

The unusually wet and mild weather Oklahoma enjoyed through much of May and June continued into July, providing the state with uncharacteristic summertime drought relief. The Southern Plains heat dome still managed to meander its way over Oklahoma for short periods, however, basting the state in intense heat and stifling humidity. The Oklahoma Mesonet site at Pauls Valley reached a network-record heat index of 126 degrees on July 13, besting the previous record of 125 degrees from Calvin back on Aug. 9, 1999. The Mesonet’s heat index records date back to 1997. Summer returned in earnest beginning July 23,

July 2023 Statewide Extremes

Description	Extreme	Station	Day
High Temperature	109°F	Grandfield	18, 19, 25
Low Temperature	55°F	Several	2, 3
High Precipitation	9.71 in.	Sallisaw	--
Low Precipitation	1.42 in.	Burneyville	--

extending through the end of the month with highs in the upper 90s and 100s. July was the first month since September 2022 without a tornado report in the state. The preliminary count through the first seven months of the year stood at 63, already above the 1951-2022 annual average of 57.3 tornadoes with five months remaining.

The statewide average rainfall total for the month was 5.19 inches, 1.99 inches above normal and ranked as the 13th wettest July since records began in 1895. Nearly the entire state finished the month with a surplus, save for localized areas across far southern and northern Oklahoma where deficits of up to an

inch were reported. The surplus rain totals from the eastern Panhandle through central Oklahoma were tremendous, however, at 3-7 inches above normal. Each of the 10 highest July rainfall totals were at Mesonet sites within that swath, from Woodward’s 9.71 inches to Norman’s 7.62 inches. The Panhandle, west central, and central Oklahoma all enjoyed top 10 wettest July rankings of sixth, third, and seventh, respectively. Sixty-one of the Mesonet’s 120 sites

July 2023 Statewide Statistics

Temperature

Period	Average	Departure	Rank (1895-2023)
Month (July)	81.0°F	-0.9°F	54th Coolest
Season-to-Date (Jun-Jul)	78.9°F	-0.7°F	58th Coolest
Year-to-Date (Jan-Jul)	60.5°F	0.5°F	30th Warmest

Precipitation

Period	Total	Departure	Rank (1895-2023)
Month (July)	5.19 in.	1.99 in.	13th Wettest
Season-to-Date (Jun-Jul)	9.48 in.	2.02 in.	26th Wettest
Year-to-Date (Jan-Jul)	22.83 in.	0.81 in.	43rd Wettest

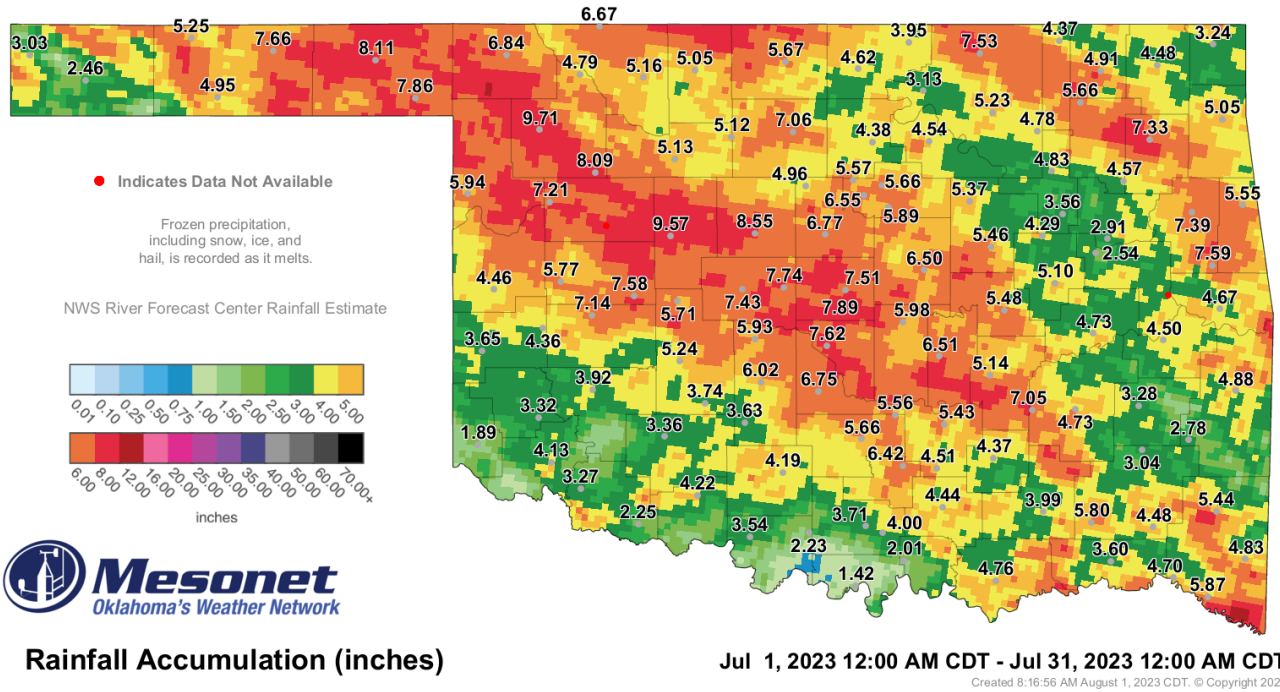
Departure from 30-year normal

recorded at least 5 inches of rain for the month, and another 31 saw at least 4 inches. Burneyville in far south central Oklahoma reported the lowest total at 1.42 inches. Grandfield and Hollis also received less than two inches during July at 1.94 and 1.89 inches, respectively. The January-July statewide average of 22.83 inches was 0.81 inches above normal and ranked as the 43rd wettest such period on record.

