

OKLAHOMA MONTHLY CLIMATE SUMMARY

MARCH 2001

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Oklahoma Climatological Survey

MONTHLY SUMMARY FOR MARCH 2001

March 2001

Statewide average temperature = 46.4° F

Statewide average rainfall = 1.45 inches

March 2001 was both cooler and drier than normal. A succession of winter storms brought cold and snow to the state on three different occasions, without providing substantial amounts of moisture. The statewide-averaged temperature of 46.4 degrees was 4.3 degrees less than normal for the month, ranking this as Oklahoma's 21st coolest March since 1892. Monthly precipitation, when averaged across the state, totaled 1.45 inches, 1.36 inches less than normal and 27th least in March in the 110 years of reliable records.

The low temperatures brought the annual temperature-to-date to 41 degrees, 1.9 degrees less than normal, to rank this as the 20th coolest January-through-March on record. The five-month-long period, November 2000 through March 2001, had an average temperature of 39.4 degrees, 4.2 degrees less than normal to rank as the third coldest November-March on record. Only the winters of 1898-99 and 1911-12 were colder. Statewide-averaged precipitation over the first three months of 2001 was 7.72 inches, 1.91 inches greater than normal and the 13th greatest January-March precipitation on record.

Winter precipitation, including snow, sleet, and freezing rain, was reported in far northwestern Oklahoma on the 1st. Accumulations were slight, led by a 2-inch snowfall accumulation recorded at Hammon (Roger Mills County). The lowest temperatures of the month were recorded on the 1st when the Texas County Mesonet at sites at Goodwell and Hooker recorded daily minimum temperatures of 7 and 9 degrees, respectively. Elsewhere in the state, Broken Bow (McCurtain) reported 1.43 inches of rain and Coleman (Johnston) recorded 1.10 inches.

March Normals

Statewide average temperature = 50.7° F

Statewide average rainfall = 2.81 inches

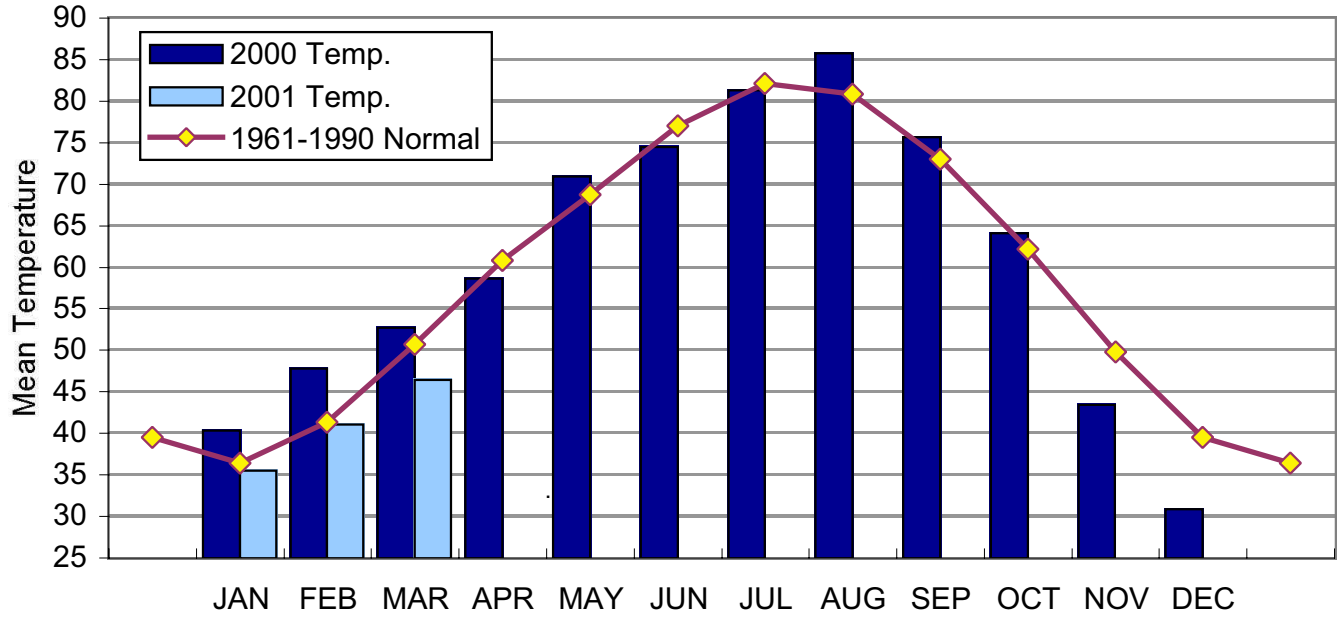
Thunderstorms on the 11th, extending through the morning of the 12th, produced high winds and spotty precipitation. Mesonet sites near Bristow (Creek) and Vinita (Craig) reported winds gusting to 53 miles per hour. Idabel (McCurtain) reported 2.18 inches of precipitation on the 12th. Carter Tower, Broken Bow, and Carnasaw Tower in McCurtain and Wann in Nowata County each reported 1.70 inches or more. A winter storm crossed the state on the 13th and 14th, producing 7 inches of snow at Boise City (Cimarron) and 3 inches at Beaver (Beaver). Otherwise precipitation was less than an inch, but the system produced very strong wind. Southerly winds in the west on the 14th produced gusts to 62 miles per hour at Boise City and Seiling (Dewey), according to Mesonet reports. Strong wind blew the roof off of a theater in Woodward (Woodward). On the 15th, with the prevailing winds having turned to northerly, high winds persisted throughout the day. Forty-nine Mesonet sites in the western half of the state recorded daily average wind speeds over 20 miles per hour. Winds at Alva (Woods) and Cheyenne (Roger Mills) averaged over 30 miles per hour over the full 24-hour period. Wind damage was reported in Stephens, Kiowa, Woodward, Custer, Jackson, Dewey, and Bryan counties.

(Continued on page 3.)

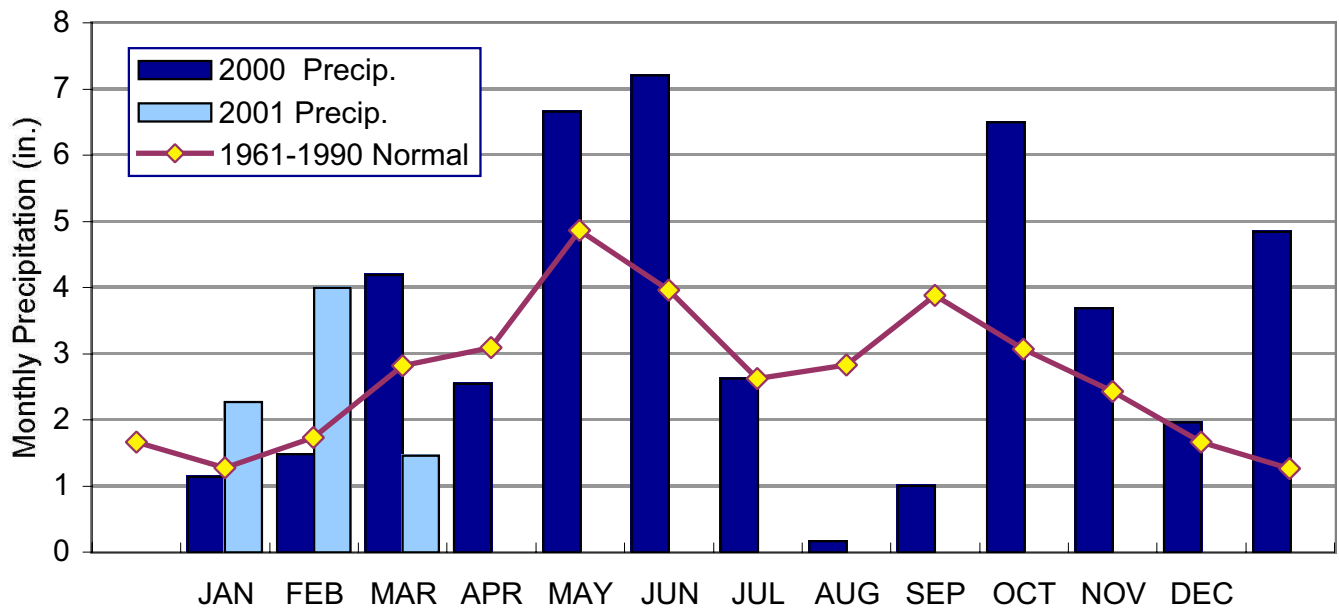
A period of mild temperatures that ensued shortly after mid-month, including 85-degree temperatures recorded by the Mesonet at Beaver and Slapout in Beaver County on the 21st, was terminated by a cold front and a less intense winter storm system from the 23rd through the 26th. Beaver reported 4 inches of snow on the 26th as snow and sleet was reported throughout the western third of the state. Allen (Pontotoc) reported 1.80 inches of rain. Mesonet sites near Ringling (Jefferson), Clayton (Pushmataha), and Talihina (LeFlore) recorded more than an inch of rain, as did conventional reporting stations at McGee Creek Dam (Atoka) and Ashland (Pittsburg).

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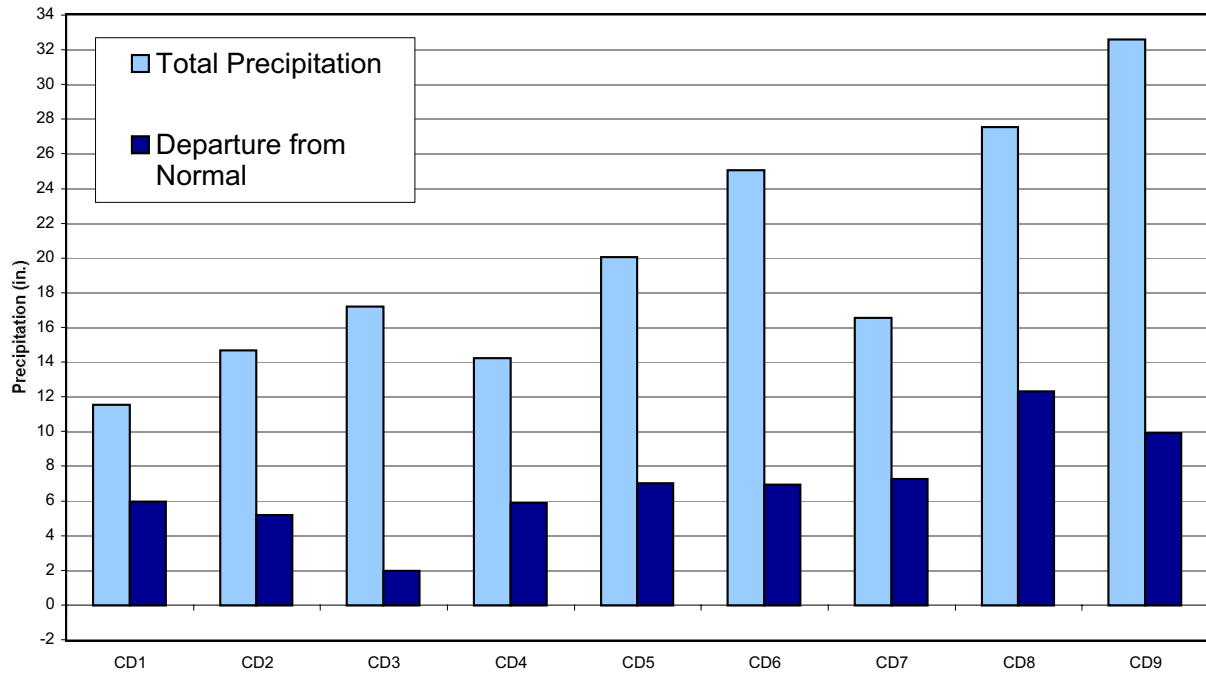
2000 AND 2001 STATEWIDE TEMPERATURES - MONTHLY AVERAGES



