

# OKLAHOMA MONTHLY SUMMARY OCTOBER 1995

## TABLE OF CONTENTS

|   |    |
|---|----|
| October 1995 Oklahoma Summary.....                | 2  |
| Table of October 1994/1995 Comparisons.....       | 5  |
| October 1995 Data Summary Tables.....             | 6  |
| October 1995 Mesonet Summary.....                 | 11 |
| October 1995 State Map Summary.....               | 12 |
| December Climatological Normals.....              | 17 |
| 90-Day National Weather Service Outlook.....      | 18 |
| Explanation of Tables and Maps.....               | 19 |
| December 1995 Oklahoma City Climate Calendar..... | 20 |
| December 1995 Tulsa Climate Calendar.....         | 21 |

## MONTHLY SUMMARY FOR OCTOBER 1995

Dry and windy conditions dominated Oklahoma's weather during October. The absence of precipitation allowed the harvest of the cotton, peanut and corn crops to get underway. The weather was favorable for planting winter wheat, but the wind and abundant sunshine dried out the topsoil sufficiently that by month's end a soaking rain was needed. Total precipitation averaged 1.10 inches across the state, 1.97 inches less than normal and the 16th driest since 1892. All areas of the state shared in the precipitation shortage. Despite the dry October, total precipitation for the year across the state is 36.28 inches, 6.13 inches greater than normal. Through the first 10 months, 1995 ranks as the state's 13th wettest year. The average temperature for the month was 62 degrees, 0.1 degree less than normal. The annual average temperature, through 10 months, of 63.3 degrees is also 0.1 degree below normal.

A cold front that roared through the state on the 2nd provided the state with its most significant rainfall of the month, including 3.63 inches at Aphelia (McIntosh County) and 2.86 inches at McCurtain (Haskell). Precipitation amounts were much less in the western two-thirds of the state and in many areas of the west no further precipitation fell during the month.

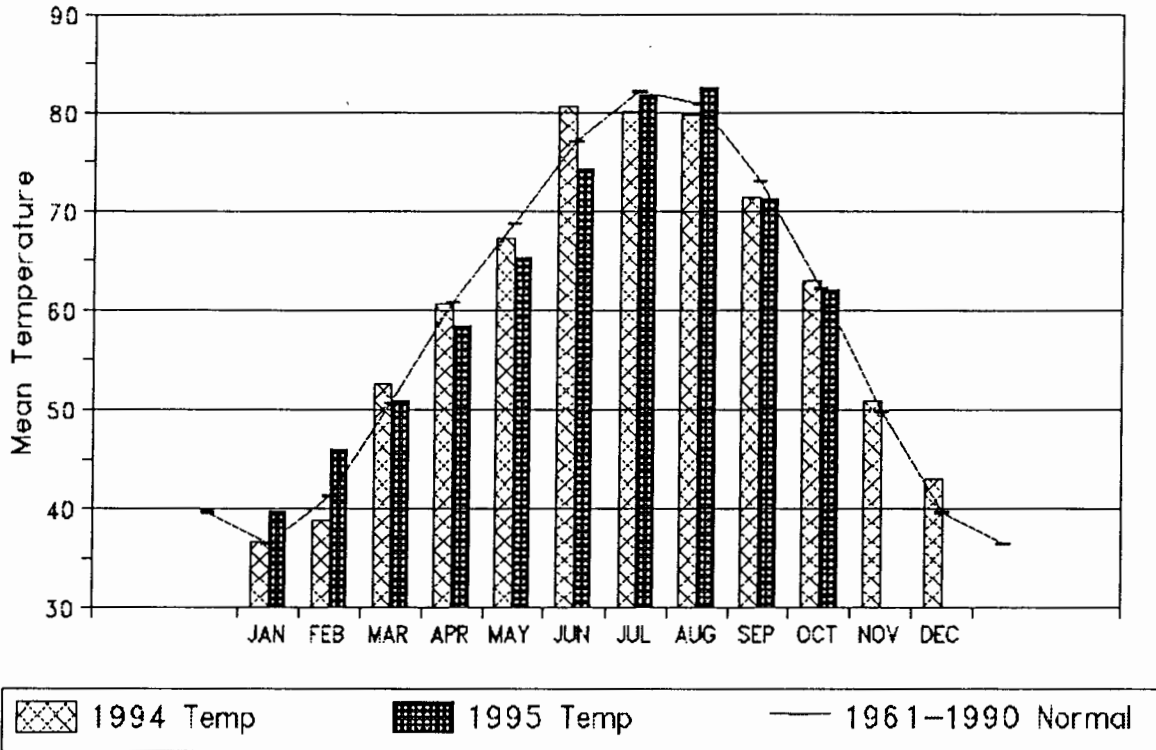
Strong winds followed the frontal passage in western Oklahoma. Winds at many Oklahoma Mesonet stations averaged over 20 miles per hour on the 4th and 5th and gusts in excess of 50 miles per hour were common. The site in Woodward County near Freedom was buffeted by winds averaging over 27 miles per hour on the 5th and the Hooker (Texas) station recorded a gust of 60 miles per hour.

Warm and windy with fair skies characterized the weather statewide from the 4th through the 17th. A cold front that passed through the state on the 18th produced rainfall amounts of up to one-half inch in the southeast, but brought low temperatures in the 20s and more high winds to the northwest. Strong southerly winds prevailed over the western two-thirds of the state on the 22nd and 23rd with temperatures rising into the 90s on the 22nd. A cold front moved through the area on the 23rd turning the still-strong winds from southerly to northerly. The state's lowest temperature during the month, 19 degrees, was reached at Freedom (Woods) and Gage (Ellis) on the 24th.

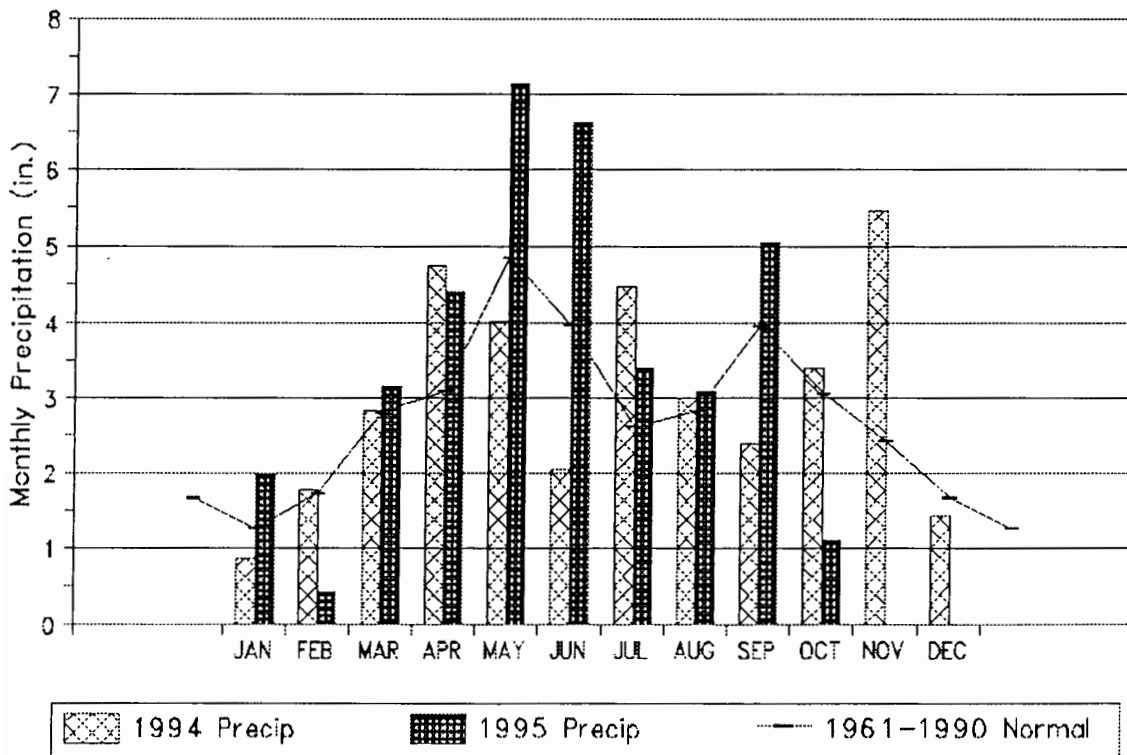
An early-morning thunderstorm on the 25th produced large hail at Seminole (Seminole). Strong thunderstorms in eastern Oklahoma on the evening of the 26th produced the only severe weather in the state during October. A tornado that struck 10 miles southwest of Tahlequah in the Woodall area (Cherokee) damaged 18 homes and two businesses and destroyed several barns. Other tornadoes were reported near Stilwell (Adair), Tahlequah (Cherokee) and Spavinaw (Mayes). Large hail was reported at Okay (Muskogee), Spavinaw (Mayes), Fort Gibson (Muskogee) and Jay (Delaware). All of the tornadoes were characterized by the National Weather Service as F0 (weak). Despite the storms, rainfall was generally light with only Stilwell (Adair; 2.06 inches), and Jay Tower (Delaware; 1.32 inches), reporting more than an inch of rain. Another weak storm system at the end of the month produced up to an inch of rain (Grady in Jefferson County and Heavener in LeFlore County) across southern Oklahoma.

Howard L. Johnson

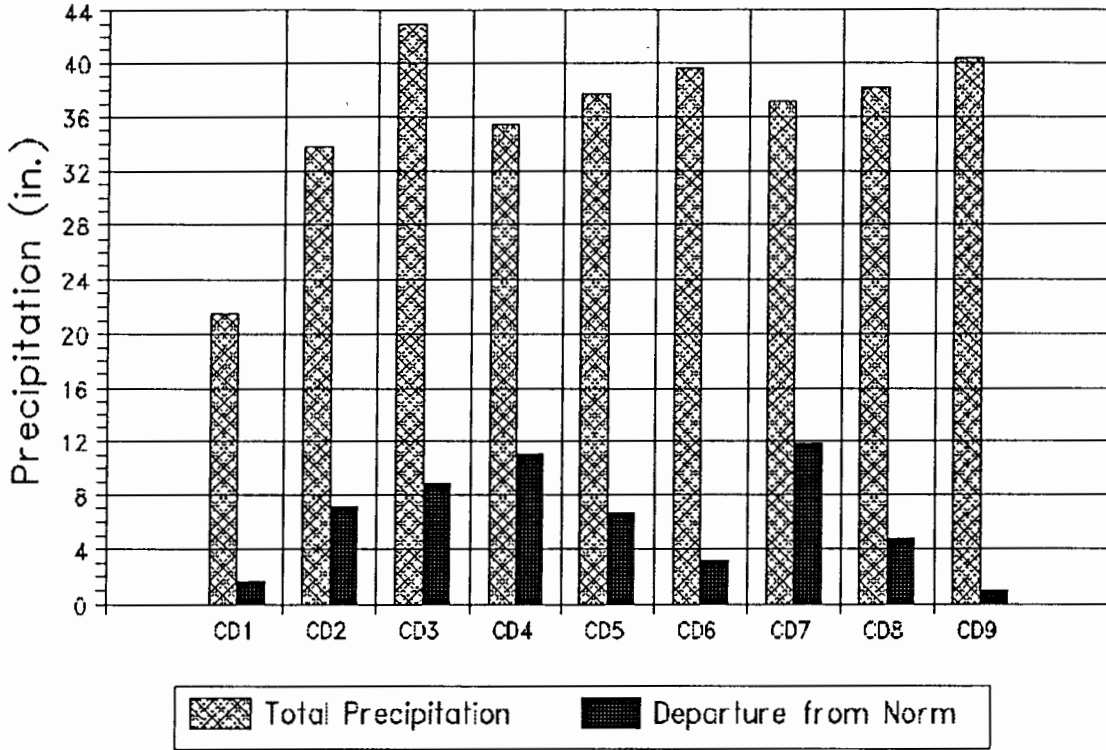
### 1994 and 1995 STATEWIDE TEMPERATURES Monthly Averages



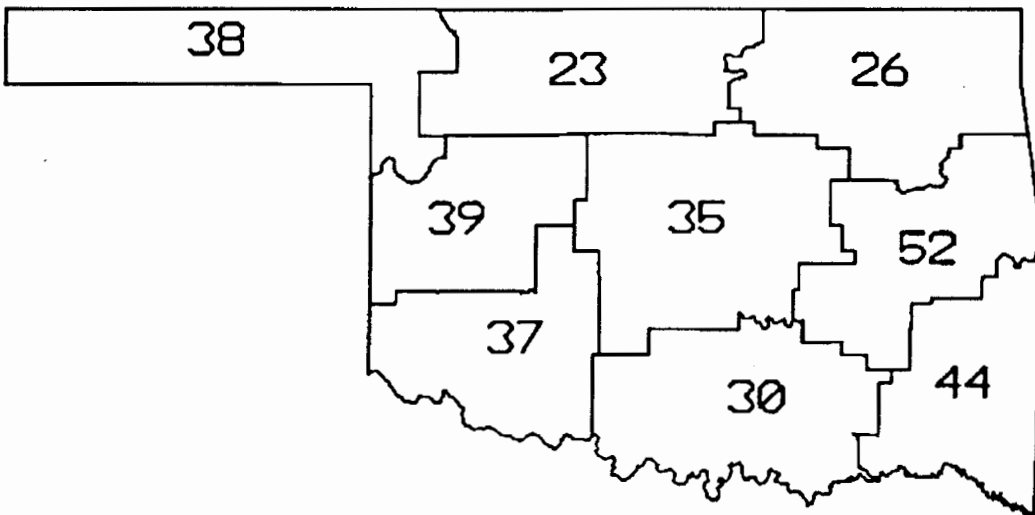
### 1994 and 1995 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation January through October 1995



### CD PERCENT OF NORMAL PRECIPITATION



OCTOBER 1995

EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION  
OCTOBER 1995

| CD | MAX  |      |              | MIN  |      |              | 24-HOUR |      |           | MONTHLY |           |
|----|------|------|--------------|------|------|--------------|---------|------|-----------|---------|-----------|
|    | TEMP | DATE | LOCATION     | TEMP | DATE | LOCATION     | PRECIP  | DATE | LOCATION  | PRECIP  | LOCATION  |
| 1  | 92   | 12   | BUFFALO      | 19   | 24   | GAGE         | .67     | 2    | GAGE      | .81     | ARNETT    |
|    | 92   | 23   | GATE         |      |      |              |         |      |           |         |           |
| 2  | 93   | 23   | FREEDOM      | 19   | 24   | FREEDOM      | .70     | 3    | ORIENTA   | .79     | JEFFERSON |
|    |      |      |              | 19   | 25   | FREEDOM      |         |      |           |         |           |
| 3  | 89   | 2    | HULAH DAM    | 28   | 24   | BARNSDALL    | 1.32    | 26   | JAY TOWER | 2.08    | VINITA    |
|    | 89   | 12   | HULAH DAM    |      |      | HULAH DAM    |         |      |           |         |           |
|    | 89   | 17   | HULAH DAM    |      |      | MIAMI        |         |      |           |         |           |
| 4  | 90   | 22   | REYDON       | 18   | 24   | REYDON       | 1.22    | 3    | MORAVIA   | 1.29    | MORAVIA   |
|    | 90   | 31   | WEATHERFORD  |      |      |              |         |      |           |         |           |
| 5  | 90   | 15   | HENNESSEY    | 27   | 24   | GUTHRIE      | 2.62    | 3    | PERKINS   | 2.62    | PERKINS   |
|    | 90   | 16   | HENNESSEY    |      |      |              |         |      |           |         |           |
| 6  | 89   | 11   | MCALESTER    | 30   | 24   | HOLDENVILLE  | 3.63    | 3    | EUFAULA   | 3.98    | EUFAULA   |
|    |      |      |              | 30   | 25   | OKMULGEE     |         |      |           |         |           |
|    |      |      |              | 30   | 21   | STILWELL     |         |      |           |         |           |
|    |      |      |              | 30   | 21   | TAHLEQUAH    |         |      |           |         |           |
| 7  | 91   | 22   | ALTUS IRR ST | 27   | 24   | ANADARKO     | 1.75    | 3    | APACHE    | 1.75    | APACHE    |
|    | 91   | 22   | HOLLIS       |      |      |              |         |      |           |         |           |
|    | 91   | 22   | MANGUM       |      |      |              |         |      |           |         |           |
| 8  | 90   | 10   | MARIETTA     | 29   | 24   | CHICKASAW    | 1.45    | 2    | BOKCHITO  | 2.17    | MADILL    |
|    | 90   | 11   | MARIETTA     |      |      | PAULS VALLEY |         |      |           |         |           |
|    | 90   | 10   | WAURIKA      |      |      |              |         |      |           |         |           |
|    | 90   | 25   | WAURIKA      |      |      |              |         |      |           |         |           |
|    | 90   | 27   | WAURIKA DAM  |      |      |              |         |      |           |         |           |
| 9  | 91   | 1    | BOSWELL      | 30   | 21   | BATTIEST     | 1.70    | 3    | FANSHAWE  | 3.40    | FANSHAWE  |
|    | 91   | 12   | BROKEN BOW   |      |      |              |         |      |           |         |           |

TABLE OF 1994/1995 COMPARISONS

| Station       | OCTOBER<br>Temperature (°F) |      | OCTOBER<br>Precipitation (in.) |      |
|---------------|-----------------------------|------|--------------------------------|------|
|               | 1994                        | 1995 | 1994                           | 1995 |
| Arnett        | 59.2                        | 57.7 | 1.83                           | 0.81 |
| Enid          | 62.5                        | 63.4 | 4.23                           | 0.65 |
| Tulsa         | 63.7                        | 62.8 | 3.58                           | 1.05 |
| Elk City      | 65.2                        | 61.6 | 2.67                           | 1.14 |
| Oklahoma City | 62.6                        | 61.6 | 1.89                           | 1.54 |
| McAlester     | 65.3                        | 63.5 | 3.02                           | 2.08 |
| Altus Irr Sta | 65.0                        | 64.6 | 1.83                           | 0.57 |
| Durant        | 65.0                        | 63.6 | 6.49                           | 1.28 |
| Hugo          | 65.0                        | 65.0 | 5.91                           | 1.42 |