The statewide average temperature for the month was 81 degrees, 0.9 degrees below normal and ranked as the 54th Coolest July since records began in 1895. Grandfield recorded the month's highest temperature of 109 degrees on three separate days—July 18th, 19th, and 25th. The lowest reading of 55 degrees occurred at Eva and Kenton on July 2, and again at Eva on July 3. In addition to the 126 degrees at Pauls Valley, the Mesonet recorded heat index values of at least 110 degrees 346 times at its 120 sites during July. The highest recorded Oklahoma temperature of 2023 thus far was 113 degrees, recorded at Altus on June 28. The statewide average temperature for the first seven months of the year was 60.5 degrees, 0.5 degrees above normal and ranked as the 30th warmest January through July on record.

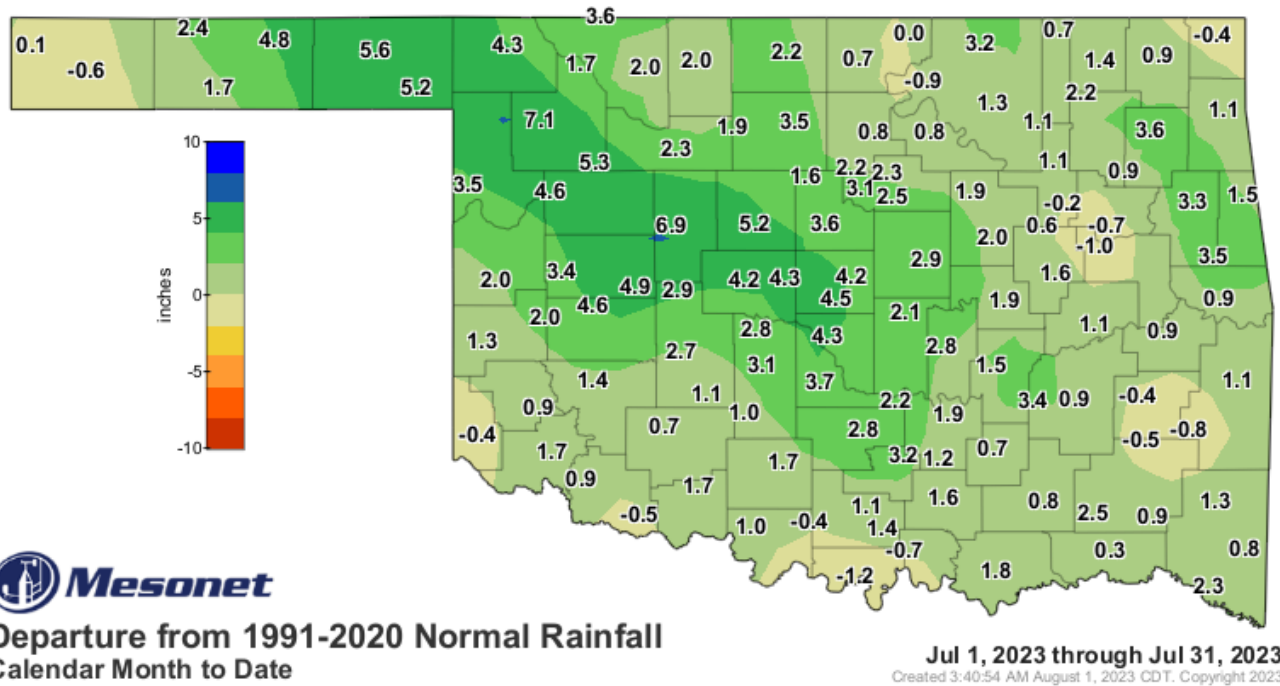
Drought coverage in Oklahoma dropped from 36% of the state at the end of June to about 18% at the end of July, leaving all but far southwestern and north central Oklahoma free of the climate hazard. Still, those regions remained in severe to extreme drought, exacerbated by longer-term deficits that stretch back to August 2021 and amplified by the summer of 2022's disastrous flash drought. The Climate Prediction Center's August outlooks show increased odds for above normal temperatures across the entire state, and above normal precipitation across far north central Oklahoma. CPC's corresponding August drought outlook sees it being relieved—and partially eradicated—across the area of drought in northern Oklahoma, but persisting across far southwestern sections of the state. However, no new areas of drought are expected to develop through August.

