# WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration, National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service and World Agricultural Outlook Board

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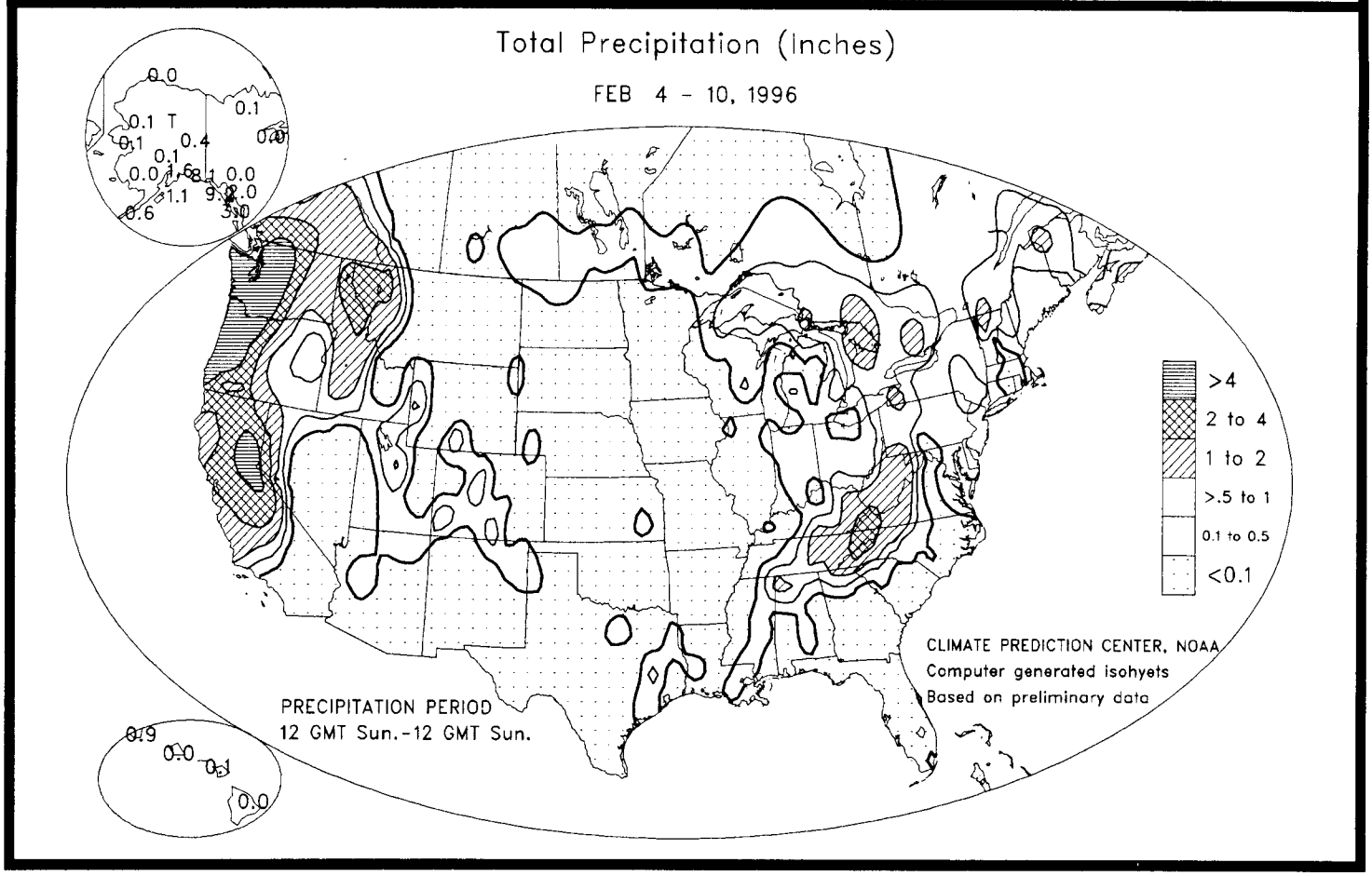


# HIGHLIGHTS

## February 4 - 10, 1996

Arctic air eroded rapidly from the **Plains eastward**, but not before setting nearly 200 additional daily-record lows between Sunday and Tuesday and delivering the season's most severe freeze to **Peninsular Florida** on February 5. Meanwhile, Pacific warmth and moisture overspread the **Northwest**, sparking rain- and snowmelt-induced flooding. From midweek onward, more than 75 daily-record highs were set from the **West Coast** to the **Plains**. In winter wheat areas, the return to warmth produced 1-week temperature swings of 70 to 105°F and melted protective snow cover from the **northern Plains** and **Northwest**. Dry, breezy weather brought additional stress to wheat in the **central and southern Plains**, where precipitation since October 1, 1995, has averaged 25 to 50 percent of normal.

*(Continued on back cover)*

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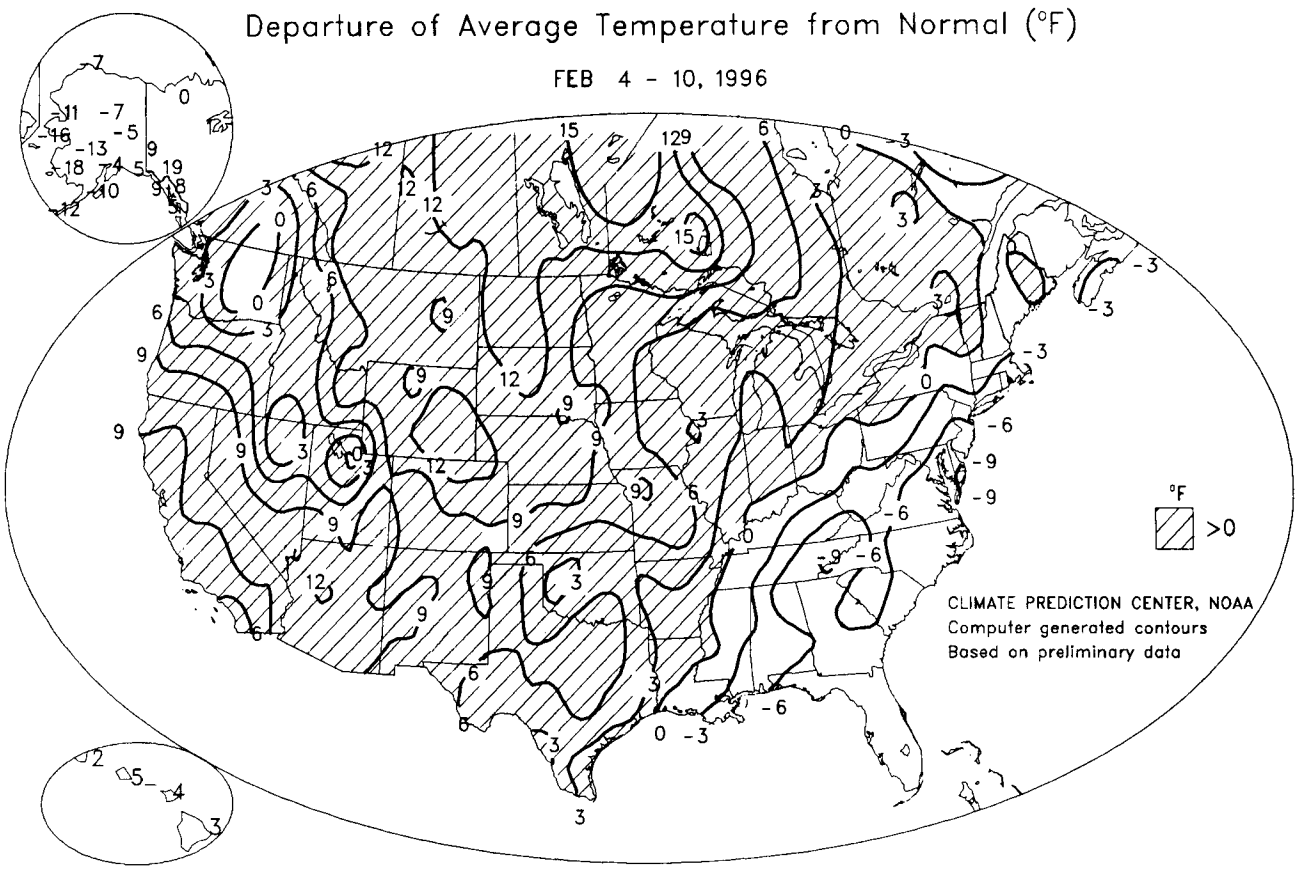
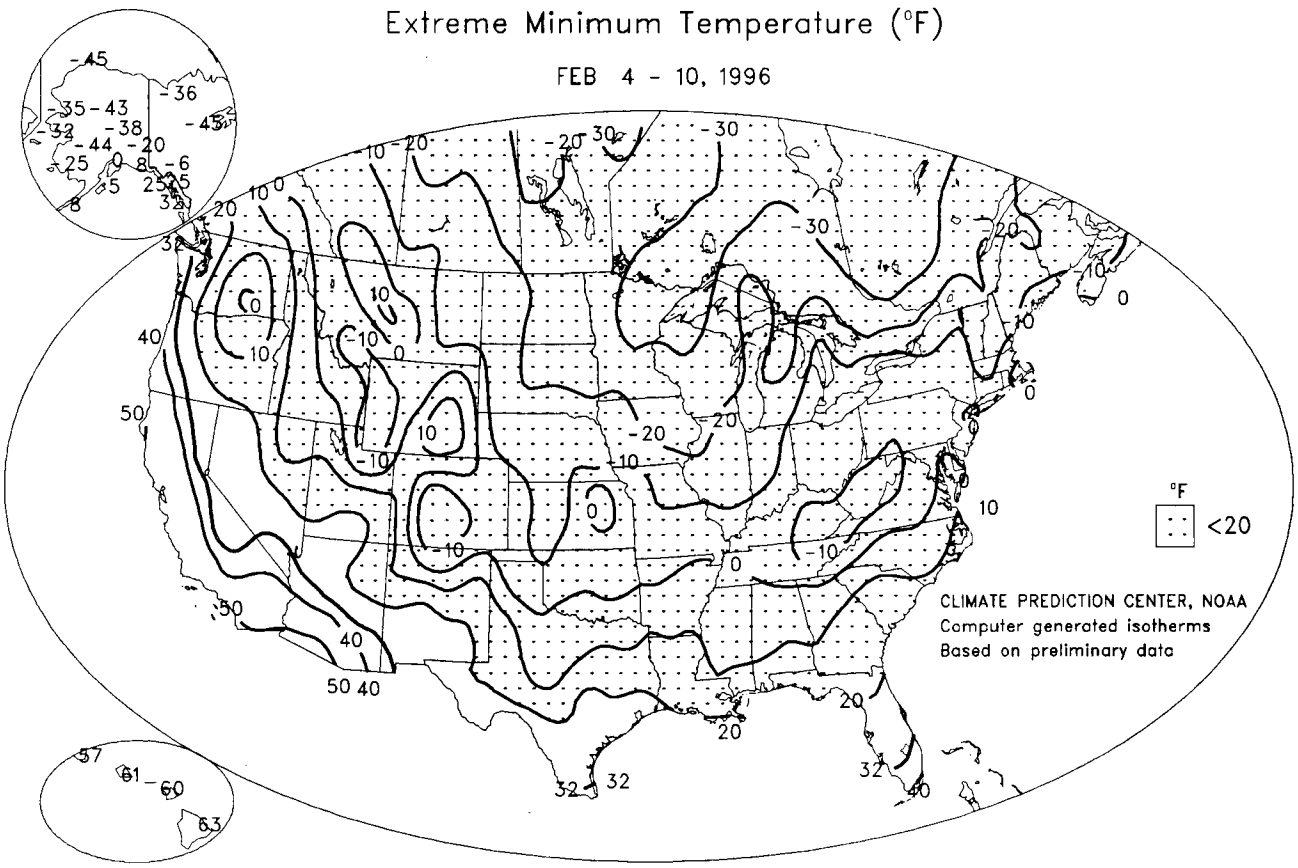

Departure of Average Temperature from Normal (°F)
FEB 4 - 10, 1996
°F
>0
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data


Extreme Minimum Temperature (°F)
FEB 4 - 10, 1996
°F
<20
CLIMATE PREDICTION CENTER, NOAA
Computer generated isotherms
Based on preliminary data