EXTREMES

| Variable                         | Station | Division | Observation | Date |
|----------------------------------|---------|----------|-------------|------|
| Minimum temperature (°F)         | Reydon  | 4        | 18          | 24   |
| Maximum temperature (°F)         | Freedom | 2        | 93          | 23   |
| Maximum 24-hour<br>precipitation | Eufaula | 6        | 3.63"       | 3    |

**OCTOBER 1995 SUMMARY FOR NORTHWEST DIVISION (CD1)**

| NAME            | ID   | CD | DEV   |     |       |      | HEAT |      |      | DEV   |       | COOL  |       | DEV  |     | TOT   | NUM | DEV | FROM | MAX | DAY |
|-----------------|------|----|-------|-----|-------|------|------|------|------|-------|-------|-------|-------|------|-----|-------|-----|-----|------|-----|-----|
|                 |      |    | MEAN  | NUM | FROM  | MAX  | MIN  | DEG  | FROM | DEG   | FROM  | DEG   | FROM  | PPT  | OBS |       |     |     |      |     |     |
| ARNETT          | 332  | 1  | 57.7  | 31  | -1.1  | 88.  | 23   | 27.  | 24   | 239.0 | 16.0  | 11.5  | -19.5 | .810 | 31  | -1.02 | .50 | 2   |      |     |     |
| BEAVER          | 593  | 1  | 56.6  | 31  | -1.0  | 89.  | 13   | 21.  | 25   | 271.0 | 24.0  | 11.0  | -6.0  | .500 | 31  | -.69  | .50 | 2   |      |     |     |
| BOISE CITY 2 E  | 908  | 1  | 57.6  | 31  | .4    | 89.  | 12   | 23.  | 24   | 242.0 | -12.0 | 12.5  | -.5   | .120 | 31  | -.74  | .12 | 1   |      |     |     |
| BUFFALO         | 1243 | 1  | 61.7  | 31  | .1    | 92.  | 12   | 25.  | 24   | 143.5 | -12.5 | 40.0  | -11.0 | .400 | 31  | -1.54 | .40 | 2   |      |     |     |
| FARGO           | 3070 | 1  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .760 | 31  | -.88  | .46 | 2   |      |     |     |
| GAGE FAA APT    | 3407 | 1  | 57.3  | 31  | -3.1  | 91.  | 22   | 19.  | 24   | 257.0 | 72.0  | 17.0  | -25.0 | .671 | 31  | -.89  | .67 | 2   |      |     |     |
| GATE            | 3489 | 1  | 60.9  | 31  | 1.6   | 92.  | 23   | 30.  | 24   | 173.5 | -31.5 | 46.0  | 18.0  | .460 | 31  | -.95  | .37 | 2   |      |     |     |
| GOODWELL RES ST | 3628 | 1  | 58.5  | 31  | 1.7   | 91.  | 16   | 23.  | 24   | 224.0 | -44.0 | 23.5  | 9.5   | .320 | 31  | -.64  | .32 | 2   |      |     |     |
| GUYMON          | 3835 | 1  | 58.6  | 31  | ***** | 90.  | 12   | 23.  | 24   | 216.0 | ***** | 17.0  | ***** | .230 | 31  | ***** | .13 | 1   |      |     |     |
| HOOVER          | 4298 | 1  | 57.5  | 31  | -.7   | 89.  | 13   | 28.  | 24   | 247.5 | 7.5   | 13.5  | -15.5 | .591 | 31  | -.35  | .59 | 2   |      |     |     |
| KENTON          | 4766 | 1  | 57.2  | 31  | 1.5   | 89.  | 12   | 23.  | 24   | 257.0 | -42.0 | 14.0  | 3.0   | .320 | 31  | -.63  | .32 | 1   |      |     |     |
| LAVERNE         | 5045 | 1  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .781 | 31  | -.63  | .56 | 2   |      |     |     |
| RANGE           | 7412 | 1  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .640 | 31  | ***** | .64 | 2   |      |     |     |
| REGNIER         | 7534 | 1  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .300 | 31  | -.46  | .30 | 2   |      |     |     |
| TURPIN 4 SSE    | 9017 | 1  | 55.1  | 28  | ***** | 87.  | 5    | 24.  | 25   | 283.0 | ***** | 5.5   | ***** | .541 | 31  | ***** | .52 | 2   |      |     |     |

**OCTOBER 1995 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)**

| NAME            | ID   | CD | DEV   |     |       |      | HEAT |      |      | DEV   |       | COOL  |       | DEV  |     | TOT   | NUM | DEV | FROM | MAX | DAY |
|-----------------|------|----|-------|-----|-------|------|------|------|------|-------|-------|-------|-------|------|-----|-------|-----|-----|------|-----|-----|
|                 |      |    | MEAN  | NUM | FROM  | MAX  | MIN  | DEG  | FROM | DEG   | FROM  | DEG   | FROM  | PPT  | OBS |       |     |     |      |     |     |
| ALVA            | 193  | 2  | 62.3  | 31  | ***** | 92.  | 22   | 30.  | 24   | 130.5 | ***** | 48.0  | ***** | .400 | 31  | ***** | .40 | 3   |      |     |     |
| VANCE AFB       | 302  | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .642 | 30  | ***** | .60 | 2   |      |     |     |
| BILLINGS        | 755  | 2  | 60.3  | 31  | -.6   | 89.  | 23   | 29.  | 24   | 186.0 | 19.0  | 41.5  | 1.5   | .591 | 31  | -2.14 | .58 | 3   |      |     |     |
| BLACKWELL 2E    | 818  | 2  | 64.5  | 31  | 3.3   | 92.  | 11   | 33.  | 24   | 90.0  | -66.0 | 73.0  | 34.0  | .090 | 31  | -2.61 | .09 | 31  |      |     |     |
| BRAMAN          | 1075 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .370 | 31  | ***** | .32 | 3   |      |     |     |
| CEDARDALE       | 1620 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .610 | 31  | ***** | .35 | 2   |      |     |     |
| CHEROKEE        | 1724 | 2  | 61.8  | 30  | -.4   | 89.  | 22   | 29.  | 24   | 139.5 | 5.5   | 45.0  | -2.0  | .600 | 31  | -1.31 | .60 | 2   |      |     |     |
| ENID            | 2912 | 2  | 63.4  | 31  | 1.0   | 88.  | 11   | 32.  | 24   | 106.5 | -30.5 | 58.0  | 2.0   | .650 | 31  | -2.46 | .62 | 3   |      |     |     |
| FT SUPPLY DAM   | 3304 | 2  | 57.9  | 31  | -1.0  | 91.  | 23   | 24.  | 24   | 235.5 | 24.5  | 16.5  | -5.5  | .711 | 31  | -.83  | .58 | 2   |      |     |     |
| FREEDOM         | 3358 | 2  | 56.2  | 31  | -4.8  | 93.  | 23   | 19.  | 25   | 284.5 | 123.5 | 12.0  | -25.0 | .600 | 31  | -1.26 | .45 | 3   |      |     |     |
| GREAT SALT PLNS | 3740 | 2  | 62.7  | 22  | ***** | 89.  | 17   | 33.  | 24   | 101.5 | ***** | 50.0  | ***** | .770 | 31  | -1.29 | .54 | 3   |      |     |     |
| HARDY           | 3909 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .300 | 31  | ***** | .20 | 2   |      |     |     |
| HELENA 1 SSE    | 4019 | 2  | 60.7  | 31  | .9    | 88.  | 17   | 27.  | 24   | 167.0 | -26.0 | 34.5  | 3.5   | .541 | 31  | -1.55 | .54 | 3   |      |     |     |
| JEFFERSON       | 4573 | 2  | 62.5  | 31  | .5    | 91.  | 11   | 27.  | 24   | 131.5 | -10.5 | 53.0  | 4.0   | .790 | 31  | -1.86 | .66 | 2   |      |     |     |
| LAMONT          | 5013 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .490 | 31  | ***** | .47 | 3   |      |     |     |
| MEDFORD         | 5768 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .730 | 31  | ***** | .59 | 3   |      |     |     |
| MORRISON        | 6065 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .561 | 31  | ***** | .56 | 3   |      |     |     |
| MUTUAL          | 6139 | 2  | 58.2  | 31  | -1.2  | 89.  | 23   | 27.  | 25   | 222.5 | 19.5  | 13.0  | -16.0 | .620 | 31  | -1.06 | .40 | 3   |      |     |     |
| NEWKIRK         | 6278 | 2  | 62.4  | 30  | .8    | 88.  | 15   | 24.  | 24   | 129.5 | -17.5 | 51.5  | 10.5  | .230 | 31  | -3.00 | .20 | 3   |      |     |     |
| ORIENTA         | 6751 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .700 | 31  | -1.18 | .70 | 3   |      |     |     |
| PERRY           | 7012 | 2  | 64.5  | 31  | 1.7   | 89.  | 16   | 31.  | 24   | 91.0  | -36.0 | 75.0  | 16.0  | .511 | 31  | -2.27 | .51 | 3   |      |     |     |
| PONCA CITY FAA  | 7201 | 2  | 63.5  | 31  | 2.8   | 90.  | 16   | 33.  | 24   | 114.5 | -56.5 | 66.5  | 28.5  | .322 | 31  | -2.60 | .30 | 2   |      |     |     |
| RED ROCK 1 NNE  | 7505 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .520 | 31  | -2.27 | .52 | 3   |      |     |     |
| WAYNOKA         | 9404 | 2  | 60.5  | 31  | -1.2  | 92.  | 22   | 22.  | 24   | 164.0 | -1.0  | 23.0  | -40.0 | .600 | 31  | -1.15 | .37 | 3   |      |     |     |
| WOODWARD        | 9760 | 2  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .430 | 31  | -1.44 | .43 | 4   |      |     |     |

**OCTOBER 1995 SUMMARY FOR NORTHEAST DIVISION (CD3)**

| NAME            | ID   | CD | DEV  |     |      |      |     | HEAT |      | DEV   |       | COOL  |       | DEV   |      | TOT   | NUM  | DEV |       |
|-----------------|------|----|------|-----|------|------|-----|------|------|-------|-------|-------|-------|-------|------|-------|------|-----|-------|
|                 |      |    | MEAN | NUM | FROM | MAX  | MIN | DEG  | FROM | DEG   | FROM  | DEG   | FROM  | DEG   | FROM |       |      | MAX | 24-HR |
| BARNSDALL       | 535  | 3  | 61.3 | 29  | **** | 86.  | 16  | 28.  | 24   | 131.0 | ***** | 24.0  | ***** | 1.081 | 31   | -2.11 | 1.05 | 3   |       |
| BARTLESVILLE 2W | 548  | 3  | 61.5 | 31  | -.1  | 87.  | 16  | 30.  | 21   | 136.5 | -13.5 | 28.5  | -16.5 | .450  | 31   | -2.85 | .44  | 3   |       |
| BIXBY           | 782  | 3  | 60.3 | 30  | -.3  | 86.  | 12  | 30.  | 25   | 164.0 | -13.0 | 21.5  | -16.5 | 1.210 | 31   | -2.49 | 1.21 | 3   |       |
| BURBANK         | 1256 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .484  | 31   | -2.61 | .48  | 2   |       |
| CHELSEA 4 S     | 1717 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.020 | 31   | ***** | .90  | 2   |       |
| CLAREMORE       | 1828 | 3  | 60.2 | 31  | -.2  | 85.  | 17  | 30.  | 25   | 176.5 | -4.5  | 27.5  | -11.5 | 1.040 | 31   | -2.52 | .64  | 3   |       |
| CLEVELAND 5 WSW | 1902 | 3  | 62.9 | 31  | **** | 87.  | 16  | 32.  | 24   | 111.5 | ***** | 47.0  | ***** | .780  | 31   | ***** | .74  | 3   |       |
| FORAKER         | 3250 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .411  | 31   | -3.03 | .40  | 3   |       |
| HOLLOW          | 4258 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .450  | 31   | -3.18 | .22  | 1   |       |
| HOMINY          | 4289 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .603  | 31   | -2.36 | .60  | 3   |       |
| HULAH DAM       | 4393 | 3  | 61.5 | 21  | **** | 89.  | 17  | 28.  | 24   | 94.5  | ***** | 21.0  | ***** | .351  | 31   | -2.85 | .35  | 3   |       |
| JAY TOWER       | 4567 | 3  | 61.7 | 31  | **** | 88.  | 17  | 33.  | 21   | 146.5 | ***** | 45.0  | ***** | 1.870 | 31   | ***** | 1.32 | 26  |       |
| KANSAS 1 ESE    | 4672 | 3  | 61.5 | 31  | .1   | 85.  | 12  | 31.  | 24   | 147.0 | -16.0 | 37.0  | -14.0 | 1.924 | 31   | -2.22 | .60  | 27  |       |
| KEYSTONE DAM    | 4812 | 3  | 60.8 | 29  | **** | 88.  | 17  | 32.  | 21   | 153.0 | ***** | 32.5  | ***** | 1.321 | 31   | -2.03 | .93  | 3   |       |
| LENAPAH         | 5118 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .330  | 31   | ***** | .32  | 3   |       |
| MANNFORD 6 NW   | 5522 | 3  | 62.8 | 31  | .7   | 88.  | 16  | 29.  | 24   | 119.5 | -24.5 | 51.5  | -2.5  | .841  | 31   | -2.24 | .72  | 3   |       |
| MARAMEC         | 5540 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .970  | 31   | -2.05 | .95  | 2   |       |
| MIAMI           | 5855 | 3  | 59.8 | 31  | -.1  | 85.  | 20  | 28.  | 21   | 185.5 | -11.5 | 23.0  | -16.0 | .440  | 31   | -3.29 | .44  | 1   |       |
| NOWATA          | 6485 | 3  | 61.5 | 31  | .2   | 85.  | 17  | 34.  | 25   | 142.0 | -18.0 | 33.0  | -12.0 | .480  | 31   | -2.86 | .45  | 3   |       |
| OLOGAH DAM      | 6729 | 3  | 60.4 | 31  | **** | 86.  | 17  | 31.  | 25   | 169.5 | ***** | 27.5  | ***** | 1.271 | 31   | ***** | .92  | 3   |       |
| PAWHUSKA        | 6935 | 3  | 61.6 | 31  | .4   | 87.  | 16  | 31.  | 21   | 139.5 | -17.5 | 33.5  | -5.5  | .520  | 31   | -2.68 | .50  | 3   |       |
| PAWNEE          | 6940 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .590  | 31   | -2.24 | .54  | 3   |       |
| PRYOR 6 N       | 7309 | 3  | 59.6 | 29  | **** | 86.  | 12  | 32.  | 22   | 173.0 | ***** | 17.5  | ***** | .613  | 31   | -3.20 | .43  | 3   |       |
| RALSTON         | 7390 | 3  | 61.8 | 31  | .2   | 88.  | 11  | 31.  | 24   | 132.5 | -9.5  | 33.5  | -3.5  | .501  | 31   | -2.39 | .50  | 4   |       |
| SKIATOOK        | 8258 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.450 | 31   | -1.73 | 1.28 | 2   |       |
| SPAVINAW        | 8380 | 3  | 63.9 | 31  | .8   | 87.  | 12  | 36.  | 24   | 104.0 | -23.0 | 70.5  | 2.5   | 1.063 | 31   | -2.63 | .58  | 3   |       |
| TULSA WSO APT   | 8992 | 3  | 62.8 | 31  | .6   | 87.  | 16  | 38.  | 24   | 115.5 | -28.5 | 48.5  | -8.5  | 1.050 | 31   | -2.61 | .79  | 2   |       |
| UPPER SPAVINAW  | 9101 | 3  | 59.9 | 31  | **** | 87.  | 11  | 32.  | 24   | 169.5 | ***** | 11.0  | ***** | 1.042 | 31   | ***** | .51  | 27  |       |
| VINITA 2 N      | 9203 | 3  | 61.1 | 31  | .6   | 86.  | 17  | 30.  | 24   | 149.5 | -27.5 | 29.0  | -9.0  | 2.081 | 31   | -1.76 | 1.10 | 1   |       |
| WAGONER         | 9247 | 3  | 62.2 | 31  | -.7  | 85.  | 10  | 33.  | 21   | 127.0 | -9.0  | 39.0  | -32.0 | .781  | 31   | -3.34 | .38  | 3   |       |
| WANN            | 9298 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .581  | 31   | ***** | .51  | 3   |       |
| WYONONA         | 9792 | 3  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .551  | 31   | ***** | .50  | 3   |       |

