

Largely deprived of its primary rainy season, Oklahoma saw drought surge across the state during June. A mid-month bout with showers and storms managed to stem the flash drought's intensification and spread with beneficial rains across northwestern Oklahoma. The respite was brief, however. Dry weather and intense heat returned by the end of the month and drought was again on the move to the south and east. Contained wholly within the western half of the state at the end of May, drought had progressed to the state's eastern border by the end of June. Drought coverage leapt from 14% of the state to 43% over that same period according to the U.S. Drought Monitor. That was the highest coverage of drought Oklahoma had seen since Aug. 14, 2018. Much of the western Panhandle was covered by extreme drought, and exceptional drought bled down from Kansas and Colorado into far northern Cimarron and Texas counties. The Drought Monitor's intensity scale slides from moderate-severe-extreme-exceptional, with exceptional being the worst classification.

four Mesonet stations out of 120 to receive at least 5 inches of rain. Sixty-seven sites recorded less than 2 inches for the month. Tulsa had the state's lowest total at 0.11 inches, its driest June since local records began in 1893. The January-June precipitation total of 20.1 inches was 1.07 inches above normal to rank as the 33rd wettest on record, but rainfall varied wildly from one region to the next. Deficits across the northwestern half of the state ranged from 2-6 inches while the southeastern half saw surpluses balloon to nearly 17 inches above normal.

June's weather was scorching hot during the first half of the month, and ended much the same. Sandwiched in between was a 10-day period of pleasantly cooler than normal weather, a fringe benefit of the mid-month storm system that brought moisture to the state. Altogether, the statewide average of 78.5 degrees was 2 degrees above normal to rank

June 2020 Statewide Extremes

| Description | Extreme | Station | Day |
|--------------------|----------|-------------|-----|
| High Temperature | 109°F | Altus, Eric | 30 |
| Low Temperature | 40°F | Eva, Kenton | 10 |
| High Precipitation | 6.32 in. | Walters | -- |
| Low Precipitation | 0.13 in. | Tahlequah | -- |

Normally the wettest part of the year in Oklahoma, the mid-May through mid-June period was dominated by a large dome of high pressure over the Southern Plains that limited chances for significant moisture. The mid-month storm system managed to partially salvage the primary spring rainy season for Oklahoma, but significant deficits remained following its exit. According to preliminary data from the Oklahoma Mesonet, the statewide average rainfall total was 1.97 inches, 2.55 inches below normal and ranked as the 15th driest June since records began in 1895. Most of the state ended with deficits of 1-3 inches, with the lowest totals being reported across eastern Oklahoma. Deficits there reached 5 inches in some locations and amounted to less than 10 percent of their normal June rainfall. The Mesonet site at Walters led the reports with 6.32 inches, one of only

June 2020 Statewide Statistics

Temperature

| | Average | Depart. | Rank (1895-2020) |
|------------------------|---------|---------|------------------|
| Month (Jun) | 78.5°F | 2.0°F | 32nd Warmest |
| Year-to-Date (Jan-Jun) | 57.2°F | 1.5°F | 16th Warmest |

Precipitation

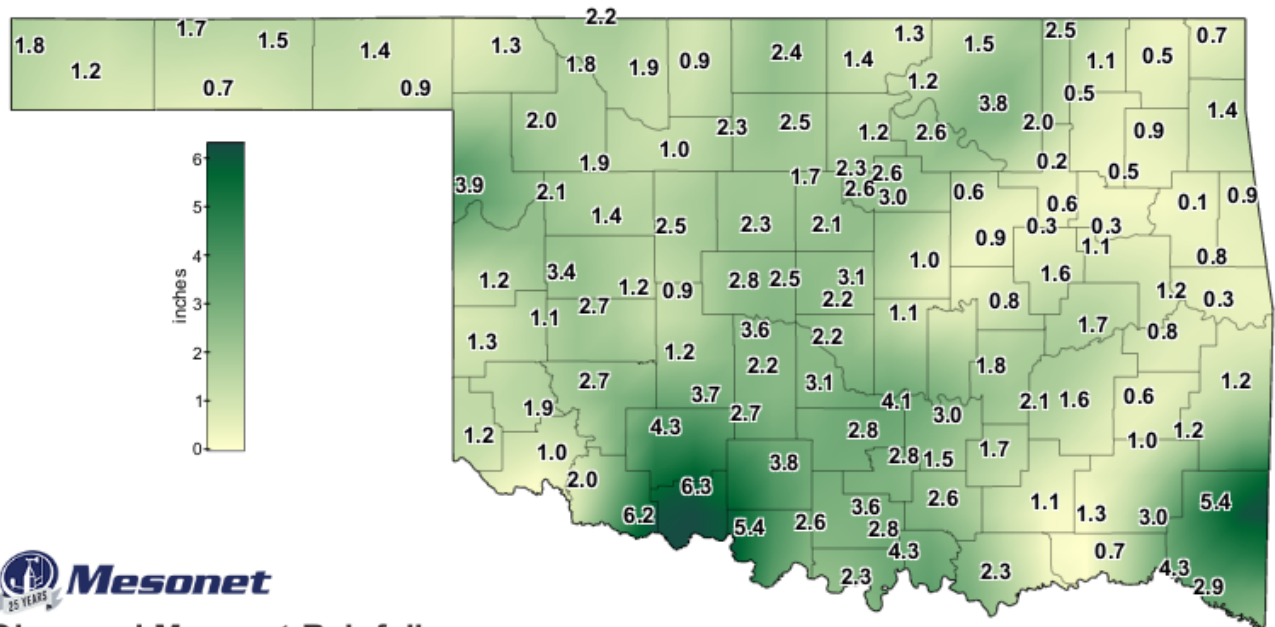
| | Total | Depart. | Rank (1895-2020) |
|------------------------|-----------|-----------|------------------|
| Month (Jun) | 1.97 in. | -2.55 in. | 15th Driest |
| Year-to-Date (Jan-Jun) | 20.10 in. | 1.07 in. | 33rd Wettest |

