

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

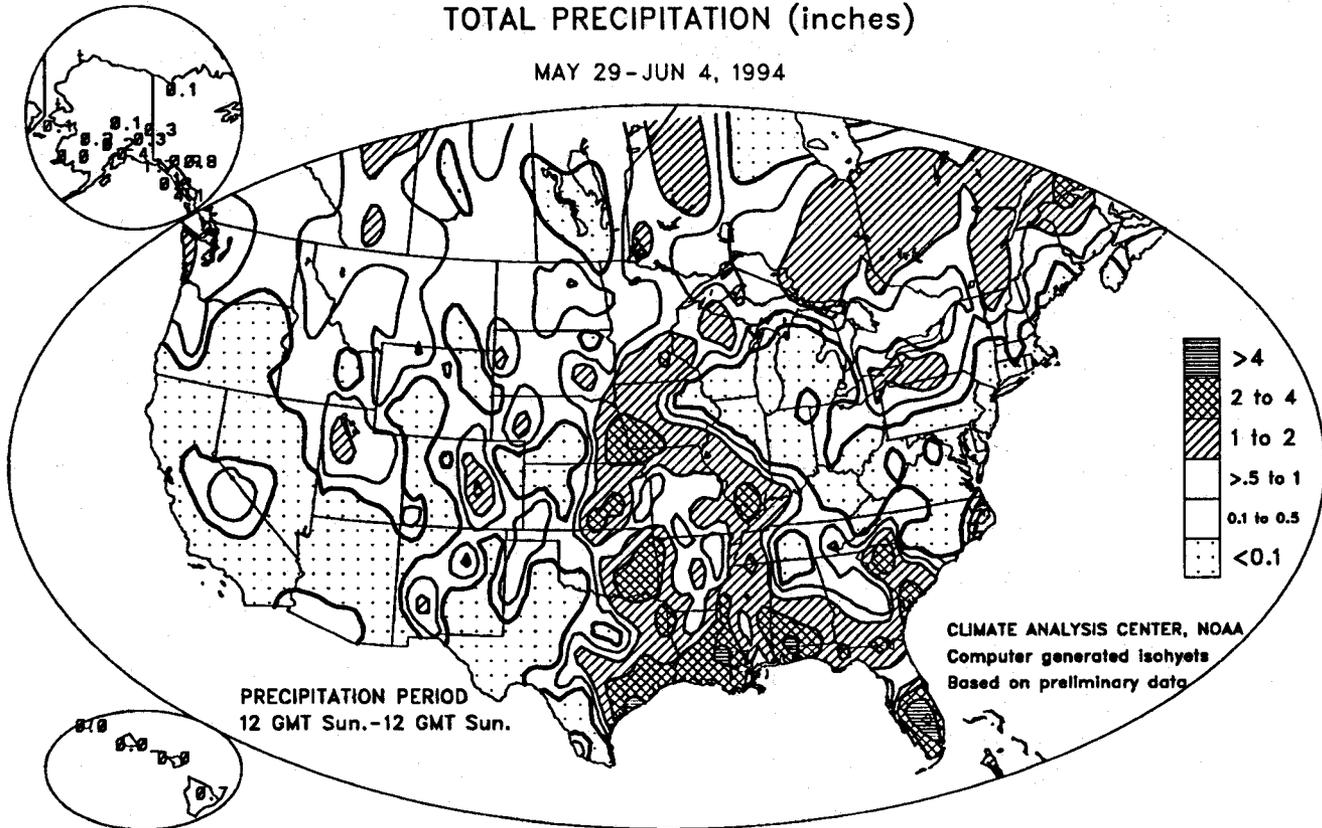
Volume 81, No. 23

Washington, D.C.

June 7, 1994

TOTAL PRECIPITATION (inches)

