Oklahoma Monthly Climate Summary

OCTOBER 2022

OKLAHOMA CLIMATOLOGICAL SURVEY

Drought held on through October in Oklahoma for the fifteenth consecutive month, its roots dating back to August 2021 and boosted by additional flash drought conditions beginning in June 2022. The drought's severity and coverage peaked in mid-October, its impacts varied and extreme. Dead and dormant vegetation led to almost daily fights with wildfires for fire departments in all regions of the state. The farm and ranch community battled dwindling sources of food and water for livestock, as well as planting the state's winter wheat crop into desiccated soils—a somewhat desperate act known as "dusting in" with hopes of future rainfall to germinate the seeds. The percentage of the state's topsoils considered "short to very short" by the USDA had risen to 98%, the worst such conditions seen in the state since 2011. The amount of pasture and range conditions rated "poor to very poor" by the USDA climbed to 80% by the end of the month. Extreme and exceptional drought—the worst two categories on the U.S. Drought Monitor's intensity scale—had risen to 86% of the state by mid-month, the highest such levels since Feb. 19, 2013. Some relief was found in the southern half of the state thanks to three successive storm systems during October, but northern Oklahoma was mostly left wanting for moisture. Northwestern Oklahoma was particularly dry, with many of the Oklahoma Mesonet sites in that area recording less than a quarter-inch of rain for the month. Extreme and exceptional drought had decreased to 70% after the rains, but the entire state was still entrenched in some level of drought at the end of October.

The statewide average precipitation total for the month was 2.91 inches, 0.45 inches below normal and ranked as the 58th wettest October since records began in 1895. Widespread totals of 3-5 inches were reported across southern and eastern Oklahoma, but the northern half of the state generally saw 1-2 inches. The vast differences in fortune within the state were illustrated by southwest Oklahoma's 23rd wettest October at 1.36 inches above normal, and the Panhandle's 21st driest with a deficit of 1.47 inches. The Mesonet site at Valliant led the state with 7 inches

October 2022 Statewide Extremes

Description	Extreme	Station	Day
High Temperature	96°F	Grandfield	22
Low Temperature	17°F	Nowata, Vinita	19
High Precipitation	7 in.	Valliant	--
Low Precipitation	0.13 in.	Buffalo	--

October 2022 Statewide Statistics

Temperature

Period	Average	Departure	Rank (1895-2022)
Month (October)	61.9°F	0.6°F	59th Warmest
Season-to-Date (Sep-Oct)	68.7°F	1.7°F	31st Warmest
Year-to-Date (Jan-Oct)	64.5°F	1°F	21st Warmest

Precipitation

Period	Total	Departure	Rank (1895-2022)
Month (October)	2.91 in.	-0.45 in.	58th Wettest
Season-to-Date (Sep-Oct)	3.63 in.	-3.05 in.	22nd Driest
Year-to-Date (Jan-Oct)	24.94 in.	-6.99 in.	25th Driest

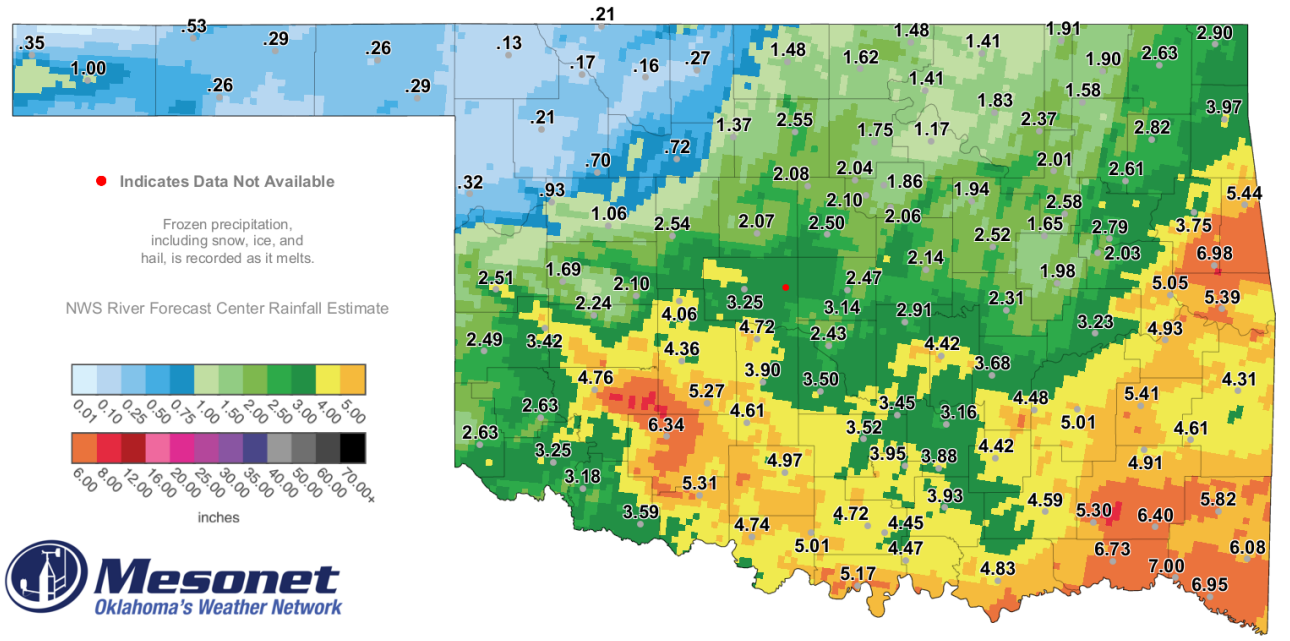
Departure from 30-year normal

of rain, and another 36 sites recorded at least 4 inches. Buffalo had the lowest total at 0.13 inches, and another 16 sites reported an inch or less. The first 10 months of the year were the 25th driest on record with a statewide average of 24.94 inches, 6.99 inches below normal.