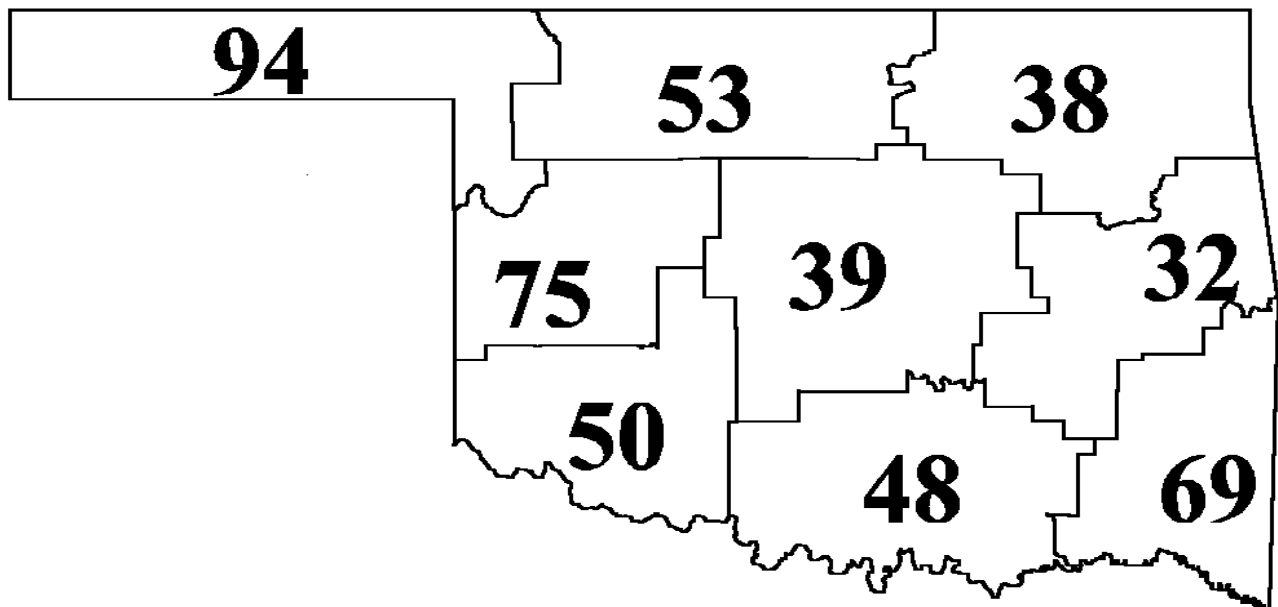
2000 AND 2001 STATEWIDE PRECIPITATION - MONTHLY TOTALS



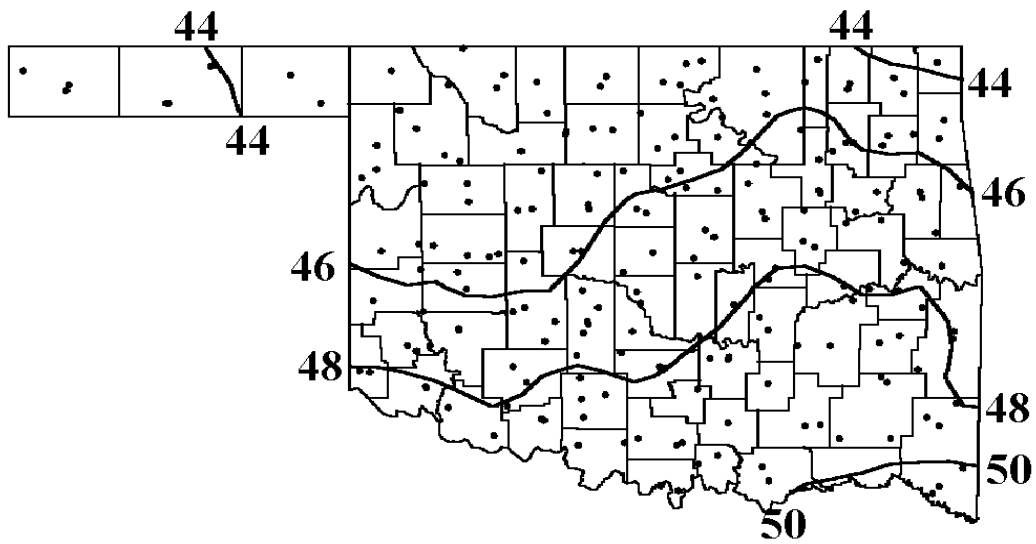
CLIMATE DIVISION AVERAGED PRECIPITATION - OCTOBER 2000 THROUGH MARCH 2001



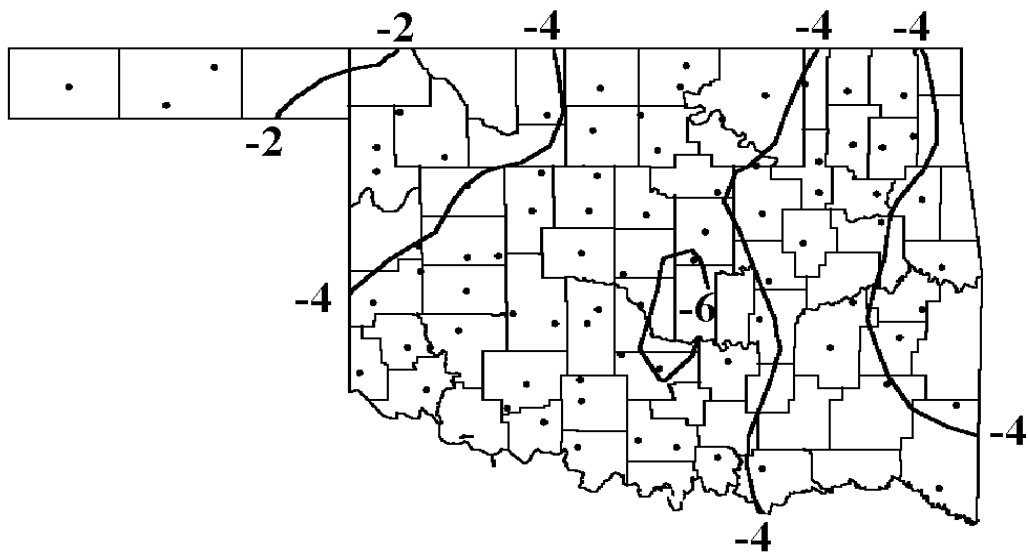
CLIMATE DIVISION PERCENT OF NORMAL PRECIPITATION - MARCH 2001



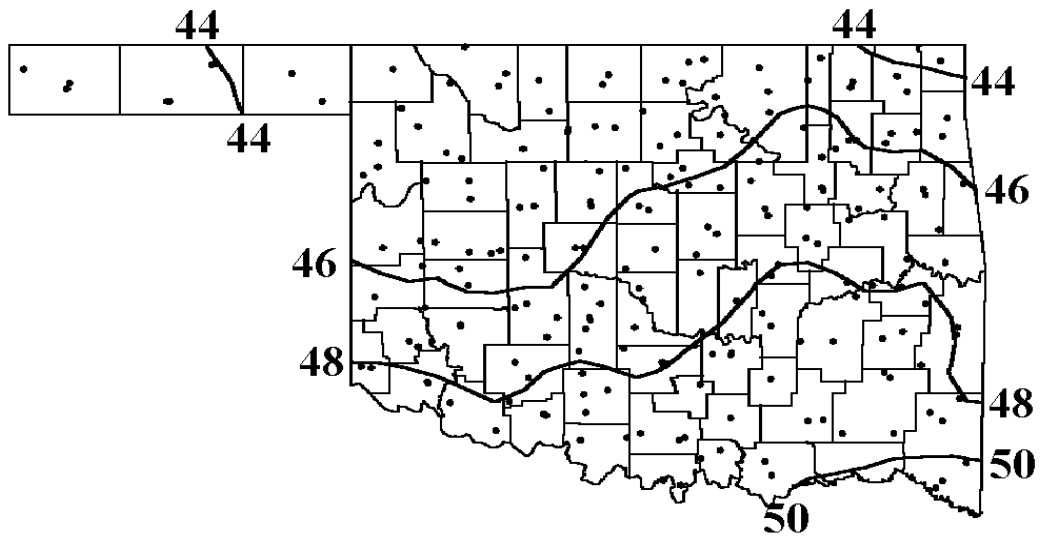
MARCH 2001 AVERAGE MONTHLY TEMPERATURE (°F)



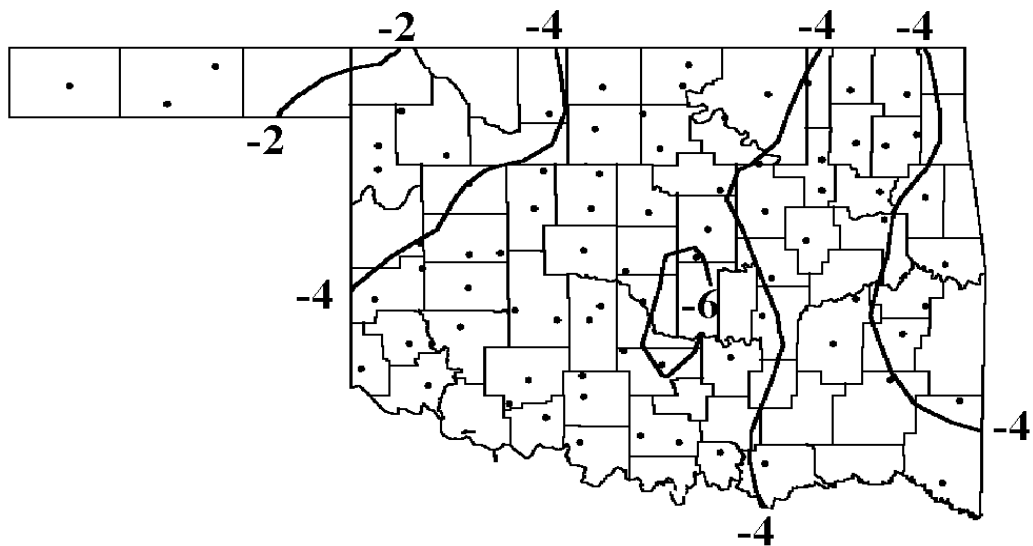
MARCH 2001 DEPARTURE FROM NORMAL TEMPERATURE (°F)



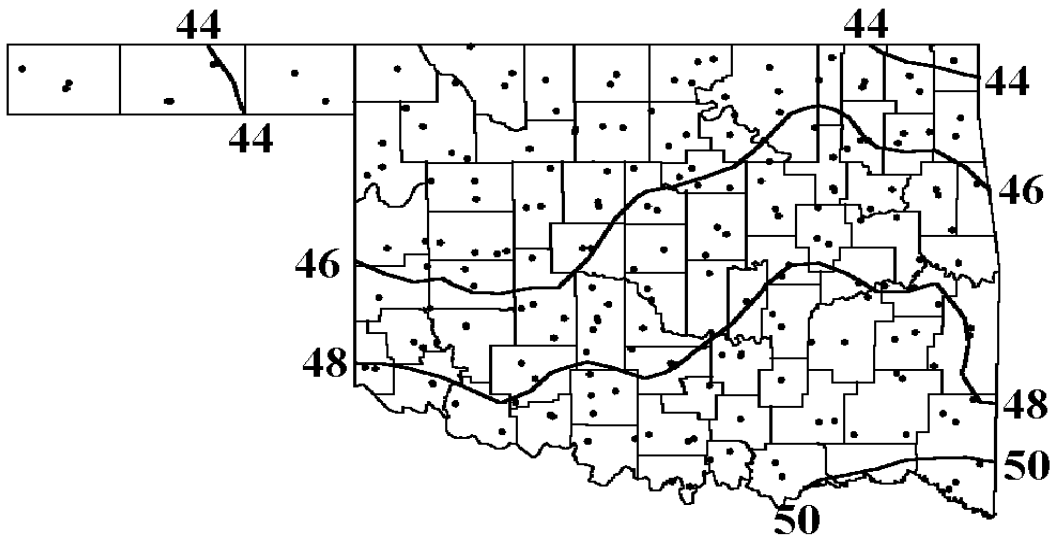
MARCH 2001 TOTAL PRECIPITATION (INCHES)



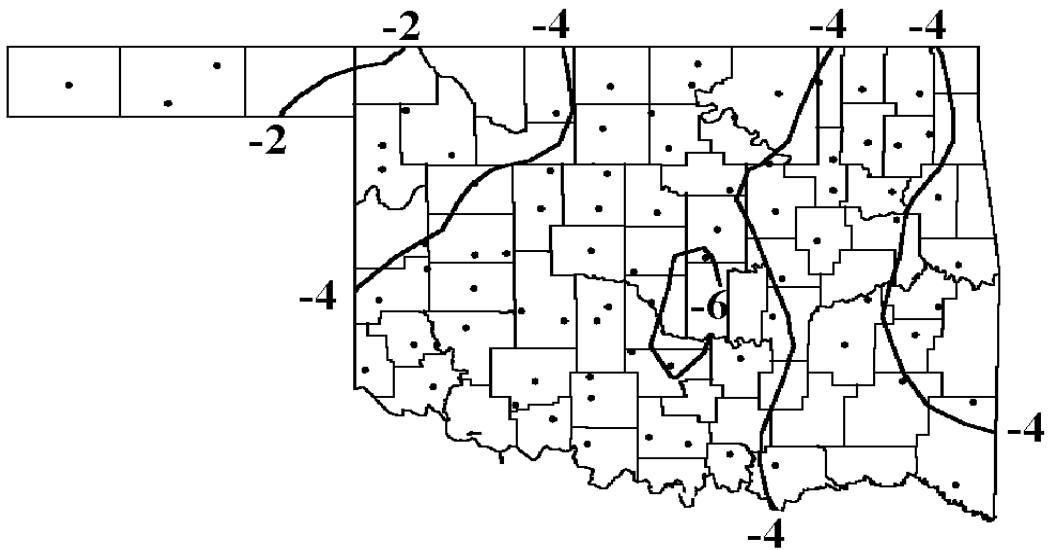
MARCH 2001 DEPARTURE FROM NORMAL PRECIPITATION (INCHES)