**OCTOBER 1995 SUMMARY FOR WEST CENTRAL DIVISION (CD4)**

| NAME           | ID   | CD | DEV  |     |      |      |     | HEAT |      | DEV   |       | COOL  |       | DEV   |      | TOT   | NUM  | DEV |       |
|----------------|------|----|------|-----|------|------|-----|------|------|-------|-------|-------|-------|-------|------|-------|------|-----|-------|
|                |      |    | MEAN | NUM | FROM | MAX  | MIN | DEG  | FROM | DEG   | FROM  | DEG   | FROM  | DEG   | FROM |       |      | MAX | 24-HR |
| CANTON DAM     | 1445 | 4  | 59.3 | 30  | -1.1 | 87.  | 17  | 28.  | 24   | 192.0 | 14.0  | 22.5  | -13.5 | .840  | 31   | -1.18 | .42  | 3   |       |
| CLINTON        | 1909 | 4  | 61.9 | 31  | -.6  | 89.  | 10  | 29.  | 24   | 121.5 | -6.5  | 25.0  | -26.0 | .961  | 31   | -1.86 | .85  | 3   |       |
| COLONY         | 2039 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .611  | 31   | ***** | .61  | 3   |       |
| CORDELL        | 2125 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.052 | 31   | -1.47 | 1.05 | 3   |       |
| ELK CITY 1 E   | 2849 | 4  | 61.6 | 29  | **** | 87.  | 22  | 30.  | 24   | 125.0 | ***** | 27.5  | ***** | 1.143 | 31   | -.85  | 1.14 | 2   |       |
| ERICK 4 E      | 2944 | 4  | 60.8 | 31  | -.7  | 89.  | 22  | 27.  | 24   | 147.0 | 5.0   | 16.0  | -17.0 | .900  | 31   | -1.26 | .90  | 2   |       |
| GEARY          | 3497 | 4  | 62.1 | 27  | **** | 86.  | 11  | 30.  | 24   | 113.0 | ***** | 36.0  | ***** | 1.100 | 27   | ***** | 1.10 | 3   |       |
| HAMMON 3 SSW   | 3871 | 4  | 58.1 | 31  | -1.4 | 88.  | 16  | 25.  | 25   | 224.0 | 21.0  | 11.5  | -21.5 | .760  | 31   | -1.22 | .76  | 3   |       |
| LEEDEY         | 5090 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .000  | 29   | ***** | .00  | 31  |       |
| MACKIE 4 NNW   | 5463 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .830  | 31   | ***** | .44  | 2   |       |
| MORAVIA 2 NNE  | 6035 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.290 | 31   | -1.10 | 1.22 | 3   |       |
| OKEENE         | 6629 | 4  | 61.8 | 31  | -1.0 | 89.  | 15  | 30.  | 24   | 135.0 | 10.0  | 37.0  | -20.0 | .630  | 31   | -1.82 | .63  | 2   |       |
| RETROP         | 7565 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.200 | 31   | ***** | 1.20 | 3   |       |
| REYDON         | 7579 | 4  | 52.9 | 4   | **** | 90.  | 22  | 18.  | 24   | 48.5  | ***** | .0    | ***** | .650  | 31   | -1.00 | .65  | 2   |       |
| SAYRE          | 7952 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .740  | 31   | -1.42 | .73  | 3   |       |
| SWEETWATER 2 E | 8652 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .820  | 31   | ***** | .82  | 2   |       |
| TALOGA         | 8708 | 4  | 59.5 | 31  | -1.2 | 88.  | 15  | 24.  | 24   | 183.0 | 20.0  | 11.0  | -18.0 | .771  | 31   | -1.23 | .51  | 3   |       |
| THOMAS         | 8815 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.170 | 31   | ***** | .60  | 2   |       |
| VICI           | 9172 | 4  | **** | 0   | **** | **** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .900  | 31   | -1.06 | .48  | 2   |       |
| WATONGA        | 9364 | 4  | 62.0 | 31  | .3   | 87.  | 15  | 29.  | 24   | 129.0 | -18.0 | 37.0  | -8.0  | .851  | 31   | -1.53 | .83  | 3   |       |
| WEATHERFORD    | 9422 | 4  | 62.8 | 30  | 2.1  | 90.  | 31  | 31.  | 25   | 104.5 | -62.5 | 38.5  | 4.5   | 1.010 | 31   | -1.68 | .80  | 2   |       |

OCTOBER 1995 SUMMARY FOR CENTRAL DIVISION (CD5)

| NAME            | ID   | CD | DEV       |         |           |          |         | HEAT    |           | DEV     |           | COOL    |           | DEV     |    | TOT PPT | NUM OBS | FROM NORM | MAX | 24-HR DAY |
|-----------------|------|----|-----------|---------|-----------|----------|---------|---------|-----------|---------|-----------|---------|-----------|---------|----|---------|---------|-----------|-----|-----------|
|                 |      |    | MEAN TEMP | NUM OBS | FROM NORM | MAX TEMP | MIN DAY | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY |    |         |         |           |     |           |
| AMBER           | 200  | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.510   | 31 | ****    | 1.51    | 3         |     |           |
| ARCADIA         | 288  | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.511   | 31 | ****    | 1.51    | 2         |     |           |
| TINKER AFB      | 325  | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.010   | 31 | ****    | .98     | 2         |     |           |
| BLANCHARD 2 SSW | 830  | 5  | 64.0      | 31      | .6        | 87.      | 11      | 33.     | 24        | 88.5    | -32.5     | 58.0    | -13.0     | 1.431   | 31 | -1.94   | 1.37    | 3         |     |           |
| BRISTOW         | 1144 | 5  | 62.6      | 31      | -.4       | 88.      | 16      | 30.     | 24        | 116.0   | -15.0     | 43.0    | -26.0     | 1.061   | 31 | -2.09   | .96     | 3         |     |           |
| CHANDLER        | 1684 | 5  | 63.4      | 31      | .6        | 88.      | 17      | 32.     | 24        | 88.5    | -37.5     | 38.5    | -19.5     | 1.050   | 31 | -1.97   | 1.05    | 3         |     |           |
| CHICKASHA EX ST | 1750 | 5  | 64.4      | 31      | 1.4       | 89.      | 11      | 28.     | 24        | 85.0    | -40.0     | 66.0    | 3.0       | 1.290   | 31 | -1.96   | 1.24    | 3         |     |           |
| COX CITY 1 E    | 2196 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .980    | 31 | ****    | .85     | 3         |     |           |
| CRESCENT        | 2242 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.390   | 31 | ****    | 1.39    | 3         |     |           |
| CUSHING         | 2318 | 5  | 61.5      | 31      | -.1       | 87.      | 1       | 36.     | 25        | 146.5   | -7.5      | 37.5    | -11.5     | 1.600   | 25 | ****    | 1.55    | 3         |     |           |
| EL RENO 1 N     | 2818 | 5  | 64.0      | 31      | 1.9       | 89.      | 11      | 31.     | 24        | 90.5    | -45.5     | 60.5    | 14.5      | 1.000   | 31 | -1.52   | .98     | 3         |     |           |
| GUTHRIE         | 3821 | 5  | 62.3      | 31      | -.8       | 88.      | 12      | 27.     | 24        | 128.0   | 9.0       | 45.0    | -15.0     | 1.621   | 31 | -1.09   | 1.62    | 3         |     |           |
| HENNESSEY 4 ESE | 4055 | 5  | 62.7      | 31      | .5        | 90.      | 16      | 30.     | 24        | 122.0   | -21.0     | 52.0    | -4.0      | .640    | 31 | -1.70   | .58     | 3         |     |           |
| INGALLS         | 4489 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .780    | 31 | ****    | .78     | 3         |     |           |
| KINGFISHER 2 SE | 4861 | 5  | 62.1      | 31      | -.7       | 89.      | 12      | 30.     | 24        | 119.0   | -5.0      | 30.5    | -25.5     | 1.120   | 31 | -1.21   | 1.06    | 3         |     |           |
| KONAWA          | 4915 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.850   | 31 | -2.22   | 1.85    | 2         |     |           |
| MARSHALL        | 5589 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .500    | 31 | -2.25   | .50     | 3         |     |           |
| MEEKER 4 W      | 5779 | 5  | 62.3      | 30      | -.4       | 86.      | 16      | 31.     | 24        | 120.5   | -13.5     | 39.0    | -23.0     | 1.350   | 31 | -2.19   | 1.09    | 2         |     |           |
| MULHALL         | 6110 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.060   | 31 | ****    | 1.00    | 3         |     |           |
| NORMAN NWS      | 6386 | 5  | 62.3      | 31      | -1.0      | 88.      | 11      | 29.     | 24        | 127.0   | 15.0      | 44.5    | -14.5     | .981    | 31 | -2.25   | .80     | 3         |     |           |
| OILTON 2 SE     | 6616 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.252   | 31 | ****    | 1.25    | 2         |     |           |
| OKEMAH          | 6638 | 5  | 64.9      | 31      | 1.8       | 88.      | 16      | 37.     | 24        | 77.5    | -47.5     | 74.0    | 7.0       | .970    | 31 | -2.87   | .75     | 3         |     |           |
| OKLAHOMA CTY WS | 6661 | 5  | 61.6      | 31      | -.4       | 86.      | 12      | 30.     | 24        | 135.0   | -2.0      | 31.0    | -13.0     | 1.541   | 31 | -1.69   | 1.51    | 2         |     |           |
| PERKINS         | 7003 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 2.620   | 31 | -.35    | 2.62    | 3         |     |           |
| PIEDMONT        | 7068 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .640    | 31 | ****    | .61     | 3         |     |           |
| PRAGUE          | 7264 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.823   | 31 | -2.01   | 1.82    | 2         |     |           |
| PURCELL 5 SW    | 7327 | 5  | 62.7      | 31      | -.5       | 86.      | 11      | 29.     | 24        | 112.5   | -6.5      | 42.0    | -21.0     | .800    | 31 | -3.14   | .65     | 3         |     |           |
| SEMINOLE        | 8042 | 5  | 64.0      | 31      | -.4       | 88.      | 16      | 31.     | 24        | 95.0    | 1.0       | 63.0    | -12.0     | 1.260   | 31 | -2.59   | .94     | 3         |     |           |
| SHAWNEE         | 8110 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .190    | 31 | -3.88   | .15     | 1         |     |           |
| STELLA          | 8479 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.102   | 31 | ****    | 1.05    | 3         |     |           |
| STILLWATER 2 W  | 8501 | 5  | 61.4      | 31      | .9        | 88.      | 12      | 30.     | 25        | 152.5   | -15.5     | 40.5    | 12.5      | .780    | 31 | -2.05   | .78     | 3         |     |           |
| STROUD 1 N      | 8563 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .871    | 31 | ****    | .59     | 3         |     |           |
| TROUSDALE 6S    | 8960 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .620    | 31 | ****    | .54     | 2         |     |           |
| UNION CITY 1 SE | 9086 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .961    | 31 | -2.31   | .96     | 3         |     |           |
| WELTY 1 SSE     | 9479 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .652    | 31 | ****    | .60     | 3         |     |           |
| WEWOKA          | 9575 | 5  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.460   | 31 | -2.25   | .94     | 3         |     |           |

OCTOBER 1995 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

| NAME           | ID   | CD | DEV       |         |           |          |         | HEAT    |           | DEV     |           | COOL    |           | DEV     |    | TOT PPT | NUM OBS | FROM NORM | MAX | 24-HR DAY |
|----------------|------|----|-----------|---------|-----------|----------|---------|---------|-----------|---------|-----------|---------|-----------|---------|----|---------|---------|-----------|-----|-----------|
|                |      |    | MEAN TEMP | NUM OBS | FROM NORM | MAX TEMP | MIN DAY | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY |    |         |         |           |     |           |
| ASHLAND        | 364  | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.090   | 31 | ****    | .65     | 3         |     |           |
| BEGGS          | 631  | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.820   | 31 | ****    | .96     | 1         |     |           |
| BOYNTON        | 1027 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .672    | 31 | ****    | .27     | 3         |     |           |
| CALVIN         | 1391 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | .000    | 31 | -4.10   | .00     | 31        |     |           |
| CHECOTAH       | 1711 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.890   | 31 | -2.34   | 1.32    | 3         |     |           |
| CLAYTON 14 WNW | 1858 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.220   | 31 | ****    | .74     | 3         |     |           |
| DEWAR 2 NE     | 2485 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.381   | 31 | -2.58   | .77     | 3         |     |           |
| DUSTIN         | 2690 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.660   | 31 | ****    | 1.32    | 3         |     |           |
| EUFULA         | 2993 | 6  | 64.0      | 31      | -.6       | 87.      | 16      | 39.     | 24        | 90.0    | -13.0     | 58.5    | -32.5     | 3.980   | 31 | -.14    | 3.63    | 3         |     |           |
| HANNA          | 3884 | 6  | 61.9      | 31      | -1.1      | 87.      | 16      | 31.     | 24        | 122.0   | 4.0       | 25.5    | -30.5     | 3.111   | 31 | -1.04   | 2.57    | 3         |     |           |
| HARTSHORNE     | 3946 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.700   | 31 | ****    | 1.54    | 3         |     |           |
| HASKELL        | 3956 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.390   | 31 | -2.68   | .68     | 1         |     |           |
| HOLDENVILLE    | 4235 | 6  | 62.4      | 31      | -1.2      | 87.      | 10      | 30.     | 24        | 118.0   | 2.0       | 38.5    | -34.5     | 2.760   | 31 | -1.44   | 1.55    | 3         |     |           |
| LYONS 2 N      | 5437 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 2.190   | 31 | -1.29   | 1.27    | 2         |     |           |
| MCALESTER FAA  | 5664 | 6  | 63.5      | 31      | .4        | 89.      | 16      | 31.     | 24        | 109.0   | -21.0     | 63.0    | -8.0      | 2.082   | 31 | -2.50   | 1.85    | 2         |     |           |
| MCCURTAIN 1 SE | 5693 | 6  | 64.0      | 31      | .3        | 88.      | 12      | 35.     | 29        | 97.0    | -18.0     | 65.0    | -10.0     | 3.111   | 31 | -.79    | 2.86    | 3         |     |           |
| MUSKOGEE       | 6130 | 6  | 62.4      | 31      | -.2       | 85.      | 10      | 35.     | 21        | 121.5   | -12.5     | 39.5    | -20.5     | 1.263   | 30 | ****    | .45     | 31        |     |           |
| OKMULGEE W W   | 6670 | 6  | 59.3      | 30      | -2.4      | 88.      | 17      | 30.     | 25        | 186.0   | 30.0      | 15.5    | -38.5     | 1.040   | 31 | -2.97   | .43     | 3         |     |           |
| OKTAHA 2 NE    | 6678 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.100   | 31 | ****    | .81     | 3         |     |           |
| QUINTON        | 7372 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 2.701   | 31 | -1.40   | 2.20    | 2         |     |           |
| SALLISAW 2 NW  | 7862 | 6  | 61.3      | 31      | -1.9      | 85.      | 12      | 35.     | 21        | 160.0   | 35.0      | 45.0    | -24.0     | 2.980   | 31 | -1.46   | 1.93    | 3         |     |           |
| SCIPIO         | 7979 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 3.510   | 31 | ****    | 1.96    | 2         |     |           |
| SCRAPER        | 7993 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.403   | 31 | ****    | .70     | 27        |     |           |
| SHORT          | 8170 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 3.250   | 31 | ****    | 1.40    | 3         |     |           |
| STILWELL 1 NE  | 8506 | 6  | 59.4      | 31      | -1.9      | 84.      | 11      | 30.     | 21        | 191.5   | 31.5      | 17.5    | -27.5     | 3.950   | 31 | -.13    | 2.06    | 27        |     |           |
| TAHLEQUAH      | 8677 | 6  | 61.2      | 31      | -.6       | 88.      | 10      | 30.     | 21        | 145.5   | -11.5     | 28.5    | -29.5     | 2.741   | 31 | -1.47   | 1.60    | 2         |     |           |
| WEBBERS FALLS  | 9445 | 6  | 60.7      | 31      | -.7       | 87.      | 11      | 31.     | 25        | 164.5   | 11.5      | 30.5    | -10.5     | 1.900   | 31 | -2.62   | 1.46    | 3         |     |           |
| WESTVILLE      | 9523 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.570   | 31 | ****    | .65     | 27        |     |           |
| WETUMKA 3 NE   | 9571 | 6  | ****      | 0       | ****      | ****     | 0       | ****    | 0         | ****    | ****      | ****    | ****      | 1.740   | 31 | -2.10   | 1.32    | 3         |     |           |



OCTOBER 1995 SUMMARY FOR SOUTHWEST DIVISION (CD7)

| NAME           | ID   | CD | DEV   |     |       |       |     | HEAT |      | DEV   |       | COOL  |       | DEV   |      | TOT   | NUM  | FROM | MAX | DAY |
|----------------|------|----|-------|-----|-------|-------|-----|------|------|-------|-------|-------|-------|-------|------|-------|------|------|-----|-----|
|                |      |    | MEAN  | NUM | FROM  | MAX   | MIN | DEG  | FROM | DEG   | FROM  | DEG   | FROM  | DEG   | FROM |       |      |      |     |     |
| ALTUS IRR STA  | 179  | 7  | 64.6  | 31  | .0    | 91.   | 22  | 30.  | 24   | 65.5  | -34.5 | 54.5  | -33.5 | .570  | 31   | -1.80 | .57  | 3    |     |     |
| ALTUS DAM      | 184  | 7  | 63.9  | 31  | 1.4   | 89.   | 23  | 35.  | 14   | 93.5  | -38.5 | 58.0  | 3.0   | 1.001 | 31   | -1.74 | 1.00 | 3    |     |     |
| ANADARKO       | 224  | 7  | 61.0  | 27  | ***** | 87.   | 11  | 27.  | 24   | 131.5 | ***** | 23.5  | ***** | .850  | 30   | ***** | .85  | 2    |     |     |
| APACHE         | 260  | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.750 | 31   | -1.06 | 1.75 | 3    |     |     |
| ALTUS AFB      | 447  | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .592  | 31   | ***** | .58  | 2    |     |     |
| CARNEGIE 2 ENE | 1504 | 7  | 62.6  | 31  | -.4   | 85.   | 16  | 37.  | 22   | 103.0 | -15.0 | 28.5  | -27.5 | 1.511 | 31   | -.88  | 1.15 | 2    |     |     |
| CHATTANOOGA    | 1706 | 7  | 64.6  | 31  | .3    | 90.   | 26  | 29.  | 24   | 75.0  | -17.0 | 64.0  | -7.0  | .780  | 31   | -1.94 | .78  | 3    |     |     |
| DUNCAN 11 W    | 2668 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .673  | 31   | ***** | .67  | 3    |     |     |
| FREDERICK      | 3353 | 7  | 64.2  | 31  | .9    | 88.   | 27  | 38.  | 24   | 87.5  | -37.5 | 64.0  | -8.0  | .801  | 31   | -1.85 | .80  | 3    |     |     |
| HEADRICK       | 3998 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.220 | 31   | ***** | .77  | 2    |     |     |
| HOBART FAA APT | 4204 | 7  | 63.1  | 31  | .2    | 88.   | 22  | 31.  | 24   | 107.0 | -20.0 | 48.5  | -13.5 | .851  | 31   | -1.80 | .63  | 2    |     |     |
| HOLLIS         | 4249 | 7  | 62.7  | 31  | -.6   | 91.   | 22  | 30.  | 24   | 100.5 | -17.5 | 28.5  | -36.5 | .900  | 31   | -1.27 | .90  | 3    |     |     |
| LAWTON         | 5063 | 7  | 63.8  | 30  | 1.2   | 88.   | 27  | 36.  | 24   | 87.5  | -42.5 | 51.5  | -4.5  | .870  | 31   | -2.11 | .85  | 3    |     |     |
| FORT SILL      | 5068 | 7  | 63.9  | 31  | ***** | 89.   | 26  | 35.  | 24   | 84.5  | ***** | 51.5  | ***** | 1.223 | 31   | ***** | .61  | 2    |     |     |
| LOOKEBA 2 ENE  | 5329 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .470  | 31   | -2.26 | .47  | 3    |     |     |
| MANGUM RES STA | 5509 | 7  | 63.8  | 31  | .0    | 91.   | 22  | 30.  | 24   | 77.5  | -32.5 | 41.5  | -31.5 | 1.400 | 31   | -1.26 | 1.40 | 3    |     |     |
| RANDLETT 9 E   | 7403 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .591  | 31   | ***** | .53  | 3    |     |     |
| ROOSEVELT      | 7727 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .910  | 31   | -1.65 | .91  | 3    |     |     |
| SEDAN          | 8016 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.100 | 31   | ***** | 1.10 | 3    |     |     |
| SNYDER         | 8299 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .942  | 31   | -1.59 | .94  | 3    |     |     |
| VINSON 3 WNW   | 9212 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.060 | 31   | -1.14 | 1.06 | 3    |     |     |
| WALTERS        | 9278 | 7  | 65.0  | 31  | .4    | 89.   | 26  | 32.  | 24   | 71.0  | -32.0 | 70.0  | -20.0 | .530  | 31   | -2.71 | .53  | 2    |     |     |
| WICHITA MT WLR | 9629 | 7  | 60.6  | 31  | -.9   | 85.   | 27  | 29.  | 25   | 160.0 | 6.0   | 22.5  | -23.5 | 1.700 | 31   | -1.28 | 1.70 | 3    |     |     |
| WILLOW         | 9668 | 7  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.181 | 31   | ***** | 1.16 | 3    |     |     |

