Oklahoma Monthly Climate Summary

NOVEMBER 2023

OKLAHOMA CLIMATOLOGICAL SURVEY

The Oklahoma Mesonet's temperature data tell the story of a dry and unusually warm November, but there was actually a good dose of winter during the month, as well as a nice measure of rain at the end. The state's first significant wintry precipitation of the season fell in the state on Thanksgiving Weekend across the northwestern half. Totals generally ranged between 2-4 inches, but a swath of 4-6 inches occurred across far northwestern Oklahoma and the eastern Panhandle. Isolated totals of 8-9 inches were reported in parts of Beaver and Harper counties. Icy roads were suspected as a contributing factor in a pile-up accident

November 2023 Statewide Extremes

Description	Extreme	Station	Day
High Temperature	95°F	Hollis	7
Low Temperature	6°F	Hooker	25
High Precipitation	4.54 in.	Broken Bow	--
Low Precipitation	0.01 in.	Kenton	--

involving 22 vehicles soon after midnight on Nov. 26 in Oklahoma City. One driver died when his vehicle rolled into the North Canadian River. On the month's final day, another storm system brought predominantly rain to the state, with widespread totals ranging from a half-inch to an inch. In far southeastern Oklahoma, the storm delivered over 3 inches.

The statewide average temperature finished at 51 degrees according to preliminary data from the Oklahoma Mesonet, 1.6 degrees above normal and ranked as the 30th warmest November since records began in 1895. Temperatures ranged from 95 degrees at Hollis on Nov. 7 to 6 degrees at Hooker on Nov. 25—the lowest temperature recorded in the state since Eva's 5 degrees back on March 19. Wind chills plummeted below 10 degrees 55 times at the Mesonet's 119 sites during November's late-month arctic blast, bottoming out with Hooker's minus 7 degrees on the 25th. Eva led all Mesonet sites with 159 hours at or below freezing during the month. All 119 sites had experienced a hard freeze with temperatures at or below 28 degrees during November.

November 2023 Statewide Statistics

Temperature

Period	Average	Departure	Rank (1895-2023)
Month (November)	51.0°F	2.2°F	30th Warmest
Season-to-Date (Sep-Nov)	63.4°F	2.2°F	13th Warmest
Year-to-Date (Jan-Nov)	63.6°F	1.3°F	14th Warmest

Precipitation

Period	Total	Departure	Rank (1895-2023)
Month (November)	1.48 in.	-0.84 in.	48th Driest
Season-to-Date (Sept-Nov)	8.12	-0.88 in.	65th Driest
Year-to-Date (Jan-Nov)	34.02 in.	-0.23 in.	54th Wettest

Departure from 30-year normal

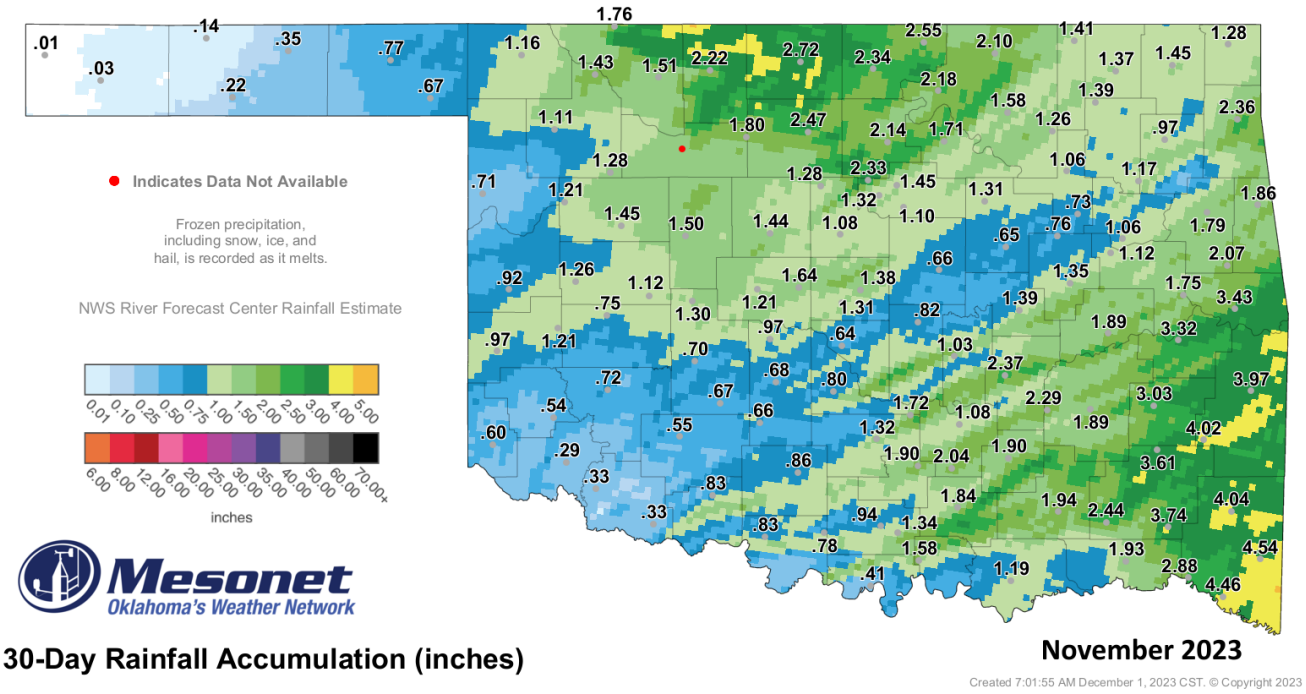
Climatological fall ended with a statewide average of 63.4 degrees, 2.2 degrees above normal and ranked as the 13th warmest September through November on record. The season's first freeze occurred at Beaver on Oct. 7, and 2023's presumptive final triple-digit reading was on Sept. 23 at several locations. The January-

November average temperature was 63.6 degrees, 1.3 degrees above normal and ranked as the 14th warmest such period on record.