MARCH 2001 ACCUMULATED HEATING DEGREE DAYS (°F)



MARCH 2001 DEPARTURE FROM NORMAL HEATING DEGREE DAYS (°F)



MARCH 2001 SUMMARY FOR PANHANDLE CLIMATE DIVISION (CD1)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | MIN TEMP | DAY | HEAT DEG DAY | DEV FROM NORM | COOL DEG DAY | DEV FROM NORM | TOT PPT | NUM OBS | DEV | | DAY | |
|------------|------|----|--------------|------------|--------------|-------------|-------------|------|--------------------|---------------------|--------------------|---------------------|------------|------------|--------------|--------------|------|----|
| | | | | | FROM NORM | MAX TEMP | | | | | | | | | FROM NORM | MAX 24-HR | | |
| ARNETT | 332 | 1 | 43.0 | 31 | -2.8 | 78 | 22 | 16 | 1 | 683 | 88 | 0 | 0 | 1.100 | 31 | -0.53 | 0.28 | 1 |
| BEAVER | 593 | 1 | 42.3 | 29 | ***** | 83 | 22 | 14 | 1 | 658 | ***** | 0 | ***** | 2.031 | 29 | ***** | 0.48 | 14 |
| BOISE CITY | 908 | 1 | 43.6 | 31 | -1.7 | 78 | 21 | 17 | 1 | 663 | 52 | 0 | 0 | 1.905 | 31 | 1.02 | 0.80 | 24 |
| BUFFALO | 1243 | 1 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.950 | 31 | -0.91 | 0.70 | 15 |
| FARGO | 3070 | 1 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.203 | 31 | -0.43 | 0.35 | 15 |
| GAGE | 3407 | 1 | 44.1 | 31 | -3.9 | 81 | 22 | 17 | 1 | 649 | 115 | 0 | -7 | 1.274 | 31 | -0.24 | 0.38 | 15 |
| GATE | 3489 | 1 | 43.6 | 29 | ***** | 80 | 22 | 16 | 1 | 622 | ***** | 0 | ***** | 2.430 | 29 | ***** | 0.87 | 15 |
| GOODWELL | 3628 | 1 | 42.6 | 31 | -1.3 | 80 | 22 | 8 | 1 | 695 | 41 | 0 | 0 | 1.071 | 31 | 0.20 | 0.35 | 24 |
| HOOKER | 4298 | 1 | 44.7 | 30 | -1.2 | 80 | 21 | 13 | 1 | 609 | 17 | 0 | 0 | 1.482 | 30 | ***** | 0.51 | 15 |
| LAVERNE | 5045 | 1 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.932 | 31 | 0.23 | 0.79 | 15 |
| TURPIN | 9017 | 1 | 42.5 | 24 | ***** | 81 | 22 | 15 | 2 | 540 | ***** | 0 | ***** | 1.990 | 24 | ***** | 0.57 | 12 |

MARCH 2001 SUMMARY FOR NORTH CENTRAL CLIMATE DIVISION (CD2)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | MIN TEMP | DAY | HEAT DEG DAY | DEV FROM NORM | COOL DEG DAY | DEV FROM NORM | TOT PPT | NUM OBS | DEV | | DAY | |
|--------------|------|----|--------------|------------|--------------|-------------|-------------|------|--------------------|---------------------|--------------------|---------------------|------------|------------|--------------|--------------|------|----|
| | | | | | FROM NORM | MAX TEMP | | | | | | | | | FROM NORM | MAX 24-HR | | |
| ALVA | 193 | 2 | 43.8 | 31 | ***** | 78 | 22 | 19 | 1 | 659 | ***** | 0 | ***** | 2.480 | 31 | ***** | 1.66 | 15 |
| VANCE AFB | 302 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.801 | 31 | ***** | 0.34 | 12 |
| BILLINGS | 755 | 2 | 44.0 | 31 | -3.8 | 75 | 22 | 22 | 1 | 653 | 112 | 0 | -8 | 0.791 | 31 | -1.90 | 0.25 | 12 |
| BLACKWELL 2E | 818 | 2 | 43.5 | 29 | ***** | 74 | 23 | 22 | 1 | 623 | ***** | 0 | ***** | 0.790 | 29 | ***** | 0.21 | 1 |
| BRAMAN | 1075 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.671 | 30 | ***** | 0.23 | 16 |
| CEDARDALE | 1620 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.590 | 31 | ***** | 0.46 | 16 |
| CHEROKEE | 1724 | 2 | 43.0 | 29 | ***** | 75 | 22 | 19 | 2 | 638 | ***** | 0 | ***** | 2.620 | 29 | ***** | 1.50 | 15 |
| ENID | 2912 | 2 | 44.6 | 31 | -5.3 | 75 | 22 | 21 | 1 | 633 | 155 | 0 | -10 | 1.485 | 31 | -0.80 | 0.63 | 12 |
| FT SUPPLY | 3304 | 2 | 44.2 | 31 | -1.8 | 80 | 21 | 17 | 1 | 644 | 48 | 0 | -7 | 1.623 | 31 | 0.00 | 0.91 | 14 |
| FREEDOM | 3358 | 2 | 45.8 | 29 | ***** | 82 | 23 | 19 | 1 | 558 | ***** | 0 | ***** | 1.774 | 31 | -0.09 | 0.86 | 15 |
| GREAT SALT P | 3740 | 2 | 44.7 | 29 | ***** | 76 | 22 | 20 | 1 | 590 | ***** | 0 | ***** | 1.020 | 29 | ***** | 0.40 | 16 |
| HARDY | 3909 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.880 | 31 | ***** | 0.42 | 12 |
| HELENA | 4019 | 2 | 43.4 | 31 | -2.9 | 75 | 22 | 19 | 1 | 671 | 91 | 0 | 0 | 1.491 | 31 | -0.90 | 0.41 | 16 |
| JEFFERSON | 4573 | 2 | 43.5 | 31 | -5.6 | 76 | 22 | 21 | 1 | 668 | 168 | 0 | -7 | 0.970 | 31 | -1.62 | 0.39 | 12 |
| LAHOMA | 4950 | 2 | 44.3 | 31 | ***** | 72 | 22 | 20 | 1 | 641 | ***** | 0 | ***** | 1.540 | 31 | ***** | 0.52 | 16 |
| LAMONT | 5013 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.761 | 31 | ***** | 0.20 | 16 |
| MEDFORD | 5768 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.860 | 31 | ***** | 0.29 | 12 |
| MORRISON | 6065 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.310 | 31 | ***** | 0.50 | 12 |
| MUTUAL | 6139 | 2 | 43.1 | 31 | -3.1 | 75 | 22 | 18 | 1 | 679 | 96 | 0 | 0 | 1.391 | 31 | -0.67 | 0.36 | 12 |
| NEWKIRK | 6278 | 2 | 42.7 | 31 | -6.1 | 72 | 24 | 21 | 1 | 690 | 178 | 0 | -10 | 0.840 | 31 | -1.53 | 0.26 | 12 |
| ORIENTA | 6751 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.292 | 31 | -0.80 | 0.54 | 16 |
| PERRY | 7012 | 2 | 45.6 | 30 | -4.9 | 77 | 22 | 23 | 2 | 583 | 119 | 0 | -14 | 0.962 | 31 | -1.75 | 0.62 | 12 |
| PONCA CITY | 7201 | 2 | 44.2 | 31 | -3.7 | 73 | 23 | 22 | 1 | 645 | 107 | 0 | -8 | 0.344 | 31 | -2.19 | 0.19 | 12 |
| RED ROCK | 7505 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.870 | 31 | -1.72 | 0.52 | 11 |
| WOODWARD | 9760 | 2 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.815 | 31 | 0.00 | 0.41 | 14 |

MARCH 2001 SUMMARY FOR NORTHEAST CLIMATE DIVISION (CD3)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | MIN DAY | HEAT DEG DAY | DEV FROM DEG | COOL DEG DAY | DEV FROM NORM | TOT PPT | NUM OBS | DEV | | DAY | | |
|--------------|------|----|--------------|------------|--------------|-------------|------------|--------------------|--------------------|--------------------|---------------------|------------|------------|--------------|--------------|-------|------|----|
| | | | | | FROM NORM | MAX TEMP | | | | | | | | FROM NORM | MAX 24-HR | | | |
| BARTLESVILLE | 548 | 3 | 45.9 | 31 | -4.3 | 74 | 22 | 25 | 26 | 594 | 126 | 0 | -9 | 2.430 | 31 | -0.82 | 1.58 | 12 |
| BIXBY | 782 | 3 | 47.0 | 31 | -1.5 | 77 | 22 | 29 | 19 | 558 | 38 | 0 | -8 | 1.160 | 31 | -1.99 | 0.72 | 12 |
| BURBANK | 1256 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.992 | 31 | -2.00 | 0.62 | 11 |
| CHELSEA | 1717 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.080 | 31 | ***** | 0.52 | 12 |
| CLAREMORE | 1828 | 3 | 44.9 | 31 | -3.1 | 73 | 23 | 28 | 25 | 624 | 92 | 0 | -5 | 1.171 | 31 | -2.41 | 0.82 | 12 |
| HOLLOW | 4258 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.132 | 31 | -2.55 | 0.60 | 12 |
| HOMINY | 4289 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.692 | 31 | -1.75 | 1.25 | 12 |
| KANSAS | 4672 | 3 | 45.8 | 26 | ***** | 71 | 23 | 25 | 26 | 499 | ***** | 0 | ***** | 1.102 | 26 | ***** | 0.60 | 12 |
| LENAPAH | 5118 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 2.000 | 31 | ***** | 0.93 | 12 |
| MANNFORD | 5522 | 3 | 46.3 | 31 | -4.6 | 75 | 21 | 24 | 19 | 579 | 131 | 0 | -11 | 1.521 | 31 | -1.78 | 1.26 | 12 |
| MARAMEC | 5540 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.270 | 31 | -1.93 | 0.89 | 12 |
| MIAMI | 5855 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.420 | 31 | -3.67 | 0.40 | 16 |
| NOWATA | 6485 | 3 | 47.1 | 31 | -2.5 | 76 | 22 | 25 | 26 | 555 | 71 | 0 | -6 | 1.470 | 31 | -2.14 | 0.84 | 12 |
| PAWHUSKA | 6935 | 3 | 45.8 | 31 | -3.8 | 72 | 22 | 26 | 5 | 595 | 109 | 0 | -9 | 1.810 | 31 | -1.44 | 1.00 | 12 |
| PAWNEE | 6940 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.150 | 31 | -1.94 | 0.60 | 12 |
| PRYOR | 7309 | 3 | 45.0 | 31 | -3.0 | 75 | 23 | 27 | 27 | 619 | 85 | 0 | -7 | 0.843 | 31 | -2.73 | 0.42 | 12 |
| RALSTON | 7390 | 3 | 44.8 | 31 | -5.2 | 73 | 23 | 25 | 20 | 627 | 155 | 0 | -7 | 0.811 | 31 | -2.26 | 0.45 | 12 |
| SPAVINAW | 8380 | 3 | 47.4 | 31 | -3.8 | 74 | 23 | 27 | 25 | 547 | 107 | 0 | -12 | 0.890 | 31 | -2.69 | 0.50 | 12 |
| TULSA | 8992 | 3 | 47.1 | 31 | -3.5 | 76 | 22 | 27 | 25 | 556 | 99 | 0 | -11 | 0.776 | 31 | -2.68 | 0.58 | 11 |
| UPPER SPAV | 9101 | 3 | 46.0 | 31 | ***** | 74 | 24 | 24 | 26 | 591 | ***** | 0 | ***** | 0.774 | 31 | ***** | 0.41 | 12 |
| VINITA | 9203 | 3 | 44.9 | 30 | -4.0 | 73 | 22 | 23 | 26 | 604 | 98 | 0 | -7 | 1.170 | 30 | ***** | 0.39 | 12 |
| WAGONER | 9247 | 3 | 47.5 | 30 | -4.2 | 78 | 22 | 28 | 5 | 524 | 99 | 0 | -13 | 1.060 | 30 | ***** | 0.54 | 11 |
| WANN | 9298 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 2.760 | 31 | ***** | 1.75 | 12 |
| WYNONA | 9792 | 3 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.434 | 31 | ***** | 1.04 | 12 |