OCTOBER 1995 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)

| NAME            | ID   | CD | DEV   |     |       |       |     | HEAT |      | DEV   |       | COOL  |       | DEV   |      | TOT   | NUM  | FROM | MAX | DAY |
|-----------------|------|----|-------|-----|-------|-------|-----|------|------|-------|-------|-------|-------|-------|------|-------|------|------|-----|-----|
|                 |      |    | MEAN  | NUM | FROM  | MAX   | MIN | DEG  | FROM | DEG   | FROM  | DEG   | FROM  | DEG   | FROM |       |      |      |     |     |
| ADA             | 17   | 8  | 62.8  | 31  | -.8   | 87.   | 10  | 35.  | 24   | 111.5 | -16.5 | 43.5  | -40.5 | .541  | 31   | -3.70 | .31  | 3    |     |     |
| ALLEN           | 147  | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .750  | 31   | ***** | .75  | 3    |     |     |
| ARDMORE         | 292  | 8  | 65.6  | 31  | -.5   | 88.   | 10  | 35.  | 24   | 70.5  | -8.5  | 89.5  | -23.5 | .350  | 31   | -3.49 | .18  | 3    |     |     |
| ATOKA DAM       | 394  | 8  | 66.0  | 21  | ***** | 88.   | 12  | 40.  | 24   | 36.5  | ***** | 56.5  | ***** | 1.061 | 23   | ***** | .52  | 26   |     |     |
| BOKCHITO        | 917  | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.700 | 31   | ***** | 1.45 | 2    |     |     |
| CANEY           | 1437 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.630 | 31   | ***** | .67  | 3    |     |     |
| CENTRAHOMA      | 1648 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.550 | 31   | ***** | 1.10 | 3    |     |     |
| CHICKSAW NRA    | 1745 | 8  | 62.2  | 31  | -.2   | 86.   | 27  | 29.  | 24   | 140.0 | 12.0  | 52.0  | 4.0   | .931  | 31   | -3.59 | .44  | 3    |     |     |
| COLEMAN         | 2011 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .900  | 31   | ***** | .50  | 3    |     |     |
| COMANCHE        | 2054 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .530  | 31   | -2.64 | .45  | 3    |     |     |
| DAISY 4 ENE     | 2354 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.722 | 31   | -2.79 | 1.31 | 2    |     |     |
| DUNCAN          | 2660 | 8  | 63.5  | 31  | .3    | 87.   | 27  | 37.  | 25   | 102.5 | -19.5 | 56.0  | -10.0 | 1.010 | 31   | -2.35 | .63  | 3    |     |     |
| DURANT USDA     | 2678 | 8  | 63.6  | 31  | .2    | 88.   | 17  | 36.  | 22   | 99.0  | -17.0 | 54.5  | -11.5 | 1.280 | 31   | -2.90 | .78  | 3    |     |     |
| ELMORE CITY     | 2872 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .680  | 31   | ***** | .40  | 3    |     |     |
| GRADY           | 3688 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.220 | 31   | ***** | 1.00 | 31   |     |     |
| HEALDTON        | 4001 | 8  | 64.3  | 31  | .3    | 89.   | 26  | 34.  | 24   | 78.0  | -24.0 | 55.5  | -15.5 | 1.270 | 31   | -2.31 | .88  | 3    |     |     |
| HENNEPIN        | 4052 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .680  | 31   | ***** | .58  | 3    |     |     |
| KETCHUM RANCH   | 4780 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.370 | 31   | ***** | 1.10 | 2    |     |     |
| KINGSTON        | 4865 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.450 | 31   | -2.82 | .60  | 26   |     |     |
| LEHIGH          | 5108 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.201 | 31   | ***** | .85  | 3    |     |     |
| LINDSAY 2 W     | 5216 | 8  | 63.3  | 31  | -.1   | 89.   | 27  | 30.  | 24   | 97.5  | -12.5 | 44.5  | -15.5 | .662  | 31   | -2.99 | .63  | 3    |     |     |
| LOCO 6 SE       | 5247 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | .980  | 31   | ***** | .61  | 3    |     |     |
| MADILL          | 5468 | 8  | 65.4  | 31  | .4    | 87.   | 10  | 34.  | 14   | 64.5  | -24.5 | 76.5  | -12.5 | 2.170 | 31   | -2.13 | .60  | 2    |     |     |
| MARIETTA        | 5563 | 8  | 66.4  | 31  | 1.2   | 90.   | 11  | 35.  | 24   | 55.0  | -28.0 | 99.5  | 9.5   | 1.221 | 31   | -2.48 | .71  | 30   |     |     |
| MARLOW 1 WSW    | 5581 | 8  | 65.5  | 31  | 2.1   | 89.   | 10  | 30.  | 24   | 68.5  | -49.5 | 84.5  | 16.5  | 1.150 | 31   | -2.43 | 1.14 | 3    |     |     |
| MCGEE CREEK DAM | 5713 | 8  | 64.1  | 31  | ***** | 89.   | 12  | 38.  | 21   | 96.5  | ***** | 69.0  | ***** | 1.790 | 31   | ***** | 1.14 | 3    |     |     |
| PAULS VALLEY    | 6926 | 8  | 63.4  | 31  | -.6   | 89.   | 11  | 29.  | 24   | 100.0 | .0    | 49.5  | -19.5 | .720  | 31   | -3.21 | .52  | 3    |     |     |
| PONTOTOC        | 7214 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.720 | 31   | -2.49 | .94  | 31   |     |     |
| TISHOMINGO NWLR | 8884 | 8  | 64.7  | 23  | ***** | 89.   | 10  | 32.  | 24   | 72.5  | ***** | 64.5  | ***** | 1.080 | 31   | -3.29 | .55  | 2    |     |     |
| TUSSY           | 9032 | 8  | ***** | 0   | ***** | ***** | 0   | **** | 0    | ***** | ***** | ***** | ***** | 1.341 | 31   | ***** | 1.15 | 4    |     |     |
| WAURIKA         | 9395 | 8  | 66.0  | 30  | .9    | 90.   | 25  | 36.  | 24   | 51.0  | -35.0 | 80.5  | -8.5  | .040  | 30   | ***** | .04  | 30   |     |     |
| WAURIKA DAM     | 9399 | 8  | 66.4  | 22  | ***** | 90.   | 27  | 37.  | 24   | 40.5  | ***** | 70.5  | ***** | .451  | 22   | ***** | .45  | 3    |     |     |

**OCTOBER 1995 SUMMARY FOR SOUTHEAST DIVISION (CD9)**

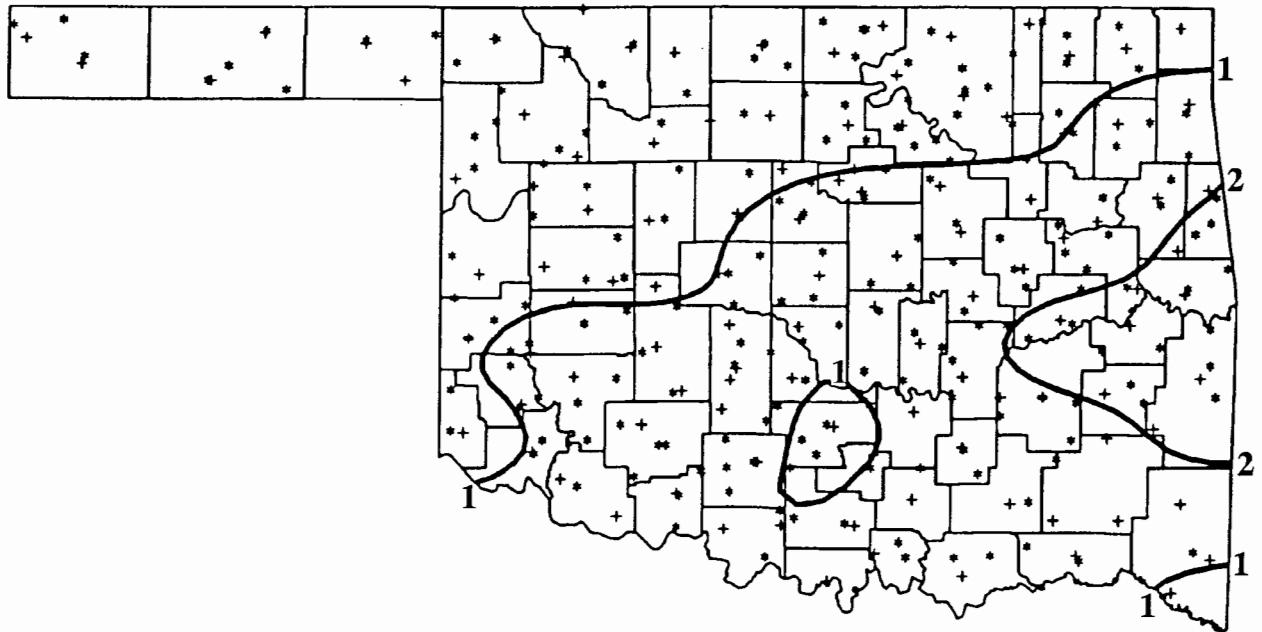
| NAME                | ID   | CD | DEV       |         |           |          |         |          | HEAT |         | DEV       |         | COOL      |         | DEV       |           | TOT PPT | NUM OBS | FROM NORM | MAX   | 24-HR DAY |
|---------------------|------|----|-----------|---------|-----------|----------|---------|----------|------|---------|-----------|---------|-----------|---------|-----------|-----------|---------|---------|-----------|-------|-----------|
|                     |      |    | MEAN TEMP | NUM OBS | FROM NORM | MAX TEMP | MIN DAY | MIN TEMP | DAY  | DEG DAY | FROM NORM | DEG DAY | FROM NORM | DEG DAY | FROM NORM | FROM NORM |         |         |           |       |           |
| ANTLERS             | 256  | 9  | 63.4      | 31      | .1        | 87.      | 11      | 34.      | 21   | 95.5    | -24.5     | 46.0    | -21.0     | *****   | 0         | *****     | *****   | 0       | *****     | ***** | 0         |
| BATTIEST 1 SSW      | 567  | 9  | 59.3      | 31      | *****     | 85.      | 11      | 30.      | 21   | 187.5   | *****     | 12.0    | *****     | 2.241   | 31        | *****     | 1.39    | 3       | *****     | 1.39  | 3         |
| BEAR MT TWR         | 584  | 9  | 65.2      | 13      | *****     | 89.      | 17      | 40.      | 21   | 29.5    | *****     | 32.0    | *****     | 1.570   | 19        | *****     | 1.20    | 3       | *****     | 1.20  | 3         |
| BENGAL              | 670  | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | 2.221   | 31        | *****     | 1.29    | 3       | *****     | 1.29  | 3         |
| BOSWELL 4 NNW       | 980  | 9  | 63.8      | 31      | .0        | 91.      | 1       | 32.      | 28   | 98.0    | -8.0      | 60.5    | -8.5      | .960    | 31        | -3.23     | .38     | 3       | *****     | .38   | 3         |
| BROKEN BOW 1 N      | 1162 | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | 1.230   | 31        | -3.10     | .71     | 2       | *****     | .71   | 2         |
| BROKEN BOW DAM      | 1168 | 9  | 63.3      | 31      | .7        | 91.      | 12      | 32.      | 23   | 96.5    | -34.5     | 44.5    | -12.5     | 1.022   | 31        | -3.30     | .75     | 3       | *****     | .75   | 3         |
| CARNASAW TWR        | 1499 | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | .910    | 31        | -3.69     | .58     | 3       | *****     | .58   | 3         |
| CARTER TWR          | 1544 | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | 1.920   | 31        | -3.14     | 1.55    | 3       | *****     | 1.55  | 3         |
| FANSHAW             | 3065 | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | 3.400   | 30        | *****     | 1.70    | 3       | *****     | 1.70  | 3         |
| HEAVENER 1 SE       | 4008 | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | 2.980   | 31        | -1.09     | 1.07    | 2       | *****     | 1.07  | 2         |
| HUGO                | 4384 | 9  | 65.0      | 31      | .2        | 87.      | 16      | 39.      | 25   | 72.5    | -19.5     | 71.5    | -14.5     | 1.420   | 31        | -2.82     | .80     | 2       | *****     | .80   | 2         |
| IDABEL              | 4451 | 9  | 62.4      | 31      | -1.0      | 89.      | 17      | 34.      | 25   | 129.0   | 14.0      | 49.5    | -15.5     | 1.541   | 31        | -2.93     | .81     | 3       | *****     | .81   | 3         |
| PINE CREEK DAM      | 7080 | 9  | 62.8      | 28      | *****     | 88.      | 1       | 35.      | 21   | 111.0   | *****     | 50.5    | *****     | 1.303   | 31        | *****     | .90     | 3       | *****     | .90   | 3         |
| POTEAU W W          | 7254 | 9  | 61.5      | 31      | *****     | 87.      | 17      | 32.      | 25   | 136.0   | *****     | 26.0    | *****     | 2.203   | 31        | *****     | 1.20    | 3       | *****     | 1.20  | 3         |
| SMITHVILLE 1 W      | 8285 | 9  | 63.4      | 6       | *****     | 86.      | 11      | 34.      | 8    | 18.5    | *****     | 9.0     | *****     | .000    | 6         | *****     | .00     | 31      | *****     | .00   | 31        |
| SPIRO               | 8416 | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | 1.761   | 31        | -2.06     | 1.19    | 3       | *****     | 1.19  | 3         |
| TUSKAHOMA           | 9023 | 9  | 62.5      | 31      | -1.3      | 88.      | 16      | 31.      | 24   | 119.5   | 11.5      | 41.0    | -29.0     | 1.731   | 31        | -2.48     | 1.06    | 3       | *****     | 1.06  | 3         |
| VALLIANT 3 W        | 9118 | 9  | *****     | 0       | *****     | ****     | 0       | ****     | 0    | *****   | *****     | *****   | *****     | 1.283   | 31        | -2.72     | .80     | 3       | *****     | .80   | 3         |
| WILBURTON 9 ENE9634 | 9    | 9  | 61.8      | 31      | -.5       | 88.      | 16      | 31.      | 24   | 127.0   | -13.0     | 28.5    | -28.5     | 2.460   | 31        | -1.85     | 1.14    | 3       | *****     | 1.14  | 3         |