Depart. = departure from 30-year normal

as the 32nd warmest June on record. The top reading in the state was 109 degrees at Altus and Erick on June 30, and the lowest was a chilly 40 degrees from both Eva and Kenton on June 10. The mid-month moisture made for sultry conditions when the heat returned to end the month. The heat index soared as high as 113 degrees at several locations on June 30. The Mesonet's 120 stations reported a heat index of at least 105 degrees 191 times during the month. The warm June continued a pattern for 2020. The January-June statewide average of 57.2 degrees was 1.5 degrees above normal to rank as the 16th warmest such period on record.

Drought development across the remainder of Oklahoma – save for the southeast quarter – is considered “likely” according to the Climate Prediction Center’s (CPC) drought outlook for July. The existing drought across the northwestern third of the state is expected to persist and possibly intensify. CPC’s negative stance is a result of equally unpleasant July outlooks for precipitation and temperature that indicate increased odds for above normal temperatures and below normal precipitation across Oklahoma. The odds for below normal precipitation are enhanced across much of western and central Oklahoma.

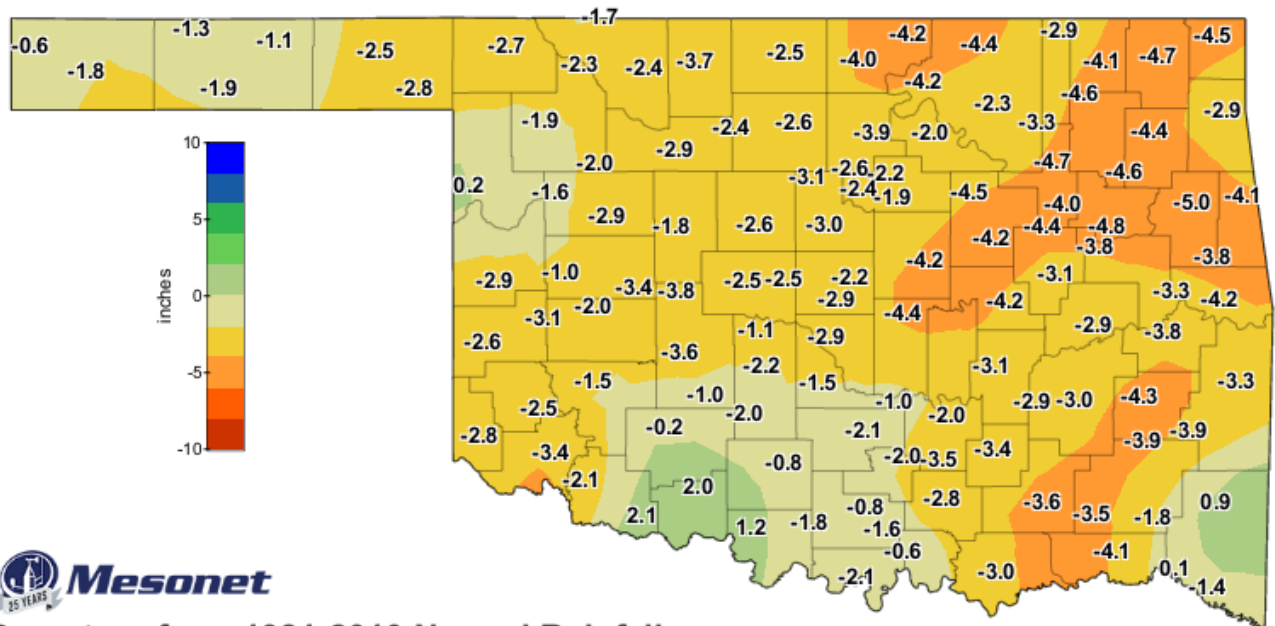
JUNE 2020 OBSERVED PRECIPITATION



Observed Mesonet Rainfall
Calendar Month to Date

Jun 1, 2020 through Jun 30, 2020
Created 12:00:41 PM July 1, 2020 UTC. Copyright 2020

