

# NOVEMBER 2022

Oklahoma’s extended spate of warmer than normal weather—which began in early June and continued largely uninterrupted for the next five months—came to an abrupt halt on Nov. 10 following a clash with the season’s first true arctic cold front. Highs in the 70s and 80s those first 10 days of November were soon replaced with highs in the 40s and 50s, and low temperatures below freezing more often than not. Any hint of a return to the weather’s previous mild ways was quashed by recurring cold fronts throughout the rest of the month. The continual intrusions of frigid air also brought the state its first widespread snows

down across the Red River in Texas before moving into McCurtain County. Although most of the damage path in Oklahoma was at EF2 intensity, the tornado caused significant EF3 damage through Idabel along its path of 61 miles before dissipating near Eagletown. The tornado also sideswiped the Idabel Mesonet site, producing a wind gust of 108 mph. Idabel became the fifth Mesonet site to be hit by a tornado since the network’s inception in 1994, and the 108 mph gust was the fifth highest recorded by the network—tops is the 151 mph gust recorded by El Reno on May 24, 2011, in its brush with an EF5 twister. The Oklahoma

## November 2022 Statewide Extremes

Description	Extreme	Station	Day
High Temperature	84°F	Burneyville	4
Low Temperature	6°F	Kenton	19
High Precipitation	7.49 in.	Cloudy	--
Low Precipitation	0.08 in.	Boise City	--

of the season. A quick burst blanketed the central Panhandle with a couple of inches on Nov. 4, but the big show occurred on Nov. 14 across west central Oklahoma where widespread totals of 3-5 inches were reported. Localized heavier amounts were also reported with Elk City topping the totals at 7.3 inches. Lesser amounts were reported to the east, but much of the state received at least a dusting during the month. The same storm system that brought the snow on Nov. 4 produced significant severe weather in far southeast Oklahoma, including six tornadoes in McCurtain and Le Flore counties. An EF2 twister touched down near Pickens in McCurtain County and rolled a mobile home, killing one person. The most significant tornado in terms of strength was an EF4 monster that touched

## November 2022 Statewide Statistics

### Temperature

Period	Average	Departure	Rank (1895-2022)
Month (November)	46.9°F	-2.5°F	43rd Coolest
Season-to-Date (Sept-Nov)	61.5°F	0.3°F	51st Warmest
Year-to-Date (Jan-Nov)	62.9°F	0.7°F	26th Warmest

### Precipitation

Period	Total	Departure	Rank (1895-2022)
Month (November)	2.69 in.	0.37 in.	42nd Wettest
Season-to-Date (Sept-Nov)	6.27 in.	-2.73 in.	36th Driest
Year-to-Date (Jan-Nov)	27.59 in.	-6.66 in.	29th Driest

Departure from 30-year normal

State Department of Health reported at least 30 storm-related injuries from the Nov. 4 severe weather event in Bryan, Choctaw, Le Flore, and McCurtain counties.

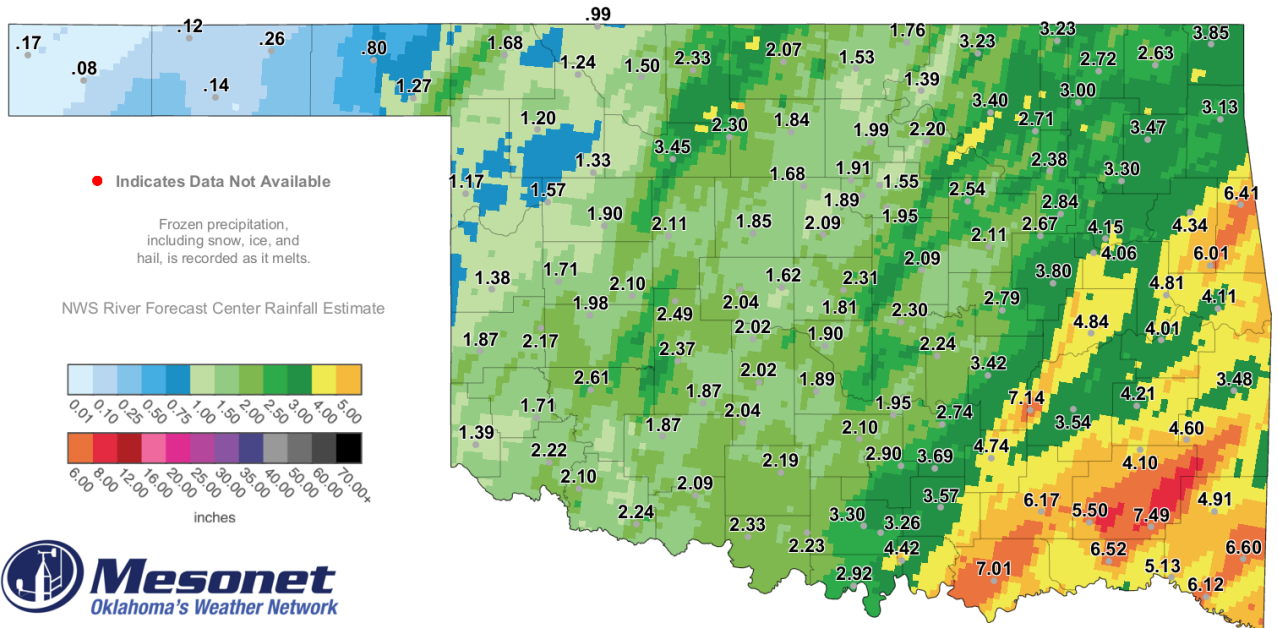
The statewide average precipitation total for the month was 2.69 inches, 0.37 inches above normal and the 42nd wettest November since records began in 1895. Much of southern and western Oklahoma had a surplus for the month, but the western Panhandle and parts of central through northern Oklahoma continued with significant deficits. Totals ranged from 7.49 inches at Cloudy to Boise City's 0.08 inches. The climatological fall statewide average finished at 6.27 inches, 2.73 inches below normal and ranked as the 36th driest September-November on record. Only two of the Mesonet's sites recorded a surplus for the fall period—Durant and Medicine Park at 0.9 and 0.8 inches above normal, respectively. Much of the northeastern quarter of the state fell 4-7 inches below normal. The first 11 months of the year had an average total of 27.59 inches across the state, 6.66 inches below normal and ranked as the 29th driest January-November on record.