# National Weather Data for Selected Cities

## Weather Data for the Week Ending February 10, 1996

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY, PERCENT | | NUMBER OF DAYS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | TEMP. °F | | PRECIP. | |
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE Dec 1 | PCT. NORMAL SINCE Dec 1 | TOTAL, IN., SINCE Jan 1 | PCT. NORMAL SINCE Jan 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM | 50 | 27 | 70 | 4 | 38 | -5 | 0.00 | -1.13 | 0.00 | 16.11 | 136 | 11.34 | 169 | 88 | 48 | 0 | 4 | 0 | 0 |
| MOBILE | 58 | 35 | 74 | 11 | 46 | -5 | 0.00 | -1.29 | 0.00 | 16.67 | 140 | 7.81 | 119 | 88 | 36 | 0 | 3 | 0 | 0 |
| MONTGOMERY | 54 | 29 | 73 | 10 | 42 | -4 | 0.00 | -1.26 | 0.00 | 14.61 | 123 | 8.43 | 125 | 85 | 38 | 0 | 4 | 0 | 0 |
| AK ANCHORAGE | 19 | 8 | 28 | 0 | 14 | -4 | 1.56 | 1.37 | 0.58 | 1.76 | 81 | 1.67 | 158 | 87 | 73 | 0 | 7 | 6 | 2 |
| BARROW | -17 | -31 | -11 | -45 | -24 | -7 | 0.00 | -0.03 | 0.00 | 0.06 | 21 | 0.00 | 0 | 77 | 70 | 0 | 7 | 0 | 0 |
| FAIRBANKS | -3 | -21 | 4 | -38 | -12 | -5 | 0.40 | 0.29 | 0.32 | 0.81 | 56 | 0.74 | 119 | 78 | 68 | 0 | 7 | 4 | 0 |
| JUNEAU | 39 | 32 | 40 | 25 | 35 | 8 | 1.95 | 0.97 | 0.68 | 7.57 | 73 | 3.52 | 59 | 97 | 77 | 0 | 3 | 5 | 2 |
| KODIAK | 26 | 16 | 30 | 5 | 21 | -10 | 1.10 | -0.33 | 0.24 | 15.67 | 96 | 4.24 | 45 | 87 | 58 | 0 | 7 | 7 | 0 |
| NOME | -3 | -20 | 6 | -32 | -12 | -16 | 0.09 | -0.08 | 0.07 | 1.59 | 84 | 1.00 | 96 | 71 | 52 | 0 | 7 | 2 | 0 |
| AZ PHOENIX | 80 | 52 | 84 | 45 | 66 | 9 | 0.00 | -0.17 | 0.00 | 0.76 | 41 | 0.75 | 84 | 64 | 18 | 0 | 0 | 0 | 0 |
| PRESCOTT | 69 | 34 | 75 | 28 | 52 | 13 | 0.00 | -0.36 | 0.00 | 0.49 | 13 | 0.32 | 16 | 67 | 19 | 0 | 1 | 0 | 0 |
| TUCSON | 78 | 47 | 82 | 42 | 63 | 9 | 0.00 | -0.17 | 0.00 | 0.50 | 23 | 0.28 | 25 | 68 | 19 | 0 | 0 | 0 | 0 |
| YUMA | 83 | 57 | 88 | 52 | 70 | 11 | 0.00 | -0.06 | 0.00 | 0.18 | 20 | 0.16 | 38 | 54 | 21 | 0 | 0 | 0 | 0 |
| AR FORT SMITH | 57 | 27 | 76 | 3 | 42 | 2 | 0.00 | -0.56 | 0.00 | 7.23 | 126 | 3.07 | 114 | 85 | 43 | 0 | 3 | 0 | 0 |
| LITTLE ROCK | -- | -- | -- | -- | -- | -- | 0.00 | -0.81 | 0.00 | 6.59 | 82 | 2.61 | 60 | -- | -- | - | - | - | - |
| CA BAKERSFIELD | 67 | 51 | 75 | 46 | 59 | 7 | 0.24 | -0.01 | 0.24 | 3.35 | 183 | 1.32 | 109 | 99 | 71 | 0 | 0 | 1 | 0 |
| EUREKA | 65 | 55 | 70 | 50 | 60 | 11 | 0.78 | -0.41 | 0.38 | 23.11 | 168 | 11.53 | 149 | 86 | 53 | 0 | 0 | 4 | 0 |
| FRESNO | 66 | 51 | 71 | 45 | 58 | 8 | 0.99 | 0.55 | 0.63 | 4.85 | 121 | 2.99 | 115 | 97 | 46 | 0 | 0 | 2 | 1 |
| LOS ANGELES | 71 | 55 | 85 | 52 | 63 | 5 | 0.00 | -0.63 | 0.00 | 4.35 | 88 | 2.18 | 66 | 91 | 36 | 0 | 0 | 0 | 0 |
| REDDING | 64 | 48 | 66 | 44 | 56 | 6 | 2.19 | 1.02 | 2.12 | 23.00 | 174 | 12.19 | 157 | 96 | 60 | 0 | 0 | 2 | 1 |
| SACRAMENTO | 66 | 52 | 71 | 48 | 59 | 9 | 2.23 | 1.47 | 1.66 | 10.72 | 146 | 5.58 | 115 | 98 | 64 | 0 | 0 | 2 | 1 |
| SAN DIEGO | 68 | 54 | 77 | 51 | 61 | 3 | 0.00 | -0.39 | 0.00 | 1.81 | 46 | 0.93 | 39 | 91 | 42 | 0 | 0 | 0 | 0 |
| SAN FRANCISCO | 63 | 52 | 65 | 50 | 58 | 6 | 1.21 | 0.37 | 1.19 | 14.89 | 172 | 8.47 | 152 | 98 | 53 | 0 | 0 | 2 | 1 |
| CO DENVER | 61 | 27 | 69 | -5 | 44 | 11 | 0.00 | -0.11 | 0.00 | 0.31 | 24 | 0.28 | 43 | 64 | 22 | 0 | 4 | 0 | 0 |
| GRAND JUNCTION | 54 | 28 | 60 | 12 | 41 | 7 | 0.00 | -0.11 | 0.00 | 1.26 | 93 | 0.71 | 106 | 82 | 33 | 0 | 6 | 0 | 0 |
| PUEBLO | 61 | 20 | 78 | -14 | 41 | 7 | 0.00 | -0.06 | 0.00 | 0.23 | 28 | 0.23 | 58 | 71 | 28 | 0 | 6 | 0 | 0 |
| CT BRIDGEPORT | 32 | 18 | 47 | 2 | 25 | -4 | 0.33 | -0.40 | 0.33 | 8.11 | 104 | 6.17 | 144 | 77 | 47 | 0 | 5 | 1 | 0 |
| HARTFORD | 31 | 13 | 44 | -13 | 22 | -4 | 0.14 | -0.66 | 0.14 | 10.10 | 119 | 7.78 | 171 | 78 | 46 | 0 | 5 | 1 | 0 |
| DC WASHINGTON | 36 | 21 | 50 | 5 | 29 | -7 | 0.29 | -0.37 | 0.20 | 8.22 | 121 | 6.05 | 165 | 82 | 51 | 0 | 4 | 2 | 0 |
| FL PANAMA CITY | 56 | 34 | 67 | 15 | 45 | -7 | 0.00 | -1.29 | 0.00 | 5.76 | 50 | 3.56 | 51 | 91 | 53 | 0 | 4 | 0 | 0 |
| DAYTONA BEACH | 62 | 39 | 75 | 26 | 51 | -7 | 0.00 | -0.77 | 0.00 | 9.68 | 151 | 6.24 | 162 | 95 | 47 | 0 | 2 | 0 | 0 |
| JACKSONVILLE | 61 | 33 | 77 | 19 | 47 | -9 | 0.00 | -0.95 | 0.00 | 3.84 | 52 | 1.65 | 37 | 90 | 39 | 0 | 4 | 0 | 0 |
| KEY WEST | 69 | 55 | 76 | 45 | 62 | -8 | 0.00 | -0.47 | 0.00 | 3.99 | 85 | 1.06 | 39 | 79 | 53 | 0 | 0 | 0 | 0 |
| MIAMI | 71 | 50 | 80 | 37 | 60 | -8 | 0.00 | -0.50 | 0.00 | 3.46 | 75 | 2.61 | 95 | 82 | 45 | 0 | 0 | 0 | 0 |
| ORLANDO | 66 | 41 | 76 | 26 | 53 | -7 | 0.00 | -0.71 | 0.00 | 7.57 | 139 | 6.82 | 207 | 87 | 46 | 0 | 2 | 0 | 0 |
| TALLAHASSEE | 60 | 30 | 76 | 16 | 45 | -7 | 0.00 | -1.31 | 0.00 | 7.87 | 67 | 4.09 | 62 | 86 | 37 | 0 | 4 | 0 | 0 |
| TAMPA | 64 | 41 | 71 | 25 | 52 | -8 | 0.00 | -0.72 | 0.00 | 7.20 | 140 | 6.18 | 207 | 82 | 43 | 0 | 2 | 0 | 0 |
| WEST PALM BEACH | 69 | 48 | 79 | 33 | 58 | -8 | 0.03 | -0.68 | 0.03 | 3.42 | 59 | 1.85 | 53 | 84 | 47 | 0 | 0 | 1 | 0 |
| GA ATLANTA | 50 | 28 | 73 | 6 | 39 | -4 | 0.02 | -1.14 | 0.02 | 14.56 | 136 | 11.00 | 172 | 82 | 39 | 0 | 4 | 1 | 0 |
| AUGUSTA | 55 | 23 | 74 | 11 | 39 | -6 | 0.01 | -1.03 | 0.01 | 8.83 | 99 | 4.30 | 78 | 89 | 31 | 0 | 6 | 1 | 0 |
| MACON | 56 | 26 | 74 | 10 | 41 | -6 | 0.00 | -1.17 | 0.00 | 8.81 | 84 | 6.45 | 104 | 85 | 33 | 0 | 4 | 0 | 0 |
| SAVANNAH | 58 | 32 | 75 | 18 | 45 | -5 | 0.02 | -0.78 | 0.02 | 3.76 | 49 | 2.87 | 61 | 90 | 42 | 0 | 4 | 1 | 0 |
| HI HILO | 84 | 64 | 85 | 63 | 74 | 3 | 0.00 | -2.41 | 0.00 | 18.39 | 73 | 14.29 | 108 | 84 | 58 | 0 | 0 | 0 | 0 |
| HONOLULU | 85 | 71 | 87 | 61 | 78 | 5 | 0.00 | -0.60 | 0.00 | 3.54 | 43 | 3.54 | 80 | 87 | 61 | 0 | 0 | 0 | 0 |
| KAHULUI | 84 | 66 | 88 | 60 | 75 | 4 | 0.14 | -0.63 | 0.14 | 4.75 | 56 | 2.62 | 50 | 88 | 62 | 0 | 0 | 1 | 0 |
| LIHUE | 80 | 66 | 83 | 57 | 73 | 2 | 0.87 | -0.03 | 0.40 | 12.80 | 103 | 6.03 | 83 | 88 | 60 | 0 | 0 | 3 | 0 |
| ID BOISE | 45 | 31 | 54 | 10 | 38 | 4 | 0.46 | 0.18 | 0.24 | 3.90 | 122 | 1.76 | 96 | 88 | 51 | 0 | 4 | 3 | 0 |
| LEWISTON | 48 | 33 | 56 | 14 | 40 | 3 | 0.87 | 0.64 | 0.66 | 3.50 | 123 | 2.24 | 138 | 92 | 57 | 0 | 3 | 4 | 1 |
| POCATELLO | 45 | 28 | 57 | -2 | 36 | 9 | 0.14 | -0.08 | 0.14 | 3.27 | 133 | 1.30 | 96 | 81 | 52 | 0 | 3 | 1 | 0 |
| IL CHICAGO | 35 | 17 | 53 | -14 | 26 | 3 | 0.02 | -0.28 | 0.02 | 2.19 | 50 | 1.59 | 82 | 85 | 60 | 0 | 5 | 1 | 0 |
| MOLINE | 35 | 14 | 50 | -24 | 25 | 2 | 0.00 | -0.25 | 0.00 | 2.80 | 68 | 2.32 | 122 | 86 | 58 | 0 | 5 | 0 | 0 |
| PEORIA | 40 | 17 | 54 | -14 | 28 | 5 | 0.07 | -0.23 | 0.07 | 1.84 | 42 | 1.53 | 79 | 87 | 57 | 0 | 5 | 1 | 0 |
| QUINCY | 42 | 21 | 56 | -14 | 31 | 5 | 0.00 | -0.29 | 0.00 | 2.63 | 64 | 2.40 | 136 | 86 | 52 | 0 | 4 | 0 | 0 |
| ROCKFORD | 32 | 14 | 49 | -19 | 23 | 3 | 0.00 | -0.25 | 0.00 | 1.87 | 51 | 1.40 | 85 | 94 | 68 | 0 | 5 | 0 | 0 |
| SPRINGFIELD | 42 | 18 | 60 | -19 | 30 | 4 | 0.00 | -0.37 | 0.00 | 2.81 | 59 | 1.48 | 73 | 85 | 60 | 0 | 4 | 0 | 0 |
| IN EVANSVILLE | 43 | 21 | 68 | -7 | 32 | -2 | 0.00 | -0.76 | 0.00 | 6.70 | 85 | 3.52 | 86 | 85 | 56 | 0 | 4 | 0 | 0 |
| FORT WAYNE | 37 | 17 | 59 | -9 | 27 | 4 | 0.16 | -0.27 | 0.14 | 3.92 | 73 | 2.68 | 108 | 87 | 59 | 0 | 5 | 2 | 0 |
| INDIANAPOLIS | 38 | 17 | 62 | -12 | 28 | 0 | 0.16 | -0.39 | 0.16 | 6.97 | 108 | 4.26 | 138 | 89 | 64 | 0 | 5 | 1 | 0 |
| SOUTH BEND | 35 | 16 | 57 | -13 | 26 | 1 | 0.27 | -0.17 | 0.20 | 3.81 | 62 | 1.93 | 68 | 85 | 62 | 0 | 6 | 2 | 0 |
| IA DES MOINES | 37 | 17 | 53 | -20 | 27 | 5 | 0.00 | -0.21 | 0.00 | 2.99 | 114 | 2.99 | 239 | 84 | 55 | 0 | 4 | 0 | 0 |
| SIOUX CITY | 42 | 19 | 58 | -15 | 30 | 9 | 0.00 | -0.12 | 0.00 | 1.42 | 96 | 1.10 | 157 | 87 | 52 | 0 | 6 | 0 | 0 |
| WATERLOO | 32 | 10 | 45 | -25 | 21 | 4 | 0.00 | -0.21 | 0.00 | 2.31 | 97 | 2.15 | 197 | 90 | 64 | 0 | 6 | 0 | 0 |
| KS CONCORDIA | 53 | 25 | 70 | -3 | 39 | 10 | 0.00 | -0.12 | 0.00 | 0.81 | 52 | 0.55 | 75 | 71 | 37 | 0 | 3 | 0 | 0 |
| DODGE CITY | 57 | 24 | 74 | -8 | 41 | 8 | 0.00 | -0.11 | 0.00 | 1.04 | 80 | 0.44 | 68 | 73 | 33 | 0 | 5 | 0 | 0 |
| GOODLAND | 59 | 24 | 76 | -3 | 41 | 11 | 0.00 | -0.06 | 0.00 | 0.50 | 57 | 0.35 | 76 | 73 | 29 | 0 | 5 | 0 | 0 |
| TOPEKA | 51 | 22 | 69 | -5 | 36 | 7 | 0.00 | -0.20 | 0.00 | 1.34 | 50 | 0.75 | 61 | 77 | 37 | 0 | 6 | 0 | 0 |
| WICHITA | 53 | 22 | 71 | -7 | 37 | 4 | 0.00 | -0.20 | 0.00 | 0.71 | 28 | 0.08 | 7 | 83 | 38 | 0 | 6 | 0 | 0 |
| KY BOWLING GREEN | 44 | 21 | 69 | -4 | 33 | -2 | 0.07 | -0.90 | 0.05 | 8.53 | 83 | 6.17 | 119 | 89 | 49 | 0 | 6 | 2 | 0 |
| LEXINGTON | 39 | 20 | 66 | -10 | 29 | -3 | 0.20 | -0.53 | 0.20 | 7.54 | 96 | 4.82 | 124 | 83 | 54 | 0 | 4 | 1 | 0 |
| LOUISVILLE | 42 | 23 | 68 | -5 | 33 | -1 | 0.11 | -0.63 | 0.11 | 7.86 | 104 | 4.56 | 116 | 82 | 49 | 0 | 3 | 1 | 0 |
| LA BATON ROUGE | 60 | 37 | 76 | 15 | 49 | -3 | 0.00 | -1.39 | 0.00 | 10.50 | 84 | 5.20 | 75 | 94 | 55 | 0 | 2 | 0 | 0 |
| LAKE CHARLES | 62 | 41 | 74 | 17 | 51 | -1 | 0.00 | -0.94 | 0.00 | 9.40 | 86 | 2.95 | 50 | 92 | 66 | 0 | 2 | 0 | 0 |
| NEW ORLEANS | 61 | 38 | 77 | 16 | 50 | -3 | 0.00 | -1.50 | 0.00 | 10.68 | 82 | 5.60 | 78 | 90 | 35 | 0 | 3 | 0 | 0 |
| SHREVEPORT | 61 | 41 | 77 | 14 | 51 | 4 | 0.06 | -0.99 | 0.06 | 7.46 | 71 | 2.28 | 40 | 91 | 53 | 0 | 2 | 1 | 0 |

Based on 1961-90 normals.

