Oklahoma Monthly Climate Summary

FEBRUARY 2022

OKLAHOMA CLIMATOLOGICAL SURVEY

Three impactful winter storms struck Oklahoma during February, snarling traffic on state highways, bringing down power lines, and forcing widespread closures of businesses and schools. The first storm struck Feb. 1-3 and dumped 4-6 inches of snow over a significant portion of the state. Larger totals were scattered about, with nearly a foot of snow reported in both Hooker and Seminole. That same system covered parts of southeastern Oklahoma with up to a half-inch of freezing rain, damaging trees and power infrastructure in the area. The second storm produced near blizzard conditions across far northern Oklahoma on Feb. 16-17. Another swath of 4-6 inches was observed across those counties, with a volunteer observer at Helena in Alfalfa County reporting 8 inches. Winds gusting to over 40 mph produced snow drifts in that area of more than 5 feet. The third storm dumped 1-2 inches of sleet across the southeastern half of Oklahoma on Feb. 23-24, encasing a significant portion of the state in an icy shell that would take days to melt. Thunder was heard during the sleet, signaling enhanced convective precipitation rates. Much of the state received 6-8 inches of snow for the month. Helena led all totals at 17 inches with Seminole in second at 12 inches. Severe weather was nearly nonexistent for the month, but wildfires were a consistent hazard throughout February.

February 2022 Statewide Extremes

Description	Extreme	Station	Day
High Temperature	82°F	Multiple	Multiple
Low Temperature	-12°F	Kenton	4
High Precipitation	5.29 in.	Broken Bow	--
Low Precipitation	0.06 in.	Camargo	--

According to preliminary data from the Oklahoma Mesonet, the statewide average precipitation total was 1.6 inches, 0.09 inches below normal and ranked as the 54th wettest February since records began in 1895. Totals for the month ranged from 5.29 inches at Broken Bow to a meager 0.06 inches at Camargo. Forty-one of the Mesonet's 120 sites ended up with an inch or less for the month, while 28 sites managed at least 2 inches. Even with February's modest moisture totals, the climatological winter—December through January—ended as the 23rd driest on record at 3.08 inches, 2.29 inches below normal. Winter totals ranged from 9.84 inches at the Mesonet site at Mt. Herman in McCurtain County to 0.18 inches at the May Ranch site in far northern Woods County.

February 2022 Statewide Statistics

Temperature

Period	Average	Departure	Rank (1895-2022)
Month (February)	38.6°F	-3.8°F	38th Coolest
Season-to-Date (Dec-Feb)	42.1°F	1.9°F	16th Warmest
Year-to-Date (Jan-Feb)	37.7°F	-2.5°F	47th Coolest

Precipitation

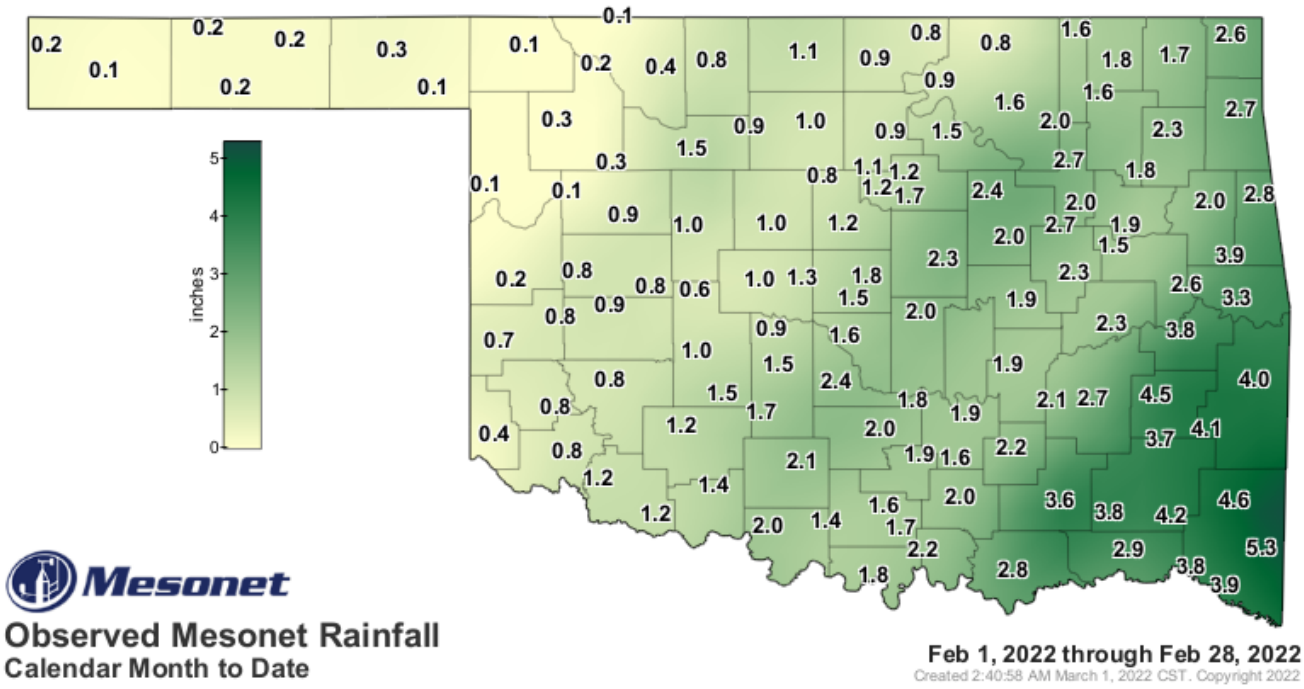
Period	Total	Departure	Rank (1895-2022)
Month (February)	1.60 in.	-0.09 in.	54th Wettest
Season-to-Date (Dec-Feb)	3.08 in.	-2.29 in.	23rd Driest
Year-to-Date (Jan-Feb)	2.20 in.	-1.06 in.	40th Driest

