

# OKLAHOMA MONTHLY SUMMARY FEBRUARY 1996

## TABLE OF CONTENTS

|  |    |
|--|----|
| February 1996 Oklahoma Summary.....            | 2  |
| Table of February 1995/1996 Comparisons.....   | 5  |
| February 1996 Data Summary Tables.....         | 6  |
| February 1996 Mesonetwork Summary.....         | 11 |
| February 1996 State Map Summary.....           | 12 |
| April 1996 Wind Roses.....                     | 15 |
| April Climatological Normals.....              | 16 |
| 90-Day National Weather Service Outlook.....   | 17 |
| Explanation of Tables and Maps.....            | 18 |
| April 1996 Oklahoma City Climate Calendar..... | 20 |
| April 1996 Tulsa Climate Calendar.....         | 21 |

## MONTHLY SUMMARY FOR FEBRUARY 1996

According to preliminary data, February 1996 precipitation was the lowest recorded in Oklahoma for that month since record keeping began in 1892. The statewide average precipitation of 0.18 inches, 1.55 inches less than normal, erases the former record of 0.20 inches set in 1947. The dry weather extended to all parts of the state, broken only by an early month snow storm in the north and some scattered thunderstorms in the southeast late in the month. Temperatures ranged from some early-month readings in the minus-teens to highs in the middle 90s by the end of the month. The average temperature for the month of 43.9 degrees was 2.6 degrees above normal and ranks as the 39th warmest February on record.

February was the fourth month out the last five with significantly lower than normal precipitation. Combined with persistently strong winds, the lack of precipitation and high temperatures created a situation that endangered an already troubled wheat crop and was ripe for wild fires. As agriculturalists reported ever decreasing soil moisture supplies and declining prospects for wheat, a series of grass and forest fires began around mid-month that led the state to seek emergency fire fighting assistance from the federal government. A statewide burning ban was in effect for most of the month.

The February totals closed out a drier-than-normal winter with a near-normal average temperature. Winter precipitation, buoyed by a wetter-than-normal December, totaled just 3.03 inches, 1.67 inches less than normal and the 19th lowest winter months precipitation in the state's history. Although the winter average temperature of 39.9 degrees was 0.9 degree above normal, the season temperature rank was near the middle at 55th out of 104 winters on record.

The current dry spell began in most areas around the beginning of October 1995. From that time through the end of February, the statewide average precipitation totaled only 4.60 inches, an accumulated 5.54 inches less than normal, the fourth driest such period on record. The record dryness for those five months was set in 1917-18 when the average reporting station in the state averaged 3.52 inches. The January-February precipitation total of 1.09 inches leaves the state 1.90 inches below normal for the calendar year and ranks as the 9th driest first-two-months precipitation total.

A strong winter storm moved through the state at the very beginning of the month, dumping snow across much of the state. Over nine inches of snow were reported in parts of Dewey County. Watonga (Blaine County), Stillwater (Payne) and Jay (Delaware) each reported 8 inches. The snow reached into the extreme southeast where 2.5 inches were reported at Broken Bow Dam (McCurtain). The snow was followed by extremely cold air borne on strong winds that blew the snow off of many wheat fields, thereby depriving them of much-needed moisture. Temperatures plunged to well below zero in many areas of the state and were especially low in areas where the snow had been able to stay on the ground.

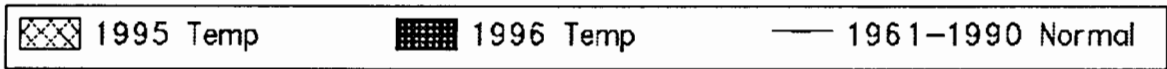
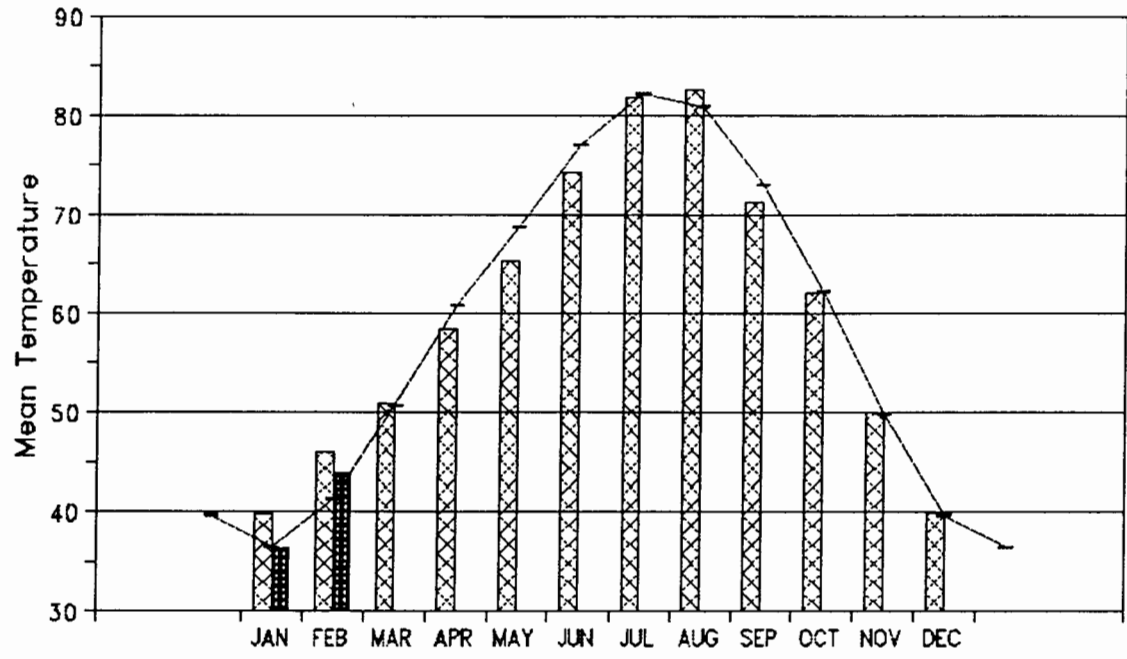
Although temperatures did not approach the state's all-time record low of -27 degrees, Vinita (Craig) reached -19 degrees on the 4th. Stillwater reported -18 the same day, setting an all-time record for that station, which extends back to 1900. Barnsdall (Osage) and Taloga (Dewey) each recorded temperatures of -17 degrees and Hammon (Roger Mills) and Claremore (Rogers) reported readings of -16 degrees. Five deaths were attributed to the cold including those of two young boys who apparently fell into the Arkansas River near Tulsa while playing on the ice.

Aside from widespread fog on the 6th, which led to a six-vehicle traffic accident near Marietta (Love), the dry, windy weather prevailed across the state until near the end of the month. Grass and forest fires ravaged many areas from 13th through the 18th and again from the 21st through 25th. Wind erosion became a major problem and the passage of a strong cold front on the 15th was accompanied by widespread blowing dust. A few thunderstorms popped up in extreme southeastern Oklahoma on the 18th but they offered little in the way of overall relief. Summer-like temperatures encroached upon the state from the 21st through the 26th. Marietta reported a February record high for the state on the 22nd when the daytime temperature reached 96 degrees. Perry (Noble) and Antlers (Pushmataha) each reported temperatures as high as 95 degrees during the period.

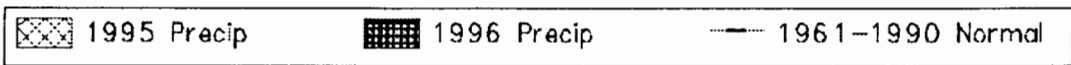
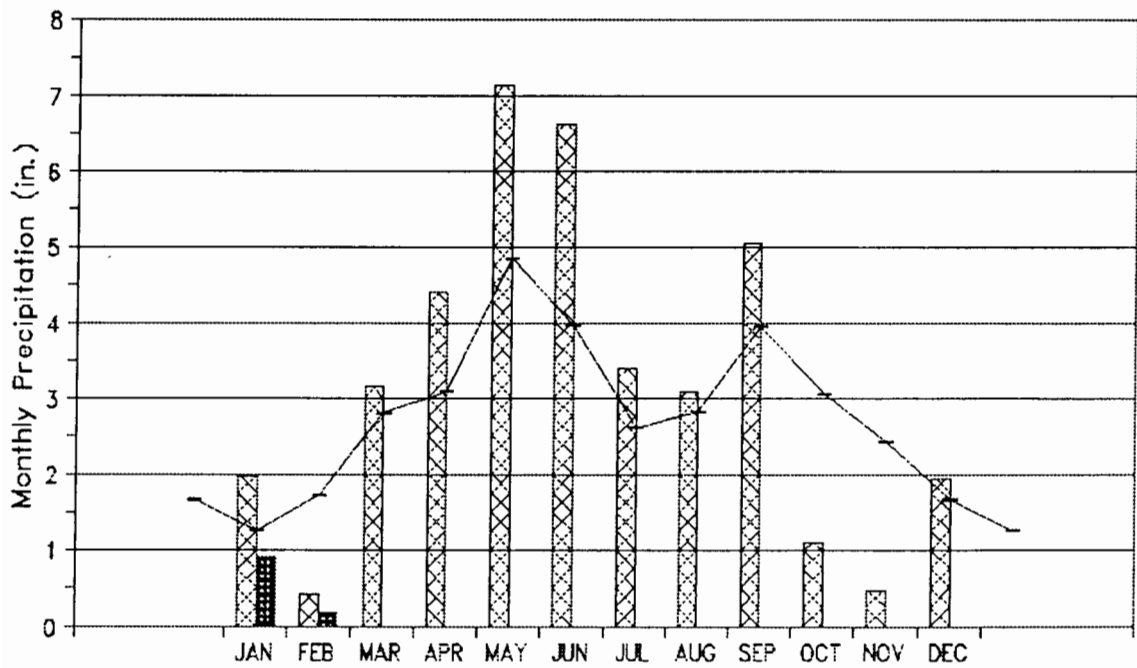
One to two inches of snow fell in the Panhandle on the 26th and some strong thunderstorms developed in advance of a cold front on the 26th and 27th. There were scattered reports of large hail in southeastern Oklahoma on the 27th. The advancing cold front brought winter back to the main body of the state as low temperatures in the low teens were prevalent in northwestern Oklahoma. Freedom (Woods) reported a low of 9 degrees on the 29th.

Howard L. Johnson

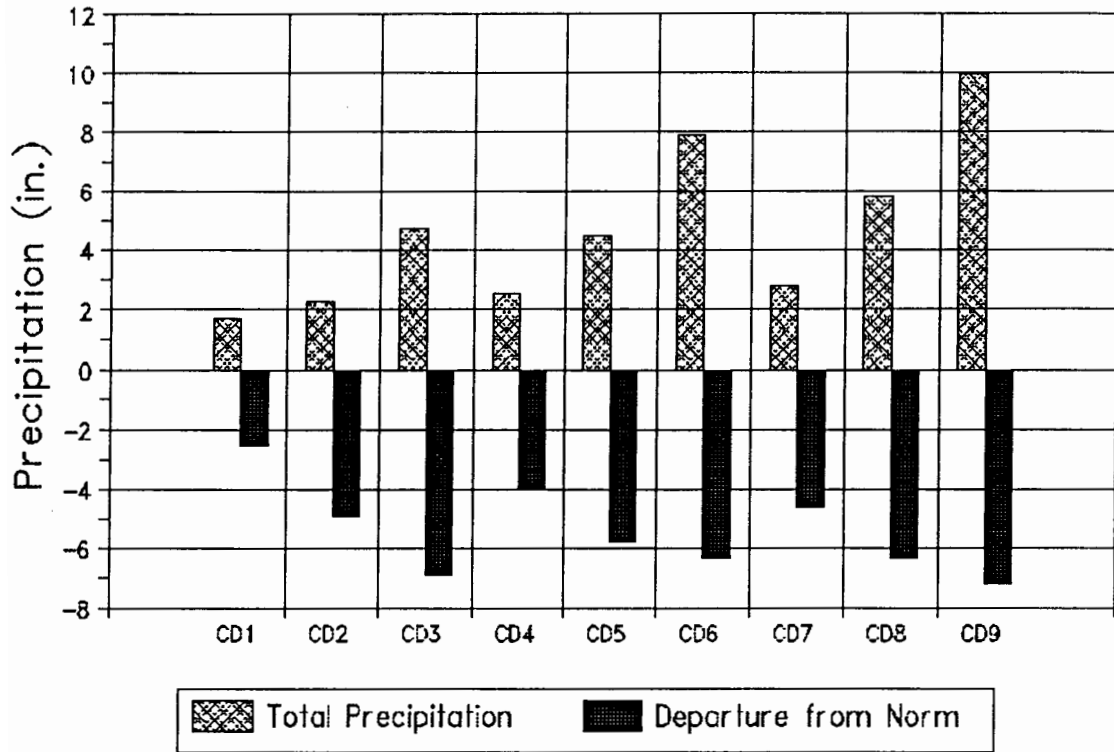
### 1995 and 1996 STATEWIDE TEMPERATURES Monthly Averages



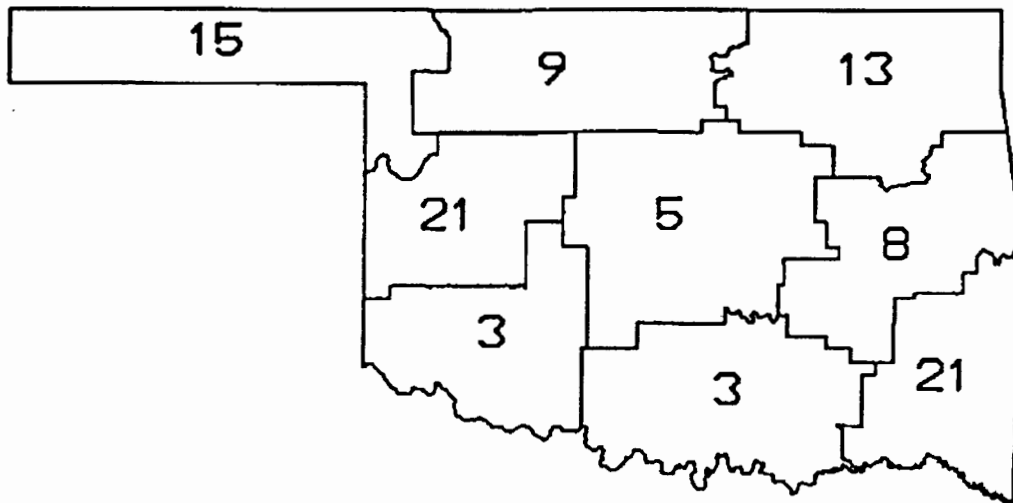
### 1995 and 1996 STATEWIDE PRECIPITATION Monthly Totals



### CD Averaged Precipitation October 1995 through March 1996



### CD PERCENT OF NORMAL PRECIPITATION



FEBRUARY 1996

EXTREME VALUES OF TEMPERATURE AND PRECIPITATION IN EACH CLIMATE DIVISION  
FEBRUARY 1996

| CD | MAX  |      |             | MIN  |      |            | 24-HOUR |      |            | MONTHLY |            |    |           |
|----|------|------|-------------|------|------|------------|---------|------|------------|---------|------------|----|-----------|
|    | TEMP | DATE | LOCATION    | TEMP | DATE | LOCATION   | PRECIP  | DATE | LOCATION   | PRECIP  | LOCATION   |    |           |
| 1  | 90   | 22   | BUFFALO     | -19  | 3    | KENTON     | .30     | 3    | FARGO      | .40     | FARGO      |    |           |
|    |      |      |             | -19  | 4    | KENTON     |         |      |            |         |            |    |           |
| 2  | 95   | 23   | PERRY       | -15  | 4    | FREEDOM    | .20     | 27   | MEDFORD    | .27     | MEDFORD    |    |           |
| 3  | 92   | 23   | BIXBY       | -19  | 4    | VINITA     | .40     | 2    | JAY TOWER  | .72     | JAY TOWER  |    |           |
|    |      |      |             |      |      |            |         |      |            |         |            | 22 | MANNFORD  |
|    |      |      |             |      |      |            |         |      |            |         |            | 22 | RALSTON   |
| 4  | 93   | 22   | ERICK       | -17  | 4    | TALOGA     | .90     | 1    | MACKIE     | .90     | MACKIE     |    |           |
| 5  | 93   | 22   | GUTHRIE     | -18  | 4    | STILLWATER | .50     | 1    | OILTON     | .50     | OILTON     |    |           |
|    |      |      |             |      |      |            |         |      |            |         |            | 22 | OKEMAH    |
| 6  | 93   | 22   | HOLDENVILLE | -11  | 4    | TAHLEQUAH  | 1.17    | 1    | TAHLEQUAH  | 1.27    | TAHLEQUAH  |    |           |
|    |      |      |             |      |      |            |         |      |            |         |            | 22 | MCCURTAIN |
| 7  | 94   | 22   | MANGUM      | -4   | 4    | CARNEGIE   | .42     | 26   | WILLOW     | .53     | WILLOW     |    |           |
|    |      |      |             | -4   | 3    | WICHITA MT |         |      |            |         |            |    |           |
| 8  | 96   | 22   | MARIETTA    | -3   | 4    | MARLOW     | .55     | 27   | CENTRAHOMA | .55     | CENTRAHOMA |    |           |
| 9  | 92   | 21   | BOSWELL     | -2   | 5    | POTEAU     | 1.03    | 27   | BROKEN BOW | 1.22    | BROKEN BOW |    |           |
|    |      |      |             |      |      |            |         |      |            |         |            | 22 | POTEAU    |
|    |      |      |             |      |      |            |         |      |            |         |            | 22 | POTEAU    |
|    |      |      |             | -2   | 4    | WILBURTON  |         |      |            |         |            |    |           |