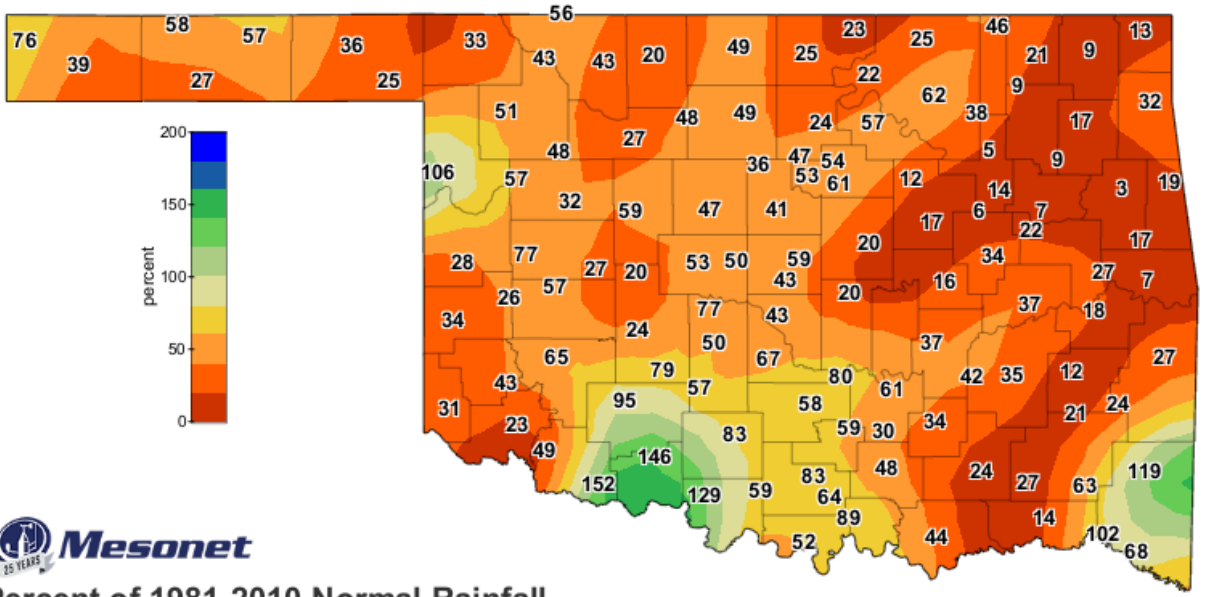
JUNE 2020 DEPARTURE FROM NORMAL PRECIPITATION



Departure from 1981-2010 Normal Rainfall
Calendar Month to Date

Jun 1, 2020 through Jun 30, 2020
Created 12:00:40 PM July 1, 2020 UTC. Copyright 2020

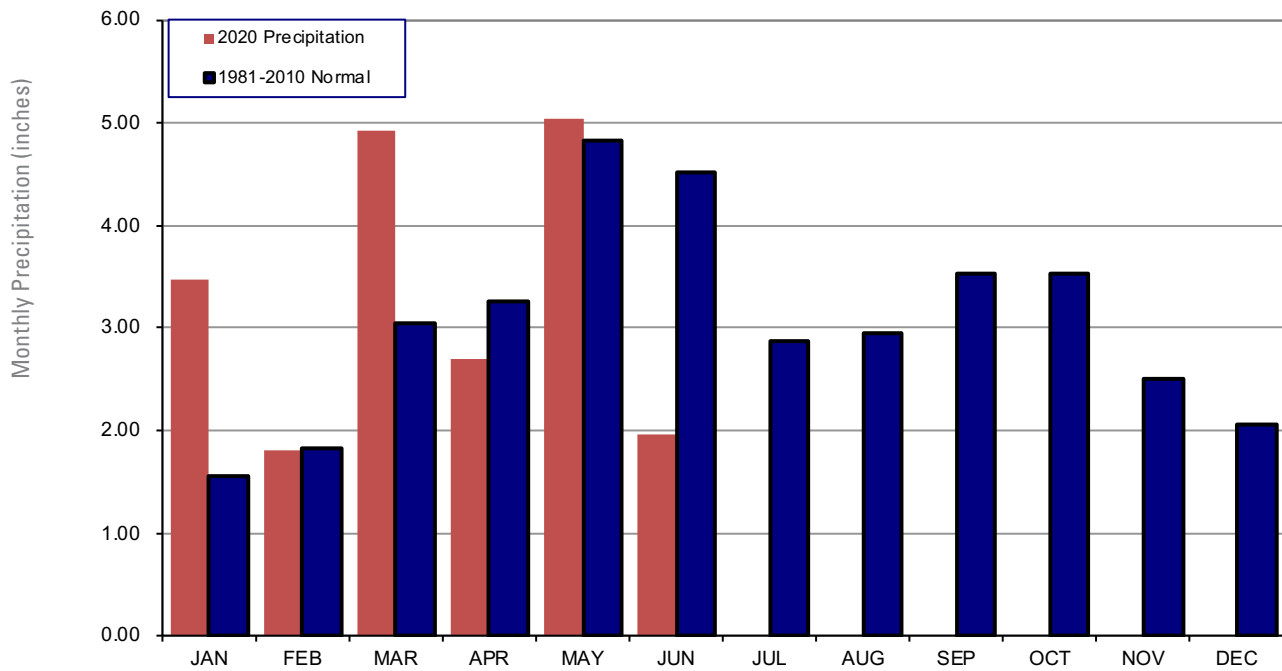
JUNE 2020 PERCENT OF NORMAL PRECIPITATION