## Weather Data for the Week Ending February 10, 1996

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY, PERCENT | | NUMBER OF DAYS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | TEMP. °F | | PRECIP. | |
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE Dec 1 | PCT. NORMAL SINCE Dec 1 | TOTAL, IN., SINCE Jan 1 | PCT. NORMAL SINCE Jan 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| ME CARIBOU | 19 | 0 | 34 | -23 | 9 | 0 | 0.87 | 0.40 | 0.70 | 6.73 | 106 | 4.93 | 159 | 85 | 65 | 0 | 7 | 4 | 1 |
| PORTLAND | 29 | 10 | 45 | -12 | 20 | -2 | 0.21 | -0.62 | 0.13 | 9.66 | 104 | 5.52 | 117 | 79 | 44 | 0 | 6 | 2 | 0 |
| MD BALTIMORE | 36 | 18 | 50 | -1 | 27 | -6 | 0.20 | -0.57 | 0.18 | 10.40 | 138 | 7.72 | 186 | 80 | 56 | 0 | 4 | 2 | 0 |
| SALISBURY | 36 | 15 | 52 | -2 | 26 | -10 | 0.23 | -0.60 | 0.18 | 8.24 | 97 | 5.55 | 115 | 91 | 47 | 0 | 5 | 2 | 0 |
| MA BOSTON | 32 | 20 | 47 | 4 | 26 | -3 | 0.18 | -0.72 | 0.17 | 11.07 | 125 | 7.89 | 162 | 69 | 42 | 0 | 5 | 2 | 0 |
| CHATHAM | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | - | - | - | - |
| MI ALPENA | 28 | 13 | 39 | -23 | 20 | 4 | 0.53 | 0.23 | 0.26 | 3.30 | 80 | 1.94 | 94 | 88 | 64 | 0 | 6 | 3 | 0 |
| DETROIT | 35 | 19 | 55 | -5 | 27 | 3 | 0.11 | -0.29 | 0.11 | 2.83 | 55 | 1.96 | 84 | 85 | 57 | 0 | 4 | 1 | 0 |
| FLINT | 33 | 16 | 53 | -10 | 25 | 3 | 0.20 | -0.08 | 0.20 | 3.44 | 88 | 2.29 | 128 | 88 | 63 | 0 | 5 | 1 | 0 |
| GRAND RAPIDS | 33 | 15 | 51 | -17 | 24 | 2 | 0.20 | -0.13 | 0.16 | 2.92 | 57 | 1.38 | 60 | 90 | 67 | 0 | 6 | 2 | 0 |
| HOUGHTON LAKE | 30 | 11 | 47 | -28 | 20 | 4 | 0.45 | 0.17 | 0.25 | 3.61 | 94 | 2.22 | 117 | 87 | 63 | 0 | 5 | 5 | 0 |
| LANSING | 34 | 17 | 53 | -11 | 25 | 6 | 0.07 | -0.21 | 0.07 | 1.94 | 50 | 0.87 | 47 | 91 | 62 | 0 | 6 | 1 | 0 |
| MARQUETTE | 27 | 7 | 46 | -31 | 17 | 5 | 0.85 | 0.44 | 0.63 | 8.57 | 160 | 6.09 | 221 | 84 | 53 | 0 | 7 | 3 | 1 |
| MUSKEGON | 31 | 16 | 43 | -19 | 24 | 1 | 0.42 | 0.06 | 0.34 | 3.90 | 66 | 2.01 | 70 | 91 | 68 | 0 | 6 | 3 | 0 |
| SAULT ST. MARIE | 24 | 8 | 35 | -21 | 16 | 4 | 0.97 | 0.53 | 0.73 | 11.32 | 191 | 5.06 | 165 | 93 | 66 | 0 | 7 | 4 | 1 |
| MN ALEXANDRIA | 28 | 7 | 41 | -28 | 17 | 7 | 0.16 | 0.02 | 0.16 | 2.85 | 153 | 2.13 | 184 | 90 | 67 | 0 | 7 | 1 | 0 |
| DULUTH | 27 | 7 | 45 | -29 | 17 | 7 | 0.12 | -0.05 | 0.08 | 3.02 | 110 | 1.48 | 100 | 83 | 53 | 0 | 7 | 3 | 0 |
| INT'L FALLS | 26 | 3 | 41 | -35 | 14 | 10 | 0.17 | 0.02 | 0.08 | 3.22 | 163 | 1.96 | 177 | 86 | 66 | 0 | 7 | 4 | 0 |
| MINNEAPOLIS | 31 | 11 | 42 | -23 | 21 | 6 | 0.09 | -0.10 | 0.06 | 3.10 | 136 | 1.95 | 163 | 85 | 58 | 0 | 7 | 3 | 0 |
| ROCHESTER | 27 | 9 | 39 | -24 | 18 | 4 | 0.10 | -0.05 | 0.08 | 2.75 | 136 | 2.12 | 214 | 87 | 69 | 0 | 7 | 2 | 0 |
| MS GREENWOOD | 53 | 36 | 72 | 7 | 45 | 0 | 0.00 | -1.07 | 0.00 | 10.54 | 86 | 4.75 | 74 | 87 | 57 | 0 | 3 | 0 | 0 |
| JACKSON | 56 | 37 | 73 | 10 | 46 | 1 | 0.00 | -1.16 | 0.00 | 15.28 | 114 | 9.84 | 137 | 83 | 48 | 0 | 2 | 0 | 0 |
| MERIDIAN | 55 | 31 | 74 | 8 | 43 | -4 | 0.00 | -1.28 | 0.00 | 10.69 | 82 | 7.77 | 111 | 92 | 52 | 0 | 3 | 0 | 0 |
| MO CAPE GIRARDEAU | 47 | 23 | 68 | -8 | 35 | 1 | 0.00 | -0.73 | 0.00 | 7.29 | 87 | 3.62 | 92 | 90 | 51 | 0 | 4 | 0 | 0 |
| COLUMBIA | 48 | 23 | 64 | -9 | 36 | 7 | 0.00 | -0.38 | 0.00 | 4.53 | 97 | 2.91 | 143 | 83 | 42 | 0 | 4 | 0 | 0 |
| KANSAS CITY | 47 | 24 | 64 | -7 | 36 | 7 | 0.00 | -0.22 | 0.00 | 1.46 | 49 | 1.10 | 78 | 78 | 44 | 0 | 3 | 0 | 0 |
| SAINT LOUIS | 50 | 25 | 68 | -7 | 37 | 5 | 0.00 | -0.45 | 0.00 | 6.13 | 112 | 3.28 | 135 | 77 | 41 | 0 | 4 | 0 | 0 |
| SPRINGFIELD | 52 | 23 | 69 | -8 | 37 | 4 | 0.00 | -0.40 | 0.00 | 6.18 | 125 | 3.70 | 164 | 88 | 47 | 0 | 4 | 0 | 0 |
| MT BILLINGS | 51 | 29 | 70 | 15 | 40 | 13 | 0.04 | -0.12 | 0.04 | 1.22 | 63 | 0.87 | 76 | 72 | 37 | 0 | 4 | 1 | 0 |
| GLASGOW | 33 | 11 | 46 | -20 | 22 | 7 | 0.00 | -0.06 | 0.00 | 0.88 | 106 | 0.50 | 109 | 89 | 64 | 0 | 7 | 0 | 0 |
| GREAT FALLS | 47 | 30 | 59 | 16 | 38 | 13 | 0.00 | -0.14 | 0.00 | 0.59 | 30 | 0.47 | 42 | 78 | 44 | 0 | 4 | 0 | 0 |
| HAVRE | 40 | 17 | 51 | -19 | 28 | 10 | 0.00 | -0.08 | 0.00 | 1.34 | 112 | 0.83 | 126 | 81 | 62 | 0 | 6 | 0 | 0 |
| HELENA | 42 | 16 | 54 | -11 | 29 | 4 | 0.03 | -0.08 | 0.03 | 0.93 | 67 | 0.58 | 73 | 86 | 57 | 0 | 6 | 1 | 0 |
| KALISPELL | 36 | 20 | 47 | -7 | 28 | 3 | 1.71 | 1.41 | 1.09 | 6.43 | 175 | 4.23 | 216 | 93 | 64 | 0 | 5 | 5 | 1 |
| MILES CITY | 41 | 19 | 51 | -15 | 30 | 9 | 0.00 | -0.11 | 0.00 | 1.45 | 110 | 1.18 | 166 | 83 | 53 | 0 | 6 | 0 | 0 |
| MISSOULA | 39 | 20 | 51 | -8 | 30 | 2 | 0.63 | 0.42 | 0.32 | 4.31 | 159 | 2.69 | 172 | 86 | 62 | 0 | 5 | 6 | 0 |
| NE GRAND ISLAND | 49 | 22 | 70 | -11 | 36 | 11 | 0.00 | -0.12 | 0.00 | 1.32 | 96 | 1.06 | 161 | 83 | 47 | 0 | 5 | 0 | 0 |
| LINCOLN | 47 | 18 | 65 | -18 | 33 | 9 | 0.00 | -0.12 | 0.00 | 1.28 | 81 | 1.02 | 146 | 88 | 42 | 0 | 6 | 0 | 0 |
| NORFOLK | 47 | 20 | 65 | -17 | 33 | 11 | 0.00 | -0.14 | 0.00 | 1.38 | 96 | 0.91 | 130 | 82 | 50 | 0 | 5 | 0 | 0 |
| NORTH PLATTE | 56 | 18 | 74 | -13 | 37 | 12 | 0.00 | -0.08 | 0.00 | 0.50 | 53 | 0.50 | 104 | 84 | 29 | 0 | 7 | 0 | 0 |
| OMAHA | 43 | 18 | 61 | -15 | 30 | 6 | 0.00 | -0.14 | 0.00 | 1.89 | 97 | 1.35 | 144 | 92 | 45 | 0 | 6 | 0 | 0 |
| SCOTTSBLUFF | 58 | 24 | 70 | -9 | 41 | 12 | 0.00 | -0.09 | 0.00 | 1.38 | 116 | 0.83 | 136 | 75 | 29 | 0 | 5 | 0 | 0 |
| VALENTINE | 51 | 23 | 70 | -16 | 37 | 11 | 0.00 | -0.11 | 0.00 | 0.57 | 52 | 0.51 | 88 | 80 | 40 | 0 | 4 | 0 | 0 |
| NV ELY | 52 | 26 | 62 | 18 | 39 | 11 | 0.00 | -0.16 | 0.00 | 0.97 | 58 | 0.51 | 54 | 85 | 43 | 0 | 6 | 0 | 0 |
| LAS VEGAS | 71 | 46 | 76 | 37 | 58 | 9 | 0.00 | -0.11 | 0.00 | 0.13 | 13 | 0.12 | 18 | 57 | 23 | 0 | 0 | 0 | 0 |
| RENO | 60 | 35 | 65 | 30 | 47 | 11 | 0.45 | 0.19 | 0.30 | 4.04 | 165 | 1.79 | 122 | 83 | 34 | 0 | 3 | 2 | 0 |
| WINNEMUCCA | 51 | 33 | 62 | 24 | 42 | 8 | 0.32 | 0.17 | 0.22 | 3.59 | 194 | 1.98 | 204 | 86 | 50 | 0 | 3 | 2 | 0 |
| NH CONCORD | 29 | 7 | 44 | -15 | 18 | -1 | 0.07 | -0.56 | 0.07 | 7.00 | 107 | 5.03 | 148 | 82 | 43 | 0 | 6 | 1 | 0 |
| NJ ATLANTIC CITY | 33 | 13 | 47 | -8 | 23 | -9 | 0.17 | -0.59 | 0.16 | 7.21 | 91 | 5.71 | 125 | 83 | 49 | 0 | 6 | 2 | 0 |
| NM ALBUQUERQUE | 63 | 32 | 70 | 19 | 47 | 9 | 0.00 | -0.11 | 0.00 | 0.51 | 45 | 0.35 | 54 | 63 | 19 | 0 | 2 | 0 | 0 |
| CLOVIS | 66 | 30 | 75 | 12 | 48 | 9 | 0.00 | -0.11 | 0.00 | 0.56 | 52 | 0.36 | 68 | 69 | 20 | 0 | 3 | 0 | 0 |
| ROSWELL | 70 | 32 | 79 | 22 | 51 | 8 | -- | -- | -- | -- | -- | -- | -- | 59 | 23 | 0 | 4 | - | - |
| NY ALBANY | 28 | 16 | 41 | 0 | 22 | 1 | 0.19 | -0.36 | 0.19 | 6.69 | 110 | 5.27 | 168 | 79 | 51 | 0 | 6 | 1 | 0 |
| BINGHAMTON | 25 | 13 | 38 | -6 | 19 | -2 | 0.18 | -0.38 | 0.18 | 4.98 | 80 | 4.00 | 125 | 86 | 63 | 0 | 7 | 1 | 0 |
| BUFFALO | 30 | 17 | 49 | -2 | 23 | 0 | 0.67 | 0.09 | 0.46 | 7.69 | 107 | 4.02 | 114 | 88 | 65 | 0 | 6 | 4 | 0 |
| NEW YORK | 34 | 24 | 48 | 9 | 29 | -3 | 0.21 | -0.48 | 0.21 | 6.84 | 92 | 4.67 | 116 | 70 | 42 | 0 | 5 | 1 | 0 |
| ROCHESTER | 30 | 17 | 44 | -2 | 24 | 1 | 0.21 | -0.31 | 0.12 | 4.93 | 89 | 3.44 | 122 | 90 | 62 | 0 | 6 | 2 | 0 |
| SYRACUSE | 31 | 17 | 45 | -2 | 24 | 1 | 0.30 | -0.22 | 0.24 | 5.54 | 88 | 3.65 | 119 | 80 | 56 | 0 | 6 | 3 | 0 |
| NC ASHEVILLE | 43 | 19 | 69 | -1 | 31 | -6 | 0.17 | -0.86 | 0.12 | 10.68 | 109 | 9.26 | 173 | 88 | 44 | 0 | 5 | 2 | 0 |
| CHARLOTTE | 48 | 24 | 67 | 7 | 36 | -5 | 0.14 | -0.78 | 0.10 | 7.27 | 86 | 6.05 | 121 | 87 | 38 | 0 | 5 | 4 | 0 |
| GREENSBORO | 41 | 20 | 62 | 1 | 31 | -8 | 0.12 | -0.68 | 0.06 | 7.26 | 94 | 5.89 | 136 | 90 | 55 | 0 | 6 | 2 | 0 |
| HATTERAS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | - | - | - | - |
| NEW BERN | 48 | 24 | 69 | 9 | 36 | -8 | 0.10 | -0.97 | 0.07 | 6.44 | 68 | 4.88 | 84 | 75 | 40 | 0 | 6 | 2 | 0 |
| RALEIGH | 46 | 20 | 72 | 0 | 33 | -7 | 0.03 | -0.88 | 0.03 | 7.49 | 94 | 5.60 | 117 | 89 | 50 | 0 | 5 | 1 | 0 |
| WILMINGTON | 50 | 24 | 69 | 11 | 37 | -7 | 0.00 | -1.10 | 0.00 | 5.14 | 50 | 3.07 | 49 | 91 | 36 | 0 | 6 | 0 | 0 |
| ND BISMARCK | 38 | 14 | 56 | -25 | 26 | 13 | 0.03 | -0.08 | 0.03 | 1.54 | 140 | 0.99 | 162 | 85 | 59 | 0 | 7 | 1 | 0 |
| FARGO | 28 | 6 | 41 | -24 | 17 | 8 | 0.13 | 0.02 | 0.12 | 2.69 | 182 | 1.94 | 231 | 88 | 70 | 0 | 7 | 2 | 0 |
| GRAND FORKS | 28 | 6 | 41 | -24 | 17 | 9 | 0.09 | -0.02 | 0.09 | 1.75 | 115 | 0.98 | 111 | 91 | 70 | 0 | 7 | 1 | 0 |
| WILLISTON | 36 | 16 | 48 | -22 | 26 | 13 | 0.04 | -0.07 | 0.04 | 1.50 | 117 | 0.82 | 119 | 82 | 63 | 0 | 7 | 1 | 0 |
| OH AKRON-CANTON | 32 | 16 | 55 | -8 | 24 | -1 | 0.24 | -0.26 | 0.24 | 4.89 | 84 | 4.02 | 140 | 88 | 64 | 0 | 6 | 1 | 0 |
| CINCINNATI | 38 | 17 | 65 | -11 | 28 | -2 | 0.21 | -0.38 | 0.19 | 7.98 | 121 | 4.58 | 134 | 85 | 55 | 0 | 5 | 2 | 0 |
| CLEVELAND | 33 | 17 | 55 | -10 | 25 | 0 | 0.25 | -0.26 | 0.24 | 4.39 | 75 | 2.93 | 107 | 87 | 62 | 0 | 5 | 2 | 0 |
| COLUMBUS | 37 | 19 | 61 | -3 | 28 | 2 | 0.18 | -0.32 | 0.15 | 5.87 | 104 | 3.92 | 147 | 87 | 56 | 0 | 6 | 2 | 0 |
| DAYTON | 36 | 19 | 62 | -8 | 27 | 0 | 0.18 | -0.30 | 0.18 | 5.50 | 96 | 4.28 | 152 | 88 | 60 | 0 | 4 | 1 | 0 |

Based on 1961-90 normals.

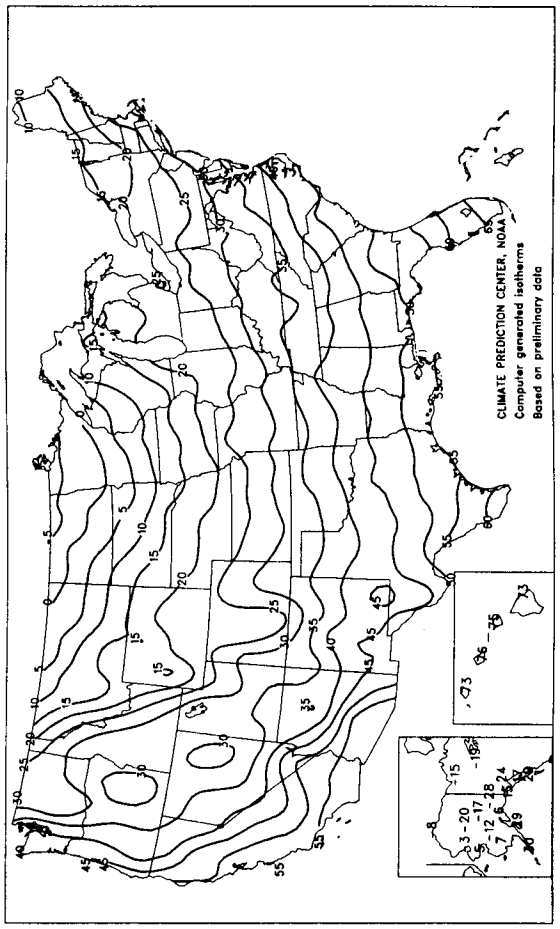
## Weather Data for the Week Ending February 10, 1996