TABLE OF 1995/1996 COMPARISONS

| Station       | FEBRUARY<br>Temperature (°F) |      | FEBRUARY<br>Precipitation (in.) |      |
|---------------|------------------------------|------|---------------------------------|------|
|               | 1995                         | 1996 | 1995                            | 1996 |
| Arnett        | 41.9                         | 39.3 | 0.03                            | 0.07 |
| Mutual        | 42.8                         | 39.0 | 0.12                            | 0.09 |
| Tulsa         | 44.6                         | 46.1 | 0.57                            | 0.09 |
| Elk City      | 48.0                         | 44.9 | 0.05                            | 0.07 |
| Oklahoma City | 44.9                         | 44.2 | 0.04                            | 0.02 |
| McAlester     | 47.4                         | 49.6 | 0.09                            | 0.27 |
| Altus Irr Sta | 48.5                         | 47.6 | 0.13                            | 0.03 |
| Ada           | ****                         | 47.0 | ****                            | 0.03 |
| Hugo          | 49.6                         | 50.9 | 0.57                            | 0.34 |

| Variable                         | EXTREMES  |          |             |      |
|----------------------------------|-----------|----------|-------------|------|
|                                  | Station   | Division | Observation | Date |
| Minimum temperature (°F)         | Kenton    | 1        | -19         | 3    |
|                                  | Kenton    | 1        | -19         | 4    |
|                                  | Vinita    | 3        | -19         | 4    |
| Maximum temperature (°F)         | Marietta  | 8        | 96          | 22   |
| Maximum 24-hour<br>precipitation | Tahlequah | 6        | 1.17"       | 1    |

**FEBRUARY 1996 SUMMARY FOR NORTHWEST DIVISION (CD1)**

| NAME            | ID   | CD | DEV   |     |       |      | MIN |      |     | HEAT  |       | DEV   |       | COOL |      | DEV   |     | TOT | NUM | FROM | MAX | 24-HR | DAY |
|-----------------|------|----|-------|-----|-------|------|-----|------|-----|-------|-------|-------|-------|------|------|-------|-----|-----|-----|------|-----|-------|-----|
|                 |      |    | MEAN  | NUM | FROM  | MAX  | DAY | TEMP | DAY | DEG   | FROM  | DEG   | FROM  | DEG  | FROM | PPT   | OBS |     |     |      |     |       |     |
| ARNETT          | 332  | 1  | 39.3  | 29  | 2.2   | 87.  | 23  | -6.  | 4   | 744.0 | -37.0 | .0    | .0    | .071 | 29   | -.94  | .05 | 2   |     |      |     |       |     |
| BEAVER          | 593  | 1  | 37.3  | 29  | 1.3   | 79.  | 22  | -11. | 4   | 804.0 | -8.0  | .0    | .0    | .110 | 29   | -.67  | .11 | 3   |     |      |     |       |     |
| BOISE CITY 2 E  | 908  | 1  | 40.6  | 29  | 2.6   | 78.  | 21  | -15. | 3   | 707.5 | -48.5 | .0    | .0    | .193 | 29   | -.30  | .12 | 2   |     |      |     |       |     |
| BUFFALO         | 1243 | 1  | 42.8  | 29  | 2.8   | 90.  | 22  | -8.  | 4   | 643.5 | -56.5 | .0    | .0    | .000 | 29   | -1.04 | .00 | 29  |     |      |     |       |     |
| FARGO           | 3070 | 1  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | ***** | ***** | ***** | .401 | 29   | -.58  | .30 | 3   |     |      |     |       |     |
| GAGE FAA APT    | 3407 | 1  | 40.0  | 29  | 1.1   | 89.  | 22  | -10. | 4   | 725.0 | -6.0  | .0    | .0    | .022 | 29   | -.82  | .01 | 3   |     |      |     |       |     |
| GATE            | 3489 | 1  | 39.6  | 29  | 2.2   | 89.  | 23  | -8.  | 4   | 737.0 | -36.0 | .0    | .0    | .100 | 29   | -.74  | .08 | 3   |     |      |     |       |     |
| GOODWELL RES ST | 3628 | 1  | 39.9  | 29  | 3.8   | 81.  | 23  | -11. | 4   | 728.0 | -81.0 | .0    | .0    | .002 | 29   | -.42  | .00 | 3   |     |      |     |       |     |
| GUYMON          | 3835 | 1  | 40.1  | 29  | ***** | 81.  | 22  | -12. | 4   | 721.0 | ***** | .0    | ***** | .032 | 27   | ***** | .03 | 18  |     |      |     |       |     |
| HOOKER          | 4298 | 1  | 38.3  | 29  | .6    | 81.  | 23  | -14. | 3   | 774.0 | 10.0  | .0    | .0    | .132 | 29   | -.46  | .13 | 3   |     |      |     |       |     |
| KENTON          | 4766 | 1  | 39.8  | 29  | 3.8   | 77.  | 9   | -19. | 4   | 730.5 | -81.5 | .0    | .0    | .161 | 29   | -.19  | .08 | 26  |     |      |     |       |     |
| LAVERNE         | 5045 | 1  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | ***** | ***** | ***** | .092 | 29   | -.88  | .08 | 3   |     |      |     |       |     |
| RANGE           | 7412 | 1  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | ***** | ***** | ***** | .003 | 29   | ***** | .00 | 19  |     |      |     |       |     |
| REGNIER         | 7534 | 1  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | ***** | ***** | ***** | .222 | 29   | -.10  | .08 | 28  |     |      |     |       |     |
| TURPIN 4 SSE    | 9017 | 1  | 36.1  | 27  | ***** | 81.  | 23  | -12. | 3   | 780.5 | ***** | .0    | ***** | .090 | 27   | ***** | .07 | 3   |     |      |     |       |     |

**FEBRUARY 1996 SUMMARY FOR NORTH CENTRAL DIVISION (CD2)**

| NAME            | ID   | CD | DEV   |     |       |      | MIN |      |     | HEAT  |        | DEV   |       | COOL |      | DEV   |     | TOT | NUM | FROM | MAX | 24-HR | DAY |
|-----------------|------|----|-------|-----|-------|------|-----|------|-----|-------|--------|-------|-------|------|------|-------|-----|-----|-----|------|-----|-------|-----|
|                 |      |    | MEAN  | NUM | FROM  | MAX  | DAY | TEMP | DAY | DEG   | FROM   | DEG   | FROM  | DEG  | FROM | PPT   | OBS |     |     |      |     |       |     |
| ALVA            | 193  | 2  | 42.4  | 29  | ***** | 93.  | 22  | -6.  | 4   | 656.0 | *****  | .5    | ***** | .050 | 29   | ***** | .05 | 4   |     |      |     |       |     |
| BILLINGS        | 755  | 2  | 38.0  | 29  | .2    | 90.  | 23  | -12. | 4   | 784.0 | 22.0   | .5    | .5    | .221 | 29   | -1.17 | .14 | 2   |     |      |     |       |     |
| BLACKWELL 2E    | 818  | 2  | 43.6  | 29  | 5.4   | 92.  | 22  | 2.   | 3   | 626.0 | -124.0 | 4.5   | 4.5   | .062 | 29   | -1.01 | .06 | 2   |     |      |     |       |     |
| BRAMAN          | 1075 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .003 | 29   | ***** | .00 | 27  |     |      |     |       |     |
| CEDARDALE       | 1620 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .051 | 29   | ***** | .05 | 2   |     |      |     |       |     |
| CHEROKEE        | 1724 | 2  | 41.2  | 29  | 1.5   | 91.  | 22  | -7.  | 4   | 694.0 | -14.0  | 3.0   | 3.0   | .000 | 29   | -1.15 | .00 | 29  |     |      |     |       |     |
| ENID            | 2912 | 2  | 42.5  | 29  | 2.4   | 90.  | 22  | -6.  | 4   | 658.0 | -39.0  | 5.5   | 5.5   | .150 | 29   | -1.26 | .11 | 2   |     |      |     |       |     |
| FT SUPPLY DAM   | 3304 | 2  | 39.0  | 29  | 1.9   | 88.  | 23  | -9.  | 5   | 754.0 | -27.0  | .0    | .0    | .001 | 29   | -.96  | .00 | 2   |     |      |     |       |     |
| FREEDOM         | 3358 | 2  | 37.2  | 29  | -2.1  | 92.  | 23  | -15. | 4   | 807.5 | 87.5   | .0    | .0    | .040 | 29   | -.84  | .02 | 4   |     |      |     |       |     |
| GREAT SALT PLNS | 3740 | 2  | 40.3  | 20  | ***** | 93.  | 23  | -6.  | 5   | 497.0 | *****  | 2.0   | ***** | .030 | 20   | ***** | .03 | 2   |     |      |     |       |     |
| HARDY           | 3909 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .070 | 29   | ***** | .06 | 26  |     |      |     |       |     |
| HELENA 1 SSE    | 4019 | 2  | 38.7  | 29  | 2.0   | 90.  | 23  | -9.  | 4   | 762.0 | -30.0  | .0    | .0    | .191 | 29   | -.96  | .13 | 2   |     |      |     |       |     |
| JEFFERSON       | 4573 | 2  | 40.9  | 29  | 1.7   | 92.  | 22  | -11. | 4   | 698.5 | -23.5  | .5    | .5    | .141 | 29   | -1.03 | .09 | 26  |     |      |     |       |     |
| LAMONT          | 5013 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .162 | 29   | ***** | .10 | 27  |     |      |     |       |     |
| MEDFORD         | 5768 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .270 | 29   | ***** | .20 | 27  |     |      |     |       |     |
| MORRISON        | 6065 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .141 | 29   | ***** | .14 | 2   |     |      |     |       |     |
| MUTUAL          | 6139 | 2  | 39.0  | 29  | 1.6   | 91.  | 23  | -11. | 4   | 755.0 | -18.0  | 1.0   | 1.0   | .090 | 29   | -.98  | .07 | 2   |     |      |     |       |     |
| NEWKIRK         | 6278 | 2  | 41.7  | 29  | 3.2   | 90.  | 22  | -6.  | 4   | 682.0 | -60.0  | 5.5   | 5.5   | .032 | 29   | -1.14 | .03 | 2   |     |      |     |       |     |
| ORIENTA         | 6751 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .000 | 29   | -1.03 | .00 | 29  |     |      |     |       |     |
| PERRY           | 7012 | 2  | 44.6  | 29  | 3.8   | 95.  | 23  | -12. | 4   | 606.0 | -72.0  | 13.5  | 13.5  | .200 | 29   | -1.36 | .17 | 2   |     |      |     |       |     |
| PONCA CITY FAA  | 7201 | 2  | 43.2  | 28  | 5.6   | 92.  | 22  | -5.  | 4   | 616.5 | -150.5 | 6.5   | 6.5   | .091 | 29   | -1.24 | .04 | 2   |     |      |     |       |     |
| RED ROCK 1 NNE  | 7505 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .201 | 29   | -1.18 | .15 | 2   |     |      |     |       |     |
| WAYNOKA         | 9404 | 2  | 41.6  | 29  | 1.6   | 85.  | 23  | -11. | 4   | 683.0 | -17.0  | 3.0   | 3.0   | .080 | 29   | -1.00 | .08 | 3   |     |      |     |       |     |
| WOODWARD        | 9760 | 2  | ***** | 0   | ***** | **** | 0   | **** | 0   | ***** | *****  | ***** | ***** | .021 | 29   | -1.01 | .02 | 2   |     |      |     |       |     |

**FEBRUARY 1996 SUMMARY FOR NORTHEAST DIVISION (CD3)**

| NAME            | ID   | CD | DEV   |     |       |      |     |      | HEAT |       |        |       | DEV   |      |     |       | TOT | NUM | DEV | MAX | 24-HR | DAY |
|-----------------|------|----|-------|-----|-------|------|-----|------|------|-------|--------|-------|-------|------|-----|-------|-----|-----|-----|-----|-------|-----|
|                 |      |    | MEAN  | NUM | FROM  | MAX  | MIN | DAY  | DEG  | FROM  | DEG    | FROM  | DEG   | FROM | DEG | FROM  |     |     |     |     |       |     |
| BARNSDALL       | 535  | 3  | 41.1  | 29  | 1.1   | 90.  | 22  | -17. | 4    | 701.5 | 1.5    | 7.5   | 7.5   | .191 | 29  | -1.66 | .11 | 1   |     |     |       |     |
| BARTLESVILLE 2W | 548  | 3  | 41.4  | 29  | 1.4   | 91.  | 22  | -15. | 4    | 689.5 | -10.5  | 4.5   | 4.5   | .290 | 29  | -1.29 | .17 | 1   |     |     |       |     |
| BIXBY           | 782  | 3  | 40.6  | 29  | 1.7   | 92.  | 23  | -10. | 4    | 707.5 | -23.5  | 1.0   | 1.0   | .000 | 29  | -1.83 | .00 | 29  |     |     |       |     |
| BURBANK         | 1256 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .172 | 29  | -1.23 | .17 | 1   |     |     |       |     |
| CHELSEA 4 S     | 1717 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .120 | 29  | ***** | .12 | 2   |     |     |       |     |
| CLAREMORE       | 1828 | 3  | 38.5  | 29  | .3    | 90.  | 23  | -16. | 5    | 769.5 | 19.5   | .0    | .0    | .400 | 29  | -1.60 | .37 | 2   |     |     |       |     |
| CLEVELAND 5 WSW | 1902 | 3  | 44.3  | 29  | ***** | 91.  | 22  | -8.  | 4    | 615.5 | *****  | 14.5  | ***** | .252 | 29  | ***** | .23 | 2   |     |     |       |     |
| FORAKER         | 3250 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .090 | 29  | -1.24 | .06 | 3   |     |     |       |     |
| HOLLOW          | 4258 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .083 | 29  | -1.70 | .08 | 1   |     |     |       |     |
| HOMINY          | 4289 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .161 | 29  | -1.50 | .16 | 2   |     |     |       |     |
| HULAH DAM       | 4393 | 3  | 41.0  | 17  | ***** | 90.  | 23  | -15. | 5    | 407.5 | *****  | .0    | ***** | .000 | 17  | ***** | .00 | 29  |     |     |       |     |
| JAY TOWER       | 4567 | 3  | 41.0  | 29  | ***** | 89.  | 23  | -12. | 4    | 702.0 | *****  | 5.5   | ***** | .720 | 29  | ***** | .40 | 2   |     |     |       |     |
| KANSAS 1 ESE    | 4672 | 3  | 49.8  | 23  | ***** | 88.  | 22  | 14.  | 16   | 356.0 | *****  | 7.0   | ***** | .001 | 25  | ***** | .00 | 27  |     |     |       |     |
| KEYSTONE DAM    | 4812 | 3  | 40.3  | 27  | ***** | 91.  | 23  | -10. | 4    | 669.0 | *****  | 1.0   | ***** | .241 | 28  | ***** | .23 | 2   |     |     |       |     |
| LENAPAH         | 5118 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .200 | 29  | ***** | .10 | 27  |     |     |       |     |
| MANNFORD 6 NW   | 5522 | 3  | 44.5  | 29  | 3.6   | 92.  | 22  | -14. | 4    | 609.0 | -66.0  | 13.5  | 13.5  | .300 | 29  | -1.65 | .30 | 2   |     |     |       |     |
| MARAMEC         | 5540 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .280 | 29  | -1.28 | .28 | 2   |     |     |       |     |
| MIAMI           | 5855 | 3  | 40.7  | 29  | 3.0   | 88.  | 23  | -12. | 4    | 707.0 | -57.0  | 3.5   | 3.5   | .220 | 29  | -1.81 | .12 | 1   |     |     |       |     |
| NOWATA          | 6485 | 3  | 42.0  | 28  | 2.5   | 87.  | 23  | -9.  | 4    | 644.0 | -70.0  | 1.0   | 1.0   | .380 | 29  | -1.49 | .26 | 1   |     |     |       |     |
| OLOGAH DAM      | 6729 | 3  | 40.5  | 20  | ***** | 91.  | 23  | -15. | 5    | 490.0 | *****  | .5    | ***** | .151 | 20  | ***** | .15 | 2   |     |     |       |     |
| PAWHUSKA        | 6935 | 3  | 41.4  | 29  | 1.9   | 90.  | 22  | -15. | 4    | 691.5 | -22.5  | 8.0   | 8.0   | .230 | 29  | -1.57 | .14 | 1   |     |     |       |     |
| PAWNEE          | 6940 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .171 | 29  | -1.52 | .17 | 2   |     |     |       |     |
| PRYOR 6 N       | 7309 | 3  | 38.6  | 26  | ***** | 88.  | 23  | -14. | 5    | 686.5 | *****  | .5    | ***** | .362 | 29  | -1.68 | .34 | 2   |     |     |       |     |
| RALSTON         | 7390 | 3  | 41.8  | 29  | 1.8   | 92.  | 22  | -15. | 4    | 679.0 | -21.0  | 6.0   | 6.0   | .212 | 29  | -1.42 | .15 | 2   |     |     |       |     |
| SKIATOOK        | 8258 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .241 | 29  | -1.56 | .20 | 2   |     |     |       |     |
| SPAVINAW        | 8380 | 3  | 44.3  | 29  | 3.0   | 85.  | 23  | -10. | 4    | 612.0 | -52.0  | 11.5  | 11.5  | .401 | 29  | -1.54 | .28 | 2   |     |     |       |     |
| TULSA WSO APT   | 8992 | 3  | 46.1  | 29  | 5.8   | 90.  | 23  | -11. | 4    | 564.5 | -127.5 | 15.5  | 15.5  | .093 | 29  | -1.88 | .08 | 2   |     |     |       |     |
| UPPER SPAVINAW  | 9101 | 3  | 42.2  | 28  | ***** | 87.  | 22  | -14. | 4    | 642.5 | *****  | 4.5   | ***** | .243 | 29  | ***** | .19 | 2   |     |     |       |     |
| VINITA 2 N      | 9203 | 3  | 41.7  | 27  | ***** | 86.  | 22  | -19. | 4    | 638.5 | *****  | 8.5   | ***** | .220 | 28  | ***** | .11 | 1   |     |     |       |     |
| WAGONER         | 9247 | 3  | 44.0  | 29  | 2.2   | 87.  | 22  | -8.  | 4    | 619.0 | -31.0  | 9.5   | 9.5   | .350 | 29  | -1.72 | .35 | 2   |     |     |       |     |
| WANN            | 9298 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .111 | 29  | ***** | .11 | 1   |     |     |       |     |
| WYNONA          | 9792 | 3  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .260 | 29  | ***** | .13 | 2   |     |     |       |     |