MAY 29 - JUN 4, 1994



HIGHLIGHTS

May 29 - June 4, 1994

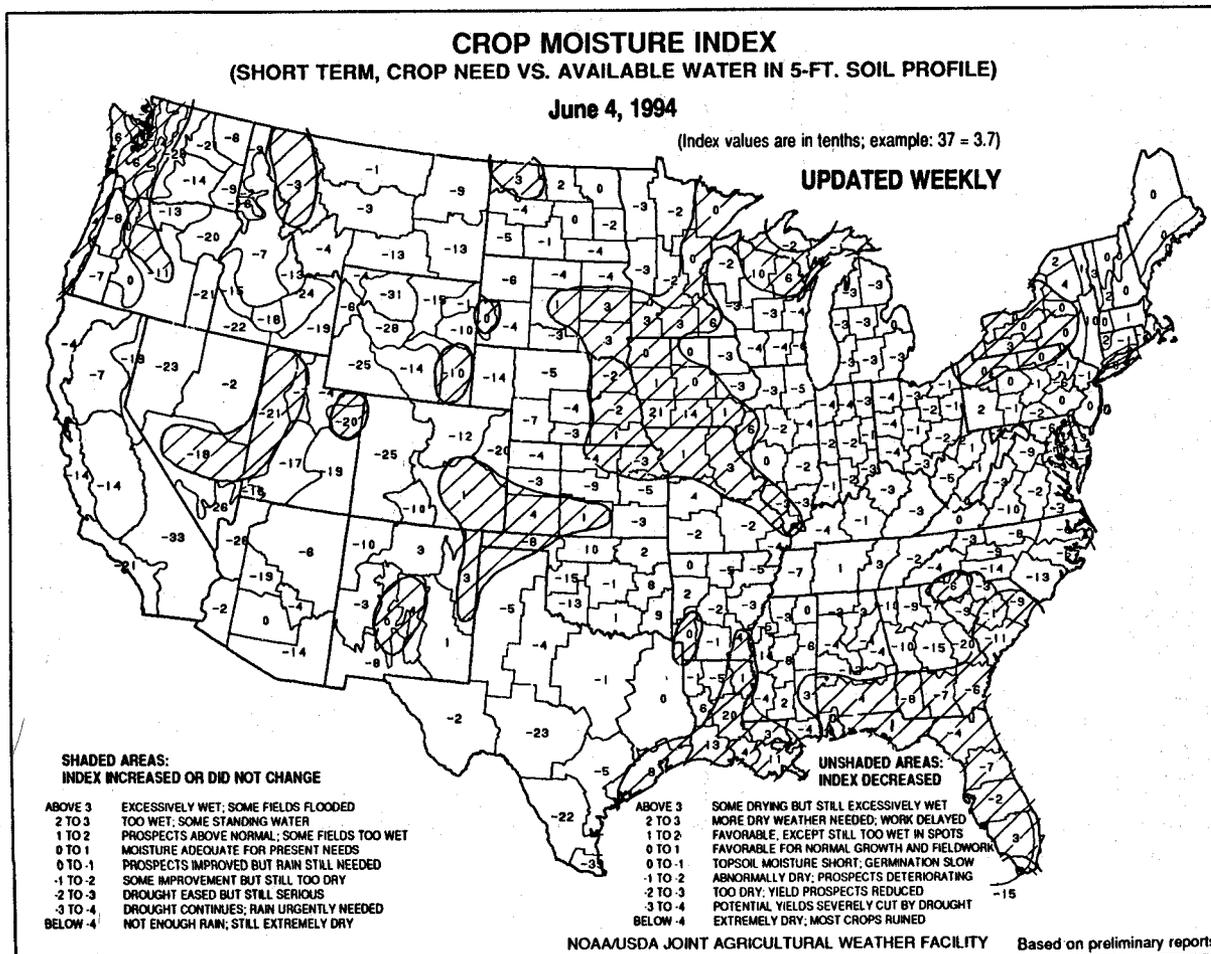
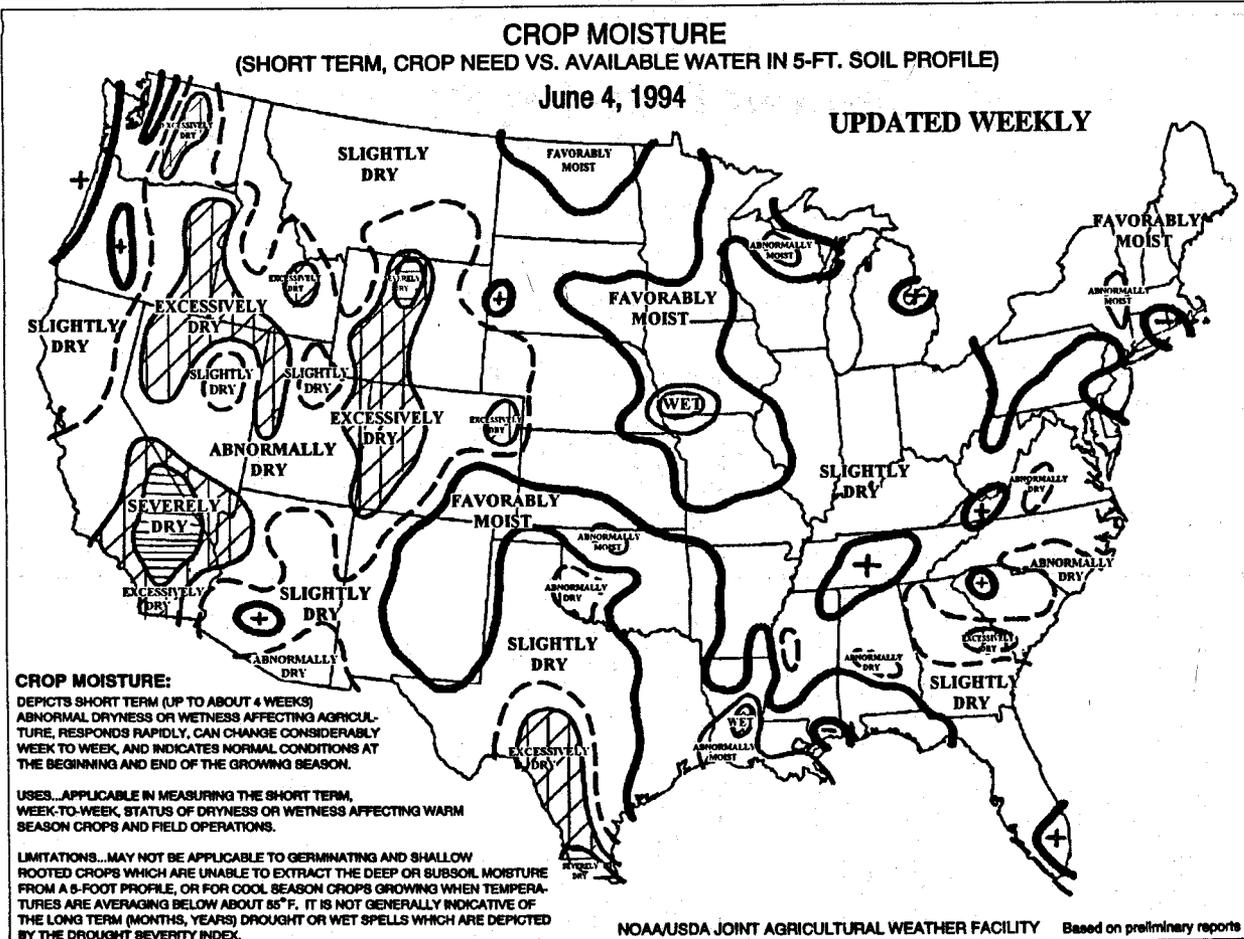
High pressure systems twice built across the Great Lakes region and Middle Atlantic States, allowing dry weather to prevail there. Farther south and west, warm, humid air collided with advancing cold fronts, generating beneficial rain from the Gulf coast to the western Corn Belt. Early in the week, heat gripped the Southwest and the central and southern Plains. On Monday, Tucson, AZ set its first of four consecutive daily record highs with 104°F. Midland, TX attained 102°F, Salina, KS reached 100°F, and Grand Island, NE peaked at 99°F. Elsewhere, thundershowers peppered the Gulf Coast States, the Great Basin, and the Nation's northern tier. At midweek, thunderstorms pelted the western and southern Corn Belt, easing topsoil dryness. Totals included 3.97 inches in Omaha, NE and 1.07 inches in Springfield, IL. Thunderstorms sagged southward and westward late in the week, dotting areas south of a line from the central Rockies to the Southeast, while dry, cooler air overspread the Midwestern and Northeastern States. Rain provided localized relief from dryness in the Southeast, especially in South Carolina, and from Florida's Panhandle westward along the Gulf coast. Heavy rain also soaked parts of southern Florida, where Miami measured 4.35 inches. However, continuing dryness in eastern North Carolina allowed a 2-week-old wildfire to consume more than 24,000 acres before being contained. Farther north, daily record lows

included 36°F in Flint, MI on June 2 and 42°F in Atlantic City, NJ on June 3. At week's end, rain returned to the western Corn Belt. By early on June 5, an inch or more had fallen across southeastern South Dakota and southern Minnesota, southward along the Iowa-Nebraska border.

