### Annual Temperatures

- **Max Temperature Greater than 90°F**: 73 days
- **Max Temperature Greater than 100°F**: 12 days
- **Max Temperature Less than 32°F**: 4 days
- **Min Temperature Less than 32°F**: 66 days
- **Heating Degree Days (HDD)**: 3,079
- **Cooling Degree Days (CDD)**: 2,133
- **Growing Season**: 216 days
- **First Fall Freeze**: November 3
- **Last Spring Freeze**: March 31

### Precipitation

- **Annual Snowfall (1981-2010)**: 3.6 in.
- **Percent Sunshine (2006-2020)**: 63%
- **Thunderstorm Days (1901-1995)**: 58
- **Hail (>1 in.) Days (1986-2015)**: 4-5
- **Tornadoes (1950-2021)**: 1.10
- **Total Tornadoes (1950-2021)**: 79

### 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: 116°F (August 10, 1936)
Record low temperature: -18°F (January 22, 1930)
Earliest freeze date: October 20
Latest freeze date: April 18
Wettest year: 78.65 in. (2015)
Driest year: 19.92 in. (1963)
Greatest daily rainfall: 11.77 in. (May 11, 1943)
Greatest seasonal snowfall (Sep - Apr): 25.0 in. (1977-1978)
Greatest daily snowfall: 10.1 in. (February 23, 1975)

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

HOLIDAY STATS

<table>
<thead>
<tr>
<th>Holiday</th>
<th>AVG MAX TEMP (°F)</th>
<th>AVG MIN TEMP (°F)</th>
<th>RECORD HIGH (°F)</th>
<th>RECORD LOW (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YEAR’S EVE, December 31</td>
<td>50</td>
<td>30</td>
<td>73 (1920)</td>
<td>5 (1969)</td>
</tr>
<tr>
<td>INDEPENDENCE DAY, July 4</td>
<td>91</td>
<td>69</td>
<td>104 (1911)</td>
<td>55 (1908)</td>
</tr>
<tr>
<td>HALLOWEEN, October 31</td>
<td>69</td>
<td>47</td>
<td>88 (1915)</td>
<td>18 (1917)</td>
</tr>
</tbody>
</table>
**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, McAlester records a south wind about 17% of the time, with winds blowing between 10 and 15 mph about 2% (17% - 15% = 2%) 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.