The statewide average temperature of 61.9 degrees was 0.6 degrees above normal and ranked as the 59th warmest October since records began in 1895. Those numbers were a bit misleading, however. Mesonet data show that high temperatures across the state were generally above average while low temperatures were below average—the warm afternoons versus cool mornings leading to the somewhat muted statewide average temperature statistics. The Mesonet recorded temperatures of 90 degrees on eight separate days in October, with the state's highest reading of 96 degrees coming on the 22nd at Grandfield. The first freeze of the season occurred in northern Oklahoma on October 17 when several sites slipped below 32 degrees. All but 18 of the Mesonet's 120 sites had at least touched the freezing mark by the end of October. The state's lowest temperature of the month was 17 degrees at Nowata and Vinita on the 19th. The first 10 months of the year were a degree above normal at 64.5 degrees, the 21st warmest January-October statewide on record.

The Climate Prediction Center's November outlooks show possible good news for Oklahoma over the next month. While the temperature outlook indicates increased odds for above normal temperatures across the entire state, the precipitation outlook shows increased odds of above normal moisture across the eastern two-thirds of Oklahoma. That leads to a November drought outlook with drought improving—although remaining—for all but extreme western Oklahoma and the Panhandle, where the drought's intensity is expected to remain at current levels.

OCTOBER 2022 OBSERVED PRECIPITATION



31-Day Rainfall Accumulation (inches)

Oct 1, 2022 12:00 AM CDT - Nov 1, 2022 12:00 AM CDT

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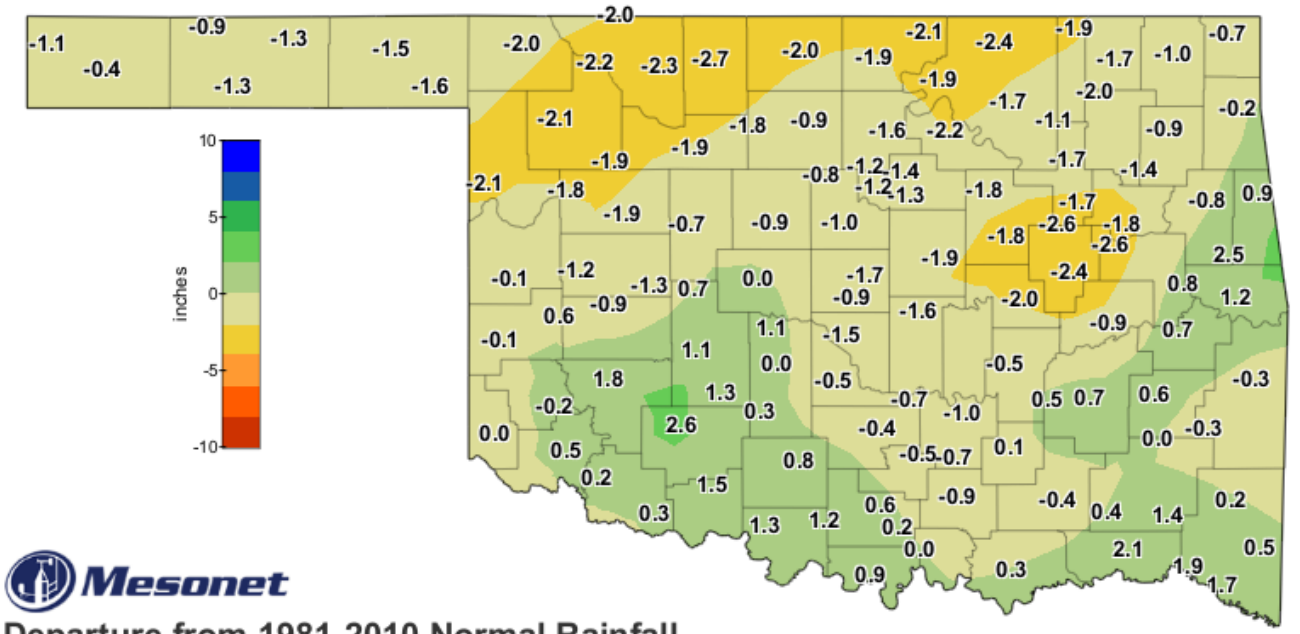
The accumulated rainfall for October varied from a low of 0.26 inches in the panhandle to a high of 7 inches in southeastern Oklahoma. The highest rainfall area was from Westville in eastern Oklahoma south to the border through Ardmore staying south of Cleveland County then west over toward Hobart and Hinton.