The statewide average temperature was 46.9 degrees, 2.5 degrees below normal and ranked as the 43rd coolest November since records began in 1895. Temperatures rose into the 70s and 80s regularly through November's first 10 days, but were not seen again in the state until the 29th—and abruptly snuffed out once again by another arctic cold front. Burneyville registered the month's highest reading of 84 degrees on Nov. 6, while Kenton came in with the lowest of 6 degrees on both the 19th and 30th. Climatological fall ended as the 51st warmest on record across the state at 61.5 degrees, 0.3 degrees above normal. The year was still on track to finish quite warm with a January-November average of 62.9 degrees, 0.7 degrees above normal and ranked as the 26th warmest such period on record.

November began with 100% of the state in at least some level of drought, but that coverage had dropped to 91% by the end of the month. The amount of the two most intense levels of drought, however—extreme and exceptional—hardly changed at all, falling from 67% to 64%. Prospects for relief in December are rather

dim according to the Climate Prediction Center (CPC). Their December precipitation outlook shows increased odds for below normal precipitation across the western two-thirds of the state, especially for the western Panhandle. Their December drought outlook calls for drought to persist across all but far southeastern Oklahoma, where further improvement is expected. CPC's December temperature outlook sees equal odds for above-, below-, and near-normal temperatures during the month.

# NOVEMBER 2022 OBSERVED PRECIPITATION



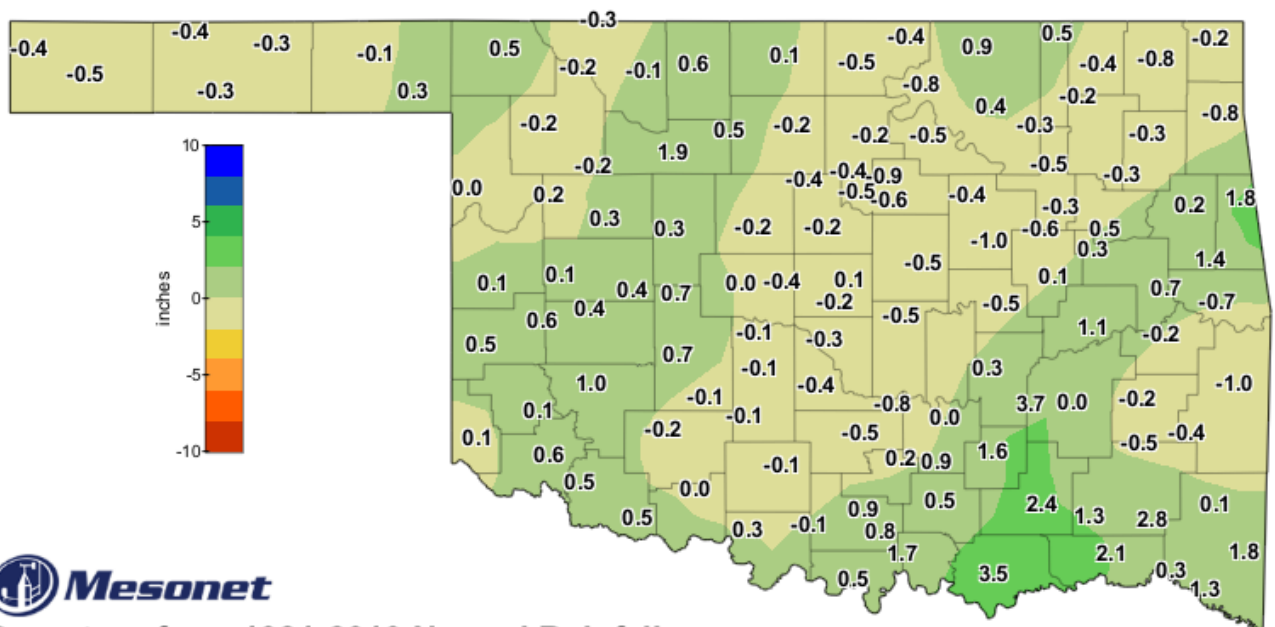
30-Day Rainfall Accumulation (inches)

Nov 1, 2022 1:00 AM CDT - Nov 30, 2022 11:00 PM CST

Created 7:22:54 AM December 1, 2022 CST. © Copyright 2022

The accumulated rainfall for November varied from a low of 0.08 inches in the panhandle to a high of 7.49 inches in southeastern Oklahoma. The highest rainfall area was from Adair County to Bryan County then southeast to McCurtain County. Boise City received 0.08 inches and Cloudy received 7.49 inches.