**OCTOBER 1995 CLIMATE DIVISION SUMMARY**

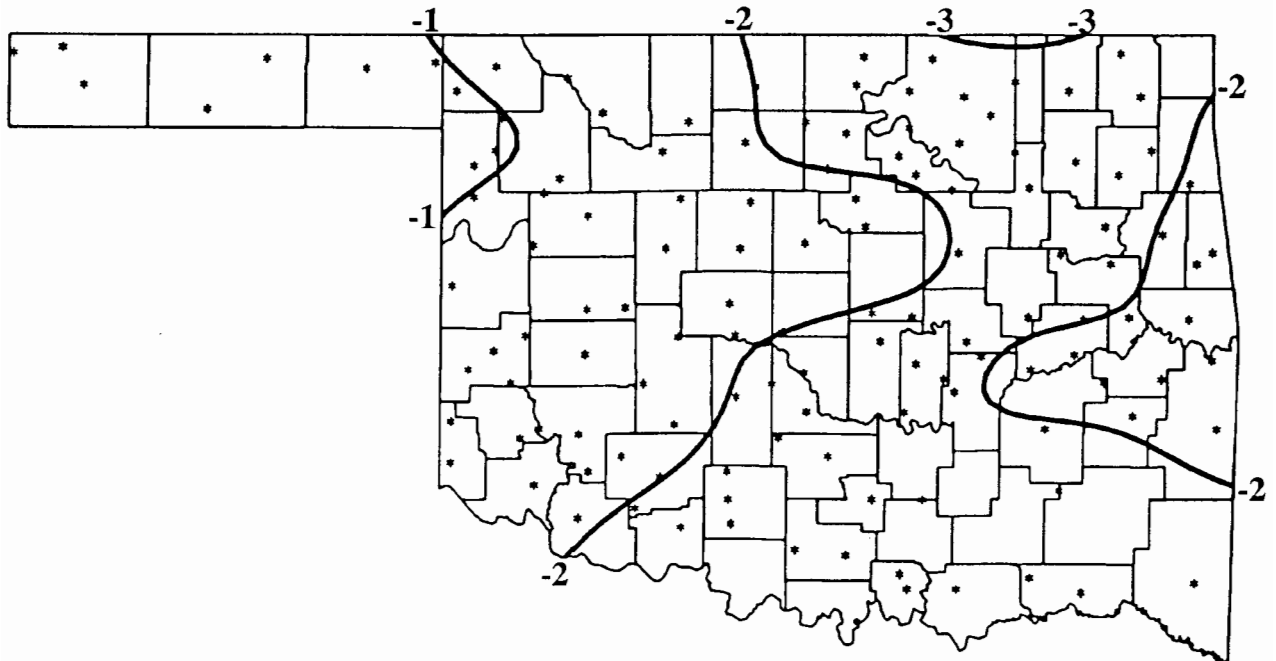
| CLIMATE DIV | MEAN TEMP | NUM STA | DEV       |      |     |      | HEAT DEGREE |           | DEV   |           | COOL DEGREE |           | DEV       |       | TOT PPT | NUM STA | FROM NORM | MAX  | 24-HR DAY |
|-------------|-----------|---------|-----------|------|-----|------|-------------|-----------|-------|-----------|-------------|-----------|-----------|-------|---------|---------|-----------|------|-----------|
|             |           |         | FROM NORM | MAX  | MIN | MIN  | DAYS        | FROM NORM | DAYS  | FROM NORM | DAYS        | FROM NORM | FROM NORM |       |         |         |           |      |           |
| 1           | 58.3      | 10      | -.1       | 92.0 | 23  | 19.0 | 24          | 227.1     | -3.7  | 20.6      | -5.6        | .50       | 15        | -.79  | .67     | 2       | *****     | .67  | 2         |
| 2           | 61.3      | 14      | .3        | 93.0 | 23  | 19.0 | 25          | 156.6     | -7.1  | 43.6      | 1.4         | .53       | 24        | -1.80 | .70     | 3       | *****     | .70  | 3         |
| 3           | 61.5      | 17      | .4        | 89.0 | 17  | 28.0 | 21          | 143.3     | -21.8 | 35.7      | -10.4       | .88       | 32        | -2.53 | 1.32    | 26      | *****     | 1.32 | 26        |
| 4           | 60.8      | 8       | -.6       | 90.0 | 31  | 18.0 | 24          | 154.5     | -.1   | 24.8      | -17.0       | .90       | 19        | -1.31 | 1.22    | 3       | *****     | 1.22 | 3         |
| 5           | 62.9      | 16      | .2        | 90.0 | 16  | 27.0 | 24          | 112.8     | -15.0 | 47.8      | -9.5        | 1.13      | 35        | -2.11 | 2.62    | 3       | *****     | 2.62 | 3         |
| 6           | 61.8      | 11      | -.9       | 89.0 | 16  | 30.0 | 21          | 136.8     | 3.5   | 38.8      | -24.2       | 2.07      | 28        | -2.05 | 3.63    | 3       | *****     | 3.63 | 3         |
| 7           | 63.6      | 12      | .3        | 91.0 | 22  | 27.0 | 24          | 92.7      | -26.5 | 48.6      | -16.6       | .98       | 23        | -1.67 | 1.75    | 3       | *****     | 1.75 | 3         |
| 8           | 64.3      | 13      | .3        | 90.0 | 27  | 29.0 | 24          | 87.3      | -18.1 | 65.8      | -9.7        | 1.16      | 29        | -2.74 | 1.45    | 2       | *****     | 1.45 | 2         |
| 9           | 62.6      | 9       | -.7       | 91.0 | 12  | 30.0 | 21          | 117.9     | -2.2  | 42.2      | -24.3       | 1.70      | 16        | -2.67 | 1.70    | 3       | *****     | 1.70 | 3         |

### MESONET MONTHLY DATA SUMMARY FOR OCTOBER 1995

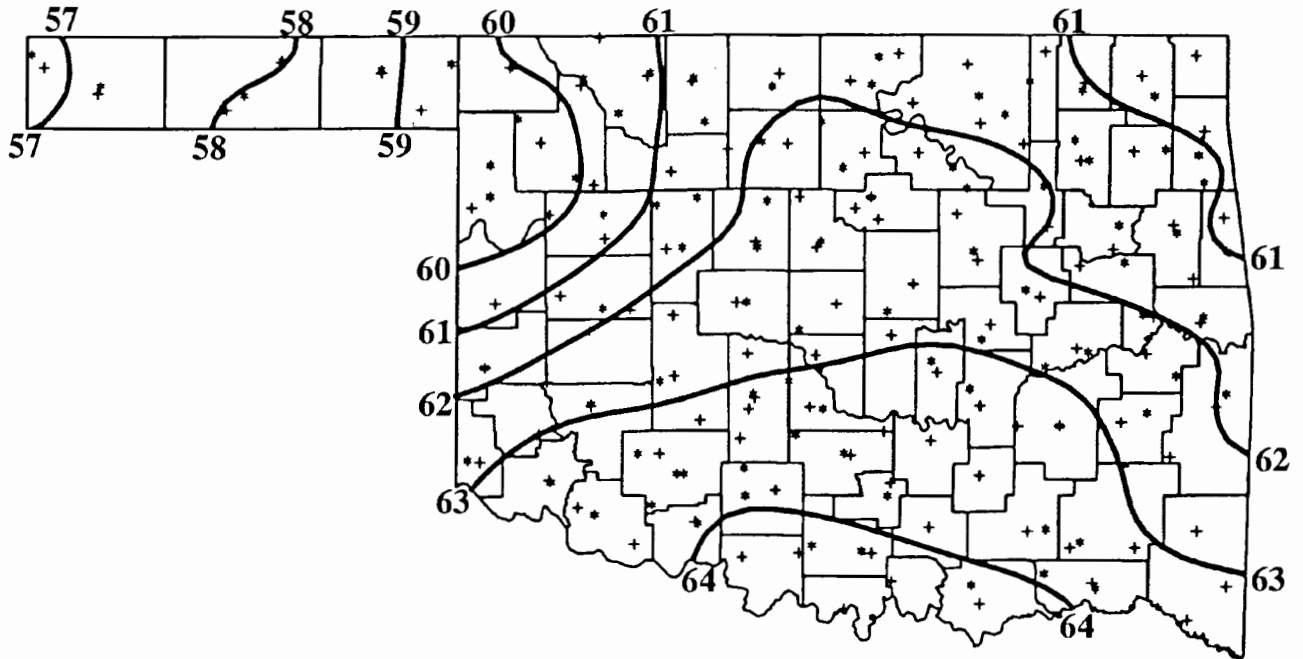
| NAME          | MEAN<br>TEMP | MAX<br>TEMP | DAY | MIN<br>TEMP | DAY | HDD | CDD | TOT<br>PPT | MAX<br>24-HR | DAY | NAME          | TEMP | MEAN<br>TEMP | MAX<br>TEMP | DAY | MIN<br>TEMP | DAY | HDD | CDD  | TOT<br>PPT | MAX<br>24-HR | DAY |
|---------------|--------------|-------------|-----|-------------|-----|-----|-----|------------|--------------|-----|---------------|------|--------------|-------------|-----|-------------|-----|-----|------|------------|--------------|-----|
| ARNETT        | 60.2         | 92          | 22  | 24          | 24  | 178 | 29  | .80        | .79          | 2   | NORTHWEST     | 58.2 | 90           | 12          | 26  | 24          | 225 | 14  | .27  | .15        | 1            |     |
| BEAVER        | 58.5         | 91          | 12  | 22          | 24  | 220 | 20  | .47        | .40          | 2   | GOODWELL      | 57.2 | 90           | 12          | 23  | 24          | 252 | 11  | .46  | .25        | 2            |     |
| BOISE CITY    | 56.4         | 90          | 12  | 24          | 24  | 275 | 8   | .14        | .14          | 1   | HOOKEE        | 55.8 | 88           | 12          | 26  | 24          | 293 | 7   | .09  | .09        | 1            |     |
| BUFFALO       | 60.5         | 93          | 22  | 27          | 24  | 176 | 37  | .59        | .58          | 2   | KENTON        | 60.1 | 91           | 22          | 28  | 24          | 188 | 35  | .81  | .75        | 2            |     |
|               |              |             |     |             |     |     |     |            |              |     | SLAPOUT       |      |              |             |     |             |     |     |      |            |              |     |
|               |              |             |     |             |     |     |     |            |              |     | NORTH CENTRAL |      |              |             |     |             |     |     |      |            |              |     |
| ALVA          | 61.0         | 92          | 22  | 28          | 24  | 166 | 40  | .23        | .23          | 2   | MAY RANCH     | 61.1 | 94           | 22          | 31  | 24          | 164 | 44  | .56  | .56        | 2            |     |
| BLACKWELL     | 62.3         | 91          | 11  | 29          | 24  | 134 | 51  | .35        | .25          | 2   | MEDFORD       | 61.6 | 91           | 15          | 30  | 24          | 158 | 52  | .70  | .65        | 2            |     |
| BRECKENRIDGE  | 62.8         | 91          | 15  | 29          | 24  | 126 | 58  | .90        | .78          | 2   | NEWKIRK       | 59.9 | 87           | 15          | 30  | 24          | 190 | 30  | .31  | .23        | 2            |     |
| CHEROKEE      | 60.5         | 90          | 15  | 29          | 24  | 176 | 36  | .58        | .57          | 2   | RED ROCK      | 61.7 | 90           | 11          | 31  | 24          | 147 | 45  | .53  | .49        | 2            |     |
| FAIRVIEW      | 62.5         | 91          | 15  | 33          | 24  | 134 | 56  | .99        | .94          | 2   | SEILING       | 61.0 | 92           | 15          | 27  | 24          | 161 | 36  | .73  | .70        | 2            |     |
| FREEDOM       | 61.0         | 96          | 22  | 27          | 24  | 168 | 45  | .67        | .67          | 2   | WOODWARD      | 60.8 | 93           | 22          | 30  | 24          | 173 | 41  | .54  | .53        | 2            |     |
| LAHOMA        | 61.9         | 89          | 11  | 32          | 24  | 138 | 42  | .69        | .66          | 2   |               |      |              |             |     |             |     |     |      |            |              |     |
|               |              |             |     |             |     |     |     |            |              |     | NORTHEAST     |      |              |             |     |             |     |     |      |            |              |     |
| BIXBY         | 62.2         | 88          | 11  | 30          | 24  | 126 | 38  | 1.00       | .83          | 2   | NOWATA        | 60.3 | 87           | 16          | 26  | 24          | 175 | 30  | .48  | .42        | 2            |     |
| BURBANK       | 60.4         | 88          | 16  | 29          | 24  | 173 | 30  | .58        | .51          | 2   | PAWNEE        | 62.3 | 89           | 11          | 32  | 24          | 128 | 45  | .51  | .48        | 2            |     |
| CLAREMORE     | 62.5         | 89          | 16  | 31          | 24  | 125 | 48  | .83        | .69          | 2   | PRYOR         | 61.2 | 89           | 16          | 29  | 24          | 150 | 31  | .75  | .41        | 2            |     |
| COPAN         | 61.4         | 89          | 16  | 30          | 21  | 154 | 42  | .30        | .28          | 2   | SKIATOOK      | 62.9 | 87           | 16          | 33  | 24          | 117 | 51  | .81  | .75        | 2            |     |
| FORAKER       | 61.6         | 90          | 16  | 31          | 24  | 149 | 43  | .47        | .45          | 2   | TULLAHASSEE   | 62.3 | 85           | 10          | 35  | 21          | 124 | 39  | .97  | .35        | 26           |     |
| JAY           | 59.7         | 86          | 16  | 28          | 24  | 190 | 27  | 1.24       | .57          | 26  | VINITA        | 59.3 | 88           | 16          | 27  | 24          | 195 | 20  | .46  | .29        | 2            |     |
| MIAMI         | 59.8         | 86          | 16  | 29          | 21  | 186 | 26  | .29        | .24          | 2   | WYMONA        | 62.6 | 90           | 16          | 32  | 24          | 123 | 48  | .43  | .41        | 2            |     |
|               |              |             |     |             |     |     |     |            |              |     | WEST CENTRAL  |      |              |             |     |             |     |     |      |            |              |     |
| BESSIE        | 62.7         | 87          | 11  | 33          | 24  | 116 | 45  | 1.17       | 1.04         | 2   | PUTNAM        | 61.6 | 90           | 15          | 30  | 24          | 147 | 43  | .84  | .81        | 2            |     |
| BUTLER        | 60.7         | 89          | 15  | 26          | 24  | 163 | 29  | .96        | .93          | 2   | RETROP        | 63.2 | 90           | 22          | 33  | 24          | 108 | 52  | 1.34 | 1.31       | 2            |     |
| CAMARGO       | 58.7         | 91          | 22  | 24          | 24  | 209 | 12  | .04        | .03          | 31  | WATONGA       | 63.2 | 89           | 15          | 33  | 24          | 115 | 60  | .78  | .76        | 2            |     |
| CHEYENNE      | 60.5         | 88          | 22  | 32          | 24  | 165 | 27  | 1.15       | 1.10         | 2   | WEATHERFORD   | 62.4 | 87           | 15          | 34  | 24          | 122 | 42  | .91  | .91        | 2            |     |
| ERICK         | 60.2         | 91          | 22  | 26          | 24  | 167 | 19  | 1.21       | 1.18         | 2   |               |      |              |             |     |             |     |     |      |            |              |     |
|               |              |             |     |             |     |     |     |            |              |     | CENTRAL       |      |              |             |     |             |     |     |      |            |              |     |
| ACME          | 64.5         | 90          | 10  | 29          | 24  | 98  | 84  | 1.01       | .65          | 2   | MINCO         | 63.5 | 88           | 11          | 32  | 24          | 103 | 57  | .85  | .52        | 2            |     |
| BOWLEGS       | 63.2         | 89          | 10  | 32          | 24  | 111 | 55  | .74        | .67          | 2   | NINNEKAH      | 64.5 | 90           | 10          | 31  | 24          | 90  | 75  | 1.93 | 1.72       | 2            |     |
| BRISTOW       | 61.8         | 89          | 16  | 29          | 24  | 132 | 34  | .89        | .77          | 2   | NORMAN        | 63.7 | 88           | 15          | 35  | 24          | 95  | 55  | .96  | .92        | 2            |     |
| CHANDLER      | 62.0         | 87          | 16  | 31          | 24  | 132 | 39  | 1.60       | 1.55         | 2   | OILTON        | 61.4 | 90           | 16          | 28  | 24          | 153 | 41  | 1.21 | 1.12       | 2            |     |
| CHICKASHA     | 62.5         | 89          | 10  | 28          | 24  | 120 | 41  | 1.42       | 1.22         | 2   | OKEMAH        | 62.4 | 87           | 10          | 31  | 24          | 125 | 45  | .60  | .48        | 2            |     |
| EL RENO       | 61.7         | 89          | 11  | 28          | 24  | 144 | 42  | .85        | .75          | 2   | PERKINS       | 62.3 | 89           | 16          | 32  | 24          | 129 | 46  | 1.87 | 1.85       | 2            |     |
| GUTHRIE       | 64.0         | 90          | 11  | 31          | 24  | 103 | 70  | .73        | .69          | 2   | SHAWNEE       | 62.9 | 88           | 16          | 31  | 28          | 117 | 51  | 1.05 | 1.01       | 2            |     |
| KINGFISHER    | 61.7         | 88          | 11  | 30          | 24  | 142 | 41  | 1.16       | 1.10         | 2   | SPENCER       | 62.2 | 87           | 11          | 30  | 24          | 140 | 53  | 1.17 | 1.11       | 2            |     |
| MARENA        | 62.2         | 89          | 11  | 29          | 24  | 131 | 45  | 1.05       | 1.02         | 2   | STILLWATER    | 61.0 | 88           | 15          | 30  | 24          | 153 | 29  | .62  | .59        | 2            |     |
| MARSHALL      | 61.5         | 90          | 15  | 27          | 24  | 150 | 41  | .51        | .50          | 2   | WASHINGTON    | 62.8 | 87           | 15          | 34  | 24          | 110 | 41  | .84  | .66        | 2            |     |
|               |              |             |     |             |     |     |     |            |              |     | EAST CENTRAL  |      |              |             |     |             |     |     |      |            |              |     |
| CALVIN        | 63.2         | 89          | 10  | 32          | 24  | 109 | 53  | 2.67       | 2.35         | 2   | SALLISAW      | 63.3 | 89           | 10          | 34  | 21          | 111 | 59  | 2.45 | 1.75       | 2            |     |
| COOKSON       | 61.5         | 88          | 11  | 29          | 24  | 159 | 49  | 1.48       | 1.04         | 2   | STIGLER       | 61.8 | 87           | 10          | 34  | 24          | 136 | 38  | 2.67 | 2.35       | 2            |     |
| EUFALA        | 63.3         | 86          | 10  | 35          | 24  | 102 | 50  | 3.62       | 3.09         | 2   | STUART        | 63.9 | 88           | 10          | 33  | 24          | 98  | 63  | 1.25 | .86        | 2            |     |
| HASKELL       | 62.0         | 87          | 10  | 33          | 24  | 126 | 33  | .55        | .25          | 2   | TAHLEQUAH     | 59.4 | 84           | 11          | 28  | 24          | 194 | 19  | 1.03 | .77        | 2            |     |
| MCALESTER     | 63.5         | 88          | 10  | 31          | 24  | 109 | 61  | 1.87       | 1.68         | 2   | WEBBERS FALLS | 62.5 | 89           | 10          | 33  | 24          | 125 | 48  | 1.72 | 1.16       | 2            |     |
| OKMULGEE      | 62.3         | 91          | 10  | 31          | 24  | 131 | 46  | .68        | .36          | 2   | WESTVILLE     | 61.3 | 86           | 11          | 33  | 24          | 152 | 39  | 1.19 | .80        | 2            |     |
|               |              |             |     |             |     |     |     |            |              |     | SOUTHWEST     |      |              |             |     |             |     |     |      |            |              |     |
| ALTUS         | 63.4         | 91          | 22  | 32          | 24  | 94  | 44  | .68        | .56          | 2   | HOLLIS        | 62.4 | 92           | 22          | 30  | 24          | 117 | 37  | .92  | .90        | 2            |     |
| APACHE        | 62.1         | 86          | 22  | 31          | 24  | 131 | 40  | 2.59       | 1.82         | 2   | MANGUM        | 63.5 | 93           | 22          | 32  | 24          | 92  | 47  | .02  | .01        | 1            |     |
| FORT COBB     | 62.0         | 86          | 15  | 32          | 24  | 130 | 36  | .97        | .79          | 2   | MEDICINE PARK | 66.0 | 88           | 22          | 40  | 24          | 55  | 87  | 2.77 | 2.09       | 2            |     |
| GRANDFIELD    | 63.4         | 91          | 22  | 31          | 24  | 102 | 52  | 1.92       | .97          | 31  | TIPTON        | 62.6 | 91           | 22          | 30  | 24          | 117 | 42  | 1.37 | .95        | 2            |     |
| HINTON        | 62.1         | 88          | 11  | 31          | 24  | 130 | 39  | 1.38       | 1.27         | 2   | WALTERS       | 63.8 | 90           | 26          | 31  | 24          | 91  | 54  | 1.86 | 1.15       | 31           |     |
| HOBART        | 62.8         | 89          | 22  | 30          | 24  | 115 | 47  | .87        | .67          | 2   |               |      |              |             |     |             |     |     |      |            |              |     |
|               |              |             |     |             |     |     |     |            |              |     | SOUTH CENTRAL |      |              |             |     |             |     |     |      |            |              |     |
| ADA           | 64.5         | 90          | 10  | 33          | 24  | 92  | 76  | .70        | .49          | 2   | LANE          | 63.5 | 88           | 11          | 35  | 21          | 103 | 57  | 1.38 | .82        | 2            |     |
| ARDMORE       | 65.7         | 91          | 10  | 36          | 24  | 66  | 89  | .58        | .28          | 2   | MADILL        | 65.7 | 89           | 10          | 35  | 24          | 74  | 95  | 1.14 | .64        | 2            |     |
| BURNEYVILLE   | 65.3         | 92          | 10  | 30          | 24  | 83  | 93  | 1.11       | .81          | 30  | PAULS VALLEY  | 65.0 | 90           | 10          | 34  | 24          | 77  | 78  | .56  | .46        | 2            |     |
| BYARS         | 64.1         | 87          | 11  | 35          | 24  | 91  | 63  | .84        | .75          | 2   | RINGLING      | 63.9 | 91           | 26          | 32  | 24          | 90  | 57  | .88  | .27        | 30           |     |
| CENTRAHOMA    | 63.2         | 89          | 10  | 31          | 24  | 113 | 57  | 1.59       | .99          | 2   | SULPHUR       | 62.0 | 86           | 26          | 29  | 24          | 134 | 42  | .58  | .32        | 2            |     |
| DURANT        | 65.8         | 88          | 10  | 39          | 24  | 66  | 90  | 1.24       | .54          | 2   | TISHOMINGO    | 62.0 | 87           | 10          | 33  | 24          | 128 | 35  | .92  | .58        | 2            |     |
| KETCHUM RANCH | 63.4         | 87          | 11  | 33          | 24  | 104 | 53  | 1.83       | .84          | 2   | WAURIKA       | 64.5 | 90           | 10          | 32  | 24          | 80  | 66  | 1.39 | .79        | 31           |     |
|               |              |             |     |             |     |     |     |            |              |     | SOUTHEAST     |      |              |             |     |             |     |     |      |            |              |     |
| ANTLERS       | 63.2         | 90          | 11  | 31          | 21  | 117 | 60  | 2.22       | 1.62         | 2   | IDABEL        | 63.6 | 89           | 16          | 31  | 24          | 105 | 61  | .97  | .51        | 2            |     |
| BROKEN BOW    | 63.7         | 91          | 11  | 34          | 21  | 108 | 68  | .29        | .18          | 2   | MT HERMAN     | 61.4 | 87           | 11          | 34  | 21          | 152 | 40  | 2.19 | 1.64       | 2            |     |
| CLAYTON       | 63.9         | 89          | 11  | 34          | 21  | 104 | 71  | 2.21       | 1.63         | 2   | TALIHINA      | 62.2 | 90           | 11          | 31  | 21          | 131 | 45  | 1.67 | 1.25       | 2            |     |
| CLOUDY        | 62.5         | 87          | 11  | 34          | 21  | 118 | 42  | 1.19       | .92          | 2   | WILBURTON     | 63.1 | 89           | 11          | 32  | 24          | 118 | 58  | 1.67 | 1.28       | 2            |     |
| HUGO          | 64.2         | 87          | 16  | 39          | 24  | 88  | 63  | .36        | .20          | 25  | WISTER        | 60.2 | 87           | 10          | 31  | 24          | 172 | 24  | 1.53 | .84        | 2            |     |



