

January 1, 2021	Winter Weather Record Precip and Snowfall	Freezing rain and sleet was falling at Midnight before transitioning to snow around 1 am. 5.8" of snowfall was a record for the date. The meltdown was 0.50" which was also a record for the date. Precipitation ended by mid-morning.
January 2, 2021	Snow	The trace of snowfall tied the record for the date.
January 14-15, 2021	Wind	For nearly 48 hours, there were frequent gusts over 40 mph. The peak was 48 mph on the 14 <sup>th</sup> .
January 24-25, 2021	Thunderstorms	A total of 0.61" of rain on the 24 <sup>th</sup> set a record for the date. Thunder on both days brought the January total up to three which tied the monthly record.
January 26, 2021	Mild	For the first time this month, the wind chill temperature dropped to below 16 degrees (12 degrees).
January 30, 2021	Thunderstorms	Storms moved through the area during the morning hours for the 4 <sup>th</sup> day in January, setting a record for the month.
		<b>Historic winter weather and frigid cold moved into the area on February 7<sup>th</sup> and continued until the 20<sup>th</sup>. This section will detail the events of each day:</b>
February 7, 2021		0.01" of morning freezing drizzle.
February 8, 2021		Morning and afternoon freezing drizzle. Snow grains started falling by afternoon. The temperature dropped to 17 degrees.
February 9, 2021		Very light snow fell most of the day. The temperature dropped to 15 degrees.
February 10, 2021		Light precipitation fell all day. 0.1" of snow set a record for the date. 20 degrees was a record low high temperature.
February 11, 2021		Light snow fell again most of the day. 0.3" of snow set a record for the date. 20 degrees was a record low high temperature.
February 12, 2021		0.6" snow fell. This tied the record for consecutive days of measurable snowfall at three. 18 degrees was a record low high temperature.
February 13, 2021		Record low high and low (17 and 7) temperatures were set. A trace of snow fell.
February 14, 2021		3.5" of snow fell setting a record for the date. Record low high and low (12 and 0) temperatures were set. A record coldest -25 wind chill was observed. Seasonal snowfall of 21.6" broke the old record of 19.0" set during the 2002/2003 season.
February 15, 2021		Light morning snow fell. The high temperature only reached 3 degrees which not only set a record for the date and record for the month of February, but also tied the all time record

		which had been set on December 22, 1989. The low temperature of -7 degrees broke the old record by 18 degrees. The average temperature was 44 degrees below average. A record cold -32 degree wind chill was observed.
February 16, 2021		The low temperature dropped to -12 degrees which broke the daily and monthly record. Also, this was the second coldest all time temperature of record. An additional 3.0" of snow fell setting a record for the date and bringing the seasonal snowfall total up to 24.6". 11 degrees set a record low high temperature. The average temperature on the day was 40 degrees below average.
February 17, 2021		8 degrees set a record low temperature for the date. An additional 0.5" of snow fell bringing the seasonal total to 25.1".
February 18, 2021		Low temperature of 2 degrees tied the record for the date.
February 19, 2021		For the first time in 6 days, the average temperature was warmer than 30 degrees below average.
February 9-19, 2021		11 consecutive days below freezing ties for the second most.
February 20, 2021		12 degrees was a record low for the date. The afternoon high of 41 degrees marked the end of the long stretch of winter weather.
March 2-16, 2021	Warm	Temperatures were above average each day. On the 10 <sup>th</sup> , the temperature was 20 degrees above average with a high of 81 degrees and low of 59 degrees.
March 4, 2021	Thunderstorms	Thunderstorms produced 0.67" of rain and several periods of late evening small hail.
March 8-10, 2021	Wind	South and southwest winds gusted to 41 mph on the 8 <sup>th</sup> – 58 mph on the 9 <sup>th</sup> – and 47 mph on the 10 <sup>th</sup> .
March 17, 2021	Snow	A trace of snow fell setting a record for the date.
April 9, 2021	Thunderstorms	Thunderstorms produced small hail during the afternoon. It was windy with gusts reaching 52 mph.
April 13, 2021	Thunderstorms	Thunderstorms produced small hail during the evening.
April 15, 2021	Cool	53 degrees set a record for the lowest high temperature on the date.
April 20, 2021	Cool	52 degrees set a record for the lowest high temperature on the date.
April 22-24, 2021	Thunderstorms	Thunderstorms produced a total of 1.52" of rain. The 0.88" that fell on the 23 <sup>rd</sup> is the most in a day so far this year.
May 11, 2021	Tstms/Cool	Thunderstorm produced a total of 0.52" of rain. The high temperature of 55 degrees set a record for the lowest high temperature on the date.