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY, PERCENT | | NUMBER OF DAYS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | TEMP. °F | | PRECIP. | |
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTRME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE Dec 1 | PCT. NORMAL SINCE Dec 1 | TOTAL, IN., SINCE Jan 1 | PCT. NORMAL SINCE Jan 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| TOLEDO | 34 | 17 | 57 | -8 | 26 | 2 | 0.22 | -0.17 | 0.18 | 3.06 | 59 | 2.43 | 106 | 88 | 64 | 0 | 5 | 2 | 0 |
| YOUNGSTOWN | 32 | 16 | 54 | -8 | 24 | 0 | 0.21 | -0.26 | 0.21 | 4.66 | 81 | 3.04 | 108 | 91 | 60 | 0 | 6 | 1 | 0 |
| OK OKLAHOMA CITY | 60 | 28 | 75 | -3 | 44 | 5 | 0.00 | -0.32 | 0.00 | 2.42 | 81 | 0.06 | 4 | 87 | 36 | 0 | 3 | 0 | 0 |
| TULSA | 55 | 26 | 74 | -11 | 41 | 3 | 0.00 | -0.41 | 0.00 | 2.32 | 54 | 0.55 | 26 | 87 | 41 | 0 | 3 | 0 | 0 |
| OR ASTORIA | 55 | 42 | 59 | 36 | 49 | 5 | 7.62 | 5.62 | 2.81 | 28.29 | 121 | 17.00 | 132 | 94 | 72 | 0 | 0 | 4 | 4 |
| BURNS | 41 | 28 | 49 | 13 | 34 | 7 | 0.35 | 0.16 | 0.32 | 4.73 | 195 | 2.20 | 173 | 90 | 65 | 0 | 4 | 2 | 0 |
| MEDFORD | 62 | 46 | 70 | 44 | 54 | 13 | 1.07 | 0.56 | 0.68 | 14.31 | 212 | 6.63 | 193 | 93 | 39 | 0 | 0 | 3 | 1 |
| PENDLETON | 50 | 29 | 67 | 5 | 40 | 2 | 1.06 | 0.76 | 0.58 | 4.60 | 129 | 2.82 | 145 | 92 | 47 | 0 | 4 | 6 | 1 |
| PORTLAND | 52 | 38 | 62 | 20 | 45 | 3 | 6.65 | 5.63 | 2.09 | 19.84 | 153 | 13.78 | 201 | 86 | 52 | 0 | 2 | 5 | 4 |
| SALEM | 55 | 41 | 62 | 27 | 48 | 6 | 8.30 | 7.12 | 2.49 | 23.96 | 166 | 16.68 | 219 | 94 | 68 | 0 | 2 | 6 | 4 |
| PA ALLENTOWN | 29 | 13 | 43 | -8 | 21 | -6 | 0.25 | -0.48 | 0.22 | 8.60 | 112 | 7.14 | 170 | 79 | 50 | 0 | 6 | 2 | 0 |
| ERIE | 32 | 17 | 54 | -9 | 25 | 0 | 0.50 | -0.03 | 0.44 | 7.00 | 107 | 3.77 | 127 | 87 | 60 | 0 | 5 | 3 | 0 |
| HARRISBURG | 31 | 17 | 49 | -3 | 24 | -5 | 0.16 | -0.56 | 0.16 | 9.17 | 129 | 6.63 | 172 | 86 | 54 | 0 | 6 | 1 | 0 |
| PHILADELPHIA | 32 | 18 | 48 | 3 | 25 | -6 | 0.22 | -0.55 | 0.18 | 7.01 | 85 | 4.87 | 107 | 78 | 54 | 0 | 6 | 2 | 0 |
| PITTSBURGH | 35 | 18 | 60 | -6 | 26 | 0 | 0.20 | -0.35 | 0.15 | 5.55 | 89 | 3.92 | 118 | 84 | 56 | 0 | 5 | 4 | 0 |
| SCRANTON | 28 | 15 | 42 | -6 | 21 | -4 | 0.10 | -0.42 | 0.10 | 7.85 | 146 | 6.63 | 232 | 80 | 52 | 0 | 5 | 1 | 0 |
| RI PROVIDENCE | 31 | 16 | 47 | -2 | 24 | -5 | 0.12 | -0.77 | 0.12 | 9.38 | 98 | 7.22 | 140 | 74 | 43 | 0 | 6 | 1 | 0 |
| SC CHARLESTON | 56 | 27 | 74 | 16 | 42 | -7 | 0.00 | -0.77 | 0.00 | 2.87 | 37 | 1.85 | 41 | 85 | 31 | 0 | 5 | 0 | 0 |
| COLUMBIA | 54 | 25 | 73 | 14 | 40 | -5 | 0.00 | -1.01 | 0.00 | 5.58 | 59 | 3.39 | 58 | 81 | 34 | 0 | 5 | 0 | 0 |
| FLORENCE | 54 | 26 | 75 | 11 | 40 | -5 | 0.00 | -0.77 | 0.00 | 4.22 | 54 | 2.53 | 55 | 84 | 30 | 0 | 4 | 0 | 0 |
| GREENVILLE | 50 | 25 | 70 | 8 | 37 | -4 | 0.01 | -1.03 | 0.01 | 9.84 | 101 | 7.79 | 140 | 83 | 35 | 0 | 4 | 1 | 0 |
| SD ABERDEEN | 33 | 12 | 47 | -27 | 22 | 9 | 0.00 | -0.14 | 0.00 | 1.77 | 135 | 1.30 | 160 | 84 | 64 | 0 | 7 | 0 | 0 |
| HURON | 37 | 16 | 51 | -22 | 26 | 10 | 0.01 | -0.11 | 0.01 | 1.28 | 125 | 1.00 | 179 | 84 | 60 | 0 | 7 | 1 | 0 |
| RAPID CITY | 50 | 20 | 70 | -14 | 35 | 10 | 0.00 | -0.11 | 0.00 | 0.96 | 95 | 0.82 | 158 | 80 | 37 | 0 | 6 | 0 | 0 |
| SIOUX FALLS | 41 | 16 | 57 | -19 | 28 | 11 | 0.02 | -0.10 | 0.02 | 1.12 | 81 | 1.02 | 152 | 88 | 54 | 0 | 7 | 1 | 0 |
| TN CHATTANOOGA | 42 | 20 | 62 | 2 | 31 | -9 | 0.10 | -1.04 | 0.07 | 12.59 | 108 | 8.77 | 135 | 90 | 55 | 0 | 6 | 2 | 0 |
| KNOXVILLE | 38 | 18 | 59 | -8 | 28 | -11 | 0.68 | -0.28 | 0.33 | 11.99 | 119 | 9.46 | 170 | 88 | 57 | 0 | 5 | 3 | 0 |
| MEMPHIS | 51 | 33 | 71 | 4 | 42 | 0 | 0.00 | -1.01 | 0.00 | 11.16 | 102 | 5.57 | 108 | 80 | 47 | 0 | 3 | 0 | 0 |
| NASHVILLE | 45 | 23 | 65 | -3 | 34 | -4 | 0.16 | -0.73 | 0.14 | 6.65 | 70 | 4.41 | 91 | 86 | 50 | 0 | 3 | 3 | 0 |
| TX ABILENE | 69 | 35 | 87 | 6 | 52 | 7 | 0.00 | -0.28 | 0.00 | 0.98 | 40 | 0.75 | 53 | 78 | 30 | 0 | 3 | 0 | 0 |
| AMARILLO | 63 | 26 | 77 | -3 | 45 | 7 | 0.00 | -0.14 | 0.00 | 1.02 | 94 | 0.43 | 62 | 79 | 33 | 0 | 4 | 0 | 0 |
| AUSTIN | 67 | 44 | 80 | 19 | 56 | 5 | 0.00 | -0.54 | 0.00 | 0.65 | 15 | 0.16 | 7 | 93 | 48 | 0 | 2 | 0 | 0 |
| BEAUMONT | 64 | 44 | 76 | 21 | 54 | 1 | 0.02 | -0.89 | 0.02 | 13.92 | 128 | 2.78 | 46 | 96 | 63 | 0 | 2 | 1 | 0 |
| BROWNSVILLE | 72 | 52 | 82 | 33 | 62 | 1 | 0.01 | -0.30 | 0.01 | 1.07 | 33 | 0.08 | 4 | 89 | 54 | 0 | 0 | 1 | 0 |
| CORPUS CHRISTI | 70 | 48 | 81 | 29 | 59 | 2 | 0.00 | -0.52 | 0.00 | 0.72 | 19 | 0.09 | 4 | 87 | 53 | 0 | 1 | 0 | 0 |
| DEL RIO | 70 | 43 | 84 | 26 | 56 | 4 | 0.00 | -0.36 | 0.00 | 0.49 | 18 | 0.00 | 0 | 85 | 48 | 0 | 2 | 0 | 0 |
| EL PASO | 71 | 37 | 77 | 31 | 54 | 8 | 0.00 | -0.11 | 0.00 | 0.51 | 45 | 0.27 | 49 | 61 | 22 | 0 | 2 | 0 | 0 |
| FORT WORTH | 65 | 39 | 81 | 8 | 52 | 7 | 0.00 | -0.56 | 0.00 | 3.14 | 67 | 1.09 | 42 | 92 | 50 | 0 | 2 | 0 | 0 |
| GALVESTON | 61 | 50 | 71 | 29 | 56 | 2 | 0.00 | -0.61 | 0.00 | 7.31 | 95 | 1.74 | 42 | 91 | 69 | 0 | 1 | 0 | 0 |
| HOUSTON | 67 | 47 | 81 | 22 | 57 | 5 | 0.04 | -0.90 | 0.04 | 6.04 | 61 | 1.05 | 21 | 89 | 46 | 0 | 2 | 1 | 0 |
| LUBBOCK | 68 | 28 | 79 | 12 | 48 | 7 | 0.00 | -0.15 | 0.00 | 0.65 | 58 | 0.20 | 34 | 77 | 22 | 0 | 4 | 0 | 0 |
| MIDLAND | 72 | 32 | 83 | 16 | 52 | 6 | 0.00 | -0.14 | 0.00 | 0.31 | 26 | 0.08 | 12 | 81 | 20 | 0 | 3 | 0 | 0 |
| SAN ANGELO | 70 | 35 | 85 | 7 | 53 | 7 | 0.00 | -0.28 | 0.00 | 0.38 | 19 | 0.18 | 15 | 84 | 35 | 0 | 3 | 0 | 0 |
| SAN ANTONIO | 69 | 44 | 82 | 19 | 57 | 5 | 0.00 | -0.47 | 0.00 | 0.63 | 16 | 0.00 | 0 | 87 | 39 | 0 | 2 | 0 | 0 |
| VICTORIA | 68 | 45 | 79 | 23 | 56 | 3 | 0.00 | -0.75 | 0.00 | 2.95 | 40 | 0.08 | 2 | 97 | 50 | 0 | 2 | 0 | 0 |
| WACO | 66 | 42 | 82 | 12 | 54 | 7 | 0.00 | -0.50 | 0.00 | 2.04 | 49 | 1.00 | 43 | 91 | 50 | 0 | 2 | 0 | 0 |
| WICHITA FALLS | 65 | 32 | 77 | 3 | 48 | 6 | 0.00 | -0.45 | 0.00 | 1.65 | 47 | 0.91 | 46 | 83 | 35 | 0 | 3 | 0 | 0 |
| UT CEDAR CITY | 61 | 29 | 70 | 21 | 45 | 12 | 0.00 | -0.19 | 0.00 | 1.12 | 68 | 0.84 | 87 | 83 | 26 | 0 | 7 | 0 | 0 |
| SALT LAKE CITY | 40 | 18 | 47 | -2 | 29 | -3 | 0.26 | -0.02 | 0.25 | 4.57 | 155 | 3.37 | 222 | 96 | 69 | 0 | 7 | 2 | 0 |
| VT BURLINGTON | 25 | 11 | 37 | -9 | 18 | 2 | 0.26 | -0.13 | 0.16 | 6.82 | 142 | 4.17 | 176 | 82 | 49 | 0 | 7 | 2 | 0 |
| VA NORFOLK | 41 | 21 | 61 | 11 | 31 | -9 | 0.27 | -0.60 | 0.20 | 8.57 | 104 | 6.70 | 133 | 87 | 46 | 0 | 6 | 2 | 0 |
| RICHMOND | 38 | 17 | 59 | -2 | 28 | -9 | 0.24 | -0.53 | 0.20 | 7.58 | 99 | 5.87 | 135 | 88 | 43 | 0 | 6 | 2 | 0 |
| ROANOKE | 41 | 21 | 67 | -1 | 31 | -4 | 0.38 | -0.34 | 0.36 | 10.82 | 164 | 8.51 | 234 | 72 | 41 | 0 | 4 | 2 | 0 |
| WA QUILLAYUTE | 53 | 41 | 59 | 33 | 47 | 5 | 3.72 | 0.49 | 1.37 | 33.87 | 98 | 19.93 | 105 | 96 | 79 | 0 | 0 | 5 | 3 |
| SEATTLE-TACOMA | 54 | 41 | 59 | 32 | 47 | 4 | 6.07 | 5.01 | 3.02 | 20.01 | 156 | 13.63 | 197 | 95 | 65 | 0 | 1 | 6 | 5 |
| SPOKANE | 40 | 27 | 49 | 13 | 34 | 2 | 1.14 | 0.75 | 0.57 | 5.87 | 119 | 3.23 | 127 | 95 | 69 | 0 | 4 | 4 | 1 |
| YAKIMA | 38 | 24 | 50 | 8 | 31 | -3 | 1.36 | 1.16 | -- | 3.62 | 123 | 2.77 | 183 | 95 | 68 | 0 | 5 | 4 | 1 |
| WV BECKLEY | 34 | 16 | 58 | -16 | 25 | -5 | 1.14 | 0.42 | 1.01 | 9.56 | 133 | 7.11 | 180 | 83 | 55 | 0 | 5 | 2 | 1 |
| CHARLESTON | 39 | 16 | 64 | -12 | 28 | -5 | 0.83 | 0.11 | 0.71 | 8.51 | 116 | 6.46 | 164 | 88 | 50 | 0 | 6 | 2 | 1 |
| HUNTINGTON | 40 | 19 | 65 | -9 | 29 | -2 | 0.41 | -0.33 | 0.37 | 9.52 | 125 | 6.69 | 165 | 86 | 49 | 0 | 4 | 2 | 0 |
| PARKERSBURG | 38 | 16 | 64 | -10 | 27 | -4 | 0.09 | -0.60 | 0.07 | 6.55 | 92 | 4.71 | 113 | 91 | 53 | 0 | 6 | 2 | 0 |
| WI GREEN BAY | 30 | 12 | 47 | -24 | 21 | 5 | 0.02 | -0.20 | 0.02 | 3.06 | 102 | 1.80 | 123 | 82 | 57 | 0 | 7 | 1 | 0 |
| LACROSSE | 31 | 9 | 46 | -29 | 20 | 3 | 0.10 | -0.09 | -- | 3.95 | 159 | 3.13 | 254 | 91 | 56 | 0 | 6 | - | - |
| MADISON | 33 | 12 | 51 | -21 | 23 | 5 | 0.03 | -0.19 | 0.02 | 3.32 | 107 | 2.55 | 173 | 85 | 58 | 0 | 5 | 2 | 0 |
| MILWAUKEE | 33 | 17 | 52 | -19 | 25 | 4 | 0.00 | -0.32 | 0.00 | 2.13 | 49 | 1.65 | 80 | 89 | 59 | 0 | 5 | 0 | 0 |
| WAUSAU | 29 | 8 | 45 | -27 | 18 | 4 | 0.00 | -0.17 | 0.00 | 3.12 | 119 | 2.12 | 178 | 88 | 52 | 0 | 7 | 0 | 0 |
| WY CASPER | 50 | 30 | 63 | 18 | 40 | 15 | 0.00 | -0.14 | 0.00 | 1.31 | 94 | 0.96 | 130 | 64 | 37 | 0 | 3 | 0 | 0 |
| CHEYENNE | 50 | 32 | 58 | 17 | 41 | 13 | 0.00 | -0.08 | 0.00 | 0.59 | 66 | 0.39 | 80 | 56 | 31 | 0 | 3 | 0 | 0 |
| LANDER | 51 | 22 | 63 | -1 | 36 | 13 | 0.00 | -0.12 | 0.00 | 0.98 | 80 | 0.67 | 103 | 69 | 35 | 0 | 6 | 0 | 0 |
| SHERIDAN | 50 | 23 | 68 | -7 | 36 | 12 | 0.00 | -0.17 | 0.00 | 0.96 | 56 | 0.67 | 69 | 73 | 40 | 0 | 5 | 0 | 0 |
| PR SAN JUAN | 83 | 71 | 85 | 70 | 77 | 0 | 1.16 | 0.61 | 0.70 | 11.01 | 132 | 7.16 | 198 | 89 | 63 | 0 | 0 | 4 | 1 |

Based on 1961-90 normals.

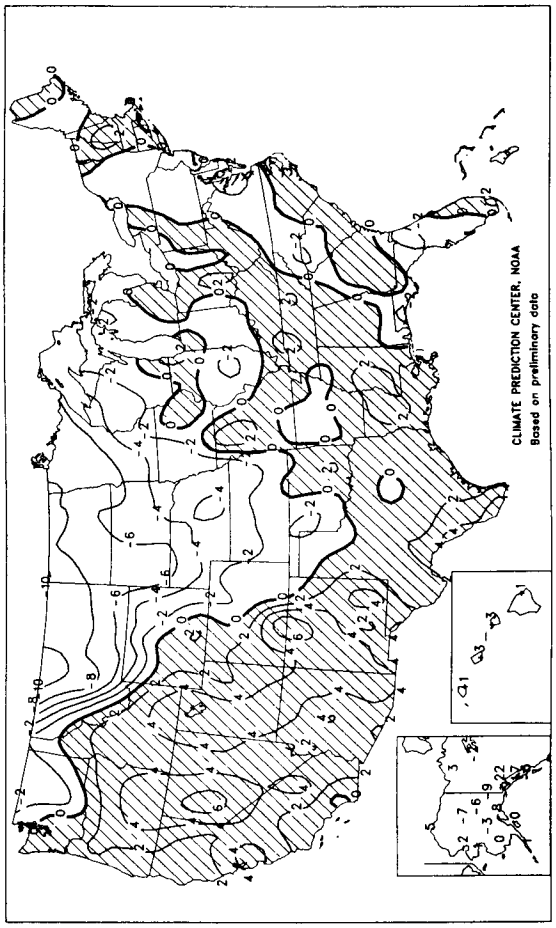
Average Temperature (°F)

JAN 1996



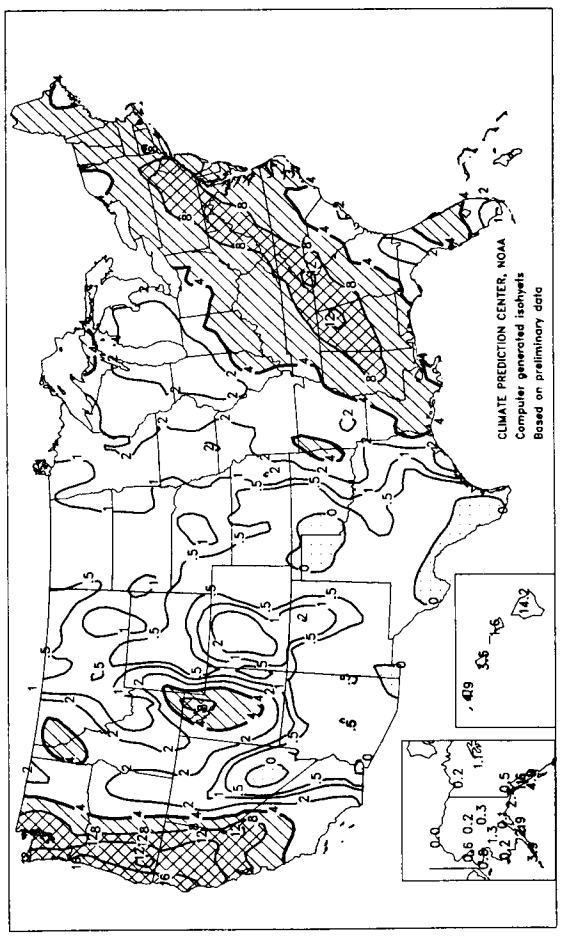

Departure of Average Temperature from Normal (°F)

JAN 1996



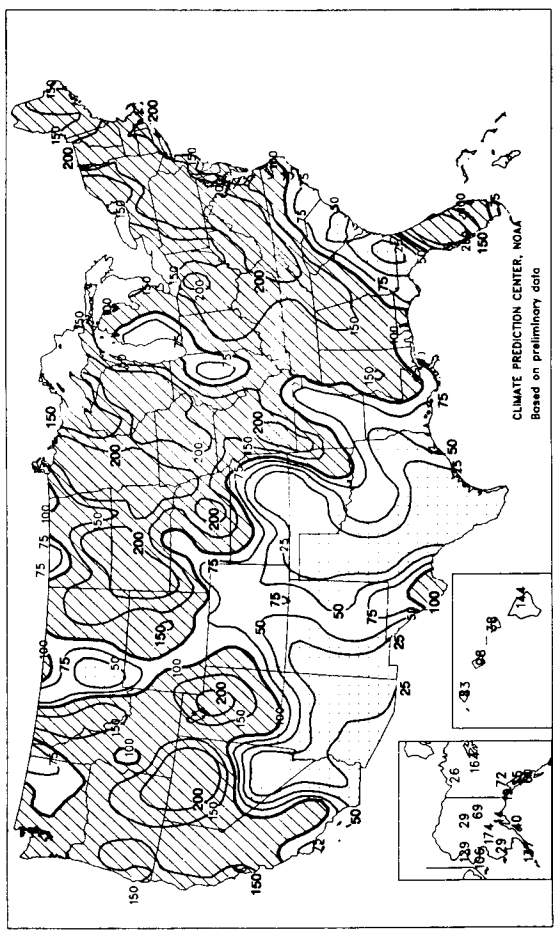

Total Precipitation (Inches)

JAN 1996




Percent Of Normal Precipitation

JAN 1996



# TEMPERATURE AND PRECIPITATION SUMMARY
## January 1996

| STATES AND STATIONS | Temp. °F AVERAGE | Temp. °F DEPARTURE | Precip. TOTAL | Precip. DEPARTURE |
|---|---|---|---|---|
| AL BIRMINGHAM | 43 | 1 | 9.59 | 4.49 |
| HUNTSVILLE | 39 | 0 | 7.29 | 2.12 |
| MOBILE | 49 | -1 | 4.65 | -0.11 |
| MONTGOMERY | 45 | 1 | 6.65 | 1.69 |
| AK ANCHORAGE | 6 | -9 | 0.11 | -0.68 |
| BARROW | -8 | 6 | T | -0.17 |
| FAIRBANKS | -17 | -7 | 0.32 | -0.15 |
| JUNEAU | 17 | -8 | 2.26 | -2.28 |
| KODIAK | 29 | 0 | 3.00 | -4.38 |
| NOME | 5 | -2 | 0.91 | 0.12 |
| AZ FLAGSTAFF | 31 | 2 | 0.19 | -1.85 |
| PHOENIX | 56 | 2 | 0.25 | -0.42 |
| PRESCOTT | 41 | 5 | 0.12 | -1.41 |
| TUCSON | 54 | 2 | 0.01 | -0.86 |
| WINSLOW | 37 | 5 | T | -0.45 |
| YUMA | 60 | 3 | 0.00 | -0.35 |
| AR FORT SMITH | 37 | 0 | 3.05 | 1.15 |
| LITTLE ROCK | 40 | 1 | 2.57 | -0.41 |
| CA BAKERSFIELD | 49 | 1 | 1.03 | 0.17 |
| BISHOP | -- | -- | -- | -- |
| EUREKA | 50 | 2 | 10.74 | 4.74 |
| FRESNO | 49 | 3 | 2.02 | 0.06 |
| LOS ANGELES | 58 | 1 | 1.94 | -0.46 |
| REDDING | 46 | 0 | 9.66 | 3.60 |
| SACRAMENTO | 48 | 3 | 3.29 | 0.44 |
| SAN DIEGO | 58 | 0 | 1.52 | -0.28 |
| SAN FRANCISCO | 52 | 3 | 6.93 | 2.58 |
| SANTA MARIA | 53 | 2 | 2.05 | -0.11 |
| CO ALAMOSA | 21 | 6 | 0.06 | -0.20 |
| CO. SPRINGS | 28 | -1 | 0.16 | -0.13 |
| CO DENVER | 28 | -2 | 0.24 | -0.26 |
| GRAND JUNCTION | 30 | 3 | 0.65 | 0.13 |
| PUEBLO | 28 | -1 | 0.24 | -0.08 |
| CT BRIDGEPORT | 28 | -1 | 5.77 | 2.53 |
| HARTFORD | 25 | 0 | 6.99 | 3.58 |
| DC WASHINGTON | 33 | -2 | 5.01 | 2.29 |
| FL PANAMA CITY | 51 | 0 | 1.39 | -3.72 |
| DAYTONA BEACH | 57 | -1 | 5.55 | 2.80 |
| FT. MYERS | 63 | -1 | 3.05 | 1.21 |
| JACKSONVILLE | 53 | -3 | 1.11 | -2.01 |
| KEY WEST | 69 | -1 | 0.88 | -1.13 |
| MIAMI | 68 | 1 | 2.33 | 0.32 |
| ORLANDO | 59 | -1 | 5.39 | 3.09 |
| TALLAHASSEE | 51 | 0 | 2.90 | -1.87 |
| TAMPA | 59 | -1 | 5.42 | 3.43 |
| WEST PALM BEACH | 66 | -1 | 1.54 | -1.35 |
| GA ATHENS | 41 | -1 | 6.71 | 2.11 |
| ATLANTA | 41 | 0 | 8.32 | 3.57 |
| AUGUSTA | 45 | 1 | 3.49 | -0.56 |
| MACON | 45 | 0 | 5.37 | 0.81 |
| SAVANNAH | 50 | 1 | 2.01 | -1.58 |
| HI HILO | 73 | 2 | 14.29 | 4.41 |
| HONOLULU | 76 | 3 | 3.50 | -0.05 |
| KAHULUI | 75 | 4 | 1.58 | -2.56 |
| LIHUE | 73 | 1 | 5.16 | -0.73 |
| ID BOISE | 33 | 4 | 0.97 | -0.48 |
| LEWISTON | 34 | 1 | 1.36 | 0.08 |
| POCATELLO | 28 | 4 | 1.15 | 0.11 |
| IL CAIRO | -- | -- | -- | -- |
| CHICAGO | 23 | 2 | 1.53 | 0.00 |
| MOLINE | 20 | 0 | 2.30 | 0.76 |
| PEORIA | 22 | 0 | 1.44 | -0.07 |
| QUINCY | 24 | 0 | 1.52 | 0.16 |
| ROCKFORD | 19 | 0 | 1.40 | 0.12 |
| SPRINGFIELD | 23 | -1 | 1.49 | -0.02 |
| IN EVANSVILLE | 31 | -1 | 3.51 | 0.51 |
| FORT WAYNE | 23 | 0 | 2.51 | 0.64 |
| INDIANAPOLIS | 25 | -1 | 3.88 | 1.56 |
| SOUTH BEND | 24 | 0 | 1.66 | -0.57 |
| IA DES MOINES | 18 | -2 | 0.99 | 0.03 |
| DUBUQUE | 16 | 0 | 2.19 | 0.93 |
| SIOUX CITY | 15 | -3 | 0.99 | 0.44 |
| WATERLOO | 15 | 0 | 2.19 | 1.39 |
| KS CONCORDIA | 23 | -3 | 0.56 | -0.02 |
| DODGE CITY | 28 | -1 | 0.41 | -0.08 |
| GOODLAND | 26 | -3 | 0.34 | -0.07 |
| TOPEKA | 25 | -2 | 0.76 | -0.19 |
| WICHITA | 29 | -2 | 0.10 | -0.76 |
| KY BOWLING GREEN | 35 | 2 | 3.17 | -0.65 |
| JACKSON | 33 | 0 | 4.89 | 1.13 |
| LEXINGTON | 31 | 0 | 4.51 | 1.65 |
| LOUISVILLE | 32 | 0 | 4.19 | 1.33 |
| PADUCAH | 33 | 0 | 3.20 | -- |