# NOVEMBER 2022 DEPARTURE FROM NORMAL PRECIPITATION



Departure from 1981-2010 Normal Rainfall  
Calendar Month to Date

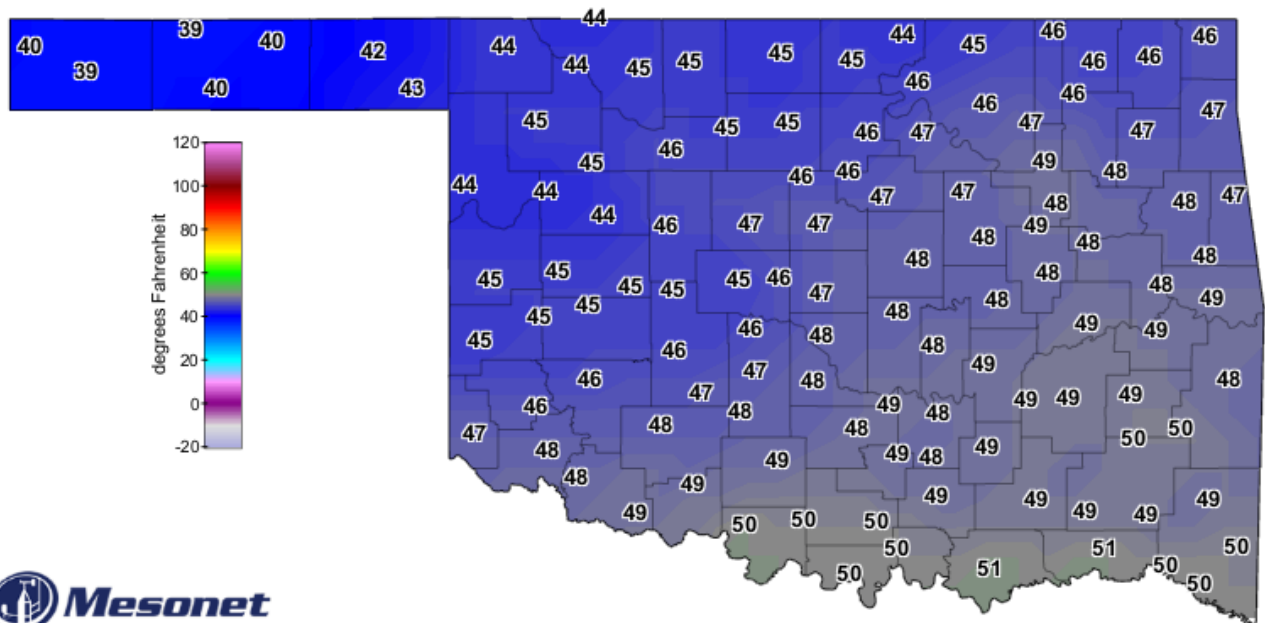
Nov 1, 2022 through Nov 30, 2022

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Comparing the rainfall accumulation to the 1981-2010 normal rainfall saw about half the sites below normal by as much as -1 inch. The areas receiving more than 4 inches of rainfall had departure values on the plus side ranging from 0 to +3.5 inches.



# NOVEMBER 2022 AVERAGE TEMPERATURE IN DEGREES FAHRENHEIT



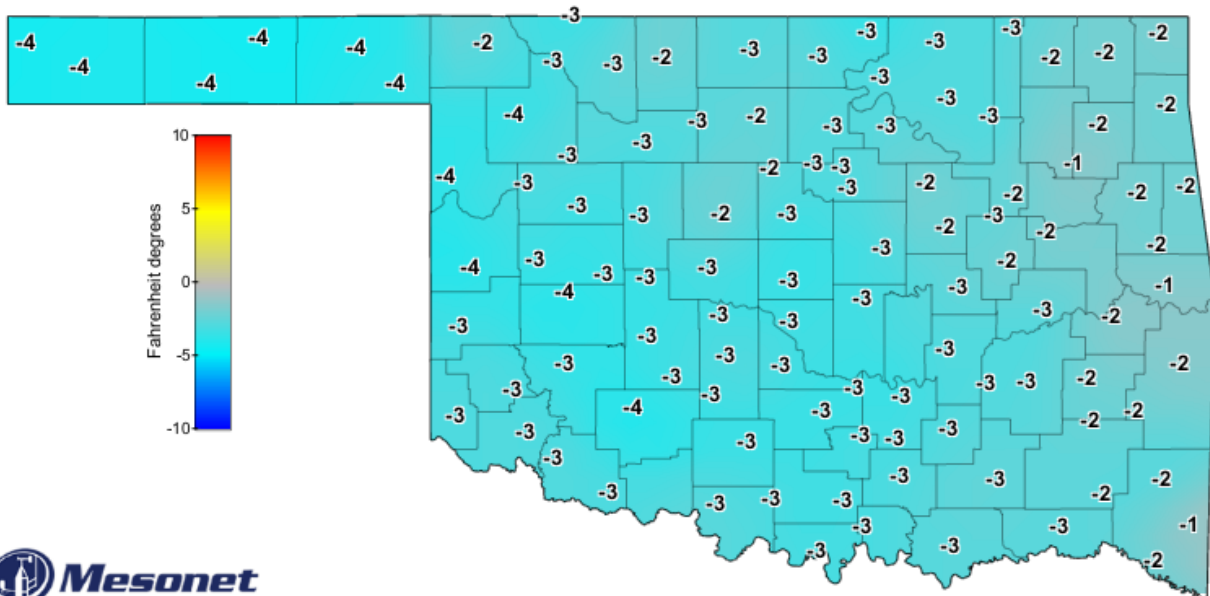
**Average Air Temperature**

**November 2022**

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Temperatures ranged from the upper 30s in the panhandle to the mid to upper 40s for the majority of the state. Southern counties topped out in the low 50s.

# NOVEMBER 2022 DEPARTURE FROM NORMAL TEMPERATURE



**Average Air Temperature**

**Departure from Average, November 2022**

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The temperature departures from normal ranged from -1°F to 4°F. The coldest areas were in the panhandle and far western Oklahoma.

# MESONET MONTHLY SUMMARY FOR NOVEMBER 2022

## PANHANDLE

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Arnett	44.4	77	1	14	20	622	4	1.17	.52	26
Beaver	42.1	83	3	10	19	694	7	.80	.43	26
Boise City	39.6	75	2	7	30	762	1	.08	.03	4
Buffalo	45.2	80	1	17	20	607	14	1.68	1.49	4
Eva	39.7	79	2	7	30	760	0	.12	.07	15
Goodwell	40.9	78	2	10	30	723	1	.14	.07	5
Hooker	40.5	80	2	8	30	737	3	.26	.11	26
Kenton	39.7	75	2	6	19	760	0	.17	.12	27
Slapout	43.6	77	3	17	18	645	3	1.27	.76	4

## NORTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Alva	45.0	80	1	16	20	612	13	1.50	.78	4
Blackwell	45.5	80	9	16	19	596	11	1.53	.58	26
Breckinridge	46.1	79	9	18	19	583	15	1.84	.77	26
Cherokee	45.7	80	1	19	19	594	14	2.33	1.28	4
Fairview	46.3	79	1	18	20	575	15	3.45	2.30	4
Freedom	44.4	79	1	14	19	632	12	1.24	.53	26
Lahoma	45.6	78	1	20	20	594	11	2.30	1.21	4
May Ranch	44.8	78	1	17	18	617	10	.99	.58	4
Medford	45.2	79	1	16	19	603	11	2.07	1.29	4
Newkirk	44.8	78	1	16	19	613	7	1.76	.59	26
Red Rock	46.2	81	9	15	20	576	13	1.99	.74	26
Seiling	45.0	77	8	17	30	612	10	1.33	.47	4
Woodward	45.4	78	1	18	30	598	11	1.20	.50	26

## NORTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bixby	48.1	81	1	18	20	519	11	2.84	.68	26
Burbank	45.5	80	1	13	20	595	9	1.39	.64	26
Copan	45.6	78	1	16	20	587	6	3.23	1.75	4
Foraker	45.1	79	1	16	19	605	7	3.23	1.50	10
Inola	47.6	80	9	17	20	533	10	3.30	.84	4
Jay	46.9	79	9	16	19	556	12	3.13	1.14	24
Miami	46.3	80	4	15	20	569	9	3.85	.92	26
Nowata	45.2	79	3	12	20	602	7	2.72	.98	10
Pawnee	46.9	80	1	16	20	551	10	2.20	1.20	10
Porter	48.6	80	9	19	20	506	14	4.15	1.47	4
Pryor	46.4	79	3	15	20	565	9	3.47	.89	24
Skiatook	47.3	78	1	20	19	538	9	2.71	1.06	10
Talala	46.5	79	3	17	19	563	8	3.00	1.34	10
Tulsa	48.5	79	1	21	20	505	10	2.38	.85	10
Vinita	45.3	79	3	12	20	596	5	2.63	.65	10
Wynona	46.2	80	1	15	20	572	7	3.40	1.26	4

## WEST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bessie	45.9	78	9	18	15	585	12	1.98	.90	26
Butler	45.4	80	9	15	20	601	12	1.71	.81	26
Camargo	44.0	78	8	14	20	639	10	1.57	.56	26
Cheyenne	45.7	76	8	19	30	587	6	1.38	.69	26
Elk City	46.0	78	8	19	30	579	10	2.17	1.00	26
Erick	45.4	78	8	17	20	599	9	1.87	.66	26
Putnam	45.1	77	8	17	30	605	8	1.90	.77	26
Watonga	46.2	76	8	23	30	573	10	2.11	.97	26
Weatherford	45.8	76	8	18	15	586	10	2.10	.96	26

## CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Acme	47.6	79	9	17	20	542	19	2.04	1.03	26
Bristow	47.4	79	1	14	20	539	10	2.11	.85	26
Lake Carl Blac	45.9	81	9	12	20	588	15	1.91	.83	26
Chandler	48.0	80	9	18	20	523	14	2.09	.94	26
Chickasha	47.5	80	9	18	20	543	19	2.02	1.18	26
El Reno	45.7	80	9	15	20	594	16	2.04	.96	26
Guthrie	47.4	80	9	20	20	545	17	2.09	.79	1
Kingfisher	46.8	80	9	18	20	564	17	1.85	.92	26
Marena	46.7	80	9	20	30	563	12	1.89	.91	26
Minco	46.6	78	9	22	30	567	14	2.02	1.00	26
Marshall	46.8	80	9	18	20	564	17	1.68	.83	26
Norman	47.6	79	9	20	20	535	14	1.90	1.04	26
Oilton	47.0	79	1	15	20	549	10	2.54	1.03	10
OKC East	47.4	79	9	19	20	545	16	1.81	.88	26
Okemah	47.7	77	1	17	20	528	8	2.79	1.06	26
Perkins	47.6	80	9	18	20	535	12	1.95	.83	26
Seminole	48.4	80	9	21	20	509	12	2.24	1.14	26
Shawnee	47.7	79	9	20	20	530	11	2.30	1.24	26
Spencer	47.9	79	9	22	20	531	17	2.31	1.03	26
Stillwater	46.7	82	9	15	20	562	14	1.55	.79	26
Washington	47.9	80	9	19	20	***	***	1.89	1.03	26
Yukon	46.6	80	9	20	20	569	16	1.62	.85	26

## EAST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Cookson	48.1	79	9	18	20	524	16	6.01	3.18	4
Eufaula	49.3	77	1	21	20	483	12	4.84	1.76	4
Haskell	48.2	80	9	17	20	516	11	4.06	1.13	4
Hectorville	48.9	80	1	21	13	494	11	2.67	.62	4
Holdenville	48.7	77	1	23	20	500	11	3.42	1.03	26
McAlester	48.9	78	7	19	20	497	13	3.54	.89	24
Okmulgee	48.1	80	1	15	20	517	10	3.80	1.07	24
Sallisaw	49.4	82	9	19	20	487	21	4.11	1.26	24
Stigler	49.0	80	9	20	20	493	12	4.01	1.79	4
Stuart	49.1	77	7	24	17	487	11	7.14	3.77	4
Tahlequah	47.6	79	9	16	20	533	11	4.34	1.27	4
Webbers Falls	48.3	82	9	18	20	513	13	4.81	1.96	4
Westville	47.6	79	9	18	20	532	10	6.41	3.09	4

## SOUTHWEST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Altus	48.6	80	9	23	20	507	16	2.22	.88	26
Apache	47.0	78	9	21	30	553	14	1.87	1.12	26
Fort Cobb	46.5	79	8	19	20	570	15	2.37	1.09	26
Grandfield	49.6	80	3	25	20	481	18	2.24	1.04	26
Hinton	45.8	78	8	19	15	587	12	2.49	1.04	26
Hobart	46.7	78	9	21	15	563	13	2.61	1.16	26
Hollis	48.0	80	8	21	20	523	14	1.39	.76	26
Mangum	46.8	81	9	15	20	561	16	1.71	.94	26
Medicine Park	48.1	78	8	25	30	522	13	1.87	1.11	26
Tipton	48.9	81	3	23	20	500	18	2.10	1.17	26
Walters	49.1	80	8	25	20	492	17	2.09	1.19	26

