Oklahoma Monthly Climate Summary

JANUARY 2024

OKLAHOMA CLIMATOLOGICAL SURVEY

Winter made a striking return to Oklahoma in January, surprising a state that had just experienced its fourth-warmest December on record. This frosty resurgence brought with it a myriad of wintry phenomena, including freezing fog, freezing rain, snowstorms, a blizzard warning, an ice storm warning, and the lengthiest stretch of sub-freezing temperatures since the infamous Arctic air outbreak of February 2021. Following a seasonably mild first week, Arctic air surged southward in multiple waves. The initial wave blanketed northern Oklahoma with snow on January 8-9, accompanied by a blizzard warning in the Panhandle. Snow accumulations were generally modest, though the western Panhandle saw over 6 inches, coupled with wind gusts exceeding 60 mph. This led to near-zero visibility and whiteout conditions, resulting in road closures. Subsequent blasts of frigid Arctic air infiltrated the state starting late on the 11th, persisting until the morning of the 17th, holding much of Oklahoma in a deep freeze for over 100 hours. Some northern regions endured over 100 hours below 20 degrees Fahrenheit, a clear indicator of the polar origin of the air mass. Mercury readings plummeted to as low as minus 15 degrees, marking the coldest recorded temperature in the state since February 26, 2021, when Nowata recorded minus 22 degrees. Additionally, light snowfall graced northern and eastern Oklahoma on the 15th.

After a brief respite, winter made a formidable return. Freezing rain swept across the state late on the 21st and persisted through the morning of the 22nd, prompting an ice storm warning for far eastern Oklahoma due to anticipated heavier ice accumulations and gusty winds. Up to three-tenths of an inch of ice coated the southeastern two-thirds of the state, leading to traffic disruptions and hundreds of motor vehicle accidents. Portions of Oklahoma's turnpikes and interstate highways turned into impromptu parking lots for numerous semi-trucks. The ice was a hazard to pedestrians as well, with dozens of slip-and-fall accidents reported by state hospitals. Although temperatures finally climbed above

January 2024 Statewide Extremes

Description	Extreme	Station	Day
High Temperature	76°F	Waurika	31
Low Temperature	-15°F	Vinita	16
High Precipitation	6.27 in.	Broken Bow	--
Low Precipitation	0.63 in.	Beaver	--

January 2024 Statewide Statistics

Temperature

Period	Average	Departure	Rank (1895-2024)
Month (January)	34°F	-4.3°F	26th Coolest
Season-to-Date (Dec-Jan)	39.5°F	0.3°F	42nd Warmest

Precipitation

Period	Total	Departure	Rank (1895-2024)
Month (January)	2.20 in.	0.63 in.	22nd Wettest
Season-to-Date (Dec-Jan)	5.10 in.	1.42 in.	14th Wettest

Departure from 30-year normal

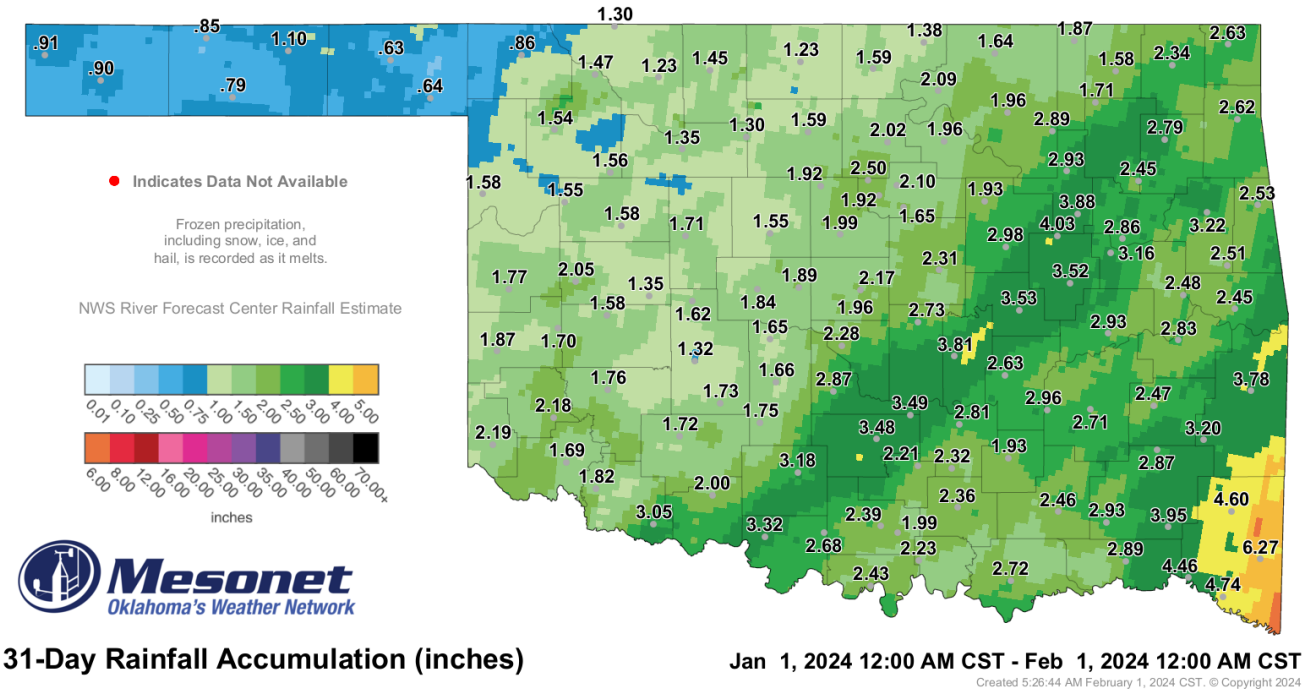
freezing on the 22nd, inclement weather persisted through the 27th, with successive waves of chilly rain under perpetually gray skies. Fortunately, the month concluded on a brighter note, with temperatures reaching the 60s and 70s from the 28th through the 31st.