Departure from 30-year normal

February ranked as the 38th coolest on record with a statewide average of 38.6 degrees, 3.8 degrees below normal. There was still plenty of pleasant weather in between the bouts of winter chill. Highs often rose into the 60s and 70s in advance of each winter storm system, culminating with a high of 82 degrees at Altus, Hollis, and Tipton on the 16th and again at Mangum on the 21st. Cold weather still dominated the month, however. Kenton dropped to minus 12 degrees on the 4th, and temperatures fell below zero a total of 20 times across the Mesonet's 120 sites during February, nearly all in the Panhandle region. The Mesonet recorded 243 wind chills of minus 5 degrees or less throughout the month, topped by Hooker's -27 degrees on Feb. 4. Buoyed by December 2021's remarkable warmth, the climatological winter finished 2.6 degrees above normal to rank as the 16th warmest December through February on record with a statewide average temperature of 42.1 degrees.

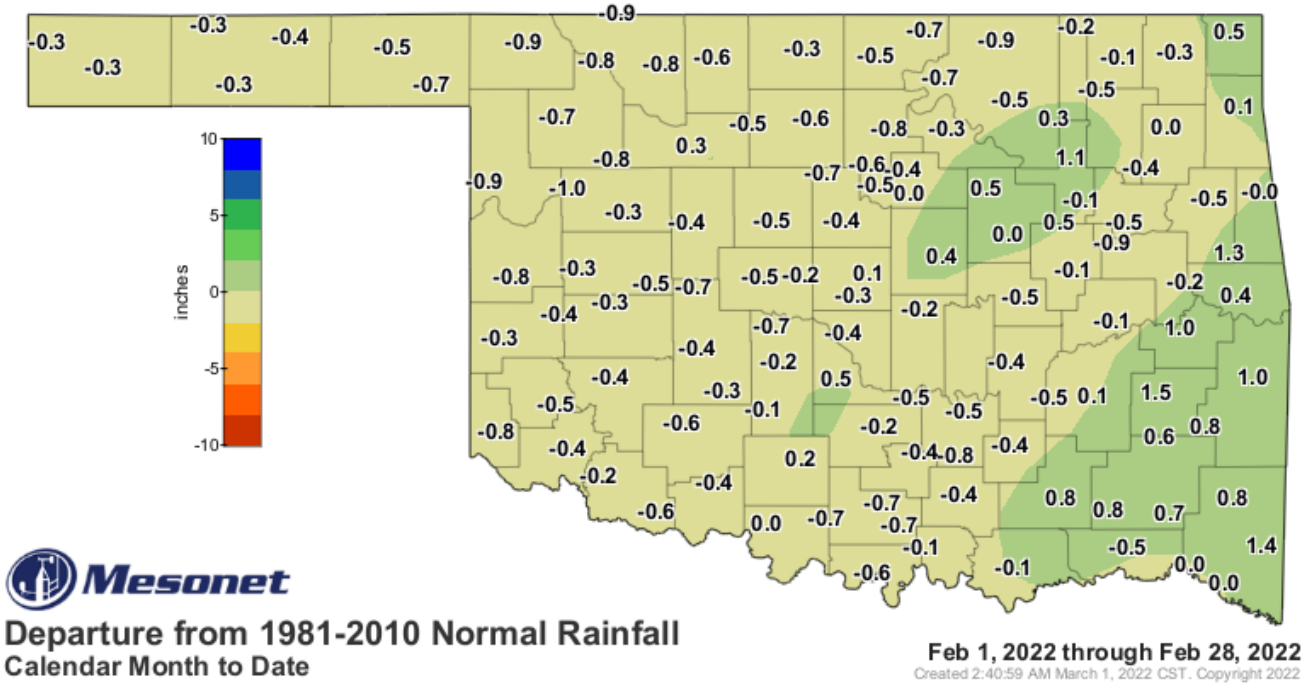
The February moisture provided significant drought relief across far eastern Oklahoma, but merely staved off intensification in the western half of the state. Drought coverage decreased from 88.2% at the end of January to 86.7% at the end of February according to the U.S. Drought Monitor. The Climate Prediction Center's March outlooks for temperature and precipitation paint a picture of a warm month ahead for the entire state, and wet as well for eastern Oklahoma. All of Oklahoma has increased odds of above normal temperatures for March, with the eastern half of the state seeing those same increased odds for above normal precipitation as well. CPC's March drought outlook calls for improvements across far southeastern Oklahoma, but to persist elsewhere through the month.