OCTOBER 2022 DEPARTURE FROM NORMAL PRECIPITATION



Departure from 1981-2010 Normal Rainfall
Calendar Month to Date

Oct 1, 2022 through Oct 31, 2022

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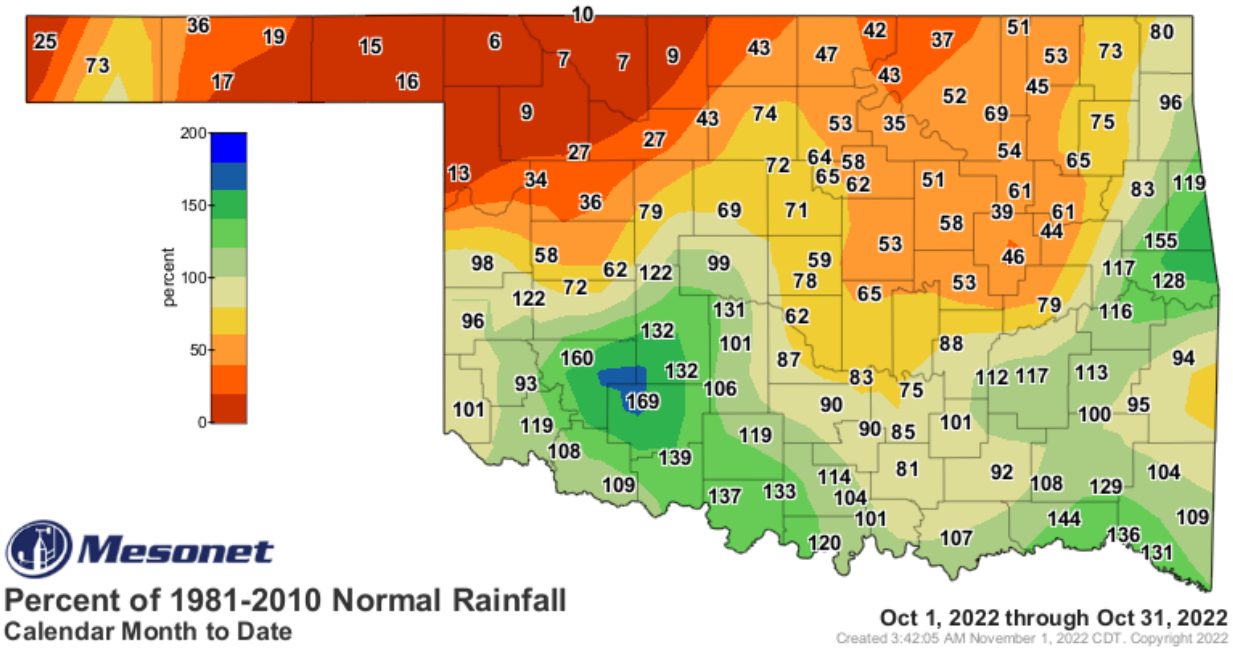
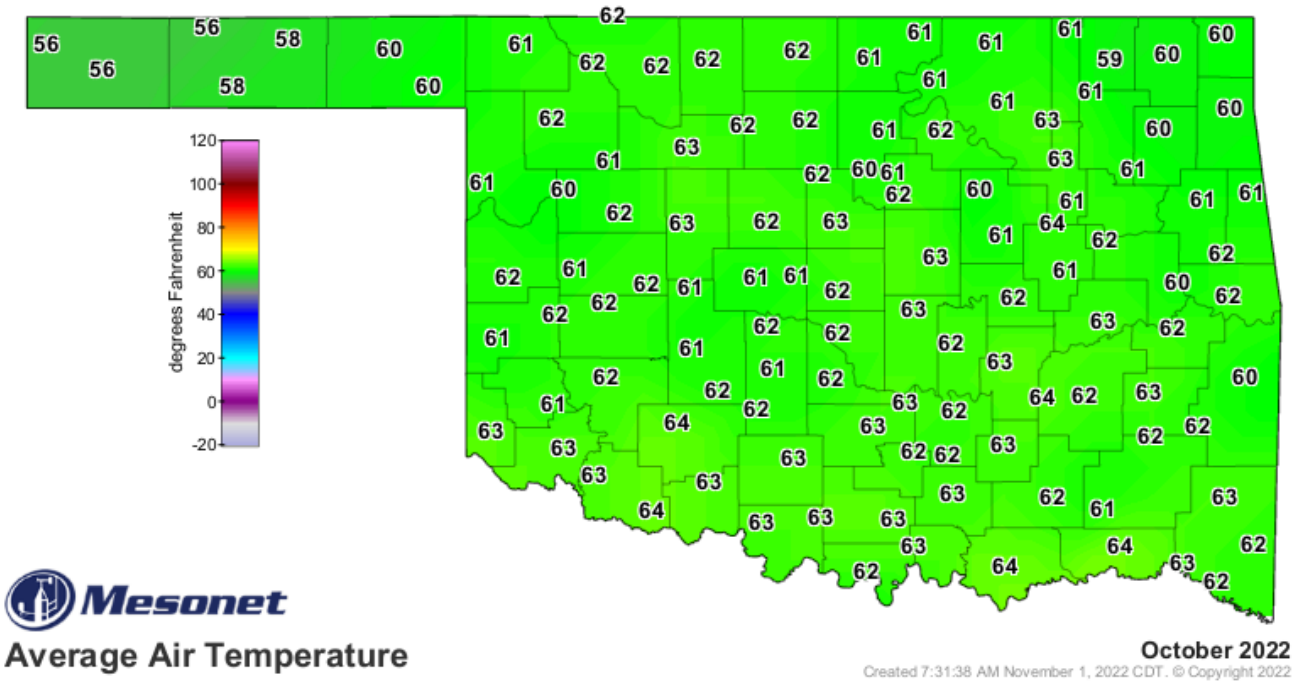
Comparing the rainfall accumulation to the 1981-2010 normal rainfall saw most sites below normal by as much as -2.7 inches. The areas receiving 3 inches or more had departure values ranging from -0.2 to +2.6 inches.