| STATES AND STATIONS | Temp. °F AVERAGE | Temp. °F DEPARTURE | Precip. TOTAL | Precip. DEPARTURE |
|---|---|---|---|---|
| LA BATON ROUGE | 51 | 2 | 2.19 | -2.72 |
| LAKE CHARLES | 51 | 1 | 2.48 | -2.04 |
| NEW ORLEANS | 53 | 2 | 4.72 | -0.33 |
| SHREVEPORT | 46 | 1 | 2.12 | -2.10 |
| ME CARIBOU | 11 | 1 | 4.05 | 1.63 |
| PORTLAND | 21 | 1 | 5.30 | 1.77 |
| MD BALTIMORE | 32 | 0 | 6.80 | 3.75 |
| SALISBURY | 34 | 0 | 3.93 | 0.29 |
| MA BOSTON | 30 | 1 | 7.44 | 3.85 |
| CHATHAM | -- | -- | -- | -- |
| MI ALPENA | 16 | -2 | 1.42 | -0.22 |
| DETROIT | 24 | 1 | 1.85 | 0.09 |
| FLINT | 22 | 0 | 2.07 | 0.68 |
| GRAND RAPIDS | 21 | 0 | 1.18 | -0.65 |
| HOUGHTON LAKE | 16 | -1 | 1.71 | 0.21 |
| LANSING | 21 | 1 | 1.26 | -0.21 |
| MARQUETTE | 10 | -1 | 5.22 | 3.05 |
| MUSKEGON | 22 | -2 | 1.47 | -0.87 |
| SAULT ST. MARIE | 10 | -3 | 4.02 | 1.60 |
| MN ALEXANDRIA | 1 | -6 | 0.50 | -0.44 |
| DULUTH | 2 | -5 | 1.35 | 0.13 |
| INT'L FALLS | -5 | -6 | 1.78 | 0.90 |
| MINNEAPOLIS | 10 | -2 | 1.86 | 0.91 |
| ROCHESTER | 10 | -2 | 2.00 | 1.22 |
| ST. CLOUD | 3 | -5 | 1.13 | 0.39 |
| MS GREENWOOD | 44 | 2 | -- | -- |
| JACKSON | 45 | 2 | 8.85 | 3.35 |
| MERIDIAN | 45 | 0 | 5.19 | 0.04 |
| TUPELO | 40 | 1 | 5.81 | 0.92 |
| MO CAPE GIRARDEAU | 32 | 1 | 3.46 | 0.56 |
| COLUMBIA | 26 | 0 | 2.46 | 0.96 |
| KANSAS CITY | 23 | -3 | 1.04 | -0.05 |
| SAINT LOUIS | 29 | 0 | 3.27 | 1.46 |
| SPRINGFIELD | 30 | 0 | 2.57 | 0.89 |
| MT BILLINGS | 17 | -6 | 0.82 | -0.08 |
| GLASGOW | 0 | -11 | 0.50 | 0.13 |
| GREAT FALLS | 12 | -9 | 0.49 | -0.42 |
| HAVRE | 2 | -12 | 0.82 | 0.29 |
| HELENA | 10 | -9 | 0.55 | -0.08 |
| KALISPELL | 17 | -4 | 1.63 | 0.10 |
| MILES CITY | 9 | -7 | 1.19 | 0.64 |
| MISSOULA | 22 | 0 | 2.06 | 0.82 |
| NE GRAND ISLAND | 19 | -3 | 1.08 | 0.62 |
| LINCOLN | 19 | -3 | 1.02 | 0.48 |
| NORFOLK | 16 | -3 | 0.90 | 0.38 |
| NORTH PLATTE | 21 | -1 | 0.50 | 0.14 |
| OMAHA | 17 | -5 | 1.35 | 0.61 |
| SCOTTSBLUFF | 22 | -3 | 0.78 | 0.28 |
| VALENTINE | 17 | -6 | 0.53 | 0.10 |
| NV ELKO | 29 | 4 | 3.28 | 2.30 |
| ELY | 29 | 4 | 0.50 | -0.20 |
| LAS VEGAS | 49 | 3 | 0.13 | -0.35 |
| RENO | 38 | 5 | 1.33 | 0.26 |
| WINNEMUCCA | 34 | 4 | 1.65 | 0.91 |
| NH CONCORD | 21 | 2 | 4.87 | 2.36 |
| NJ ATLANTIC CITY | 31 | 0 | 3.91 | 0.45 |
| NM ALBUQUERQUE | 39 | 5 | 0.17 | -0.27 |
| CLOVIS | 39 | 3 | 0.15 | -0.24 |
| ROSWELL | 43 | 4 | -- | -- |
| NY ALBANY | 20 | 0 | 5.08 | 2.72 |
| BINGHAMTON | 20 | -1 | 3.81 | 1.41 |
| BUFFALO | 23 | -1 | 2.59 | -0.11 |
| NEW YORK | 32 | 0 | 4.11 | 1.07 |
| ROCHESTER | 24 | 0 | 3.18 | 1.10 |
| SYRACUSE | 22 | -1 | 3.20 | 0.86 |
| NC ASHEVILLE | 35 | -1 | 7.22 | 3.32 |
| CHARLOTTE | 39 | 0 | 4.11 | 0.40 |
| GREENSBORO | 35 | -1 | 4.39 | 1.22 |
| HATTERAS | -- | -- | -- | -- |
| NEW BERN | 44 | 1 | 4.09 | -0.21 |
| RALEIGH | 38 | -1 | 4.24 | 0.76 |
| WILMINGTON | 45 | 2 | 3.05 | -1.68 |
| ND BISMARCK | 2 | -7 | 0.94 | 0.49 |
| FARGO | -2 | -8 | 1.82 | 1.15 |
| GRAND FORKS | -4 | -8 | 0.89 | 0.17 |
| WILLISTON | 0 | -9 | 0.79 | 0.26 |
| OH AKRON-CANTON | 24 | -1 | 1.57 | -0.59 |
| CINCINNATI | 28 | 0 | 3.65 | 1.06 |
| CLEVELAND | 26 | 1 | 2.24 | 0.20 |
| COLUMBUS | 28 | 4 | 3.73 | 1.76 |
| DAYTON | 25 | -1 | 3.48 | 1.35 |
| MANSFIELD | 25 | 1 | 2.25 | -- |
| TOLEDO | 23 | 1 | 1.91 | 0.16 |

| STATES AND STATIONS | Temp. °F AVERAGE | Temp. °F DEPARTURE | Precip. TOTAL | Precip. DEPARTURE |
|---|---|---|---|---|
| YOUNGSTOWN | 24 | 0 | 2.68 | 0.55 |
| OK OKLAHOMA CITY | 36 | 0 | 0.08 | -1.05 |
| TULSA | 35 | 0 | 0.47 | -1.07 |
| OR ASTORIA | 42 | 1 | 9.08 | -0.92 |
| BURNS | 27 | 4 | 1.85 | 0.86 |
| MEDFORD | 41 | 3 | 5.44 | 2.75 |
| PENDLETON | 35 | 1 | 1.79 | 0.28 |
| PORTLAND | 41 | 1 | 7.15 | 1.80 |
| SALEM | 42 | 3 | 8.26 | 2.34 |
| PA ALLENTOWN | 25 | -2 | 6.45 | 3.29 |
| ERIE | 25 | -1 | 3.07 | 0.85 |
| HARRISBURG | 28 | -1 | 6.08 | 3.24 |
| PHILADELPHIA | 30 | 0 | 3.62 | 0.16 |
| PITTSBURGH | 28 | 1 | 3.68 | 1.14 |
| SCRANTON | 24 | -1 | 6.40 | 4.30 |
| WILLIAMSPORT | 23 | -2 | 7.29 | 4.75 |
| RI PROVIDENCE | 29 | 1 | 7.02 | 3.14 |
| SC CHARLESTON | 48 | 0 | 1.04 | -2.41 |
| COLUMBIA | 44 | 0 | 2.90 | -1.52 |
| FLORENCE | 45 | 2 | 2.49 | -1.04 |
| GREENVILLE | 39 | -1 | 5.54 | 1.44 |
| SD ABERDEEN | 4 | -6 | 1.32 | 0.74 |
| HURON | 9 | -5 | 1.00 | 0.59 |
| RAPID CITY | 15 | -7 | 0.85 | 0.46 |
| SIOUX FALLS | 11 | -3 | 0.99 | 0.48 |
| TN BRISTOL | 34 | 0 | 6.52 | 3.29 |
| CHATTANOOGA | 38 | 1 | 7.99 | 3.10 |
| KNOXVILLE | 37 | 1 | 7.51 | 3.34 |
| MEMPHIS | 39 | 0 | 5.51 | 1.78 |
| NASHVILLE | 36 | 0 | 3.93 | 0.35 |
| TX ABILENE | 43 | 0 | 0.70 | -0.33 |
| AMARILLO | 35 | 0 | 0.07 | -0.43 |
| AUSTIN | 51 | 2 | 0.05 | -1.66 |
| BEAUMONT | 52 | 1 | 2.41 | -2.36 |
| BROWNSVILLE | 61 | 1 | 0.07 | -1.49 |
| CORPUS CHRISTI | 57 | 2 | 0.01 | -1.70 |
| DEL RIO | 53 | 4 | T | -1.11 |
| EL PASO | 47 | 4 | 0.11 | -0.29 |
| FORT WORTH | 43 | 1 | 0.97 | -0.84 |
| GALVESTON | 55 | 3 | 0.68 | -2.58 |
| HOUSTON | 52 | 2 | 0.88 | -2.89 |
| LAREDO | -- | -- | -- | -- |
| LUBBOCK | 39 | 1 | 0.19 | -0.20 |
| MIDLAND | 45 | 1 | 0.08 | -0.41 |
| SAN ANGELO | 46 | 2 | 0.06 | -0.74 |
| SAN ANTONIO | 51 | 2 | T | -1.71 |
| VICTORIA | 53 | 1 | 0.10 | -3.29 |
| WACO | 45 | -1 | 0.86 | -0.79 |
| WICHITA FALLS | 40 | 0 | 0.89 | -0.45 |
| UT BLANDING | -- | -- | -- | -- |
| UT CEDAR CITY | 34 | 5 | 0.84 | 0.15 |
| SALT LAKE CITY | 33 | 5 | 3.09 | 1.98 |
| VT BURLINGTON | 17 | 1 | 3.91 | 2.09 |
| VA LYNCHBURG | 34 | 0 | 6.33 | 3.47 |
| NORFOLK | 39 | -1 | 5.49 | 1.71 |
| RICHMOND | 34 | -2 | 3.50 | 0.26 |
| ROANOKE | 34 | -1 | 6.87 | 4.25 |
| WA COLVILLE | -- | -- | -- | -- |
| QUILLAYUTE | 40 | 0 | 15.58 | 1.21 |
| SEATTLE-TACOMA | 40 | 0 | 7.34 | 1.96 |
| SPOKANE | 26 | -1 | 2.08 | 0.10 |
| WALLA WALLA | 35 | 1 | -- | -- |
| YAKIMA | 27 | -3 | 1.31 | 0.10 |
| WV BECKLEY | 30 | 1 | 5.53 | 2.61 |
| CHARLESTON | 32 | 0 | 5.18 | 2.27 |
| ELKINS | 29 | 2 | 5.29 | -- |
| HUNTINGTON | 32 | 2 | 5.66 | 2.67 |
| PARKERSBURG | 30 | 0 | 3.28 | 0.09 |
| WI GREEN BAY | 14 | -1 | 1.77 | 0.62 |
| LACROSSE | 12 | -2 | 3.03 | 2.10 |
| MADISON | 15 | -1 | 2.53 | 1.37 |
| MILWAUKEE | 21 | 2 | 1.52 | -0.08 |
| WAUSAU | 11 | -1 | 2.12 | 1.18 |
| WY CASPER | 21 | -1 | 0.94 | 0.39 |
| CHEYENNE | 23 | -3 | 0.50 | 0.10 |
| LANDER | 20 | 0 | 0.67 | 0.19 |
| SHERIDAN | 17 | -4 | 0.67 | -0.06 |
| PR SAN JUAN | 78 | 1 | 5.76 | 2.95 |

Based on 1961-90 normals.

# December Weather in Historical Perspective

Wet weather in parts of the West was more than offset by dryness in the Central and Eastern States, resulting in the 26th driest December since 1895 (table 1, fig. 1). The Nation's average precipitation of 1.79 inches was 78 percent (%) of normal, with regional values ranging from 25% of normal in the Southwest (7th driest December) to 133% of normal in the West (31st wettest). Chronic dryness continued across the Plains' winter wheat areas, where October-December precipitation was the seventh lowest on record and only about 35% of normal (fig. 2).

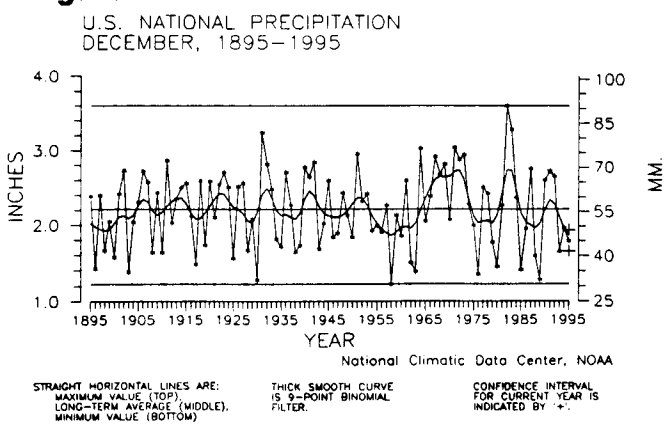
The Nation's average temperature of 33.9°F was 1.1°F above normal, the 47th warmest December in the past 101 years (fig. 3). December temperatures in the West region were 4.1°F above normal and the ninth highest on record. In contrast, readings averaged below normal in the East, where temperatures in 19 States were within the "cold" third of the historical distribution (fig. 4).

*--Brad Rippey*

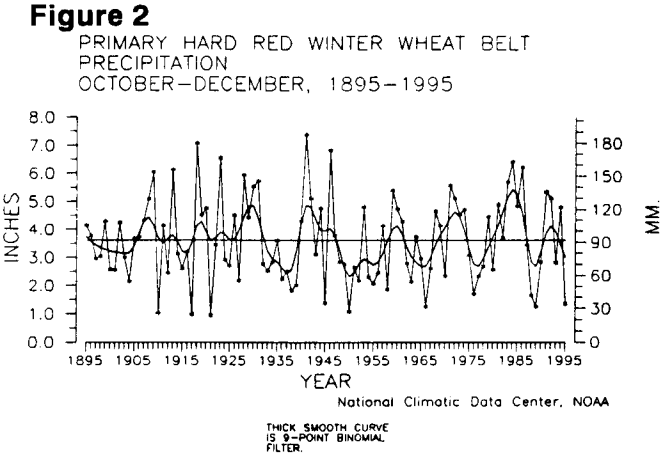
**Table 1. Temperature/Precipitation Rankings for December 1995**
**Based on the Period 1895-1995**
***1 = Driest/Coldest, 101 = Wettest/Hottest***

| Region | Precipitation | Temperature |
|---|---|---|
| Northeast | 13 | 22 |
| East North Central | 29 | 42 |
| Central | 23 | 33 |
| Southeast | 19 | 21 |
| West North Central | 16 | 52 |
| South | 42 | 56 |
| Southwest | 7 | 86 |
| Northwest | 60 | 73 |
| West | 71 | 93 |
| National | 26 | 55 |

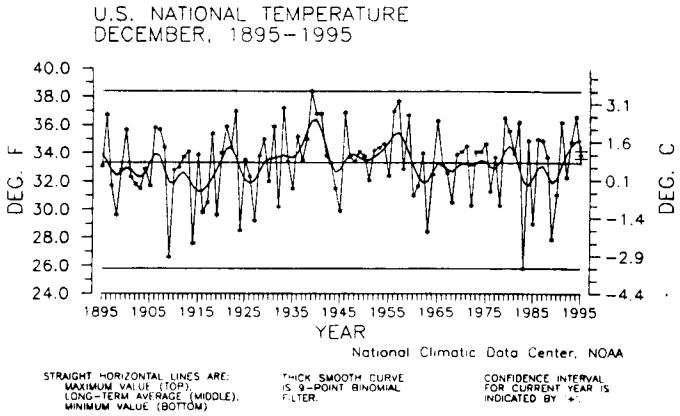
## Figure 1




## Figure 2

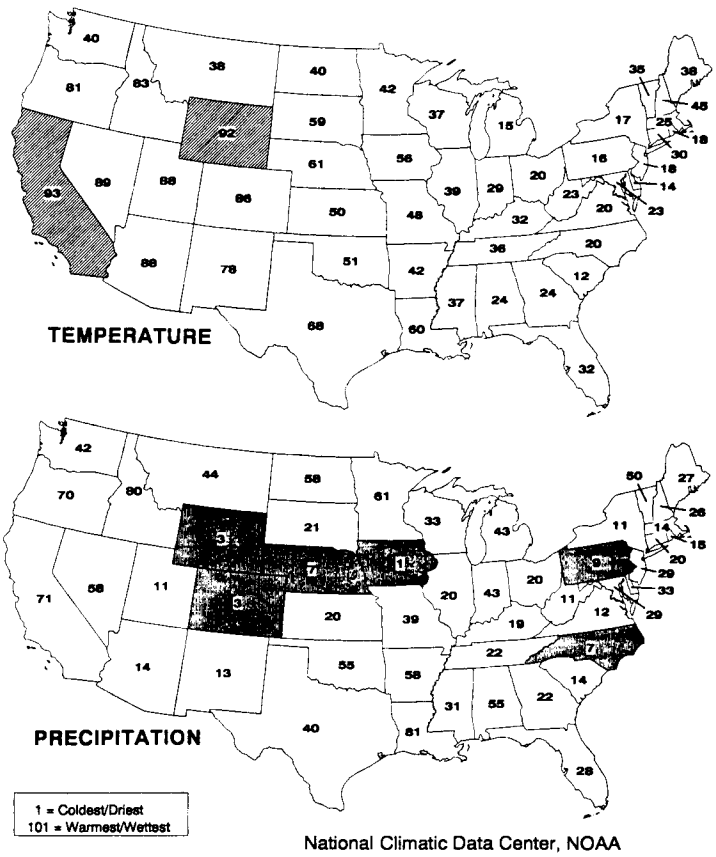



## Figure 3




## Figure 4

### DECEMBER 1995 STATEWIDE RANKS




Temperature and Precipitation Ranks for the contiguous United States. Each state is ranked based on its data from 1895-1995. States having a rank of top ten coldest or driest (rank 1-10) or top ten warmest or wettest (rank 92-101) are shaded.