FEBRUARY 2022 OBSERVED PRECIPITATION



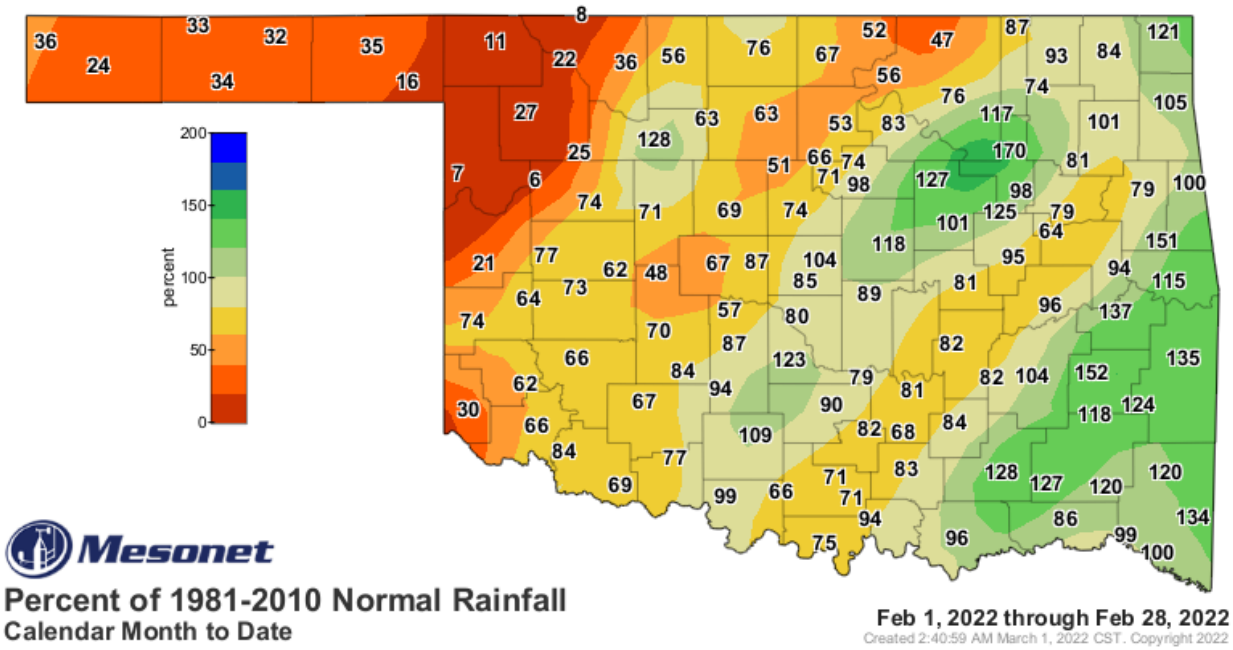
The accumulated rainfall for February produced a dry panhandle with increasing rainfall across the state to the southeast. The panhandle sites received 0.1 to 0.3 in. of rainfall. Mt. Herman received the most with 4.6 in.

FEBRUARY 2022 DEPARTURE FROM NORMAL PRECIPITATION



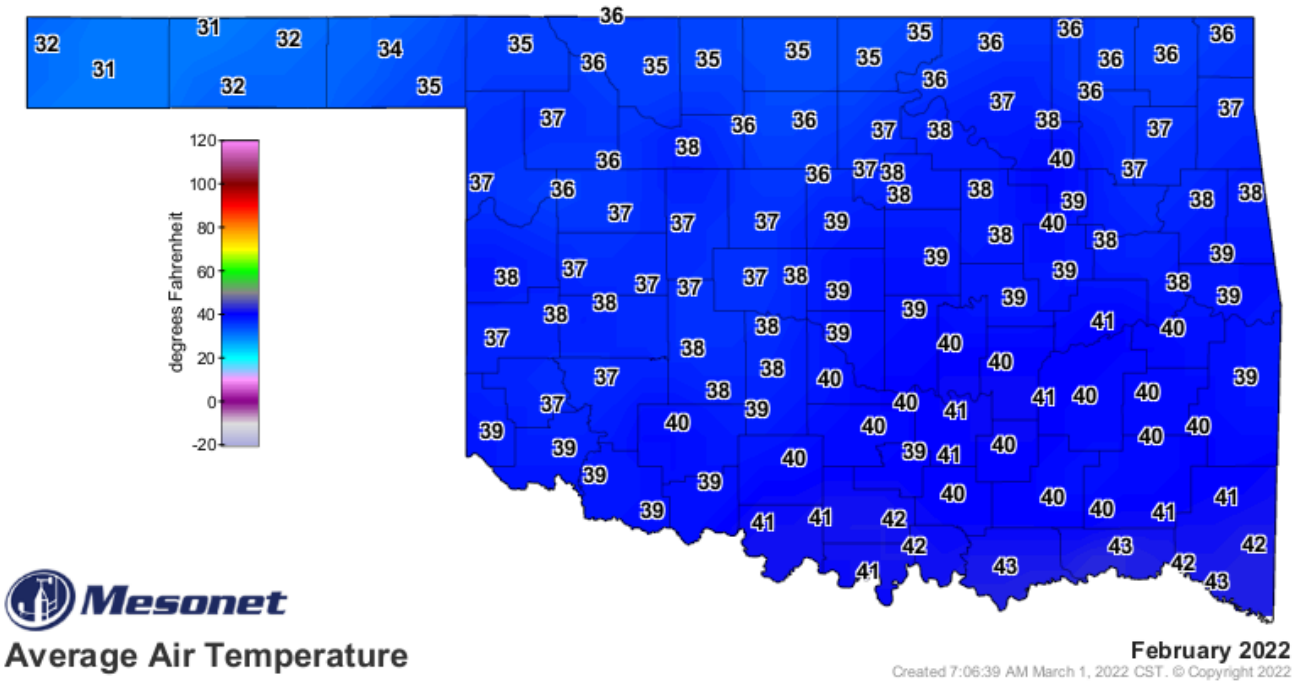
Comparing the February rainfall accumulation to the 1981 to 2010 normal rainfall, most sites were below normal from 0.9 to 0.2 in. below. The southeast corner of the state was above normal ranging from 0.1 to 1.4 in above. Another area above normal stretched from Chandler at 0.4 in. to Tulsa with 1.1 in. above normal.