According to preliminary data from the Oklahoma Mesonet, the statewide average temperature for the month was 34 degrees, 4.3 degrees below normal and ranked as the 26th coldest January since records began in 1895. The month saw Vinita plummeting to a bone-chilling minus 15 degrees on January 16, while Waurika recorded the highest temperature of 76 degrees on the 31st. Across the Mesonet's 120 sites, there were 171 instances of temperatures at or below zero and an additional 437 occurrences below 10 degrees. Notably, Vinita experienced the lowest wind chill value of minus 26.8 degrees on the 16th—the state's lowest since Hooker recorded minus 33.2 degrees on December 22, 2022. Throughout January, there were 50 instances of wind chill values at or below minus 20 degrees and a staggering 759 readings at or below zero. Reflecting on the first two months of climatological winter, encompassing December and January, the statewide average temperature stood at 39.5 degrees—marginally above normal by 0.3 degrees—and ranked as the 42nd warmest such period on record.

According to data from the Oklahoma Mesonet, the statewide average precipitation for January totaled 2.2 inches, surpassing the established normal by 0.63 inches and ranking as the 22nd wettest January since records began in 1895. Continuing a familiar pattern, southeast Oklahoma received the bulk of the moisture, ranging from 4 to 6 inches, tapering off towards the northwest and the Panhandle where amounts remained generally under an inch. Leading the precipitation chart was Broken Bow with 6.27 inches, joined by 18 other sites reporting 3 inches or more. Conversely, Beaver recorded the lowest total at 0.63 inches. Nearly the entire state experienced surpluses ranging from 0.5 to 2 inches. Examining the climatological winter's initial two months, precipitation remained notably abundant, with a statewide average of 5.1 inches—exceeding the norm by 1.42 inches and ranking as the 14th wettest such period on record. West central Oklahoma marked its wettest December-January interval on record, averaging 5.12 inches, surpassing the norm by 2.97 inches and besting the previous record of 5.01 inches from 1984-85. Meanwhile, the Panhandle and north-central regions observed their third- and second-wettest periods on record, respectively. In contrast, southeast Oklahoma's average of 7.37 inches was marginally below normal by 0.12 inches.

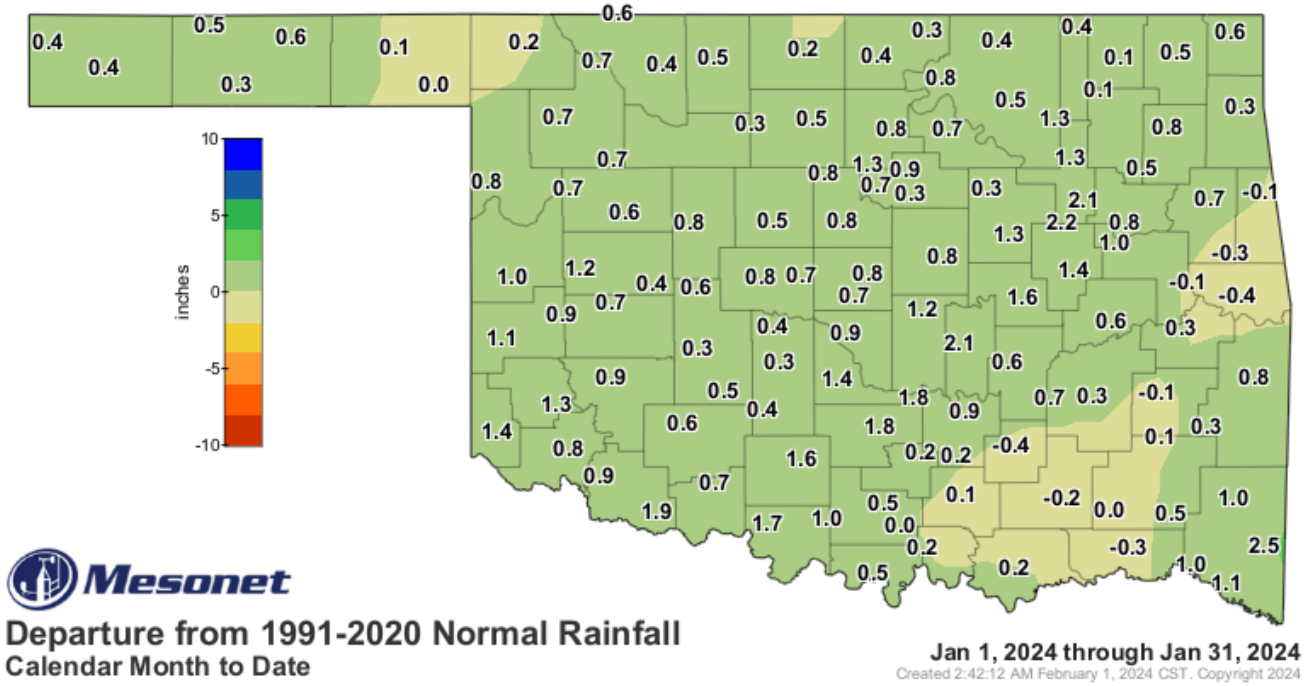
Moisture surpluses in January continued to alleviate Oklahoma's drought conditions, as indicated by the U.S. Drought Monitor's final map on January 30, which revealed that only 7% of the state remained in drought, with a mere 1.6% categorized as severe drought. The Climate Prediction Center anticipates further improvements in February. According to CPC's February outlooks, there are increased probabilities of above-normal temperatures statewide, particularly in northern Oklahoma. The precipitation outlook suggests increased chances of above-normal precipitation for nearly the entire state, except for extreme eastern Oklahoma. CPC's corresponding drought outlook for February indicates that the remaining drought areas in the state will likely be eradicated, except for localized areas in south-central and northeastern Oklahoma.