## SOUTH CENTRAL

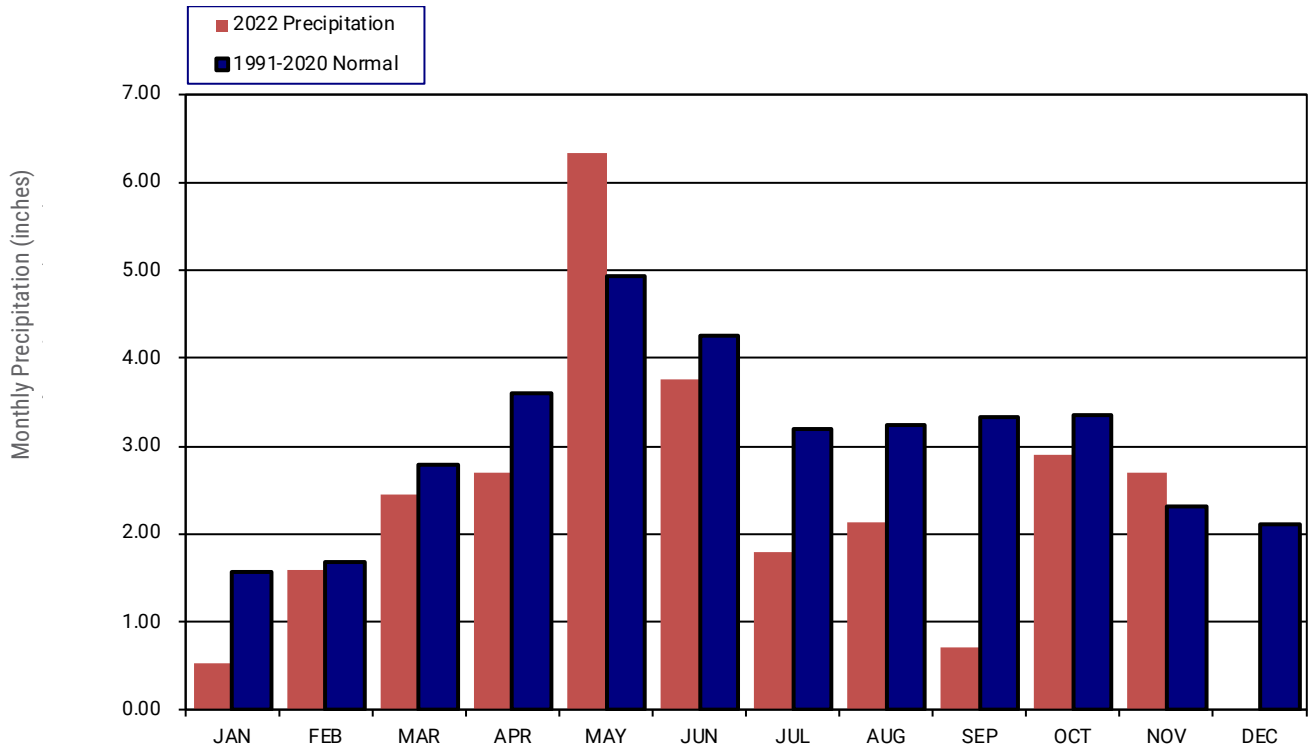
NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Ada	48.3	79	9	19	20	512	10	2.74	1.23	26
Ardmore	50.4	80	9	23	20	458	19	3.26	1.33	26
Burneyville	50.3	84	4	17	20	463	22	2.92	1.29	26
Byars	48.9	79	9	23	20	499	15	1.95	1.21	26
Centrahoma	49.3	80	9	19	20	484	13	4.74	1.80	4
Durant	51.3	80	9	26	20	429	19	7.01	2.90	4
Fittstown	48.3	78	9	20	20	511	10	3.69	1.36	26
Ketchum Ranch	48.8	78	9	21	20	503	17	2.19	1.02	26
Lane	49.9	79	9	22	17	466	14	6.17	2.55	4
Madill	50.5	80	9	23	20	453	18	4.42	1.41	26
Newport	50.1	79	9	24	20	464	18	3.30	1.15	26
Pauls Valley	48.7	79	9	20	20	503	15	2.10	.96	26
Ringling	50.1	80	9	24	20	465	19	2.23	1.02	26
Sulphur	48.3	79	9	18	20	514	14	2.90	1.29	26
Tishomingo	49.3	80	9	23	17	485	13	3.57	1.27	26
Waurika	50.4	82	9	21	20	459	21	2.33	1.18	26

## SOUTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Antlers	49.8	79	1	19	20	471	14	5.50	1.62	4
Broken Bow	50.7	79	6	23	13	439	10	6.60	2.72	4
Clayton	50.2	81	7	20	20	465	20	4.10	1.11	4
Cloudy	49.6	77	6	22	13	472	12	7.49	2.76	4
Hugo	50.9	79	6	25	20	439	14	6.52	2.94	4
Idabel	50.9	80	6	22	20	437	14	6.12	2.06	24
Mt Herman	49.5	75	9	21	17	480	15	4.91	1.46	4
Talihina	50.2	80	9	19	20	470	27	4.60	1.62	4
Valliant	50.7	80	6	22	20	446	16	5.13	1.90	24
Wilburton	49.8	79	9	20	20	479	23	4.21	1.14	4
Wister	48.5	82	9	15	20	509	13	3.48	1.51	4