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National Weather Data for Selected Cities

Weather Data for the Week Ending June 4, 1994

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | RELATIVE HUMIDITY, PERCENT | | NUMBER OF DAYS | | | | | | | | | | |
|---------------------------|----------------|---------|---------|---------|---------|---------|---------------|-----------|--------|-----------|-------------|-------------|----------------------------|-------------|----------------|---------|---------|---------|---------|--------------|--------------|----------|-------------|------------|-------------|
| | AVERAGE | MAXIMUM | AVERAGE | MINIMUM | EXTREME | EXTREME | AVERAGE | DEPARTURE | WEEKLY | DEPARTURE | GREATEST IN | TOTAL, IN., | PCT. NORMAL | TOTAL, IN., | PCT. NORMAL | AVERAGE | MAXIMUM | AVERAGE | MINIMUM | 90 AND ABOVE | 32 AND BELOW | TEMP. °F | | PRECIP. | |
| | | | | | | | | | | | | | | | | | | | | | | LOW | FROM NORMAL | TOTAL, IN. | FROM NORMAL |
| AL BIRMINGHAM | 88 | 65 | 93 | 55 | 77 | 3 | .7 | -.3 | 2.5 | .7 | 132 | 25.8 | 98 | 89 | 50 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | | | |
| MOBILE | 85 | 68 | 87 | 66 | 77 | 1 | 2.4 | 1.2 | 2.1 | .3 | 49 | 22.6 | 82 | 97 | 61 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | | | |
| MONTGOMERY | 89 | 67 | 94 | 58 | 78 | 3 | 1.1 | -.4 | 3.3 | .3 | 49 | 21.2 | 83 | 93 | 52 | 4 | 0 | 0 | 4 | 1 | 0 | 0 | | | |
| AK ANCHORAGE | 63 | 45 | 66 | 37 | 54 | 1 | .1 | -.1 | 1.1 | .1 | 0 | 3.3 | 87 | 88 | 40 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | | | |
| BARROW | 28 | 18 | 36 | 12 | 23 | 3 | .1 | -.1 | 1.1 | .1 | 0 | .6 | 74 | 87 | 74 | 7 | 0 | 1 | 1 | 0 | 0 | 0 | | | |
| FAIRBANKS | 67 | 39 | 71 | 35 | 53 | 3 | .1 | -.1 | 1.1 | .1 | 0 | 1.4 | 57 | 93 | 37 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | | | |
| JUNEAU | 56 | 44 | 62 | 38 | 50 | 2 | .3 | -.1 | 1.1 | .1 | 0 | 20.2 | 111 | 96 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| KODIAK | 56 | 44 | 66 | 37 | 50 | 4 | 1.1 | -.1 | 1.1 | .1 | 0 | 42.7 | 154 | 92 | 63 | 0 | 0 | 5 | 5 | 1 | 1 | 0 | | | |
| WHEAT | 48 | 31 | 51 | 28 | 40 | 4 | .1 | -.1 | 1.1 | .1 | 0 | 2.9 | 85 | 87 | 57 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | | | |
| AZ PHOENIX | 103 | 73 | 107 | 69 | 88 | 0 | .0 | .0 | 0.0 | .0 | 0 | 2.5 | 97 | 39 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| PRESCOTT | 91 | 54 | 96 | 47 | 72 | 10 | .0 | .0 | 0.0 | .0 | 0 | 3.5 | 55 | 38 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| TUCSON | 104 | 66 | 106 | 63 | 85 | 6 | .0 | .0 | 0.0 | .0 | 0 | 2.7 | 100 | 42 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| YUMA | 106 | 75 | 110 | 71 | 90 | 7 | .0 | .0 | 0.0 | .0 | 0 | .7 | 71 | 38 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| AR FORT SMITH | 87 | 67 | 91 | 62 | 77 | 4 | .7 | -.3 | 4.4 | .3 | 55 | 22.4 | 123 | 93 | 52 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | | | |
| LITTLE ROCK | 86 | 68 | 90 | 62 | 77 | 3 | .4 | -.7 | 3.2 | .2 | 32 | 24.8 | 114 | 86 | 51 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | | | |
| CA BAKERSFIELD | 91 | 59 | 97 | 54 | 75 | 5 | .0 | .0 | 0.0 | .0 | 0 | 4.2 | 113 | 58 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| BURKIN | 63 | 51 | 65 | 47 | 57 | 2 | .4 | -.2 | 4.4 | .4 | 391 | 19.1 | 93 | 91 | 70 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | | | |
| FRESNO | 91 | 60 | 95 | 57 | 75 | 2 | .2 | -.2 | 2.2 | .2 | 0 | 6.3 | 91 | 65 | 18 | 5 | 0 | 1 | 1 | 0 | 0 | 0 | | | |
| LOS ANGELES | 74 | 59 | 77 | 57 | 67 | 2 | .2 | -.2 | 2.2 | .2 | 0 | 6.2 | 81 | 88 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| REDDING | 87 | 57 | 97 | 51 | 72 | 1 | .1 | -.2 | 2.2 | .2 | 0 | 14.9 | 81 | 77 | 22 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | | | |
| SACRAMENTO | 87 | 54 | 93 | 51 | 70 | 2 | .5 | -.5 | 5.5 | .5 | 0 | 6.7 | 63 | 85 | 25 | 2 | 0 | 1 | 1 | 1 | 1 | 0 | | | |
| SAN DIEGO | 72 | 60 | 76 | 58 | 66 | 1 | .1 | .0 | 0.0 | .0 | 0 | 8.1 | 132 | 96 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| SAN FRANCISCO | 71 | 53 | 84 | 51 | 62 | 2 | .2 | -.2 | 2.2 | .2 | 0 | 10.6 | 87 | 89 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| CO DENVER | 85 | 55 | 91 | 51 | 70 | 7 | .3 | -.2 | 2.2 | .2 | 3 | 5.7 | 85 | 87 | 30 | 2 | 0 | 3 | 3 | 0 | 0 | 0 | | | |
| GRAND JUNCTION | 90 | 56 | 94 | 46 | 73 | 4 | .4 | -.2 | 2.2 | .2 | 0 | 3.0 | 71 | 75 | 12 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | | | |
| FUERTE | 86 | 51 | 92 | 46 | 68 | 2 | 1.2 | -.9 | 7.7 | .7 | 1.2 | 7.2 | 196 | 90 | 26 | 3 | 0 | 3 | 1 | 0 | 0 | 0 | | | |
| CT BRIDGEPORT | 77 | 53 | 84 | 49 | 65 | 1 | .2 | -.8 | 2.2 | .2 | 0 | 20.3 | 112 | 70 | 39 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | | | |
| HARTFORD | 79 | 50 | 85 | 43 | 65 | 0 | .1 | -.9 | 1.1 | .1 | 11 | 21.6 | 115 | 77 | 34 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| DC WASHINGTON | 84 | 59 | 92 | 54 | 72 | 0 | .0 | -.8 | 0.0 | .0 | 0 | 20.1 | 130 | 82 | 37 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| FL APALACHICOLA | 86 | 71 | 88 | 68 | 78 | 0 | .8 | .0 | 0.0 | .0 | 0 | 17.0 | 96 | ... | ... | 0 | 0 | 2 | 1 | 0 | 0 | 0 | | | |
| DAYTONA BEACH | 86 | 70 | 87 | 69 | 78 | 0 | .2 | -1.0 | 1.1 | .1 | 0 | 19.8 | 131 | 99 | 65 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | | | |
| JACKSONVILLE | 88 | 69 | 93 | 65 | 79 | 1 | 1.6 | -.6 | 1.1 | .4 | 62 | 14.7 | 85 | 97 | 59 | 4 | 0 | 5 | 1 | 0 | 0 | 0 | | | |
| KEY WEST | 89 | 79 | 90 | 75 | 84 | 2 | .1 | -1.0 | 1.1 | .1 | 2 | 10.5 | 92 | 84 | 66 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| MIAMI | 86 | 75 | 88 | 71 | 81 | 0 | 4.4 | 2.4 | 2.8 | .9 | 74 | 18.9 | 113 | 89 | 65 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | | | |
| ORLANDO | 88 | 71 | 91 | 69 | 80 | 0 | 2.0 | -.6 | 1.2 | .6 | 70 | 15.3 | 104 | 99 | 63 | 2 | 0 | 6 | 2 | 0 | 0 | 0 | | | |
| TALLAHASSEE | 90 | 68 | 93 | 64 | 79 | 2 | .6 | -.7 | 4.4 | .2 | 21 | 30.8 | 119 | 96 | 49 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | | | |
| TAMPA | 89 | 71 | 92 | 69 | 80 | 1 | .7 | -1.0 | 1.1 | .1 | 0 | 8.3 | 64 | 95 | 59 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| WEST PALM BEACH | 87 | 73 | 88 | 70 | 80 | 0 | 2.0 | -.1 | 1.1 | 2.0 | 183 | 25.9 | 136 | 94 | 63 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | | | |
| GA ATLANTA | 88 | 68 | 95 | 63 | 78 | 5 | .7 | -.9 | 2.2 | .2 | 0 | 20.5 | 84 | 92 | 48 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| AUGUSTA | 88 | 63 | 95 | 52 | 76 | 1 | .1 | -.8 | 1.1 | .1 | 15 | 16.7 | 81 | 96 | 50 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| MACON | 87 | 65 | 93 | 58 | 76 | 0 | .6 | -.3 | 6.6 | .6 | 122 | 18.8 | 87 | 96 | 53 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | | | |
| SAVANNAH | 85 | 69 | 91 | 65 | 77 | 1 | 2.4 | 1.3 | 1.6 | .6 | 93 | 18.2 | 99 | 94 | 58 | 2 | 0 | 4 | 1 | 0 | 0 | 0 | | | |
| HI HILO | 82 | 68 | 83 | 66 | 75 | 1 | .7 | -.9 | 3.3 | .3 | 37 | 68.6 | 114 | 90 | 68 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | | | |
| HONOLULU | 88 | 71 | 88 | 68 | 80 | 1 | .0 | -.2 | 0.0 | .0 | 0 | 11.2 | 104 | 74 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| KAHULUI | 85 | 66 | 86 | 62 | 75 | 2 | .1 | -.1 | 0.0 | .0 | 0 | 7.5 | 61 | 70 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| LIIHOE | 81 | 72 | 82 | 68 | 77 | 0 | .7 | -.5 | 0.0 | .0 | 0 | 17.0 | 84 | 82 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| ID BOISE | 78 | 50 | 87 | 45 | 64 | 2 | .2 | -.2 | 2.2 | .2 | 185 | 4.9 | 78 | 74 | 24 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| LEWISTON | 74 | 51 | 83 | 48 | 62 | 0 | .1 | -.2 | 1.1 | .1 | 63 | 4.7 | 80 | 71 | 31 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | | | |
| POCATELLO | 77 | 49 | 88 | 40 | 63 | 5 | .5 | -.2 | 5.5 | .5 | 0 | 4.0 | 68 | 89 | 30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| IL CHICAGO | 77 | 52 | 90 | 41 | 64 | 0 | .0 | -.8 | 0.0 | .0 | 0 | 8.5 | 65 | 78 | 32 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| MOLINE | 81 | 53 | 89 | 45 | 67 | 0 | .2 | -.7 | 2.2 | .2 | 42 | 8.9 | 61 | 83 | 29 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| PEORIA | 81 | 55 | 89 | 50 | 68 | 1 | .3 | -.6 | 2.2 | .3 | 56 | 9.2 | 66 | 72 | 32 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| QUINCY | 75 | 58 | 83 | 52 | 66 | 2 | .4 | -.6 | 2.2 | .4 | 68 | 9.8 | 66 | 79 | 45 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | | | |
| ROCKFORD | 80 | 51 | 89 | 41 | 66 | 1 | .0 | -1.0 | 0.0 | .0 | 0 | 9.3 | 72 | 79 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| SPRINGFIELD | 79 | 57 | 85 | 50 | 68 | -1 | 1.1 | -.3 | 1.0 | 1.1 | 233 | 16.6 | 117 | 78 | 34 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | | | |
| IN EVANSVILLE | 83 | 58 | 90 | 50 | 71 | -1 | .3 | -.6 | 3.3 | .3 | 61 | 14.5 | 70 | 83 | 33 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| FORT WAYNE | 81 | 53 | 88 | 43 | 67 | 1 | .7 | -.8 | 1.1 | .0 | 0 | 12.5 | 90 | 74 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| INDIANAPOLIS | 81 | 56 | 86 | 52 | 68 | 0 | .7 | -.8 | 1.1 | .0 | 0 | 12.6 | 76 | 67 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| SOUTH BEND | 77 | 51 | 89 | 40 | 64 | -1 | .7 | -.8 | 1.1 | .0 | 0 | 8.4 | 57 | 75 | 30 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| IA DES MOINES | 76 | 57 | 86 | 49 | 66 | 0 | 1.2 | -.1 | 1.1 | 1.2 | 193 | 8.7 | 70 | 90 | 38 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | | | |
| SIOUX CITY | 79 | 58 | 93 | 49 | 68 | 2 | .4 | -.5 | 3.3 | .3 | 68 | 5.4 | 55 | 89 | 35 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| WATERLOO | 79 | 54 | 88 | 45 | 67 | 1 | .4 | -.6 | 4.4 | .4 | 0 | 7.1 | 58 | 88 | 34 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| KS CONCORDIA | 83 | 62 | 97 | 55 | 73 | 4 | .2 | -.9 | 2.2 | .2 | 36 | 4.4 | 41 | 91 | 52 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| DODGE CITY | 89 | 61 | 96 | 57 | 75 | 5 | .1 | -.6 | 1.1 | .1 | 0 | 3.7 | 45 | 89 | 40 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| GOODLAND | 83 | 56 | 93 | 49 | 70 | 5 | .7 | -.8 | 1.1 | .1 | 0 | 4.9 | 69 | 90 | 38 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| TOPEKA | 83 | 60 | 92 | 56 | 72 | 2 | .3 | -1.0 | 2.2 | .3 | 33 | 7.0 | 55 | 94 | 54 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | | | |
| WICHITA | 87 | 65 | 94 | 63 | 76 | 5 | 1.9 | -.6 | 1.5 | 1.6 | 211 | 6.5 | 52 | 95 | 51 | 3 | 0 | 3 | 1 | 0 | 0 | 0 | | | |
| KY BOWLING GREEN | 82 | 57 | 87 | 46 | 70 | -1 | .3 | -.8 | 3.3 | .3 | 51 | 28.0 | 122 | 95 | 49 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| LEXINGTON | 80 | 56 | 85 | 50 | 68 | 0 | .7 | -.9 | 1.1 | .1 | 0 | 25.8 | 134 | 79 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| LOUISVILLE | 82 | 58 | 88 | 50 | 70 | 0 | .1 | -.8 | 1.1 | .1 | 21 | 18.5 | 92 | 81 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| LA BATON ROUGE | 84 | 68 | 88 | 64 | 76 | -2 | 1.4 | -.4 | 1.1 | .1 | 18 | 28.0 | 107 | 100 | 66 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | | | |
| LAKE CHARLES | 87 | 69 | 90 | 66 | 78 | 0 | 1.5 | -.2 | 1.6 | 1.3 | 180 | 14.5 | 69 | 97 | 62 | 4 | 0 | 6 | 1 | 1 | 0 | 0 | | | |
| NEW ORLEANS | 87 | 67 | 91 | 63 | 77 | -1 | 1.8 | -.6 | 1.0 | . | | | | | | | | | | | | | | | |