FEBRUARY 2022 PERCENT OF NORMAL PRECIPITATION



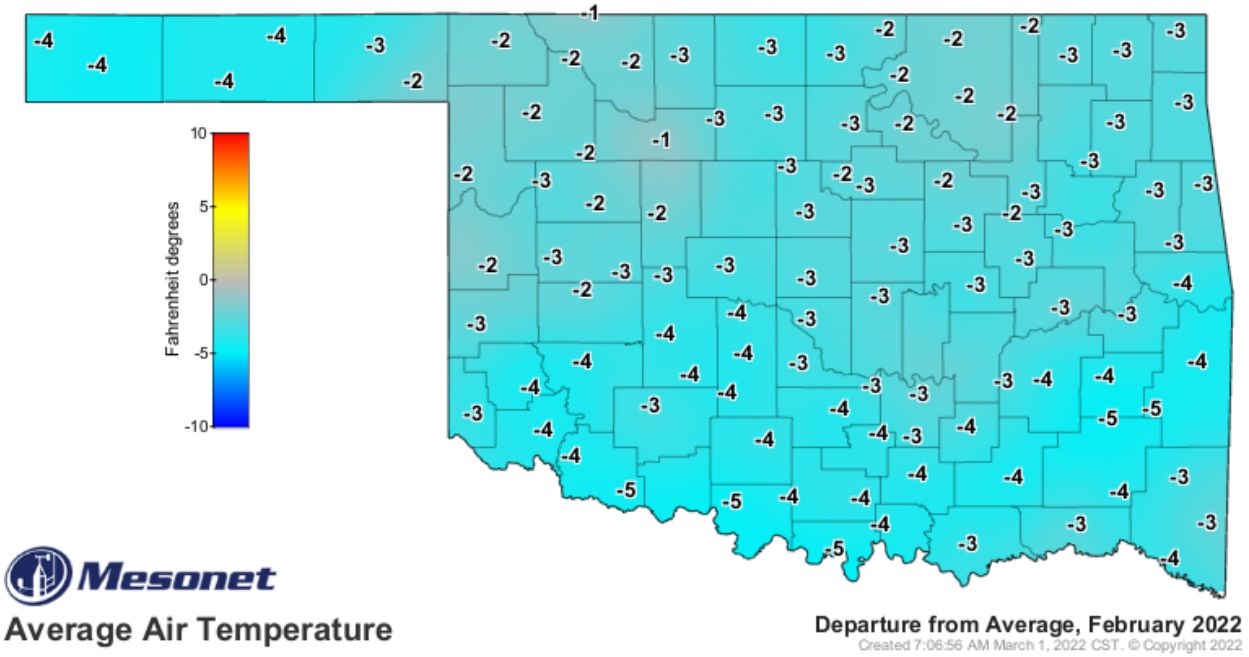
The Panhandle percent of normal ranged from 16% at Slapout to 36% at Kenton. The Buffalo site had the lowest percentage at 11%. The area near Tulsa ranged from 98% to 170%. In the southeast, values ranged from 86% at Hugo to 152% Wilburton.

FEBRUARY AVERAGE TEMPERATURE IN DEGREES FAHRENHEIT



Temperatures ranged from the low 30s in the panhandle to the low 40s in central and southeastern Oklahoma.

FEBRUARY 2022 DEPARTURE FROM NORMAL TEMPERATURE



The temperature departures from normal ranged from -5 to -1°F statewide. The coolest areas were along the Red River from Grandfield to Burneyville experiencing temperatures 5 degrees below normal. Both Fairview and May Ranch missed their normal temperatures by one degree.

MESONET MONTHLY SUMMARY FOR FEBRUARY 2022

PANHANDLE

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Arnett	36.5	78	21	3	4	797	0	.07	.05	4
Goodwell	32.9	76	15	-5	4	899	0	.15	.11	4
Beaver	34.1	79	15	-8	4	865	0	.26	.14	4
Hooker	32.6	77	15	-10	4	907	0	.17	.13	4
Boise City	31.0	72	15	-8	4	952	0	.10	.05	4
Kenton	31.1	72	15	-12	4	948	0	.16	.13	4
Buffalo	35.2	79	21	-1	4	833	0	.11	.05	5
Slapout	35.7	76	21	1	4	820	0	.13	.06	4
Eva	31.3	77	15	-9	3	944	0	.16	.09	4

NORTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Alva	35.2	75	21	3	4	***	***	.42	.14	5
May Ranch	36.1	78	21	4	4	810	0	.08	.04	5
Blackwell	34.7	74	21	1	4	849	0	.94	.26	17
Medford	34.6	74	16	2	4	851	0	1.07	.50	17
Breckinridge	35.9	74	16	3	4	814	0	.97	.51	17
Newkirk	35.2	73	16	3	4	834	0	.80	.21	18
Cherokee	35.5	74	16	1	4	825	0	.76	.41	5
Red Rock	37.3	73	21	4	4	775	0	.87	.56	17
Fairview	38.0	76	16	6	4	756	0	1.49	.63	17
Seiling	35.9	76	16	-1	4	814	0	.25	.09	4
Freedom	35.6	78	21	-2	4	823	0	.21	.12	5
Woodward	37.0	79	21	1	4	784	0	.26	.12	4
Lahoma	36.0	74	16	3	4	812	0	.86	.42	17

NORTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bixby	39.6	71	21	12	5	711	0	2.00	1.08	17
Pawnee	39.0	74	16	6	4	729	0	1.46	.82	17
Burbank	36.5	75	21	3	4	799	0	.91	.37	17
Porter	2.2	70	14	***	16	698	0	1.87	.61	17
Copan	36.9	75	21	5	4	787	0	1.63	.45	17
Pryor	37.8	70	21	8	5	760	0	2.30	.76	1
Foraker	36.2	76	21	5	4	807	0	.79	.23	18
Skiatook	39.4	72	21	8	4	717	0	1.97	.85	17
Inola	38.0	72	21	9	5	756	0	1.84	.79	17
Talala	37.5	73	21	4	4	769	0	1.57	.76	17
Jay	37.8	71	21	10	18	762	0	2.72	.78	1
Tulsa	40.4	72	16	9	4	690	0	2.74	1.56	17
Miami	36.9	72	21	7	4	786	0	2.64	1.02	1
Vinita	36.5	72	21	4	4	798	0	1.72	.88	17
Nowata	36.7	73	21	4	5	793	0	1.84	.77	17
Wynona	38.5	75	21	8	4	743	0	1.56	.67	17

WEST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Bessie	38.9	76	16	6	4	730	0	.87	.66	17
Erick	37.9	79	21	5	4	758	0	.74	.47	16
Butler	37.6	78	21	1	4	767	0	.84	.38	16
Putnam	37.1	74	16	4	4	781	0	.86	.37	17
Camargo	35.6	77	21	1	4	822	0	.06	.02	4
Watonga	37.9	73	16	8	4	760	0	.97	.40	16
Cheyenne	38.9	76	21	5	4	732	0	.21	.08	18
Weatherford	37.6	74	16	5	4	767	0	.77	.56	17
Elk City	38.2	78	16	6	4	750	0	.76	.40	16

CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Acme	39.8	74	16	10	4	705	0	1.72	.93	17
Norman	40.3	74	16	12	4	691	0	1.55	.91	17
Bristow	39.3	73	21	6	5	719	0	2.00	.89	17
Oilton	39.1	73	16	5	4	724	0	2.43	1.08	17
Lake Carl Blac	36.8	74	16	5	4	790	0	1.12	.58	17
Oklahoma City	40.5	73	16	11	23	687	0	1.45	.65	17
Chandler	40.3	74	16	10	4	692	0	2.29	.73	17
Okemah	39.9	71	14	7	5	702	0	1.86	.76	17
Chickasha	39.0	75	16	4	5	729	1	1.52	.62	17
Perkins	39.5	73	16	8	4	714	0	1.65	.66	17
El Reno	37.2	74	16	3	4	779	0	.98	.54	17
Seminole	41.5	73	16	13	23	659	0	1.99	.59	17
Guthrie	39.5	73	16	6	4	715	0	1.16	.61	17
Shawnee	40.5	73	16	12	23	686	0	2.03	1.09	17
Kingfisher	37.2	75	16	7	4	777	0	1.00	.66	17
Spencer	40.7	73	16	9	4	680	0	1.84	.81	17
Marena	38.6	73	16	7	4	738	0	1.20	.68	17
Stillwater	38.4	74	16	7	4	745	0	1.23	.68	17
Minco	38.5	73	16	9	4	742	0	.91	.53	17
Washington	40.4	74	16	8	5	690	1	2.40	1.45	17
Marshall	36.7	74	16	1	4	792	0	.78	.54	17
Yukon	38.9	73	16	9	4	732	0	1.34	.56	17

EAST CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Cookson	40.1	70	11	12	18	698	0	3.87	.93	16
Sallisaw	39.9	71	14	12	5	702	0	3.30	.52	22
Eufaula	41.6	72	11	15	23	654	0	2.32	.41	17
Stigler	41.0	72	11	12	5	673	0	3.79	.71	17
Haskell	39.2	71	14	10	5	722	0	1.54	.53	17
Stuart	42.1	73	11	15	23	641	0	2.07	.44	17
Hectorville	40.8	71	16	11	4	678	0	2.70	1.30	17
Tahlequah	39.0	70	21	9	5	729	0	2.02	.42	17
Holdenville	41.5	72	11	14	25	657	0	1.92	.34	5
Webbers Falls	39.2	70	14	9	5	722	0	2.58	.55	17
McAlester	41.3	73	11	12	5	662	0	2.72	.56	17
Westville	39.2	69	21	13	18	723	0	2.81	.77	17
Okmulgee	40.0	72	14	7	5	700	0	2.30	.86	17

SOUTHWEST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Altus	40.2	82	16	5	4	695	1	.82	.39	17
Hollis	39.6	82	16	6	4	710	0	.35	.20	17
Apache	39.2	75	16	4	4	723	0	1.53	.96	17
Mangum	38.7	82	21	7	4	738	0	.77	.38	17
Fort Cobb	38.4	75	16	7	4	744	0	.99	.61	17
Medicine Park	41.0	77	16	11	23	673	0	1.16	.65	17
Grandfield	40.7	79	16	10	4	679	0	1.20	.47	17
Tipton	40.1	82	16	7	4	698	2	1.22	.45	17
Hinton	37.9	74	16	4	4	757	0	.62	.45	17
Walters	40.2	76	16	11	4	694	0	1.39	.84	17
Hobart	38.8	78	16	8	4	735	0	.75	.49	17