JULY 2023 OBSERVED PRECIPITATION



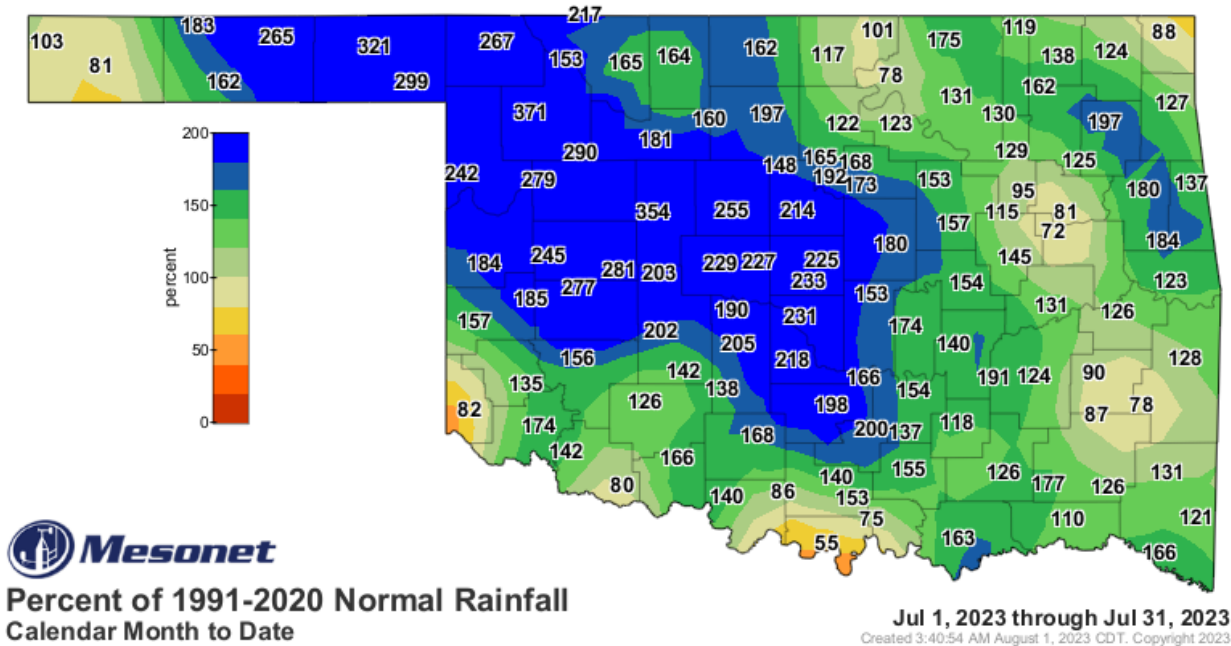
The accumulated rainfall for July provided much needed rain statewide. Burneyville received the least amount of rainfall with 1.42 in. and Woodward received the most with 9.71 in. Most sites saw at least 2 in. for the month.

JULY 2023 DEPARTURE FROM NORMAL PRECIPITATION



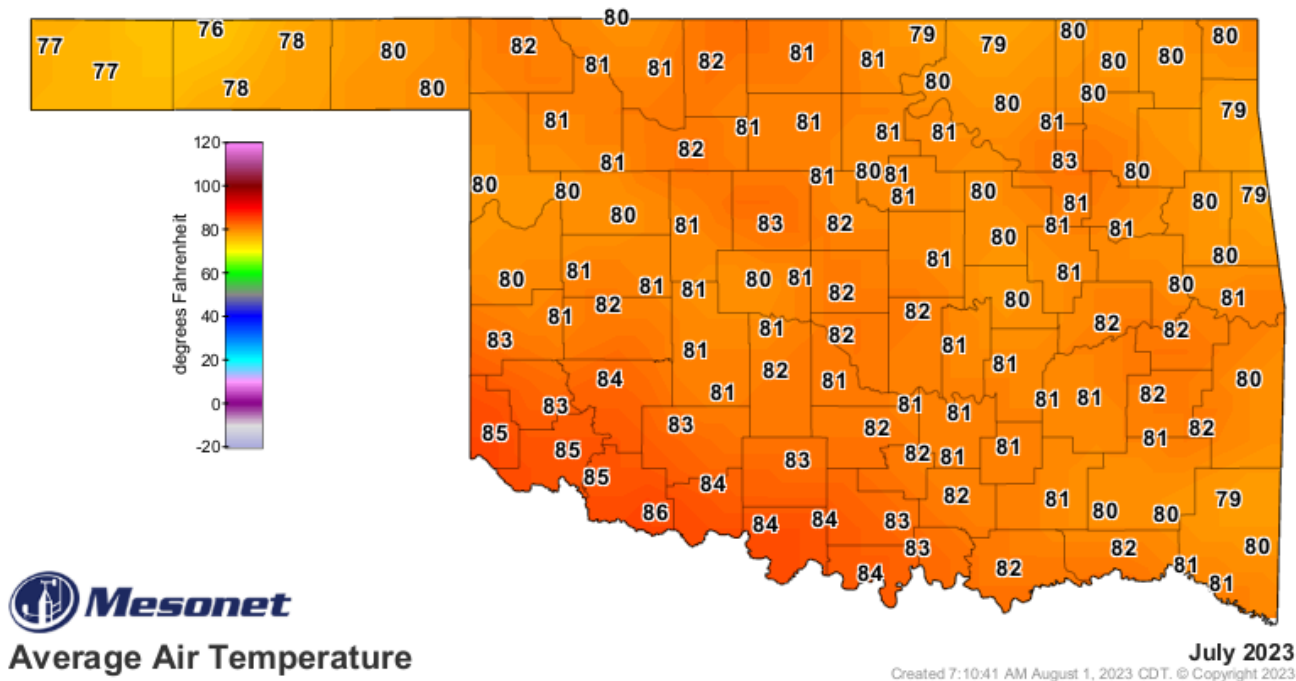
Comparing the July rainfall accumulation to the 1991 to 2020 normal rainfall, most sites were above normal with pockets below normal near Burneyville, Eufaula, Grandfield, Haskell, Hollis, and Miami. Burneyville had the highest deficit with 1.2 in. below normal. Woodward had the highest surplus with 7.1 in. above normal.