Weather Data for the Week Ending June 4, 1994

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | RELATIVE HUMIDITY, PERCENT | NUMBER OF DAYS | | | | | |
|---------------------------|--------------------|--------------------|-----------------|----------------|---------|--------------------------|----------------------|--------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------------|----------------------------|--------------------|--------------------|--------------|--------------|---------------------|
| | 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 Jun 1 | PCT. NORMAL SINCE Jun 1 | TOTAL, IN., SINCE Jun 1 | | PCT. NORMAL SINCE Jun 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE |
| | | | | | | | | | | | | | .50 INCH OR MORE | | | | | | OR MORE |
| ME CARIBOU | 66 | 45 | 84 | 39 | 55 | -1 | 1.4 | .7 | 1.0 | .2 | 63 | 15.7 | 124 | 85 | 49 | 0 | 0 | 5 | 1 |
| PORTLAND | 71 | 48 | 78 | 42 | 60 | 1 | .2 | -.6 | .3 | .3 | 51 | 21.4 | 114 | 85 | 48 | 0 | 0 | 2 | 0 |
| MD BALTIMORE | 83 | 55 | 91 | 48 | 69 | 0 | 0 | -.9 | .0 | .0 | 0 | 22.9 | 135 | 77 | 36 | 1 | 0 | 0 | 0 |
| GALLSBURY | 81 | 51 | 89 | 44 | 66 | -2 | 0 | -.8 | .0 | .0 | 0 | 22.2 | 119 | 93 | 38 | 0 | 0 | 0 | 0 |
| MA BOSTON | 81 | 56 | 87 | 50 | 68 | 5 | 2 | -.7 | .0 | .0 | 2 | 23.3 | 128 | 70 | 32 | 0 | 0 | 1 | 0 |
| CHATHAM | 66 | 53 | 70 | 49 | 60 | 2 | 2 | -.8 | .0 | .0 | 0 | 25.8 | 132 | 88 | 64 | 0 | 0 | 1 | 0 |
| MI ALPENA | 75 | 47 | 85 | 39 | 61 | 4 | 4 | -.7 | .0 | .0 | 0 | 8.5 | 82 | 83 | 29 | 0 | 0 | 0 | 0 |
| DETROIT | 78 | 53 | 87 | 43 | 65 | 2 | 1 | -.7 | .0 | .0 | 0 | 11.7 | 95 | 72 | 33 | 0 | 0 | 1 | 0 |
| FLINT | 76 | 49 | 84 | 36 | 63 | 1 | 2 | -.7 | .0 | .0 | 0 | 10.1 | 94 | 75 | 30 | 0 | 0 | 0 | 0 |
| GRAND RAPIDS | 77 | 51 | 86 | 42 | 64 | 1 | 3 | -.8 | .0 | .0 | 0 | 11.7 | 91 | 75 | 28 | 0 | 0 | 0 | 0 |
| HOGHTON LAKE | 75 | 48 | 84 | 35 | 62 | 3 | 3 | -.7 | .0 | .0 | 0 | 9.1 | 92 | 73 | 31 | 0 | 0 | 1 | 0 |
| LANSING | 77 | 48 | 85 | 37 | 62 | 0 | 0 | -.7 | .0 | .0 | 0 | 9.6 | 87 | 82 | 33 | 0 | 0 | 0 | 0 |
| MARQUETTE | 70 | 43 | 84 | 32 | 57 | 1 | 6 | -.2 | .4 | .4 | 0 | 9.0 | 70 | 81 | 35 | 0 | 1 | 3 | 0 |
| MUSKOGON | 72 | 48 | 82 | 41 | 60 | -1 | 1 | -.6 | .0 | .0 | 0 | 10.4 | 85 | 74 | 34 | 0 | 0 | 0 | 0 |
| SAULT ST. MARIE | 66 | 40 | 79 | 36 | 53 | -2 | 1.2 | .5 | .9 | .0 | 0 | 10.0 | 84 | 89 | 39 | 0 | 0 | 2 | 1 |
| MIN ALEXANDRIA | 76 | 52 | 83 | 47 | 64 | 2 | 1 | -.7 | .1 | .1 | 23 | 6.2 | 72 | 84 | 33 | 0 | 0 | 1 | 0 |
| DULUTH | 72 | 46 | 81 | 35 | 59 | 3 | .8 | .0 | .4 | .2 | 31 | 9.7 | 101 | 81 | 29 | 0 | 0 | 3 | 0 |
| INT'L FALLS | 73 | 46 | 79 | 36 | 59 | 2 | .5 | -.3 | .4 | .4 | 0 | 4.5 | 63 | 83 | 37 | 0 | 0 | 2 | 0 |
| MIDWAY | 79 | 53 | 91 | 45 | 66 | 2 | 2 | -.3 | .5 | .5 | 91 | 8.8 | 87 | 74 | 30 | 1 | 0 | 2 | 0 |
| ROCHESTER | 76 | 52 | 86 | 46 | 64 | 2 | .8 | .0 | .8 | .8 | 0 | 10.4 | 105 | 80 | 32 | 0 | 0 | 2 | 1 |