The statewide average precipitation total was 1.48 inches, which fell 0.84 inches below normal and ranked as the 48th driest November since records began in 1895. Totals ranged from 4.54 inches at Broken Bow to 0.01 inches at Kenton. Thirty-five Mesonet sites recorded an inch or less for the month. Virtually the entire state suffered a rainfall deficit for the month except for a few sites across far northern Oklahoma that benefited from the late-month heavy snows, and generally ranged from about half an inch to a bit more than 2 inches. The fall season was 0.88 inches below normal and ranked as the 65th driest September through November on record with a statewide average of 8.12 inches. The first 11 months of the year had an average rainfall total of 34.02 inches, the 54th wettest January-November on record since 1895 with an average deficit of just 0.23 inches.

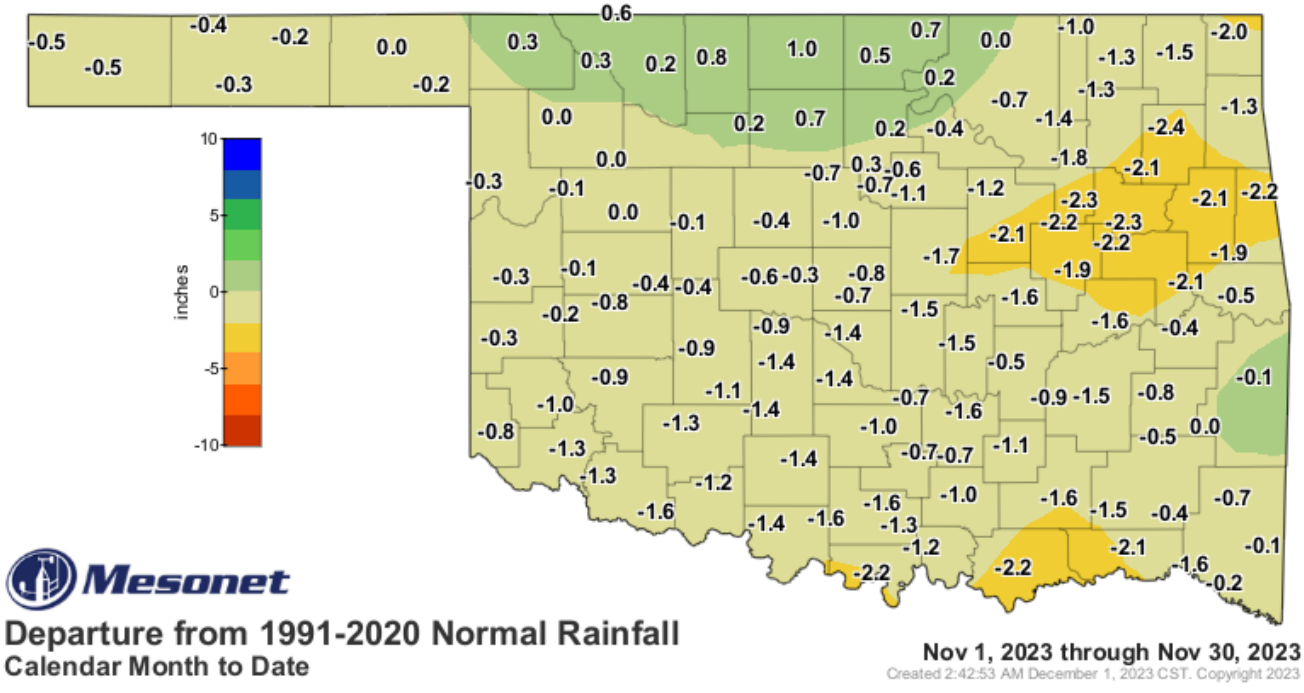
Despite the dry month, drought coverage actually dropped in the state from 36% at the end of October to 34% at the end of November, according to the U.S. Drought Monitor. The most severe drought remained centered in far north central and southwestern Oklahoma, where long-term rainfall deficits of 6 to 12 inches persisted. The Climate Prediction Center's outlooks for December indicate increased odds for above normal precipitation across the eastern half of the state and above normal temperatures across all of Oklahoma. Drought improvement or removal is deemed likely for parts of south central Oklahoma in CPC's December drought outlook, but persistence is indicated for the rest of the state where drought currently exists.