**FEBRUARY 1996 SUMMARY FOR WEST CENTRAL DIVISION (CD4)**

| NAME           | ID   | CD | DEV   |     |       |      |     |      | HEAT |       |        |       | DEV   |      |     |       | TOT | NUM | DEV | MAX | 24-HR | DAY |
|----------------|------|----|-------|-----|-------|------|-----|------|------|-------|--------|-------|-------|------|-----|-------|-----|-----|-----|-----|-------|-----|
|                |      |    | MEAN  | NUM | FROM  | MAX  | MIN | DAY  | DEG  | FROM  | DEG    | FROM  | DEG   | FROM | DEG | FROM  |     |     |     |     |       |     |
| CANTON DAM     | 1445 | 4  | 38.7  | 29  | .3    | 90.  | 23  | -16. | 4    | 766.0 | 21.0   | 3.0   | 3.0   | .152 | 29  | -.90  | .15 | 2   |     |     |       |     |
| CLINTON        | 1909 | 4  | 43.3  | 29  | 1.8   | 89.  | 22  | -7.  | 4    | 629.5 | -28.5  | 1.5   | 1.5   | .152 | 29  | -1.04 | .07 | 2   |     |     |       |     |
| COLONY         | 2039 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .431 | 29  | ***** | .43 | 26  |     |     |       |     |
| CORDELL        | 2125 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .451 | 29  | -.75  | .40 | 26  |     |     |       |     |
| ELK CITY 1 E   | 2849 | 4  | 44.9  | 29  | 3.8   | 90.  | 22  | -4.  | 4    | 591.5 | -77.5  | 7.5   | 7.5   | .071 | 29  | -1.13 | .07 | 2   |     |     |       |     |
| ERICK 4 E      | 2944 | 4  | 44.7  | 29  | 3.2   | 93.  | 22  | -4.  | 3    | 593.5 | -64.5  | 3.5   | 3.5   | .070 | 29  | -.90  | .06 | 2   |     |     |       |     |
| GEARY          | 3497 | 4  | 44.6  | 28  | 4.2   | 90.  | 22  | 3.   | 4    | 579.5 | -109.5 | 8.5   | 8.5   | .140 | 28  | ***** | .10 | 2   |     |     |       |     |
| HAMMON 3 SSW   | 3871 | 4  | 40.6  | 29  | 1.8   | 91.  | 23  | -16. | 4    | 714.0 | -20.0  | 7.0   | 7.0   | .210 | 29  | -.84  | .21 | 2   |     |     |       |     |
| LEEDEY         | 5090 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .300 | 29  | -.72  | .30 | 3   |     |     |       |     |
| MACKIE 4 NNW   | 5463 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .900 | 31  | ***** | .90 | 1   |     |     |       |     |
| MORAVIA 2 NNE  | 6035 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .180 | 29  | -.98  | .13 | 26  |     |     |       |     |
| OKEENE         | 6629 | 4  | 41.0  | 29  | -.2   | 91.  | 22  | -13. | 4    | 696.5 | 30.5   | .0    | .0    | .080 | 29  | -1.13 | .05 | 1   |     |     |       |     |
| RETROP         | 7565 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .330 | 29  | ***** | .32 | 26  |     |     |       |     |
| REYDON         | 7579 | 4  | 43.0  | 29  | 2.8   | 86.  | 22  | -3.  | 4    | 640.5 | -53.5  | 3.0   | 3.0   | .450 | 29  | -.53  | .29 | 2   |     |     |       |     |
| SAYRE          | 7952 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .012 | 29  | -.81  | .01 | 2   |     |     |       |     |
| SWEETWATER 2 E | 8652 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .001 | 28  | ***** | .00 | 2   |     |     |       |     |
| TALOGA         | 8708 | 4  | 40.5  | 29  | .7    | 91.  | 22  | -17. | 4    | 711.5 | 5.5    | .0    | .0    | .122 | 29  | -.97  | .12 | 2   |     |     |       |     |
| THOMAS         | 8815 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .350 | 29  | ***** | .35 | 2   |     |     |       |     |
| VICI           | 9172 | 4  | ***** | 0   | ***** | **** | 0   | **** | 0    | ***** | *****  | ***** | ***** | .001 | 29  | -1.20 | .00 | 26  |     |     |       |     |
| WATONGA        | 9364 | 4  | 42.7  | 29  | 2.4   | 91.  | 22  | -15. | 4    | 648.5 | -43.5  | 1.5   | 1.5   | .522 | 29  | -.74  | .50 | 2   |     |     |       |     |
| WEATHERFORD    | 9422 | 4  | 42.6  | 28  | 3.7   | 89.  | 22  | -5.  | 5    | 635.0 | -96.0  | 7.0   | 7.0   | .200 | 28  | ***** | .20 | 25  |     |     |       |     |

FEBRUARY 1996 SUMMARY FOR CENTRAL DIVISION (CD5)

| NAME            | ID   | CD | DEV   |     |       |       |      | MIN  |      | HEAT  |        | DEV   |       | COOL |     | DEV   |     | TOT | NUM | DEV  |      |
|-----------------|------|----|-------|-----|-------|-------|------|------|------|-------|--------|-------|-------|------|-----|-------|-----|-----|-----|------|------|
|                 |      |    | MEAN  | NUM | FROM  | MAX   | TEMP | DAY  | TEMP | DAY   | DEG    | FROM  | DEG   | FROM | DEG | FROM  | DEG |     |     | FROM | NORM |
| AMBER           | 200  | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | ***** | .00 | 29  |     |      |      |
| ARCADIA         | 288  | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .020 | 29  | ***** | .02 | 1   |     |      |      |
| TINKER AFB      | 325  | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .005 | 29  | ***** | .00 | 27  |     |      |      |
| BLANCHARD 2 SSW | 830  | 5  | 47.2  | 29  | 4.2   | 91.   | 22   | -2.  | 4    | 529.0 | -87.0  | 11.5  | 11.5  | .005 | 29  | -1.75 | .00 | 26  |     |      |      |
| BRISTOW         | 1144 | 5  | 45.3  | 29  | 3.3   | 92.   | 22   | -12. | 4    | 585.0 | -59.0  | 14.0  | 14.0  | .220 | 29  | -1.71 | .21 | 2   |     |      |      |
| CHANDLER        | 1684 | 5  | 46.3  | 29  | 4.3   | 92.   | 22   | -7.  | 4    | 551.5 | -92.5  | 9.5   | 9.5   | .000 | 29  | -1.85 | .00 | 29  |     |      |      |
| CHICKASHA EX ST | 1750 | 5  | 45.4  | 29  | 2.8   | 90.   | 22   | -3.  | 4    | 574.0 | -53.0  | 6.5   | 6.5   | .010 | 29  | -1.58 | .01 | 2   |     |      |      |
| COX CITY 1 E    | 2196 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .010 | 29  | ***** | .01 | 2   |     |      |      |
| CRESCENT        | 2242 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .390 | 31  | ***** | .39 | 2   |     |      |      |
| CUSHING         | 2318 | 5  | 41.2  | 28  | 2.1   | 91.   | 23   | -6.  | 4    | 670.5 | -54.5  | 3.0   | 3.0   | .301 | 28  | ***** | .30 | 2   |     |      |      |
| EDMOND          | 2788 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .210 | 29  | ***** | .20 | 1   |     |      |      |
| EL RENO 1 N     | 2818 | 5  | 45.7  | 29  | 4.9   | 90.   | 22   | -5.  | 4    | 568.0 | -110.0 | 9.0   | 9.0   | .100 | 29  | -1.20 | .10 | 2   |     |      |      |
| GUTHRIE         | 3821 | 5  | 44.4  | 29  | 2.7   | 93.   | 22   | -14. | 4    | 597.0 | -55.0  | 1.0   | 1.0   | .060 | 29  | -1.60 | .06 | 1   |     |      |      |
| HENNESSEY 4 ESE | 4055 | 5  | 41.2  | 29  | 1.0   | 88.   | 22   | -12. | 4    | 691.5 | -2.5   | .0    | .0    | .261 | 29  | -.97  | .26 | 2   |     |      |      |
| INGALLS         | 4489 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .220 | 29  | ***** | .22 | 2   |     |      |      |
| KINGFISHER 2 SE | 4861 | 5  | 41.1  | 28  | .0    | 81.   | 14   | -15. | 4    | 670.5 | 1.5    | .0    | .0    | .340 | 29  | -1.05 | .32 | 2   |     |      |      |
| KONAWA          | 4915 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | -2.08 | .00 | 29  |     |      |      |
| MARSHALL        | 5589 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .120 | 29  | -1.15 | .12 | 2   |     |      |      |
| MEEKER 4 W      | 5779 | 5  | 44.7  | 28  | 2.8   | 91.   | 22   | -4.  | 4    | 575.0 | -72.0  | 5.5   | 5.5   | .001 | 28  | ***** | .00 | 6   |     |      |      |
| MULHALL         | 6110 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .390 | 29  | ***** | .35 | 3   |     |      |      |
| NORMAN NWS      | 6386 | 5  | 44.3  | 29  | 1.5   | 91.   | 22   | 0.   | 4    | 607.0 | -15.0  | 6.5   | 6.5   | .011 | 29  | -1.71 | .01 | 27  |     |      |      |
| OILTON 2 SE     | 6616 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .502 | 29  | ***** | .50 | 1   |     |      |      |
| OKMAH           | 6638 | 5  | 48.9  | 29  | 6.4   | 93.   | 22   | 3.   | 4    | 489.0 | -141.0 | 22.0  | 22.0  | .080 | 29  | -1.83 | .05 | 2   |     |      |      |
| OKLAHOMA CTY WS | 6661 | 5  | 44.2  | 29  | 3.3   | 92.   | 22   | -3.  | 4    | 609.5 | -65.5  | 6.5   | 6.5   | .022 | 29  | -1.54 | .01 | 2   |     |      |      |
| PERKINS         | 7003 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | -1.67 | .00 | 29  |     |      |      |
| PRAGUE          | 7264 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .040 | 29  | -1.90 | .04 | 1   |     |      |      |
| PURCELL 5 SW    | 7327 | 5  | 45.7  | 29  | 3.0   | 90.   | 22   | -4.  | 4    | 561.5 | -62.5  | 1.5   | 1.5   | .002 | 29  | -1.97 | .00 | 4   |     |      |      |
| SEMINOLE        | 8042 | 5  | 46.7  | 29  | 2.6   | 90.   | 22   | 0.   | 4    | 542.0 | -43.0  | 12.0  | 12.0  | .001 | 29  | -2.01 | .00 | 28  |     |      |      |
| SHAWNEE         | 8110 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .011 | 29  | -2.00 | .01 | 2   |     |      |      |
| STELLA          | 8479 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .020 | 29  | ***** | .01 | 2   |     |      |      |
| STILLWATER 2 W  | 8501 | 5  | 40.7  | 29  | 2.1   | 92.   | 23   | -18. | 4    | 708.0 | -31.0  | 4.5   | 4.5   | .321 | 29  | -1.21 | .32 | 2   |     |      |      |
| STROUD 1 N      | 8563 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .143 | 29  | ***** | .13 | 2   |     |      |      |
| TECUMSEH        | 8751 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | ***** | .00 | 29  |     |      |      |
| TROUSDALE 6S    | 8960 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | ***** | .00 | 29  |     |      |      |
| UNION CITY 1 SE | 9086 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .003 | 29  | -1.58 | .00 | 7   |     |      |      |
| WELTY 1 SSE     | 9479 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .060 | 29  | ***** | .06 | 2   |     |      |      |
| WEWOKA          | 9575 | 5  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .010 | 29  | -2.18 | .01 | 2   |     |      |      |

FEBRUARY 1996 SUMMARY FOR EAST CENTRAL DIVISION (CD6)

| NAME           | ID   | CD | DEV   |     |       |       |      | MIN  |      | HEAT  |        | DEV   |       | COOL  |     | DEV   |      | TOT | NUM | DEV  |      |
|----------------|------|----|-------|-----|-------|-------|------|------|------|-------|--------|-------|-------|-------|-----|-------|------|-----|-----|------|------|
|                |      |    | MEAN  | NUM | FROM  | MAX   | TEMP | DAY  | TEMP | DAY   | DEG    | FROM  | DEG   | FROM  | DEG | FROM  | DEG  |     |     | FROM | NORM |
| ASHLAND        | 364  | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .634  | 29  | ***** | .57  | 27  |     |      |      |
| BEGGS          | 631  | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000  | 29  | ***** | .00  | 29  |     |      |      |
| BOYNTON        | 1027 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .203  | 29  | ***** | .10  | 28  |     |      |      |
| CALVIN         | 1391 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000  | 31  | -2.12 | .00  | 31  |     |      |      |
| CHECOTAH       | 1711 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .094  | 29  | -2.10 | .06  | 26  |     |      |      |
| CLAYTON 14 WNW | 1858 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .440  | 29  | ***** | .33  | 28  |     |      |      |
| DEWAR 2 NE     | 2485 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .103  | 29  | -2.13 | .05  | 2   |     |      |      |
| DUSTIN         | 2690 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .001  | 29  | ***** | .00  | 2   |     |      |      |
| EUFULA         | 2993 | 6  | 45.4  | 29  | 1.8   | 90.   | 22   | 1.   | 4    | 571.5 | -27.5  | 4.0   | 4.0   | .350  | 29  | -2.02 | .25  | 26  |     |      |      |
| HANNA          | 3884 | 6  | 45.8  | 29  | 2.7   | 91.   | 22   | -1.  | 4    | 561.0 | -52.0  | 5.0   | 5.0   | .061  | 29  | -2.32 | .04  | 26  |     |      |      |
| HARTSHORNE     | 3946 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .470  | 27  | ***** | .30  | 27  |     |      |      |
| HASKELL        | 3956 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .220  | 29  | -1.95 | .22  | 2   |     |      |      |
| HOLDENVILLE    | 4235 | 6  | 46.3  | 29  | 2.8   | 93.   | 22   | -6.  | 4    | 545.5 | -62.5  | 4.5   | -1.5  | .040  | 29  | -1.91 | .02  | 28  |     |      |      |
| LAKE EUFAULA   | 4975 | 6  | 47.8  | 17  | ***** | 91.   | 23   | -4.  | 5    | 296.0 | *****  | 3.0   | ***** | .052  | 17  | ***** | .04  | 26  |     |      |      |
| LYONS 2 N      | 5437 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .062  | 29  | -1.86 | .06  | 26  |     |      |      |
| MCALESTER FAA  | 5664 | 6  | 49.6  | 29  | 7.1   | 92.   | 22   | 2.   | 4    | 470.5 | -159.5 | 22.5  | 22.5  | .275  | 29  | -2.37 | .22  | 27  |     |      |      |
| MCCURTAIN 1 SE | 5693 | 6  | 48.6  | 29  | 4.6   | 93.   | 22   | -4.  | 4    | 496.0 | -92.0  | 19.0  | 19.0  | .151  | 29  | -2.79 | .15  | 28  |     |      |      |
| MUSKOGEE       | 6130 | 6  | 45.0  | 29  | 2.9   | 90.   | 22   | -4.  | 4    | 583.0 | -58.0  | 4.0   | 4.0   | .040  | 29  | -2.27 | .04  | 1   |     |      |      |
| OKMULGEE W W   | 6670 | 6  | 41.4  | 29  | 1.3   | 91.   | 23   | -8.  | 5    | 688.0 | -9.0   | 5.0   | 5.0   | .201  | 29  | -1.95 | .20  | 1   |     |      |      |
| OKTAHA 2 NE    | 6678 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .050  | 29  | ***** | .04  | 26  |     |      |      |
| QUINTON        | 7372 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .211  | 29  | -2.29 | .08  | 18  |     |      |      |
| SALLISAW 2 NW  | 7862 | 6  | 42.8  | 28  | -3    | 84.   | 23   | -3.  | 4    | 628.5 | 15.5   | 7.5   | 7.5   | .130  | 29  | -2.59 | .08  | 26  |     |      |      |
| SCPIO          | 7979 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .330  | 29  | ***** | .27  | 27  |     |      |      |
| SCRAPER        | 7993 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000  | 29  | ***** | .00  | 29  |     |      |      |
| SHORT          | 8170 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .100  | 29  | ***** | .10  | 28  |     |      |      |
| STILWELL 1 NE  | 8506 | 6  | 43.4  | 29  | 2.2   | 85.   | 22   | -9.  | 4    | 625.5 | -40.5  | .5    | .5    | .260  | 29  | -2.40 | .18  | 2   |     |      |      |
| TAHLEQUAH      | 8677 | 6  | 43.8  | 29  | 2.5   | 88.   | 22   | -11. | 4    | 619.0 | -45.0  | 4.0   | 4.0   | 1.270 | 29  | -1.14 | 1.17 | 1   |     |      |      |
| WEBBERS FALLS  | 9445 | 6  | 41.9  | 29  | 1.6   | 92.   | 23   | -3.  | 5    | 673.5 | -18.5  | 3.5   | 3.5   | .090  | 29  | -2.45 | .06  | 26  |     |      |      |
| WESTVILLE      | 9523 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .140  | 29  | ***** | .10  | 26  |     |      |      |
| WETUMKA 3 NE   | 9571 | 6  | ***** | 0   | ***** | ***** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000  | 29  | -2.14 | .00  | 29  |     |      |      |