May 27, 2021	Thunderstorms	Storms produced 0.80" of rain and small hail. This was the first time in May that severe weather watches and warnings were in effect. A Tornado Watch was the first for central Oklahoma in two years to the date.
May 31, 2021	Tstms/Cool	A record 1.79" of rain fell. This was the first time since October 27, 2020 that more than an inch of rain fell on a calendar day. The high of 63 degrees set a record for the lowest high temperature on the date.
May	Cool	The average temperature of 64.1 degrees tied for the second coldest May of record. The average high temperature of 72.8 degrees was the coldest on record.
June 11, 2021	Heat	With a high of 94 degrees and dew point of 80 degrees, the heat index reached 112 degrees.
June 11 and 13, 2021	Humid	The dew point reached 80 degrees each day which tied the June record.
June 26-29, 2021	Wet	Thunderstorms produced 1.65" rainfall on the 26 <sup>th</sup> , 1.27" on the 27 <sup>th</sup> , 0.91" on the 28 <sup>th</sup> , 1.33" on the 29 <sup>th</sup> .
July 1, 2021	Wet	Storms on the 1 <sup>st</sup> of the month produced a record setting 2.20" of rainfall. This was not only the rainfall at the house, but at the NWS site 0.63 mile southwest of the house.
July 24, 2021	Temperature	The average temperature for the day was 85 degrees which was two degrees above average. This broke a streak of 28 consecutive days with temperatures at or below average.
July 31, 2021	Temperature	The high temperature reached 100 degrees for the first time of the year.
August 9, 2021	Hot/Humid	With a high of 95 degrees and a dew point of 78 degrees, the heat index reached 110 degrees.
September 1, 2021	Hot	The high temperature reached 100 degrees for the second time of the year.
September 20, 2021	Hot	The high temperature reached 100 degrees for the third and final time of the year. This was 16 days below average.
September	Drought	Precipitation fell on only two days of the month. 0.02" on the 20 <sup>th</sup> and 0.40" on the 30 <sup>th</sup> . It was the third driest September of record.
October 5, 2021	Meteor	A brilliant fireball meteor occurred to the northeast of town at 02:11:58 CDT.
October 10-15, 2021	Thunder	Six consecutive days of thunder tied for the 3 <sup>rd</sup> longest stretch of record.
October 10-13, 2021	Severe Storms	A Tornado Watch was in effect for parts of the 10 <sup>th</sup> , 12 <sup>th</sup> , and 13 <sup>th</sup> .
October 10-15, 2021	Rainfall	Six consecutive days of measurable precipitation tied for the 10 <sup>th</sup> longest stretch of record. 2.11" of rain fell across the

		period.
October, 2021	Windy	17 days of the month saw wind gusts at least 30 mph with 53 mph winds on the 28 <sup>th</sup> .
October 2021	Thunder	10 days with thunder set the record for the month of October.
November 10, 2021	Thunderstorms	Afternoon and evening thunderstorms produced small hail.
November 18, 2021	Freeze	The first freeze of the season occurred. This was about 2 ½ weeks later than the average and 9 days before the record latest first freeze.
November-December 2021	Dry and Warm	November and December ended up quite dry. The period from November 11 until December 27 was 47 consecutive days without measurable precipitation. This was the 4 <sup>th</sup> longest streak of record. December was astoundingly warm. There were 11 days where the temperature dropped to freezing or below which tied the record for the fewest number of December days. The average high temperature of 63.9 degrees set a record for the month. The average low of 36.9 degrees also set a record, and the average temperature of 50.4 degrees was 10.8 degrees above average. This broke the record for the month by 3.4 degrees. The high of 80 and low of 53 degrees on Christmas Eve was 30 degrees above average.
December 2021	Windy	17 days saw the peak gust reach 30 mph which tied the December record. The peak gust of 68 mph which occurred on the 15 <sup>th</sup> was a December record.