NOVEMBER 2023 OBSERVED PRECIPITATION



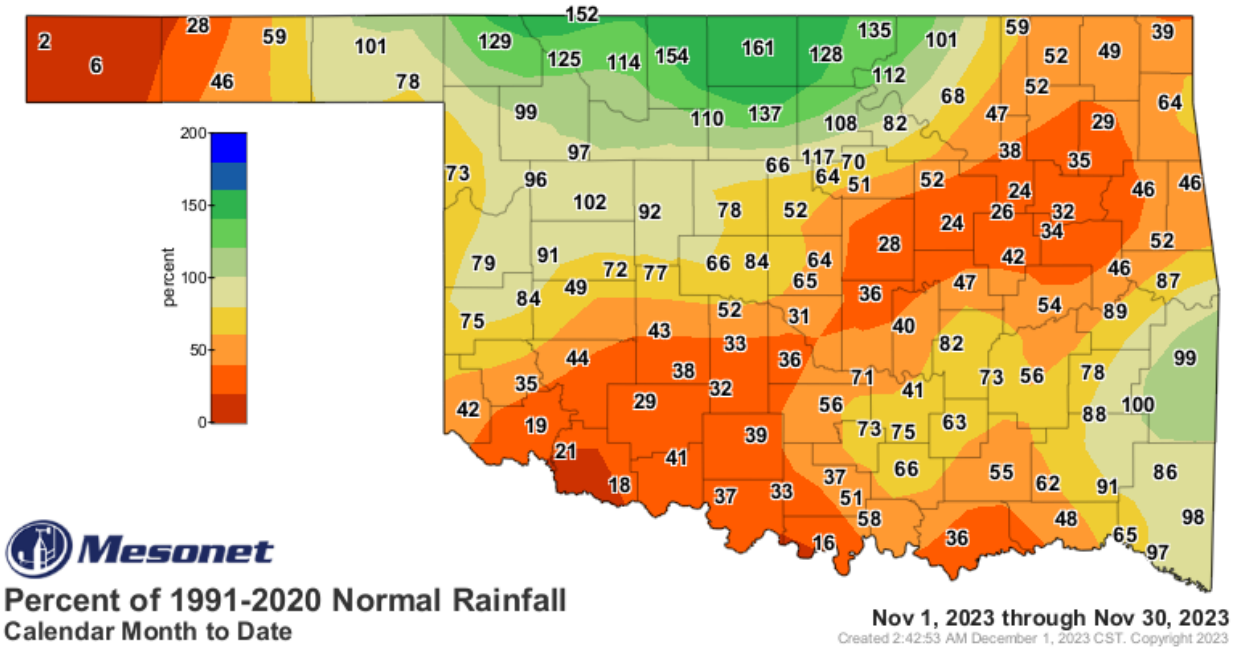
The accumulated rainfall for November ranged from 0.01 inches at Kenton to 4.54 inches at Mt. Herman.

NOVEMBER 2023 DEPARTURE FROM NORMAL PRECIPITATION



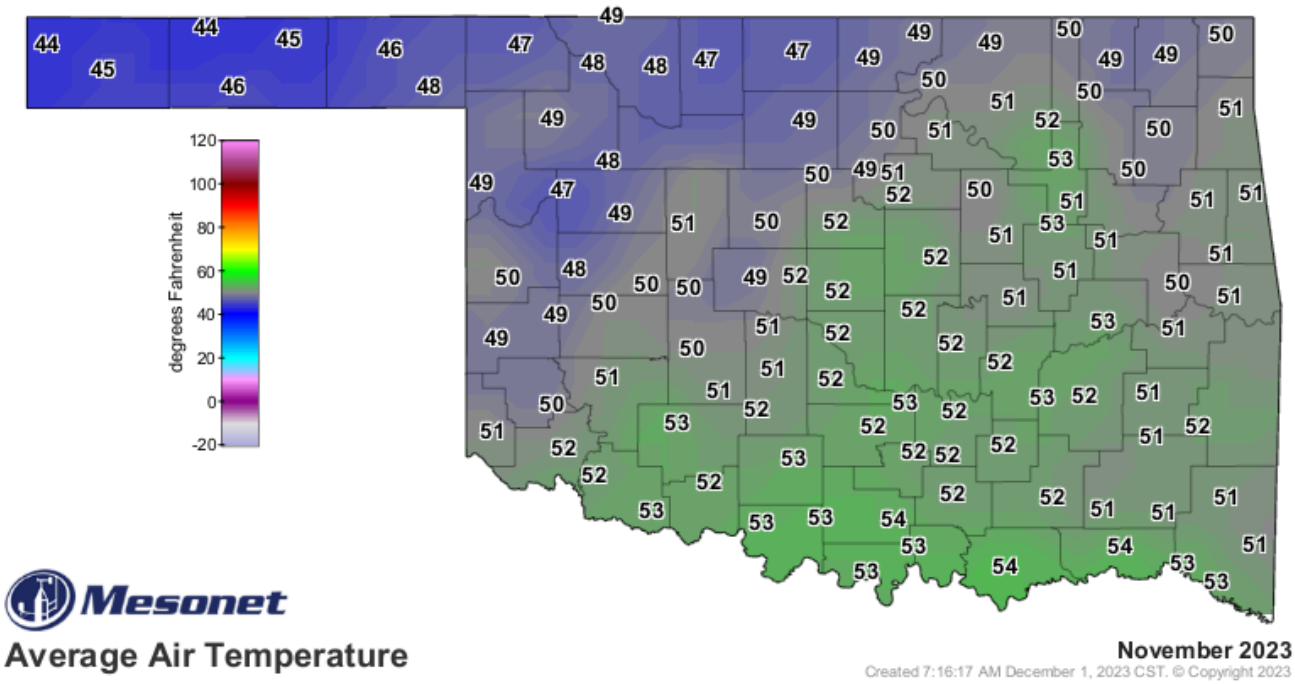
Comparing the November rainfall accumulation to the 1990 to 2020 normal rainfall, north central counties were above normal by as much as 1 inch at Medford. The rest of the state was below normal. The driest area was located from Bristow to Inola to Westville to Eufaula with values from 1.9 inches to 2.4 inches below normal.