**FEBRUARY 1996 SUMAMRY FOR SOUTHWEST DIVISION (CD7)**

| NAME           | ID   | CD | DEV   |     |       |      | HEAT |      |      |       | COOL  |       |       |      | TOT | NUM   | DEV  |      | 24-HR | DAY |
|----------------|------|----|-------|-----|-------|------|------|------|------|-------|-------|-------|-------|------|-----|-------|------|------|-------|-----|
|                |      |    | MEAN  | NUM | FROM  | MAX  | MIN  | DEG  | FROM | DEG   | DEG   | FROM  | DEG   | FROM |     |       | NORM | NORM |       |     |
| ALTUS IRR STA  | 179  | 7  | 47.6  | 29  | 3.3   | 93.  | 22   | -1.  | 4    | 516.5 | -63.5 | 11.0  | 11.0  | .030 | 29  | -1.07 | .01  | 4    |       |     |
| ALTUS DAM      | 184  | 7  | 44.9  | 29  | 3.4   | 91.  | 23   | -2.  | 4    | 585.5 | -72.5 | 2.5   | 2.5   | .000 | 29  | -1.19 | .00  | 29   |       |     |
| ANADARKO       | 224  | 7  | 45.9  | 29  | 3.9   | 89.  | 22   | 6.   | 4    | 552.5 | -91.5 | .0    | .0    | .000 | 29  | -1.41 | .00  | 29   |       |     |
| APACHE         | 260  | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .000 | 29  | -1.44 | .00  | 29   |       |     |
| ALTUS AFB      | 447  | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .003 | 29  | ***** | .00  | 4    |       |     |
| CARNEGIE 2 ENE | 1504 | 7  | 45.4  | 29  | 3.4   | 89.  | 22   | -4.  | 4    | 579.5 | -64.5 | 10.0  | 10.0  | .002 | 29  | -1.35 | .00  | 2    |       |     |
| CHATTANOOGA    | 1706 | 7  | 47.1  | 25  | ***** | 92.  | 22   | -2.  | 4    | 452.0 | ***** | 5.0   | ***** | .001 | 25  | ***** | .00  | 2    |       |     |
| DUNCAN 11 W    | 2668 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .001 | 29  | ***** | .00  | 27   |       |     |
| FREDERICK      | 3353 | 7  | 44.5  | 23  | ***** | 91.  | 23   | 2.   | 3    | 482.5 | ***** | 11.5  | ***** | .020 | 23  | ***** | .02  | 3    |       |     |
| HEADRICK       | 3998 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .001 | 29  | ***** | .00  | 1    |       |     |
| HOBART FAA APT | 4204 | 7  | 45.2  | 29  | 3.3   | 89.  | 22   | -2.  | 4    | 581.0 | -66.0 | 8.0   | 8.0   | .032 | 29  | -1.02 | .03  | 2    |       |     |
| HOLLIS         | 4249 | 7  | 45.4  | 29  | 1.8   | 92.  | 22   | -1.  | 3    | 576.5 | -22.5 | 9.0   | 9.0   | .050 | 29  | -.96  | .03  | 2    |       |     |
| LAWTON         | 5063 | 7  | 44.7  | 28  | 2.8   | 93.  | 26   | 2.   | 4    | 579.0 | -68.0 | 10.5  | 10.5  | .000 | 28  | ***** | .00  | 29   |       |     |
| FORT SILL      | 5068 | 7  | 46.9  | 29  | ***** | 90.  | 22   | 2.   | 4    | 531.5 | ***** | 8.0   | ***** | .004 | 29  | ***** | .00  | 27   |       |     |
| LOOKEBA 2 ENE  | 5329 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .001 | 29  | -1.31 | .00  | 2    |       |     |
| MANGUM RES STA | 5509 | 7  | 46.9  | 29  | 3.4   | 94.  | 22   | -3.  | 3    | 536.5 | -65.5 | 13.0  | 13.0  | .000 | 29  | -1.12 | .00  | 29   |       |     |
| RANDLETT 9 E   | 7403 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .102 | 29  | ***** | .10  | 27   |       |     |
| SEDAN          | 8016 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .005 | 29  | ***** | .00  | 26   |       |     |
| SNYDER         | 8299 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .001 | 29  | -1.23 | .00  | 2    |       |     |
| VINSON 3 WNW   | 9212 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .031 | 29  | -.84  | .02  | 2    |       |     |
| WALTERS        | 9278 | 7  | 47.8  | 29  | 3.1   | 91.  | 22   | 1.   | 4    | 505.5 | -62.5 | 5.5   | 5.5   | .000 | 29  | -1.80 | .00  | 29   |       |     |
| WICHITA MT WLR | 9629 | 7  | 42.8  | 29  | 1.9   | 88.  | 23   | -4.  | 3    | 644.5 | -30.5 | 2.0   | 2.0   | .000 | 29  | -1.46 | .00  | 29   |       |     |
| WILLOW         | 9668 | 7  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | ***** | ***** | ***** | .532 | 29  | ***** | .42  | 26   |       |     |

**FEBRUARY 1996 SUMMARY FOR SOUTH CENTRAL DIVISION (CD8)**

| NAME             | ID   | CD | DEV   |     |       |      | HEAT |      |      |       | COOL   |       |       |      | TOT | NUM   | DEV  |      | 24-HR | DAY |
|------------------|------|----|-------|-----|-------|------|------|------|------|-------|--------|-------|-------|------|-----|-------|------|------|-------|-----|
|                  |      |    | MEAN  | NUM | FROM  | MAX  | MIN  | DEG  | FROM | DEG   | DEG    | FROM  | DEG   | FROM |     |       | NORM | NORM |       |     |
| ADA              | 17   | 8  | 47.0  | 29  | 3.3   | 91.  | 22   | -1.  | 4    | 540.5 | -55.5  | 18.0  | 18.0  | .032 | 29  | -2.12 | .03  | 27   |       |     |
| ALLEN            | 147  | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .200 | 29  | ***** | .20  | 27   |       |     |
| ARDMORE          | 292  | 8  | 50.2  | 28  | 3.7   | 93.  | 22   | 2.   | 4    | 438.0 | -86.0  | 22.5  | 16.5  | .020 | 28  | ***** | .02  | 27   |       |     |
| ATOKA DAM        | 394  | 8  | 48.8  | 21  | ***** | 91.  | 23   | 4.   | 5    | 349.0 | *****  | 8.0   | ***** | .331 | 21  | ***** | .23  | 27   |       |     |
| BOKCHITO         | 917  | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .250 | 29  | ***** | .25  | 27   |       |     |
| CANEY            | 1437 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | ***** | .00  | 29   |       |     |
| CENTRAHOMA       | 1648 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .550 | 31  | ***** | .55  | 27   |       |     |
| COMANCHE         | 2054 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | -1.74 | .00  | 29   |       |     |
| DAISY 4 ENE      | 2354 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .302 | 28  | ***** | .16  | 28   |       |     |
| DUNCAN           | 2660 | 8  | 46.4  | 28  | 3.7   | 90.  | 23   | 1.   | 4    | 527.0 | -97.0  | 7.0   | 7.0   | .002 | 28  | ***** | .00  | 27   |       |     |
| DURANT USDA      | 2678 | 8  | 48.2  | 29  | 4.7   | 93.  | 23   | 3.   | 4    | 502.5 | -99.5  | 15.5  | 15.5  | .070 | 29  | -2.56 | .05  | 28   |       |     |
| ELMORE CITY      | 2872 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .120 | 29  | ***** | .10  | 7    |       |     |
| GRADY            | 3688 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | ***** | .00  | 29   |       |     |
| HEALDTON         | 4001 | 8  | 49.1  | 29  | 4.7   | 91.  | 22   | 1.   | 4    | 472.0 | -105.0 | 11.5  | 11.5  | .020 | 29  | -1.81 | .02  | 28   |       |     |
| HENNEPIN         | 4052 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .001 | 29  | ***** | .00  | 2    |       |     |
| KINGSTON         | 4865 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .240 | 28  | ***** | .12  | 1    |       |     |
| KETCHUM RANCH    | 4780 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .040 | 29  | ***** | .04  | 27   |       |     |
| LEHIGH           | 5108 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .153 | 29  | ***** | .15  | 28   |       |     |
| LINDSAY 2 W      | 5216 | 8  | 46.9  | 29  | 3.6   | 91.  | 22   | -1.  | 4    | 534.5 | -73.5  | 10.5  | 10.5  | .000 | 29  | -1.78 | .00  | 29   |       |     |
| LOCO 6 SE        | 5247 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .000 | 29  | ***** | .00  | 29   |       |     |
| MADILL           | 5468 | 8  | 48.7  | 29  | 3.3   | 93.  | 22   | 10.  | 4    | 484.0 | -65.0  | 10.0  | 10.0  | .001 | 29  | -2.55 | .00  | 2    |       |     |
| MARIETTA         | 5563 | 8  | 50.4  | 29  | 4.8   | 96.  | 22   | 4.   | 4    | 443.5 | -99.5  | 20.0  | 20.0  | .000 | 29  | -2.16 | .00  | 29   |       |     |
| MARLOW 1 WSW     | 5581 | 8  | 49.1  | 29  | 5.6   | 92.  | 22   | -3.  | 4    | 481.0 | -121.0 | 21.0  | 21.0  | .010 | 29  | -1.58 | .01  | 2    |       |     |
| MC GEE CREEK DAM | 5713 | 8  | 47.1  | 29  | ***** | 91.  | 22   | 0.   | 4    | 532.5 | *****  | 14.0  | ***** | .391 | 29  | ***** | .34  | 28   |       |     |
| PAULS VALLEY     | 6926 | 8  | 47.2  | 29  | 3.3   | 92.  | 22   | -1.  | 4    | 522.5 | -68.5  | 7.0   | 7.0   | .150 | 29  | -1.70 | .15  | 27   |       |     |
| PONTOTOC         | 7214 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .010 | 29  | -2.12 | .01  | 25   |       |     |
| TISHOMINGO NWLR  | 8884 | 8  | 48.0  | 29  | 3.1   | 90.  | 22   | 2.   | 4    | 500.0 | -63.0  | 7.0   | 7.0   | .100 | 29  | -2.26 | .10  | 27   |       |     |
| TUSSY            | 9032 | 8  | ***** | 0   | ***** | **** | 0    | **** | 0    | ***** | *****  | ***** | ***** | .001 | 29  | ***** | .00  | 2    |       |     |
| WAURIKA          | 9395 | 8  | 50.0  | 29  | 4.6   | 93.  | 22   | 13.  | 4    | 451.5 | -97.5  | 17.5  | 17.5  | .001 | 29  | -1.62 | .00  | 2    |       |     |
| WAURIKA DAM      | 9399 | 8  | 47.7  | 20  | ***** | 89.  | 22   | 1.   | 5    | 348.0 | *****  | 2.5   | ***** | .001 | 29  | ***** | .00  | 2    |       |     |

**FEBRUARY 1996 SUMMARY FOR SOUTHEAST DIVISION (CD9)**

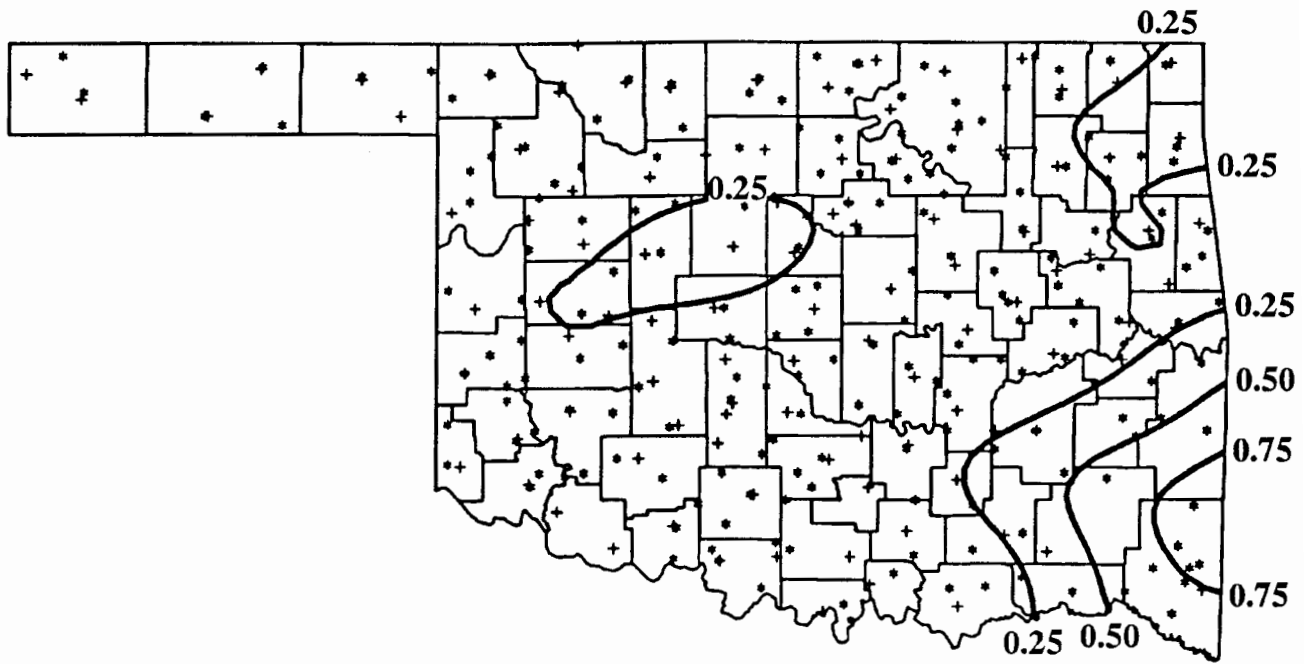
| NAME            | ID   | CD | DEV   |     |       |      | HEAT |      |     | DEV   |       | COOL  |       | DEV   |      | TOT   | NUM   | FROM | MAX | 24-HR | DAY |
|-----------------|------|----|-------|-----|-------|------|------|------|-----|-------|-------|-------|-------|-------|------|-------|-------|------|-----|-------|-----|
|                 |      |    | MEAN  | NUM | FROM  | MAX  | DEG  | FROM | DEG | FROM  | DEG   | FROM  | PPT   | OBS   | NORM |       |       |      |     |       |     |
| ANTLERS         | 256  | 9  | 48.1  | 29  | 3.3   | 90.  | 21   | 3.   | 4   | 500.0 | -66.0 | 10.5  | 10.5  | ***** | 0    | ***** | ***** | 0    |     |       |     |
| BATTIEST 1 SSW  | 567  | 9  | 43.4  | 28  | ***** | 82.  | 21   | 0.   | 4   | 605.5 | ***** | .0    | ***** | .140  | 28   | ***** | .05   | 28   |     |       |     |
| BEAR MT TWR     | 584  | 9  | 50.7  | 23  | ***** | 88.  | 23   | 3.   | 4   | 351.0 | ***** | 21.5  | ***** | .700  | 29   | -2.93 | .56   | 28   |     |       |     |
| BENGAL          | 670  | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | .240  | 29   | ***** | .17   | 28   |     |       |     |
| BOSWELL 4 NNW   | 980  | 9  | 49.7  | 29  | 4.5   | 92.  | 21   | 2.   | 4   | 460.0 | -94.0 | 17.5  | 17.5  | .000  | 29   | -3.06 | .00   | 29   |     |       |     |
| BROKEN BOW 1 N  | 1162 | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | 1.220 | 29   | -2.28 | 1.03  | 27   |     |       |     |
| BROKEN BOW DAM  | 1168 | 9  | 46.8  | 29  | 3.1   | 89.  | 21   | 0.   | 3   | 527.0 | -69.0 | .5    | .5    | 1.210 | 29   | -2.33 | .71   | 27   |     |       |     |
| CARNASAW TWR    | 1499 | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | 1.100 | 29   | -2.44 | .78   | 28   |     |       |     |
| CARTER TWR      | 1544 | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | .730  | 29   | -2.84 | .50   | 28   |     |       |     |
| FANSHAW         | 3065 | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | .150  | 29   | -2.99 | .10   | 19   |     |       |     |
| HEAVENER 1 SE   | 4008 | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | .700  | 29   | -2.24 | .63   | 27   |     |       |     |
| HUGO            | 4384 | 9  | 50.9  | 29  | 4.3   | 90.  | 21   | 3.   | 4   | 430.0 | -85.0 | 21.5  | 21.5  | .341  | 29   | -2.99 | .30   | 28   |     |       |     |
| IDABEL          | 4451 | 9  | 47.0  | 29  | 2.6   | 89.  | 22   | 2.   | 5   | 527.5 | -49.5 | 5.5   | 5.5   | .861  | 29   | -2.67 | .66   | 28   |     |       |     |
| PINE CREEK DAM  | 7080 | 9  | 47.3  | 20  | ***** | 89.  | 23   | 2.   | 5   | 360.5 | ***** | 5.5   | ***** | .620  | 20   | ***** | .47   | 28   |     |       |     |
| POTEAU W W      | 7254 | 9  | 45.8  | 28  | ***** | 92.  | 22   | -2.  | 5   | 538.0 | ***** | 1.5   | ***** | .821  | 28   | ***** | .36   | 27   |     |       |     |
| SMITHVILLE 1 W  | 8285 | 9  | 44.0  | 29  | 1.1   | 84.  | 21   | 2.   | 4   | 608.0 | -11.0 | .0    | .0    | 1.101 | 29   | -2.54 | .85   | 19   |     |       |     |
| SPIRO           | 8416 | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | .540  | 29   | -2.34 | .39   | 19   |     |       |     |
| TUSKAHOMA       | 9023 | 9  | 47.5  | 29  | 2.6   | 87.  | 22   | -2.  | 4   | 515.5 | -47.5 | 7.5   | 7.5   | .883  | 29   | -2.06 | .63   | 28   |     |       |     |
| VALLIANT 3 W    | 9118 | 9  | ***** | 0   | ***** | **** | 0    | **** | 0   | ***** | ***** | ***** | ***** | .580  | 29   | -2.89 | .45   | 28   |     |       |     |
| WILBURTON 9 ENE | 9634 | 9  | 46.6  | 29  | 3.4   | 90.  | 22   | -2.  | 4   | 537.0 | -73.0 | 2.0   | 2.0   | .460  | 29   | -2.57 | .45   | 27   |     |       |     |

