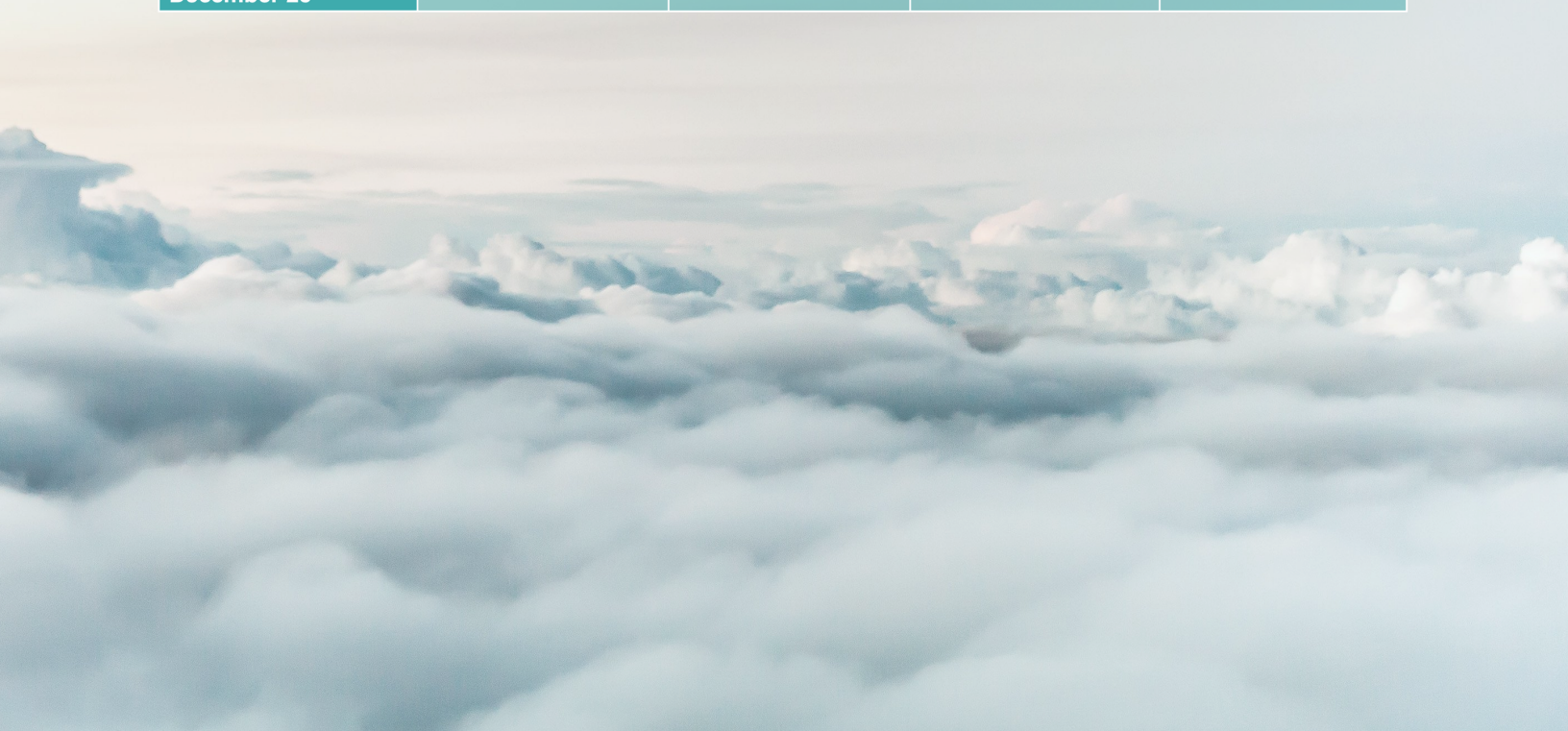
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*Note: Extreme earliest and latest freeze dates are based on the 10th probability percentile.*

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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	45	26	68 (1996)	0 (1976)
VALENTINE'S DAY, February 14	55	32	72 (1962)	13 (1960)
INDEPENDENCE DAY, July 4	89	67	98 (1963)	54 (1968)
HALLOWEEN, October 31	68	48	81 (1978)	30 (1962)
CHRISTMAS, December 25	44	25	71 (1971)	-6 (1983)