NOVEMBER 2023 PERCENT OF NORMAL PRECIPITATION



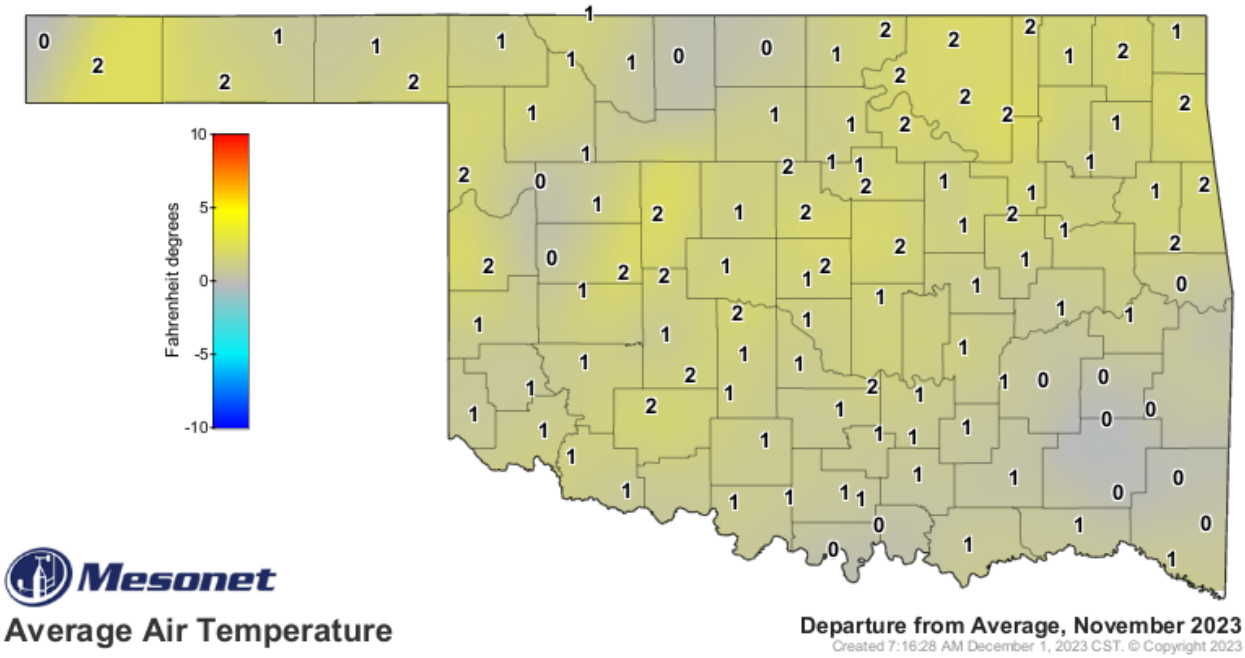
The Panhandle percent of normal ranged from 2% in Cimarron County to 101% in Beaver County. The northern tier of counties received more than their normal rainfall ranging from 99% of normal at Woodward to 161% of normal at Medford. From Altus at 18% to Pryor at 29% the middle part of the state was considerably drier.

NOVEMBER AVERAGE TEMPERATURE IN DEGREES FAHRENHEIT



Temperatures ranged from mid 40s in the panhandle to the low 50's in central and southern counties. Lowest average temperature was 44°F at Kenton and Eva and the highest average temperature was 55°F at Ardmore, Durant and Hugo.

NOVEMBER 2023 DEPARTURE FROM NORMAL TEMPERATURE



The temperature departure from normal ranged from 0°F to 2°F statewide.

MESONET MONTHLY SUMMARY FOR NOVEMBER 2023

PANHANDLE

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Arnett	49.7	93	7	17	26	***	***	.70	.29	26
Goodwell	47.4	89	7	9	25	527	0	.22	.21	26
Beaver	46.8	88	7	10	26	***	***	.77	.28	26
Hooker	46.1	86	7	6	25	566	0	.35	.23	26
Boise City	45.9	87	7	12	27	574	2	.03	.03	26
Kenton	44.1	84	5	9	27	***	***	.01	.01	26
Buffalo	48.1	87	7	9	26	***	***	1.11	.27	30
Slapout	48.7	88	7	14	26	490	0	.67	.29	26
Eva	45.2	86	7	10	25	595	0	.14	.13	26

NORTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Alva	48.4	82	7	14	26	499	0	1.51	.73	30
May Ranch	49.3	82	7	15	26	471	0	1.76	.65	30
Blackwell	48.8	85	7	20	26	487	0	2.36	.76	25
Medford	47.9	81	7	13	27	513	0	2.72	.87	30
Breckinridge	49.3	85	7	20	26	472	1	2.47	.71	30
Newkirk	49.6	83	7	20	26	464	2	2.59	.80	25
Cherokee	47.5	76	7	15	26	524	0	2.22	.94	30
Red Rock	50.3	88	7	21	27	446	4	2.14	.58	19
Fairview	***	***	***	***	***	***	***	***	***	***
Seiling	48.6	91	7	14	27	493	0	1.28	.61	30
Freedom	49.1	84	7	13	26	***	***	1.42	.64	30
Woodward	49.9	92	7	18	26	***	***	1.11	.53	30
Lahoma	***	***	***	***	***	***	***	1.80	.72	30

NORTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bixby	51.8	88	8	21	1	418	21	.73	.33	30
Pawnee	51.5	87	7	21	1	418	13	1.71	.44	20
Burbank	50.1	86	7	17	1	450	2	2.18	.67	30
Porter	52.3	88	8	22	1	403	23	1.06	.42	20
Copan	50.1	82	7	18	1	458	10	1.41	.57	20
Pryor	50.0	86	8	18	1	468	20	.97	.45	30
Foraker	50.0	85	7	20	1	454	4	2.10	.81	20
Skiatook	52.6	84	7	24	1	389	18	1.26	.50	30
Inola	50.4	87	8	19	1	459	20	1.17	.58	20
Talala	50.9	85	8	18	1	438	16	1.39	.75	30
Jay	51.2	84	7	19	1	436	21	2.37	1.20	30
Tulsa	16.9	85	8	***	2	***	***	1.06	.56	30
Miami	49.6	83	7	19	1	477	14	1.29	.58	30
Vinita	49.4	84	8	16	1	482	15	1.45	.58	30
Nowata	49.1	84	8	16	1	491	14	1.37	.57	30
Wynona	51.1	85	7	18	1	431	14	1.58	.42	30

WEST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bessie	50.8	86	7	21	26	431	3	.75	.30	25
Erick	49.6	93	7	20	27	465	2	.97	.47	30
Butler	48.9	91	7	17	26	484	0	1.26	.45	30
Putnam	49.4	88	7	17	26	472	4	1.45	.57	30
Camargo	47.4	93	7	13	26	529	0	1.21	.47	30
Watonga	51.1	86	7	20	26	421	3	1.50	.78	30
Cheyenne	50.9	92	7	22	26	430	6	.92	.27	30
Weatherford	51.2	85	7	19	26	***	***	1.12	.41	19
Elk City	50.2	89	7	22	27	446	3	1.21	.37	25

CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Acme	52.1	88	8	22	27	408	21	.66	.40	25
Norman	52.2	86	8	24	27	403	20	.64	.31	25
Bristow	51.2	88	8	19	27	434	20	.65	.25	30
Oilton	50.8	88	7	19	1	445	19	1.31	.59	30
Lake Carl Blac	49.0	88	7	18	1	481	0	2.33	1.26	19
OKC East	51.8	85	7	23	27	409	13	1.31	.71	19
Chandler	52.9	88	7	22	1	384	22	.66	.26	25
Okemah	51.6	88	8	19	27	422	20	1.39	.57	20
Chickasha	51.6	87	8	21	27	420	18	.68	.38	25
Perkins	52.0	88	7	24	1	407	17	1.10	.39	25
El Reno	49.9	87	7	20	1	455	4	1.21	.43	30
Seminole	52.7	88	8	23	1	394	24	1.03	.62	19
Guthrie	52.2	87	7	23	26	394	11	1.08	.39	30
Shawnee	52.7	87	8	24	1	393	23	.82	.41	19
Kingfisher	50.2	85	7	21	27	445	0	1.44	.68	30
Spencer	52.7	85	7	23	1	386	17	1.38	.75	19
Marena	51.5	88	7	22	1	414	8	1.32	.53	19
Stillwater	50.8	89	7	22	1	431	7	1.46	.65	19
Minco	51.8	86	8	23	26	408	13	.97	.37	25
Washington	52.6	89	8	22	1	395	22	.80	.43	19
Marshall	50.5	87	7	20	27	440	5	1.28	.58	30
Yukon	51.9	87	7	22	26	***	***	1.64	.60	19

EAST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Cookson	51.6	83	8	20	1	423	20	2.07	.74	20
Sallisaw	51.4	85	8	22	1	427	18	3.43	1.89	20
Eufaula	52.7	85	8	24	27	393	23	1.89	.67	20
Stigler	52.2	85	8	22	1	408	24	3.32	1.51	20
Haskell	51.3	87	8	21	1	428	18	1.12	.45	20
Stuart	53.0	87	8	23	1	384	25	2.29	.97	20
Hectorville	53.6	88	8	23	1	368	26	.76	.28	30
Tahlequah	51.0	83	7	18	1	441	20	1.79	.96	20
Holdenville	53.0	88	8	24	1	382	22	2.37	1.12	20
Webbers Falls	50.7	87	8	19	27	450	21	1.75	.65	30
McAlester	52.7	86	8	21	27	398	28	1.90	1.22	9
Westville	51.2	83	8	18	1	433	18	1.87	.99	20
Okmulgee	51.5	88	8	21	27	425	21	1.35	.80	20

SOUTHWEST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Altus	52.7	89	7	23	27	384	16	.29	.21	25
Hollis	51.6	95	7	23	27	416	14	.60	.26	30
Apache	51.9	86	8	23	26	409	16	.67	.43	25
Mangum	50.3	91	7	18	27	449	6	.54	.30	25
Fort Cobb	51.1	88	7	22	27	422	6	.70	.37	25
Medicine Park	53.5	86	8	25	26	363	17	.55	.38	25
Grandfield	53.4	91	8	24	27	369	22	.33	.11	9
Tipton	52.8	91	8	23	27	386	20	.33	.22	25
Hinton	51.0	88	7	22	26	426	6	1.30	.48	30
Walters	53.0	88	8	24	27	376	16	.83	.30	19
Hobart	51.3	86	7	22	27	422	11	.72	.37	30

SOUTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Ada	53.3	89	8	22	1	378	28	1.08	.50	19
Lane	53.2	85	8	23	27	376	23	1.94	.75	30
Ardmore	54.2	88	8	25	27	352	27	1.34	.48	30
Madill	54.1	86	8	22	27	352	25	1.58	.85	9
Burneyville	53.3	89	8	20	27	383	31	.41	.20	9
Newport	54.2	90	8	25	27	350	26	.94	.31	30
Byars	53.9	87	8	24	1	358	25	1.72	.67	19
Pauls Valley	53.3	88	8	22	27	374	23	1.32	.69	19
Centrahoma	52.8	87	8	21	27	391	26	1.91	1.23	9
Ringling	53.8	88	8	23	27	358	23	.78	.33	30
Durant	54.8	86	8	25	27	332	26	1.20	.56	30
Sulphur	52.6	88	8	20	27	397	26	1.90	.61	9
Fittstown	52.7	86	8	23	1	390	22	2.04	.83	9
Tishomingo	52.7	85	8	25	1	389	20	1.84	.62	20
Ketchum Ranch	53.4	88	8	23	27	371	22	.87	.35	19
Waurika	54.1	90	8	22	27	355	27	.83	.32	9

SOUTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Antlers	52.8	85	8	22	27	385	18	2.44	1.05	30
Mt Herman	52.3	81	7	22	27	398	17	4.04	1.88	30
Broken Bow	52.4	83	7	24	27	386	9	4.54	2.96	30
Talihina	52.5	83	8	21	27	***	***	4.16	2.04	9
Clayton	52.7	84	8	24	27	392	23	3.65	1.36	30
Valliant	54.2	84	7	22	27	***	***	2.88	1.32	30
Cloudy	52.5	83	7	23	27	389	15	3.93	2.07	30
Wilburton	52.2	84	8	22	27	407	23	3.03	1.81	9
Hugo	54.3	84	8	27	27	344	22	1.94	1.09	30
Wister	***	***	***	***	***	***	***	4.03	1.68	30
Idabel	53.7	84	7	22	27	356	17	4.46	3.13	30

2023 STATEWIDE PRECIPITATION MONTHLY TOTALS VS. NORMAL IN INCHES

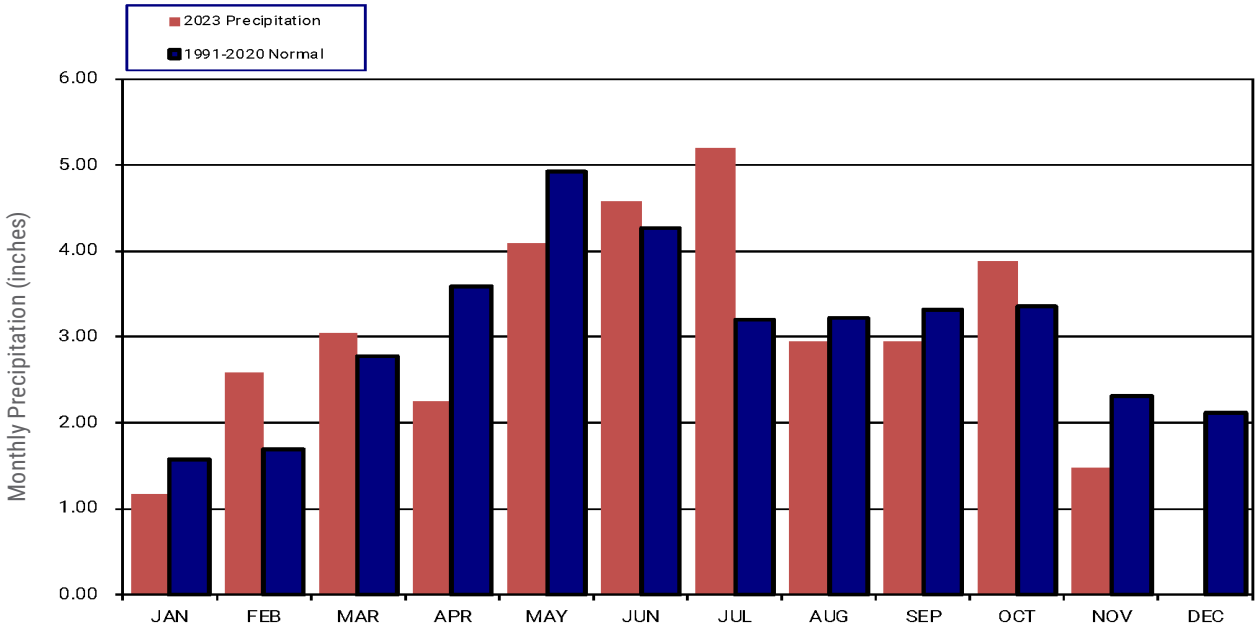


TABLE OF 2023 STATEWIDE PRECIPITATION MONTHLY TOTALS AND NORMALS IN INCHES

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2023	1.17	2.58	3.04	2.26	4.09	4.58	5.19	2.95	2.95	3.88	1.48	--
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 2023 MESONET PRECIPITATION COMPARISON

Climate Division	Precipitation (inches)	Departure from Normal (inches)	Rank since 1895	Wettest on Record (Year)	Driest on Record (Year)	Nov-22 (inches)
Panhandle	0.45	-0.27	58th Driest	4.08 (1909)	0.00 (1921)	0.62
North Central	1.95	0.40	46th Wettest	6.61 (1964)	0.00 (1910)	1.99
Northeast	1.44	-1.38	36th Driest	7.04 (1992)	0.05 (1910)	2.95
West Central	1.15	-0.28	60th Wettest	6.96 (1909)	0.00 (1949)	2.01
Central	1.14	-1.08	44th Driest	6.56 (1992)	0.01 (1955)	2.18
East Central	1.99	-1.57	47th Driest	9.86 (1946)	0.32 (1910)	3.90
Southwest	0.62	-1.09	40th Driest	6.63 (2004)	0.00 (1949)	1.97
South Central	1.36	-1.38	46th Driest	8.87 (1902)	0.07 (1949)	3.65
Southeast	3.55	-0.76	60th Wettest	12.58 (2015)	0.37 (2017)	5.06
Statewide	**1.48**	**-0.84**	**48th Driest**	**6.04 (2015)**	**0.13 (1949)**	**2.65**