**FEBRUARY 1996 CLIMATE DIVISION SUMMARY**

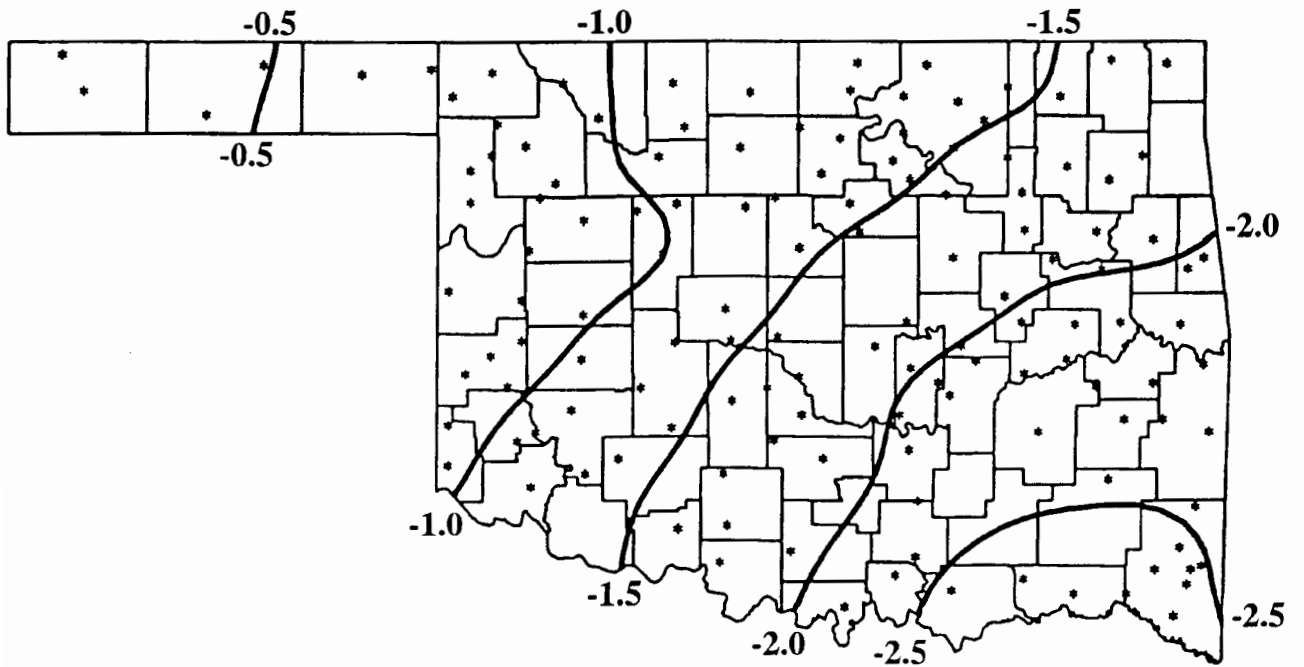
| CLIMATE | MEAN | NUM | DEV  |      |     |        | HEAT |        |       | DEV    |      | COOL   |     | DEV   |      | TOT | NUM | FROM | MAX | 24-HR | DAY |
|---------|------|-----|------|------|-----|--------|------|--------|-------|--------|------|--------|-----|-------|------|-----|-----|------|-----|-------|-----|
|         |      |     | FROM | MAX  | MIN | DEGREE | FROM | DEGREE | FROM  | DEGREE | FROM | DEGREE | PPT | STA   | NORM |     |     |      |     |       |     |
| 1       | 39.8 | 10  | 2.3  | 90.0 | 22  | -19.0  | 4    | 731.5  | -39.4 | .0     | .0   | .12    | 13  | -.60  | .30  | 3   |     |      |     |       |     |
| 2       | 41.0 | 14  | 2.3  | 95.0 | 23  | -15.0  | 4    | 698.8  | -38.3 | 3.1    | 3.1  | .10    | 23  | -1.07 | .20  | 27  |     |      |     |       |     |
| 3       | 42.3 | 15  | 2.8  | 92.0 | 22  | -19.0  | 4    | 663.6  | -51.2 | 7.1    | 7.1  | .24    | 27  | -1.57 | .40  | 2   |     |      |     |       |     |
| 4       | 42.4 | 11  | 2.0  | 93.0 | 22  | -17.0  | 4    | 655.1  | -34.7 | 3.9    | 3.9  | .27    | 18  | -.84  | .90  | 1   |     |      |     |       |     |
| 5       | 44.6 | 16  | 2.8  | 93.0 | 22  | -18.0  | 4    | 595.6  | -55.2 | 7.1    | 7.1  | .10    | 35  | -1.63 | .50  | 1   |     |      |     |       |     |
| 6       | 44.9 | 11  | 2.7  | 93.0 | 22  | -11.0  | 4    | 587.5  | -49.9 | 7.2    | 6.7  | .19    | 28  | -2.16 | 1.17 | 1   |     |      |     |       |     |
| 7       | 45.8 | 11  | 3.0  | 94.0 | 22  | -4.0   | 3    | 562.6  | -60.6 | 7.2    | 7.2  | .04    | 20  | -1.23 | .42  | 26  |     |      |     |       |     |
| 8       | 48.3 | 13  | 4.0  | 96.0 | 22  | -3.0   | 4    | 494.6  | -85.7 | 14.0   | 13.5 | .08    | 25  | -2.06 | .55  | 27  |     |      |     |       |     |
| 9       | 47.0 | 10  | 2.3  | 92.0 | 22  | -2.0   | 4    | 524.8  | -44.7 | 6.7    | 6.7  | .68    | 16  | -2.60 | 1.03 | 27  |     |      |     |       |     |