SOUTH CENTRAL

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Ada	41.9	72	11	13	25	647	0	1.86	.33	27
Lane	41.7	76	11	13	5	653	0	3.63	1.35	21
Ardmore	42.8	76	21	15	5	623	2	1.66	.42	17
Madill	42.6	78	21	12	5	627	0	2.23	.84	21
Burneyville	42.0	78	21	11	5	646	3	1.78	.44	21
Newport	42.7	76	21	16	23	625	2	1.62	.29	21
Byars	41.9	73	21	13	23	647	0	1.80	.43	17
Pauls Valley	41.2	74	21	12	5	668	1	2.04	.64	17
Centrahoma	41.7	75	11	12	5	653	0	2.15	.56	17
Ringling	41.8	76	21	14	5	650	2	1.38	.28	21
Durant	43.4	76	21	17	5	604	0	2.77	.93	21
Sulphur	40.7	73	21	9	5	682	0	1.91	.34	17
Fittstown	41.6	72	21	14	5	655	0	1.62	.24	21
Tishomingo	40.9	74	11	12	5	676	0	2.04	.65	17
Ketchum Ranch	41.1	74	21	13	23	670	1	2.10	.75	17
Waurika	42.0	77	21	11	5	647	2	1.95	.69	17

SOUTHEAST

NAME	MEAN TEMP	HIGH TEMP	DAY	LOW TEMP	DAY	HDD	CDD	TOT PPT	HIGH 24-HR	DAY
Antlers	41.3	77	11	12	5	662	0	3.80	1.30	21
Mt Herman	41.9	72	11	15	5	647	0	4.63	1.11	22
Broken Bow	43.3	75	11	17	5	608	0	5.29	2.04	22
Talihina	41.2	73	11	13	5	667	0	4.13	.88	21
Clayton	41.4	73	11	13	5	661	0	3.67	.80	22
Valliant	42.8	76	21	17	13	622	0	3.86	.98	22
Cloudy	41.3	73	11	17	5	663	0	4.22	1.09	22
Wilburton	40.8	71	11	10	5	678	0	4.45	1.78	21
Hugo	43.5	76	11	18	5	601	0	2.91	.99	22
Wister	40.4	72	21	13	5	690	0	3.99	.80	22
Idabel	43.2	77	21	17	13	610	0	4.10	1.31	22

2022 STATEWIDE PRECIPITATION MONTHLY TOTALS VS. NORMAL IN INCHES

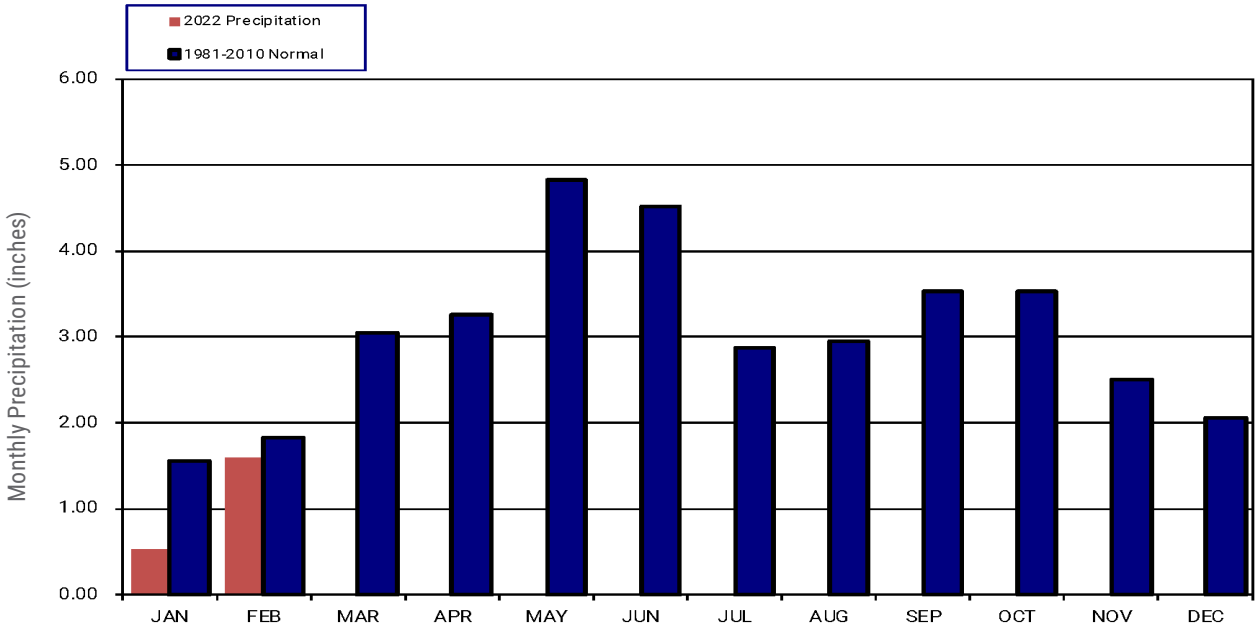


TABLE OF 2022 STATEWIDE PRECIPITATION MONTHLY TOTALS AND NORMALS IN INCHES

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2022	0.52	1.60	--	--	--	--	--	--	--	--	--	--
1981-2010	1.56	1.83	3.04	3.26	4.82	4.52	2.88	2.95	3.53	3.54	2.51	2.06

FEBRUARY 2022 MESONET PRECIPITATION COMPARISON

Climate Division	Precipitation (inches)	Departure from Normal (inches)	Rank since 1895	Wettest on Record (Year)	Driest on Record (Year)	Feb-21 (inches)
Panhandle	0.15	-0.38	23rd Driest	2.95 (1911)	0.00 (1904)	0.16
North Central	0.69	-0.52	53rd Driest	3.97 (1911)	0.01 (1904)	0.39
Northeast	1.85	-0.01	50th Wettest	5.90 (1985)	0.10 (1963)	0.66
West Central	0.68	-0.34	58th Driest	4.04 (2013)	0.00 (1991)	0.37
Central	1.57	-0.06	50th Wettest	4.91 (1938)	0.04 (1947)	0.76
East Central	2.61	0.21	41st Wettest	8.92 (1938)	0.10 (1947)	0.96
Southwest	0.98	-0.25	62nd Wettest	3.68 (1997)	0.01 (1916)	0.50
South Central	2.03	-0.20	56th Wettest	7.48 (1938)	0.08 (1996)	1.06
Southeast	4.10	0.86	31st Wettest	10.98 (2018)	0.34 (1895)	2.42
Statewide	1.60	-0.09	54th Wettest	4.57 (1938)	0.18 (1996)	0.79