| MS GREENWOOD | 90 | 68 | 94 | 63 | 79 | 3 | .3 | -.8 | .3 | .3 | 0 | 19.4 | 74 | 95 | 49 | 4 | 0 | 1 | 0 |
| JACKSON | 88 | 65 | 90 | 60 | 77 | 1 | 1 | -.8 | .1 | .1 | 20 | 26.8 | 97 | 95 | 50 | 3 | 0 | 3 | 0 |
| MERIDIAN | 90 | 67 | 93 | 59 | 78 | 3 | 2.5 | 1.7 | 1.2 | .5 | 113 | 30.9 | 112 | 94 | 50 | 5 | 0 | 5 | 2 |
| MO CAFE GIRARDEAU | 84 | 61 | 90 | 51 | 73 | 1 | 1 | -.6 | .3 | .3 | 7 | 18.8 | 88 | 81 | 49 | 0 | 0 | 2 | 0 |
| COLUMBIA | 79 | 59 | 83 | 54 | 69 | 0 | 1 | -.6 | .4 | .4 | 5 | 18.8 | 122 | 97 | 62 | 0 | 0 | 4 | 0 |
| KANSAS CITY | 82 | 59 | 88 | 53 | 71 | 1 | 1 | -.1 | .1 | .1 | 15 | 10.8 | 80 | 91 | 57 | 0 | 0 | 3 | 0 |
| SAINT LOUIS | 80 | 62 | 86 | 57 | 71 | 1 | 1 | -.9 | .0 | .0 | 152 | 17.7 | 114 | 83 | 35 | 0 | 0 | 3 | 0 |
| SPRINGFIELD | 84 | 63 | 89 | 60 | 74 | 0 | 3 | -.7 | .6 | .6 | 63 | 21.8 | 128 | 94 | 39 | 0 | 0 | 3 | 1 |
| MT BILLINGS | 78 | 50 | 88 | 46 | 64 | 4 | 4 | .5 | .1 | .3 | 106 | 5.1 | 69 | 74 | 27 | 0 | 0 | 4 | 0 |
| GLASGOW | 73 | 49 | 81 | 42 | 61 | 1 | 1 | -.1 | .2 | .2 | 50 | 3.9 | 104 | 89 | 30 | 0 | 0 | 4 | 0 |
| GREAT FALLS | 70 | 44 | 79 | 34 | 57 | 0 | 0 | -.2 | .4 | .4 | 53 | 5.1 | 75 | 81 | 34 | 0 | 0 | 4 | 0 |
| HAYES | 73 | 46 | 81 | 38 | 60 | 0 | 0 | -.2 | .2 | .2 | 5 | 5.1 | 75 | 84 | 30 | 0 | 0 | 4 | 0 |
| HELENA | 71 | 44 | 80 | 39 | 58 | 0 | 0 | -.2 | .3 | .3 | 1 | 5.1 | 75 | 84 | 30 | 0 | 0 | 4 | 0 |
| KALISPELL | 65 | 40 | 77 | 32 | 52 | -3 | 3 | -.3 | .5 | .5 | 206 | 5.5 | 80 | 79 | 35 | 0 | 0 | 4 | 0 |
| MILES CITY | 78 | 52 | 86 | 43 | 65 | 3 | 3 | -.2 | .4 | .4 | 34 | 4.2 | 75 | 91 | 28 | 0 | 0 | 3 | 0 |
| MISSOULA | 68 | 42 | 78 | 36 | 55 | -1 | 1 | .5 | .0 | .3 | 119 | 6.4 | 107 | 92 | 42 | 0 | 0 | 3 | 0 |
| NE GRAND ISLAND | 82 | 57 | 99 | 49 | 70 | 3 | 1 | -.8 | .1 | .1 | 2 | 5.7 | 57 | 86 | 33 | 1 | 0 | 2 | 0 |
| LINCOLN | 78 | 60 | 96 | 55 | 69 | 1 | 1 | -.3 | .7 | .7 | 44 | 4.7 | 46 | 89 | 49 | 1 | 0 | 2 | 0 |
| NORFOLK | 79 | 56 | 92 | 46 | 68 | 1 | 1 | -.4 | .7 | .3 | 53 | 5.0 | 52 | 87 | 34 | 1 | 0 | 2 | 0 |
| NORTH PLATTE | 83 | 54 | 95 | 45 | 68 | 5 | 5 | -.1 | .7 | .7 | 15 | 3.6 | 45 | 90 | 40 | 2 | 0 | 2 | 0 |
| OMAHA | 79 | 58 | 94 | 50 | 68 | 0 | 4.0 | 3.0 | 2.6 | 2.6 | 709 | 8.0 | 72 | 79 | 31 | 1 | 0 | 4 | 3 |
| SCOTTSBLOFF | 83 | 53 | 93 | 47 | 68 | 6 | 6 | -.2 | .5 | .2 | 50 | 5.3 | 79 | 86 | 31 | 1 | 0 | 2 | 0 |
| VALENTINE | 77 | 51 | 89 | 43 | 64 | -1 | 1 | -.1 | .8 | .1 | 15 | 4.1 | 49 | 72 | 36 | 0 | 0 | 1 | 0 |
| NV RLY | 77 | 41 | 85 | 34 | 59 | 4 | 4 | -.2 | .4 | .4 | 0 | 5.4 | 118 | 77 | 20 | 0 | 0 | 2 | 0 |
| LAS VEGAS | 99 | 71 | 103 | 68 | 85 | 5 | 5 | .0 | .0 | .0 | 0 | .7 | 36 | 37 | 10 | 7 | 0 | 1 | 0 |
| RENO | 82 | 50 | 87 | 47 | 66 | 5 | 3 | -.1 | .3 | .3 | 0 | 3.1 | 78 | 80 | 15 | 0 | 0 | 1 | 0 |
| WINDHECCA | 83 | 48 | 89 | 41 | 65 | 5 | 5 | -.2 | .0 | .0 | 0 | 4.4 | 110 | 79 | 14 | 0 | 0 | 1 | 0 |