JANUARY 2024 OBSERVED PRECIPITATION



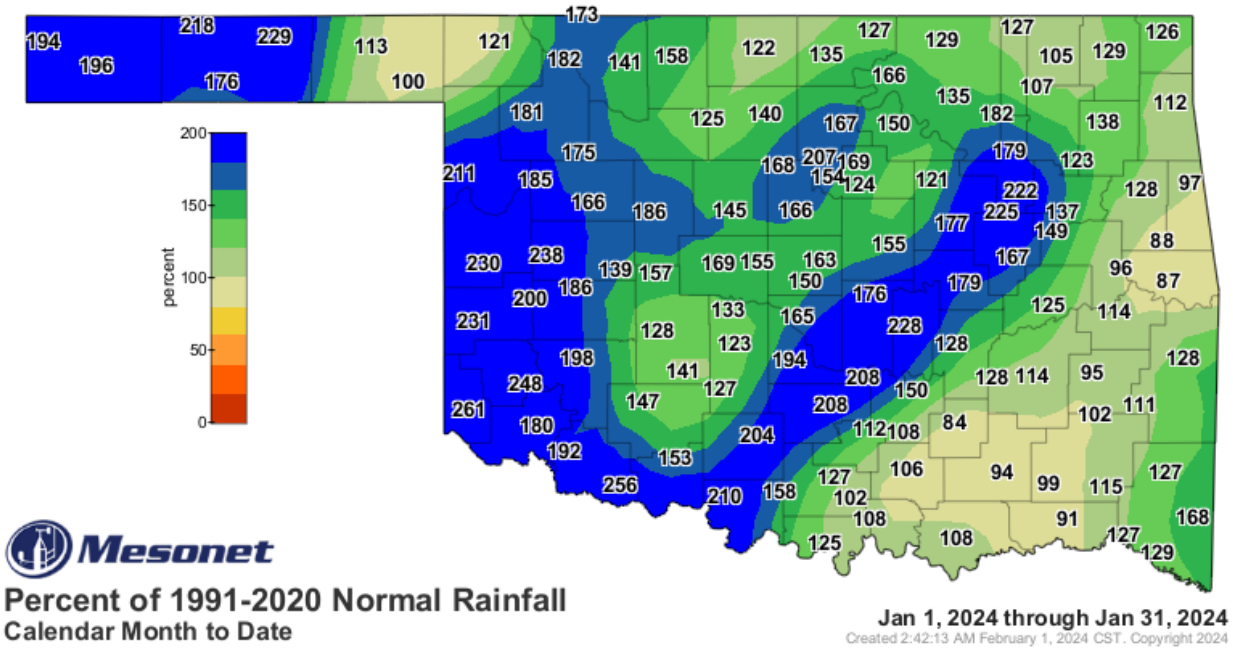
The accumulated rainfall for January ranged from 0.64 inches at Slapout to 6.27 inches at Broken Bow. Sites along a line from Tulsa to Shawnee to Waurika received more than 3 inches.

JANUARY 2024 DEPARTURE FROM NORMAL PRECIPITATION



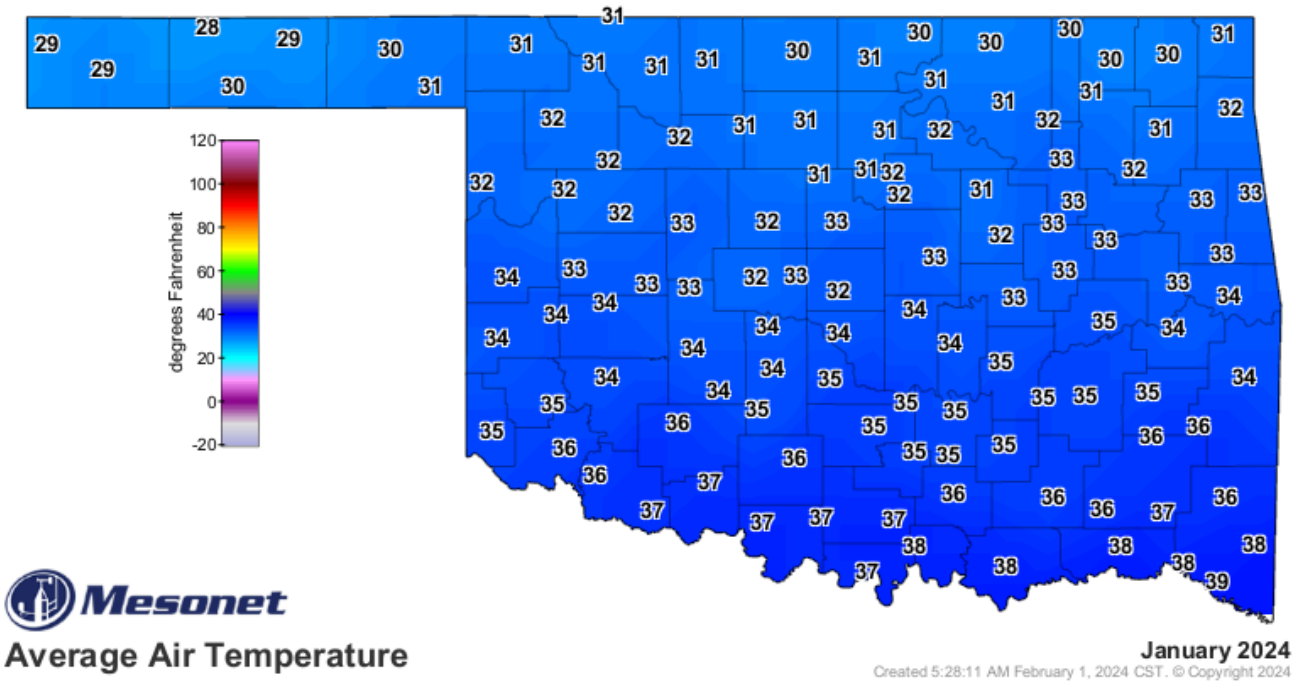
Comparing the January rainfall accumulation to the 1990 to 2020 normal rainfall, most site were from normal to 2 inches above normal. The driest area was located around Sallisaw at 0.4 inches below normal with a secondary dry area from Wilburton to Centrahoma to Madill to Hugo with values from 0.4 inches to 0.1 inches below normal.