## 2022 STATEWIDE PRECIPITATION MONTHLY TOTALS VS. NORMAL IN INCHES



**TABLE OF 2022 STATEWIDE PRECIPITATION MONTHLY TOTALS AND NORMALS IN INCHES**

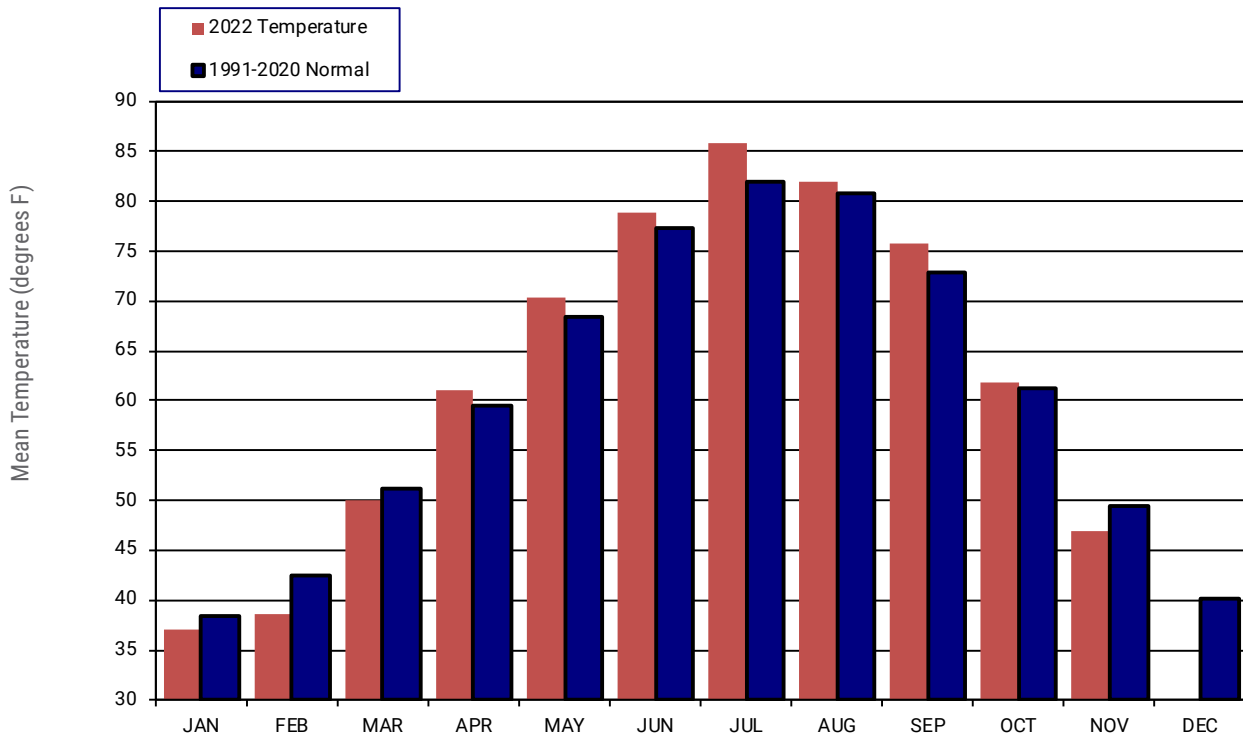
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002	2.22	1.08	2.54	4.27	3.64	3.80	3.47	2.93	2.32	5.15	0.66	2.99
2003	0.07	1.79	2.04	1.89	3.60	5.27	0.76	4.47	2.75	1.53	1.85	1.12
2004	2.12	1.85	3.66	3.75	1.10	6.61	4.10	2.74	1.23	5.24	5.16	0.74
2005	3.46	1.65	1.15	1.26	2.74	4.10	2.85	5.02	2.29	1.95	0.18	0.24
2006	0.91	0.31	2.88	3.27	3.03	2.36	1.76	3.17	2.29	2.75	2.28	3.67
2007	2.05	0.91	4.03	2.72	6.65	9.10	4.04	3.07	2.93	2.95	0.47	2.13
2008	0.52	2.25	4.81	4.10	4.54	5.63	2.46	4.38	3.58	2.96	1.00	0.89
2009	0.70	1.17	2.36	4.91	4.99	2.55	3.98	3.85	4.41	6.89	0.63	1.51
2010	1.41	2.61	1.97	2.80	4.35	3.90	4.52	1.96	3.99	1.74	1.91	0.91
2011	0.24	1.36	0.70	3.44	4.37	1.18	0.70	2.25	1.66	2.89	4.22	2.39
2012	1.74	1.78	4.52	3.81	1.82	2.54	1.11	2.29	2.92	1.28	0.57	1.06
2013	1.60	3.04	1.54	4.03	4.92	3.69	5.11	3.04	2.60	3.13	1.64	1.53
2014	0.29	0.51	1.78	1.64	3.06	5.82	4.68	1.39	2.55	3.40	2.10	1.39
2015	1.53	0.70	2.63	4.82	14.40	5.04	5.89	2.30	2.10	3.43	5.91	4.80
2016	0.71	1.13	2.39	6.11	4.13	3.27	3.85	3.08	3.14	1.85	1.25	0.82
2017	2.52	2.04	2.54	6.82	4.66	2.98	3.41	6.42	2.60	3.43	0.25	1.03
2018	0.48	4.33	1.86	2.14	3.99	4.07	2.94	3.99	5.21	6.78	0.94	3.54
2019	2.17	1.58	2.58	4.75	10.48	5.00	1.63	5.44	3.43	4.80	2.55	1.11
2020	3.48	1.81	4.93	2.69	5.04	1.97	4.84	2.94	3.81	3.34	1.12	2.84
2021	1.75	0.78	3.07	3.61	5.82	4.97	3.33	2.44	1.41	3.76	0.82	0.95
2022	0.52	1.60	2.45	2.70	6.33	3.76	1.79	2.13	0.71	2.91	2.69	--
1991-2020	1.57	1.69	2.78	3.59	4.93	4.26	3.20	3.23	3.32	3.36	2.32	2.11



## November 2022 Mesonet Precipitation Comparison

Climate Division	Precipitation (inches)	Departure from Normal (inches)	Rank since 1895	Wettest on Record (Year)	Driest on Record (Year)	Nov-21 (inches)
Panhandle	0.63	-0.09	54th Wettest	4.08 (1909)	0.00 (1921)	0.14
North Central	1.81	0.26	47th Wettest	6.61 (1964)	0.00 (1910)	0.63
Northeast	2.98	0.16	40th Wettest	7.04 (1992)	0.05 (1910)	1.35
West Central	1.87	0.44	36th Wettest	6.96 (1909)	0.00 (1949)	0.37
Central	2.03	-0.19	55th Wettest	6.56 (1992)	0.01 (1955)	1.00
East Central	4.55	0.99	26th Wettest	9.86 (1946)	0.32 (1910)	1.71
Southwest	2.09	0.38	39th Wettest	6.63 (2004)	0.00 (1949)	0.16
South Central	3.47	0.73	36th Wettest	8.87 (1902)	0.07 (1949)	0.88
Southeast	5.33	1.02	27th Wettest	12.58 (2015)	0.37 (2017)	1.81
<b>Statewide</b>	<b>2.69</b>	<b>0.37</b>	<b>42nd Wettest</b>	<b>6.04 (2015)</b>	<b>0.13 (1949)</b>	<b>0.90</b>