| NH CONCORD | 78 | 46 | 87 | 35 | 62 | 2 | 2 | -.6 | .2 | .2 | 42 | 16.2 | 114 | 89 | 32 | 0 | 0 | 1 | 0 |
| NJ ATLANTIC CITY | 78 | 51 | 86 | 42 | 64 | -1 | 1 | -.6 | .0 | .0 | 0 | 22.5 | 129 | 84 | 38 | 0 | 0 | 0 | 0 |
| NM ALBUQUERQUE | 91 | 61 | 95 | 60 | 76 | 6 | 6 | -.2 | .1 | .2 | 0 | 2.8 | 113 | 56 | 15 | 4 | 0 | 1 | 0 |
| CLOVIS | 89 | 61 | 93 | 59 | 75 | 5 | 5 | -.4 | .2 | .3 | 4 | 4.9 | 108 | 81 | 25 | 3 | 0 | 2 | 0 |
| ROSWELL | 94 | 64 | 98 | 61 | 79 | 5 | 5 | -.2 | .1 | .1 | 47 | 5.0 | 175 | 69 | 20 | 7 | 0 | 1 | 0 |
| NY ALBANY | 77 | 49 | 85 | 40 | 63 | 0 | 2 | -.7 | .1 | .1 | 22 | 16.2 | 112 | 81 | 33 | 0 | 0 | 3 | 0 |
| BINGHAMTON | 71 | 47 | 81 | 38 | 59 | -1 | 1 | -.6 | .2 | .5 | 1 | 16.1 | 111 | 83 | 43 | 0 | 0 | 2 | 0 |
| BUFFALO | 72 | 50 | 82 | 44 | 61 | -1 | 1 | .8 | .0 | .8 | 0 | 14.5 | 102 | 87 | 42 | 0 | 0 | 1 | 1 |
| NEW YORK | 80 | 59 | 86 | 55 | 70 | 3 | 3 | .0 | .8 | .0 | 0 | 20.7 | 118 | 63 | 33 | 0 | 0 | 0 | 0 |
| ROCHESTER | 74 | 48 | 85 | 42 | 61 | -1 | 1 | -.4 | .3 | .4 | 0 | 12.7 | 104 | 88 | 40 | 0 | 0 | 1 | 0 |
| SYRACUSE | 75 | 49 | 87 | 43 | 62 | 0 | 0 | .8 | .0 | .8 | 2 | 18.8 | 131 | 92 | 39 | 0 | 0 | 2 | 1 |
| NC ASHEVILLE | 81 | 56 | 86 | 48 | 69 | 2 | 2 | -.2 | .0 | .0 | 3 | 23.1 | 98 | 95 | 47 | 0 | 0 | 1 | 0 |
| CHARLOTTE | 86 | 65 | 91 | 59 | 76 | 3 | 3 | -.8 | .0 | .0 | 2 | 14.9 | 79 | 82 | 39 | 1 | 0 | 1 | 0 |
| GREENSBORO | 82 | 60 | 88 | 52 | 71 | 1 | 1 | -.9 | .1 | .1 | 10 | 14.4 | 82 | 83 | 42 | 0 | 0 | 1 | 0 |
| HATTERAS | 80 | 63 | 83 | 56 | 72 | 1 | 2.4 | 1.4 | 2.2 | .2 | 28 | 23.6 | 108 | 90 | 50 | 0 | 0 | 2 | 1 |
| NEW BERN | 83 | 62 | 95 | 51 | 73 | -1 | 1 | -.4 | .8 | .3 | 46 | 17.3 | 83 | 96 | 46 | 1 | 0 | 2 | 0 |
| RALEIGH | 83 | 60 | 89 | 51 | 72 | 0 | 0 | -.9 | .0 | .0 | 0 | 16.1 | 90 | 89 | 45 | 0 | 0 | 0 | 0 |
| WILMINGTON | 84 | 63 | 94 | 53 | 73 | 1 | 1 | -.2 | .8 | .2 | 0 | 22.0 | 104 | 97 | 50 | 2 | 0 | 1 | 0 |
| ND BISMARCK | 77 | 50 | 83 | 42 | 63 | 3 | 3 | 1.1 | .5 | 1.1 | 306 | 4.4 | 74 | 91 | 34 | 0 | 0 | 1 | 1 |
| FARGO | 79 | 53 | 85 | 45 | 66 | 4 | 4 | .5 | .1 | .5 | 147 | 6.2 | 91 | 72 | 27 | 0 | 0 | 1 | 1 |
| GRAND FORKS | 78 | 52 | 84 | 45 | 65 | 5 | 5 | -.1 | .5 | .1 | 20 | 4.2 | 71 | 77 | 28 | 0 | 0 | 2 | 0 |
| WILLISTON | 75 | 46 | 82 | 37 | 61 | 0 | 0 | -.5 | .1 | .2 | 93 | 6.4 | 123 | 86 | 34 | 0 | 0 | 3 | 0 |
| OH ABRON-CANTON | 75 | 49 | 82 | 41 | 62 | -2 | 2 | -.2 | .5 | .2 | 0 | 18.0 | 120 | 80 | 43 | 0 | 0 | 1 | 0 |
| CINCINNATI | 80 | 55 | 85 | 49 | 68 | 0 | 0 | -.9 | .0 | .0 | 0 | 15.7 | 87 | 78 | 34 | 0 | 0 | 0 | 0 |
| CLEVELAND | 75 | 48 | 85 | 41 | 61 | -2 | 2 | -.4 | .5 | .4 | 0 | 10.1 | 71 | 84 | 40 | 0 | 0 | 1 | 0 |
| COLUMBUS | 80 | 52 | 86 | 44 | 66 | 1 | 1 | -.1 | .8 | .1 | 2 | 12.7 | 82 | 80 | 32 | 0 | 0 | 2 | 0 |
| DAYTON | 80 | 54 | 85 | 48 | 67 | 0 | 0 | -.9 | .0 | .0 | 0 | 15.2 | 98 | 72 | 31 | 0 | 0 | 0 | 0 |