OCTOBER 2022 PERCENT OF NORMAL PRECIPITATION



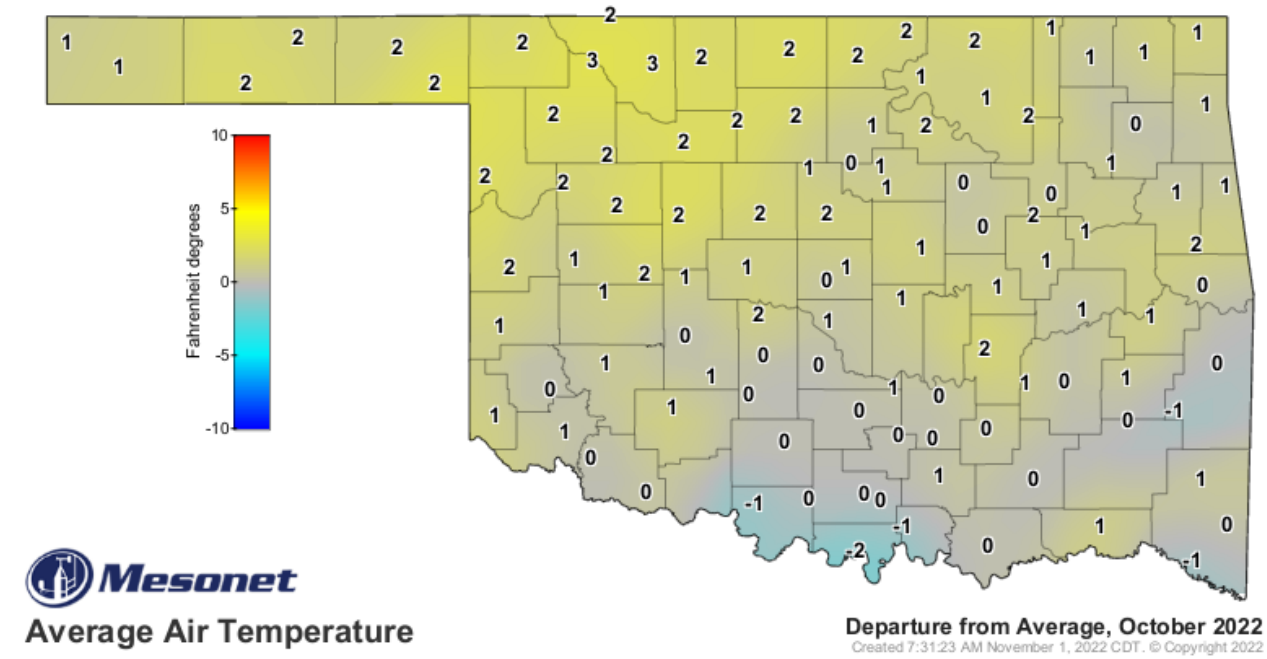
The panhandle and northwestern Oklahoma received between 6% and 73% with Goodwell receiving the most at 73% of normal rainfall. The rest of the state ranged from 35% to 169% of normal rainfall. Just north of Medicine Park was the big winner with 160-169% of normal rainfall.

OCTOBER 2022 AVERAGE TEMPERATURE IN DEGREES FAHRENHEIT



Temperatures ranged from the upper 50s in the panhandle to the low 60s for the rest of the state.

OCTOBER 2022 DEPARTURE FROM NORMAL TEMPERATURE



The range of temperature departures from normal ranged from -2°F to 3°F. The warmest areas were in north central and western Oklahoma. Cooler temperatures occurred near Burneyville.

MESONET MONTHLY SUMMARY FOR OCTOBER 2022

PANHANDLE

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Arnett	61.6	91	21	31	19	157	51	.32	.16	24
Beaver	60.1	91	1	30	19	192	40	.26	.19	24
Boise City	56.0	86	22	26	25	287	9	1.00	.61	5
Buffalo	61.2	93	21	26	19	167	48	.13	.13	24
Eva	56.9	89	22	27	26	270	19	.53	.43	4
Goodwell	58.7	89	22	29	25	228	34	.26	.18	5
Hooker	58.3	92	1	27	25	235	26	.29	.21	4
Kenton	55.6	86	22	23	25	303	12	.35	.23	4
Slapout	61.5	90	21	33	18	157	50	.29	.25	24

NORTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Alva	61.9	94	21	27	19	152	56	.16	.16	24
Blackwell	61.3	92	21	23	19	169	55	1.62	1.29	24
Breckinridge	62.0	94	21	25	19	156	61	2.55	2.07	24
Cherokee	61.9	93	21	28	19	151	55	.27	.23	24
Fairview	63.3	94	22	29	19	137	83	.72	.66	24
Freedom	62.2	94	21	31	19	148	62	.17	.17	24
Lahoma	62.3	93	21	28	19	148	65	1.37	1.14	24
May Ranch	62.0	93	21	33	17	155	63	.21	.21	24
Medford	61.9	92	21	26	19	156	60	1.48	1.26	24
Newkirk	61.3	90	21	27	18	171	56	1.48	1.01	24
Red Rock	61.6	93	21	23	19	159	54	1.75	1.33	24
Seiling	61.4	92	22	26	19	165	54	.70	.60	24
Woodward	62.1	92	21	31	18	148	59	.21	.19	24

NORTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bixby	61.6	90	21	23	19	152	45	2.58	.87	24
Burbank	61.0	93	21	21	19	171	46	1.41	.84	24
Copan	61.0	88	21	21	19	168	45	1.91	1.04	24
Foraker	61.3	90	21	24	19	166	52	1.41	.63	24
Inola	61.2	88	5	20	19	162	44	2.61	1.32	24
Jay	60.2	86	5	19	19	192	42	3.97	2.32	24
Miami	60.3	88	5	19	19	186	40	2.90	1.74	24
Nowata	59.6	88	5	17	19	200	34	1.90	1.20	24
Pawnee	62.4	92	21	22	19	146	65	1.17	.70	24
Porter	62.4	92	15	25	19	140	61	2.79	1.41	24
Pryor	59.7	89	5	18	19	199	36	2.82	1.33	24
Skiatook	63.0	89	21	24	19	133	71	2.37	1.31	24
Talala	61.7	89	5	23	19	158	54	1.58	.94	24
Tulsa	63.1	89	21	28	19	127	68	2.01	.96	24
Vinita	60.2	88	5	17	19	191	40	2.63	1.59	24
Wynona	61.8	91	21	21	19	153	54	1.83	.78	24