2022 STATEWIDE TEMPERATURE MONTHLY TOTALS VS. NORMAL IN DEGREES FAHRENHEIT

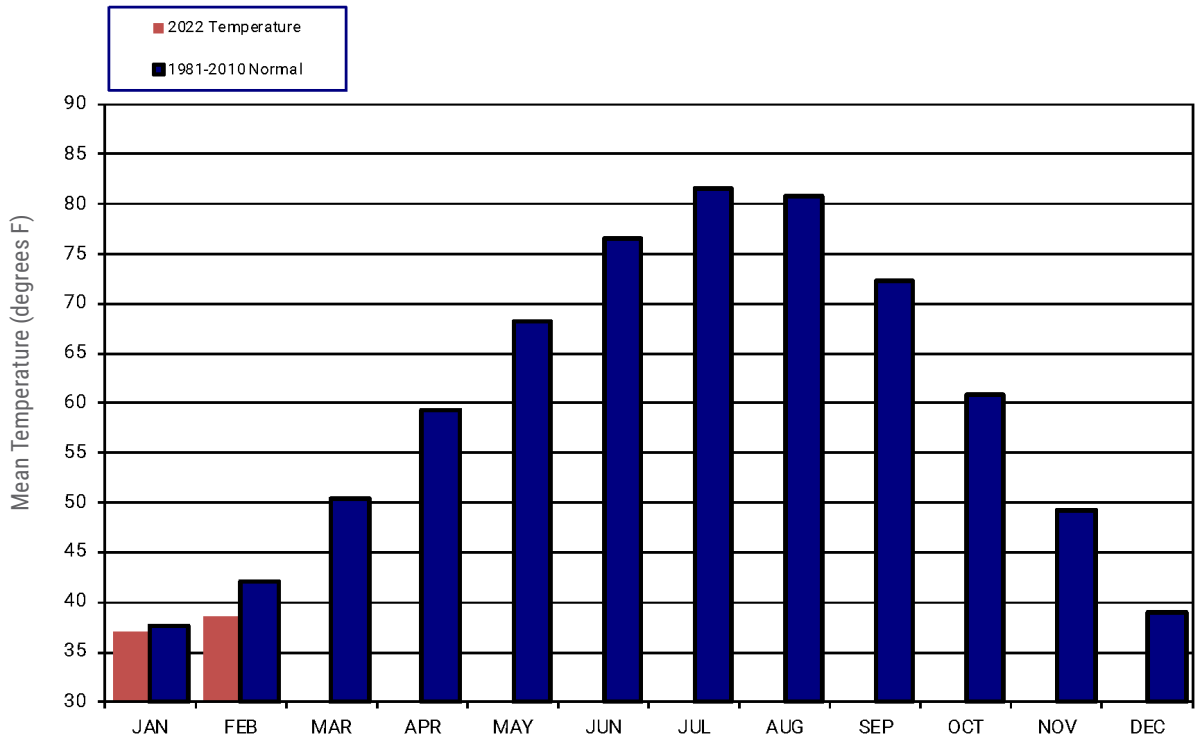


TABLE OF 2022 STATEWIDE TEMPERATURE MONTHLY TOTALS AND NORMALS IN DEGREES FAHRENHEIT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2022	37.0	38.6	--	--	--	--	--	--	--	--	--	--
1981-2010	37.7	42.1	50.4	59.3	68.2	76.5	81.5	80.8	72.3	60.9	49.3	38.9

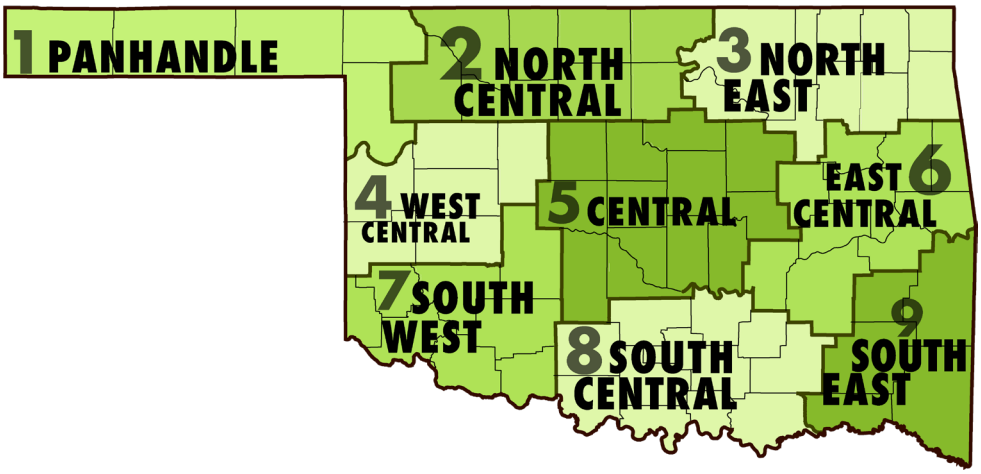
FEBRUARY 2022 MESONET TEMPERATURE COMPARISON