2023 STATEWIDE TEMPERATURE MONTHLY TOTALS VS. NORMAL IN DEGREES FAHRENHEIT

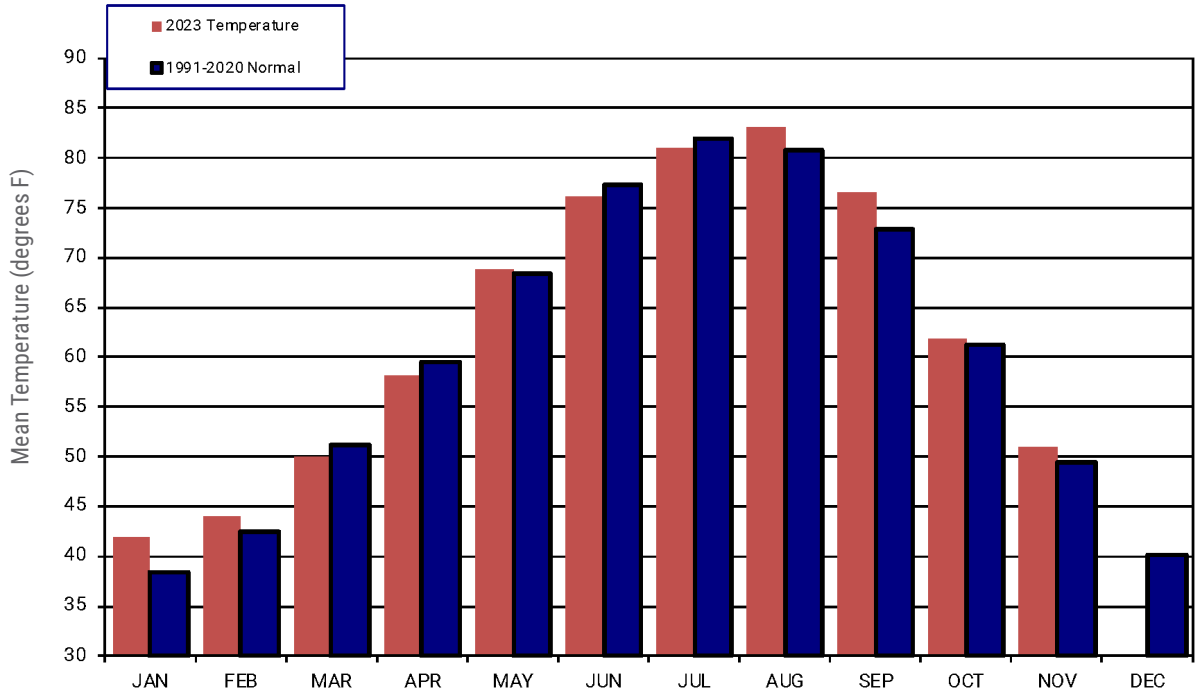


TABLE OF 2023 STATEWIDE TEMPERATURE MONTHLY TOTALS AND NORMALS IN DEGREES FAHRENHEIT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2023	41.9	44.1	50.0	58.1	68.8	76.2	81.0	83.1	76.6	61.9	51.0	--
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

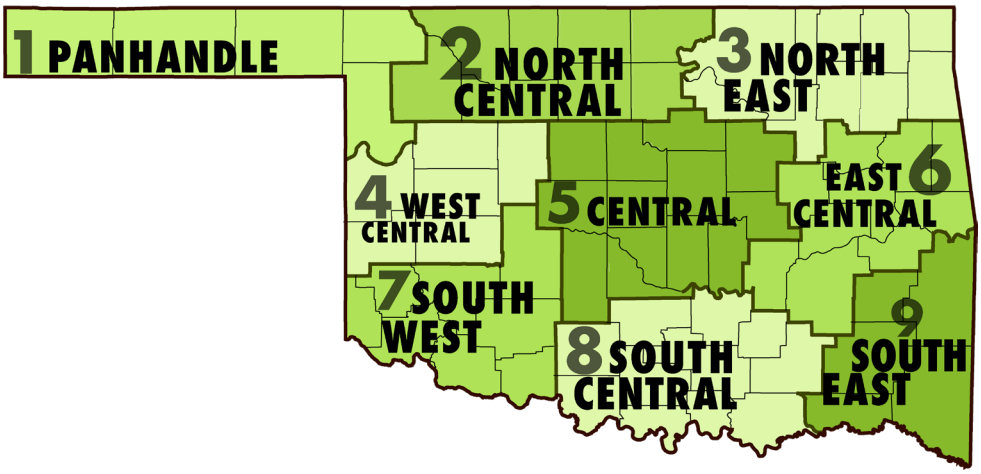
NOVEMBER 2023 MESONET TEMPERATURE COMPARISON

Climate Division	Average Temp (F)	Departure from Normal (F)	Rank since 1895	Hottest on Record (Year)	Coldest on Record (Year)	Nov-22 (F)
Panhandle	46.9	1.6	29th Warmest	51.5 (1999)	35.5 (1929)	41.9
North Central	49.0	1.5	30th Warmest	54.5 (1999)	39.0 (1929)	45.6
Northeast	50.8	1.9	27th Warmest	56.4 (1999)	41.1 (1929)	47.2
West Central	49.9	1.6	26th Warmest	54.8 (1999)	39.4 (1929)	46.2
Central	51.6	1.5	33rd Warmest	57.1 (1999)	42.0 (1929)	47.6
East Central	52.0	1.2	41st Warmest	58.9 (1909)	43.3 (1929)	49.3
Southwest	52.1	1.4	35th Warmest	56.7 (1999)	42.4 (1929)	48.2
South Central	53.6	1.4	38th Warmest	58.6 (1999)	43.5 (1929)	49.8
Southeast	53.0	1.5	40th Warmest	58.3 (1909)	43.7 (1929)	50.8
Statewide	51.0	1.6	30th Warmest	56.1 (1999)	41.1 (1929)	47.3