JANUARY 2024 PERCENT OF NORMAL PRECIPITATION



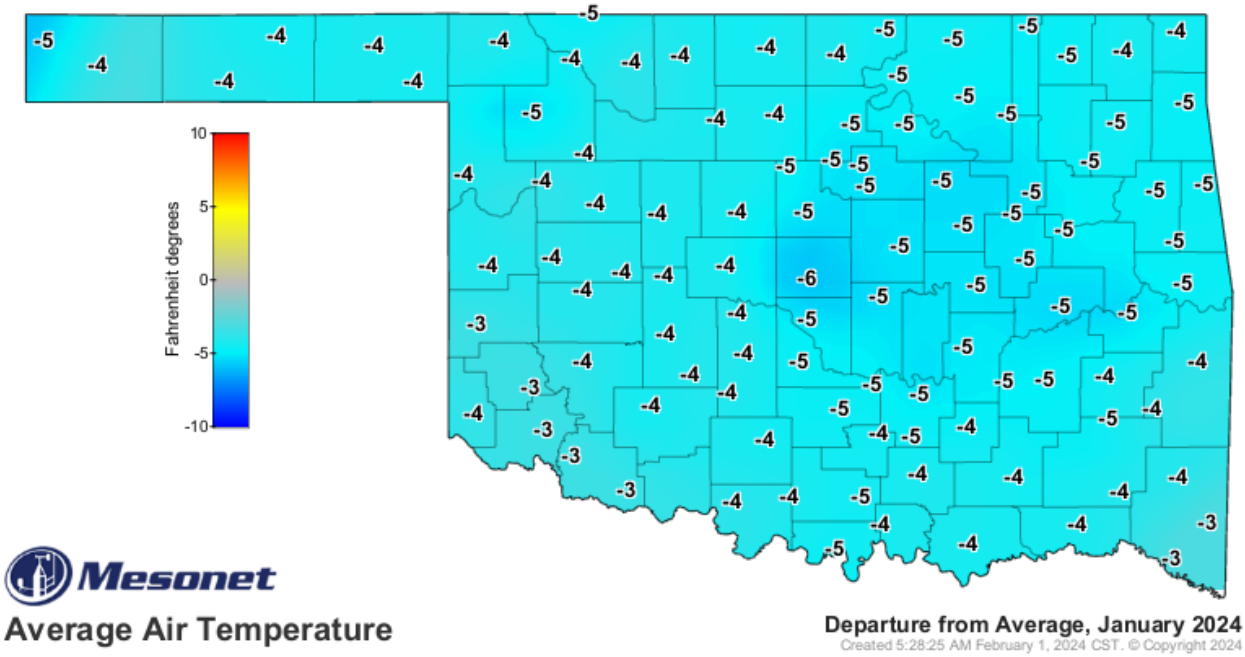
The Panhandle percent of normal ranged from 100% in Beaver County to 229% in Texas County. Most counties received near or more than their normal rainfall ranging from 84% of normal at Centrahoma to 261% of normal at Hollis.

JANUARY AVERAGE TEMPERATURE IN DEGREES FAHRENHEIT



Temperatures ranged from upper 20s in the panhandle to the high 30's in southern counties. Lowest average temperature was 28°F at Eva and the highest average temperature was 39°F at Idabel.

JANUARY 2024 DEPARTURE FROM NORMAL TEMPERATURE



The temperature departure from normal ranged from -6°F in Oklahoma county to -3°F in the southwest and in McCurtain county.

MESONET MONTHLY SUMMARY FOR JANUARY 2024

PANHANDLE

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Arnett	33.3	72	29	-1	14	982	0	1.58	.46	4
Goodwell	32.3	72	31	-1	13	1013	0	.79	.23	4
Beaver	31.4	70	31	-2	15	1042	0	.63	.23	4
Hooker	30.8	68	31	-1	13	1061	0	1.10	.42	26
Boise City	30.8	67	31	-2	14	1060	0	.90	.60	26
Kenton	29.1	67	31	-6	13	1114	0	.91	.60	26
Buffalo	32.2	72	31	-3	16	1018	0	.86	.34	5
Slapout	32.2	71	31	-3	15	1017	0	.64	.22	5
Eva	29.2	68	31	-3	14	1110	0	.85	.23	26

NORTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Alva	32.5	74	31	-3	16	1007	0	1.23	.53	5
May Ranch	31.6	72	31	-4	16	***	***	1.30	.51	8
Blackwell	31.0	72	31	-2	16	1053	0	1.59	.56	8
Medford	31.1	71	31	-2	16	1050	0	1.23	.57	5
Breckinridge	31.4	73	31	-6	16	1041	0	1.59	.41	5
Newkirk	30.5	71	31	-4	16	1071	0	1.38	.37	5
Cherokee	32.2	73	31	-1	16	1016	0	1.45	.63	5
Red Rock	31.5	74	31	-6	16	1038	0	2.02	.52	26
Fairview	32.9	74	29	-5	14	995	0	1.35	.43	5
Seiling	32.7	74	29	-1	15	1002	0	1.56	.58	5
Freedom	32.1	72	31	-3	16	1020	0	1.47	.57	8
Woodward	32.8	72	29	-4	15	998	0	1.54	.40	5
Lahoma	32.1	73	31	-2	16	1019	0	1.30	.46	8

NORTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bixby	33.3	72	31	-1	15	981	0	3.88	.97	8
Pawnee	32.3	74	31	-6	16	1015	0	1.96	.53	26
Burbank	31.3	73	31	-3	16	1045	0	2.09	.47	26
Porter	33.6	70	31	0	16	974	0	2.86	.81	22
Copan	30.8	69	31	-8	14	1059	0	1.87	.67	22
Pryor	32.0	69	31	-5	16	1025	0	2.79	.84	8
Foraker	30.8	72	31	-8	16	1062	0	1.64	.47	8
Skiatook	32.6	70	31	-6	16	1006	0	2.89	.73	8
Inola	32.3	69	31	-3	15	1013	0	2.45	.75	8
Talala	31.8	70	31	-9	16	1030	0	1.71	.75	8
Jay	32.3	70	31	-7	16	1014	0	2.62	.97	8
Tulsa	33.6	71	31	-2	15	974	0	2.93	.92	8
Miami	31.4	67	31	-6	16	1042	0	2.63	.97	8
Vinita	30.9	69	31	-15	16	1058	0	2.34	1.06	8
Nowata	30.7	69	31	-12	16	1063	0	1.58	.79	8
Wynona	31.7	73	31	-7	16	1032	0	1.96	.60	8

WEST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bessie	34.7	73	30	2	14	940	0	1.58	.46	26
Erick	34.5	72	29	2	14	945	0	1.87	.62	4
Butler	34.0	74	30	2	14	961	0	2.05	.72	5
Putnam	33.4	72	29	0	15	981	0	1.58	.51	26
Camargo	33.1	73	29	1	14	989	0	1.55	.57	5
Watonga	33.6	72	29	-2	15	974	0	1.71	.73	26
Cheyenne	34.4	72	29	0	14	949	0	1.77	.62	4
Weatherford	33.8	71	30	1	14	967	0	1.35	.41	26
Elk City	34.9	74	29	1	14	934	0	1.70	.57	5

CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Acme	35.0	72	30	0	16	931	0	1.75	.54	26
Norman	34.1	72	31	1	15	958	0	2.28	.67	26
Bristow	32.8	75	31	-1	15	997	0	2.98	1.02	8
Oilton	31.8	74	31	-8	15	1028	0	1.93	.56	26
Lake Carl Blac	31.4	75	31	-10	15	1042	0	2.50	.66	26
OKC East	32.5	72	31	-1	15	***	***	1.96	.53	8
Chandler	33.5	74	31	-3	15	975	0	2.31	.62	8
Okemah	33.5	72	31	-1	15	975	0	3.53	1.13	8
Chickasha	34.3	73	31	3	14	950	0	1.66	.46	8
Perkins	32.8	72	31	-4	15	997	0	1.65	.48	26
El Reno	32.6	73	31	-2	15	1004	0	1.84	.66	26
Seminole	34.0	74	31	1	15	961	0	3.81	1.27	26
Guthrie	33.2	73	31	-3	15	985	0	1.99	.61	26
Shawnee	34.0	72	31	-1	15	961	0	2.73	.91	26
Kingfisher	33.0	71	31	-1	15	993	0	1.55	.53	26
Spencer	33.8	72	31	-3	15	968	0	2.17	.50	8
Marena	32.5	74	31	-5	15	1008	0	1.92	.56	26
Stillwater	32.3	74	31	-8	15	1015	0	2.10	.52	8
Minco	34.1	72	29	1	15	958	0	1.65	.45	8
Washington	35.2	74	31	1	16	925	0	2.87	1.08	26
Marshall	32.0	72	31	-6	15	1022	0	1.92	.57	26
Yukon	33.3	72	31	-2	15	983	0	1.89	.55	26

EAST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Cookson	33.8	69	31	-3	16	967	0	2.51	.71	22
Sallisaw	34.5	69	31	-2	17	945	0	2.45	.85	22
Eufaula	34.8	71	31	1	16	937	0	2.93	.86	22
Stigler	34.6	70	31	1	16	942	0	2.83	.91	8
Haskell	33.4	70	31	-2	16	980	0	3.16	.63	22
Stuart	35.7	73	31	2	15	907	0	2.96	1.02	22
Hectorville	34.1	74	31	-3	16	959	0	4.03	1.10	8
Tahlequah	33.1	69	31	-4	16	988	0	3.22	.85	8
Holdenville	35.0	73	31	1	15	931	0	2.63	.87	8
Webbers Falls	33.6	67	31	-4	16	973	0	2.48	.85	8
McAlester	35.4	74	31	3	16	917	0	2.71	1.03	22
Westville	33.2	68	31	-5	16	985	0	2.53	.70	22
Okmulgee	33.7	73	31	-1	14	972	0	3.52	.90	8

SOUTHWEST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Altus	36.5	69	29	3	16	885	0	1.69	.45	8
Hollis	35.9	71	29	3	16	903	0	2.19	.61	4
Apache	35.0	72	31	1	16	930	0	1.73	.51	26
Mangum	35.3	72	29	2	16	919	0	2.18	.59	4
Fort Cobb	34.2	72	31	2	16	955	0	1.32	.38	26
Medicine Park	36.4	73	30	2	14	885	0	1.72	.46	26
Grandfield	37.3	72	31	4	16	858	0	3.05	1.13	26
Tipton	36.7	70	31	5	16	876	0	1.82	.43	26
Hinton	33.6	71	31	0	15	974	0	1.62	.42	8
Walters	36.8	71	30	5	16	873	0	2.00	.90	26
Hobart	35.2	71	30	2	16	923	0	1.76	.39	4

SOUTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Ada	35.1	74	31	2	16	928	0	2.81	.77	8
Lane	37.2	73	31	6	15	863	0	2.46	.90	22
Ardmore	37.7	73	31	5	15	845	0	1.99	.60	8
Madill	38.1	74	30	5	15	833	0	2.23	.60	8
Burneyville	37.6	75	30	5	16	848	0	2.43	.75	8
Newport	38.0	74	31	4	16	838	0	2.39	.78	8
Byars	35.9	72	31	2	14	901	0	3.49	1.26	26
Pauls Valley	35.8	73	31	4	16	904	0	3.48	1.28	26
Centrahoma	35.9	74	31	4	16	901	0	1.93	.64	8
Ringling	37.6	74	31	5	16	851	0	2.68	.84	26
Durant	38.8	73	31	6	15	812	0	2.72	.79	23
Sulphur	35.4	73	31	3	16	917	0	2.21	.80	8
Fittstown	35.5	72	31	2	15	914	0	2.32	.56	8
Tishomingo	36.5	72	31	4	15	884	0	2.36	.65	22
Ketchum Ranch	36.2	74	30	3	16	892	0	3.18	1.52	26
Waurika	37.9	76	31	5	16	839	0	3.32	1.69	26

SOUTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Antlers	37.5	73	31	4	17	853	0	2.93	1.10	8
Mt Herman	37.4	71	30	3	16	854	0	4.60	1.96	22
Broken Bow	38.8	75	30	6	17	811	0	6.27	2.28	22
Talihina	37.2	72	31	-1	17	861	0	3.20	1.38	22
Clayton	36.9	72	31	3	15	872	0	2.87	1.12	22
Valliant	38.6	74	30	6	17	818	0	4.46	2.02	22
Cloudy	37.7	72	30	4	17	848	0	3.95	1.77	22
Wilburton	36.2	73	31	2	15	893	0	2.47	.88	22
Hugo	38.9	73	30	7	16	808	0	2.89	1.15	22
Wister	35.5	70	31	-2	16	915	0	3.78	1.58	22
Idabel	39.4	74	30	9	17	793	0	4.74	1.63	22

2024 STATEWIDE PRECIPITATION MONTHLY TOTALS VS. NORMAL IN INCHES

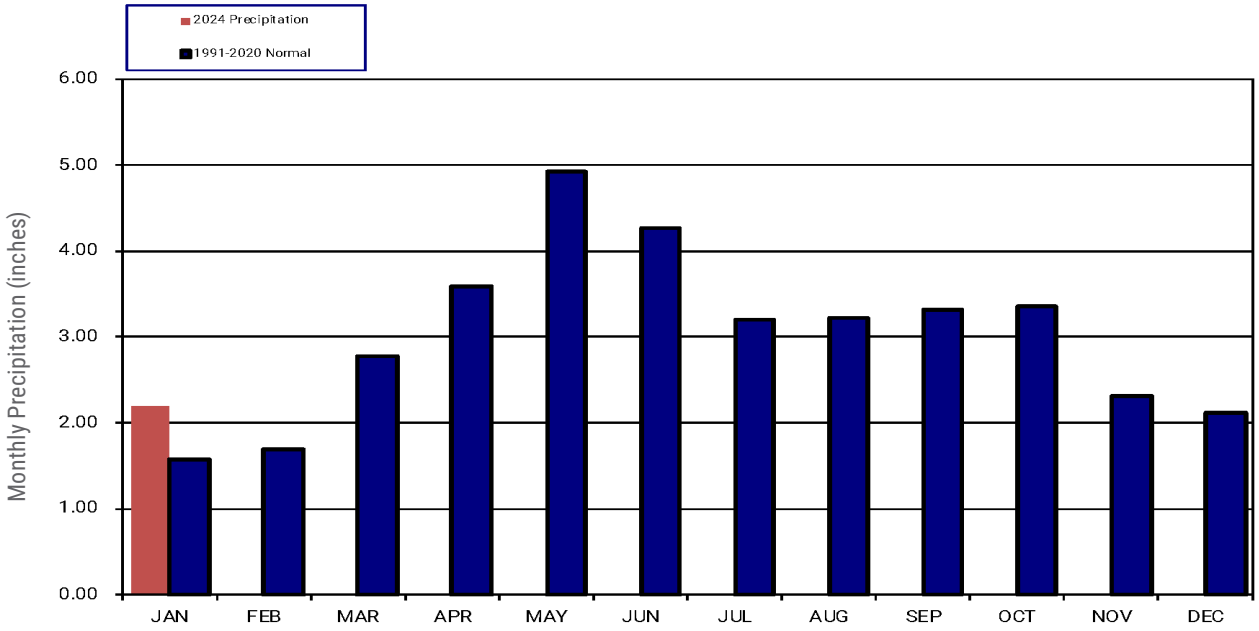


TABLE OF 2024 STATEWIDE PRECIPITATION MONTHLY TOTALS AND NORMALS IN INCHES

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	2.20	--	--	--	--	--	--	--	--	--	--	--
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