MARCH 2001 SUMMARY FOR WEST CENTRAL CLIMATE DIVISION (CD4)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | MIN DAY | HEAT DEG DAY | DEV FROM DEG | COOL DEG DAY | DEV FROM NORM | TOT PPT | NUM OBS | DEV | | DAY | | |
|-------------|------|----|--------------|------------|--------------|-------------|------------|--------------------|--------------------|--------------------|---------------------|------------|------------|--------------|--------------|-------|------|----|
| | | | | | FROM NORM | MAX TEMP | | | | | | | | FROM NORM | MAX 24-HR | | | |
| CANTON DAM | 1445 | 4 | 44.6 | 27 | ***** | 77 | 22 | 20 | 1 | 550 | ***** | 0 | ***** | 1.400 | 27 | ***** | 0.41 | 16 |
| CLINTON | 1909 | 4 | 45.8 | 31 | -5.0 | 74 | 22 | 21 | 1 | 596 | 147 | 0 | -9 | 1.342 | 31 | -0.69 | 0.43 | 9 |
| COLONY | 2039 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.873 | 31 | ***** | 0.51 | 11 |
| CORDELL | 2125 | 4 | 44.8 | 31 | -5.8 | 73 | 22 | 21 | 1 | 626 | 173 | 0 | -7 | 1.031 | 31 | -0.92 | 0.40 | 9 |
| ELK CITY | 2849 | 4 | 44.8 | 31 | -5.2 | 75 | 22 | 19 | 2 | 627 | 155 | 0 | -7 | 1.851 | 31 | -0.19 | 0.62 | 9 |
| ERICK | 2944 | 4 | 45.8 | 31 | -4.4 | 78 | 22 | 21 | 1 | 596 | 131 | 0 | -6 | 0.992 | 31 | -0.71 | 0.37 | 9 |
| HAMMON | 3871 | 4 | 44.0 | 31 | -3.4 | 77 | 22 | 19 | 1 | 650 | 99 | 0 | -6 | 2.090 | 31 | 0.20 | 0.62 | 12 |
| LEEDEY | 5090 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.730 | 31 | 0.01 | 0.64 | 8 |
| MACKIE | 5463 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.100 | 31 | ***** | 0.10 | 26 |
| MORAVIA | 6035 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.000 | 31 | -0.81 | 0.40 | 9 |
| OKEENE | 6629 | 4 | 46.5 | 31 | -4.0 | 75 | 22 | 24 | 1 | 574 | 116 | 0 | -9 | 1.401 | 31 | -0.74 | 0.70 | 11 |
| RETROP | 7565 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.480 | 31 | ***** | 0.50 | 12 |
| REYDON | 7579 | 4 | 43.9 | 18 | ***** | 67 | 7 | 18 | 1 | 380 | ***** | 0 | ***** | 1.521 | 18 | ***** | 0.80 | 9 |
| SAYRE | 7952 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.501 | 31 | -0.03 | 0.55 | 9 |
| SWEETWATER | 8652 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 2.621 | 31 | ***** | 1.00 | 12 |
| TALOGA | 8708 | 4 | 44.0 | 30 | -4.9 | 76 | 22 | 19 | 1 | 631 | 125 | 0 | -7 | 1.163 | 31 | -0.75 | 0.30 | 16 |
| THOMAS | 8815 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.490 | 31 | ***** | 0.33 | 1 |
| VICI | 9172 | 4 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 2.060 | 31 | -0.17 | 0.80 | 27 |
| WATONGA | 9364 | 4 | 44.2 | 31 | -5.4 | 75 | 22 | 20 | 1 | 646 | 162 | 0 | -7 | 1.561 | 31 | -0.65 | 0.39 | 31 |
| WEATHERFORD | 9422 | 4 | 46.0 | 31 | -2.0 | 75 | 24 | 24 | 1 | 588 | 61 | 0 | 0 | 1.510 | 31 | -0.40 | 0.51 | 12 |

MARCH 2001 SUMMARY FOR CENTRAL CLIMATE DIVISION (CD5)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | | | HEAT DEG DAY | DEV FROM NORM | COOL DEG DAY | DEV FROM NORM | TOT PPT | NUM OBS | DEV | | | |
|---------------|------|----|--------------|------------|--------------|-------------|-----|-------------|--------------------|---------------------|--------------------|---------------------|------------|------------|------|--------------|--------------|-----|
| | | | | | FROM NORM | MAX TEMP | DAY | MIN TEMP | | | | | | | DAY | FROM NORM | MAX 24-HR | DAY |
| AMBER | 200 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | 0.800 | 31 | **** | 0.47 | 9 | |
| BLANCHARD | 830 | 5 | 48.3 | 31 | -4.2 | 75 | 23 | 28 | 1 | 517 | 116 | 0 | -13 | 0.935 | 31 | -1.76 | 0.32 | 1 |
| BRISTOW | 1144 | 5 | 48.2 | 31 | -3.5 | 78 | 22 | 28 | 2 | 522 | 98 | 2 | -10 | 1.250 | 31 | -1.79 | 0.92 | 12 |
| CHANDLER | 1684 | 5 | 46.4 | 30 | -5.3 | 76 | 22 | 27 | 6 | 559 | 135 | 0 | -12 | 1.201 | 30 | **** | 0.65 | 12 |
| CHICKASHA EXP | 1750 | 5 | 48.6 | 31 | -3.6 | 76 | 23 | 26 | 1 | 507 | 98 | 0 | -12 | 1.111 | 31 | -1.39 | 0.30 | 9 |
| COX CITY | 2196 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.910 | 31 | **** | 0.30 | 8 |
| CRESCENT | 2242 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.060 | 31 | **** | 0.37 | 12 |
| CUSHING | 2318 | 5 | 45.9 | 30 | -2.9 | 74 | 22 | 24 | 1 | 572 | 61 | 0 | -9 | 1.291 | 31 | -1.81 | 0.45 | 12 |
| EDMOND | 2788 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.860 | 31 | **** | 0.77 | 15 |
| EL RENO | 2818 | 5 | 46.1 | 30 | -4.2 | 74 | 22 | 25 | 1 | 566 | 103 | 0 | -8 | 1.330 | 30 | **** | 0.40 | 12 |
| GUTHRIE | 3821 | 5 | 45.5 | 31 | -5.8 | 76 | 22 | 25 | 6 | 604 | 168 | 0 | -11 | 1.462 | 31 | -1.36 | 0.52 | 12 |
| HENNESSEY | 4055 | 5 | 44.5 | 31 | -5.3 | 72 | 21 | 28 | 5 | 635 | 156 | 0 | -8 | 0.841 | 31 | -1.51 | 0.41 | 11 |
| INGALLS | 4489 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.270 | 31 | **** | 0.82 | 12 |
| KINGFISHER | 4861 | 5 | 45.7 | 31 | -5.2 | 76 | 23 | 27 | 2 | 600 | 154 | 0 | -9 | 1.140 | 31 | -1.11 | 0.53 | 1 |
| KONAWA | 4915 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.950 | 31 | -2.26 | 0.70 | 8 |
| MARSHALL | 5589 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.580 | 31 | -0.89 | 0.56 | 1 |
| MEEKER | 5779 | 5 | 43.7 | 31 | -8.0 | 72 | 24 | 23 | 1 | 662 | 238 | 0 | -11 | 1.010 | 31 | -1.80 | 0.48 | 12 |
| MULHALL | 6110 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.850 | 31 | **** | 0.41 | 12 |
| NORMAN NWS | 6386 | 5 | 46.4 | 31 | -6.0 | 75 | 23 | 28 | 1 | 577 | 173 | 0 | -13 | 0.864 | 31 | -2.03 | 0.37 | 11 |
| OKEMAH | 6638 | 5 | 49.1 | 31 | -2.9 | 76 | 22 | 30 | 6 | 493 | 76 | 1 | -14 | 1.500 | 31 | -1.65 | 0.65 | 12 |
| OKLAHOMA CTY | 6659 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.067 | 31 | **** | 0.52 | 12 |
| OKLAHOMA CTY | 6661 | 5 | 46.6 | 31 | -3.7 | 74 | 23 | 29 | 1 | 572 | 108 | 0 | -9 | 1.016 | 31 | -1.69 | 0.52 | 11 |
| PERKINS | 7003 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.170 | 31 | -1.73 | 0.63 | 12 |
| PIEDMONT | 7068 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.800 | 31 | **** | 0.29 | 12 |
| PRAGUE | 7264 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.053 | 31 | -2.13 | 0.44 | 12 |
| PURCELL | 7327 | 5 | 46.7 | 29 | **** | 77 | 24 | 25 | 1 | 530 | **** | 0 | **** | 0.794 | 31 | -2.34 | 0.35 | 28 |
| SEMINOLE | 8042 | 5 | 46.4 | 29 | **** | 77 | 23 | 26 | 1 | 539 | **** | 0 | **** | 1.432 | 29 | **** | 0.85 | 28 |
| SHAWNEE | 8110 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.141 | 31 | -2.05 | 0.44 | 1 |
| STELLA | 8479 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.001 | 31 | **** | 0.30 | 1 |
| STILLWATER | 8501 | 5 | 46.1 | 27 | **** | 74 | 22 | 24 | 1 | 512 | **** | 0 | **** | 1.120 | 30 | **** | 0.53 | 12 |
| STROUD | 8563 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.091 | 31 | **** | 0.54 | 11 |
| TECUMSEH | 8751 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.350 | 31 | **** | 1.00 | 31 |
| UNION CITY | 9086 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.483 | 31 | -1.43 | 0.58 | 12 |
| WANETTE | 9291 | 5 | 47.4 | 28 | **** | 76 | 24 | 26 | 1 | 492 | **** | 0 | **** | 1.430 | 28 | **** | 0.67 | 12 |
| WELTY | 9479 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.353 | 31 | **** | 0.98 | 12 |
| WEWOKA | 9575 | 5 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.760 | 31 | -2.49 | 0.43 | 12 |

MARCH 2001 SUMMARY FOR EAST CENTRAL CLIMATE DIVISION (CD6)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | | | HEAT DEG DAY | DEV FROM NORM | COOL DEG DAY | DEV FROM NORM | TOT PPT | NUM OBS | DEV | | | |
|--------------|------|----|--------------|------------|--------------|-------------|-----|-------------|--------------------|---------------------|--------------------|---------------------|------------|------------|-----|--------------|--------------|-----|
| | | | | | FROM NORM | MAX TEMP | DAY | MIN TEMP | | | | | | | DAY | FROM NORM | MAX 24-HR | DAY |
| ASHLAND | 364 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 2.710 | 31 | **** | 1.06 | 24 |
| BEGGS | 631 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.920 | 31 | **** | 0.92 | 12 |
| CALVIN | 1391 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.600 | 31 | -2.20 | 0.80 | 14 |
| CHECOTAH | 1711 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.920 | 31 | -2.78 | 0.32 | 12 |
| CLAYTON | 1858 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.170 | 31 | **** | 0.40 | 29 |
| DEWAR | 2485 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.662 | 31 | -1.89 | 0.95 | 12 |
| DUSTIN | 2690 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.200 | 31 | **** | 0.74 | 12 |
| EUFULA | 2993 | 6 | 49.1 | 31 | -4.3 | 76 | 22 | 31 | 6 | 493 | 115 | 0 | -19 | 1.520 | 31 | -2.65 | 0.55 | 12 |
| HANNA | 3884 | 6 | 49.1 | 18 | **** | 73 | 13 | 31 | 17 | 287 | **** | 0 | **** | 1.250 | 31 | -2.82 | 0.60 | 12 |
| HOLDENVILLE | 4235 | 6 | 47.9 | 31 | -4.6 | 78 | 22 | 31 | 16 | 530 | 130 | 0 | -12 | 1.101 | 31 | -2.24 | 0.70 | 11 |
| LAKE EUFAULA | 4975 | 6 | 46.2 | 31 | **** | 75 | 23 | 29 | 1 | 582 | **** | 0 | **** | 1.023 | 31 | **** | 0.74 | 12 |
| LYONS | 5437 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.892 | 31 | -3.36 | 0.52 | 12 |
| MARBLE CITY | 5546 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.400 | 31 | **** | 0.22 | 31 |
| MCALESTER | 5664 | 6 | 48.9 | 31 | -3.3 | 77 | 23 | 30 | 17 | 501 | 90 | 0 | -14 | 1.831 | 31 | -2.17 | 0.76 | 11 |
| MCCURTAIN | 5693 | 6 | 49.0 | 31 | -4.5 | 78 | 22 | 31 | 25 | 496 | 119 | 0 | -20 | 0.824 | 31 | -3.29 | 0.45 | 29 |
| MUSKOGEE | 6130 | 6 | 47.5 | 31 | -4.5 | 78 | 22 | 28 | 25 | 544 | 128 | 0 | -13 | 0.612 | 31 | -2.94 | 0.31 | 11 |
| OKMULGEE | 6670 | 6 | 48.8 | 31 | -0.8 | 77 | 22 | 31 | 6 | 504 | 17 | 1 | -9 | 1.250 | 31 | -2.20 | 0.72 | 11 |
| OKTAHA | 6678 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.760 | 31 | **** | 0.29 | 12 |
| SALLISAW | 7862 | 6 | 47.8 | 31 | -4.5 | 74 | 23 | 30 | 17 | 534 | 128 | 0 | -13 | 0.810 | 31 | -3.43 | 0.21 | 12 |
| SCIPIO | 7979 | 6 | **** | 0 | **** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.680 | 31 | **** | 0.79 | 12 |
| STILWELL | 8506 | 6 | 44.6 | 28 | **** | 70 | 13 | 26 | 19 | 571 | **** | 0 | **** | 1.830 | 31 | -2.45 | 0.90 | 16 |
| TAHLEQUAH | 8677 | 6 | 46.9 | 31 | -4.2 | 76 | 22 | 25 | 5 | 562 | 119 | 0 | -12 | 1.361 | 31 | -2.73 | 0.95 | 12 |
| WEBBERS FALL | 9445 | 6 | 47.6 | 28 | **** | 79 | 23 | 28 | 17 | 487 | **** | 0 | **** | 1.090 | 29 | **** | 0.53 | 12 |