WEST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bessie	62.8	93	22	34	18	144	75	2.24	1.20	24
Butler	61.6	93	22	29	19	160	54	1.69	.67	24
Camargo	60.4	92	22	28	19	176	35	.93	.51	15
Cheyenne	62.3	88	22	36	19	153	70	2.51	.84	15
Elk City	62.7	91	22	36	19	140	68	3.42	1.22	24
Erick	61.4	92	22	33	19	162	51	2.49	1.18	24
Putnam	62.3	91	22	32	19	149	64	1.06	.53	24
Watonga	63.3	92	22	34	18	139	86	2.54	1.08	24
Weatherford	63.1	92	22	35	18	142	81	2.10	.93	24

CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Acme	62.1	92	22	29	19	153	64	4.61	1.47	24
Bristow	60.7	91	21	20	19	172	39	2.52	1.76	24
Lake Carl Blac	60.4	93	21	22	19	184	40	2.04	1.18	24
Chandler	62.9	92	15	25	19	135	68	2.14	1.12	24
Chickasha	61.8	94	22	30	19	149	50	3.90	1.41	24
El Reno	61.0	93	22	26	19	175	51	3.25	2.04	24
Guthrie	63.3	91	22	28	19	135	81	2.50	1.15	24
Kingfisher	62.7	94	22	27	19	140	67	2.07	1.61	24
Marena	62.6	92	21	27	19	142	67	2.10	1.30	24
Minco	62.8	91	22	36	18	144	75	4.72	1.93	24
Marshall	62.2	92	21	26	19	147	60	2.08	1.25	24
Norman	62.6	91	22	32	19	138	63	2.43	1.19	24
Oilton	60.7	91	21	21	19	178	44	1.94	.99	24
OKC East	62.1	91	15	30	19	149	59	3.14	1.68	24
Okemah	62.3	94	15	22	19	140	56	2.31	1.12	24
Perkins	62.8	92	21	26	19	136	68	2.06	1.08	24
Seminole	62.4	92	15	28	19	137	55	4.42	1.79	24
Shawnee	62.9	91	15	29	19	134	70	2.91	1.33	24
Spencer	62.8	91	15	28	19	149	80	2.47	1.43	24
Stillwater	61.8	92	21	24	19	148	50	1.86	1.28	24
Washington	62.1	92	22	29	19	143	53	3.50	1.35	24
Yukon	61.5	90	22	32	19	***	***	***	***	***

EAST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Cookson	61.8	90	15	21	19	165	65	6.98	3.49	24
Eufaula	62.8	93	15	25	19	136	68	3.23	1.59	24
Haskell	61.7	92	15	21	19	155	52	2.03	1.18	24
Hectorville	64.0	91	15	24	19	120	88	1.65	.91	24
Holdenville	63.4	93	15	29	19	127	78	3.68	1.17	24
McAlester	62.7	93	15	24	19	143	71	5.01	1.95	25
Okmulgee	61.4	94	15	20	19	156	44	1.98	1.10	24
Sallisaw	62.0	92	15	24	19	147	54	5.39	2.13	24
Stigler	62.3	94	15	23	19	147	65	4.93	2.42	24
Stuart	63.9	93	15	29	19	121	86	4.48	1.61	25
Tahlequah	60.9	89	15	20	19	173	45	3.75	2.03	24
Webbers Falls	61.0	92	15	24	19	167	43	5.05	2.27	24
Westville	60.9	88	15	21	19	174	47	5.44	2.75	24

SOUTHWEST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Altus	63.7	95	22	36	19	117	78	3.25	1.43	24
Apache	62.4	92	22	35	19	147	68	5.27	1.87	24
Fort Cobb	61.6	93	22	31	19	154	48	4.36	1.48	24
Grandfield	64.9	96	22	34	19	98	96	3.59	1.70	24
Hinton	62.0	92	22	32	19	152	60	4.06	1.85	24
Hobart	62.9	93	22	36	19	137	72	4.76	1.80	24
Hollis	63.8	94	22	37	19	117	79	2.63	1.75	24
Mangum	61.9	94	22	31	19	150	54	2.63	1.09	24
Medicine Park	64.5	92	22	39	19	120	104	6.34	1.97	24
Tipton	63.4	95	22	32	19	122	72	3.18	1.62	24
Walters	64.1	94	22	36	19	110	82	5.31	1.91	24

SOUTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Ada	62.5	93	15	27	19	140	61	3.16	1.37	24
Ardmore	63.6	92	15	31	19	120	78	4.45	1.68	24
Burneyville	62.5	95	15	26	19	138	60	5.17	1.88	28
Byars	63.4	91	15	31	19	137	86	3.45	1.89	24
Centrahoma	62.8	93	15	25	19	133	66	4.42	1.49	24
Durant	64.9	93	15	32	19	103	101	4.83	1.91	24
Fittstown	62.5	92	15	27	19	141	64	3.88	1.53	24
Ketchum Ranch	63.3	92	22	33	19	121	69	4.97	1.36	16
Lane	62.8	92	15	28	19	134	65	4.59	1.52	24
Madill	63.3	94	15	29	19	125	73	4.47	1.53	28
Newport	64.0	93	15	31	19	112	83	4.72	1.65	24
Pauls Valley	62.9	91	15	31	19	130	66	3.52	1.21	24
Ringling	64.0	93	15	34	19	109	78	5.01	1.78	16
Sulphur	62.3	91	15	27	19	142	58	3.95	1.40	24
Tishomingo	63.2	92	15	30	19	127	71	3.93	1.48	24
Waurika	63.8	95	22	32	19	108	71	4.74	1.71	16

SOUTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Antlers	61.9	93	15	24	19	150	55	5.30	2.01	24
Broken Bow	62.8	92	6	27	19	124	57	6.08	2.31	24
Clayton	62.5	93	15	23	19	145	68	4.91	2.18	24
Cloudy	***	***	***	***	***	***	***	6.40	2.44	24
Hugo	64.6	91	15	30	19	108	96	6.73	2.82	24
Idabel	62.7	90	12	27	19	129	59	6.95	3.19	24
Mt Herman	62.7	89	12	26	19	***	***	5.82	2.33	24
Talihina	61.8	92	15	23	19	153	54	4.61	1.84	24
Valliant	63.0	92	6	26	19	128	66	7.00	2.74	24
Wilburton	63.0	95	15	23	19	134	73	5.41	2.22	24
Wister	60.8	94	15	20	19	175	44	4.31	1.56	24

2022 STATEWIDE PRECIPITATION MONTHLY TOTALS VS. NORMAL IN INCHES

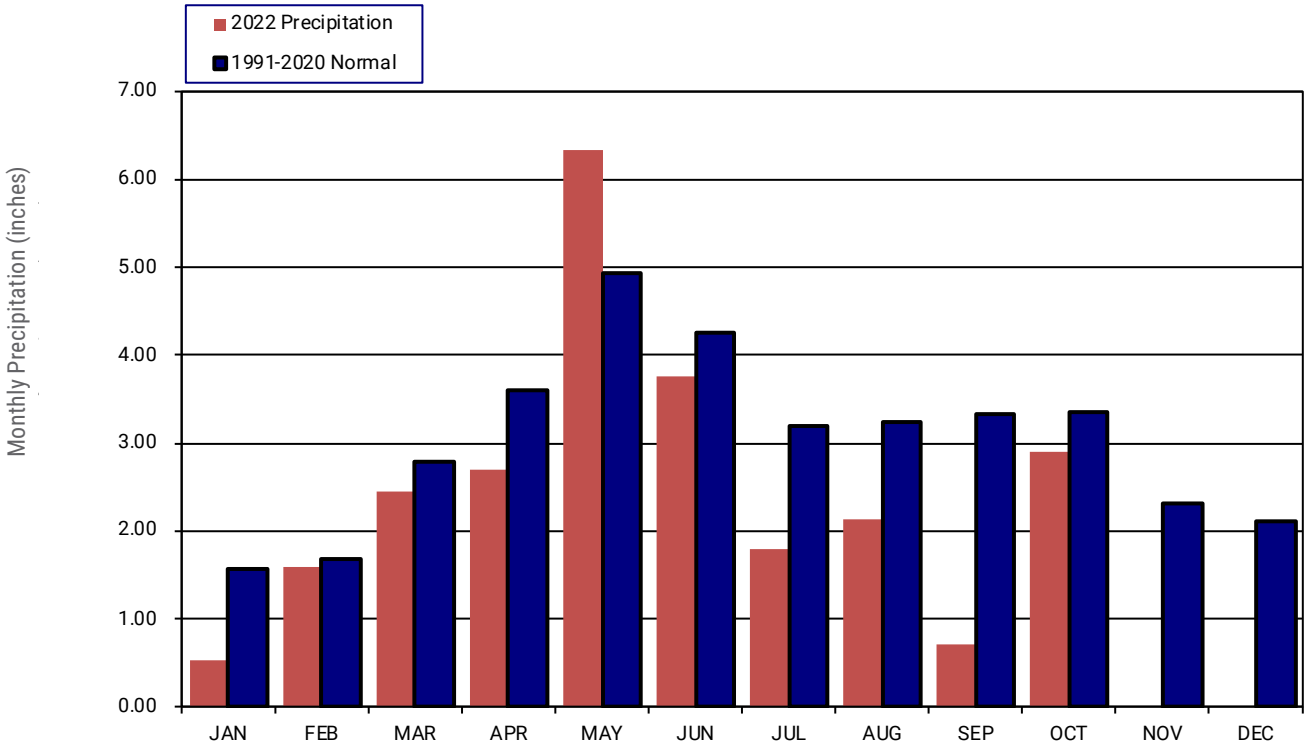


TABLE OF 2022 STATEWIDE PRECIPITATION MONTHLY TOTALS AND NORMALS IN INCHES

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	--	--
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

October 2022 Mesonet Precipitation Comparison

Climate Division	Precipitation (inches)	Departure from Normal (inches)	Rank since 1895	Wettest on Record (Year)	Driest on Record (Year)	Oct-21
Panhandle	0.38	-1.47	21st Driest	6.84 (1923)	0.03 (2001)	1.29
North Central	0.98	-1.94	26th Driest	8.97 (1998)	0.00 (1952)	3.25
Northeast	2.24	-1.53	47th Driest	14.98 (1941)	0.05 (1952)	5.76
West Central	2.11	-0.51	59th Wettest	9.57 (1923)	0.00 (1952)	2.22
Central	2.81	-0.60	59th Wettest	13.34 (1941)	0.03 (1952)	5.08
East Central	4.12	-0.11	53rd Wettest	14.00 (1941)	0.15 (1963)	6.80
Southwest	4.13	1.36	23rd Wettest	11.03 (1983)	0.00 (1952)	2.57
South Central	4.33	0.33	44th Wettest	14.83 (1981)	0.09 (1921)	4.63
Southeast	5.77	1.11	32nd Wettest	12.89 (1984)	0.20 (1924)	5.72
Statewide	2.91	-0.45	58th Wettest	10.75 (1941)	0.14 (1952)	4.20