JANUARY 2024 MESONET PRECIPITATION COMPARISON

Climate Division	Precipitation (inches)	Departure from Normal (inches)	Rank since 1895	Wettest on Record (Year)	Driest on Record (Year)	Jan-23 (inches)
Panhandle	0.92	0.35	20th Wettest	1.94 (2017)	0.00 (1923)	0.31
North Central	1.46	0.48	23rd Wettest	4.16 (1949)	0.00 (1986)	0.79
Northeast	2.39	0.67	30th Wettest	6.87 (1916)	0.01 (1986)	1.52
West Central	1.68	0.80	11th Wettest	3.74 (1949)	0.00 (1976)	0.60
Central	2.23	0.81	21st Wettest	5.58 (1949)	0.00 (1986)	1.12
East Central	2.92	0.50	36th Wettest	11.21 (1916)	0.04 (1986)	2.47
Southwest	1.92	0.87	15th Wettest	4.48 (1949)	0.00 (1912)	0.74
South Central	2.62	0.60	28th Wettest	7.70 (1916)	0.03 (1986)	1.39
Southeast	3.83	0.59	35th Wettest	11.13 (1949)	0.20 (1943)	2.82
Statewide	2.20	0.63	22nd Wettest	5.35 (1949)	0.03 (1986)	1.28

2024 STATEWIDE TEMPERATURE MONTHLY TOTALS VS. NORMAL IN DEGREES FAHRENHEIT

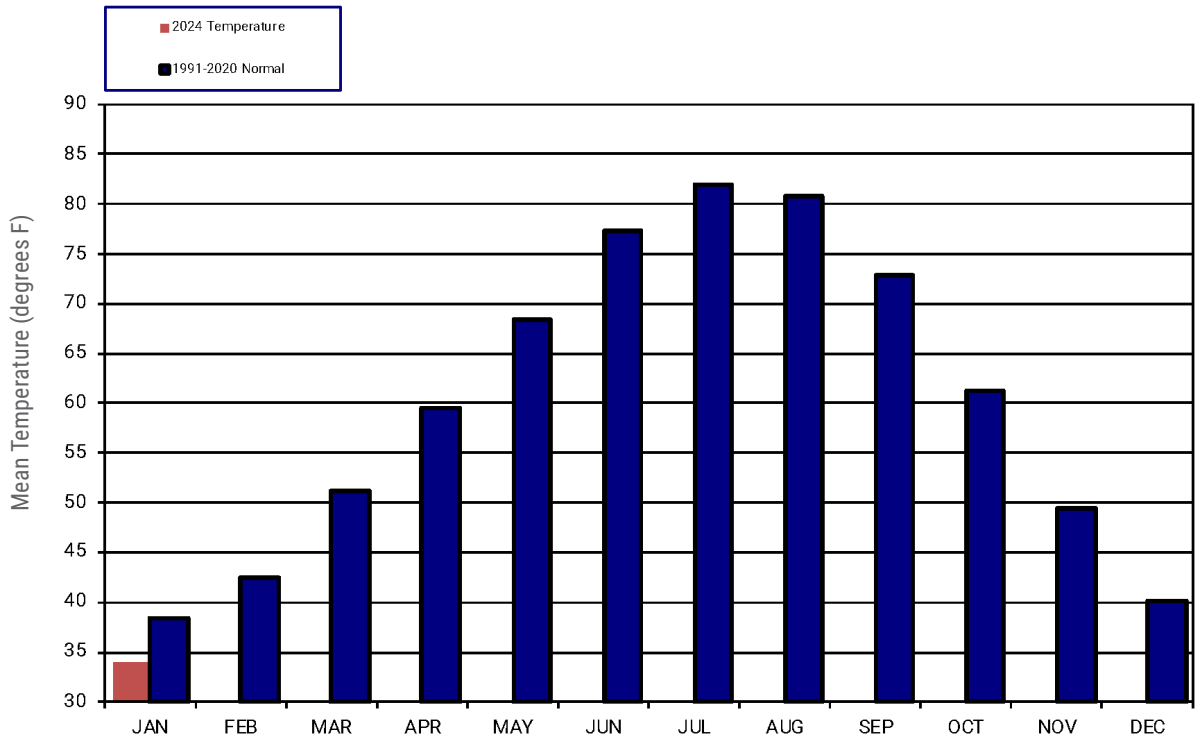


TABLE OF 2024 STATEWIDE TEMPERATURE MONTHLY TOTALS AND NORMALS IN DEGREES FAHRENHEIT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	34.0	--	--	--	--	--	--	--	--	--	--	--
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

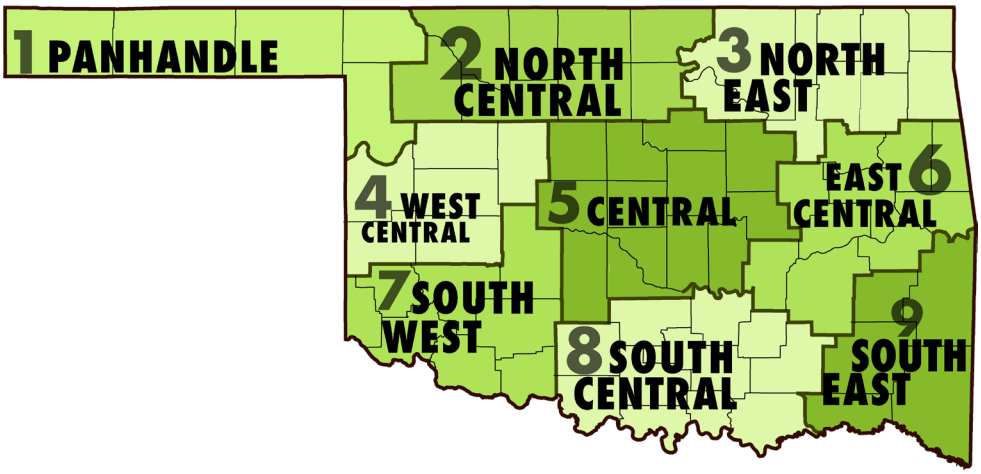
JANUARY 2024 MESONET TEMPERATURE COMPARISON