## 2022 STATEWIDE TEMPERATURE MONTHLY TOTALS VS. NORMAL IN DEGREES FAHRENHEIT



**TABLE OF 2022 STATEWIDE TEMPERATURE MONTHLY TOTALS AND NORMALS IN DEGREES FAHRENHEIT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2003	36.8	37.8	49.2	60.7	68.5	73.4	83.3	82.6	69.1	62.9	50.4	42.2
2004	39.1	39.3	55.4	59.6	70.8	74.7	77.9	75.8	73.6	63.3	49.8	41.8
2005	39.2	45.2	49.7	59.1	67.7	77.4	79.9	80.3	76.2	61.9	52.4	38.1
2006	46.6	40.7	53.0	65.6	70.4	77.8	83.9	83.8	69.4	60.7	50.5	41.9
2007	34.9	39.8	57.9	55.2	68.9	75.0	78.7	82.4	74.2	63.8	50.5	37.8
2008	38.0	41.1	50.4	57.6	68.5	77.8	81.4	78.9	69.9	60.1	49.5	38.5
2009	37.1	46.5	52.0	58.4	65.7	78.6	80.1	78.3	69.9	54.5	53.1	34.1
2010	34.7	35.3	48.7	61.3	68.3	81.0	81.9	83.9	75.0	62.3	50.3	39.2
2011	34.8	39.4	52.3	62.3	67.8	83.6	89.3	87.9	71.2	61.8	49.7	40.0
2012	42.6	43.1	59.3	63.7	72.2	79.2	85.9	81.4	74.1	59.5	52.4	41.9
2013	40.0	40.7	47.7	55.0	66.8	77.0	79.6	80.1	75.4	60.4	46.5	35.2
2014	35.9	36.0	46.4	58.8	69.1	77.1	77.3	80.6	73.1	64.1	44.5	41.2
2015	37.9	37.1	51.5	60.9	65.6	78.2	81.4	78.8	76.3	62.9	50.9	44.7
2016	38.1	47.2	54.2	61.3	65.9	78.8	82.8	80.3	74.7	66.8	54.6	38.4
2017	40.6	49.1	55.3	60.4	66.6	76.7	81.5	76.5	72.9	61.6	52.5	39.8
2018	37.1	40.8	52.6	54.1	74.5	80.1	82.1	79.5	73.4	59.9	44.5	40.3
2019	38.0	39.7	47.0	60.4	66.7	75.1	80.2	81.8	79.4	56.7	46.4	43.0
2020	41.9	41.6	54.9	57.5	66.8	78.5	80.2	79.0	69.9	57.8	53.0	40.8
2021	39.5	31.0	53.6	57.2	65.5	77.1	79.5	80.8	76.3	64.0	51.0	50.4
2022	37.0	38.6	50.0	61.0	70.3	78.8	85.9	81.9	75.7	61.9	46.9	--
1991-2020	38.3	42.4	51.2	59.5	68.4	77.3	81.9	80.8	72.9	61.3	49.4	40.1

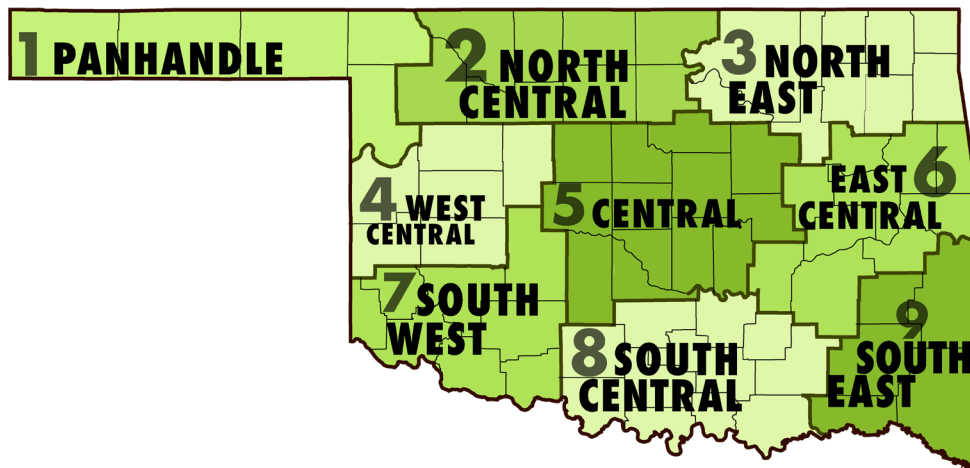
## November 2022 Mesonet Temperature Comparison

Climate Division	Average Temp (F)	Departure from Normal (F)	Rank since 1895	Hottest on Record (Year)	Coldest on Record (Year)	Nov-21 (F)
Panhandle	41.8	-3.5	29th Coolest	51.5 (1999)	35.5 (1929)	48.7
North Central	45.4	-2.1	50th Coolest	54.5 (1999)	39.0 (1929)	50.3
Northeast	46.6	-2.3	48th Coolest	56.4 (1999)	41.1 (1929)	50.0
West Central	45.5	-2.8	42nd Coolest	54.8 (1999)	39.4 (1929)	51.3
Central	47.1	-3.0	39th Coolest	57.1 (1999)	42.0 (1929)	52.0
East Central	48.6	-2.2	44th Coolest	58.9 (1909)	43.3 (1929)	51.2
Southwest	47.8	-2.9	40th Coolest	56.7 (1999)	42.4 (1929)	53.2
South Central	49.6	-2.6	38th Coolest	58.6 (1999)	43.5 (1929)	52.7
Southeast	50.0	-1.5	55th Coolest	58.3 (1909)	43.7 (1929)	50.9
<b>Statewide</b>	<b>46.9</b>	<b>-2.5</b>	<b>43rd Coolest</b>	<b>56.1 (1999)</b>	<b>41.1 (1929)</b>	<b>51.1</b>