MESONET MONTHLY SUMMARY FOR JUNE 2020

| NAME | MEAN TEMP | HIGH TEMP | LOW TEMP | DAY | HDD | CDD | TOT PPT | HIGH 24-HR | DAY | NAME | MEAN TEMP | HIGH TEMP | LOW TEMP | DAY | HDD | CDD | TOT PPT | HIGH 24-HR | DAY | | |
|----------------------|-----------|-----------|----------|-----|-----|------|---------|------------|------|------|---------------|-----------|----------|-----|-----|-----|---------|------------|------|------|----|
| PANHANDLE | | | | | | | | | | | | | | | | | | | | | |
| Arnett | 78.0 | 102 | 30 | 50 | 10 | 1 | 390 | 3.94 | 1.59 | 19 | Goodwell | 79.1 | 105 | 29 | 43 | 10 | 5 | 427 | .70 | .56 | 22 |
| Beaver | 79.8 | 104 | 30 | 46 | 10 | 1 | 444 | 1.43 | 1.02 | 21 | Hooker | 79.2 | 105 | 29 | 44 | 10 | 4 | 429 | 1.48 | .60 | 11 |
| Boise City | 76.9 | 102 | 5 | 44 | 10 | 3 | 359 | 1.16 | .90 | 19 | Kenton | 77.2 | 102 | 5 | 40 | 10 | 4 | 369 | 1.84 | 1.03 | 19 |
| Buffalo | 81.5 | 108 | 30 | 54 | 10 | 0 | 496 | 1.33 | .91 | 21 | Slapout | 78.9 | 105 | 30 | 48 | 9 | 2 | 419 | .94 | .39 | 21 |
| Eva | 77.5 | 106 | 29 | 40 | 10 | 10 | 385 | 1.72 | 1.00 | 19 | | | | | | | | | | | |
| NORTH CENTRAL | | | | | | | | | | | | | | | | | | | | | |
| Alva | 80.2 | 104 | 30 | 52 | 11 | 0 | 455 | 1.85 | 1.25 | 21 | May Ranch | 79.4 | 105 | 30 | 54 | 9 | 0 | 432 | 2.24 | .98 | 19 |
| Blackwell | 79.3 | 97 | 30 | 52 | 11 | 0 | 428 | 1.35 | 1.16 | 19 | Medford | 79.8 | 101 | 4 | 51 | 11 | 0 | 444 | 2.41 | 2.09 | 19 |
| Breckinridge | 79.7 | 100 | 4 | 53 | 11 | 0 | 440 | 2.51 | 1.34 | 19 | Newkirk | 78.2 | 94 | 30 | 57 | 11 | 0 | 395 | 1.27 | 1.07 | 19 |
| Cherokee | 81.2 | 105 | 30 | 51 | 11 | 0 | 485 | .90 | .64 | 19 | Red Rock | 78.9 | 96 | 30 | 52 | 11 | 0 | 418 | 1.23 | 1.03 | 19 |
| Fairview | 81.3 | 104 | 30 | 59 | 10 | 0 | 488 | 1.03 | .61 | 19 | Seiling | 80.1 | 105 | 30 | 52 | 11 | 0 | 453 | 1.87 | 1.01 | 21 |
| Freedom | 80.5 | 107 | 30 | 56 | 10 | 0 | 465 | 1.76 | 1.25 | 21 | Woodward | 79.8 | 104 | 30 | 53 | 10 | 0 | 443 | 1.97 | 1.17 | 21 |
| Lahoma | 79.9 | 102 | 4 | 52 | 11 | 0 | 447 | 2.25 | 1.72 | 19 | | | | | | | | | | | |
| NORTHEAST | | | | | | | | | | | | | | | | | | | | | |
| Bixby | 78.7 | 95 | 9 | 54 | 11 | 0 | 411 | .64 | .57 | 23 | Pawnee | 78.6 | 95 | 6 | 52 | 11 | 0 | 409 | 2.62 | 2.14 | 19 |
| Burbank | 77.3 | 94 | 30 | 50 | 11 | 0 | 370 | 1.19 | 1.11 | 19 | Porter | 78.6 | 95 | 9 | 53 | 11 | 0 | 407 | .34 | .18 | 22 |
| Copan | 78.2 | 94 | 9 | 53 | 11 | 0 | 396 | 2.48 | 1.86 | 19 | Pryor | 78.0 | 95 | 6 | 52 | 11 | 0 | 390 | .93 | .39 | 19 |
| Foraker | 77.1 | 92 | 6 | 55 | 11 | 0 | 362 | 1.45 | 1.32 | 19 | Skiatook | 78.3 | 94 | 6 | 57 | 11 | 0 | 399 | 2.04 | 1.91 | 19 |
| Inola | 77.8 | 94 | 6 | 53 | 11 | 0 | 384 | .46 | .33 | 19 | Talala | 78.8 | 94 | 6 | 55 | 11 | **** | **** | .46 | .43 | 19 |
| Jay | 76.4 | 92 | 6 | 51 | 11 | 0 | 341 | 1.40 | .74 | 4 | Tulsa | 80.1 | 95 | 6 | 56 | 11 | 0 | 454 | .24 | .14 | 19 |
| Miami | 77.1 | 93 | 6 | 53 | 11 | 0 | 364 | .67 | .59 | 4 | Vinita | 76.8 | 93 | 6 | 52 | 11 | 0 | 355 | .48 | .22 | 30 |
| Nowata | 77.4 | 93 | 6 | 50 | 11 | 0 | 371 | 1.07 | .72 | 19 | Wynona | 77.9 | 93 | 6 | 52 | 11 | 0 | 386 | 3.77 | 3.70 | 19 |
| WEST CENTRAL | | | | | | | | | | | | | | | | | | | | | |
| Bessie | 79.5 | 104 | 30 | 52 | 10 | 0 | 436 | 2.69 | 1.21 | 21 | Erick | 79.9 | 109 | 30 | 51 | 10 | 0 | 448 | 1.32 | 1.00 | 4 |
| Butler | 79.7 | 105 | 30 | 51 | 10 | 0 | 441 | 3.36 | 1.21 | 21 | Putnam | 79.2 | 105 | 30 | 54 | 10 | 0 | 427 | 1.36 | .74 | 19 |
| Camargo | 78.7 | 105 | 30 | 48 | 10 | 0 | 410 | 2.13 | .90 | 19 | Watonga | 80.3 | 103 | 4 | 57 | 10 | 0 | 460 | 2.48 | 1.19 | 19 |
| Cheyenne | 79.3 | 105 | 30 | 52 | 9 | 1 | 429 | 1.15 | .44 | 22 | Weatherford | 79.2 | 101 | 4 | 47 | 10 | 0 | 426 | 1.24 | .99 | 21 |
| Elk City | 79.2 | 108 | 30 | 50 | 10 | 0 | 425 | 1.10 | .58 | 22 | | | | | | | | | | | |
| CENTRAL | | | | | | | | | | | | | | | | | | | | | |
| Acme | 77.9 | 96 | 4 | 52 | 11 | 0 | 386 | 2.72 | 1.32 | 19 | Norman | 78.6 | 94 | 4 | 53 | 11 | 0 | 408 | 2.19 | 1.48 | 19 |
| Bristow | 76.7 | 93 | 4 | 50 | 11 | 0 | 350 | .86 | .36 | 23 | Oilton | 77.7 | 93 | 4 | 49 | 11 | 0 | 380 | .60 | .49 | 19 |
| Lake Carl Blac | 78.3 | 97 | 4 | 48 | 11 | 0 | 399 | 2.28 | 1.81 | 19 | OKC East | 79.3 | 96 | 4 | 53 | 11 | 0 | 428 | 2.19 | 1.61 | 19 |
| Chandler | 78.2 | 95 | 4 | 54 | 11 | 0 | 395 | 1.02 | .82 | 19 | Okemah | 77.9 | 94 | 4 | 53 | 11 | 0 | 387 | .81 | .67 | 22 |
| Chickasha | 77.8 | 98 | 4 | 50 | 11 | 0 | 384 | 2.22 | 1.01 | 19 | Perkins | 79.6 | 97 | 4 | 53 | 11 | 0 | 438 | 3.04 | 2.87 | 19 |