Climate Division	Average Temp (F)	Departure from Normal (F)	Rank since 1895	Hottest on Record (Year)	Coldest on Record (Year)	Jan-23 (F)
Panhandle	31.3	-4.0	38th Coolest	42.9 (2006)	19.7 (1940)	36.7
North Central	31.9	-3.9	35th Coolest	45.0 (2006)	18.8 (1940)	39.9
Northeast	31.9	-4.5	26th Coolest	46.2 (2006)	20.6 (1940)	40.7
West Central	34.0	-3.6	39th Coolest	46.1 (2006)	21.3 (1930)	42.2
Central	33.3	-5.3	21st Coolest	47.7 (2006)	22.8 (1930)	42.6
East Central	34.2	-5.0	17th Coolest	48.0 (1923)	24.8 (1918)	43.7
Southwest	35.7	-4.4	31st Coolest	48.1 (2006)	23.6 (1930)	44.5
South Central	36.8	-4.5	23rd Coolest	49.7 (1923)	27.5 (1930)	46.2
Southeast	37.7	-3.3	28th Coolest	48.7 (1907)	27.7 (1918)	46
Statewide	34.0	-4.3	26th Coolest	46.8 (2006)	23.7 (1940)	42.4

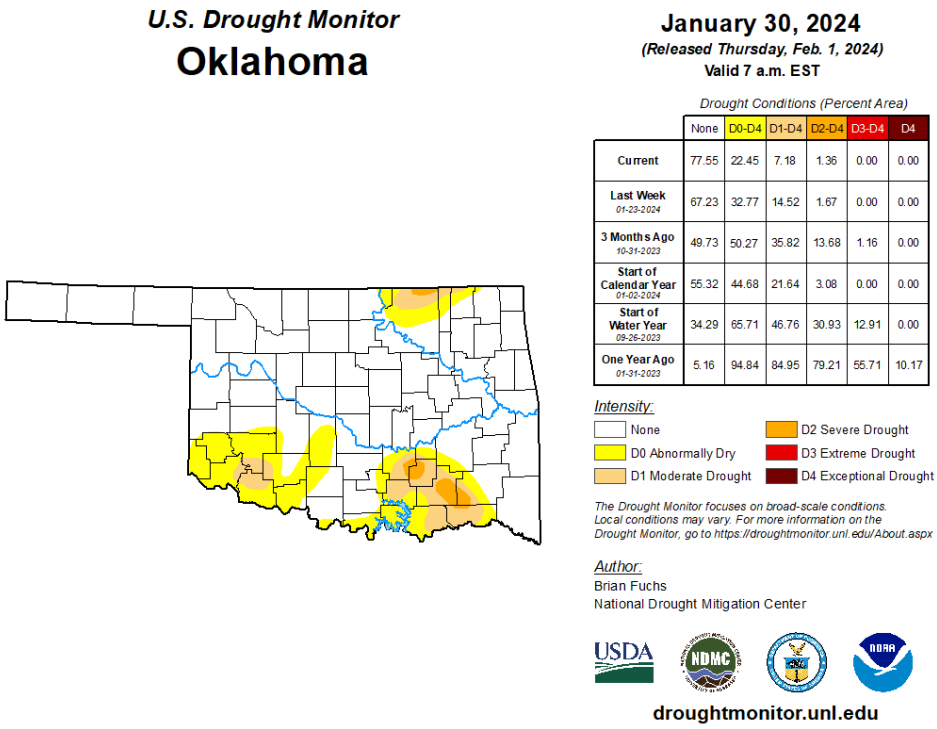
MESONET EXTREMES FOR JANUARY 2024

Climate Division	High Temp (F)	Day	Station	Low Temp (F)	Day	Station	High Monthly Rainfall (inches)	Station	High Daily Rainfall (inches)	Day	Station
Panhandle	72	29th	Arnett	-6	13th	Kenton	1.58	Arnett	0.60	26th	Boise City
North Central	74	29th	Seiling	-6	16th	Red Rock	2.02	Red Rock	0.63	5th	Cherokee
Northeast	74	31st	Pawnee	-15	16th	Vinita	3.88	Bixby	1.06	8th	Vinita
West Central	74	30th	Butler	-2	15th	Watonga	2.05	Butler	0.73	26th	Watonga
Central	75	31st	Bristow	-10	15th	Lake Carl Blackwell	3.81	Seminole	1.27	26th	Seminole
East Central	74	31st	Hectorville	-5	16th	Westville	4.03	Hectorville	1.10	8th	Hectorville
Southwest	73	30th	Medicine Park	0	15th	Hinton	3.05	Grandfield	1.13	26th	Grandfield
South Central	76	31st	Waurika	2	14th	Byars	3.49	Byars	1.69	26th	Waurika
Southeast	75	30th	Broken Bow	-2	16th	Wister	6.27	Broken Bow	2.28	22nd	Broken Bow
Statewide	**76**	**31st**	**Waurika**	**-15**	**16th**	**Vinita**	**6.27**	**Broken Bow**	**2.28**	**22nd**	**Broken Bow**

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



Author: Brian Fuchs, National Drought Mitigation Center

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)

JANUARY 30, 2024 (RELEASED THURSDAY, FEB. 1, 2024) VALID 7 A.M. EST

Period	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	77.55	22.45	7.18	1.36	0.00	0.00
Last Week 01-23-2024	67.23	32.77	14.52	1.67	0.00	0.00
3 Months Ago 10-31-2023	49.73	50.27	35.82	13.68	1.16	0.00
Start of Current Year 01-02-2024	55.32	44.68	21.64	3.08	0.00	0.00
Start of Water Year 09-26-2023	34.29	65.71	46.76	30.93	12.91	0.00
One Year Ago 01-31-2023	5.16	94.84	84.95	79.21	55.71	10.17

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.