Climate Division	Average Temp (F)	Departure from Normal (F)	Rank since 1895	Hottest on Record (Year)	Coldest on Record (Year)	Feb-21 (F)
Panhandle	33.4	-5.2	24th Coolest	47.3 (1954)	23.6 (1899)	28.2
North Central	35.8	-4.0	39th Coolest	49.6 (1930)	25.3 (1978)	28.2
Northeast	37.8	-3.2	43rd Coolest	49.4 (1976)	25.4 (1905)	29.3
West Central	37.7	-3.6	40th Coolest	50.9 (1954)	26.2 (1905)	30.0
Central	39.2	-3.6	40th Coolest	51.5 (1954)	27.5 (1905)	31.2
East Central	40.4	-3.3	38th Coolest	52.5 (2017)	29.5 (1905)	33.0
Southwest	39.5	-4.5	33rd Coolest	52.4 (1954)	28.0 (1905)	32.7
South Central	41.9	-3.8	36th Coolest	54.3 (1976)	30.3 (1899)	34.8
Southeast	41.9	-3.4	40th Coolest	53.6 (2017)	31.9 (1905)	35.4
Statewide	38.6	-3.8	38th Coolest	50.6 (1954)	27.6 (1905)	31.3

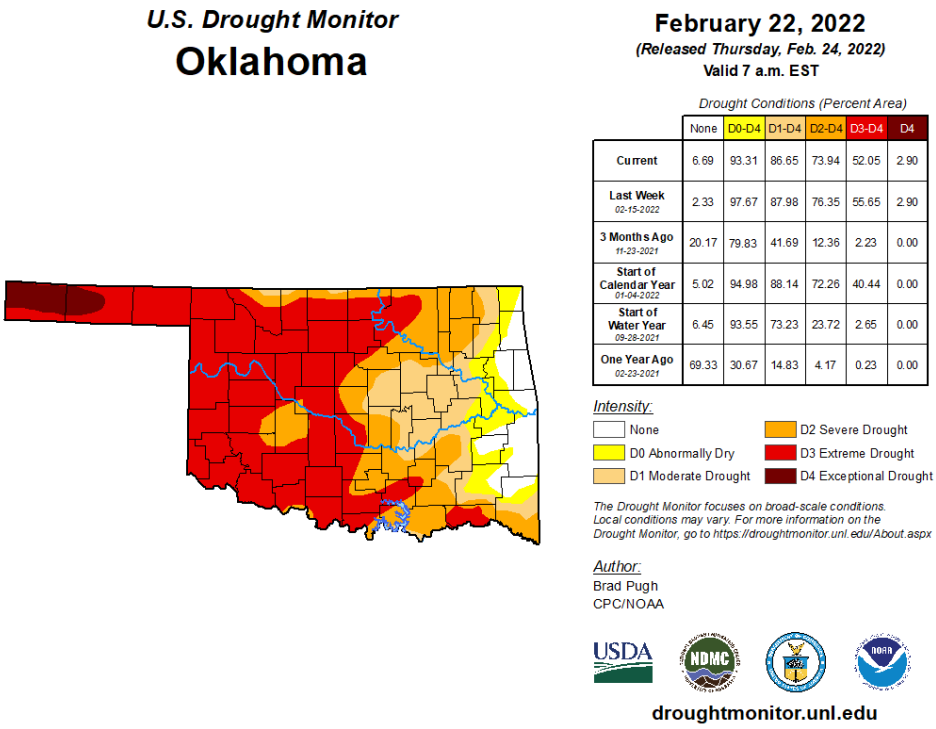
MESONET EXTREMES FOR FEBRUARY 2022

Climate Division	High Temp (F)	Day	Station	Low Temp (F)	Day	Station	High Monthly Rainfall (inches)	Station	High Daily Rainfall (inches)	Day	Station
Panhandle	79	15th	Beaver	-10	4th	Hooker	0.26	Beaver	0.14	4th	Beaver
North Central	79	21st	Woodward	-2	4th	Freedom	1.49	Fairview	0.63	17th	Fairview
Northeast	76	21st	Foraker	3	4th	Burbank	2.74	Tulsa	1.56	17th	Tulsa
West Central	79	21st	Erick	1	4th	Camargo	0.97	Watonga	0.66	17th	Bessie
Central	75	16th	Chickasha	1	4th	Marshall	2.43	Oilton	1.45	17th	Washington
East Central	73	11th	McAlester	7	5th	Okmulgee	3.87	Cookson	1.30	17th	Hectorville
Southwest	82	16th	Altus	4	4th	Hinton	1.53	Apache	0.96	17th	Apache
South Central	78	21st	Burneyville	9	5th	Sulphur	3.63	Lane	1.35	21st	Lane
Southeast	77	21st	Idabel	10	5th	Wilburton	5.29	Broken Bow	2.04	22nd	Broken Bow
Statewide	82	16th	Altus	-10	4th	Hooker	5.29	Broken Bow	2.04	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



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)

FEBRUARY 22, 2022 (RELEASED THURSDAY, FEB. 24, 2022) VALID 7 A.M. EST

Period	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.69	93.31	86.65	73.94	52.05	2.90
Last Week 02-15-2022	2.33	97.67	87.98	76.35	55.65	2.90
3 Months Ago 11-23-2021	20.17	79.83	41.69	12.36	2.23	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 09-28-2021	6.45	93.55	73.23	23.72	2.65	0.00
One Year Ago 02-23-2021	69.33	30.67	14.83	4.17	0.23	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 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/

This PDF was regenerated in Aug 2023 to include bookmarks, alt text, additional tables with data from the maps and graphs, and reformatted to allow structural tagging for accessibility.

Oklahoma Climatological Survey is the State Climate Office for Oklahoma

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