# January Weather in Historical Perspective

**Note to readers**: Due to procedural changes at the National Climatic Data Center (NCDC), Asheville, NC, the *Weekly Weather and Crop Bulletin* will no longer publish a monthly "Historical Perspectives" feature. An announcement from NCDC read, in part: "Based on extensive studies conducted over the past year on preliminary precipitation data, it was decided that precipitation ranks will be provided only when final data is incorporated. We apologize for any inconvenience this may cause."

For those who need access to real-time monthly historical data, there are several options. NCDC will continue to provide preliminary monthly temperature rankings. Precipitation rankings will be categorized by region and State as "wet," "mid," or "dry." The data are accessible via Internet (**http://www.ncdc.noaa.gov/publications/cvb/cvb.html**). All other questions or requests for data should be directed to (704) 271-4800 or faxed to (704) 271-4876.

In addition, the Climate Prediction Center (CPC), Camp Springs, MD, is currently computing **experimental** historical temperature and precipitation rankings using different input data and averaging schemes than NCDC. CPC's summaries may be published in future issues of *The Climate Bulletin*, parts of which are available on the Internet at **http://nic.fb4.noaa.gov**, or which may be ordered by calling (301) 763-4670.

**Table 1. Temperature/Precipitation Rankings for January 1996**
**Based on the Period 1895-1996**
***1 = Driest/Coldest, 102 = Wettest/Hottest***

| Region | Precipitation | Temperature |
|---|---|---|
| Northeast | N/A | 24 |
| East North Central | N/A | 29 |
| Central | N/A | 35 |
| Southeast | N/A | 25 |
| West North Central | N/A | 31 |
| South | N/A | 48 |
| Southwest | N/A | 84 |
| Northwest | N/A | 70 |
| West | N/A | 97 |
| National | N/A | 45 |

# Record-Shattering Cold (Addendum to Last Week's Summary)

### *Preliminary All-Time State Record:*

| Location | Low/Date | Previous |
|---|---|---|
| Greene, RI | -25°F on Feb. 5 | -23°F at Kingston, Jan. 11, 1942 |

### *Coldest Since...*

| Location | Temp./Date | Previous |
|---|---|---|
| Little Rock, AR | 6°F on Feb. 4 | -2°F on Dec. 23, 1989 |
| Pittsburgh, PA | -6°F on Feb. 4 | -12°F on Jan. 21, 1994 |

### *All-Time Station Record:*

| Location | Low/Date | Previous |
|---|---|---|
| Helena, MT | -42°F on Feb. 2 | -42°F on Jan. 31, 1893 |

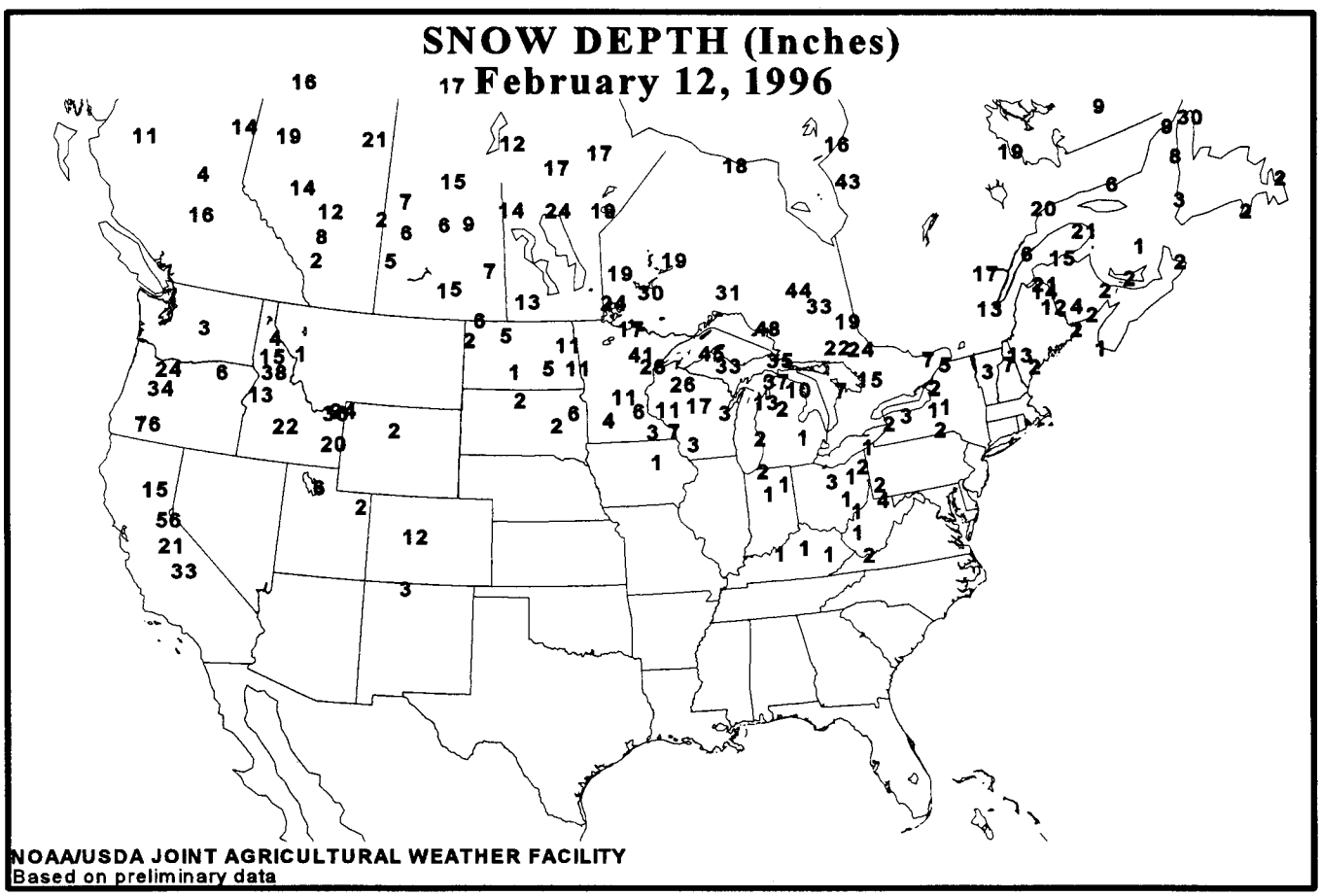
### *Selected February Records:*

| Location | Low/Date | Previous |
|---|---|---|
| Winona, MS | 0°F on Feb. 4 | not available |
| Beckley, WV | -16°F on Feb. 5 | not available |
| Charleston, WV | -12°F on Feb. 5 | not available |
| Bluefield, WV | -12°F on Feb. 5 | not available |

# National Agricultural Summary

## *HIGHLIGHTS for February 5 - 11, 1996*

Unseasonably warm weather and heavy rains melted the snowpack in the Pacific Northwest and caused considerable flooding. Damage to farm buildings and machinery was extensive and surpassed the November - December 1995 flood losses. The extent of the damage to winter crops was unknown, but significant livestock losses were reported. Dry conditions continued in the southern Great Plains and in some areas brought land preparation to a halt. Last week's snow and ice storms did not bring enough moisture to significantly reduce the dry conditions. Producers reported additional damage to the small grains from last week's cold weather. The damage has caused some producers to consider plowing up their wheat to plant other crops. Warm, windy weather in the central Great Plains significantly reduced the protective snow cover for winter wheat. Below-freezing temperatures in Florida's citrus belt burned some leaves, but the extent of fruit icing and overall damage was not considered significant. Dry, warm weather in south Florida helped plants recover from the February 5th freeze. Most vegetable acreage in Dade County and along Florida's southeastern coast benefited from growers' protective measures and escaped serious damage.



## International Weather and Crop Summary

**February 4 - 10, 1996**

### HIGHLIGHTS

**FSU-WESTERN:** Bitterly cold weather continued over winter grain areas.

**EUROPE:** Severe cold in northeastern Europe threatened winter crops.

**NORTHWESTERN AFRICA:** Wet weather benefited winter grains in Morocco, Algeria, and Tunisia.

**SOUTH AFRICA:** Dry weather dominated the corn belt, enhancing growth of reproductive to filling crops.

**AUSTRALIA:** Showers in eastern Australia benefited pastures and summer crops.

**EASTERN ASIA:** Seasonably warmer weather allowed winter grains and oilseeds to begin greening across Sichuan and the Yangtze Valley.

**SOUTHEAST ASIA:** Seasonable showers covered the central and southern Philippines and boosted main-season rice irrigation supplies across Java.

**SOUTH AMERICA:** In Argentina, variable rain and cool weather eased dryness for corn and soybeans in prime crop areas, but more rain is needed. In southern Brazil, widespread showers continued to benefit reproductive soybeans, but caused some flooding.

## January 1996

***MONTHLY DATA FROM SELECTED FOREIGN CITIES***
***CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA***
***** = DATA NOT AVAILABLE***

| COUNTRY | CITY | TEMPERATURE (C) AVG MAX | AVG MIN | HI MAX | LO MIN | AVG | DPART F/NRM | PRECIPITATION (MM) TOTAL | DPART F/NRM |
|---|---|---|---|---|---|---|---|---|---|
| NORWAY | OSLO | -6 | -10 | 1 | -25 | -8 | -0.7 | 37 | -22 |
| SWEDEN | STOCKHOLM | -2 | -6 | 2 | -20 | -4 | -1.5 | 5 | -33 |
| FINLND | HELSINKI | -5 | -8 | 1 | -20 | -6 | 0.3 | 6 | -36 |
| U KING | GLASGOW | 7 | 4 | 11 | -4 | 6 | 2.0 | 74 | -58 |
| | EDINBURGH | 7 | 4 | 11 | -3 | 5 | 1.8 | 26 | -32 |
| | BIRMINGHAM | 5 | 3 | 11 | -5 | 4 | 0.2 | 45 | -15 |
| | LONDON | 7 | 4 | 12 | -5 | 5 | 1.2 | 71 | -7 |
| IRELND | DUBLIN | 8 | 5 | 12 | -3 | 6 | 1.0 | 87 | 18 |
| ICELND | REYKJAVIK | 4 | 1 | 8 | -5 | 2 | 2.8 | 89 | 13 |
| DENMRK | COPENHAGEN | -1 | -3 | 2 | -13 | -2 | -1.9 | 1 | -48 |
| LUXEMB | LUXEMBOURG | 1 | -2 | 9 | -7 | -1 | -1.0 | 7 | -65 |
| SWITZL | ZURICH | 1 | -2 | 8 | -5 | 0 | -0.1 | 9 | -59 |
| | GENEVA | 4 | 2 | 9 | -2 | 3 | 2.1 | 43 | -37 |
| FRANCE | PARIS/ORLY | 7 | 2 | 14 | -5 | 4 | *** | 35 | ** |
| | STRASBOURG | 1 | -2 | 8 | -6 | 0 | -1.0 | 7 | -29 |
| | BOURGES | 9 | 3 | 14 | -3 | 6 | 2.6 | 75 | 15 |
| | BORDEAUX | 13 | 7 | 15 | 3 | 10 | 4.3 | 96 | 0 |
| | TOULOUSE | 13 | 7 | 17 | 1 | 10 | 4.8 | 50 | -3 |
| | MARSEILLE | 14 | 8 | 18 | 1 | 11 | 4.8 | 134 | 88 |
| SPAIN | VALLADOLID | 10 | 4 | 14 | 1 | 7 | 3.2 | 111 | 64 |
| | MADRID | 11 | 5 | 14 | 0 | 8 | 2.9 | 112 | 61 |
| | SEVILLE | 16 | 10 | 20 | 5 | 13 | 1.9 | 292 | 228 |
| PORTUG | LISBON | 15 | 10 | 18 | 7 | 12 | 1.2 | 400 | 281 |
| GERMNY | HAMBURG | -1 | -5 | 8 | -13 | -3 | -3.5 | 1 | -61 |
| | BERLIN | -2 | -6 | 5 | -14 | -4 | -3.9 | 1 | -42 |
| | DUSSELDORF | 3 | -1 | 11 | -9 | 1 | -0.9 | 2 | -61 |
| | LEIPZIG | -2 | -6 | 7 | -14 | -4 | -3.8 | 1 | -33 |
| | DRESDEN | -2 | -6 | 6 | -15 | -4 | -2.5 | 1 | -37 |
| | STUTTGART | 1 | -3 | 8 | -9 | -1 | -0.9 | 4 | -45 |
| | NURNBERG | 0 | -5 | 7 | -12 | -3 | -1.9 | 8 | -37 |
| AUSTRI | VIENNA | -2 | -4 | 7 | -17 | -3 | -1.8 | 61 | 33 |
| | INNSBRUCK | 5 | -3 | 14 | -10 | 1 | 2.6 | 24 | -24 |
| CZECH | PRAGUE | -3 | -6 | 3 | -13 | -5 | -2.4 | 7 | -16 |
| POLAND | WARSAW | -4 | -8 | 5 | -18 | -6 | -2.6 | 4 | -17 |
| | LODZ | -3 | -7 | 7 | -18 | -5 | -2.7 | 17 | -21 |
| | KATOWICE | -3 | -7 | 12 | -17 | -5 | -2.3 | 20 | -22 |
| | PRZEMYSL | -4 | -8 | 8 | -20 | -6 | -2.9 | 27 | -2 |
| HUNGAR | BUDAPEST | 0 | -4 | 6 | -9 | -2 | -0.6 | 32 | 0 |
| F YUGO | BELGRADE | 2 | -2 | 10 | -6 | 0 | -0.2 | 44 | -5 |
| ROMANI | BUCHAREST | -1 | -5 | 5 | -16 | -3 | -0.7 | 32 | -14 |
| BULGAR | SOFIA | 1 | -4 | 7 | -12 | -1 | 0.2 | 19 | -20 |
| ITALY | MILAN | 6 | 2 | 13 | -2 | 4 | 3.2 | 93 | 30 |
| | VERONA | 6 | 1 | 13 | -5 | 4 | 2.0 | 120 | 41 |
| | VENICE | 8 | 3 | 15 | -4 | 5 | 2.9 | 39 | -22 |
| | GENOA | 11 | 6 | 17 | 3 | 8 | 0.6 | 375 | 286 |
| | ROME | 15 | 7 | 19 | -1 | 11 | 2.5 | 77 | -7 |
| | NAPLES | 15 | 8 | 20 | 1 | 11 | 3.0 | 88 | -17 |
| GREECE | THESSALONIKA | 8 | 4 | 13 | -4 | 6 | 0.5 | 75 | 35 |
| | LARISSA | 9 | 4 | 16 | -7 | 6 | 1.2 | 63 | 4 |
| | ATHENS | 12 | 8 | 17 | 1 | 10 | -0.4 | 45 | -11 |
| TURKEY | ISTANBUL | 7 | 3 | 14 | -3 | 5 | -0.3 | 51 | -35 |
| | ANKARA | 4 | -3 | 11 | -13 | 1 | 0.1 | 23 | -9 |
| CYPRUS | LARNACA | 16 | 8 | 19 | 2 | 12 | -0.1 | 98 | 4 |
| ESTONI | TALLINN | -5 | -8 | -1 | -21 | -6 | -0.9 | 9 | -41 |
| FSU | ST.PETERSBRG | -5 | -9 | -1 | -19 | -7 | 0.7 | 20 | -16 |
| LITHUA | KAUNAS | -6 | -10 | 1 | -20 | -8 | -2.9 | 27 | -9 |
| FSU | MINSK | -7 | -11 | -2 | -23 | -9 | -2.3 | 57 | 19 |
| | KAZAN | ** | ** | -7 | -24 | ** | *** | ** | ** |
| | MOSCOW | -8 | -12 | -3 | -22 | -10 | -1.1 | 18 | -23 |
| | YEKATERINBURG | -12 | -16 | -7 | -27 | -14 | 0.0 | 11 | -12 |
| | OMSK | -18 | -24 | -8 | -37 | -21 | -3.6 | 17 | -5 |
| | KUSTANAY | -16 | -23 | -7 | -35 | -19 | -2.8 | 13 | -4 |
| | NOVOSIBIRSK | -19 | -24 | -5 | -37 | -21 | -1.8 | 20 | 0 |
| | BARNAUL | -17 | -25 | -2 | -36 | -21 | -6.3 | 35 | 11 |
| | KHABAROVSK | -16 | -25 | -4 | -35 | -21 | 0.2 | 5 | -7 |
| | VLADIVOSTOK | -8 | -14 | 2 | -26 | -11 | 2.2 | 5 | -7 |
| | KIEV | -7 | -12 | -3 | -18 | -10 | -4.3 | 35 | -6 |
| | LVOV | -5 | -10 | 1 | -20 | -7 | -3.0 | 28 | -9 |
| | KIROVOGRAD | -7 | -11 | 1 | -22 | -9 | -3.8 | 34 | -1 |
| | ODESSA | -4 | -7 | 1 | -15 | -5 | -3.8 | 21 | -23 |