MARCH 2001 SUMMARY FOR SOUTHWEST CLIMATE DIVISION (CD7)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | DAY | MIN TEMP | DAY | HEAT | | DEV | | COOL | | TOT PPT | NUM OBS | DEV | | DAY |
|-------------|------|----|-----------|---------|-----------|----------|-----|----------|-----|---------|-----------|---------|-----------|---------|-----------|---------|---------|----------|--|-----|
| | | | | | FROM NORM | MAX TEMP | | | | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | | | MAX TEMP | | |
| ALTUS | 179 | 7 | 47.8 | 31 | -5.7 | 78 | 21 | 24 | 2 | 532 | 162 | 0 | -14 | 0.960 | 31 | -0.60 | 0.31 | 9 | | |
| ALTUS DAM | 184 | 7 | 47.6 | 31 | -3.2 | 77 | 22 | 26 | 1 | 539 | 90 | 1 | -9 | 1.120 | 31 | -0.61 | 0.42 | 9 | | |
| ANADARKO | 224 | 7 | 44.1 | 31 | -7.3 | 73 | 22 | 23 | 1 | 649 | 220 | 0 | -7 | 1.091 | 31 | -1.08 | 0.43 | 9 | | |
| APACHE | 260 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.760 | 31 | -0.59 | 0.70 | 12 | | |
| ALTUS AFB | 447 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.956 | 31 | **** | 0.43 | 27 | | |
| CARNEGIE | 1504 | 7 | 45.7 | 31 | -5.7 | 73 | 22 | 24 | 1 | 600 | 170 | 0 | -8 | 1.645 | 31 | -0.35 | 0.67 | 12 | | |
| CHATTANOOGA | 1706 | 7 | 46.5 | 31 | -6.4 | 76 | 24 | 26 | 1 | 574 | 187 | 0 | -12 | 0.100 | 31 | -2.03 | 0.10 | 1 | | |
| DUNCAN 11 W | 2668 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.603 | 31 | **** | 0.21 | 26 | | |
| FREDERICK | 3353 | 7 | 49.0 | 26 | **** | 76 | 22 | 32 | 28 | 415 | **** | 0 | **** | 1.070 | 26 | **** | 0.51 | 9 | | |
| HEADRICK | 3998 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.030 | 31 | **** | 0.33 | 19 | | |
| HOBART | 4204 | 7 | 46.3 | 31 | -5.2 | 74 | 22 | 22 | 1 | 579 | 151 | 0 | -10 | 0.835 | 31 | -0.84 | 0.38 | 9 | | |
| HOLLIS | 4249 | 7 | 48.6 | 31 | -4.3 | 79 | 21 | 22 | 1 | 510 | 122 | 0 | -12 | 0.960 | 31 | -0.42 | 0.39 | 9 | | |
| LAWTON | 5063 | 7 | 47.5 | 31 | -3.8 | 75 | 24 | 25 | 1 | 543 | 109 | 0 | -10 | 0.611 | 31 | -1.52 | 0.23 | 9 | | |
| LOOKEBA | 5329 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.280 | 31 | -0.90 | 0.42 | 9 | | |
| MANGUM | 5509 | 7 | 46.8 | 31 | -6.2 | 78 | 22 | 28 | 2 | 564 | 177 | 0 | -15 | 0.892 | 31 | -0.64 | 0.46 | 9 | | |
| RANDLETT | 7403 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.082 | 31 | **** | 0.56 | 9 | | |
| ROOSEVELT | 7727 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.030 | 31 | -0.70 | 0.51 | 9 | | |
| SEDAN | 8016 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.880 | 31 | **** | 0.32 | 9 | | |
| SNYDER | 8299 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.763 | 31 | -1.03 | 0.30 | 9 | | |
| VINSON | 9212 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.722 | 31 | -0.75 | 0.42 | 9 | | |
| WALTERS | 9278 | 7 | 48.8 | 31 | -5.2 | 78 | 24 | 26 | 1 | 502 | 144 | 0 | -17 | 0.860 | 31 | -1.69 | 0.37 | 1 | | |
| WICHITA MT | 9629 | 7 | 47.5 | 25 | **** | 77 | 24 | 23 | 2 | 437 | **** | 0 | **** | 0.730 | 28 | **** | 0.36 | 9 | | |
| WILLOW | 9668 | 7 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.970 | 31 | **** | 0.49 | 8 | | |

MARCH 2001 SUMMARY FOR SOUTH CENTRAL CLIMATE DIVISION (CD8)

| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | DAY | MIN TEMP | DAY | HEAT | | DEV | | COOL | | TOT PPT | NUM OBS | DEV | | DAY |
|---------------|------|----|-----------|---------|-----------|----------|-----|----------|-----|---------|-----------|---------|-----------|---------|-----------|---------|---------|----------|--|-----|
| | | | | | FROM NORM | MAX TEMP | | | | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | | | MAX TEMP | | |
| ADA | 17 | 8 | 48.0 | 31 | -4.9 | 76 | 23 | 27 | 1 | 526 | 134 | 0 | -17 | 0.943 | 31 | -2.32 | 0.32 | 12 | | |
| ALLEN | 147 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 2.950 | 31 | **** | 1.80 | 24 | | |
| ARDMORE | 292 | 8 | 51.0 | 30 | -4.5 | 78 | 22 | 34 | 16 | 420 | 100 | 0 | -26 | 0.480 | 31 | -2.62 | 0.34 | 27 | | |
| ATOKA | 391 | 8 | 48.1 | 29 | **** | 77 | 23 | 20 | 2 | 492 | **** | 0 | **** | 1.431 | 29 | **** | 0.64 | 12 | | |
| BOKCHITO | 917 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 2.510 | 31 | **** | 0.92 | 1 | | |
| CENTRAHOMA | 1648 | 8 | 47.3 | 28 | **** | 73 | 22 | 30 | 1 | 496 | **** | 0 | **** | 1.800 | 29 | **** | 0.90 | 12 | | |
| COLEMAN | 2011 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 2.650 | 31 | **** | 1.10 | 1 | | |
| COMANCHE | 2054 | 8 | 50.0 | 31 | **** | 75 | 23 | 26 | 2 | 465 | **** | 0 | **** | 1.570 | 31 | -1.06 | 0.80 | 30 | | |
| DAISY | 2354 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.153 | 31 | -3.23 | 0.30 | 12 | | |
| DUNCAN | 2660 | 8 | 48.0 | 30 | -3.8 | 77 | 24 | 26 | 1 | 510 | 89 | 0 | -12 | 0.723 | 30 | **** | 0.24 | 1 | | |
| DURANT | 2678 | 8 | 49.6 | 31 | -2.7 | 77 | 22 | 32 | 19 | 476 | 65 | 0 | -17 | 2.261 | 31 | -1.48 | 0.80 | 11 | | |
| ELMORE CITY | 2872 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.900 | 31 | **** | 0.80 | 9 | | |
| GRADY | 3688 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.760 | 31 | **** | 0.42 | 9 | | |
| HEALDTON | 4001 | 8 | 48.2 | 30 | -5.6 | 78 | 24 | 27 | 1 | 505 | 139 | 0 | -19 | 1.620 | 30 | **** | 0.49 | 24 | | |
| HENNEPIN | 4052 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.730 | 31 | **** | 0.25 | 9 | | |
| KETCHUM RAN | 4780 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.610 | 31 | **** | 0.16 | 27 | | |
| KINGSTON | 4865 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 2.000 | 31 | -1.56 | 0.95 | 11 | | |
| LEHIGH | 5108 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 2.155 | 31 | **** | 1.10 | 12 | | |
| LINDSAY | 5216 | 8 | 46.2 | 31 | -6.5 | 76 | 24 | 26 | 1 | 582 | 187 | 0 | -13 | 1.050 | 31 | -1.84 | 0.44 | 12 | | |
| LOCO | 5247 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.240 | 31 | **** | 0.46 | 24 | | |
| MADILL | 5468 | 8 | 48.9 | 30 | -5.5 | 79 | 23 | 30 | 2 | 484 | 135 | 0 | -20 | 2.420 | 30 | **** | 0.80 | 12 | | |
| MARIETTA 5 SW | 5563 | 8 | 47.6 | 31 | -7.0 | 76 | 23 | 29 | 1 | 538 | 196 | 0 | -20 | 3.090 | 31 | -0.22 | 0.94 | 1 | | |
| MARLOW | 5581 | 8 | 50.4 | 30 | -2.6 | 78 | 23 | 28 | 1 | 439 | 53 | 0 | -14 | 1.020 | 31 | -1.42 | 0.31 | 9 | | |
| MCGEE CREEK | 5713 | 8 | 49.7 | 31 | **** | 79 | 23 | 27 | 13 | 477 | **** | 2 | **** | 2.630 | 31 | **** | 1.15 | 24 | | |
| PAULS VALLEY | 6926 | 8 | 46.4 | 31 | -7.0 | 78 | 24 | 27 | 1 | 578 | 204 | 0 | -15 | 1.030 | 31 | -1.89 | 0.35 | 1 | | |
| PONTOTOC | 7214 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 1.600 | 31 | -2.05 | 0.59 | 11 | | |
| TISHOMINGO | 8884 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 2.820 | 31 | -0.88 | 0.93 | 11 | | |
| TUSSY | 9032 | 8 | **** | 0 | **** | **** | 0 | **** | 0 | **** | **** | **** | **** | 0.000 | 31 | **** | 0.00 | 31 | | |
| WAURIKA | 9395 | 8 | 50.1 | 31 | -4.7 | 80 | 23 | 30 | 1 | 462 | 123 | 1 | -23 | 0.683 | 31 | -1.68 | 0.27 | 8 | | |

MARCH 2001 SUMMARY FOR SOUTHEAST CLIMATE DIVISION (CD9)