2022 STATEWIDE TEMPERATURE MONTHLY TOTALS VS. NORMAL IN DEGREES FAHRENHEIT

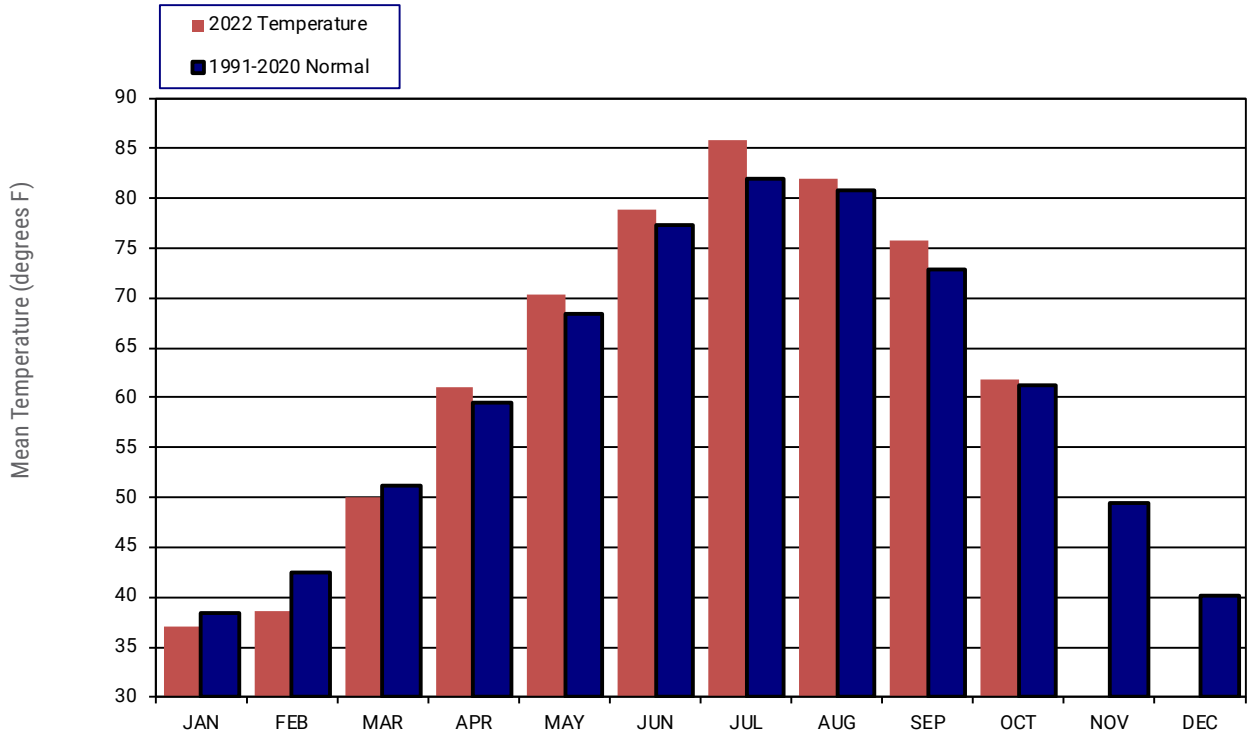


TABLE OF 2022 STATEWIDE TEMPERATURE MONTHLY TOTALS AND NORMALS IN DEGREES FAHRENHEIT

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	--	--
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

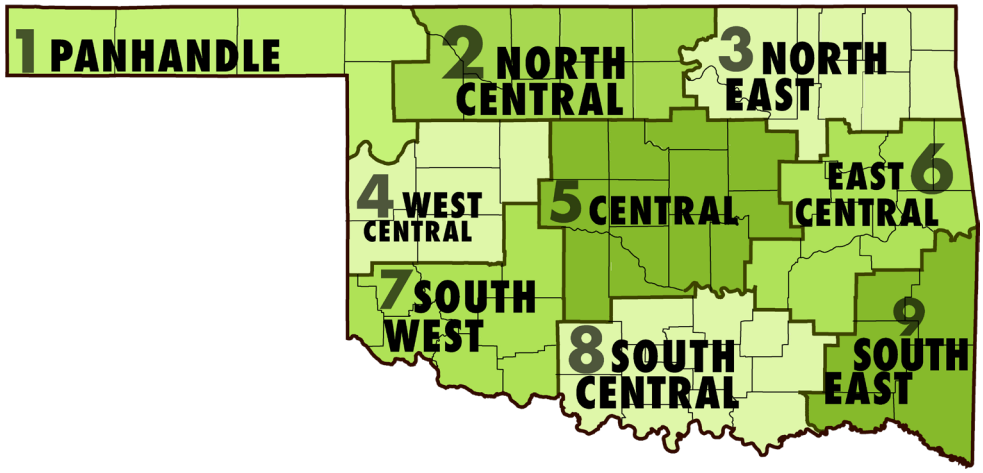
October 2022 Mesonet Temperature Comparison

Climate Division	Average Temp (F)	Departure from Normal (F)	Rank since 1895	Hottest on Record (Year)	Coldest on Record (Year)	Oct-21 (F)
Panhandle	58.9	1.3	45th Warmest	65.9 (1963)	50.1 (1925)	60.4
North Central	61.9	1.8	33rd Warmest	68.9 (1963)	51.6 (1925)	63.3
Northeast	61.3	0.8	58th Warmest	70.2 (1963)	53.9 (1925)	63.5
West Central	62.2	1.5	33rd Warmest	68.5 (1963)	52.1 (1925)	64.2
Central	61.8	0.0	57th Coolest	70.2 (1963)	55.0 (2009)	65.0
East Central	62.2	0.2	60th Coolest	70.9 (1963)	55.5 (1976)	64.8
Southwest	63.2	0.3	63rd Warmest	70.2 (1963)	55.4 (1925)	66.2
South Central	63.3	-0.2	53rd Coolest	71.0 (1963)	56.8 (1976)	66.6
Southeast	62.4	0.0	61st Coolest	69.8 (1963)	55.3 (1976)	65.7
Statewide	**61.9**	**0.6**	**59th Warmest**	**69.5 (1963)**	**54.6 (1925)**	**64.4**