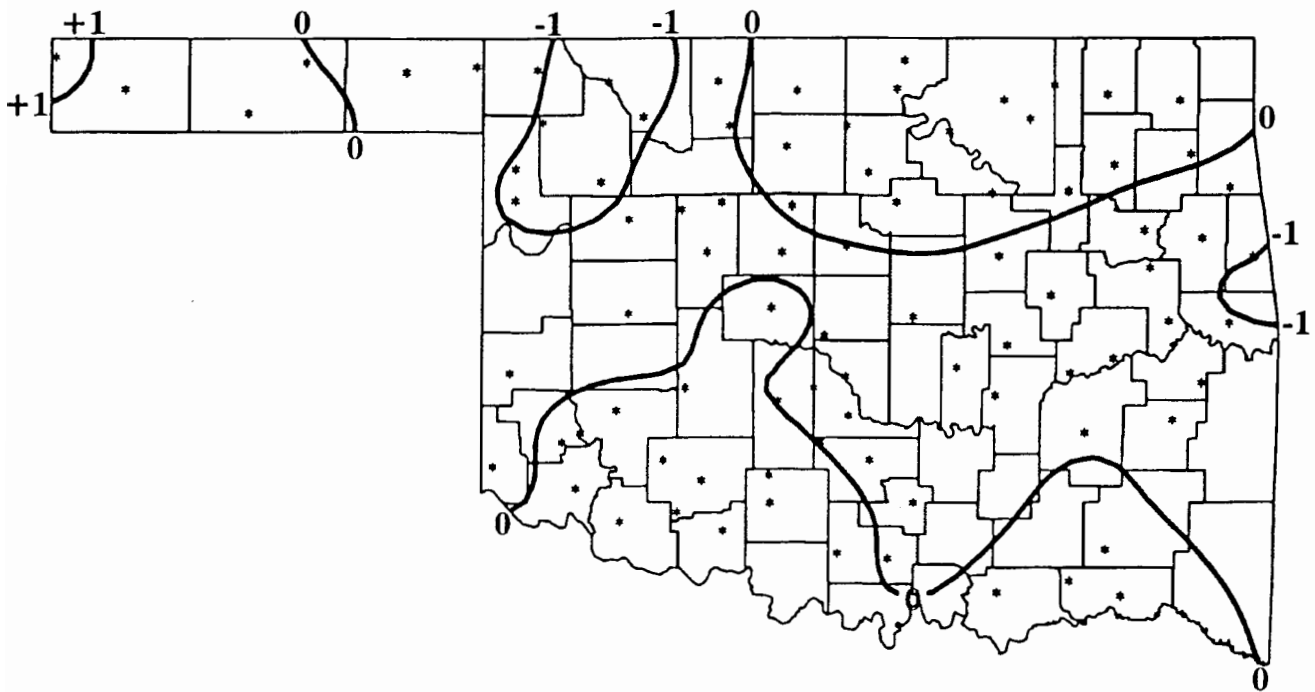
OCTOBER 1995 TOTAL PRECIPITATION  
(Inches)



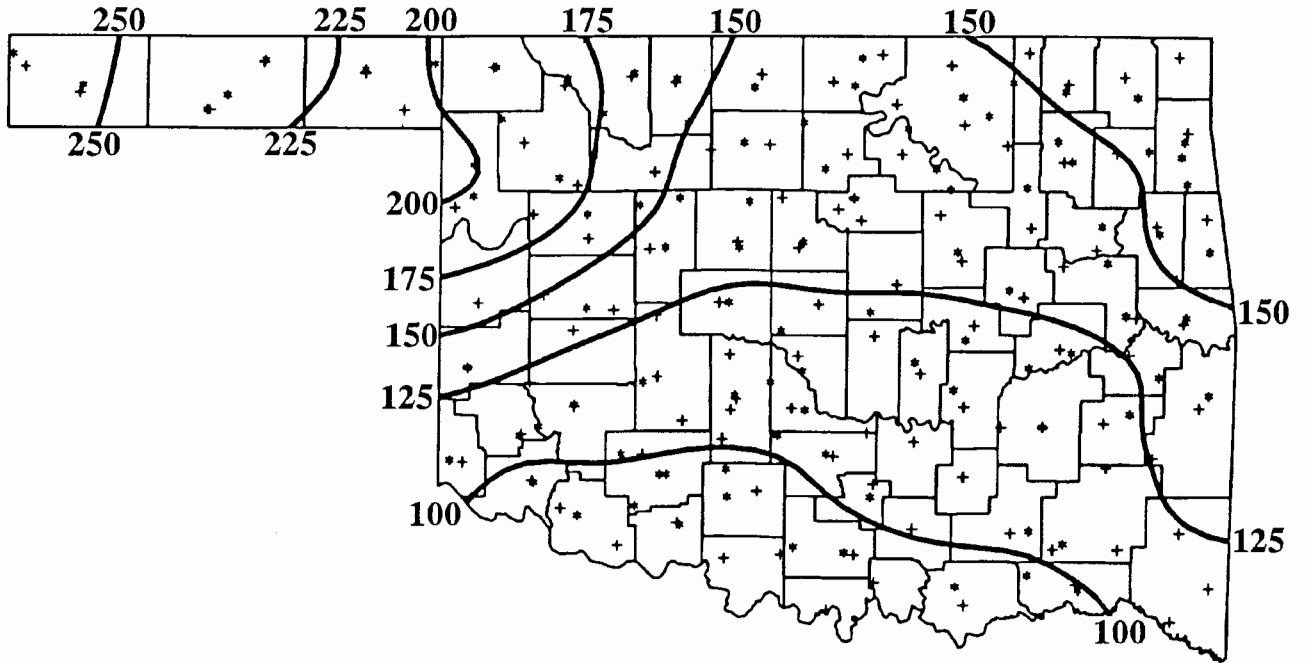
OCTOBER 1995 DEVIATION FROM NORMAL PRECIPITATION  
(Inches)



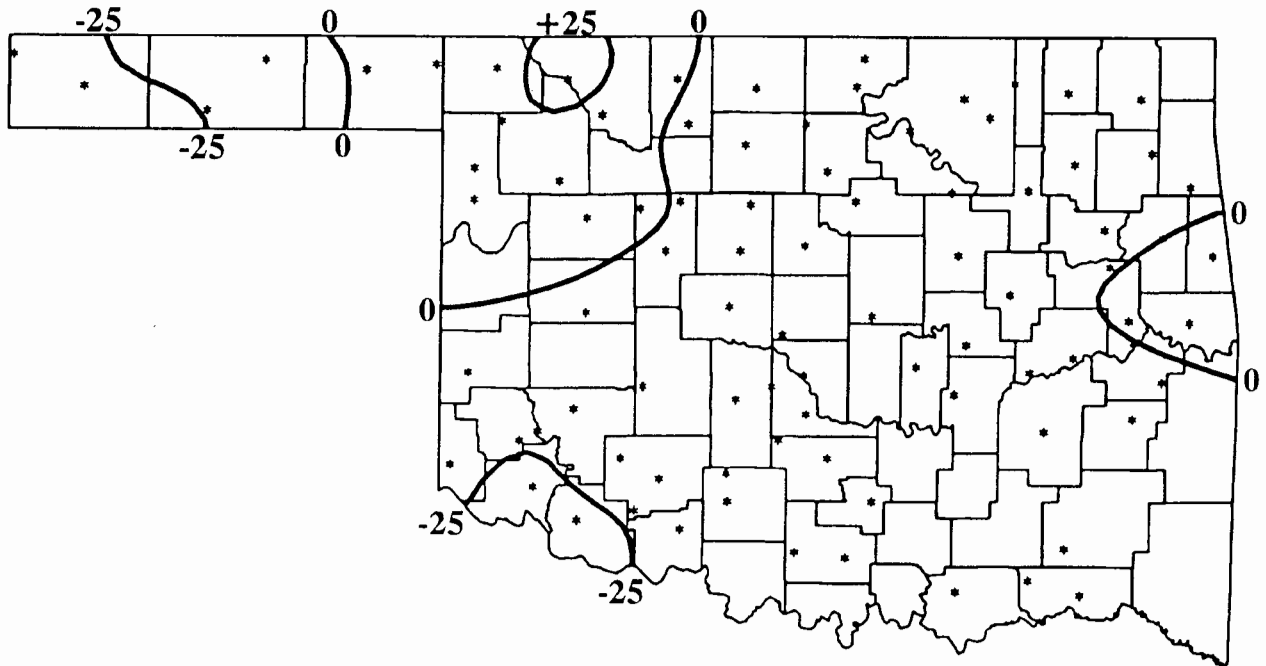
OCTOBER 1995 AVERAGE MONTHLY TEMPERATURES  
(Degrees F)



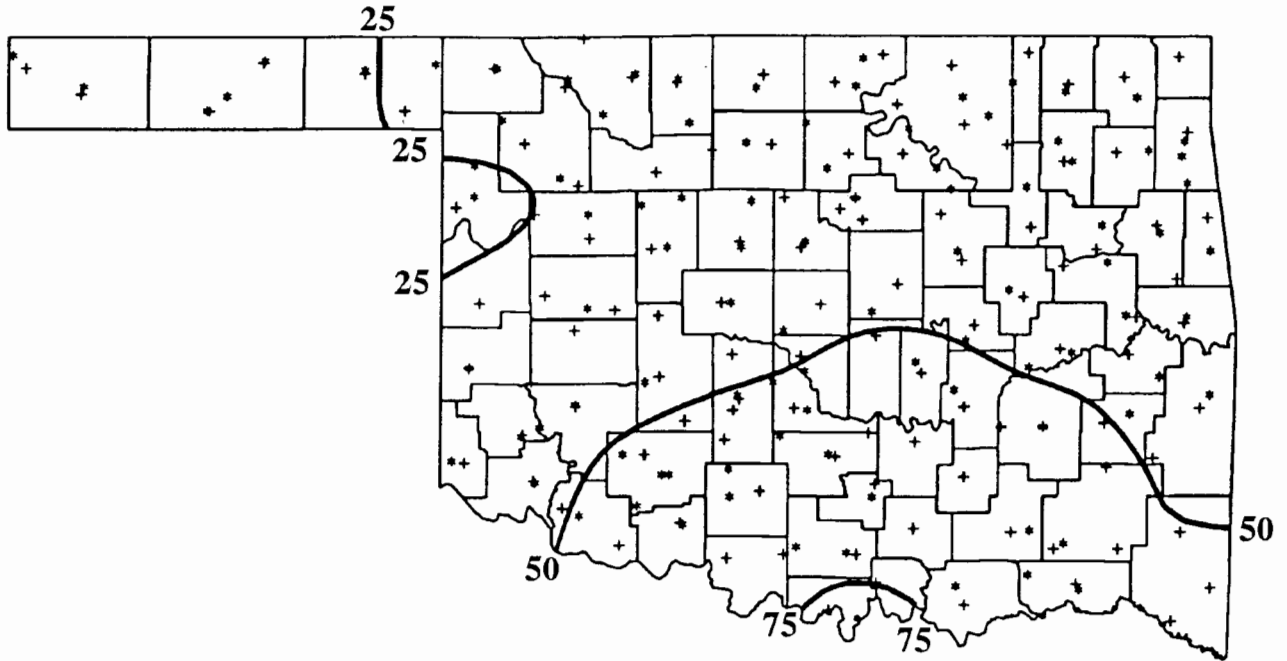
OCTOBER 1995 DEVIATION FROM NORMAL TEMPERATURES  
(Degrees F)