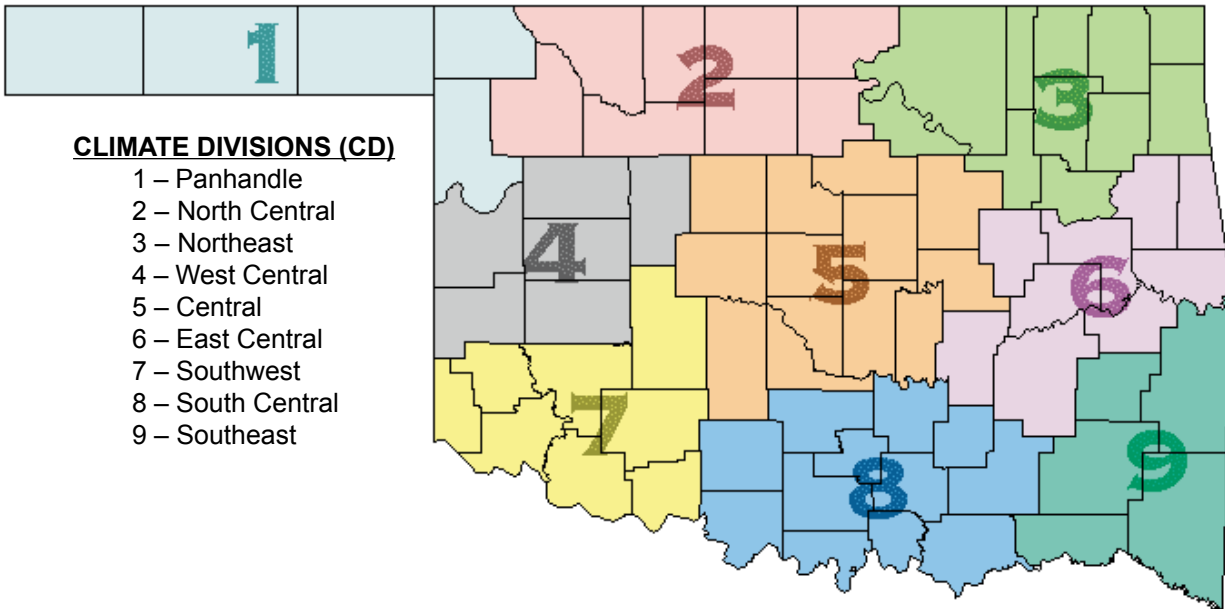
| NAME | ID | CD | MEAN TEMP | NUM OBS | DEV | | | | MIN TEMP | DAY | HEAT | | DEV | | COOL | | DEV | | TOT PPT | NUM OBS | DEV | |
|------------|------|----|-----------|---------|-----------|----------|-----|---------|----------|-------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---------|---------|-----------|---------|
| | | | | | FROM NORM | MAX TEMP | DAY | DEG DAY | | | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | | | FROM NORM | DEG DAY |
| BATTIEST | 567 | 9 | 47.1 | 31 | ***** | 78 | 24 | 26 | 17 | 554 | ***** | 0 | ***** | 4.095 | 31 | ***** | 1.42 | 12 | | | | |
| BENGAL | 670 | 9 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 2.080 | 31 | ***** | 0.64 | 24 | | | | |
| BROKEN BOW | 1162 | 9 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 5.930 | 31 | 1.04 | 1.80 | 12 | | | | |
| CARNASAW | 1499 | 9 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 3.922 | 31 | -1.34 | 1.70 | 12 | | | | |
| CARTER TWR | 1544 | 9 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 4.090 | 31 | -0.77 | 1.86 | 12 | | | | |
| FANSHAWE | 3065 | 9 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 1.460 | 31 | -2.87 | 0.38 | 12 | | | | |
| IDABEL | 4451 | 9 | 51.2 | 31 | -2.2 | 78 | 23 | 30 | 4 | 428 | 57 | 1 | -11 | 4.780 | 31 | -0.07 | 2.18 | 12 | | | | |
| PAGE | 6842 | 9 | 45.8 | 17 | ***** | 77 | 23 | 24 | 16 | 326 | ***** | 0 | ***** | 3.250 | 19 | ***** | 2.58 | 15 | | | | |
| SMITHVILLE | 8285 | 9 | 46.8 | 31 | -5.0 | 77 | 23 | 25 | 17 | 565 | 143 | 0 | -13 | 4.811 | 31 | -0.52 | 1.32 | 12 | | | | |
| SPIRO | 8416 | 9 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 0.910 | 31 | -3.40 | 0.23 | 12 | | | | |
| TUSKAHOMA | 9023 | 9 | 50.0 | 31 | -4.0 | 78 | 23 | 28 | 25 | 466 | 107 | 0 | -18 | 2.252 | 31 | -1.88 | 0.60 | 24 | | | | |
| VALLIANT | 9118 | 9 | ***** | 0 | ***** | **** | 0 | **** | 0 | ***** | ***** | ***** | ***** | 4.501 | 31 | 0.04 | 1.61 | 12 | | | | |
| WILBURTON | 9634 | 9 | 48.5 | 31 | -4.2 | 78 | 22 | 27 | 17 | 512 | 116 | 0 | -14 | 1.161 | 31 | -3.01 | 0.50 | 28 | | | | |
| WISTER | 9724 | 9 | 48.0 | 31 | ***** | 77 | 23 | 27 | 17 | 526 | ***** | 0 | ***** | 1.640 | 31 | ***** | 0.57 | 29 | | | | |

MARCH 2001 CLIMATE DIVISION SUMMARY

| NAME | CD | MEAN TEMP | NUM OBS | DEV | | | | MIN TEMP | DAY | HEAT | | DEV | | COOL | | DEV | | TOT PPT | NUM OBS | DEV | |
|--------------------|----|-----------|---------|-----------|----------|-----|---------|----------|-----|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---------|---------|-----------|---------|
| | | | | FROM NORM | MAX TEMP | DAY | DEG DAY | | | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | | | FROM NORM | DEG DAY |
| CLIMATE DIVISION 1 | 1 | 43.6 | 5 | -2.4 | 83 | 22 | 8 | 1 | 660 | 69 | 0 | -3 | 1.350 | 7 | -0.09 | 0.87 | 15 | | | | |
| CLIMATE DIVISION 2 | 2 | 43.9 | 11 | -4.3 | 82 | 23 | 17 | 1 | 651 | 124 | 0 | -7 | 1.230 | 21 | -1.07 | 1.66 | 15 | | | | |
| CLIMATE DIVISION 3 | 3 | 46.1 | 13 | -3.6 | 78 | 22 | 23 | 26 | 582 | 98 | 0 | -9 | 1.310 | 21 | -2.16 | 1.75 | 12 | | | | |
| CLIMATE DIVISION 4 | 4 | 45.1 | 9 | -4.3 | 78 | 22 | 18 | 1 | 615 | 124 | 0 | -7 | 1.430 | 18 | -0.48 | 1.00 | 12 | | | | |
| CLIMATE DIVISION 5 | 5 | 46.5 | 13 | -4.8 | 78 | 22 | 23 | 1 | 568 | 133 | 0 | -11 | 1.120 | 31 | -1.74 | 1.00 | 31 | | | | |
| CLIMATE DIVISION 6 | 6 | 48.0 | 9 | -3.8 | 79 | 23 | 25 | 5 | 527 | 105 | 0 | -13 | 1.240 | 22 | -2.66 | 1.06 | 24 | | | | |
| CLIMATE DIVISION 7 | 7 | 47.0 | 10 | -5.0 | 79 | 21 | 22 | 1 | 559 | 145 | 0 | -11 | 0.960 | 21 | -0.97 | 0.70 | 12 | | | | |
| CLIMATE DIVISION 8 | 8 | 48.8 | 13 | -4.8 | 80 | 23 | 20 | 2 | 497 | 127 | 0 | -17 | 1.530 | 24 | -1.65 | 1.80 | 24 | | | | |
| CLIMATE DIVISION 9 | 9 | 48.6 | 6 | -4.4 | 78 | 22 | 24 | 16 | 508 | 121 | 0 | -14 | 3.200 | 13 | -1.46 | 2.58 | 15 | | | | |

Note: The above climate division summary contains similar information to the preceding tables but are the averages or extremes over all of the stations reporting in each climate division.

CLIMATE DIVISION MAP



EXPLANATION OF TABLES

The tables appearing on the preceding pages contain the following information for each station or climate division:

Station Name: The name of the observing site.

Station Identification Number: These numbers usually are assigned by the National Climatic Data Center.

Climate Division: See the figure above.

Number of Temperature Observations: These numbers are the actual number of temperature reports recorded at the station during the current month. Missing observations may result in artificially high or low mean monthly temperatures.

Deviation from Normal: The deviation of the observed mean monthly temperature from the monthly station normal. A positive value indicates the month was warmer than normal. A negative value indicates the month was cooler than normal. Normal monthly temperatures may be calculated by subtracting the deviation from the observed temperature.

Maximum Daily Temperature: The maximum daily maximum temperature observed during the current month and year and the day on which it occurred.

Minimum Daily Temperature: The minimum daily minimum temperature observed during the current month and year and the day on which it occurred.

Heating Degree Days: HDD are calculated each day of the month for which there is a temperature report and the average temperature for the day is less than 65 degrees. Daily values are summed to arrive at a monthly total. HDD are a qualitative measure of how much heat was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. See the equation to the right for the HDD calculation.

Deviation from Normal Heating Degree Days: The difference between the actual HDD and the normal HDD for the month. A positive value indicates higher than normal heating requirements for the month as a whole. A negative value indicates lower than normal heating requirements for the month as a whole. Normal HDD may be calculated by subtracting the deviation from observed HDD.

Cooling Degree Days: CDD are calculated each day of the month for which there is a temperature report and the average temperature for the day exceeds 65 degrees. Daily values are summed to give a monthly total. CDD are a proxy measure of how much cooling was required to maintain a comfortable indoor temperature. Missing observations may result in an artificially high or low value. See the equation to the right for the CDD calculation.

Deviation from Normal Cooling Degree Days: The difference between the actual HDD and the normal HDD for the month. A positive value indicates higher than normal cooling requirements for the month as a whole. A negative value indicates lower than normal cooling requirements for the month as a whole. Normal cooling degree days may be found by subtracting the deviation from the observed cooling degree days.

Total Precipitation: Often incorrectly referred to as a mean precipitation, this value is the sum of all precipitation reported during the month at a station. If snow occurred, it is to be melted and its water equivalent recorded.

Number of Precipitation Observations: The number of days a rain or no rain observation was reported. Missing observations frequently result in artificially low total precipitation values.

Deviation from Normal Precipitation: The difference between the actual rainfall and the normal rainfall for the month. A positive value indicates more rain than normal was received. A negative value indicates less than was expected rainfall was received. Normal rainfall may be calculated by subtracting the deviation from the monthly total.

Maximum 24-Hour Report and Day: The maximum amount of precipitation recorded during the station's 24-hour observation period for the current month and year and the day on which it was recorded.

Heating Degree Days Calculation

NumDays

$$\sum_{i=1} \text{NumDays} \left(65 - \left(\frac{TMAX_i + TMIN_i}{2} \right) \right)$$

Where NumDays = the number of days in the month of interest (e.g., NumDays = 31 for January)

Cooling Degree Days Calculation

NumDays

$$\sum_{i=1} \text{NumDays} \left(\left(\frac{TMAX_i + TMIN_i}{2} \right) - 65 \right)$$

Where NumDays = the number of days in the month of interest (e.g., NumDays = 30 for June)

**EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION
MARCH 2001**

| CD | MAX TEMP | DATE | LOCATION | MIN TEMP | DATE | LOCATION | 24-HOUR PRECIP | DATE | LOCATION | MONTHLY PRECIP | LOCATION |
|----|----------------------------|----------------------------|--|----------|----------|------------------|----------------|------|------------|----------------|------------|
| 1 | 83 | 22 | BEAVER | 8 | 1 | GOODWELL | .87 | 15 | GATE | 2.43 | GATE |
| 2 | 82 | 23 | FREEDOM | 17 | 1 | FT SUPPLY | 1.66 | 15 | ALVA | 2.62 | CHEROKEE |
| 3 | 78 | 22 | WAGONER | 23 23 | 25 26 | VINITA VINITA | 1.75 | 12 | WANN | 2.76 | WANN |
| 4 | 78 | 22 | ERICK | 18 | 1 | REYDON | 1.00 | 12 | SWEETWATER | 2.62 | SWEETWATER |
| 5 | 78 | 22 | BRISTOW | 23 | 1 | MEEKER | 1.00 | 31 | TECUMSEH | 1.86 | EDMOND |
| 6 | 79 | 23 | WEBBERS FALL | 25 | 5 | TAHLEQUAH | 1.06 | 24 | ASHLAND | 2.71 | ASHLAND |
| 7 | 79 | 21 | HOLLIS | 22 22 | 1 1 | HOBART HOLLIS | .70 | 12 | APACHE | 1.76 | APACHE |
| 8 | 80 | 23 | WAURIKA | 20 | 2 | ATOKA | 1.80 | 24 | ALLEN | 3.09 | MARIETTA |
| 9 | 78 78 78 78 78 | 23 24 23 22 23 | BATTIEST BATTIEST IDABEL TUSKAHOMA TUSKAHOMA | 24 | 16 | PAGE | 2.58 | 15 | PAGE | 5.93 | BROKEN BOW |

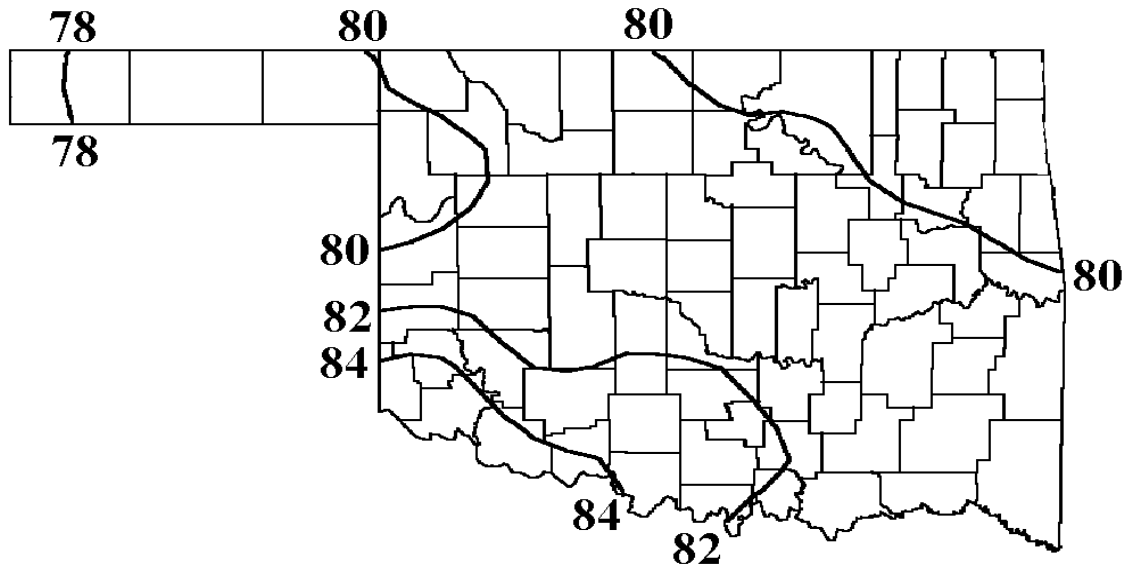
TABLE OF 2000/2001 COMPARISONS

| Station | MARCH Temperature (°F) | | MARCH Precipitation (in.) | |
|-------------------|---------------------------|------|------------------------------|------|
| | 2000 | 2001 | 2000 | 2001 |
| Arnett | 47.7 | 43.0 | 5.16 | 1.10 |
| Enid | 50.8 | 44.6 | 1.14 | 1.49 |
| Tulsa | 53.2 | 47.1 | 3.76 | 0.78 |
| Elk City | 50.7 | 44.8 | 6.39 | 1.85 |
| Oklahoma City | 53.4 | 46.6 | 3.12 | 1.02 |
| McAlester | 55.8 | 48.9 | 2.91 | 1.83 |
| Altus Irr Station | 53.7 | 47.8 | 4.87 | 0.96 |
| Ardmore | 58.5 | 51.0 | 3.32 | 0.48 |
| Idabel | 58.6 | 51.2 | 3.33 | 4.78 |