| El Reno | 76.7 | 96 | 4 | 50 | 11 | 0 | 352 | 2.76 | 1.45 | 19 | Seminole | 77.2 | 93 | 5 | 55 | 11 | 0 | 366 | 1.88 | .89 | 19 |
| Guthrie | 79.5 | 98 | 4 | 58 | 11 | 0 | 434 | 2.13 | 1.48 | 19 | Shawnee | 78.6 | 94 | 30 | 54 | 11 | 0 | 408 | 1.07 | .80 | 19 |
| Kingfisher | 80.6 | 102 | 4 | 51 | 11 | 0 | 467 | 2.33 | 1.31 | 21 | Spencer | 78.5 | 97 | 4 | 57 | 11 | 0 | 405 | 3.09 | 2.94 | 19 |
| Marena | 77.9 | 95 | 4 | 55 | 11 | 0 | 386 | 2.60 | 1.84 | 19 | Stillwater | 78.8 | 96 | 4 | 51 | 11 | 0 | 415 | 2.60 | 2.08 | 19 |
| Minco | 77.7 | 96 | 4 | 54 | 10 | 0 | 380 | 3.59 | 1.92 | 21 | Washington | 77.2 | 94 | 4 | 51 | 11 | 0 | 365 | 3.14 | 1.47 | 21 |
| Marshall | 79.3 | 98 | 4 | 51 | 11 | 0 | 429 | 1.73 | .87 | 19 | Yukon | 78.5 | 97 | 4 | 56 | 11 | 0 | 406 | 2.52 | 1.64 | 19 |
| Marshall | 84.0 | 106 | 22 | 64 | 4 | 0 | 590 | 1.92 | 1.41 | 3 | | | | | | | | | | | |
| EAST CENTRAL | | | | | | | | | | | | | | | | | | | | | |
| Cookson | 76.4 | 93 | 6 | 51 | 11 | 0 | 341 | .78 | .25 | 23 | Sallisaw | 77.8 | 95 | 6 | 53 | 11 | 0 | 384 | .31 | .09 | 20 |
| Eufaula | 78.6 | 94 | 9 | 55 | 11 | 0 | 408 | 1.72 | .95 | 23 | Stigler | 77.8 | 94 | 9 | 53 | 11 | 0 | 385 | .81 | .44 | 20 |
| Haskell | 77.9 | 95 | 9 | 54 | 11 | 0 | 386 | 1.05 | .82 | 23 | Stuart | 77.9 | 93 | 9 | 55 | 11 | 0 | 386 | 2.07 | 1.39 | 23 |
| Hectorville | 78.6 | 94 | 6 | 58 | 11 | 0 | 408 | .27 | .11 | 22 | Tahlequah | 76.9 | 93 | 6 | 51 | 11 | 0 | 357 | .13 | .11 | 22 |
| Holdenville | 78.1 | 93 | 5 | 58 | 11 | 0 | 393 | 1.80 | 1.07 | 19 | Webbers Falls | 78.2 | 96 | 9 | 55 | 11 | 0 | 397 | 1.23 | .63 | 23 |
| McAlester | 77.4 | 93 | 6 | 52 | 11 | 0 | 371 | 1.61 | .68 | 22 | Westville | 75.7 | 92 | 6 | 53 | 11 | 0 | 322 | .93 | .85 | 4 |
| Okmulgee | 77.0 | 93 | 6 | 51 | 11 | 0 | 359 | 1.60 | .88 | 23 | | | | | | | | | | | |
| SOUTHWEST | | | | | | | | | | | | | | | | | | | | | |
| Altus | 81.4 | 109 | 30 | 54 | 10 | 0 | 493 | 1.02 | .84 | 19 | Hollis | 80.2 | 108 | 30 | 50 | 10 | 0 | 457 | 1.24 | .85 | 19 |
| Apache | 78.1 | 98 | 4 | 52 | 10 | 0 | 394 | 3.68 | 2.10 | 19 | Mangum | 79.9 | 107 | 30 | 47 | 10 | 0 | 446 | 1.91 | .75 | 23 |
| Fort Cobb | 78.6 | 100 | 4 | 52 | 10 | 0 | 408 | 1.15 | .73 | 21 | Medicine Park | 78.2 | 96 | 4 | 54 | 10 | 0 | 395 | 4.30 | 2.86 | 21 |
| Grandfield | 80.2 | 101 | 4 | 53 | 10 | 0 | 457 | 6.22 | 3.62 | 19 | Tipton | 80.0 | 102 | 30 | 49 | 10 | 0 | 450 | 2.03 | 1.59 | 19 |
| Hinton | 78.6 | 100 | 4 | 52 | 10 | 0 | 407 | .92 | .46 | 21 | Walters | 78.8 | 100 | 4 | 52 | 10 | **** | **** | 6.32 | 3.14 | 19 |
| Hobart | 80.2 | 103 | 30 | 52 | 10 | **** | **** | 2.74 | 1.39 | 23 | | | | | | | | | | | |
| SOUTH CENTRAL | | | | | | | | | | | | | | | | | | | | | |
| Ada | 77.9 | 94 | 4 | 51 | 11 | 0 | 386 | 3.02 | 1.42 | 21 | Lane | 78.0 | 94 | 6 | 52 | 11 | 0 | 390 | 1.10 | .57 | 22 |
| Ardmore | 78.9 | 96 | 4 | 57 | 11 | 0 | 417 | 2.84 | 1.05 | 21 | Madill | 78.1 | 93 | 5 | 51 | 11 | 0 | 394 | 4.26 | 2.10 | 21 |
| Burneyville | 78.0 | 95 | 4 | 52 | 11 | 0 | 389 | 2.29 | .67 | 21 | Newport | 78.2 | 95 | 4 | 54 | 10 | **** | **** | 3.60 | 1.42 | 19 |
| Byars | 78.2 | 94 | 4 | 57 | 11 | 0 | 397 | 4.10 | 2.18 | 21 | Pauls Valley | 78.4 | 95 | 4 | 52 | 11 | 0 | 401 | 2.83 | 1.45 | 19 |
| Centrahoma | 77.7 | 94 | 6 | 51 | 11 | 0 | 380 | 1.70 | .82 | 22 | Ringling | 79.1 | 97 | 4 | 52 | 10 | 0 | 424 | 2.58 | .85 | 4 |
| Durant | 78.9 | 95 | 6 | 55 | 11 | 0 | 417 | 2.33 | .89 | 22 | Sulphur | 77.9 | 94 | 4 | 51 | 11 | 0 | 386 | 2.84 | 1.05 | 19 |
| Fittstown | 76.9 | 93 | 5 | 52 | 11 | 0 | 358 | 1.50 | .52 | 23 | Tishomingo | 77.8 | 94 | 6 | 53 | 11 | 0 | 385 | 2.55 | 1.13 | 19 |
| Ketchum Ranch | 78.1 | 96 | 4 | 54 | 11 | 0 | 392 | 3.83 | 2.37 | 19 | Waurika | 79.0 | 98 | 4 | 52 | 11 | 0 | 421 | 5.42 | 2.79 | 21 |
| SOUTHEAST | | | | | | | | | | | | | | | | | | | | | |
| Antlers | 77.6 | 95 | 6 | 50 | 11 | 0 | 378 | 1.28 | .75 | 21 | Mt Herman | 76.9 | 94 | 9 | 52 | 11 | **** | **** | 5.37 | 4.31 | 21 |
| Broken Bow | 77.2 | 95 | 6 | 53 | 11 | **** | **** | 3.71 | 2.68 | 21 | Talihina | 77.6 | 95 | 6 | 49 | 11 | 0 | 377 | 1.24 | .87 | 21 |
| Clayton | 77.9 | 94 | 6 | 51 | 11 | 0 | 386 | 1.01 | .39 | 21 | Valliant | 78.9 | 98 | 9 | 53 | 11 | 0 | 416 | 4.27 | 2.27 | 21 |
| Cloudy | 77.3 | 94 | 9 | 52 | 11 | 0 | 368 | 2.99 | 1.24 | 21 | Wilburton | 78.2 | 94 | 9 | 51 | 11 | 0 | 395 | .57 | .29 | 22 |
| Hugo | 79.0 | 96 | 9 | 56 | 11 | **** | **** | .69 | .37 | 22 | Wister | 76.3 | 94 | 5 | 49 | 11 | 0 | 338 | 1.23 | .67 | 4 |
| Idabel | 78.5 | 96 | 9 | 54 | 11 | 0 | 406 | 2.90 | 1.04 | 21 | | | | | | | | | | | |