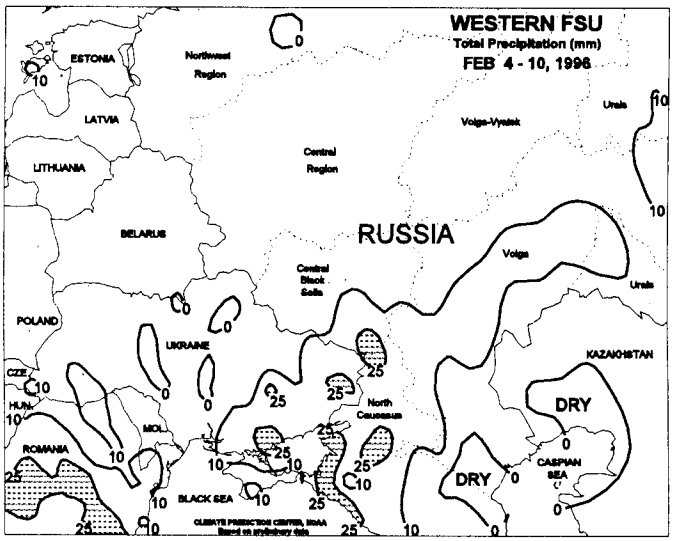
**Based on Preliminary Reports**

# January 1996

| COUNTRY | CITY | TEMPERATURE (C) AVG MAX | AVG MIN | HI MAX | LO MIN | AVG | DPART F/NRM | PRECIPITATION (MM) TOTAL | DPART F/NRM |
|---|---|---|---|---|---|---|---|---|---|
| FSU | YALTA | 5 | 1 | 11 | -5 | 3 | -0.8 | 81 | 15 |
| | SARATOV | -12 | -16 | -5 | -20 | -14 | -3.0 | 14 | -20 |
| | KHARKOV | -8 | -12 | -2 | -20 | -10 | -3.4 | 20 | -24 |
| | VOLGOGRAD | -10 | -16 | -2 | -22 | -13 | -4.4 | 18 | -18 |
| | ROSTOV | -6 | -11 | -1 | -16 | -9 | -4.0 | 8 | -44 |
| | ASTRAKHAN | -2 | -11 | 2 | -18 | -7 | -1.4 | 7 | -6 |
| | KRASNODAR | 1 | -5 | 6 | -14 | -2 | -1.9 | 16 | -50 |
| | ORENBURG | -16 | -23 | -8 | -29 | -19 | -5.9 | 36 | 9 |
| | TSELINOGRAD | -17 | -24 | -5 | -38 | -21 | -3.4 | 19 | 12 |
| | KARAGANDA | -15 | -23 | -6 | -36 | -19 | -5.8 | 8 | -11 |
| | TBILISI | 4 | -1 | 14 | -6 | ** | *** | 21 | 1 |
| | TASHKENT | 5 | -3 | 18 | -14 | 1 | -0.8 | 16 | -37 |
| | ASHKHABAD | 7 | -4 | 19 | -13 | 2 | -0.5 | 6 | -19 |
| SYRIA | DAMASCUS | 12 | 2 | 18 | -4 | 7 | 0.9 | 48 | 14 |
| ISRAEL | JERUSALEM | ** | ** | 28 | 14 | ** | *** | ** | ** |
| PAKIST | KARACHI | 25 | 11 | 29 | 6 | 18 | 0.2 | 13 | 7 |
| INDIA | AMRITSAR | 19 | 5 | 23 | 2 | 12 | 0.2 | 33 | 8 |
| | NEW DELHI | 21 | 8 | 24 | 5 | 15 | 0.5 | 7 | -10 |
| | AHMEDABAD | 28 | 14 | 31 | 8 | 21 | 0.7 | 0 | -2 |
| | INDORE | 27 | 12 | 32 | 7 | 19 | 1.4 | 17 | 12 |
| | CALCUTTA | 26 | 14 | 30 | 9 | 20 | 0.2 | 13 | 2 |
| | VERAVAL | 29 | 16 | 33 | 11 | 23 | 1.0 | 18 | 17 |
| | BOMBAY | 30 | 17 | 34 | 14 | 24 | 0.3 | 1 | 1 |
| | POONA | 31 | 13 | 33 | 8 | 22 | 1.3 | 0 | 0 |
| | BEGAMPET | 30 | 17 | 33 | 15 | 24 | 1.8 | 0 | -5 |
| | VISHAKHAPATNAM | 28 | 22 | 29 | 19 | 25 | *** | 0 | ** |
| | MADRAS | 30 | 21 | 32 | 19 | 25 | 0.7 | 2 | -25 |
| | MANGALORE | 34 | 21 | 35 | 20 | 28 | 0.9 | 0 | -5 |
| H KONG | KINGS PEAK | 21 | 15 | 26 | 11 | 18 | *** | 0 | ** |
| N KREA | PYONGYANG | -1 | -14 | 8 | -21 | -7 | 1.6 | 18 | 9 |
| S KREA | SEOUL | 2 | -6 | 10 | -11 | -2 | 3.1 | 18 | 1 |
| JAPAN | SAPPORO | -1 | -6 | 5 | -13 | -4 | 0.7 | 163 | 55 |
| | NAGOYA | 9 | 1 | 14 | -3 | 5 | 1.4 | 22 | -22 |
| | TOKYO | 10 | 3 | 20 | 0 | 7 | 1.6 | 13 | -32 |
| | YOKOHAMA | 10 | 3 | 20 | 0 | 7 | 1.7 | 19 | -42 |
| | KYOTO | 9 | 2 | 15 | -2 | 5 | 1.4 | 38 | -19 |
| | OSAKA | 10 | 4 | 15 | -1 | 7 | 1.3 | 37 | -10 |
| THAILN | PHETCHABUN | 33 | 16 | 35 | 9 | 25 | 1.8 | 0 | -9 |
| | BANGKOK | 32 | 23 | 35 | 17 | 28 | 1.3 | 0 | -8 |
| MALAYS | KUALA LUMPUR | 32 | 23 | 35 | 22 | 28 | 1.5 | 271 | 107 |
| VIETNM | HANOI | 20 | 14 | 26 | 8 | 17 | 0.2 | 8 | -10 |
| CHINA | HARBIN | -10 | -20 | 1 | -28 | -15 | 5.2 | 0 | -3 |
| | HAMI | -5 | -19 | 1 | -23 | -12 | -1.7 | 1 | 0 |
| | LANCHOW | 1 | -9 | 7 | -12 | -4 | 1.9 | 0 | -1 |
| | BEIJING | 3 | -6 | 8 | -10 | -2 | 2.4 | 0 | -2 |
| | TIENTSIN | 2 | -8 | 7 | -10 | -3 | 0.6 | 2 | -1 |
| | LHASA | 9 | -6 | 18 | -11 | 1 | 2.9 | 0 | 0 |
| | KUNMING | 16 | 3 | 19 | 1 | 10 | 1.9 | 0 | -13 |
| | CHENGCHOW | 6 | -4 | 17 | -10 | 1 | 0.2 | 1 | -12 |
| | YEHCHANG | 8 | 2 | 21 | -2 | 5 | 0.7 | 27 | 7 |
| | HANKOW | 8 | 2 | 19 | -2 | 5 | 1.7 | 58 | 24 |
| | CHUNGKING | 8 | 5 | 12 | 2 | 7 | *** | 25 | ** |
| | CHIHKIANG | 8 | 2 | 22 | -3 | 5 | 0.5 | 48 | 9 |
| | WU HU | 7 | 0 | 17 | -4 | 4 | *** | 96 | ** |
| | SHANGHAI | 8 | 2 | 18 | -4 | 5 | *** | 91 | ** |
| | NANCHANG | 9 | 3 | 19 | -1 | 6 | 1.1 | 128 | 72 |
| | TAIPEI | 18 | 14 | 25 | 9 | 16 | 0.8 | 20 | -70 |
| | CANTON | 18 | 11 | 25 | 6 | 15 | 1.2 | 15 | -29 |
| | NANNING | 15 | 9 | 25 | 6 | 12 | -0.4 | 13 | -22 |
| CNRY I | LAS PALMAS | 23 | 16 | 25 | 8 | 19 | 2.0 | 28 | 12 |
| MOROCC | CASABLANCA | 18 | 12 | 24 | 9 | 15 | 2.7 | 312 | 247 |
| | MARRAKECH | 18 | 10 | 27 | 6 | 14 | 2.5 | 110 | 86 |
| ALGERI | ALGER | 19 | 10 | 25 | 5 | 15 | 3.7 | 92 | -4 |
| | BATNA | ** | ** | 22 | -3 | ** | *** | ** | ** |
| TUNISI | TUNIS | 17 | 10 | 22 | 4 | 14 | 2.1 | 67 | -6 |
| NIGER | NIAMEY | 35 | 18 | 38 | 14 | 26 | 2.2 | 0 | 0 |
| MALI | TIMBUKTU | 33 | 17 | 40 | 12 | 25 | 3.7 | 0 | 0 |
| | BAMAKO | 35 | 20 | 40 | 16 | 28 | 2.8 | 0 | 0 |
| MAURIT | NOUAKCHOTT | 31 | 16 | 37 | 11 | 23 | 2.2 | 0 | 0 |
| SENEGL | DAKAR | 26 | 18 | 33 | 16 | 22 | 1.3 | 0 | -2 |
| CHAG A | DIEGO GARCIA | 30 | 26 | 32 | 21 | 28 | 0.7 | 314 | -13 |
| LIBYA | TRIPOLI | 19 | 10 | 24 | 6 | 14 | 2.3 | 24 | -35 |
| | BENGHAZI | 17 | 10 | 20 | 6 | 13 | 0.7 | 47 | -18 |
| EGYPT | CAIRO | 19 | 10 | 26 | 6 | 15 | 0.7 | 3 | -3 |
| | ASWAN | 24 | 10 | 31 | 4 | 17 | 1.3 | 0 | 0 |

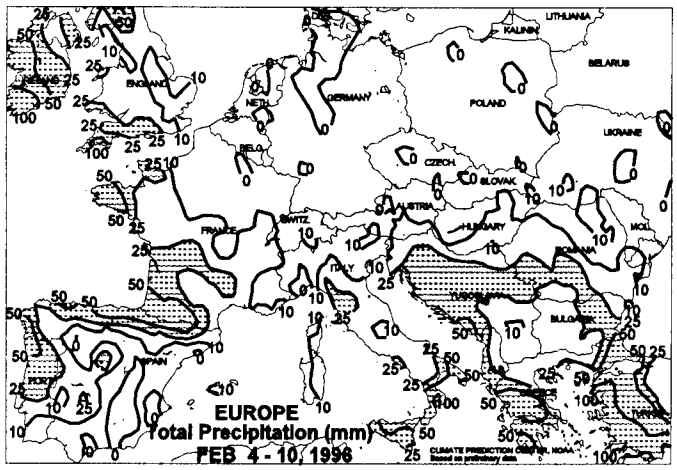
| COUNTRY | CITY | TEMPERATURE (C) AVG MAX | AVG MIN | HI MAX | LO MIN | AVG | DPART F/NRM | PRECIPITATION (MM) TOTAL | DPART F/NRM |
|---|---|---|---|---|---|---|---|---|---|
| ETHIOP | ADDIS ABABA | 23 | 9 | 27 | 5 | 16 | 0.2 | 36 | 11 |
| KENYA | NAIROBI | 28 | 13 | 31 | 9 | 21 | 1.3 | 38 | -4 |
| TANZAN | DAR ES SALAAM | 32 | 25 | 33 | 22 | 29 | 1.2 | 28 | -57 |
| TOGO | LOME | 33 | 25 | 33 | 23 | 29 | 2.0 | 0 | -14 |
| B FASO | OUAGADOUGOU | 36 | 18 | 40 | 14 | 27 | 2.5 | 0 | 0 |
| IVRY C | ABIDJAN | 31 | 25 | 37 | 22 | 28 | 1.3 | 0 | -17 |
| MOZAMB | MAPUTO | ** | ** | 36 | 19 | ** | *** | ** | ** |
| ZAMBIA | LUSAKA | ** | ** | 30 | 16 | ** | *** | 131 | -99 |
| ZIMBAB | HARARE | 26 | 17 | 30 | 13 | 21 | 0.9 | 287 | 95 |
| S AFRI | PRETORIA | 28 | 18 | 33 | 13 | 23 | 0.6 | 246 | 111 |
| | JOHANNESBURG | 25 | 14 | 30 | 8 | 20 | 0.2 | 173 | 48 |
| | BETHAL | 25 | 14 | 30 | 7 | 20 | 0.3 | 84 | -50 |
| | DURBAN | 27 | 21 | 31 | 16 | 24 | 0.1 | 410 | 276 |
| | CAPE TOWN | 27 | 16 | 34 | 11 | 22 | 1.4 | 2 | -12 |
| CANADA | TORONTO | -2 | -11 | 12 | -22 | -7 | -0.1 | 73 | 27 |
| | MONTREAL | -6 | -16 | 13 | -28 | -11 | -0.3 | 79 | 16 |
| | WINNIPEG | -18 | -28 | 3 | -39 | -23 | -4.6 | 6 | -13 |
| | REGINA | -17 | -27 | 4 | -37 | -22 | -5.2 | 12 | -3 |
| | SASKATOON | -19 | -30 | 6 | -42 | -25 | -7.2 | 20 | 4 |
| | LETHBRIDGE | -6 | -22 | 12 | -39 | -14 | -5.8 | 13 | -7 |
| | CALGARY | -10 | -21 | 12 | -36 | -16 | -6.6 | 28 | 16 |
| | EDMONTON | -12 | -24 | 10 | -38 | -18 | -5.5 | 4 | -19 |
| | VANCOUVER | 5 | 0 | 13 | -12 | 3 | -0.1 | 160 | 10 |
| MEXICO | GUADALAJARA | 22 | 5 | 30 | 2 | 14 | -1.9 | 0 | -12 |
| | MEXICO CITY | 23 | 7 | 26 | 3 | 15 | 2.6 | 0 | -5 |
| | ACAPULCO | 31 | 21 | 33 | 17 | 26 | -0.3 | 0 | -5 |
| BERMUD | ST. GEORGES | 19 | 16 | 22 | 11 | 17 | -0.6 | 164 | 39 |
| BAHAMA | NASSAU | 25 | 18 | 29 | 10 | 22 | 0.6 | 22 | -24 |
| JAMAIC | KINGSTON | 31 | 24 | 34 | 21 | 28 | 1.8 | 5 | -18 |
| P RICO | SAN JUAN | 29 | 22 | 31 | 20 | 26 | 0.6 | 146 | 75 |
| GUADEL | RAIZET | 30 | 21 | 31 | 18 | 25 | 1.3 | 35 | -23 |
| MARINQ | LAMENTIN | 29 | 22 | 30 | 17 | 26 | 1.5 | 56 | -58 |
| BARBAD | BRIDGETOWN | 30 | 23 | 31 | 19 | 26 | 0.9 | 16 | -47 |
| TRINID | PORT OF SPAIN | 32 | 22 | 35 | 18 | 27 | 2.0 | 41 | -26 |
| COLOMB | BOGOTA | 20 | 4 | 22 | -1 | 12 | -1.2 | 48 | 15 |
| VENEZU | CARACAS | 30 | 22 | 31 | 18 | 26 | 1.5 | 23 | -8 |
| F GUIA | CAYENNE | 29 | 23 | 32 | 22 | 26 | 0.7 | 508 | 80 |
| BRAZIL | FORTALEZA | 30 | 24 | 30 | 22 | 27 | -0.2 | 104 | -27 |
| | RECIFE | 29 | 25 | 30 | 22 | 27 | 0.2 | 99 | 8 |
| | BELO HORIZONTE | 29 | 20 | 32 | 17 | 25 | 1.5 | 170 | -128 |
| | CAMPO GRANDE | 29 | 21 | 33 | 19 | 25 | 0.1 | 228 | -57 |
| | FRANCA | 27 | 19 | 31 | 17 | 23 | 4.1 | 201 | -96 |
| | LONDRINA | ** | 21 | 33 | 19 | ** | *** | 208 | -15 |
| | SANTA MARIA | 30 | 20 | 37 | 16 | 25 | 0.2 | 446 | 301 |
| | PORTO ALEGRE | 30 | 21 | 37 | 15 | 25 | 0.4 | 389 | 270 |
| PERU | LIMA | 26 | 19 | 28 | 18 | 23 | 0.0 | 0 | 0 |
| BOLIVI | LA PAZ | 14 | 4 | 19 | 2 | 9 | -0.3 | 183 | 40 |
| CHILE | SANTIAGO | 29 | 11 | 33 | 9 | 20 | -0.8 | 1 | 1 |
| ARGENT | IGUAZU | 32 | 21 | 35 | 17 | 27 | *** | 170 | ** |
| | FORMOSA | 34 | 23 | 41 | 18 | 28 | 0.9 | 163 | 17 |
| | CERES | 30 | 18 | 36 | 15 | 24 | -1.3 | 198 | 68 |
| | CORDOBA | 29 | 17 | 37 | 14 | 23 | -0.7 | 151 | 25 |
| | RIO CUARTO | 28 | 17 | 35 | 13 | 23 | -0.4 | 72 | -55 |
| | ROSARIO | 30 | 18 | 35 | 12 | 24 | -0.3 | 54 | -51 |
| | BUENOS AIRES | 30 | 17 | 36 | 10 | 24 | 0.3 | 5 | -91 |
| | SANTA ROSA | 30 | 16 | 37 | 9 | 23 | -0.7 | 190 | 118 |
| | TRES ARROYOS | 28 | 14 | 40 | 5 | 21 | -0.1 | 67 | -13 |
| N CALD | NOUMEA | 31 | 24 | 34 | 21 | 28 | 1.8 | 71 | -42 |
| FIJI | NAUSORI | 29 | 23 | 32 | 22 | 26 | 0.2 | 444 | 126 |
| SAMOA | PAGO PAGO | 32 | 25 | 34 | 24 | 28 | 1.2 | 301 | -34 |
| TAHITI | PAPEETE | 31 | 24 | 33 | 22 | 27 | 0.6 | 98 | -219 |
| PA N G | PORT MORESBY | 31 | 24 | 34 | 23 | 27 | -0.1 | 190 | -101 |
| AUSTRL | DARWIN | 31 | 26 | 33 | 24 | 28 | 0.1 | 302 | -127 |
| | BRISBANE | 28 | 22 | 32 | 19 | 25 | -0.5 | 256 | 88 |
| | PERTH | 30 | 17 | 39 | 13 | 23 | -0.9 | 2 | -7 |
| | CEDUNA | 25 | 14 | 44 | 9 | 19 | -2.5 | 0 | -10 |
| | ADELAIDE | 25 | 14 | 41 | 11 | 20 | -2.0 | 20 | -16 |
| | MELBOURNE | 23 | 13 | 38 | 9 | 18 | -1.7 | 18 | -22 |
| | WAGGA | 29 | 16 | 38 | 8 | 22 | -1.4 | 74 | 27 |
| | CANBERRA | 25 | 13 | 33 | 6 | 19 | -1.3 | 76 | 22 |
| INDONE | DJAKARTA | 30 | 23 | 33 | 21 | 27 | 0.7 | 419 | ** |
| PHILIP | MANILA | 29 | 22 | 32 | 20 | 26 | -0.3 | 7 | -12 |

**Based on Preliminary Reports**




## FSU-WESTERN

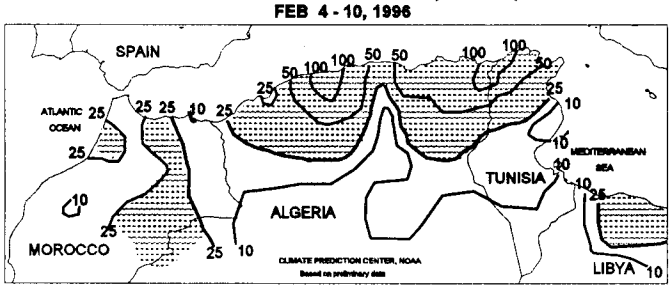
Bitterly cold weather continued over winter grain areas in Russia, Ukraine, Belarus, and the Baltics and was accompanied by light snow or flurries. Greatest amounts of snow (10-25 mm liquid equivalent) fell over the eastern Ukraine, North Caucasus, and the lower Volga Valley. Precipitation amounts over the remainder of the region ranged from 2 to 10 mm. Lowest temperatures during the week were reported in northern Russia, Belarus, and the Baltics, where minimum temperatures ranged from -25 to -36 degrees C. Some localized damage to winter grains in these areas was possible, especially in Belarus and the Baltics where snow cover was not as deep as that farther east in northern Russia. In traditional winter wheat areas of Ukraine and southern Russia, minimum temperatures ranged from -9 to -25 degrees C. An adequate snow cover in these areas protected the crop from potential winterkill.