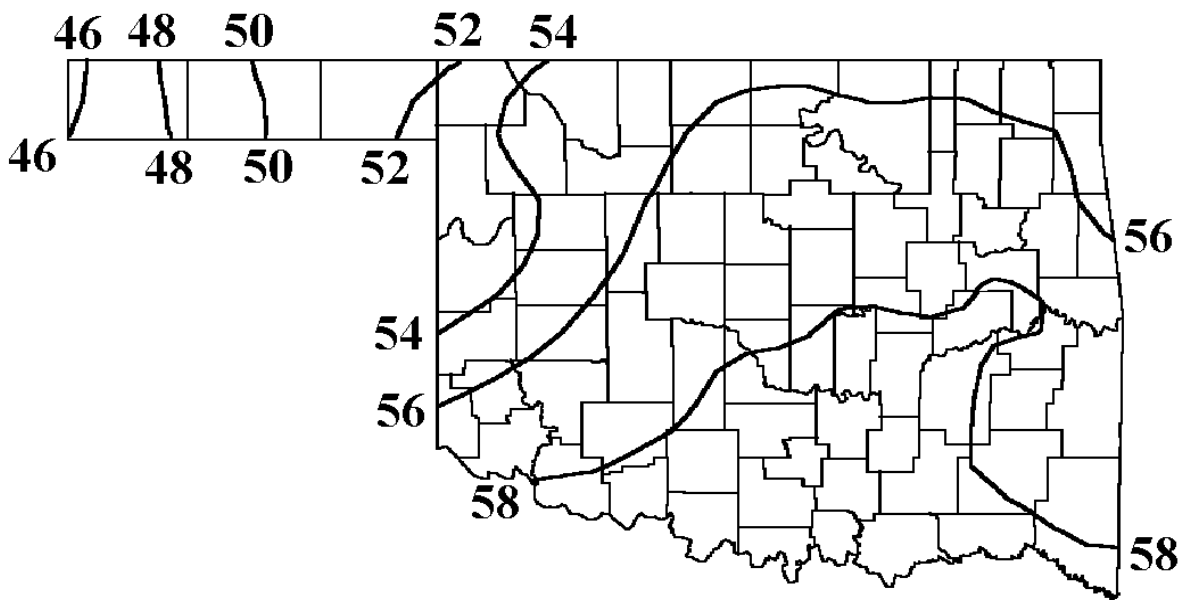
MARCH 2001 STATEWIDE EXTREMES

| VARIABLE | STATION | DIVISION | OBSERVATION | DATE |
|----------------------------------|----------|----------|-------------|------|
| Minimum temperature (°F) | Goodwell | 1 | 8 | 1 |
| Maximum temperature (°F) | Beaver | 1 | 83 | 22 |
| Maximum 24-hour Precipitation | Page | 9 | 2.58 | 15 |

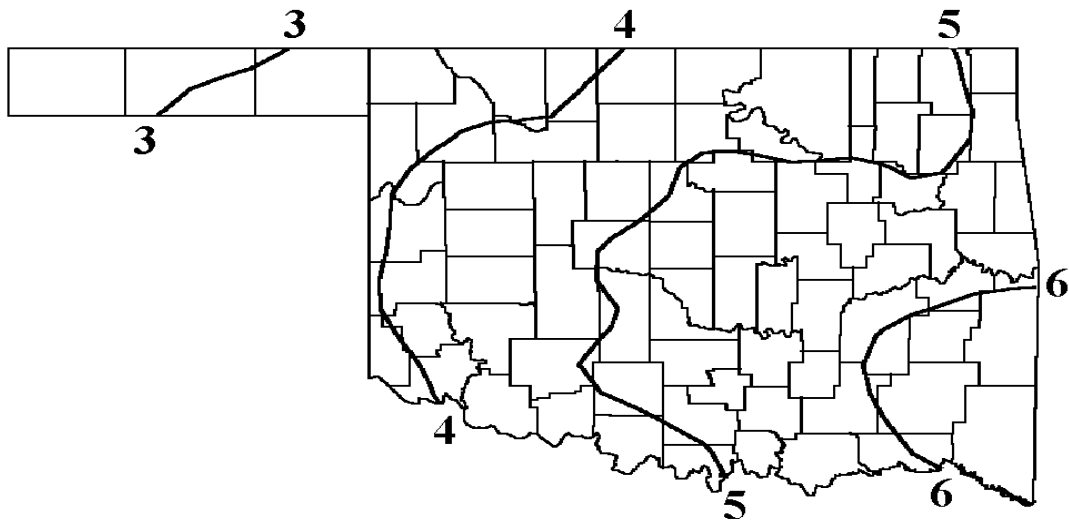
MAY NORMAL DAILY MAXIMUM TEMPERATURE (°F)



MAY NORMAL DAILY MINIMUM TEMPERATURE (°F)



MAY NORMAL MONTHLY PRECIPITATION (INCHES)



MAY TORNADO STATISTICS

The most tornadoes reported in **MAY** for Oklahoma was **(91)** in **1999**.

The average number of tornadoes in **MAY** for Oklahoma is **(20)**.

OUTLOOK FOR MAY 2001 THROUGH JULY 2001

BASED ON SEASONAL OUTLOOK PROVIDED BY THE CLIMATE PREDICTION CENTER

Temperature: Near normal temperature statewide

Precipitation: Near normal precipitation statewide

OKLAHOMA CITY CLIMATE CALENDAR

MAY

The data on this calendar are for Oklahoma City, Oklahoma.
 Normal values are calculated for the period 1961-1990.
 Temperature extremes are for the period 1905-1999.
 Precipitation extremes are for the period 1888-1999.

| Day | Avg. Temp. | Ave. High | 2001 | Record High | Year | Lowest Max | Year | Ave. Low | 2001 | Highest Min. | Year | Record Low | Year | Avg. Precip. | 2001 | Greatest Precip. | Year |
|--------------|-------------|-------------|------|-------------|-------------|------------|-------------|-------------|------|--------------|-------------|------------|-------------|--------------|------|------------------|-------------|
| 1 | 64 | 76 | | 93 | 1948 | 53 | 1966 | 53 | | 66 | 1938 | 33 | 1909 | 0.13 | | 1.63 | 1954 |
| 2 | 65 | 76 | | 94 | 1943 | 51 | 1994 | 54 | | 69 | 1959 | 39 | 1961 | 0.14 | | 2.99 | 1990 |
| 3 | 65 | 76 | | 95 | 1920 | 49 | 1978 | 54 | | 70 | 1949 | 32 | 1954 | 0.14 | | 3.58 | 1898 |
| 4 | 65 | 76 | | 93 | 1955 | 44 | 1935 | 54 | | 72 | 1950 | 34 | 1907 | 0.15 | | 3.60 | 1898 |
| 5 | 66 | 76 | | 94 | 1940 | 50 | 1935 | 55 | | 69 | 1940 | 37 | 1917 | 0.15 | | 4.24 | 1899 |
| 6 | 66 | 77 | | 92 | 1918 | 48 | 1908 | 55 | | 70 | 1986 | 37 | 1944 | 0.16 | | 2.61 | 1930 |
| 7 | 66 | 77 | | 93 | 1955 | 55 | 1893 | 55 | | 71 | 1927 | 39 | 1917 | 0.16 | | 2.27 | 1892 |
| 8 | 66 | 77 | | 96 | 1918 | 50 | 1943 | 55 | | 70 | 1927 | 37 | 1917 | 0.16 | | 6.64 | 1993 |
| 9 | 66 | 77 | | 93 | 1895 | 55 | 1943 | 56 | | 70 | 1963 | 40 | 1923 | 0.16 | | 3.37 | 1943 |
| 10 | 67 | 78 | | 96 | 1967 | 53 | 1954 | 56 | | 71 | 1963 | 40 | 1924 | 0.17 | | 4.71 | 1950 |
| 11 | 67 | 78 | | 94 | 1923 | 54 | 1954 | 56 | | 70 | 1963 | 37 | 1981 | 0.17 | | 2.85 | 1920 |
| 12 | 67 | 78 | | 93 | 1992 | 55 | 1914 | 56 | | 72 | 1956 | 39 | 1979 | 0.17 | | 2.26 | 1982 |
| 13 | 68 | 78 | | 95 | 1984 | 49 | 1953 | 57 | | 69 | 1991 | 39 | 1971 | 0.17 | | 2.58 | 1983 |
| 14 | 68 | 78 | | 92 | 1952 | 55 | 1934 | 57 | | 70 | 1998 | 41 | 1953 | 0.17 | | 2.48 | 1986 |
| 15 | 68 | 79 | | 90 | 1966 | 48 | 1945 | 57 | | 72 | 1999 | 38 | 1907 | 0.18 | | 3.59 | 1920 |
| 16 | 68 | 79 | | 92 | 1966 | 56 | 1920 | 58 | | 75 | 1974 | 42 | 1945 | 0.18 | | 1.81 | 1986 |
| 17 | 69 | 79 | | 96 | 1966 | 61 | 1886 | 58 | | 74 | 1974 | 40 | 1945 | 0.18 | | 3.17 | 1951 |
| 18 | 69 | 79 | | 95 | 1956 | 59 | 1943 | 58 | | 72 | 1996 | 45 | 1976 | 0.18 | | 1.50 | 1902 |
| 19 | 69 | 80 | | 96 | 1973 | 61 | 1943 | 59 | | 72 | 1996 | 40 | 1894 | 0.18 | | 3.35 | 1955 |
| 20 | 69 | 80 | | 94 | 1990 | 63 | 1942 | 59 | | 74 | 1902 | 43 | 1981 | 0.18 | | 2.74 | 1979 |
| 21 | 69 | 80 | | 95 | 1953 | 56 | 1968 | 59 | | 73 | 1953 | 42 | 1892 | 0.18 | | 2.81 | 1922 |
| 22 | 70 | 81 | | 98 | 1939 | 57 | 1892 | 59 | | 74 | 1953 | 42 | 1931 | 0.18 | | 3.09 | 1952 |
| 23 | 70 | 81 | | 99 | 1939 | 60 | 1963 | 60 | | 76 | 1996 | 42 | 1892 | 0.18 | | 4.16 | 1908 |
| 24 | 70 | 81 | | 94 | 1939 | 59 | 1995 | 60 | | 74 | 1996 | 42 | 1935 | 0.18 | | 4.06 | 1903 |
| 25 | 71 | 81 | | 93 | 1990 | 59 | 1995 | 60 | | 72 | 1965 | 47 | 1947 | 0.18 | | 1.49 | 1968 |
| 26 | 71 | 82 | | 96 | 1953 | 58 | 1950 | 61 | | 74 | 1916 | 45 | 1901 | 0.18 | | 3.22 | 1995 |
| 27 | 72 | 82 | | 96 | 1927 | 59 | 1893 | 61 | | 74 | 1912 | 42 | 1907 | 0.18 | | 5.38 | 1987 |
| 28 | 72 | 82 | | 93 | 1895 | 52 | 1992 | 61 | | 71 | 1942 | 43 | 1947 | 0.18 | | 2.33 | 1987 |
| 29 | 72 | 82 | | 94 | 1985 | 57 | 1902 | 62 | | 73 | 1989 | 39 | 1947 | 0.18 | | 5.63 | 1970 |
| 30 | 72 | 83 | | 104 | 1985 | 64 | 1915 | 62 | | 74 | 1974 | 45 | 1947 | 0.18 | | 1.67 | 1958 |
| 31 | 73 | 83 | | 98 | 1934 | 54 | 1903 | 62 | | 74 | 1991 | 44 | 1983 | 0.17 | | 2.14 | 1892 |
| MONTH | 68.4 | 79.1 | | 104 | 1985 | 44 | 1935 | 57.7 | | 76 | 1996 | 32 | 1954 | 5.22 | | 6.64 | 1993 |

DATA COURTESY OF NATIONAL WEATHER SERVICE – NORMAN
 Temperatures are in degrees Fahrenheit; precipitation is in inches.