## MESONET EXTREMES FOR NOVEMBER 2022

Climate Division	High Temp (F)	Day	Station	Low Temp (F)	Day	Station	High Monthly Rainfall (inches)	Station	High Daily Rainfall (inches)	Day	Station
Panhandle	83	3rd	Beaver	6	19th	Kenton	1.68	Buffalo	1.49	4th	Buffalo
North Central	81	9th	Red Rock	14	19th	Freedom	3.45	Fairview	2.30	4th	Fairview
Northeast	81	1st	Bixby	12	20th	Nowata	4.15	Porter	1.75	4th	Copan
West Central	80	9th	Butler	14	20th	Camargo	2.17	Elk City	1.00	26th	Elk City
Central	82	9th	Stillwater	12	20th	Lake Carl Blackwell	2.79	Okemah	1.24	26th	Shawnee
East Central	82	9th	Sallisaw	15	20th	Okmulgee	7.14	Stuart	3.77	4th	Stuart
Southwest	81	3rd	Tipton	15	20th	Mangum	2.61	Hobart	1.19	26th	Walters
South Central	84	4th	Burneyville	17	20th	Burneyville	7.01	Durant	2.90	4th	Durant
Southeast	82	9th	Wister	15	20th	Wister	7.49	Cloudy	2.94	4th	Hugo
Statewide	84	4th	Burneyville	6	19th	Kenton	7.49	Cloudy	3.77	4th	Stuart

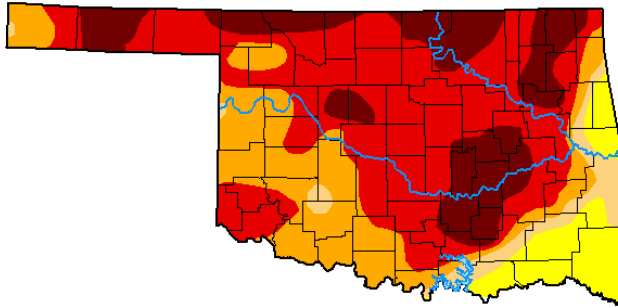
Oklahoma Climate Divisions



Climate Division	Counties
1 - Panhandle	Beaver, Cimarron, Ellis, Harper, and Texas
2 - North Central	Alfalfa, Garfield, Grant, Kay, Major, Noble, Woods, and Woodward
3 - Northeast	Craig, Delaware, Mayes, Nowata, Osage, Ottawa, Pawnee, Rogers, Tulsa, and Washington
4 - West Central	Beckham, Blaine, Custer, Dewey, Roger Mills, and Washita
5 - Central	Canadian, Cleveland, Creek, Grady, Kingfisher, Lincoln, Logan, McClain, Okfuskee, Oklahoma, Payne, Pottawatomie, and Seminole
6 - East Central	Adair, Cherokee, Haskell, Hughes, McIntosh, Muskogee, Okmulgee, Pittsburg, Sequoyah, and Wagoner
7 - Southwest	Caddo, Comanche, Cotton, Greer, Harmon, Jackson, Kiowa, and Tillman
8 - South Central	Atoka, Bryan, Carter, Coal, Garvin, Jefferson, Johnston, Love, Marshall, Murray, Pontotoc, and Stephens
9 - Southeast	Choctaw, Latimer, LeFlore, McCurtain, and Pushmataha

**U.S. Drought Monitor  
Oklahoma**

**November 29, 2022**  
(Released Thursday, Dec. 1, 2022)  
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.03	99.97	91.21	85.98	64.01	19.77
<b>Last Week</b> 11-22-2022	0.00	100.00	97.68	87.88	64.46	19.77
<b>3 Months Ago</b> 08-30-2022	0.02	99.98	98.98	88.22	47.13	2.19
<b>Start of Calendar Year</b> 01-04-2022	5.02	94.98	88.14	72.26	40.44	0.00
<b>Start of Water Year</b> 09-27-2022	0.00	100.00	99.88	94.44	64.44	17.25
<b>One Year Ago</b> 11-30-2021	13.32	86.68	60.71	15.92	2.23	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

David Simeral  
Western Regional Climate Center



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

**U.S. DROUGHT MONITOR FOR OKLAHOMA DROUGHT CONDITIONS  
(PERCENT AREA)**

**NOVEMBER 29, 2022 (RELEASED THURSDAY, DEC. 1ST 2022)**

**VALID 8 A.M. EDT**

Period	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.03	99.97	91.21	85.98	64.01	19.77
<b>Last Week</b> 11-22-2022	0.00	100.00	97.68	87.88	64.46	19.77
<b>3 Months Ago</b> 08-30-2022	0.02	99.98	98.98	88.22	47.13	2.19
<b>Start of Current Year</b> 01-04-2022	5.02	94.98	88.14	72.26	40.44	0.00
<b>Start of Water Year</b> 09-27-2022	0.00	100.00	99.88	94.44	64.44	17.25
<b>One Year Ago</b> 11-30-2021	13.32	86.68	60.71	15.92	2.23	0.00

## INTERPRETATION INFORMATION

**MEAN DAILY TEMPERATURE:** Calculated from an average of the daily maximum and minimum temperatures. Daily averages are summed for each day, and then divided by the number of valid data points – typically the number of days in the month. Although this November differ from the “true” daily average, it is consistent with historical methods of observation and comparable to the normals and extremes for stations and regions of the state.

**DEGREE DAYS:** Degree Days are calculated each day of the month for which there is a temperature report and the mean temperature for the day is less than (Heating Degree Days) or greater than (Cooling Degree Days) 65 degrees. Daily values are summed to arrive at a monthly total. HDD/CDD are qualitative measures of how much heating/cooling was required to maintain a comfortable indoor temperature. Missing observations November result in an artificially high or low value.

## ADDITIONAL RESOURCES

### SUNRISE / SUNSET TABLES

**U.S. Naval Observatory:** <https://aa.usno.navy.mil/data/>

### SEVERE STORM REPORTS

**Storm Prediction Center:** <https://spc.noaa.gov/climo/>

### National Centers for Environmental Information:

<https://www.ncdc.noaa.gov/stormevents/>

### SEASONAL OUTLOOKS

#### Climate Prediction Center:

[https://www.cpc.ncep.noaa.gov/products/OUTLOOKS\\_index.shtml](https://www.cpc.ncep.noaa.gov/products/OUTLOOKS_index.shtml)

### CLIMATE CALENDARS AND OTHER LOCAL WEATHER AND CLIMATE INFORMATION

#### Oklahoma Climatological Survey:

<https://climate.mesonet.org> or <https://climate.ok.gov/>



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