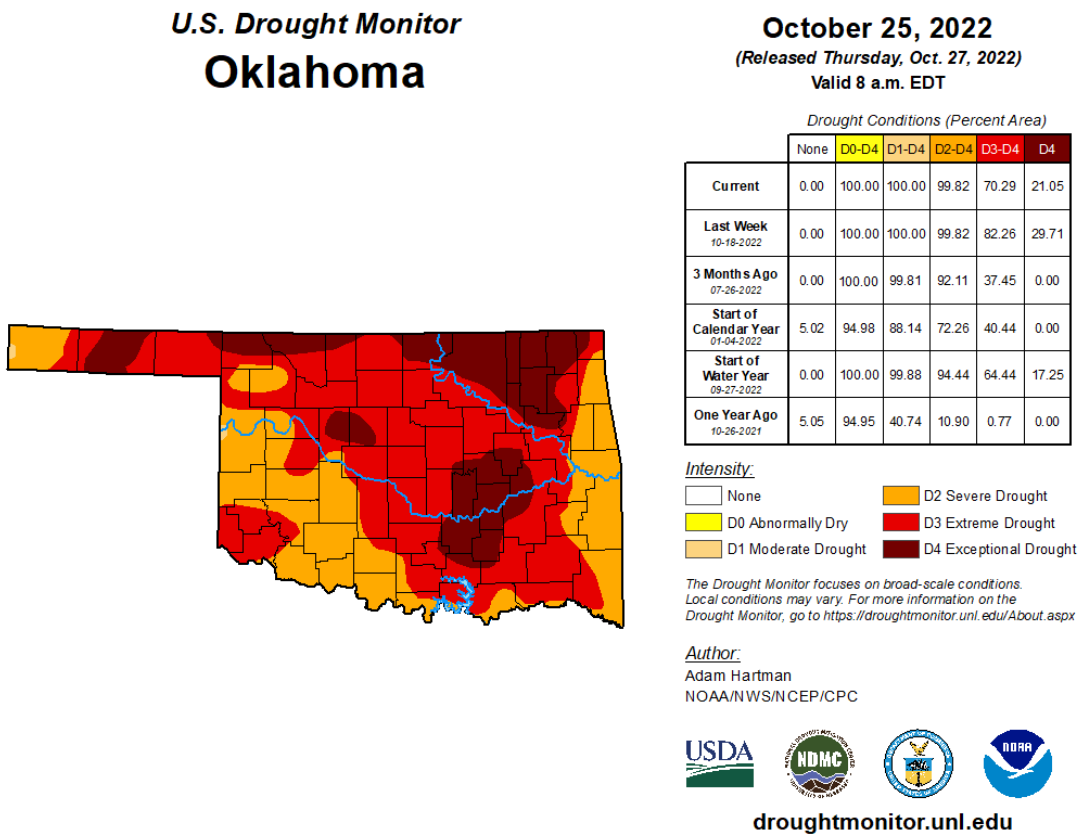
MESONET EXTREMES FOR OCTOBER 2022

Climate Division	High Temp (F)	Day	Station	Low Temp (F)	Day	Station	High Monthly Rainfall (inches)	Station	High Daily Rainfall (inches)	Day	Station
Panhandle	93	21st	Buffalo	23	25th	Kenton	1.00	Boise City	0.61	5th	Boise City
North Central	94	21st	Freedom	23	19th	Blackwell	2.55	Breckinridge	2.07	24th	Breckinridge
Northeast	93	21st	Burbank	17	19th	Nowata	3.97	Jay	2.32	24th	Jay
West Central	93	22nd	Bessie	28	19th	Camargo	3.42	Elk City	1.22	24th	Elk City
Central	94	15th	Okemah	20	19th	Bristow	4.72	Minco	2.04	24th	El Reno
East Central	94	15th	Okmulgee	20	19th	Tahlequah	6.98	Cookson	3.49	24th	Cookson
Southwest	96	22nd	Grandfield	31	19th	Mangum	6.34	Medicine Park	1.97	24th	Medicine Park
South Central	95	15th	Burneyville	25	19th	Centrahoma	5.17	Burneyville	1.91	24th	Durant
Southeast	95	15th	Wilburton	20	19th	Wister	7.00	Valliant	3.19	24th	Idabel
Statewide	**96**	**22nd**	**Grandfield**	**17**	**19th**	**Nowata**	**7.00**	**Valliant**	**3.49**	**24th**	**Cookson**

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 FOR OKLAHOMA DROUGHT CONDITIONS (PERCENT AREA)

OCTOBER 25, 2022 (RELEASED THURSDAY, OCT. 27TH 2022)

VALID 8 A.M. EDT

Period	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	99.82	70.29	21.05
Last Week 10-18-2022	0.00	100.00	100.00	99.82	82.26	29.71
3 Months Ago 07-26-2022	0.00	100.00	99.81	92.11	37.45	0.00
Start of Current Year 01-04-2022	5.02	94.98	88.14	72.26	40.44	0.00
Start of Water Year 09-27-2022	0.00	100.00	99.88	94.44	64.44	17.25
One Year Ago 10-26-2021	5.05	94.95	40.74	10.90	0.77	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

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

OKLAHOMA CLIMATOLOGICAL SURVEY

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