MESONET MONTHLY DATA SUMMARY FOR FEBRUARY 1996

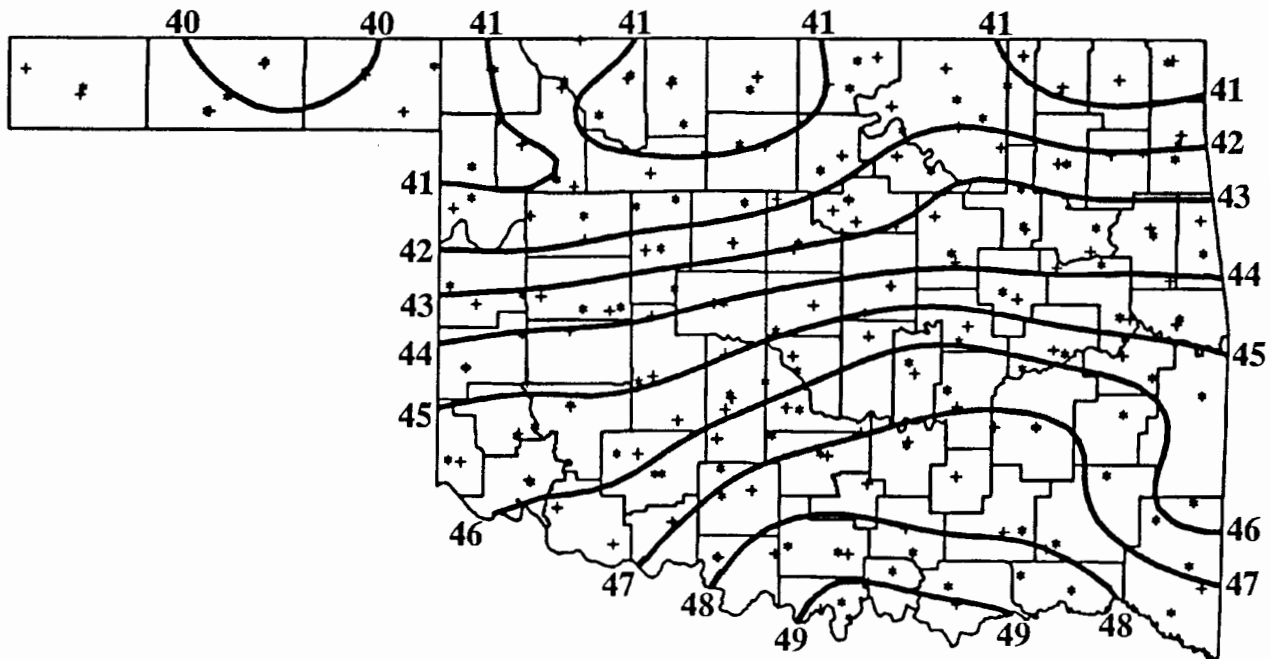
| NAME          | MEAN TEMP | MAX TEMP | DAY | MIN TEMP | DAY | HDD | CDD | TOT PPT | MAX 24-HR | DAY | NAME          | MEAN TEMP | MAX TEMP | DAY | MIN TEMP | DAY | HDD | CDD | TOT PPT | MAX 24-HR | DAY |
|---------------|-----------|----------|-----|----------|-----|-----|-----|---------|-----------|-----|---------------|-----------|----------|-----|----------|-----|-----|-----|---------|-----------|-----|
| NORTHWEST     |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| ARNETT        | 42.8      | 90       | 22  | -6       | 4   | 648 | 3   | .08     | .05       | 5   | GOODWELL      | 41.0      | 81       | 22  | -11      | 3   | 695 | 0   | .14     | .09       | 4   |
| BEAVER        | 40.7      | 87       | 22  | -9       | 4   | 706 | 0   | .11     | .11       | 4   | HOOVER        | 39.6      | 82       | 22  | -10      | 3   | 736 | 0   | .24     | .17       | 4   |
| BOISE CITY    | 40.7      | 80       | 21  | -13      | 3   | 706 | 0   | .15     | .09       | 4   | KENTON        | 40.7      | 78       | 9   | -18      | 3   | 705 | 0   | .15     | .09       | 4   |
| BUFFALO       | 41.2      | 91       | 22  | -6       | 4   | 689 | 0   | .06     | .02       | 3   | SLAPOUT       | 42.0      | 88       | 22  | -6       | 3   | 667 | 0   | .11     | .10       | 4   |
| NORTH CENTRAL |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| ALVA          | 40.8      | 92       | 22  | -4       | 4   | 701 | 0   | .02     | .02       | 5   | MAY RANCH     | 42.4      | 92       | 22  | -4       | 4   | 659 | 2   | .03     | .03       | 5   |
| BLACKWELL     | 40.4      | 92       | 22  | -4       | 4   | 716 | 1   | .03     | .02       | 5   | MEDFORD       | 39.8      | 93       | 22  | -5       | 4   | 730 | 0   | .18     | .15       | 26  |
| BRECKENRIDGE  | 40.6      | 91       | 22  | -7       | 4   | 708 | 0   | .08     | .08       | 5   | NEWKIRK       | 41.3      | 92       | 22  | -2       | 4   | 690 | 2   | .06     | .03       | 5   |
| CHEROKEE      | 39.1      | 91       | 22  | -8       | 4   | 750 | 0   | .03     | .03       | 5   | RED ROCK      | 41.0      | 92       | 22  | -11      | 4   | 696 | 1   | .09     | .07       | 5   |
| FAIRVIEW      | 42.2      | 93       | 22  | -10      | 4   | 661 | 0   | .13     | .11       | 5   | SEILING       | 42.2      | 93       | 22  | -11      | 4   | 661 | 0   | .14     | .06       | 6   |
| FREEDOM       | 42.1      | 92       | 22  | -5       | 4   | 668 | 3   | .05     | .03       | 3   | WOODWARD      | 43.3      | 91       | 22  | -2       | 3   | 634 | 3   | .04     | .02       | 4   |
| LAHOMA        | 41.0      | 92       | 22  | -6       | 4   | 696 | 0   | .11     | .06       | 5   |               |           |          |     |          |     |     |     |         |           |     |
| NORTHEAST     |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| BIXBY         | 44.1      | 94       | 22  | -6       | 4   | 614 | 7   | .12     | .10       | 5   | NOMATA        | 40.0      | 89       | 22  | -18      | 4   | 725 | 1   | .15     | .15       | 5   |
| BURBANK       | 40.1      | 91       | 22  | -11      | 4   | 725 | 2   | .15     | .12       | 5   | PAWNEE        | 42.5      | 94       | 22  | -11      | 4   | 658 | 5   | .11     | .10       | 5   |
| CLAREMORE     | 43.1      | 94       | 22  | -11      | 4   | 644 | 10  | .21     | .20       | 5   | PRYOR         | 42.0      | 90       | 22  | -14      | 4   | 671 | 4   | .10     | .06       | 5   |
| COPAN         | 40.8      | 90       | 22  | -8       | 4   | 702 | 0   | .10     | .09       | 5   | SKIATOOK      | 44.1      | 93       | 22  | -5       | 4   | 617 | 12  | .21     | .13       | 5   |
| FORAKER       | 41.5      | 92       | 22  | -2       | 4   | 682 | 0   | .13     | .11       | 5   | TULLAHASSEE   | 43.9      | 90       | 22  | -5       | 4   | 617 | 4   | .04     | .04       | 27  |
| JAY           | 41.4      | 89       | 22  | -14      | 4   | 690 | 5   | .32     | .14       | 27  | VINITA        | 40.1      | 88       | 22  | -17      | 4   | 727 | 4   | .34     | .18       | 27  |
| MIAMI         | 40.1      | 85       | 22  | -12      | 4   | 628 | 4   | .39     | .26       | 27  | WYNONA        | 42.3      | 94       | 22  | -11      | 4   | 662 | 3   | .16     | .15       | 5   |
| WEST CENTRAL  |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| BESSIE        | 45.2      | 93       | 22  | -2       | 3   | 583 | 9   | .54     | .50       | 25  | PUTNAM        | 42.8      | 93       | 22  | -4       | 3   | 649 | 5   | .16     | .15       | 5   |
| BUTLER        | 43.6      | 94       | 22  | -13      | 4   | 624 | 2   | .25     | .16       | 5   | RETROP        | 46.0      | 94       | 22  | 0        | 3   | 564 | 13  | .40     | .38       | 25  |
| CAMARGO       | 40.0      | 91       | 22  | -15      | 4   | 724 | 0   | .16     | .10       | 5   | WATONGA       | 43.5      | 91       | 22  | -7       | 3   | 631 | 8   | .18     | .17       | 5   |
| CHEYENNE      | 44.2      | 90       | 22  | -8       | 3   | 614 | 10  | .25     | .21       | 5   | WEATHERFORD   | 43.5      | 90       | 22  | -2       | 4   | 629 | 7   | .28     | .27       | 25  |
| ERICK         | 43.8      | 94       | 22  | -1       | 3   | 619 | 4   | .03     | .02       | 3   |               |           |          |     |          |     |     |     |         |           |     |
| CENTRAL       |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| ACME          | 47.2      | 93       | 22  | -1       | 4   | 535 | 19  | .00     | .00       | 1   | MINCO         | 45.3      | 91       | 22  | 0        | 4   | 581 | 10  | .02     | .01       | 4   |
| BOWLEGS       | 46.6      | 94       | 22  | 0        | 4   | 540 | 8   | .02     | .02       | 27  | NINNEKAH      | 46.6      | 92       | 22  | -1       | 4   | 545 | 12  | .00     | .00       | 1   |
| BRISTOW       | 44.3      | 95       | 22  | -9       | 4   | 607 | 8   | .07     | .04       | 5   | NORMAN        | 46.2      | 93       | 22  | 1        | 4   | 554 | 9   | .00     | .00       | 1   |
| CHANDLER      | 44.3      | 92       | 22  | -7       | 4   | 610 | 9   | .09     | .05       | 5   | OILTON        | 42.6      | 95       | 22  | -15      | 4   | 652 | 3   | .25     | .19       | 5   |
| CHICKASHA     | 45.0      | 93       | 22  | 0        | 4   | 587 | 6   | .00     | .00       | 1   | OKEMAH        | 45.5      | 93       | 22  | 0        | 4   | 573 | 8   | .03     | .03       | 27  |
| EL RENO       | 43.1      | 93       | 22  | -7       | 4   | 641 | 5   | .08     | .06       | 5   | PERKINS       | 43.1      | 93       | 22  | -11      | 4   | 639 | 3   | .22     | .19       | 5   |
| GUTHRIE       | 43.9      | 93       | 22  | -10      | 4   | 619 | 7   | .23     | .19       | 5   | SHAWNEE       | 46.4      | 93       | 22  | 1        | 3   | 554 | 15  | .01     | .01       | 27  |
| KINGFISHER    | 40.8      | 91       | 22  | -16      | 4   | 703 | 0   | 1.10    | .93       | 6   | SPENCER       | 44.6      | 92       | 22  | -6       | 4   | 599 | 8   | .06     | .03       | 4   |
| MARENA        | 43.4      | 93       | 22  | -9       | 4   | 632 | 5   | .28     | .20       | 5   | STILLWATER    | 40.7      | 93       | 22  | -18      | 4   | 706 | 0   | .20     | .16       | 5   |
| MARSHALL      | 40.2      | 91       | 22  | -14      | 4   | 719 | 0   | .24     | .16       | 5   | WASHINGTON    | 46.5      | 92       | 22  | 1        | 4   | 547 | 10  | .00     | .00       | 1   |
| EAST CENTRAL  |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| CALVIN        | 46.5      | 94       | 22  | 2        | 4   | 543 | 6   | .02     | .01       | 26  | SALLISAW      | 45.7      | 89       | 21  | 1        | 4   | 564 | 5   | .18     | .08       | 27  |
| COOKSON       | 44.7      | 89       | 22  | -5       | 4   | 598 | 8   | .19     | .15       | 25  | STIGLER       | 45.2      | 93       | 22  | 1        | 4   | 577 | 4   | .16     | .08       | 27  |
| EUFULA        | 46.4      | 92       | 22  | 1        | 4   | 547 | 6   | .06     | .05       | 25  | STUART        | 47.4      | 91       | 21  | 0        | 4   | 521 | 11  | .08     | .04       | 25  |
| HASKELL       | 44.3      | 93       | 22  | -5       | 4   | 605 | 5   | .02     | .02       | 27  | TAHLEQUAH     | 42.7      | 89       | 22  | -11      | 4   | 653 | 6   | .29     | .16       | 25  |
| MCALESTER     | 46.8      | 90       | 21  | 0        | 4   | 535 | 8   | .22     | .13       | 26  | WEBBERS FALLS | 45.1      | 88       | 22  | 1        | 4   | 578 | 2   | .17     | .09       | 26  |
| OKMULGEE      | 44.2      | 92       | 22  | -4       | 4   | 604 | 2   | .05     | .04       | 27  | WESTVILLE     | 43.8      | 89       | 22  | -5       | 4   | 623 | 9   | .21     | .11       | 25  |
| SOUTHWEST     |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| ALTUS         | 46.0      | 93       | 22  | 1        | 4   | 562 | 11  | .00     | .00       | 1   | HOLLIS        | 45.7      | 93       | 22  | 0        | 3   | 571 | 11  | .03     | .03       | 3   |
| APACHE        | 44.5      | 87       | 22  | 0        | 3   | 599 | 5   | .00     | .00       | 1   | MANGUM        | 45.3      | 94       | 22  | -1       | 4   | 577 | 7   | .02     | .01       | 3   |
| FORT COBB     | 44.5      | 92       | 22  | -2       | 4   | 604 | 9   | .00     | .00       | 1   | MEDICINE PARK | 48.7      | 91       | 22  | 3        | 3   | 496 | 23  | .00     | .00       | 1   |
| GRANDFIELD    | 46.7      | 93       | 22  | 2        | 4   | 540 | 8   | .00     | .00       | 3   | TIPTON        | 46.3      | 94       | 22  | 2        | 4   | 552 | 11  | .00     | .00       | 1   |
| HINTON        | 43.5      | 91       | 22  | -4       | 4   | 630 | 6   | .26     | .19       | 25  | WALTERS       | 46.6      | 92       | 22  | 1        | 4   | 540 | 7   | .00     | .00       | 1   |
| HOBART        | 44.3      | 90       | 22  | -2       | 4   | 608 | 7   | .00     | .00       | 1   |               |           |          |     |          |     |     |     |         |           |     |
| SOUTH CENTRAL |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| ADA           | 47.9      | 96       | 22  | 2        | 4   | 511 | 17  | .05     | .04       | 26  | LANE          | 47.4      | 91       | 22  | 5        | 4   | 520 | 9   | .11     | .05       | 27  |
| ARDMORE       | 49.8      | 95       | 22  | 3        | 4   | 462 | 21  | .00     | .00       | 1   | MADILL        | 50.3      | 97       | 22  | 4        | 4   | 446 | 20  | .02     | .01       | 7   |
| BURNEYVILLE   | 48.3      | 96       | 22  | 1        | 4   | 493 | 9   | .00     | .00       | 1   | PAULS VALLEY  | 48.3      | 94       | 22  | 3        | 4   | 498 | 15  | .00     | .00       | 1   |
| BYARS         | 47.7      | 91       | 22  | 1        | 4   | 521 | 18  | .02     | .02       | 27  | RINGLING      | 48.3      | 94       | 22  | 2        | 4   | 495 | 12  | .00     | .00       | 1   |
| CENTRAHOMA    | 47.2      | 94       | 22  | 0        | 4   | 522 | 6   | .49     | .44       | 26  | SULPHUR       | 46.1      | 91       | 22  | 0        | 4   | 554 | 6   | .02     | .01       | 26  |
| DURANT        | 50.3      | 94       | 22  | 5        | 4   | 451 | 25  | .00     | .00       | 1   | TISHOMINGO    | 46.6      | 93       | 22  | 0        | 4   | 543 | 8   | .23     | .19       | 26  |
| KETCHUM RANCH | 46.9      | 92       | 22  | 1        | 4   | 534 | 9   | .03     | .03       | 27  | WAURIKA       | 48.5      | 94       | 22  | 2        | 4   | 492 | 13  | .00     | .00       | 1   |
| SOUTHEAST     |           |          |     |          |     |     |     |         |           |     |               |           |          |     |          |     |     |     |         |           |     |
| ANTLERS       | 48.1      | 94       | 21  | 0        | 4   | 503 | 12  | .28     | .28       | 27  | IDABEL        | 49.6      | 92       | 21  | 6        | 4   | 460 | 13  | .51     | .42       | 27  |
| BROKEN BOW    | 48.9      | 93       | 21  | 3        | 4   | 474 | 8   | .57     | .38       | 27  | MT HERMAN     | 45.7      | 84       | 21  | 1        | 4   | 566 | 5   | .32     | .18       | 27  |
| CLAYTON       | 47.3      | 94       | 22  | 1        | 4   | 521 | 9   | .28     | .16       | 27  | TALIHINA      | 46.3      | 91       | 22  | 2        | 4   | 549 | 7   | 1.01    | .96       | 27  |
| CLOUDY        | 47.1      | 89       | 21  | 3        | 4   | 527 | 7   | .23     | .13       | 27  | WILBURTON     | 46.7      | 93       | 22  | 1        | 4   | 540 | 10  | .06     | .06       | 27  |
| HUGO          | 49.4      | 92       | 21  | 5        | 4   | 466 | 14  | .11     | .10       | 27  | WISTER        | 44.4      | 90       | 22  | 0        | 4   | 600 | 2   | .61     | .42       | 27  |



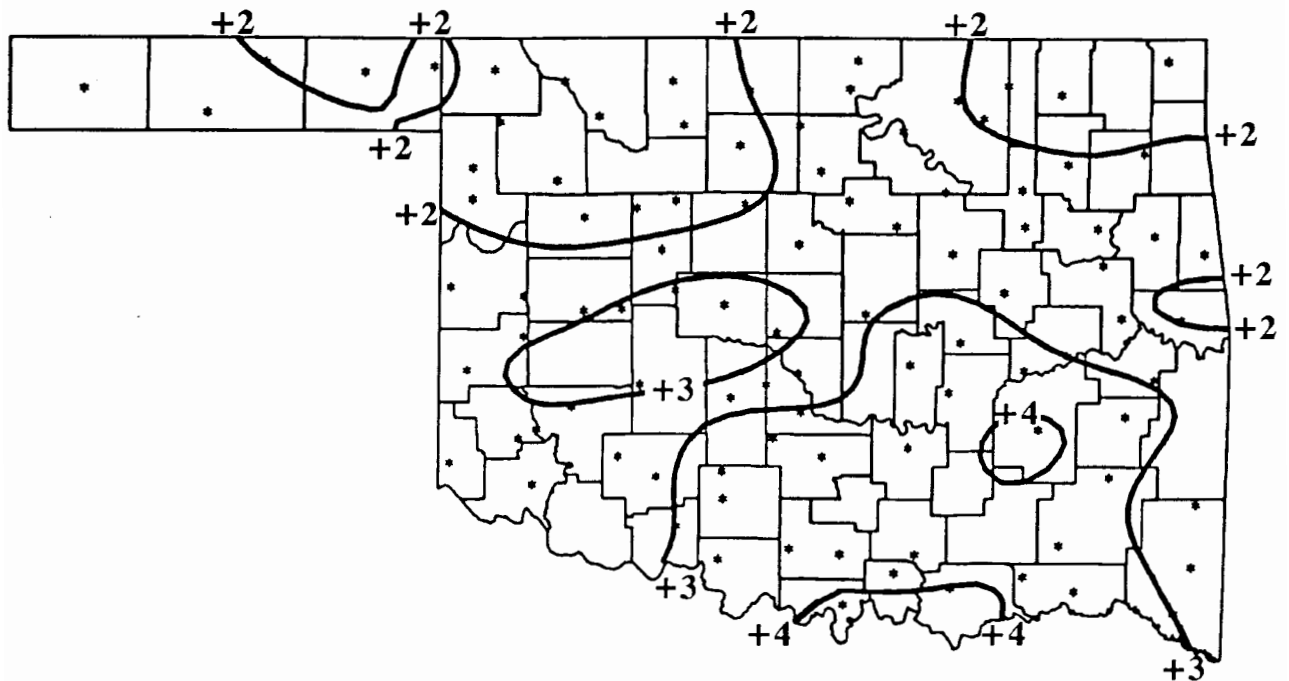
FEBRUARY 1996 TOTAL PRECIPITATION  
(Inches)



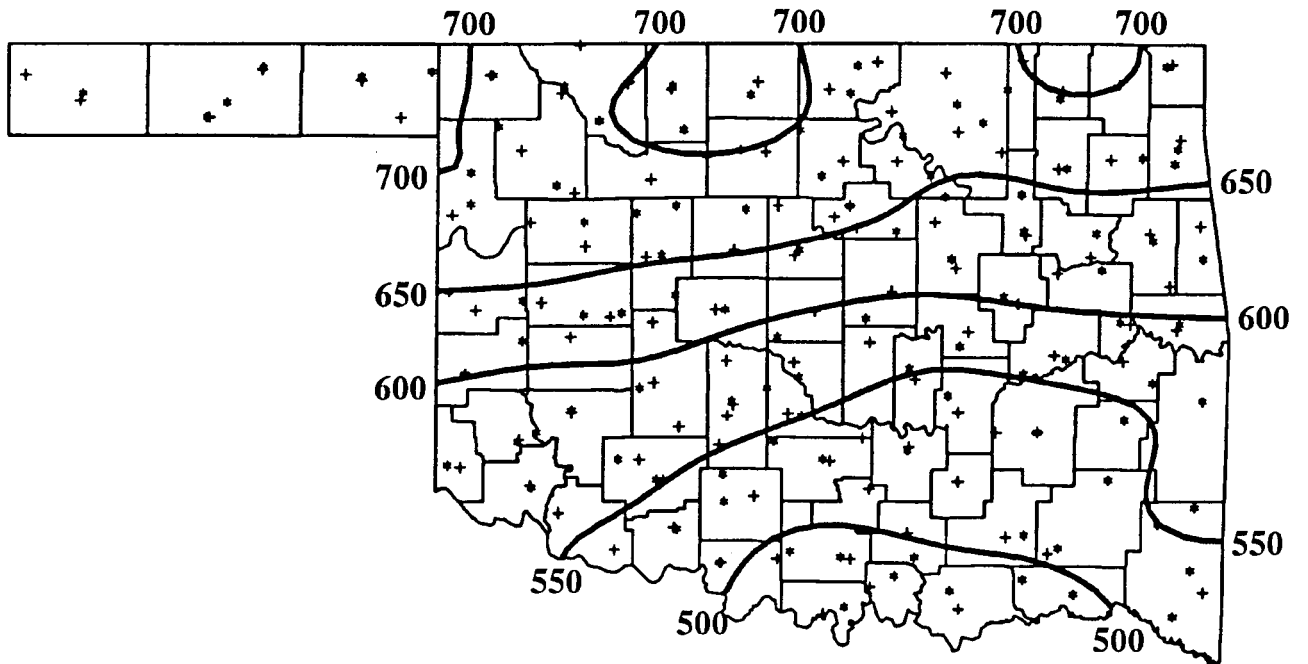
FEBRUARY 1996 DEVIATION FROM NORMAL PRECIPITATION  
(Inches)



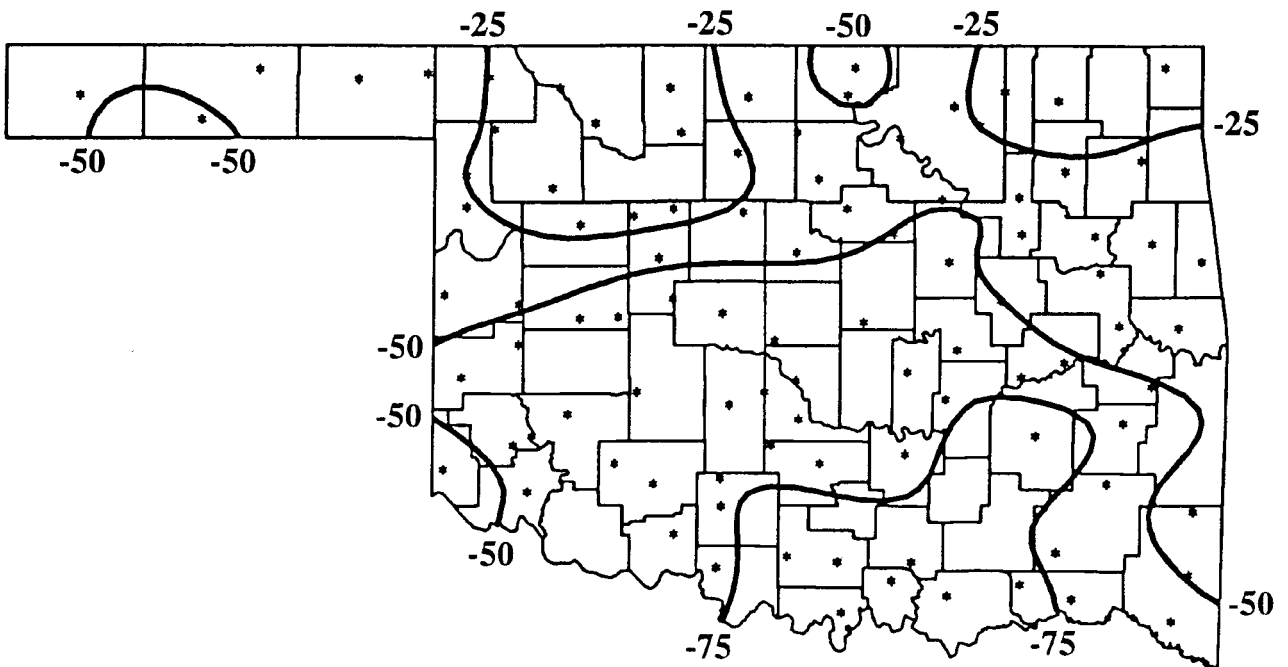
FEBRUARY 1996 AVERAGE MONTHLY TEMPERATURES  
(Degrees F)