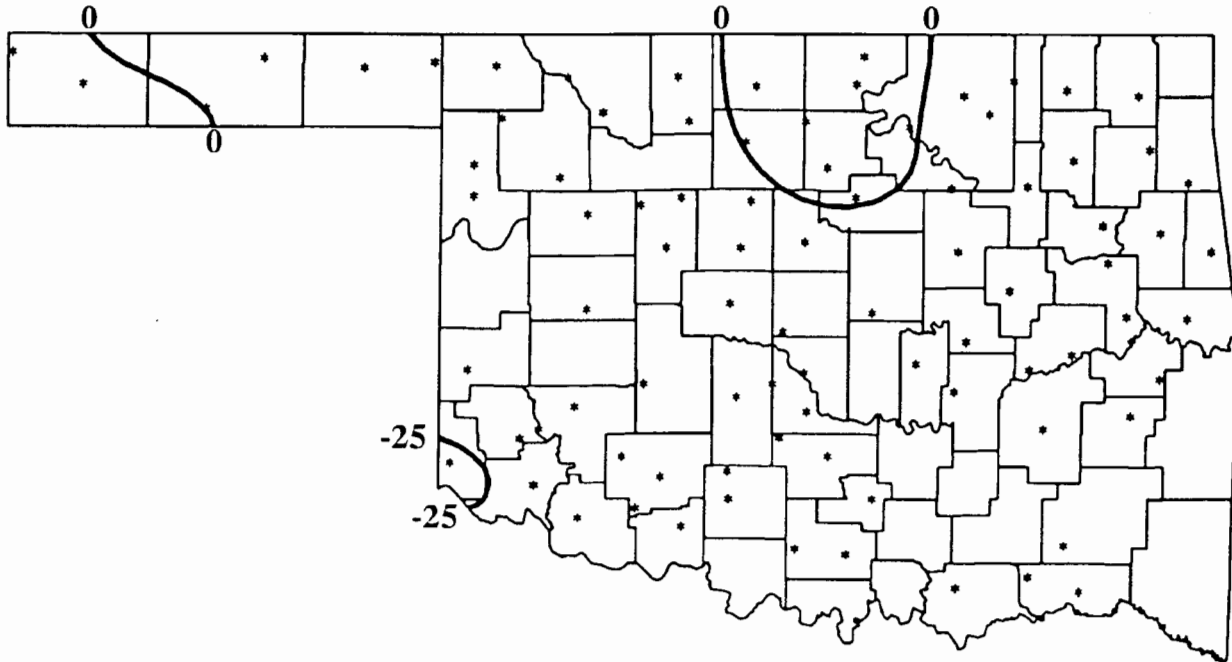
OCTOBER 1995 HEATING DEGREE DAYS



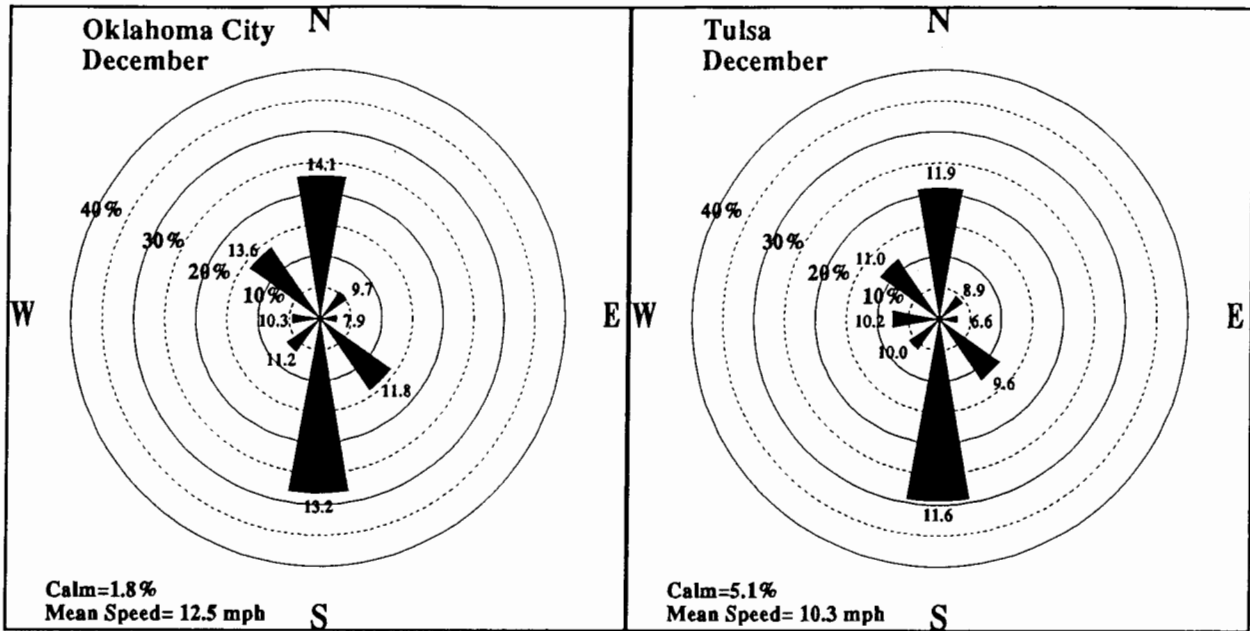
OCTOBER 1995 DEVIATION FROM NORMAL HEATING DEGREE DAYS



OCTOBER 1995 COOLING DEGREE DAYS



OCTOBER 1995 DEVIATION FROM NORMAL COOLING DEGREE DAYS



December Wind Roses for Oklahoma City and Tulsa. Percents represent the frequency of winds from each direction. The numbers at the ends of the bars indicate the average wind speed (miles per hour) from that direction.

DECEMBER 1995 SUNRISE AND SUNSET

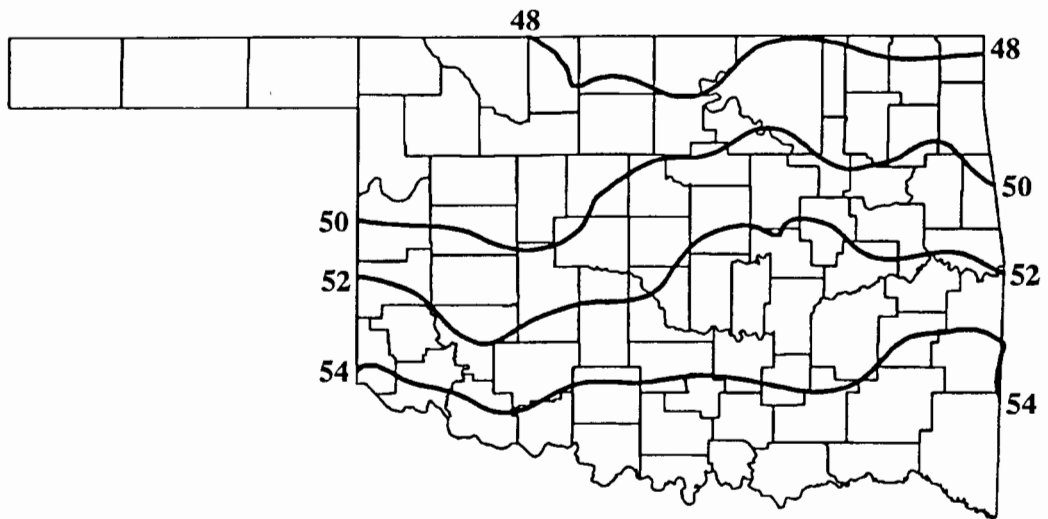
OKLAHOMA CITY

| DATE   | SUNRISE | SUNSET     | DAYLIGHT      |
|--------|---------|------------|---------------|
| 9512 1 | 7:19AM  | 5:21PM cst | 10 hrs 1 mins |
| 9512 2 | 7:20AM  | 5:21PM cst | 10 hrs 0 mins |
| 9512 3 | 7:21AM  | 5:21PM cst | 10 hrs 0 mins |
| 9512 4 | 7:22AM  | 5:20PM cst | 9 hrs 59 mins |
| 9512 5 | 7:23AM  | 5:20PM cst | 9 hrs 58 mins |
| 9512 6 | 7:23AM  | 5:20PM cst | 9 hrs 57 mins |
| 9512 7 | 7:24AM  | 5:20PM cst | 9 hrs 56 mins |
| 9512 8 | 7:25AM  | 5:20PM cst | 9 hrs 55 mins |
| 9512 9 | 7:26AM  | 5:21PM cst | 9 hrs 55 mins |
| 951210 | 7:27AM  | 5:21PM cst | 9 hrs 54 mins |
| 951211 | 7:27AM  | 5:21PM cst | 9 hrs 54 mins |
| 951212 | 7:28AM  | 5:21PM cst | 9 hrs 53 mins |
| 951213 | 7:29AM  | 5:21PM cst | 9 hrs 53 mins |
| 951214 | 7:29AM  | 5:21PM cst | 9 hrs 52 mins |
| 951215 | 7:30AM  | 5:22PM cst | 9 hrs 52 mins |
| 951216 | 7:31AM  | 5:22PM cst | 9 hrs 51 mins |
| 951217 | 7:31AM  | 5:22PM cst | 9 hrs 51 mins |
| 951218 | 7:32AM  | 5:23PM cst | 9 hrs 51 mins |
| 951219 | 7:32AM  | 5:23PM cst | 9 hrs 51 mins |
| 951220 | 7:33AM  | 5:23PM cst | 9 hrs 50 mins |
| 951221 | 7:33AM  | 5:24PM cst | 9 hrs 50 mins |
| 951222 | 7:34AM  | 5:24PM cst | 9 hrs 50 mins |
| 951223 | 7:34AM  | 5:25PM cst | 9 hrs 50 mins |
| 951224 | 7:35AM  | 5:25PM cst | 9 hrs 50 mins |
| 951225 | 7:35AM  | 5:26PM cst | 9 hrs 50 mins |
| 951226 | 7:36AM  | 5:26PM cst | 9 hrs 51 mins |
| 951227 | 7:36AM  | 5:27PM cst | 9 hrs 51 mins |
| 951228 | 7:36AM  | 5:27PM cst | 9 hrs 51 mins |
| 951229 | 7:37AM  | 5:28PM cst | 9 hrs 51 mins |
| 951230 | 7:37AM  | 5:29PM cst | 9 hrs 52 mins |
| 951231 | 7:37AM  | 5:29PM cst | 9 hrs 52 mins |

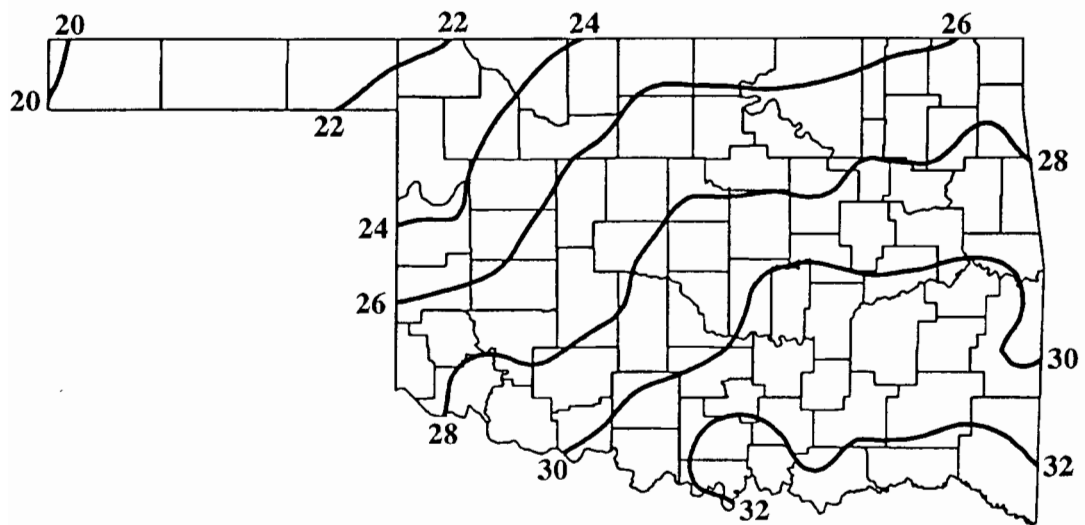
TULSA

| DATE   | SUNRISE | SUNSET     | DAYLIGHT      |
|--------|---------|------------|---------------|
| 9512 1 | 7:14AM  | 5:12PM cst | 9 hrs 58 mins |
| 9512 2 | 7:15AM  | 5:12PM cst | 9 hrs 57 mins |
| 9512 3 | 7:16AM  | 5:12PM cst | 9 hrs 56 mins |
| 9512 4 | 7:17AM  | 5:12PM cst | 9 hrs 55 mins |
| 9512 5 | 7:18AM  | 5:12PM cst | 9 hrs 54 mins |
| 9512 6 | 7:19AM  | 5:12PM cst | 9 hrs 53 mins |
| 9512 7 | 7:19AM  | 5:12PM cst | 9 hrs 52 mins |
| 9512 8 | 7:20AM  | 5:12PM cst | 9 hrs 52 mins |
| 9512 9 | 7:21AM  | 5:12PM cst | 9 hrs 51 mins |
| 951210 | 7:22AM  | 5:12PM cst | 9 hrs 50 mins |
| 951211 | 7:22AM  | 5:12PM cst | 9 hrs 50 mins |
| 951212 | 7:23AM  | 5:12PM cst | 9 hrs 49 mins |
| 951213 | 7:24AM  | 5:12PM cst | 9 hrs 48 mins |
| 951214 | 7:25AM  | 5:13PM cst | 9 hrs 48 mins |
| 951215 | 7:25AM  | 5:13PM cst | 9 hrs 48 mins |
| 951216 | 7:26AM  | 5:13PM cst | 9 hrs 47 mins |
| 951217 | 7:26AM  | 5:13PM cst | 9 hrs 47 mins |
| 951218 | 7:27AM  | 5:14PM cst | 9 hrs 47 mins |
| 951219 | 7:28AM  | 5:14PM cst | 9 hrs 46 mins |
| 951220 | 7:28AM  | 5:15PM cst | 9 hrs 46 mins |
| 951221 | 7:29AM  | 5:15PM cst | 9 hrs 46 mins |
| 951222 | 7:29AM  | 5:15PM cst | 9 hrs 46 mins |
| 951223 | 7:30AM  | 5:16PM cst | 9 hrs 46 mins |
| 951224 | 7:30AM  | 5:16PM cst | 9 hrs 46 mins |
| 951225 | 7:31AM  | 5:17PM cst | 9 hrs 46 mins |
| 951226 | 7:31AM  | 5:17PM cst | 9 hrs 46 mins |
| 951227 | 7:31AM  | 5:18PM cst | 9 hrs 47 mins |
| 951228 | 7:32AM  | 5:19PM cst | 9 hrs 47 mins |
| 951229 | 7:32AM  | 5:19PM cst | 9 hrs 47 mins |
| 951230 | 7:32AM  | 5:20PM cst | 9 hrs 48 mins |
| 951231 | 7:32AM  | 5:20PM cst | 9 hrs 48 mins |

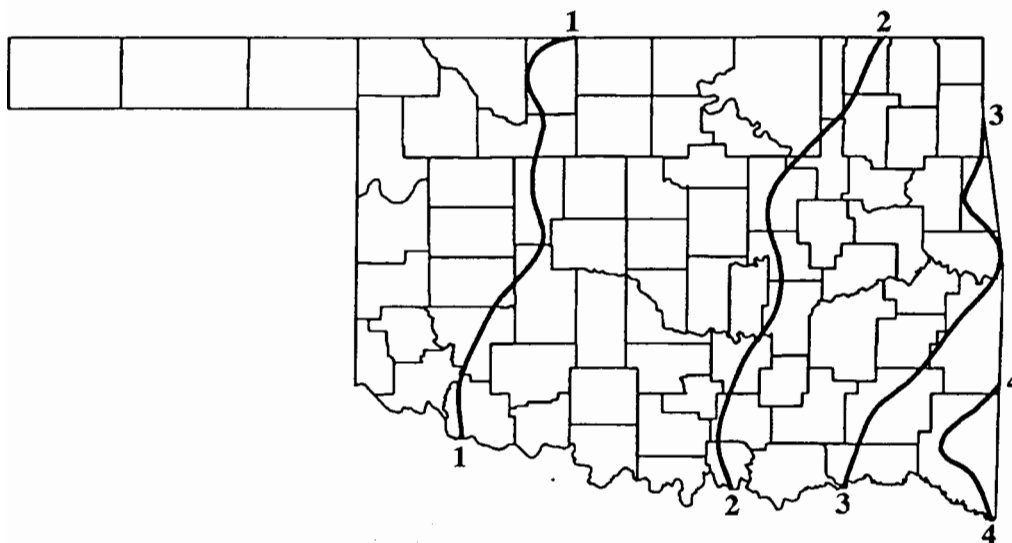




December Normal Daily Maximum Temperatures (°F)



December Normal Daily Minimum Temperatures (°F)



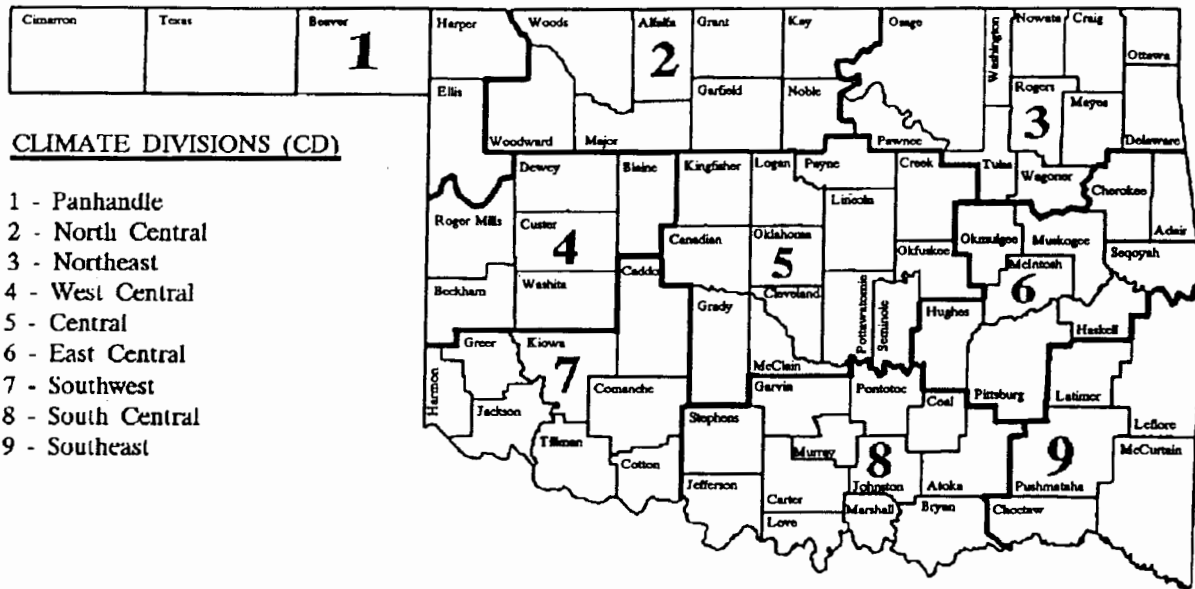
December Normal Monthly Precipitation (inches)

SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(December 1995 through February 1996)

Precipitation - Above Normal West  
Near Normal Elsewhere

Temperature - Near Normal Statewide



**CLIMATE DIVISIONS (CD)**

- 1 - Panhandle
- 2 - North Central
- 3 - Northeast
- 4 - West Central
- 5 - Central
- 6 - East Central
- 7 - Southwest
- 8 - South Central
- 9 - Southeast

**EXPLANATION OF TABLES**

Two kinds of tables appear in this summary. The first is a set of tables containing all reporting stations grouped by climate division. The figure above shows the locations of the climate divisions. Each table contains the following information for each station:

- Station Name:**
- Station Identification Number:** These are usually assigned by the National Climatic Data Center.
- Climate Division:** See the figure above.
- Number of Temperature Observations:** These 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 Maximum:** The maximum daily maximum temperature observed during the current month and year and the day which it occurred.
- Minimum Daily Minimum:** The minimum daily minimum temperature observed during the current month and year and the day 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. They 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. For February 1984 HDD would be calculated as:

$$\sum_{i=1}^{29} 65 - ((TMAX_i + TMIN_i) / 2)$$

**Deviation from Normal Heating Degree Days:** 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. They 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. For June, CDD would be calculated as:

$$\sum_{i=1}^{30} ((TMAX_i + TMIN_i) / 2) - 65$$

Deviation from Normal Cooling Degree Days: 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 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: 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 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.