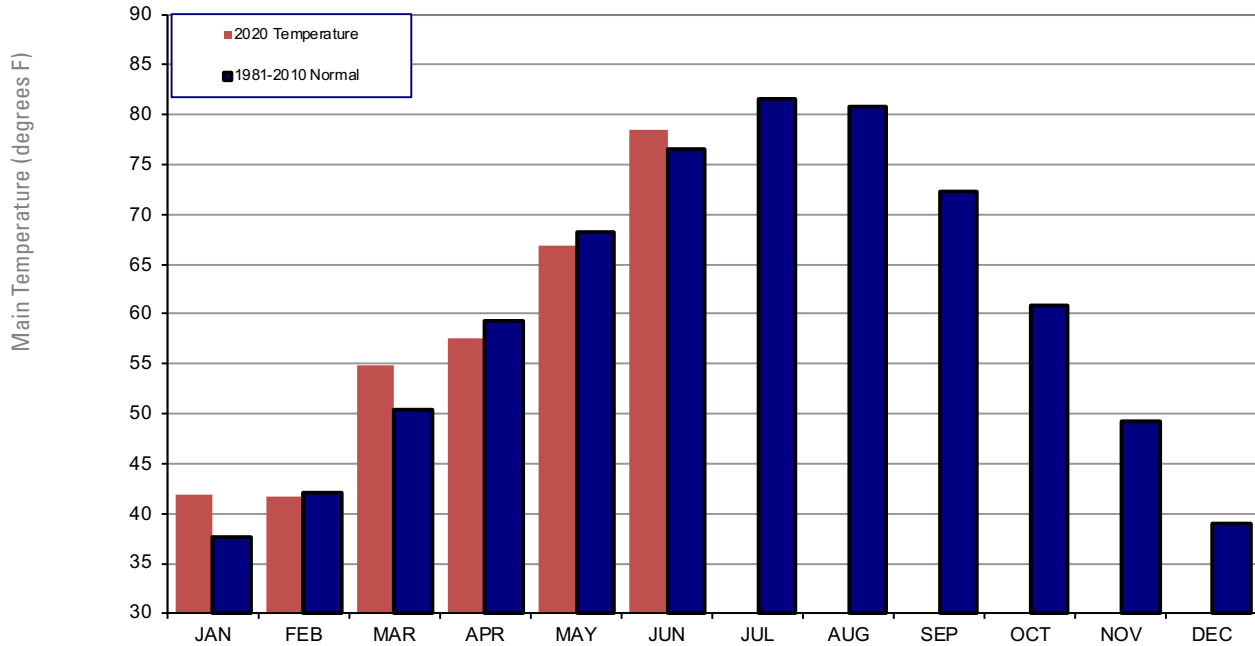
2020 STATEWIDE PRECIPITATION MONTHLY TOTALS VS. NORMAL