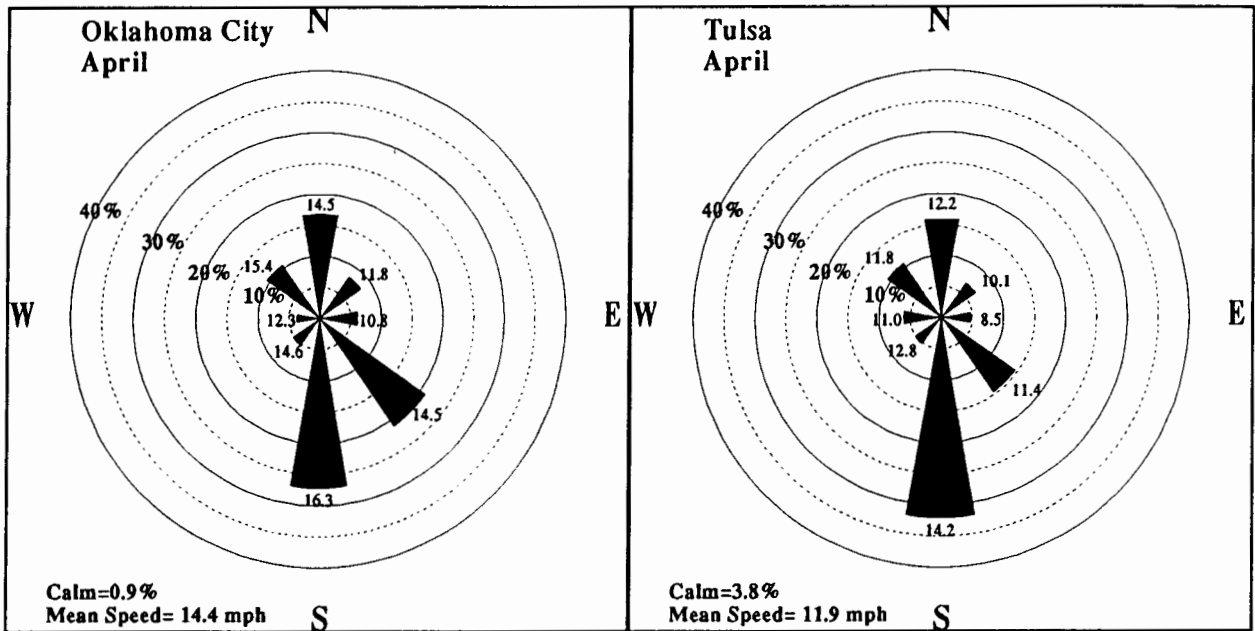
FEBRUARY 1996 DEVIATION FROM NORMAL TEMPERATURES  
(Degrees F)



FEBRUARY 1996 HEATING DEGREE DAYS



FEBRUARY 1996 DEVIATION FROM NORMAL HEATING DEGREE DAYS



**April 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.

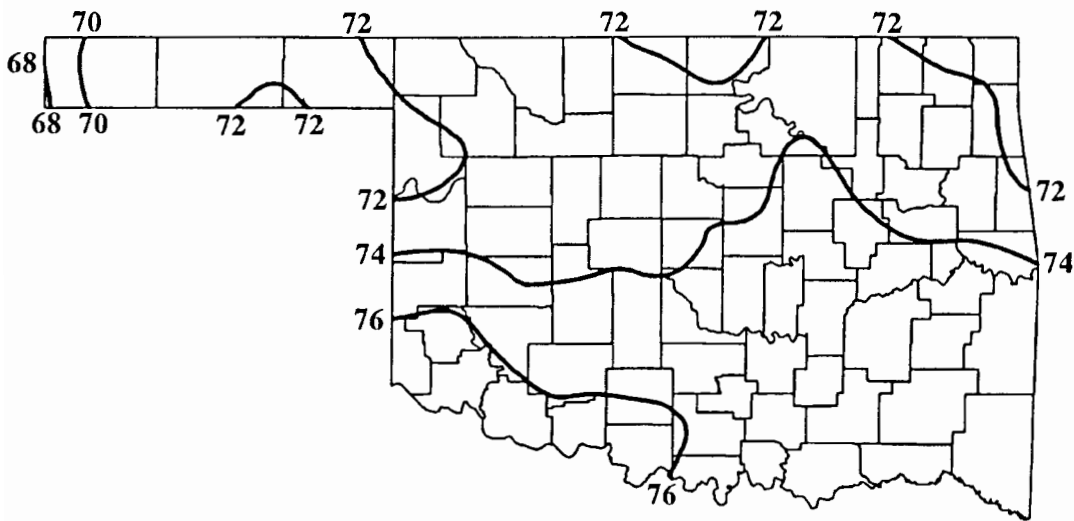
**APRIL 1996 SUNRISE AND SUNSET**

**OKLAHOMA CITY**

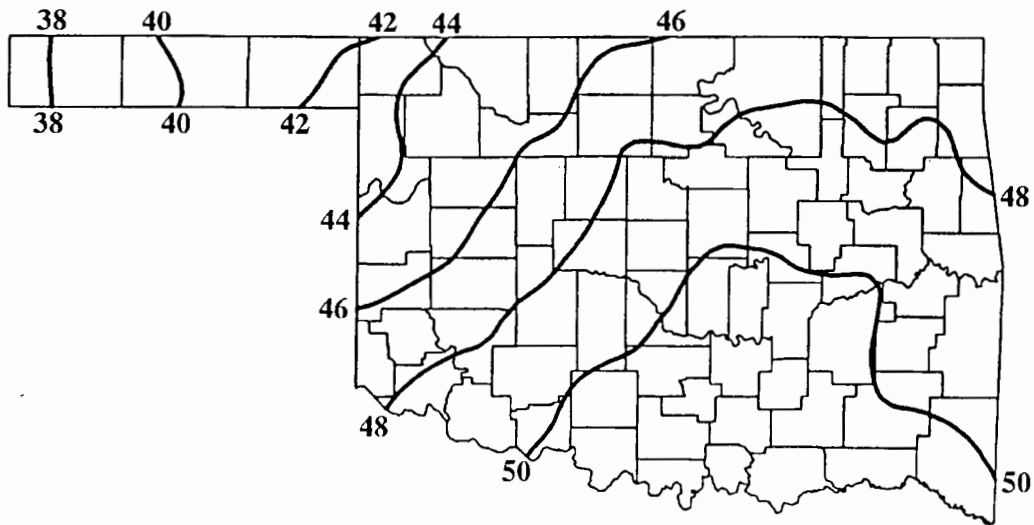
| DATE   | SUNRISE | SUNSET     | DAYLIGHT       |
|--------|---------|------------|----------------|
| 96 4 1 | 6:17AM  | 6:51PM cst | 12 hrs 34 mins |
| 96 4 2 | 6:16AM  | 6:52PM cst | 12 hrs 36 mins |
| 96 4 3 | 6:14AM  | 6:53PM cst | 12 hrs 39 mins |
| 96 4 4 | 6:13AM  | 6:54PM cst | 12 hrs 41 mins |
| 96 4 5 | 6:12AM  | 6:55PM cst | 12 hrs 43 mins |
| 96 4 6 | 6:10AM  | 6:55PM cst | 12 hrs 45 mins |
| 96 4 7 | 6: 9AM  | 6:56PM cst | 12 hrs 47 mins |
| 96 4 8 | 6: 7AM  | 6:57PM cst | 12 hrs 50 mins |
| 96 4 9 | 6: 6AM  | 6:58PM cst | 12 hrs 52 mins |
| 96 410 | 6: 5AM  | 6:58PM cst | 12 hrs 54 mins |
| 96 411 | 6: 3AM  | 6:59PM cst | 12 hrs 56 mins |
| 96 412 | 6: 2AM  | 7: 0PM cst | 12 hrs 58 mins |
| 96 413 | 6: 1AM  | 7: 1PM cst | 13 hrs 0 mins  |
| 96 414 | 5:59AM  | 7: 2PM cst | 13 hrs 2 mins  |
| 96 415 | 5:58AM  | 7: 2PM cst | 13 hrs 4 mins  |
| 96 416 | 5:57AM  | 7: 3PM cst | 13 hrs 7 mins  |
| 96 417 | 5:55AM  | 7: 4PM cst | 13 hrs 9 mins  |
| 96 418 | 5:54AM  | 7: 5PM cst | 13 hrs 11 mins |
| 96 419 | 5:53AM  | 7: 6PM cst | 13 hrs 13 mins |
| 96 420 | 5:52AM  | 7: 6PM cst | 13 hrs 15 mins |
| 96 421 | 5:50AM  | 7: 7PM cst | 13 hrs 17 mins |
| 96 422 | 5:49AM  | 7: 8PM cst | 13 hrs 19 mins |
| 96 423 | 5:48AM  | 7: 9PM cst | 13 hrs 21 mins |
| 96 424 | 5:47AM  | 7:10PM cst | 13 hrs 23 mins |
| 96 425 | 5:46AM  | 7:10PM cst | 13 hrs 25 mins |
| 96 426 | 5:45AM  | 7:11PM cst | 13 hrs 27 mins |
| 96 427 | 5:44AM  | 7:12PM cst | 13 hrs 28 mins |
| 96 428 | 5:42AM  | 7:13PM cst | 13 hrs 30 mins |
| 96 429 | 5:41AM  | 7:14PM cst | 13 hrs 32 mins |
| 96 430 | 5:40AM  | 7:14PM cst | 13 hrs 34 mins |

**TULSA**

| DATE   | SUNRISE | SUNSET     | DAYLIGHT       |
|--------|---------|------------|----------------|
| 96 4 1 | 6:10AM  | 6:45PM cst | 12 hrs 35 mins |
| 96 4 2 | 6: 8AM  | 6:46PM cst | 12 hrs 37 mins |
| 96 4 3 | 6: 7AM  | 6:47PM cst | 12 hrs 40 mins |
| 96 4 4 | 6: 6AM  | 6:47PM cst | 12 hrs 42 mins |
| 96 4 5 | 6: 4AM  | 6:48PM cst | 12 hrs 44 mins |
| 96 4 6 | 6: 3AM  | 6:49PM cst | 12 hrs 46 mins |
| 96 4 7 | 6: 1AM  | 6:50PM cst | 12 hrs 49 mins |
| 96 4 8 | 6: 0AM  | 6:51PM cst | 12 hrs 51 mins |
| 96 4 9 | 5:59AM  | 6:52PM cst | 12 hrs 53 mins |
| 96 410 | 5:57AM  | 6:52PM cst | 12 hrs 55 mins |
| 96 411 | 5:56AM  | 6:53PM cst | 12 hrs 57 mins |
| 96 412 | 5:54AM  | 6:54PM cst | 13 hrs 0 mins  |
| 96 413 | 5:53AM  | 6:55PM cst | 13 hrs 2 mins  |
| 96 414 | 5:52AM  | 6:56PM cst | 13 hrs 4 mins  |
| 96 415 | 5:50AM  | 6:57PM cst | 13 hrs 6 mins  |
| 96 416 | 5:49AM  | 6:57PM cst | 13 hrs 8 mins  |
| 96 417 | 5:48AM  | 6:58PM cst | 13 hrs 10 mins |
| 96 418 | 5:46AM  | 6:59PM cst | 13 hrs 13 mins |
| 96 419 | 5:45AM  | 7: 0PM cst | 13 hrs 15 mins |
| 96 420 | 5:44AM  | 7: 1PM cst | 13 hrs 17 mins |
| 96 421 | 5:43AM  | 7: 1PM cst | 13 hrs 19 mins |
| 96 422 | 5:41AM  | 7: 2PM cst | 13 hrs 21 mins |
| 96 423 | 5:40AM  | 7: 3PM cst | 13 hrs 23 mins |
| 96 424 | 5:39AM  | 7: 4PM cst | 13 hrs 25 mins |
| 96 425 | 5:38AM  | 7: 5PM cst | 13 hrs 27 mins |
| 96 426 | 5:37AM  | 7: 6PM cst | 13 hrs 29 mins |
| 96 427 | 5:35AM  | 7: 6PM cst | 13 hrs 31 mins |
| 96 428 | 5:34AM  | 7: 7PM cst | 13 hrs 33 mins |
| 96 429 | 5:33AM  | 7: 8PM cst | 13 hrs 35 mins |
| 96 430 | 5:32AM  | 7: 9PM cst | 13 hrs 37 mins |

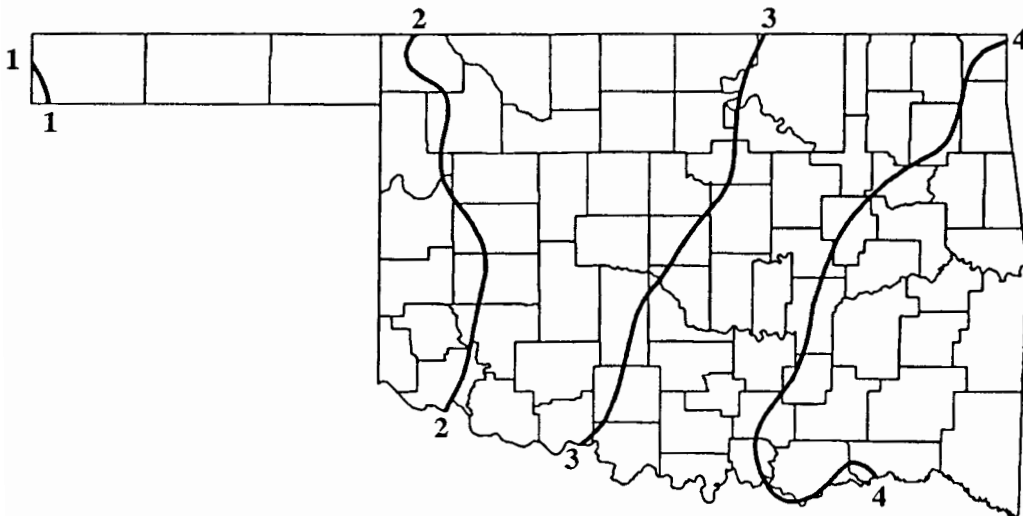


April Normal Daily Maximum Temperatures (°F)



April Normal Daily Minimum Temperatures (°F)





April Normal Monthly Precipitation (inches)

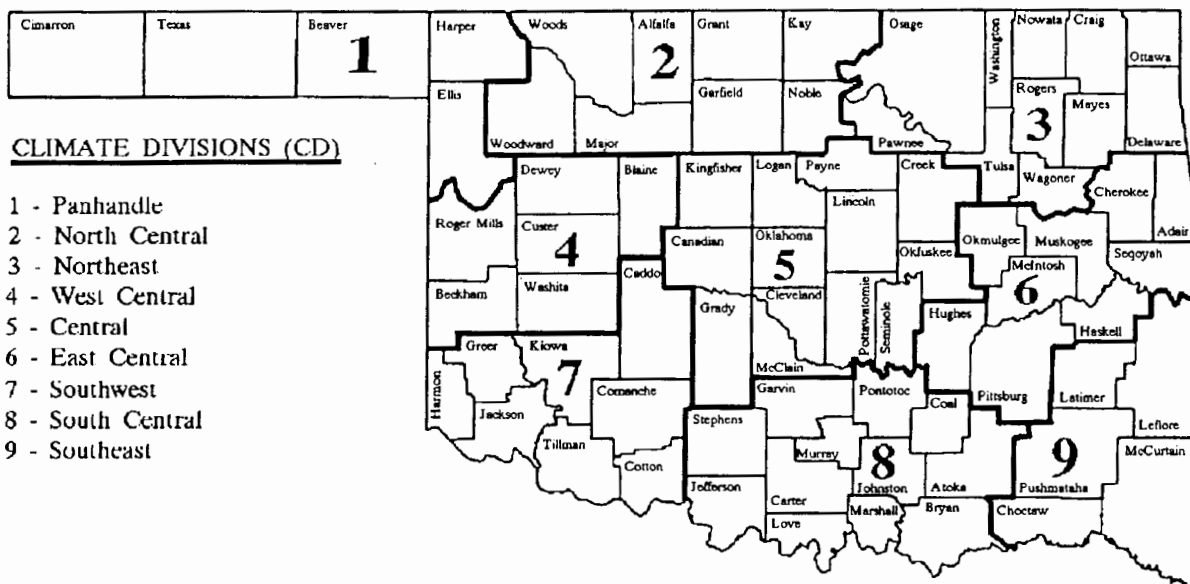
SEASONAL NATIONAL WEATHER SERVICE OUTLOOK