TULSA CLIMATE CALENDAR

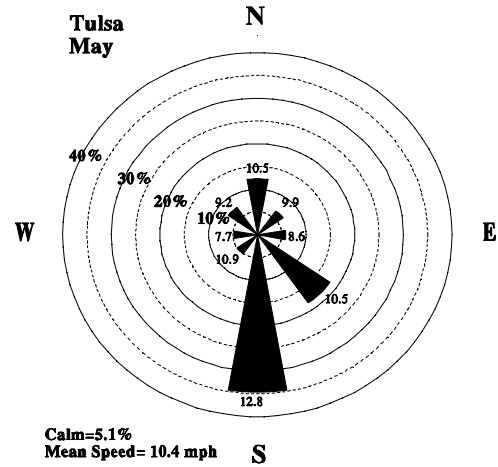
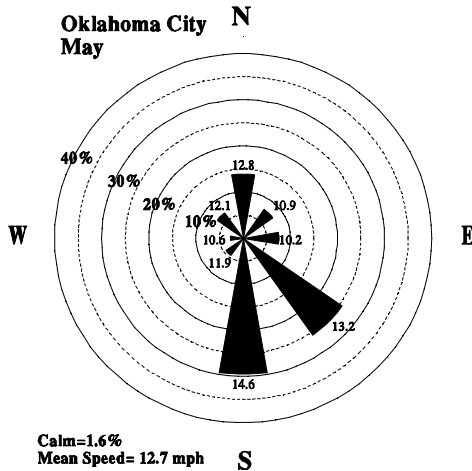
MAY

The data on this calendar are for Tulsa, Oklahoma.
 Normal values are calculated for the period 1961-1990.
 Temperature extremes are for the period 1905-2000.
 Precipitation extremes are for the period 1888-2000.

| Day | Avg. Temp. | Ave. High | 2001 | Record High | Year | Lowest Max | Year | Ave. Low | 2001 | Highest Min. | Year | Record Low | Year | Avg. Precip. | 2001 | Greatest Precip. | Year |
|--------------|-------------|--------------|------|-------------|-------------|------------|-------------|--------------|------|--------------|-------------|------------|-------------|--------------|------|------------------|-------------|
| 1 | 66 | 77 | | 89 | 1948 | 53 | 1966 | 55 | | 71 | 1936 | 32 | 1909 | 0.16 | | 2.10 | 1944 |
| 2 | 66 | 77 | | 94 | 1943 | 50 | 1994 | 55 | | 69 | 1959 | 32 | 1909 | 0.16 | | 1.70 | 1980 |
| 3 | 66 | 77 | | 96 | 1920 | 52 | 1978 | 55 | | 68 | 1938 | 36 | 1976 | 0.16 | | 2.19 | 1979 |
| 4 | 66 | 77 | | 96 | 1920 | 51 | 1935 | 55 | | 72 | 1950 | 36 | 1954 | 0.17 | | 2.30 | 1999 |
| 5 | 67 | 77 | | 92 | 1952 | 51 | 1935 | 56 | | 71 | 1964 | 36 | 1907 | 0.17 | | 2.88 | 1913 |
| 6 | 67 | 77 | | 90 | 1952 | 59 | 1944 | 56 | | 71 | 1986 | 36 | 1944 | 0.17 | | 2.83 | 2000 |
| 7 | 67 | 78 | | 93 | 1918 | 52 | 1910 | 56 | | 72 | 2000 | 40 | 1931 | 0.17 | | 4.09 | 1995 |
| 8 | 67 | 78 | | 97 | 1918 | 53 | 1943 | 56 | | 71 | 1996 | 37 | 1938 | 0.18 | | 3.66 | 1961 |
| 9 | 67 | 78 | | 93 | 1918 | 61 | 1924 | 57 | | 72 | 1948 | 38 | 1923 | 0.18 | | 6.15 | 1943 |
| 10 | 68 | 78 | | 93 | 1963 | 54 | 1924 | 57 | | 71 | 1963 | 41 | 1909 | 0.18 | | 4.36 | 1950 |
| 11 | 68 | 78 | | 94 | 1980 | 58 | 1912 | 57 | | 74 | 1956 | 39 | 1924 | 0.18 | | 2.83 | 1992 |
| 12 | 68 | 79 | | 91 | 1992 | 57 | 1939 | 57 | | 75 | 1956 | 40 | 1960 | 0.18 | | 4.05 | 1982 |
| 13 | 69 | 79 | | 93 | 1911 | 51 | 1953 | 58 | | 72 | 1991 | 41 | 1971 | 0.18 | | 4.47 | 1933 |
| 14 | 69 | 79 | | 93 | 1911 | 54 | 1907 | 58 | | 71 | 1998 | 44 | 1976 | 0.18 | | 2.51 | 1956 |
| 15 | 69 | 79 | | 95 | 1911 | 52 | 1945 | 58 | | 72 | 1996 | 35 | 1907 | 0.19 | | 2.05 | 1910 |
| 16 | 69 | 80 | | 94 | 1931 | 52 | 1945 | 59 | | 74 | 1974 | 40 | 1907 | 0.19 | | 1.40 | 1943 |
| 17 | 69 | 80 | | 94 | 1911 | 65 | 1935 | 59 | | 76 | 1974 | 40 | 1945 | 0.19 | | 1.89 | 1928 |
| 18 | 70 | 80 | | 94 | 1987 | 65 | 1952 | 59 | | 74 | 1996 | 45 | 1976 | 0.19 | | 2.48 | 1960 |
| 19 | 70 | 80 | | 94 | 1911 | 65 | 1981 | 60 | | 74 | 1996 | 46 | 1968 | 0.19 | | 3.91 | 1949 |
| 20 | 70 | 80 | | 94 | 1956 | 64 | 1967 | 60 | | 71 | 1982 | 42 | 1981 | 0.19 | | 2.50 | 1902 |
| 21 | 71 | 81 | | 95 | 1925 | 56 | 1968 | 60 | | 73 | 1962 | 45 | 1915 | 0.19 | | 1.90 | 1978 |
| 22 | 71 | 81 | | 93 | 1953 | 56 | 1917 | 61 | | 77 | 1953 | 44 | 1931 | 0.19 | | 2.10 | 1902 |
| 23 | 71 | 81 | | 94 | 2000 | 62 | 1963 | 61 | | 75 | 1953 | 41 | 1917 | 0.19 | | 1.47 | 1947 |
| 24 | 71 | 82 | | 94 | 1911 | 63 | 1956 | 61 | | 75 | 1996 | 42 | 1935 | 0.19 | | 3.16 | 1908 |
| 25 | 72 | 82 | | 94 | 1911 | 64 | 1995 | 61 | | 75 | 1996 | 45 | 1925 | 0.19 | | 1.80 | 1974 |
| 26 | 72 | 82 | | 94 | 1926 | 60 | 1992 | 62 | | 73 | 1916 | 44 | 1925 | 0.19 | | 2.40 | 1984 |
| 27 | 72 | 82 | | 94 | 1911 | 65 | 1992 | 62 | | 75 | 1912 | 45 | 1961 | 0.18 | | 6.95 | 1984 |
| 28 | 72 | 83 | | 94 | 1926 | 53 | 1992 | 62 | | 73 | 1991 | 45 | 1947 | 0.18 | | 2.08 | 1905 |
| 29 | 72 | 83 | | 98 | 1926 | 62 | 1947 | 62 | | 76 | 1989 | 40 | 1947 | 0.18 | | 1.60 | 1903 |
| 30 | 73 | 83 | | 98 | 1934 | 59 | 1964 | 63 | | 76 | 1989 | 45 | 1947 | 0.18 | | 2.71 | 1976 |
| 31 | 73 | 83 | | 100 | 1934 | 63 | 1907 | 63 | | 77 | 1991 | 49 | 1930 | 0.18 | | 2.50 | 1926 |
| MONTH | 69.3 | 79.71 | | 100 | 1934 | 50 | 1994 | 58.74 | | 77 | 1991 | 32 | 1909 | 0.18 | | 6.95 | 1984 |

DATA COURTESY OF NATIONAL WEATHER SERVICE -- TULSA
 Temperatures are in degrees Fahrenheit; precipitation is in inches.

MAY WIND ROSES



May Wind Roses for Oklahoma City and Tulsa. The frequency (percent) of winds from each direction is represented by length of its bar. The numbers at the ends of the bars indicate the average wind speed from that direction in miles per hour.

MAY SUNRISE/SUNSET TIMES FOR 2001

ALL TIMES ARE CENTRAL STANDARD TIME

OKLAHOMA CITY

| DATE | SUNRISE | SUNSET |
|---------|---------|---------|
| 5/1/01 | 5:38 AM | 7:17 AM |
| 5/2/01 | 5:37 AM | 7:17 AM |
| 5/3/01 | 5:36 AM | 7:18 AM |
| 5/4/01 | 5:35 AM | 7:19 AM |
| 5/5/01 | 5:34 AM | 7:20 AM |
| 5/6/01 | 5:33 AM | 7:21 AM |
| 5/7/01 | 5:32 AM | 7:21 AM |
| 5/8/01 | 5:31 AM | 7:22 AM |
| 5/9/01 | 5:30 AM | 7:23 AM |
| 5/10/01 | 5:29 AM | 7:24 AM |
| 5/11/01 | 5:29 AM | 7:25 AM |
| 5/12/01 | 5:28 AM | 7:26 AM |
| 5/13/01 | 5:27 AM | 7:26 AM |
| 5/14/01 | 5:26 AM | 7:27 AM |
| 5/15/01 | 5:25 AM | 7:28 AM |
| 5/16/01 | 5:25 AM | 7:29 AM |
| 5/17/01 | 5:24 AM | 7:30 AM |
| 5/18/01 | 5:23 AM | 7:30 AM |
| 5/19/01 | 5:22 AM | 7:31 AM |
| 5/20/01 | 5:22 AM | 7:32 AM |
| 5/21/01 | 5:21 AM | 7:33 AM |
| 5/22/01 | 5:21 AM | 7:33 AM |
| 5/23/01 | 5:20 AM | 7:34 AM |
| 5/24/01 | 5:19 AM | 7:35 AM |
| 5/25/01 | 5:19 AM | 7:36 AM |
| 5/26/01 | 5:18 AM | 7:36 AM |
| 5/27/01 | 5:18 AM | 7:37 AM |
| 5/28/01 | 5:18 AM | 7:38 AM |
| 5/29/01 | 5:17 AM | 7:38 AM |
| 5/30/01 | 5:17 AM | 7:39 AM |
| 5/31/01 | 5:16 AM | 7:40 AM |

TULSA

| DATE | SUNRISE | SUNSET |
|---------|---------|---------|
| 5/1/01 | 5:31 AM | 7:11 AM |
| 5/2/01 | 5:30 AM | 7:12 AM |
| 5/3/01 | 5:29 AM | 7:13 AM |
| 5/4/01 | 5:28 AM | 7:14 AM |
| 5/5/01 | 5:27 AM | 7:15 AM |
| 5/6/01 | 5:26 AM | 7:16 AM |
| 5/7/01 | 5:25 AM | 7:16 AM |
| 5/8/01 | 5:24 AM | 7:17 AM |
| 5/9/01 | 5:23 AM | 7:18 AM |
| 5/10/01 | 5:22 AM | 7:19 AM |
| 5/11/01 | 5:21 AM | 7:20 AM |
| 5/12/01 | 5:20 AM | 7:21 AM |
| 5/13/01 | 5:19 AM | 7:21 AM |
| 5/14/01 | 5:18 AM | 7:22 AM |
| 5/15/01 | 5:18 AM | 7:23 AM |
| 5/16/01 | 5:17 AM | 7:24 AM |
| 5/17/01 | 5:16 AM | 7:25 AM |
| 5/18/01 | 5:15 AM | 7:25 AM |
| 5/19/01 | 5:15 AM | 7:26 AM |
| 5/20/01 | 5:14 AM | 7:27 AM |
| 5/21/01 | 5:13 AM | 7:28 AM |
| 5/22/01 | 5:13 AM | 7:29 AM |
| 5/23/01 | 5:12 AM | 7:29 AM |
| 5/24/01 | 5:11 AM | 7:30 AM |
| 5/25/01 | 5:11 AM | 7:31 AM |
| 5/26/01 | 5:10 AM | 7:32 AM |
| 5/27/01 | 5:10 AM | 7:32 AM |
| 5/28/01 | 5:09 AM | 7:33 AM |
| 5/29/01 | 5:09 AM | 7:34 AM |
| 5/30/01 | 5:09 AM | 7:34 AM |
| 5/31/01 | 5:08 AM | 7:35 AM |

ADD ONE HOUR FOR CENTRAL DAYLIGHT TIME

CONTACT INFORMATION



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