June 2020 Mesonet Precipitation Comparison

| Climate Division | Precipitation (inches) | Departure from Normal (inches) | Rank since 1895 | Wettest on Record (Year) | Driest on Record (Year) | Jun-19 (inches) |
|------------------|------------------------|--------------------------------|-----------------|--------------------------|-------------------------|-----------------|
| Panhandle | 1.62 | -1.55 | 29th Driest | 7.09 (1962) | 0.29 (1911) | 3.24 |
| North Central | 1.74 | -2.79 | 12th Driest | 10.87 (2007) | 0.40 (1933) | 4.40 |
| Northeast | 1.27 | -3.97 | 3rd Driest | 12.64 (2007) | 0.28 (1933) | 7.19 |
| West Central | 1.87 | -2.28 | 26th Driest | 8.90 (1962) | 0.30 (1933) | 3.48 |
| Central | 2.15 | -2.77 | 27th Driest | 12.63 (2007) | 0.41 (1933) | 5.07 |
| East Central | 1.10 | -3.70 | 6th Driest | 12.47 (1935) | 0.69 (2011) | 6.26 |
| Southwest | 2.87 | -1.40 | 54th Driest | 9.96 (2007) | 0.43 (1911) | 2.52 |
| South Central | 2.92 | -1.81 | 42nd Driest | 11.30 (1908) | 0.25 (1933) | 5.06 |
| Southeast | 2.15 | -2.50 | 20th Driest | 11.51 (1935) | 0.77 (1933) | 8.55 |
| Statewide | 1.97 | -2.55 | 15th Driest | 9.52 (2007) | 0.44 (1933) | 5.09 |

2020 STATEWIDE TEMPERATURE MONTHLY TOTALS VS. NORMAL



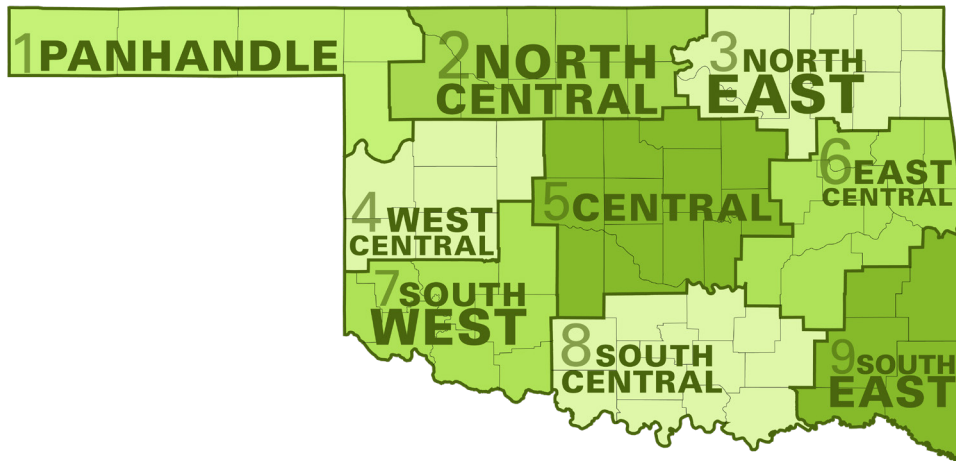
June 2020 Mesonet Temperature Comparison