JULY 2023 PERCENT OF NORMAL PRECIPITATION



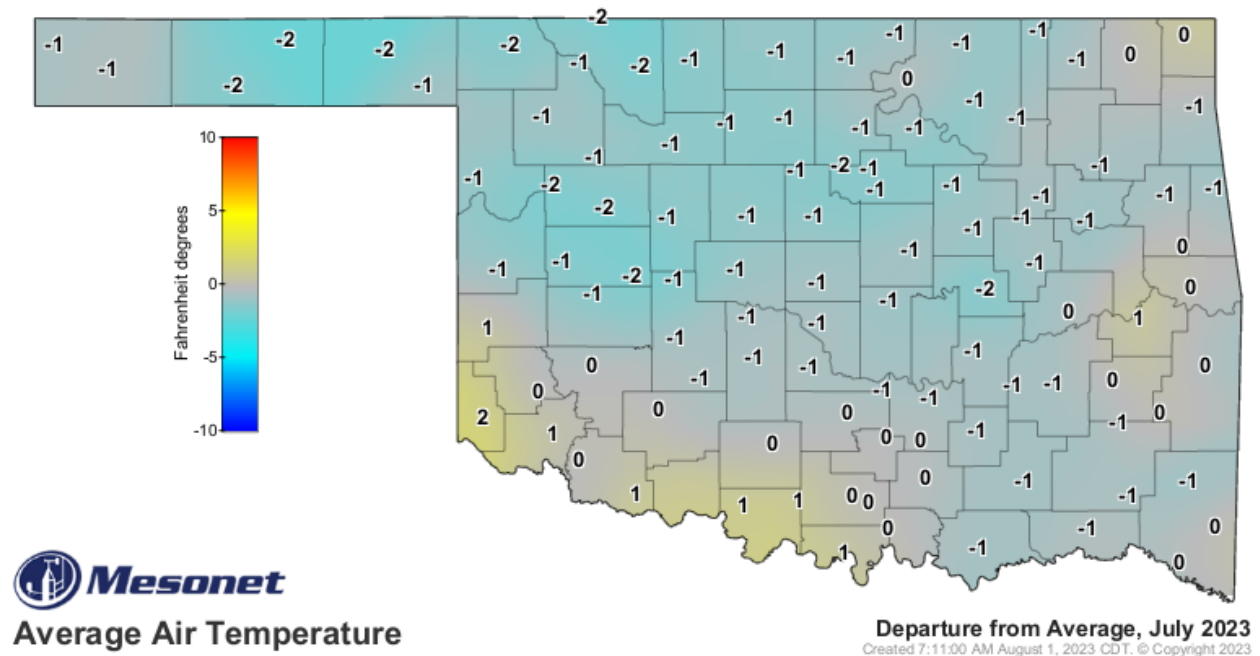
The Panhandle percent of normal ranged from 81% at Boise City to 321% of normal at Beaver. The largest increase occurred near Woodward where sites in the area ranged from 181% to 371%. The drier areas near Burneyville and Miami saw 55-88% of normal.

JULY AVERAGE TEMPERATURE IN DEGREES FAHRENHEIT



Temperatures ranged from the upper 70s in the panhandle to the mid 80s statewide.

JULY 2023 DEPARTURE FROM NORMAL TEMPERATURE



The temperature departures from normal ranged from -2°F to 2°F statewide. Nearly all sites were below normal with only Hollis seeing an increase by 2 degrees.

MESONET MONTHLY SUMMARY FOR JULY 2023

PANHANDLE

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Arnett	80.1	102	25	60	9	0	468	5.94	2.09	7
Goodwell	78.5	103	25	56	3	0	418	4.54	1.85	6
Beaver	79.6	101	25	58	9	0	452	8.11	1.92	6
Hooker	79.1	102	25	58	9	0	436	7.66	1.86	6
Boise City	77.1	103	25	57	1	0	374	2.41	.92	6
Kenton	77.2	103	25	55	2	0	380	3.03	1.03	2
Buffalo	81.7	105	18	60	9	0	517	6.84	2.26	21
Slapout	80.1	104	18	59	9	0	468	7.86	2.21	7
Eva	75.8	100	24	55	2	0	336	5.23	1.43	6

WEST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bessie	82.1	103	31	63	9	0	530	7.14	2.67	7
Erick	82.8	105	25	60	22	0	552	3.65	1.15	9
Butler	81.3	102	25	62	9	0	506	5.77	2.65	7
Putnam	80.2	100	30	62	9	***	***	7.49	2.97	9
Camargo	79.9	99	18	62	10	***	***	7.13	2.97	7
Watonga	81.5	101	31	62	9	0	510	9.57	2.62	11
Cheyenne	80.9	102	31	61	9	0	491	4.46	2.44	7
Weatherford	81.2	103	31	63	9	0	502	7.58	2.39	11
Elk City	81.2	103	25	62	1	***	***	4.36	1.91	7

NORTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Alva	81.2	102	31	62	10	0	502	5.16	1.76	21
May Ranch	80.1	101	25	60	9	0	468	6.67	2.35	21
Blackwell	81.1	103	18	62	10	0	498	4.62	1.75	5
Medford	81.6	105	18	62	2	0	515	5.67	2.50	21
Breckinridge	81.5	102	31	61	10	0	511	7.06	2.61	11
Newkirk	79.9	101	18	62	10	0	462	3.95	1.43	5
Cherokee	82.2	105	18	62	2	0	534	5.05	1.74	21
Red Rock	81.4	103	18	61	10	0	509	4.38	1.55	21
Fairview	82.8	103	18	62	10	0	551	5.13	1.56	9
Seiling	81.0	101	18	61	10	0	497	8.08	1.95	7
Freedom	81.5	105	25	61	2	0	512	4.79	1.61	21
Woodward	81.1	100	18	61	9	0	499	9.71	3.08	11
Lahoma	81.3	103	18	62	10	0	504	5.12	1.67	11

CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Acme	***	***	***	***	***	***	***	3.63	1.19	9
Norman	82.6	102	25	65	10	0	546	7.62	3.56	9
Bristow	80.0	97	30	61	10	0	464	5.46	1.55	9
Oilton	80.6	99	30	61	10	0	483	5.37	1.85	3
Lake Carl Blac	80.4	100	28	60	10	0	476	5.57	1.66	11
OKC East	82.8	100	31	63	22	0	552	7.89	2.80	9
Chandler	81.1	98	30	63	22	0	499	6.50	1.36	7
Okemah	80.4	99	30	63	23	0	477	5.48	2.02	11
Chickasha	82.4	105	31	61	23	0	540	6.02	2.32	11
Perkins	81.5	100	25	63	10	0	511	5.89	2.01	11
El Reno	80.3	99	25	59	10	0	475	7.43	3.23	9
Seminole	81.2	97	30	64	23	0	501	6.51	3.10	11
Guthrie	82.3	100	31	64	10	0	538	6.77	1.85	7
Shawnee	82.0	100	25	64	22	0	527	5.98	3.01	11
Kingfisher	82.7	105	31	63	10	0	549	8.55	2.68	7
Spencer	81.8	99	25	63	22	0	522	7.51	3.25	11
Marena	80.5	98	18	63	10	0	480	6.55	1.80	11
Stillwater	81.6	100	18	62	10	0	514	5.66	1.21	11
Minco	81.6	101	31	65	22	0	514	5.93	2.13	9
Washington	81.7	100	18	63	23	0	517	6.75	3.17	11
Marshall	81.8	101	30	63	10	0	521	4.96	1.22	21
Yukon	81.0	100	31	63	22	0	496	7.74	3.33	9

NORTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bixby	81.2	100	30	62	10	0	503	3.56	.93	8
Pawnee	81.0	101	18	62	10	***	***	4.54	1.10	21
Burbank	80.8	103	18	59	10	0	490	3.13	1.35	21
Porter	80.9	100	30	63	10	0	494	2.91	.57	21
Copan	80.0	99	30	60	10	0	465	4.37	1.39	14
Pryor	***	***	***	***	***	***	***	7.33	3.51	14
Foraker	79.0	98	18	60	10	0	434	7.53	3.56	14
Skiatook	81.2	99	30	65	9	0	502	4.78	1.78	14
Inola	80.7	98	30	63	22	0	486	4.57	1.81	14
Talala	80.4	99	29	62	10	0	479	5.66	2.25	14
Jay	79.3	96	12	61	22	0	444	5.06	2.09	13
Tulsa	82.6	100	18	65	10	0	547	4.83	1.34	13
Miami	80.6	101	12	59	10	0	485	3.29	1.54	13
Vinita	79.8	99	18	57	10	0	459	4.48	2.53	14
Nowata	79.9	99	18	58	10	0	462	4.91	2.95	14
Wynona	80.5	101	30	62	10	0	479	5.23	1.82	21

EAST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Cookson	80.6	98	18	61	22	0	484	7.59	5.63	14
Sallisaw	81.5	100	18	64	23	0	510	4.67	1.70	9
Eufaula	82.3	99	30	66	22	0	536	4.73	1.84	6
Stigler	82.1	100	30	64	23	0	531	4.50	1.90	6
Haskell	80.8	100	30	63	23	***	***	2.54	.58	6
Stuart	81.2	98	30	65	23	0	503	7.05	2.33	9
Hectorville	81.5	100	31	64	10	0	510	4.29	1.20	3
Tahlequah	79.9	96	30	62	22	0	462	7.39	3.56	14
Holdenville	81.5	98	30	64	22	0	510	5.14	2.22	9
Webbers Falls	80.7	101	30	61	23	***	***	***	***	***
McAlester	81.1	99	30	62	23	0	500	4.73	2.11	9
Westville	79.1	95	18	62	22	0	437	5.55	3.36	14
Okmulgee	80.9	99	30	63	23	0	492	5.10	2.36	9

SOUTHWEST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Altus	84.9	107	31	64	23	0	618	4.09	1.54	3
Hollis	85.4	108	18	65	9	0	632	1.89	.70	7
Apache	81.7	101	31	64	22	0	516	3.74	1.28	7
Mangum	82.9	106	31	59	23	0	556	3.32	1.38	9
Fort Cobb	81.6	102	31	64	22	0	514	5.24	1.77	11
Medicine Park	83.4	104	31	65	9	0	570	3.31	1.79	7
Grandfield	86.1	109	18	64	23	***	***	1.94	1.10	9
Tipton	84.8	106	30	63	23	***	***	3.19	1.38	9
Hinton	81.0	102	25	63	9	0	495	5.71	1.60	11
Walters	84.1	105	31	65	23	0	593	4.19	1.38	3
Hobart	83.7	107	24	63	23	0	579	3.91	1.69	7

SOUTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Ada	82.0	100	30	62	23	0	526	5.43	2.70	11
Lane	81.4	100	30	62	23	0	509	3.99	2.10	11
Ardmore	83.3	104	18	64	23	0	568	4.00	2.22	11
Madill	83.3	103	31	62	23	0	568	2.01	.88	11
Burneyville	83.9	107	31	57	23	0	587	1.42	.74	9
Newport	83.6	105	31	65	23	0	576	3.71	2.14	11
Byars	82.0	99	31	65	22	0	527	5.56	1.87	9
Pauls Valley	83.1	102	19	65	23	0	560	5.66	3.27	11
Centrahoma	81.3	99	30	62	23	0	505	4.37	2.23	11
Ringling	84.6	108	18	63	23	0	608	2.23	.76	3
Durant	82.4	100	31	64	23	0	539	4.76	2.09	11
Sulphur	82.2	99	30	61	23	0	534	6.42	4.62	11
Fittstown	81.2	98	31	61	23	0	503	4.51	2.15	11
Tishomingo	81.8	100	31	63	23	0	520	4.44	2.44	11
Ketchum Ranch	83.4	105	31	64	23	0	572	4.19	1.61	7
Waurika	84.6	107	31	62	23	0	607	3.54	1.03	7

SOUTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Antlers	80.5	98	30	61	23	0	481	5.80	3.23	11
Mt Herman	79.7	97	30	62	23	0	455	5.44	1.88	9
Broken Bow	80.8	98	30	63	23	0	491	4.83	1.57	6
Talihina	82.1	104	30	60	23	0	530	2.78	1.20	11
Clayton	81.5	101	30	61	23	0	512	3.04	2.15	9
Valliant	81.6	98	30	63	23	0	516	4.70	1.09	16
Cloudy	80.6	98	30	61	23	0	484	4.48	1.37	8
Wilburton	81.6	101	30	60	23	0	514	3.28	1.44	9
Hugo	82.3	98	30	65	23	0	535	3.60	1.98	11
Wister	80.6	100	30	62	23	0	484	4.88	1.50	11
Idabel	82.2	99	30	65	23	0	533	5.87	2.58	8

2023 STATEWIDE PRECIPITATION MONTHLY TOTALS VS. NORMAL IN INCHES

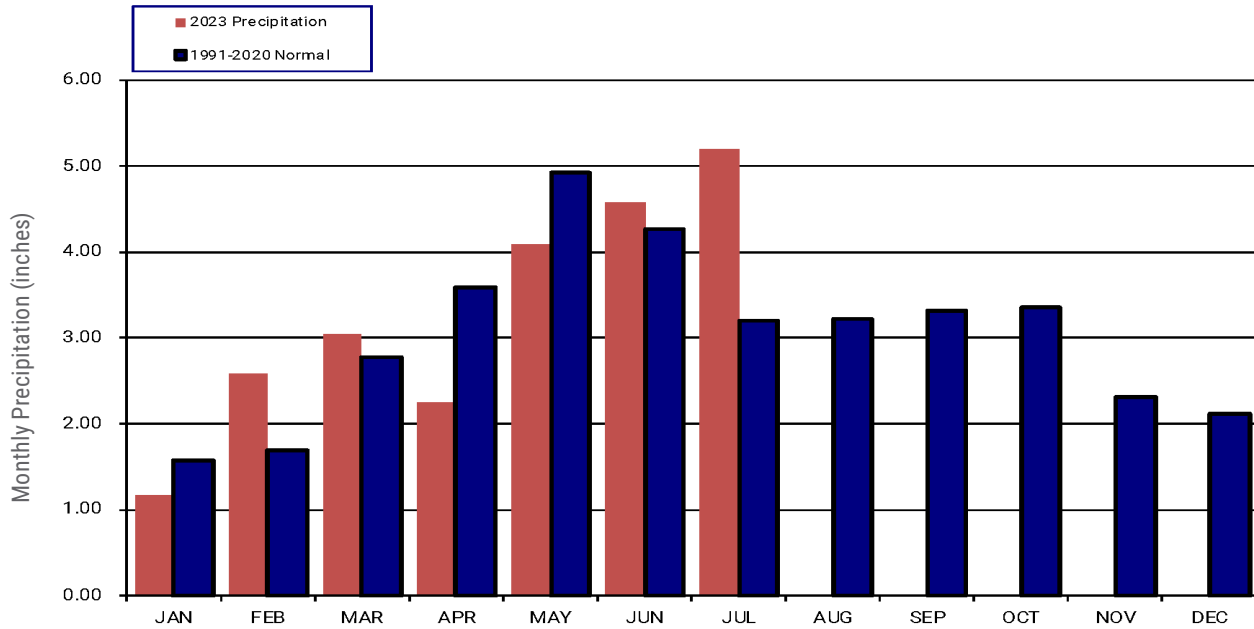


TABLE OF 2023 STATEWIDE PRECIPITATION MONTHLY TOTALS AND NORMALS IN INCHES

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	--	--	--	--	--
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