## EUROPE

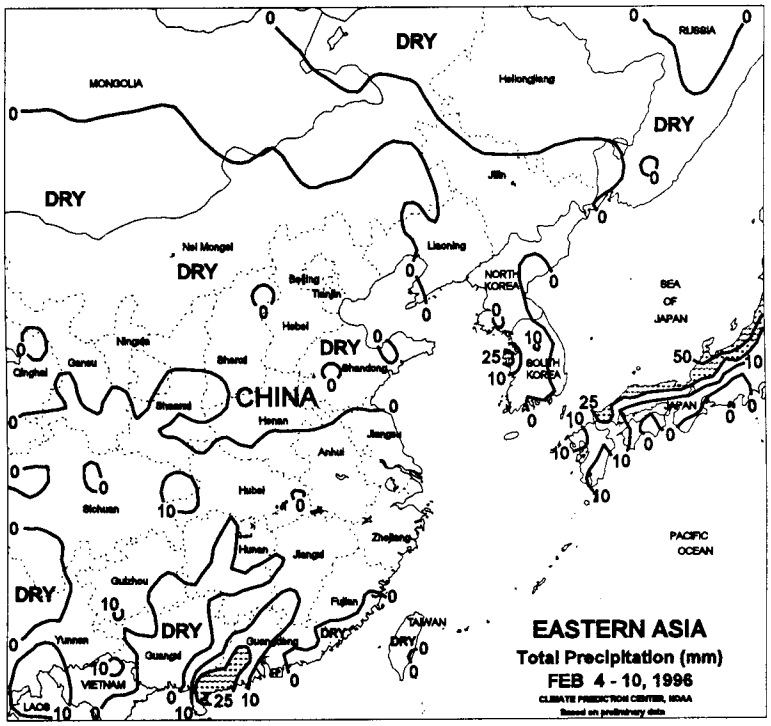
Stormy weather covered western and southern Europe during the week, while severe cold settled in over crop areas in the northeast. Snow (10-25 mm liquid equivalent) blanketed winter grains in England, northern France, Italy, Hungary, former Yugoslavia, and Romania, providing a protective snow cover. Welcomed drier weather prevailed over the Iberian peninsula, where rainfall ranged from 3 to 25 mm, with local amounts exceeding 25 mm. Severe cold extended from northeastern Germany eastward through Poland, where extreme minimum temperatures ranged from -17 to -25 degrees C. Variable snow cover in these areas increased the likelihood for some crop damage, especially to winter rapeseed and winter barley which are less resistent to extreme cold than winter wheat or rye. Weekly temperatures averaged 7 to 9 degrees C below normal over northeastern Europe.

**NORTHWEST AFRICA Total Precipitation (mm)**
**FEB 4 - 10, 1996**



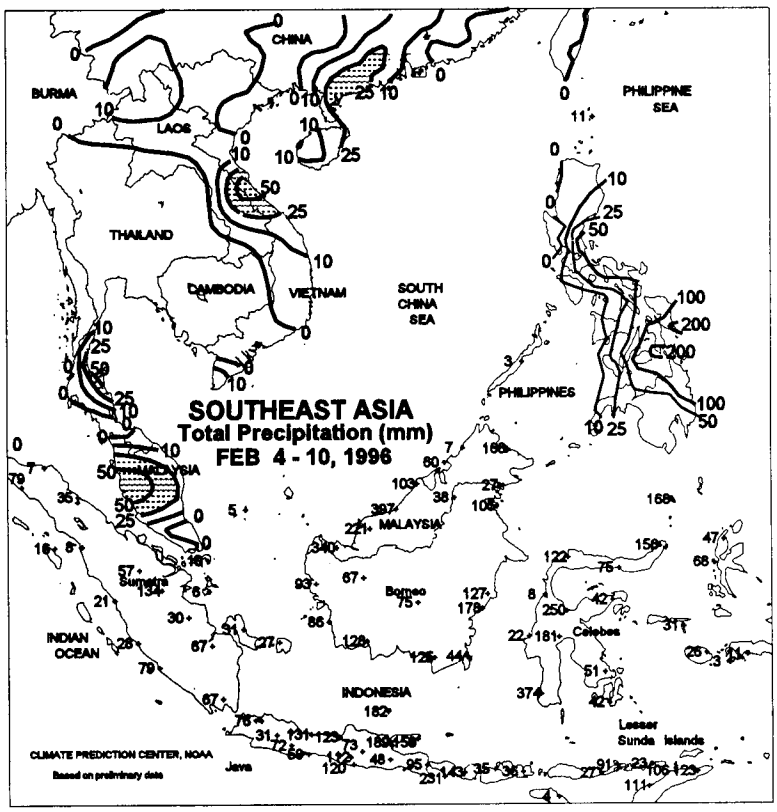

## NORTHWESTERN AFRICA

Showers (10-25 mm) continued over winter grain areas in Morocco, but precipitation amounts tapered off from the heavy rainfall of previous weeks. The precipitation maintained abundant soil moisture levels for crop development. Moderate to occasionally heavy rain (25-100 mm) over Algeria and Tunisia boosted soil moisture levels depleted by previous dryness. Although winter grains over most of the region are well-watered, timely rains will still be needed during the reproductive phase of development, typically from mid-March to mid-April, to maintain current favorable crop prospects.



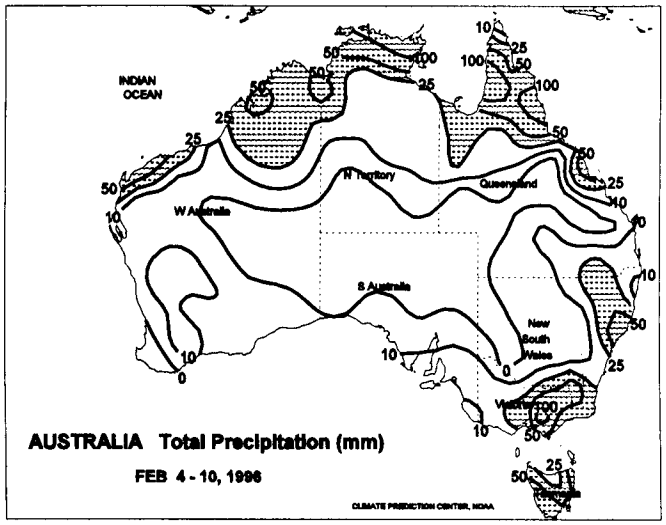

## EASTERN ASIA

Seasonably warmer weather allowed winter grains and oilseeds to begin greening across Sichuan and the Yangtze Valley. Temperatures were still cool enough (weekly average temperatures below 5 degrees C) to keep winter wheat dormant across the North China Plain. Typically, winter wheat breaks dormancy from late-February across the southern North China Plain (northern Anhui and Jiangsu) to mid-March in the north (Shanxi and central Hebei).



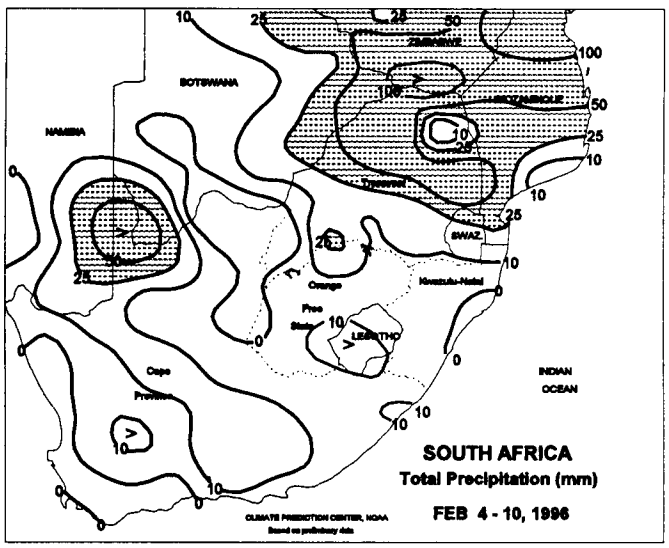

## SOUTHEAST ASIA

Seasonable heavy showers (25-125 mm, with isolated amounts greater than 200 mm) covered most of the Philippines (southern Luzon southward into Mindanao), maintaining irrigation supplies for secondary crops. The rain possibly caused isolated flooding across the east-central Islands, which had been plagued by excessive moisture. In Vietnam, little or no rain fell across the primary rice areas, but rainfall the past several weeks has increased irrigation supplies for winter-spring rice. In Java, widespread showers (30-125 mm) boosted irrigation supplies for main-season rice.



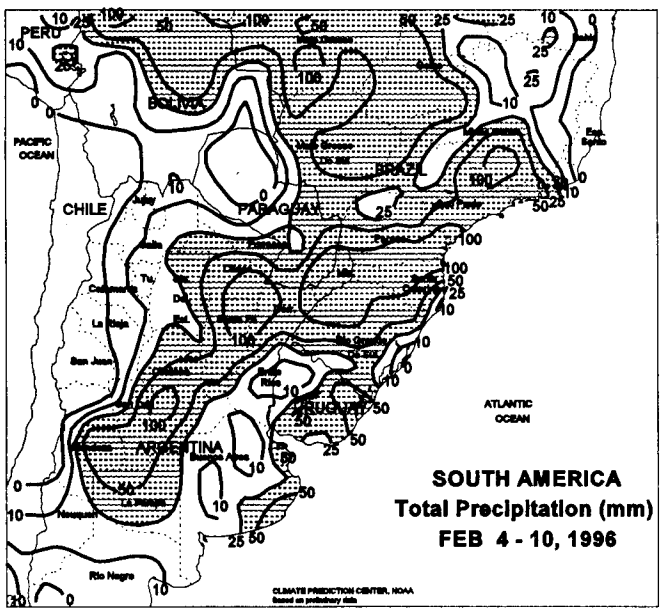

## AUSTRALIA

Light to moderate rain (5-25 mm or more, exceeding 50 mm locally) fell throughout eastern Australia. In the main crop areas, heaviest rain fell from southeastern Queensland to Victoria, benefiting pastures, cotton, sorghum, and sugarcane. Dry pockets lingered, however, in Queensland's northern summer crop areas. In the south, showers (5-21 mm) benefited pastures as far west as South Australia and ended a brief heat wave. Weekly temperatures averaged near to below normal, but highs ranged from 35 to 42 degrees C prior to the frontal passage. In New Zealand, moderate to heavy rain (15-50 mm or more) benefited pastures in North Island and northern South Island.




## SOUTH AFRICA

Dry weather dominated the corn belt, with only a few locations reporting more than 15 mm of rainfall. In the west, temperatures averaged near to above normal, with highs reaching the mid 30's C in western crop areas of Orange Free State and North West. Near-normal temperatures prevailed in the eastern corn belt with highs approaching 30 C. Corn was reproductive to filling and needed the warmer weather for crop growth. The exception was the far west where hot, dry weather caused some stress. In Kwazulu-Natal, dry weather prevailed for the second week, favoring sugarcane that had recently experienced some flooding.




## SOUTH AMERICA

In Argentina, variable showers brought additional relief to summer crops. The main soybean areas of southern Santa Fe and northern Buenos Aires received 5 to 20 mm, just enough to meet current crop water demand, but insufficient to recharge soil moisture. Favorably cool weather (weekly temperatures averaging 1-4 degrees C below normal) across central Argentina helped to ease crop water demand. Farther west, in northern La Pampa and southern Cordoba, widespread showers (30-60 mm, with an isolated amount greater than 150 mm) boosted soil moisture for reproductive soybeans and filling corn. Across northern Argentina, heavy showers (75-150 mm) aided late-filling cotton but caused some local flooding. In southern Brazil, widespread showers (25-75 mm) covered most crop areas, aiding reproductive soybeans. Heavier showers (100-150 mm) fell across northwestern Rio Grande do Sul, western Santa Catarina, and southern Parana, keeping soil moisture levels high, but also causing local flooding. Presently, the wet weather should have little impact on corn and soybeans, but could affect cotton that is nearing maturation. Temperatures averaged near normal across extreme southern Brazil and 2 to 3 degrees C above normal across the rest of southern Brazil. In southern Paraguay, widespread rain (20-50 mm, with isolated amounts greater than 100 mm) favored soybeans and cotton.

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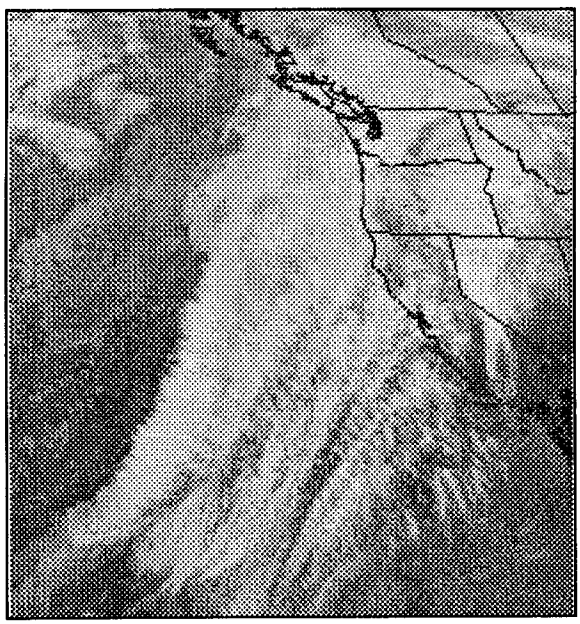

**GOES-9 IR, February 8, 1996, 18:00 UTC**

*(Continued from front cover)*
Arctic air reached the **Gulf Coast States** early in the week, setting all-time barometric pressure readings in **Baton Rouge, LA** (30.82 inches on February 4) and **Tallahassee, FL** (30.74 inches on February 5). On Sunday, daily records included -10°F in **Parkersburg, WV** and -11°F in **Tulsa, OK**, their lowest temperature since January 1930 and sixth lowest all-time. Temperatures rebounded across the **High Plains** and **Midwest**, however, as the mercury reached 52°F in **Pueblo, CO** after a low of -14°F, while a stretch of sub-zero weather ended at a record 139 hours in **Waterloo, IA.**

On Monday, February records were tied or broken in about a dozen locations, including **Elkins, WV** (-22°F), **Bristol, TN** (-15°F), **Raleigh-Durham, NC** (0°F), and **New Orleans, LA** (16°F). For the third time this season (also December 25 and January 9), sub-freezing temperatures reached into **southwestern Florida**, where lows dipped to 29°F in **Ft. Myers** and 27°F in **Immokalee**. In **west-central Florida**, both **Tampa** and **Plant City** recorded lows of 25°F. Citrus trees incurred only minor leaf damage with icing reported in some fruit. Some ground crops in **west-central and southwestern Florida** were severely damaged.

Heavy rain arrived in **California** on Sunday, but shifted northward a day later. In **central California**, 72-hour (February 2-5) rainfall reached 6.48 inches in **Kentfield** and 7.25 inches at **Blue Canyon**. Farther north, severe flooding struck **western Oregon**, where early-February totals along the **Williamette River** reached 9.55 inches in **Eugene**, 8.44 inches in **Salem**, and 7.12 inches in **Portland**. On Friday, after rain ended across the **Northwest**, the **Williamette River** crested about 18 feet above flood stage (a.f.s.) at **Oregon City**. In **southwestern Washington**, crests on the **Cowlitz River** at **Randle** (6.2 feet a.f.s) and **Castle Rock** (9.1 feet a.f.s) broke records that were set on November 30, 1995, while the high-water mark at **Kelso** (9.0 feet a.f.s) shattered the record set during the "100-year flood" of late-November 1990. Several gauging stations along the **Chehalis and Skookumchuck Rivers** set crest records that had stood since January 10, 1990. **East of the Cascades**, several towns along the **Yakima River** broke crest records on February 9-10 that had stood since December 1933 or December 1977. Rain and snowmelt also caused significant flooding in **northern Idaho** and **western Montana**.

On Wednesday, temperatures soared to daily-record levels in the **central Plains**, where highs reached 72°F at both **McCook, NE** and **Hill City, KS**. Farther west, **Thermal, CA** notched 95°F. Despite wetness, record warmth also covered the **Northwest** on Thursday, as highs in **Oregon** climbed to 70°F in **Medford** and 62°F in **Salem**. Warmth intensified across the **Plains** on February 9, pushing highs to 70°F as far north as **Billings, MT** and to 80°F as far north as **McCook, NE**. In **Colorado, Pueblo's** high of 78°F came just 6 days after a low of -26°F.

At week's end, a dynamic low-pressure system tracked eastward across the **Nation's northern tier**, trailed by a Pacific-origin high-pressure system. Between circulation centers, high winds raked the **Midwest** and the **Plains**. Northerly component wind gusts reached 66 mph in **Aberdeen, SD**, 56 mph in **Ft. Wayne, IN**, and 53 mph in both **North Platte, NE** and **Midland, TX**. Before the cooler air reached **Texas**, daily-record highs included 85°F in **San Angelo** and 87°F in **Abilene**. Meanwhile on **Michigan's Upper Peninsula**, snowfall on Saturday totaled 5.8 inches in **Marquette** and 7.3 inches in **Sault Sainte Marie**, padding their all-time record seasonal total to 190.9 inches.

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