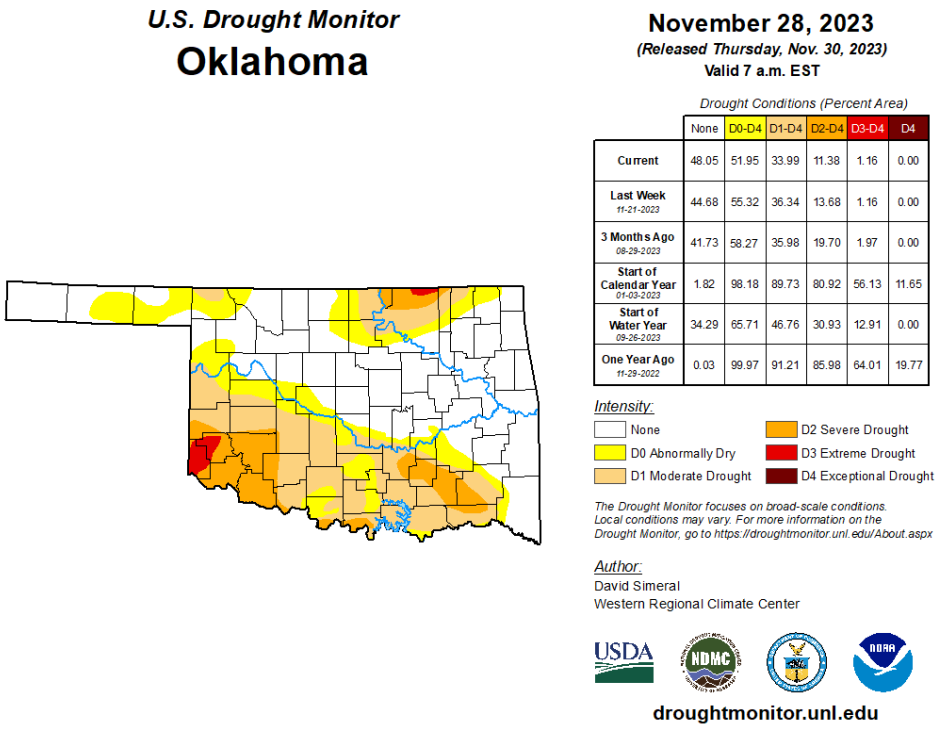
MESONET EXTREMES FOR NOVEMBER 2023

Climate Division	High Temp (F)	Day	Station	Low Temp (F)	Day	Station	High Monthly Rainfall (inches)	Station	High Daily Rainfall (inches)	Day	Station
Panhandle	93	7th	Arnett	6	25th	Hooker	1.16	Buffalo	0.29	26th	Slapout
North Central	92	7th	Woodward	13	27th	Medford	2.72	Medford	0.94	30th	Cherokee
Northeast	88	8th	Bixby	16	1st	Vinita	2.37	Jay	1.20	30th	Jay
West Central	93	7th	Erick	13	26th	Camargo	1.50	Watonga	0.78	30th	Watonga
Central	89	7th	Stillwater	18	1st	Lake Carl Blackwell	2.33	Lake Carl Blackwell	1.26	19th	Lake Carl Blackwell
East Central	88	8th	Okmulgee	18	1st	Westville	3.43	Sallisaw	1.89	20th	Sallisaw
Southwest	95	7th	Hollis	18	27th	Mangum	1.30	Hinton	0.48	30th	Hinton
South Central	90	8th	Waurika	20	27th	Sulphur	2.04	Fittstown	1.23	9th	Centrahoma
Southeast	85	8th	Antlers	21	27th	Talihina	4.54	Broken Bow	3.13	30th	Idabel
Statewide	**95**	**7th**	**Hollis**	**6**	**25th**	**Hooker**	**4.54**	**Broken Bow**	**3.13**	**30th**	**Idabel**

Oklahoma Climate Divisions



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



Drought condition intensity levels used for the US Drought Monitor are None, D0 Abnormally Dry, D1 Moderate Drought, D2 Severe Drought, D3 Extreme Drought, and 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.

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

NOVEMBER 28, 2023 (RELEASED THURSDAY, NOV. 30, 2023) VALID 7 A.M. EST

Period	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	48.05	51.95	33.99	11.38	1.16	0.00
Last Week 11-21-2023	44.68	56.32	36.34	13.68	1.16	0.00
3 Months Ago 08-29-2023	41.73	58.27	35.98	19.70	1.97	0.00
Start of Current Year 01-03-2023	1.82	98.18	89.73	80.92	56.13	11.65
Start of Water Year 09-26-2023	34.29	65.71	46.76	30.93	12.91	0.00
One Year Ago 11-29-2022	0.03	99.97	91.21	85.98	64.01	19.77

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 may 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 may 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.php/

CLIMATE CALENDARS AND OTHER LOCAL WEATHER AND CLIMATE INFORMATION
Oklahoma Climatological Survey:
https://climate.ok.gov/

Oklahoma Climatological Survey is the State Climate Office for Oklahoma

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Disclaimer: This report is preliminary. Records and rankings will change as new data is collected. Refer to the National Centers for Environmental Information (NCEI) for the most up-to-date information.