The second set of tables contain similar information but are the average or extreme over all the stations reporting in each climate division.

OKLAHOMA CITY CLIMATE CALENDAR

December 1995

The data on this calendar are for Oklahoma City. Normal values are calculated for the period 1961-1990. Extremes are found for the period of record (1891-present).

| Normal 1     |           | Normal 2     |           | Normal 3     |           | Normal 4  |           | Normal 5     |           | Normal 6     |           | Normal 7     |           |
|--------------|-----------|--------------|-----------|--------------|-----------|---|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| Actual       | 55.1      | Actual       | 55.9      | Actual       | 56.3      | Actual  | 55.5      | Actual       | 56.3      | Actual       | 52.2      | Actual       | 52.3      |
| max          | 33.4      | max          | 33.4      | max          | 33.7      | max   | 32.7      | max          | 33.9      | max          | 32.7      | max          | 30.4      |
| min          | .02       | min          | .07       | min          | .02       | min   | .03       | min          | .04       | min          | .02       | min          | 0.05      |
| ppt          | 21        | ppt          | 20        | ppt          | 21        | ppt   | 20        | ppt          | 20        | ppt          | 23        | ppt          | 24        |
| hdd          | 0         | hdd          | 0         | hdd          | 0         | hdd   | 0         | hdd          | 0         | hdd          | 0         | hdd          | 0         |
| cdd          |           | cdd          |           | cdd          |           | cdd   |           | cdd          |           | cdd          |           | cdd          |           |
| Highest Max  | 76-1982   | Highest Max  | 77-1975   | Highest Max  | 77-1916   | Highest Max   | 75-1954   | Highest Max  | 77-1975   | Highest Max  | 77-1939   | Highest Max  | 80-1966   |
| Lowest Max   | 20-1985   | Lowest Max   | 20-1919   | Lowest Max   | 15-1897   | Lowest Max  | 25-1972   | Lowest Max   | 31-1992   | Lowest Max   | 19-1972   | Lowest Max   | 19-1909   |
| Lowest Min   | 12-1985   | Lowest Min   | 10-1985   | Lowest Min   | 6-1897    | Lowest Min  | 6-1897    | Lowest Min   | 9-1950    | Lowest Min   | 4-1950    | Lowest Min   | 5-1950    |
| Highest Min  | 57-1933   | Highest Min  | 56-1951   | Highest Min  | 54-1913   | Highest Min   | 53-1913   | Highest Min  | 59-1980   | Highest Min  | 63-1980   | Highest Min  | 54-1984   |
| Greatest ppt | 50-1913   | Greatest ppt | 1.59-1953 | Greatest ppt | 1.39-1947 | Greatest ppt  | 2.59-1930 | Greatest ppt | 1.00-1935 | Greatest ppt | 2.78-1992 | Greatest ppt | 1.23-1980 |
| Normal 8     | Actual    | Normal 9     | Actual    | Normal 10    | Actual    | Normal 11   | Actual    | Normal 12    | Actual    | Normal 13    | Actual    | Normal 14    | Actual    |
| max          | 49.7      | max          | 48.9      | max          | 50.3      | max   | 49.2      | max          | 48.8      | max          | 48.0      | max          | 49.1      |
| min          | 29.9      | min          | 28.6      | min          | 29.7      | min   | 28.6      | min          | 27.3      | min          | 27.8      | min          | 28.5      |
| ppt          | .07       | ppt          | .01       | ppt          | .08       | ppt   | .03       | ppt          | .01       | ppt          | .05       | ppt          | .07       |
| hdd          | 25        | hdd          | 26        | hdd          | 25        | hdd   | 26        | hdd          | 27        | hdd          | 27        | hdd          | 26        |
| cdd          | 0         | cdd          | 0         | cdd          | 0         | cdd   | 0         | cdd          | 0         | cdd          | 0         | cdd          | 0         |
| Highest Max  | 71-1970   | Highest Max  | 73-1915   | Highest Max  | 74-1896   | Highest Max   | 75-1939   | Highest Max  | 73-1973   | Highest Max  | 79-1921   | Highest Max  | 74-1933   |
| Lowest Max   | 17-1917   | Lowest Max   | 15-1919   | Lowest Max   | 22-1917   | Lowest Max  | 21-1961   | Lowest Max   | 17-1932   | Lowest Max   | 17-1958   | Lowest Max   | 10-1901   |
| Lowest Min   | 1-1917    | Lowest Min   | 3-1919    | Lowest Min   | 3-1919    | Lowest Min  | 5-1917    | Lowest Min   | 6-1932    | Lowest Min   | 4-1917    | Lowest Min   | -2-1901   |
| Highest Min  | 61-1946   | Highest Min  | 56-1946   | Highest Min  | 58-1965   | Highest Min   | 52-1946   | Highest Min  | 45-1939   | Highest Min  | 62-1929   | Highest Min  | 64-1948   |
| Greatest ppt | 1.00-1956 | Greatest ppt | 1.93-1911 | Greatest ppt | 1.06-1960 | Greatest ppt  | 1.17-1923 | Greatest ppt | 1.33-1992 | Greatest ppt | 1.80-1994 | Greatest ppt | 1.37-1992 |
| Normal 15    | Actual    | Normal 16    | Actual    | Normal 17    | Actual    | Normal 18   | Actual    | Normal 19    | Actual    | Normal 20    | Actual    | Normal 21    | Actual    |
| max          | 47.4      | max          | 50.1      | max          | 50.4      | max   | 49.5      | max          | 49.9      | max          | 49.6      | max          | 47.8      |
| min          | 27.1      | min          | 27.4      | min          | 28.4      | min   | 28.6      | min          | 29.1      | min          | 27.6      | min          | 25.5      |
| ppt          | .06       | ppt          | .03       | ppt          | .06       | ppt   | .03       | ppt          | .04       | ppt          | .04       | ppt          | .03       |
| hdd          | 28        | hdd          | 26        | hdd          | 26        | hdd   | 26        | hdd          | 25        | hdd          | 26        | hdd          | 28        |
| cdd          | 0         | cdd          | 0         | cdd          | 0         | cdd   | 0         | cdd          | 0         | cdd          | 0         | cdd          | 0         |
| Highest Max  | 75-1948   | Highest Max  | 73-1939   | Highest Max  | 75-1939   | Highest Max   | 69-1982   | Highest Max  | 75-1978   | Highest Max  | 73-1966   | Highest Max  | 69-1966   |
| Lowest Max   | 19-1901   | Lowest Max   | 21-1932   | Lowest Max   | 21-1964   | Lowest Max  | 19-1983   | Lowest Max   | 9-1924    | Lowest Max   | 15-1924   | Lowest Max   | 11-1993   |
| Lowest Min   | 3-1989    | Lowest Min   | 7-1989    | Lowest Min   | 2-1979    | Lowest Min  | 4-1924    | Lowest Min   | -2-1924   | Lowest Min   | 2-1924    | Lowest Min   | -2-1983   |
| Highest Min  | 59-1929   | Highest Min  | 56-1929   | Highest Min  | 45-1939   | Highest Min   | 47-1939   | Highest Min  | 54-1978   | Highest Min  | 51-1990   | Highest Min  | 53-1994   |
| Greatest ppt | 1.53-1984 | Greatest ppt | 56-1931   | Greatest ppt | 1.69-1959 | Greatest ppt  | 2.20-1899 | Greatest ppt | 1.10-1987 | Greatest ppt | .85-1984  | Greatest ppt | 1.26-1907 |
| Normal 22    | Actual    | Normal 23    | Actual    | Normal 24    | Actual    | Normal 25   | Actual    | Normal 26    | Actual    | Normal 27    | Actual    | Normal 28    | Actual    |
| max          | 49.6      | max          | 49.8      | max          | 49.1      | max   | 47.9      | max          | 49.7      | max          | 49.5      | max          | 48.4      |
| min          | 27.6      | min          | 28.6      | min          | 27.1      | min   | 26.7      | min          | 27.8      | min          | 28.4      | min          | 29.7      |
| ppt          | .03       | ppt          | .03       | ppt          | .09       | ppt   | .03       | ppt          | .02       | ppt          | .06       | ppt          | .05       |
| hdd          | 26        | hdd          | 26        | hdd          | 27        | hdd   | 28        | hdd          | 26        | hdd          | 26        | hdd          | 26        |
| cdd          | 0         | cdd          | 0         | cdd          | 0         | cdd   | 0         | cdd          | 0         | cdd          | 0         | cdd          | 0         |
| Highest Max  | 75-1896   | Highest Max  | 72-1982   | Highest Max  | 86-1955   | Highest Max   | 73-1922   | Highest Max  | 68-1988   | Highest Max  | 75-1946   | Highest Max  | 73-1947   |
| Lowest Max   | 4-1989    | Lowest Max   | 10-1983   | Lowest Max   | 3-1983    | Lowest Max  | 13-1983   | Lowest Max   | 18-1892   | Lowest Max   | 15-1894   | Lowest Max   | 21-1925   |
| Lowest Min   | -4-1989   | Lowest Min   | -8-1989   | Lowest Min   | 0-1983    | Lowest Min  | -1-1993   | Lowest Min   | 2-1892    | Lowest Min   | 3-1924    | Lowest Min   | -1-1924   |
| Highest Min  | 55-1893   | Highest Min  | 57-1965   | Highest Min  | 54-1993   | Highest Min   | 49-1936   | Highest Min  | 56-1936   | Highest Min  | 56-1946   | Highest Min  | 59-1984   |
| Greatest ppt | 2.01-1932 | Greatest ppt | 1.80-1932 | Greatest ppt | 1.47-1914 | Greatest ppt  | 1.05-1987 | Greatest ppt | 1.15-1940 | Greatest ppt | 1.06-1927 | Greatest ppt | 1.85-1979 |
| Normal 29    | Actual    | Normal 30    | Actual    | Normal 31    | Actual    | <b>DECEMBER AVERAGES</b>  |           |              |           |              |           |              |           |
| max          | 48.8      | max          | 45.0      | max          | 45.4      | TEMPERATURE : 39.6°F<br>PRECIPITATION : 1.34"<br>HEATING DEGREE DAYS : 786<br>COOLING DEGREE DAYS : 0 |           |              |           |              |           |              |           |
| min          | 28.0      | min          | 26.3      | min          | 25.7      |   |           |              |           |              |           |              |           |
| ppt          | .04       | ppt          | .03       | ppt          | .09       |   |           |              |           |              |           |              |           |
| hdd          | 27        | hdd          | 29        | hdd          | 29        |   |           |              |           |              |           |              |           |
| cdd          | 0         | cdd          | 0         | cdd          | 0         |   |           |              |           |              |           |              |           |
| Highest Max  | 77-1951   | Highest Max  | 74-1951   | Highest Max  | 80-1951   |   |           |              |           |              |           |              |           |
| Lowest Max   | 12-1917   | Lowest Max   | 14-1990   | Lowest Max   | 10-1927   |   |           |              |           |              |           |              |           |
| Lowest Min   | 3-1983    | Lowest Min   | 3-1990    | Lowest Min   | 1-1968    |   |           |              |           |              |           |              |           |
| Highest Min  | 60-1992   | Highest Min  | 55-1965   | Highest Min  | 55-1965   |   |           |              |           |              |           |              |           |
| Greatest ppt | .23-1972  | Greatest ppt | .40-1899  | Greatest ppt | 2.55-1984 |   |           |              |           |              |           |              |           |

TULSA CLIMATE CALENDAR

December 1995

The data on this calendar are for Tulsa. Normal values are calculated for the period 1948-1991. Temperature extremes are for the period 1905-1992; precipitation extremes are for the period 1948-1992.

| Normal  | Actual   | Normal  | Actual   | Normal  | Actual   | Normal  | Actual   | Normal  | Actual  | Normal  | Actual   | Normal  | Actual   | Normal | Actual | Normal | Actual |
|---|--|---|--|---|--|---|--|---|---|---|--|---|--|--------|--------|--------|--------|
| 55.0<br>34.0<br>31.0<br>20.2<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1950<br>26-1985<br>14-1985<br>59-1982<br>54-1993  | 56.0<br>34.0<br>31.0<br>20<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 76-1956<br>24-1985<br>11-1985<br>58-1951<br>73-1953  | 56.0<br>33.0<br>31.0<br>20<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1916<br>33-1964<br>15-1929<br>49-1962<br>84-1973  | 56.0<br>34.0<br>31.0<br>20<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1906<br>27-1972<br>20-1945<br>55-1960<br>82-1960  | 56.0<br>34.0<br>31.0<br>20<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1989<br>32-1992<br>10-1950<br>61-1980<br>1-11-1975 | 51.0<br>31.0<br>30.6<br>24<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1966<br>18-1972<br>3-1950<br>64-1980<br>1-15-1974 | 52.0<br>31.0<br>30.4<br>24<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 80-1966<br>26-1950<br>4-1950<br>53-1991<br>77-1980   | Normal | Actual | Normal | Actual |
| 50.0<br>30.0<br>28.0<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 73-1991<br>24-1978<br>3-1917<br>46-1987<br>1-01-1955 | 48.0<br>30.0<br>29.0<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 75-1993<br>23-1977<br>0-1917<br>48-1993<br>1-12-1971 | 50.0<br>30.0<br>29.0<br>25<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 73-1929<br>23-1972<br>3-1919<br>54-1985<br>1-73-1960 | 50.0<br>30.0<br>29.0<br>25<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 76-1929<br>21-1994<br>4-1917<br>50-1991<br>49-1954   | 48.0<br>28.0<br>27.0<br>27<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 73-1924<br>20-1952<br>3-1982<br>44-1991<br>58-1991    | 47.0<br>27.0<br>27.0<br>28<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 80-1948<br>22-1958<br>4-1917<br>44-1975<br>2-33-1984 | 49.0<br>28.0<br>27.0<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 74-1993<br>25-1993<br>4-1958<br>64-1948<br>3-02-1971 | Normal | Actual | Normal | Actual |
| 48.0<br>28.0<br>27.0<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 77-1948<br>19-1951<br>1-1989<br>47-1957<br>54-1984   | 50.0<br>28.0<br>26.5<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1909<br>21-1989<br>3-1989<br>48-1977<br>85-1961   | 49.0<br>29.0<br>26.5<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 78-1908<br>23-1964<br>2-1932<br>46-1957<br>1-05-1990 | 50.0<br>29.0<br>26.5<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 72-1939<br>23-1981<br>4-1964<br>44-1978<br>55-1973   | 50.0<br>29.0<br>25<br>27<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 70-1967<br>9-1983<br>1-1924<br>55-1978<br>1-90-1987   | 49.0<br>28.0<br>27.0<br>27<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 75-1966<br>19-1983<br>3-1924<br>49-1967<br>1-44-1991 | 48.0<br>27.0<br>26.5<br>27<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 70-1979<br>17-1963<br>0-1989<br>44-1978<br>47-1949   | Normal | Actual | Normal | Actual |
| 50.0<br>29.0<br>25<br>25<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt     | 71-1982<br>7-1983<br>6-1989<br>55-1979<br>1-31-1956  | 50.0<br>30.0<br>25<br>25<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 73-1982<br>9-1983<br>8-1989<br>60-1982<br>71-1973    | 48.0<br>27.0<br>27<br>27<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 80-1955<br>5-1983<br>2-1983<br>54-1982<br>2-80-1965  | 48.0<br>27.0<br>26.5<br>28<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 73-1922<br>12-1983<br>2-1983<br>51-1971<br>1-29-1997 | 48.0<br>28.0<br>27<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 69-1971<br>23-1983<br>9-1914<br>54-1971<br>97-1987    | 48.0<br>29.0<br>29.0<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1940<br>29-1983<br>8-1925<br>47-1984<br>1-25-1954 | 47.0<br>29.0<br>29.0<br>27<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 74-1928<br>25-1983<br>0-1924<br>62-1984<br>30-1954   | Normal | Actual | Normal | Actual |
| 48.0<br>28.0<br>26<br>26<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt     | 71-1984<br>22-1983<br>3-1983<br>52-1992<br>88-1990   | 45.0<br>27.0<br>26.5<br>28<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 77-1951<br>16-1990<br>2-1983<br>58-1965<br>35-1974   | 46.0<br>26.0<br>26<br>29<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 78-1951<br>19-1976<br>0-1969<br>54-1965<br>3-27-1984 | 46.0<br>26.0<br>26<br>29<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 78-1951<br>19-1976<br>0-1969<br>54-1965<br>3-27-1984 | 46.0<br>26.0<br>26<br>29<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 78-1951<br>19-1976<br>0-1969<br>54-1965<br>3-27-1984  | 46.0<br>26.0<br>26<br>29<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 78-1951<br>19-1976<br>0-1969<br>54-1965<br>3-27-1984 | 46.0<br>26.0<br>26<br>29<br>0<br>Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt   | 78-1951<br>19-1976<br>0-1969<br>54-1965<br>3-27-1984 | Normal | Actual | Normal | Actual |

DECEMBER AVERAGES  
 TEMPERATURE : 39.6°F  
 PRECIPITATION : 1.98"  
 HEATING DEGREE DAYS : 781  
 COOLING DEGREE DAYS : 0

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