JULY 2023 MESONET PRECIPITATION COMPARISON

Climate Division	Precipitation (inches)	Departure from Normal (inches)	Rank since 1895	Wettest on Record (Year)	Driest on Record (Year)	Jul-22 (inches)
Panhandle	5.74	2.98	6th Wettest	8.81 (1950)	0.44 (1983)	2.72
North Central	5.80	2.51	7th Wettest	8.59 (1950)	0.12 (1983)	2.87
Northeast	4.76	0.97	30th Wettest	9.52 (1959)	0.28 (1946)	2.05
West Central	6.21	3.64	3rd Wettest	7.63 (1950)	0.04 (1983)	1.73
Central	6.35	2.97	7th Wettest	9.61 (1950)	0.16 (1980)	1.13
East Central	5.27	1.51	25th Wettest	10.03 (1950)	0.36 (1993)	1.92
Southwest	3.68	1.20	25th Wettest	6.60 (1950)	0.03 (1980)	0.63
South Central	4.14	1.23	31st Wettest	8.46 (1950)	0.11 (1998)	0.38
Southeast	4.43	0.72	39th Wettest	12.47 (1950)	0.19 (1993)	0.98
Statewide	5.19	1.99	13th Wettest	9.07 (1950)	0.42 (1980)	1.61

2023 STATEWIDE TEMPERATURE MONTHLY TOTALS VS. NORMAL IN DEGREES FAHRENHEIT

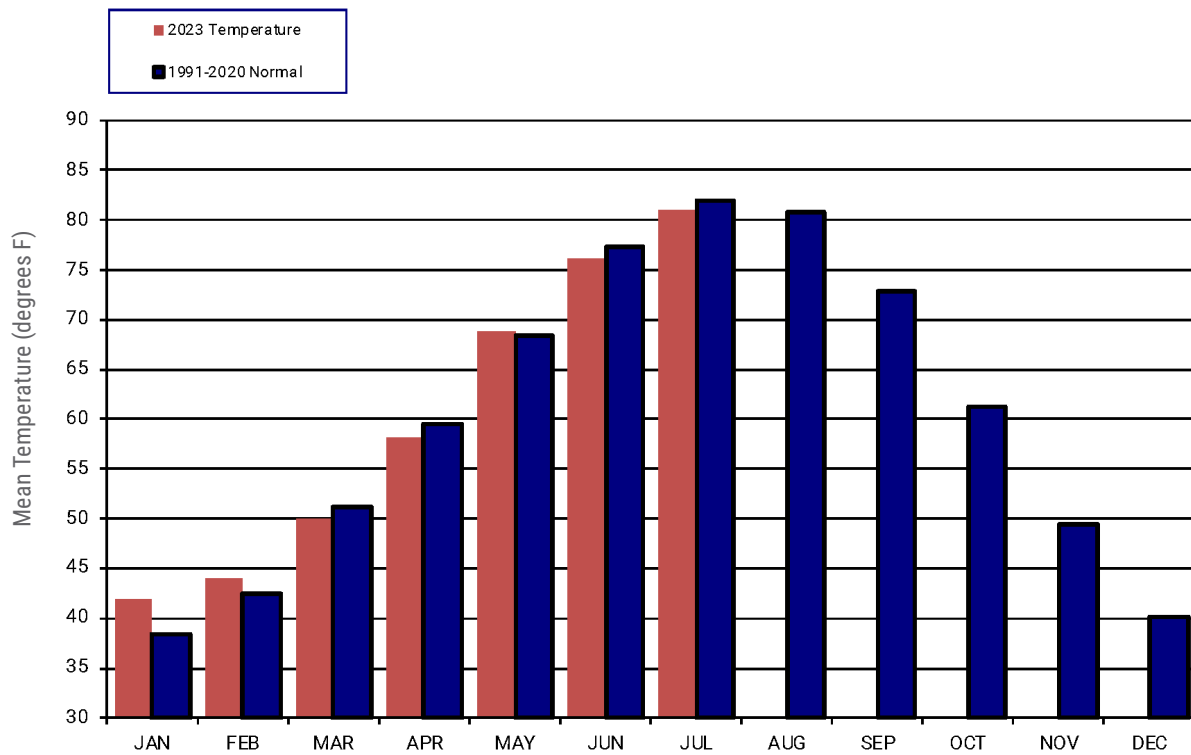


TABLE OF 2023 STATEWIDE TEMPERATURE MONTHLY TOTALS AND NORMALS IN DEGREES FAHRENHEIT

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	--	--	--	--	--
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

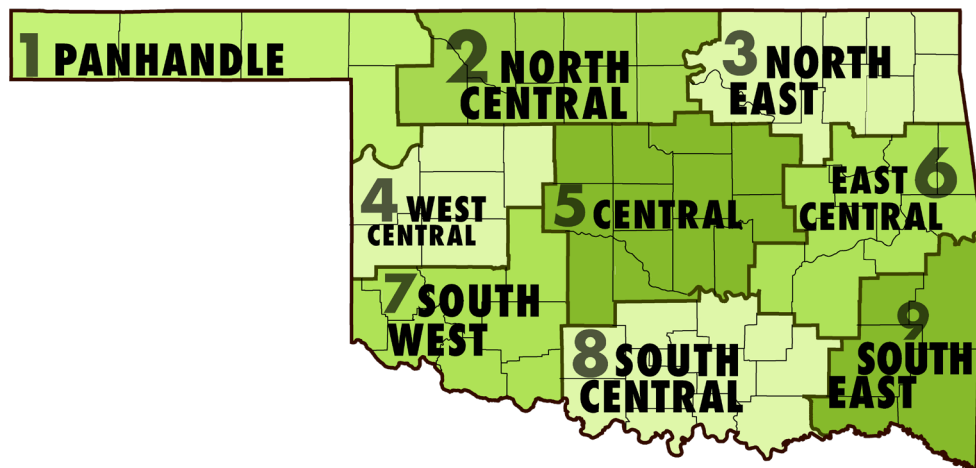
JULY 2023 MESONET TEMPERATURE COMPARISON