| Climate Division | Average Temp (F) | Departure from Normal (F) | Rank since 1895 | Hottest on Record (Year) | Coldest on Record (Year) | Jun-19 (F) |
|------------------|------------------|---------------------------|-----------------|--------------------------|--------------------------|------------|
| Panhandle | 78.7 | 4.5 | 13th Warmest | 82.9 (1953) | 67.0 (1903) | 72.0 |
| North Central | 79.9 | 3.3 | 17th Warmest | 85.2 (1953) | 69.1 (1903) | 75.0 |
| Northeast | 77.6 | 1.8 | 39th Warmest | 84.4 (1911) | 70.3 (1903) | 75.0 |
| West Central | 79.5 | 2.8 | 22nd Warmest | 85.7 (1953) | 70.0 (1903) | 75.2 |
| Central | 78.3 | 1.5 | 39th Warmest | 85.2 (1911) | 71.1 (1903) | 75.8 |
| East Central | 77.6 | 1.2 | 49th Warmest | 84.5 (1953) | 70.3 (1903) | 75.7 |
| Southwest | 79.3 | 1.0 | 51st Warmest | 87.3 (2011) | 72.4 (1903) | 77.2 |
| South Central | 78.2 | 0.3 | 60th Coolest | 85.7 (1911) | 72.0 (1903) | 76.8 |
| Southeast | 77.6 | 1.5 | 39th Warmest | 83.5 (1953) | 70.6 (1903) | 75.6 |
| Statewide | 78.5 | 2.0 | 32nd Warmest | 84.8 (1953) | 70.3 (1903) | 75.4 |

MESONET EXTREMES FOR JUNE 2020

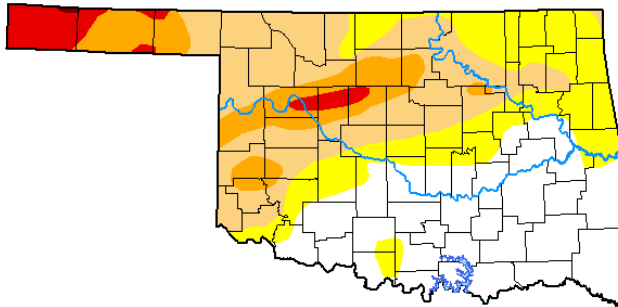
| Climate Division | High Temp (F) | Day | Station | Low Temp (F) | Day | Station | High Monthly Rainfall (inches) | Station | High Daily Rainfall (inches) | Day | Station |
|------------------|---------------|------|---------------|--------------|------|------------------------|--------------------------------|--------------|------------------------------|------|------------|
| Panhandle | 108 | 30th | Buffalo | 40 | 10th | Kenton | 3.94 | Arnett | 1.59 | 19th | Arnett |
| North Central | 107 | 30th | Freedom | 51 | 11th | Cherokee | 2.51 | Breckinridge | 2.09 | 19th | Medford |
| Northeast | 95 | 6th | Pryor | 50 | 11th | Burbank | 3.77 | Wynona | 3.70 | 19th | Wynona |
| West Central | 109 | 30th | Erick | 47 | 10th | Weatherford | 3.36 | Butler | 1.21 | 21st | Bessie |
| Central | 102 | 4th | Kingfisher | 48 | 11th | Lake Carl Blackwell | 3.59 | Minco | 2.94 | 19th | Spencer |
| East Central | 96 | 9th | Webbers Falls | 51 | 11th | Okmulgee | 2.07 | Stuart | 1.39 | 23rd | Stuart |
| Southwest | 109 | 30th | Altus | 47 | 10th | Mangum | 6.32 | Walters | 3.62 | 19th | Grandfield |
| South Central | 98 | 4th | Waurika | 51 | 11th | Ada | 5.42 | Waurika | 2.79 | 21st | Waurika |
| Southeast | 98 | 9th | Valliant | 49 | 11th | Talihina | 5.37 | Mt Herman | 4.31 | 21st | Mt Herman |
| Statewide | 109 | 30th | Altus | 40 | 10th | Kenton | 6.32 | Walters | 4.31 | 21st | Mt Herman |

Oklahoma Climate Divisions



U.S. Drought Monitor Oklahoma

June 30, 2020
(Released Thursday, Jul. 2, 2020)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|-------|-------|-------|-------|------|
| Current | 34.87 | 65.13 | 43.03 | 15.39 | 4.46 | 0.10 |
| Last Week 06-23-2020 | 43.25 | 56.75 | 34.75 | 13.95 | 4.26 | 0.00 |
| 3 Months Ago 03-31-2020 | 95.89 | 4.11 | 2.52 | 0.84 | 0.00 | 0.00 |
| Start of Calendar Year 12-31-2019 | 76.45 | 23.55 | 10.47 | 3.64 | 0.00 | 0.00 |
| Start of Water Year 10-01-2019 | 71.94 | 28.06 | 11.08 | 1.01 | 0.00 | 0.00 |
| One Year Ago 07-02-2019 | 99.98 | 0.02 | 0.00 | 0.00 | 0.00 | 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:

Adam Hartman
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

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: <http://aa.usno.navy.mil/data>

SEVERE STORM REPORTS

Storm Prediction Center: <http://spc.noaa.gov/climo/>

National Centers for Environmental Information:
<https://www.ncdc.noaa.gov/stormevents/>

SEASONAL OUTLOOKS

Climate Prediction Center:
http://www.cpc.ncep.noaa.gov/products/OUTLOOKS_index.shtml

CLIMATE CALENDARS AND OTHER LOCAL WEATHER AND CLIMATE INFORMATION

Oklahoma Climatological Survey:
<http://climate.mesonet.org> or <http://climate.ok.gov/>



Oklahoma Climatological Survey is the State Climate Office for Oklahoma

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