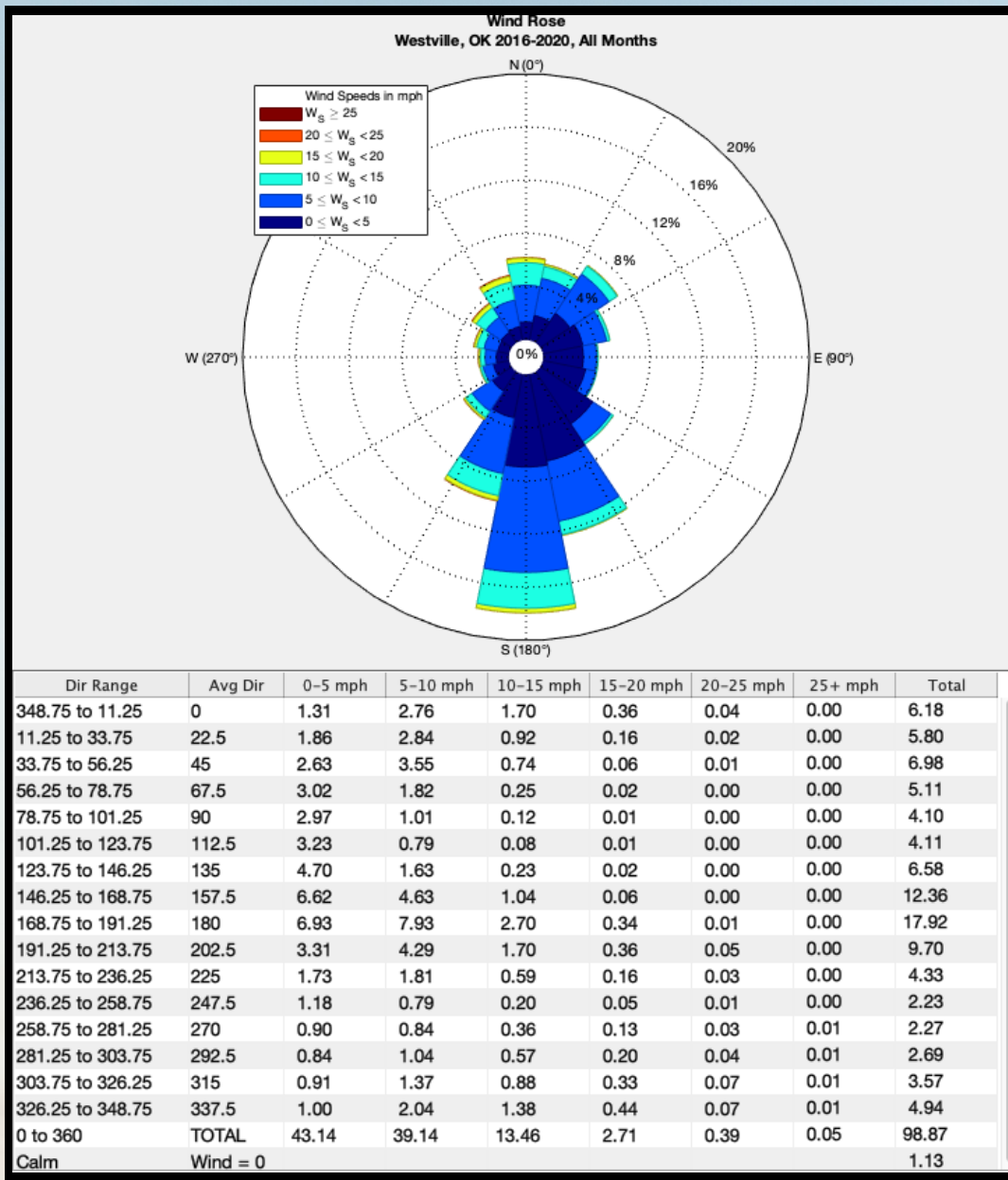
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## WIND

**Average wind speed:** 7 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, Westville records a south wind about 18% of the time, with winds blowing between 5 and 10 mph about 8% ( $15\% - 7\% = 8\%$ ) 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