Climate Division	Average Temp (F)	Departure from Normal (F)	Rank since 1895	Hottest on Record (Year)	Coldest on Record (Year)	Jul-22 (F)
Panhandle	78.8	-1.0	50th Coolest	86.0 (1934)	72.8 (1906)	83.4
North Central	81.3	-0.9	57th Coolest	89.6 (2011)	75.9 (1950)	86.2
Northeast	80.4	-0.8	50th Coolest	89.3 (1954)	75.4 (1950)	85.7
West Central	80.1	-2.2	37th Coolest	89.6 (2011)	75.8 (1906)	87.0
Central	81.4	-1.0	53rd Coolest	90.2 (2011)	76.7 (1950)	86.9
East Central	80.0	-1.6	36th Coolest	88.9 (2011)	76.2 (1906)	86.6
Southwest	83.1	-0.7	63rd Coolest	91.7 (2011)	78.0 (1908)	88.8
South Central	82.8	-0.2	64th Warmest	90.5 (2011)	77.9 (1950)	88.2
Southeast	81.2	0.1	53rd Warmest	87.5 (2011)	76.0 (1905)	86.9
Statewide	81.0	-0.9	54th Coolest	89.2 (2011)	76.3 (1906)	86.6

MESONET EXTREMES FOR JULY 2023

Climate Division	High Temp (F)			Low Temp (F)			High Monthly Rainfall (inches)		High Daily Rainfall (inches)		
	Temp (F)	Day	Station	Temp (F)	Day	Station	Temp (F)	Day	Temp (F)	Day	Station
Panhandle	105	18th	Buffalo	55	2nd	Eva	8.11	Beaver	2.26	21st	Buffalo
North Central	105	18th	Cherokee	60	9th	May Ranch	9.71	Woodward	3.08	11th	Woodward
Northeast	103	18th	Burbank	57	10th	Vinita	7.53	Foraker	3.56	14th	Foraker
West Central	105	25th	Erick	60	22nd	Erick	9.57	Watonga	2.97	7th	Camargo
Central	105	31st	Kingfisher	59	10th	El Reno	8.55	Kingfisher	3.56	9th	Norman
East Central	101	30th	Webbers Falls	61	22nd	Cookson	7.59	Cookson	5.63	14th	Cookson
Southwest	109	18th	Grandfield	59	23rd	Mangum	5.71	Hinton	1.79	7th	Medicine Park
South Central	108	18th	Ringling	57	23rd	Burneyville	6.42	Sulphur	4.62	11th	Sulphur
Southeast	104	30th	Talihina	60	23rd	Talihina	5.87	Idabel	3.23	11th	Antlers
Statewide	109	18th	Grandfield	55	2nd	Eva	9.71	Woodward	5.63	14th	Cookson

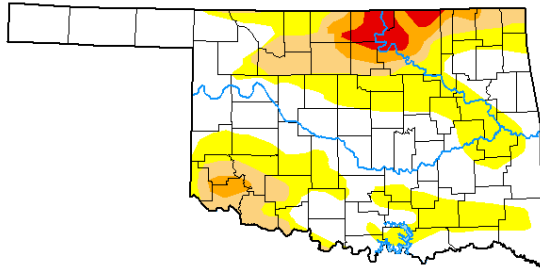
Oklahoma Climate Divisions



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

**U.S. Drought Monitor
Oklahoma**

July 25, 2023
(Released Thursday, Jul. 27, 2023)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	52.39	47.61	17.76	6.64	2.58	0.00
Last Week 07-18-2023	49.93	50.07	20.32	7.31	3.23	0.00
3 Months Ago 04-25-2023	35.48	64.52	54.07	49.87	43.19	20.62
Start of Calendar Year 01-03-2023	1.82	98.18	89.73	80.92	56.13	11.65
Start of Water Year 09-27-2022	0.00	100.00	99.88	94.44	64.44	17.25
One Year Ago 07-26-2022	0.00	100.00	99.81	92.11	37.45	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:
Brian Fuchs
National Drought Mitigation Center



droughtmonitor.unl.edu

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)

JULY 25, 2023 (RELEASED THURSDAY, JUL. 27, 2023) VALID 8 A.M. EDT

Period	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	52.39	47.61	17.76	6.64	2.58	0.00
Last Week 07-18-2023	49.93	50.07	20.32	7.31	3.23	0.00
3 Months Ago 04-25-2023	35.48	64.52	54.07	49.87	43.19	20.62
Start of Current Year 01-03-2023	1.82	98.18	89.73	80.92	56.13	11.65
Start of Water Year 09-27-2022	0.00	100.00	99.88	94.44	64.44	17.25
One Year Ago 07-26-2022	0.00	100.00	99.81	92.11	37.34	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 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/>



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