(April through June 1996)

Precipitation - Near Normal Statewide

Temperature - Near Normal Statewide

# OKLAHOMA



## 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.

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   | Actual  | Normal   | Actual  | Normal   | Actual  | Normal   | Actual   | Normal   | Actual  | Normal   | Actual  | Normal   | Actual  |
|--|---|--|---|--|---|--|--|--|---|--|---|--|---|
| 67.7<br>44.3<br>104<br>10<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 69.6<br>45.5<br>07<br>8<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 68.3<br>44.3<br>09<br>9<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 65.2<br>42.8<br>02<br>11<br>1  | max<br>min<br>ppt<br>hdd<br>cdd                        | 67.0<br>42.2<br>14<br>11<br>1  | max<br>min<br>ppt<br>hdd<br>cdd                       | 71.5<br>44.6<br>01<br>9<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 70.6<br>46.4<br>05<br>7<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       |
| Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 92-1946<br>45-1938<br>25-1899<br>68-1946<br>2-8-1905  | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 92-1993<br>43-1979<br>21-1975<br>66-1934<br>1-37-1919 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1893<br>38-1920<br>22-1891<br>66-1929<br>2-06-1906 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 94-1893<br>43-1899<br>26-1970<br>65-1878<br>3-39-1953  | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 95-1893<br>41-1899<br>26-1936<br>68-1967<br>1-24-1940 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 94-1893<br>38-1938<br>27-1938<br>68-1893<br>1-76-1942 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 94-1893<br>38-1938<br>27-1938<br>68-1893<br>1-76-1942 |
| 68.6<br>47.3<br>09<br>8<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 68.1<br>45.0<br>06<br>9<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 68.1<br>45.8<br>09<br>9<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 69.5<br>46.5<br>04<br>8<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                        | 69.3<br>46.9<br>09<br>8<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 68.8<br>46.1<br>10<br>9<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 71.1<br>46.2<br>08<br>8<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       |
| Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 88-1918<br>43-1975<br>20-1936<br>67-1946<br>99-1922   | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 90-1930<br>44-1973<br>25-1914<br>66-1927<br>2-91-1944 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 90-1972<br>47-1952<br>29-1940<br>66-1972<br>1-10-1974 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 100-1972<br>35-1957<br>20-1957<br>73-1972<br>3-11-1967 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 94-1972<br>43-1957<br>20-1957<br>65-1941<br>3-75-1910 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 92-1936<br>46-1928<br>27-1980<br>68-1972<br>1-27-1947 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 92-1936<br>46-1928<br>27-1980<br>68-1972<br>1-27-1947 |
| 71.8<br>47.9<br>05<br>6<br>1   | max<br>min<br>ppt<br>hdd<br>cdd                       | 73.8<br>49.4<br>10<br>5<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.2<br>51.2<br>09<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 73.1<br>51.9<br>11<br>5<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                        | 73.6<br>51.8<br>16<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 73.3<br>51.7<br>16<br>5<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.8<br>51.9<br>03<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       |
| Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 90-1940<br>51-1902<br>30-1928<br>66-1982<br>1-67-1947 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 92-1940<br>49-1905<br>31-1921<br>67-1896<br>1-08-1970 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 96-1925<br>47-1953<br>30-1953<br>66-1984<br>2-97-1942 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 94-1987<br>50-1918<br>33-1953<br>68-1948<br>2-92-1919  | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 91-1951<br>43-1918<br>33-1956<br>65-1985<br>2-07-1937 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 90-1945<br>45-1959<br>34-1966<br>70-1961<br>7-9-1899  | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 90-1945<br>45-1959<br>34-1966<br>70-1961<br>7-9-1899  |
| 75.6<br>52.8<br>14<br>4<br>3   | max<br>min<br>ppt<br>hdd<br>cdd                       | 75.0<br>52.9<br>08<br>4<br>3   | max<br>min<br>ppt<br>hdd<br>cdd                       | 75.7<br>51.9<br>08<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 73.9<br>52.6<br>10<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                        | 74.0<br>52.9<br>09<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.8<br>51.3<br>11<br>4<br>3   | max<br>min<br>ppt<br>hdd<br>cdd                       | 73.2<br>52.2<br>11<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       |
| Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 95-1955<br>45-1909<br>34-1959<br>68-1961<br>1-98-1915 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 89-1989<br>52-1931<br>33-1909<br>70-1989<br>96-1945   | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 91-1939<br>51-1919<br>35-1910<br>66-1893<br>2-04-1915 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 92-1896<br>50-1919<br>35-1907<br>68-1975<br>1-50-1953  | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 91-1959<br>51-1979<br>35-1920<br>69-1970<br>1-57-1897 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1902<br>50-1922<br>37-1979<br>70-1970<br>1-97-1960 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1902<br>50-1922<br>37-1979<br>70-1970<br>1-97-1960 |
| 75.0<br>52.7<br>22<br>3<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.2<br>53.3<br>19<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.2<br>53.3<br>19<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.2<br>53.3<br>19<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                        | 74.2<br>53.3<br>19<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.2<br>53.3<br>19<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       | 74.2<br>53.3<br>19<br>4<br>2   | max<br>min<br>ppt<br>hdd<br>cdd                       |
| Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 92-1936<br>52-1908<br>34-1908<br>68-1933<br>2-87-1974 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1948<br>50-1907<br>32-1907<br>68-1936<br>2-13-1970 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1948<br>50-1907<br>32-1907<br>68-1936<br>2-13-1970 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1948<br>50-1907<br>32-1907<br>68-1936<br>2-13-1970  | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1948<br>50-1907<br>32-1907<br>68-1936<br>2-13-1970 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1948<br>50-1907<br>32-1907<br>68-1936<br>2-13-1970 | Highest Max<br>Lowest Max<br>Lowest Min<br>Highest Min<br>Greatest ppt | 93-1948<br>50-1907<br>32-1907<br>68-1936<br>2-13-1970 |

APRIL AVERAGES  
 TEMPERATURE : 60.2°F  
 PRECIPITATION : 2.79"  
 HEATING DEGREE DAYS : 192  
 COOLING DEGREE DAYS : 49

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      |
|-------------------------------|---------------------------------|--------------|-------------|--------------------------------|---------------------------------|--------------|-------------|--------------------------------|---------------------------------|--------------|-------------|--------------------------------|---------------------------------|--------------|-------------|
| 68.0<br>45.0<br>0.7<br>9<br>1 | max<br>min<br>ppt<br>hdd<br>cdd | 94-1946      | Highest Max | 69.0<br>46.0<br>.12<br>8<br>1  | max<br>min<br>ppt<br>hdd<br>cdd | 89-1918      | Highest Max | 69.0<br>45.0<br>.13<br>8<br>1  | max<br>min<br>ppt<br>hdd<br>cdd | 88-1965      | Highest Max | 67.0<br>44.0<br>.08<br>11<br>1 | max<br>min<br>ppt<br>hdd<br>cdd | 90-1943      | Highest Max |
| Lowest Max                    | 44-1993                         | Lowest Max   | 41-1949     | Lowest Max                     | 46-1979                         | Lowest Max   | 46-1993     | Lowest Max                     | 46-1993                         | Lowest Max   | 46-1993     | Lowest Max                     | 46-1993                         | Lowest Max   | 50-1992     |
| Lowest Min                    | 28-1972                         | Lowest Min   | 22-1936     | Lowest Min                     | 23-1975                         | Lowest Min   | 27-1972     | Lowest Min                     | 27-1972                         | Lowest Min   | 27-1972     | Lowest Min                     | 27-1972                         | Lowest Min   | 29-1936     |
| Highest Min                   | 66-1967                         | Highest Min  | 65-1978     | Highest Min                    | 69-1981                         | Highest Min  | 60-1965     | Highest Min                    | 60-1965                         | Highest Min  | 60-1965     | Highest Min                    | 65-1967                         | Highest Min  | 65-1967     |
| Greatest ppt                  | 1.60-1988                       | Greatest ppt | 93-1956     | Greatest ppt                   | 1.25-1978                       | Greatest ppt | 4.40-1964   | Greatest ppt                   | 4.40-1964                       | Greatest ppt | 4.40-1964   | Greatest ppt                   | .08-1986                        | Greatest ppt | .08-1986    |
| Normal                        | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      |
| 70.0<br>47.0<br>0.5<br>8<br>1 | max<br>min<br>ppt<br>hdd<br>cdd | 88-1965      | Highest Max | 69.0<br>46.0<br>.09<br>9<br>1  | max<br>min<br>ppt<br>hdd<br>cdd | 90-1930      | Highest Max | 70.0<br>48.0<br>0.8<br>7<br>1  | max<br>min<br>ppt<br>hdd<br>cdd | 92-1927      | Highest Max | 69.0<br>47.0<br>1.0<br>8<br>1  | max<br>min<br>ppt<br>hdd<br>cdd | 96-1936      | Highest Max |
| Lowest Max                    | 47-1983                         | Lowest Max   | 43-1973     | Lowest Max                     | 43-1973                         | Lowest Max   | 49-1951     | Lowest Max                     | 49-1951                         | Lowest Max   | 49-1951     | Lowest Max                     | 45-1957                         | Lowest Max   | 45-1957     |
| Lowest Min                    | 29-1928                         | Lowest Min   | 24-1914     | Lowest Min                     | 24-1914                         | Lowest Min   | 30-1940     | Lowest Min                     | 30-1940                         | Lowest Min   | 30-1940     | Lowest Min                     | 22-1957                         | Lowest Min   | 22-1957     |
| Highest Min                   | 63-1978                         | Highest Min  | 64-1978     | Highest Min                    | 64-1978                         | Highest Min  | 68-1972     | Highest Min                    | 68-1972                         | Highest Min  | 68-1972     | Highest Min                    | 69-1972                         | Highest Min  | 69-1972     |
| Greatest ppt                  | 71-1961                         | Greatest ppt | 1.25-1949   | Greatest ppt                   | 1.25-1949                       | Greatest ppt | 1.70-1979   | Greatest ppt                   | 1.10-1992                       | Greatest ppt | 1.10-1992   | Greatest ppt                   | 1.72-1967                       | Greatest ppt | 1.39-1955   |
| Normal                        | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      |
| 72.0<br>48.0<br>1.1<br>6<br>1 | max<br>min<br>ppt<br>hdd<br>cdd | 93-1926      | Highest Max | 75.0<br>50.0<br>0.8<br>5<br>2  | max<br>min<br>ppt<br>hdd<br>cdd | 93-1982      | Highest Max | 73.0<br>53.0<br>0.16<br>4<br>2 | max<br>min<br>ppt<br>hdd<br>cdd | 98-1925      | Highest Max | 74.0<br>53.0<br>0.23<br>5<br>2 | max<br>min<br>ppt<br>hdd<br>cdd | 92-1963      | Highest Max |
| Lowest Max                    | 53-1993                         | Lowest Max   | 55-1961     | Lowest Max                     | 57-1961                         | Lowest Max   | 48-1953     | Lowest Max                     | 48-1953                         | Lowest Max   | 48-1953     | Lowest Max                     | 45-1965                         | Lowest Max   | 45-1965     |
| Lowest Min                    | 27-1928                         | Lowest Min   | 31-1953     | Lowest Min                     | 28-1921                         | Lowest Min   | 29-1953     | Lowest Min                     | 29-1953                         | Lowest Min   | 29-1953     | Lowest Min                     | 34-1953                         | Lowest Min   | 32-1953     |
| Highest Min                   | 68-1982                         | Highest Min  | 72-1963     | Highest Min                    | 70-1963                         | Highest Min  | 70-1963     | Highest Min                    | 70-1963                         | Highest Min  | 70-1963     | Highest Min                    | 71-1964                         | Highest Min  | 71-1964     |
| Greatest ppt                  | 2-48-1973                       | Greatest ppt | 1.39-1968   | Greatest ppt                   | 1.75-1953                       | Greatest ppt | 1.40-1970   | Greatest ppt                   | 1.40-1970                       | Greatest ppt | 1.40-1970   | Greatest ppt                   | 2.51-1976                       | Greatest ppt | 2.51-1976   |
| Normal                        | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      |
| 76.0<br>53.0<br>1.6<br>3<br>3 | max<br>min<br>ppt<br>hdd<br>cdd | 91-1965      | Highest Max | 76.0<br>54.0<br>1.1<br>3<br>3  | max<br>min<br>ppt<br>hdd<br>cdd | 93-1958      | Highest Max | 75.0<br>54.0<br>0.11<br>3<br>3 | max<br>min<br>ppt<br>hdd<br>cdd | 89-1939      | Highest Max | 75.0<br>54.0<br>0.09<br>3<br>3 | max<br>min<br>ppt<br>hdd<br>cdd | 92-1966      | Highest Max |
| Lowest Max                    | 52-1984                         | Lowest Max   | 57-1956     | Lowest Max                     | 58-1953                         | Lowest Max   | 57-1967     | Lowest Max                     | 57-1967                         | Lowest Max   | 57-1967     | Lowest Max                     | 55-1980                         | Lowest Max   | 55-1980     |
| Lowest Min                    | 32-1931                         | Lowest Min   | 36-1909     | Lowest Min                     | 37-1909                         | Lowest Min   | 36-1910     | Lowest Min                     | 36-1910                         | Lowest Min   | 36-1910     | Lowest Min                     | 35-1910                         | Lowest Min   | 36-1920     |
| Highest Min                   | 69-1961                         | Highest Min  | 69-1989     | Highest Min                    | 71-1989                         | Highest Min  | 68-1984     | Highest Min                    | 68-1984                         | Highest Min  | 68-1984     | Highest Min                    | 70-1975                         | Highest Min  | 70-1989     |
| Greatest ppt                  | 1.39-1985                       | Greatest ppt | 3.22-1953   | Greatest ppt                   | 3.22-1953                       | Greatest ppt | 1.14-1980   | Greatest ppt                   | 1.14-1980                       | Greatest ppt | 1.14-1980   | Greatest ppt                   | .75-1990                        | Greatest ppt | 1.85-1985   |
| Normal                        | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      | Normal                         | Actual                          | Normal       | Actual      |
| 76.0<br>54.0<br>1.1<br>3<br>2 | max<br>min<br>ppt<br>hdd<br>cdd | 92-1987      | Highest Max | 75.0<br>55.0<br>0.33<br>3<br>3 | max<br>min<br>ppt<br>hdd<br>cdd | 91-1987      | Highest Max | 76.0<br>53.0<br>0.12<br>3<br>2 | max<br>min<br>ppt<br>hdd<br>cdd | 94-1965      | Highest Max | 74.0<br>53.0<br>0.12<br>3<br>2 | max<br>min<br>ppt<br>hdd<br>cdd | 92-1970      | Highest Max |
| Lowest Max                    | 57-1971                         | Lowest Max   | 56-1950     | Lowest Max                     | 56-1950                         | Lowest Max   | 57-1967     | Lowest Max                     | 57-1967                         | Lowest Max   | 57-1967     | Lowest Max                     | 61-1979                         | Lowest Max   | 53-1992     |
| Lowest Min                    | 38-1969                         | Lowest Min   | 35-1908     | Lowest Min                     | 35-1908                         | Lowest Min   | 36-1910     | Lowest Min                     | 36-1910                         | Lowest Min   | 36-1910     | Lowest Min                     | 36-1920                         | Lowest Min   | 37-1965     |
| Highest Min                   | 65-1985                         | Highest Min  | 69-1987     | Highest Min                    | 69-1987                         | Highest Min  | 68-1984     | Highest Min                    | 68-1984                         | Highest Min  | 68-1984     | Highest Min                    | 70-1989                         | Highest Min  | 71-1970     |
| Greatest ppt                  | 1.70-1974                       | Greatest ppt | 3.00-1970   | Greatest ppt                   | 3.00-1970                       | Greatest ppt | 1.14-1980   | Greatest ppt                   | 1.14-1980                       | Greatest ppt | 1.14-1980   | Greatest ppt                   | 1.85-1985                       | Greatest ppt | 1.45-1960   |

APRIL AVERAGES

TEMPERATURE : 61.0°F

PRECIPITATION : 3.63"

HEATING DEGREE DAYS : 174

COOLING DEGREE DAYS : 56

Oklahoma Climatological Survey  
University of Oklahoma  
100 East Boyd, Suite 1210  
Norman, OK 73019-0628

Nonprofit Org.  
U.S. Postage  
PAID  
Norman, Okla.  
Permit No. 88