Based on 1961-90 normals.

Weather Data for the Week Ending June 4, 1994

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY, PERCENT | NUMBER OF DAYS | | | | | | | | |
|-----------------------------------|----------------|---------|---------|-----------------|----------------|---------|--------------------------|----------------------|--------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------------|----------------------------|---------|---------|---------|--------------|--------------|---------------------|---------------------|---------------------|
| | AVERAGE | MAXIMUM | MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE Jun 1 | PCT. NORMAL SINCE Jun 1 | TOTAL, IN., SINCE Jan 1 | | PCT. NORMAL SINCE Jan 1 | AVERAGE | MAXIMUM | MINIMUM | 90 AND ABOVE | 92 AND BELOW | TEMP. °F | | PRECIP. |
| | | | | | | | | | | | | | | .01 INCH OR MORE | | | | | | | .50 INCH OR MORE | .01 INCH OR MORE | .50 INCH OR MORE |
| OH TOLEDO | 79 | 49 | 86 | 40 | 64 | 0 | .1 | -.7 | .1 | .0 | 0 | 12.7 | 102 | 78 | 32 | 0 | 0 | 1 | 0 | | | | |
| OH YOUNGSTOWN | 75 | 46 | 83 | 37 | 60 | -3 | .3 | -.6 | .3 | .0 | 0 | 16.0 | 111 | 85 | 41 | 0 | 0 | 1 | 0 | | | | |
| OK OKLAHOMA CITY | 86 | 64 | 88 | 61 | 75 | 3 | .2 | -1.0 | .2 | .0 | 0 | 12.0 | 86 | 97 | 55 | 0 | 0 | 1 | 0 | | | | |
| OK TULSA | 87 | 67 | 88 | 64 | 77 | 3 | 1.5 | .3 | .9 | .6 | 86 | 16.2 | 96 | 93 | 54 | 0 | 0 | 3 | 2 | | | | |
| OR ASTORIA | 62 | 47 | 69 | 44 | 54 | 0 | 1.0 | -.4 | .4 | .5 | 124 | 32.0 | 98 | 97 | 56 | 0 | 0 | 4 | 0 | | | | |
| OR BURNS | 72 | 40 | 79 | 34 | 56 | 2 | .2 | -.1 | .2 | .15 | 15 | 2.4 | 54 | 83 | 25 | 0 | 0 | 2 | 0 | | | | |
| OR MEDFORD | 78 | 49 | 86 | 41 | 63 | 1 | .1 | -.1 | .1 | .0 | 0 | 4.8 | 55 | 92 | 29 | 0 | 0 | 1 | 0 | | | | |
| OR PENDLETON | 73 | 50 | 80 | 45 | 61 | -1 | .5 | .3 | .2 | .5 | 445 | 7.3 | 122 | 78 | 35 | 0 | 0 | 4 | 0 | | | | |
| OR PORTLAND | 72 | 50 | 79 | 46 | 61 | 0 | .3 | -.2 | .2 | .1 | 33 | 12.9 | 74 | 90 | 37 | 0 | 0 | 3 | 0 | | | | |
| OR SALEM | 71 | 47 | 76 | 37 | 59 | 1 | .2 | -.2 | .1 | .1 | 36 | 14.9 | 78 | 91 | 38 | 0 | 0 | 4 | 0 | | | | |
| PA ALLENTOWN | 81 | 51 | 84 | 44 | 66 | 1 | .0 | -.9 | .0 | .0 | 0 | 20.2 | 115 | 75 | 32 | 0 | 0 | 0 | 0 | | | | |
| PA ERIE | 72 | 51 | 85 | 44 | 62 | -1 | .5 | -.4 | .5 | .0 | 0 | 13.8 | 94 | 81 | 43 | 0 | 0 | 1 | 0 | | | | |
| PA HARRISBURG | 81 | 55 | 85 | 46 | 68 | 1 | .0 | -1.0 | .0 | .0 | 0 | 20.8 | 110 | 72 | 30 | 0 | 0 | 0 | 0 | | | | |
| PA PHILADELPHIA | 82 | 59 | 88 | 51 | 71 | 4 | .0 | -1.0 | .0 | .0 | 0 | 20.5 | 109 | 74 | 35 | 0 | 0 | 0 | 0 | | | | |
| PA PITTSBURGH | 79 | 49 | 87 | 42 | 64 | 0 | .1 | -.8 | .0 | .0 | 6 | 17.4 | 112 | 73 | 37 | 0 | 0 | 2 | 0 | | | | |
| PA SCRANTON | 77 | 49 | 82 | 43 | 63 | -1 | .2 | -.7 | .2 | .2 | 38 | 16.1 | 115 | 83 | 35 | 0 | 0 | 1 | 0 | | | | |
| RI PROVIDENCE | 76 | 52 | 81 | 46 | 64 | 2 | .7 | -.8 | .7 | .0 | 0 | 19.9 | 100 | 73 | 37 | 0 | 0 | 0 | 0 | | | | |
| SC CHARLESTON | 86 | 67 | 92 | 62 | 77 | 1 | 1.7 | .5 | 1.5 | .2 | 20 | 15.9 | 86 | 94 | 53 | 2 | 0 | 4 | 1 | | | | |
| SC COLUMBIA | 88 | 64 | 97 | 53 | 76 | 2 | 1.0 | .0 | .9 | 1.0 | 167 | 16.0 | 76 | 86 | 40 | 3 | 0 | 2 | 1 | | | | |
| SC FLORENCE | 87 | 64 | 96 | 55 | 75 | 0 | .5 | -.5 | .4 | .4 | 83 | 15.6 | 88 | 95 | 45 | 2 | 0 | 3 | 0 | | | | |
| SC GREENVILLE | 86 | 61 | 92 | 55 | 74 | 1 | .8 | -.3 | .5 | .8 | 119 | 17.0 | 74 | 91 | 40 | 1 | 0 | 3 | 1 | | | | |
| SD ABERDEEN | 79 | 53 | 83 | 48 | 66 | 4 | .1 | -.7 | .1 | .1 | 16 | 4.3 | 58 | 78 | 31 | 0 | 0 | 1 | 0 | | | | |
| SD BUREO | 78 | 49 | 84 | 43 | 64 | 0 | 1.0 | .3 | .9 | 1.0 | 234 | 7.4 | 91 | 87 | 37 | 0 | 0 | 2 | 1 | | | | |
| SD RAPID CITY | 78 | 50 | 86 | 46 | 64 | 4 | .3 | -.7 | .7 | .0 | 2 | 4.2 | 61 | 83 | 36 | 0 | 0 | 1 | 0 | | | | |
| SD SIOUX FALLS | 81 | 56 | 89 | 53 | 69 | 5 | .2 | -.6 | .1 | .2 | 37 | 6.6 | 75 | 82 | 29 | 0 | 0 | 2 | 0 | | | | |
| TN CHATTANOOGA | 87 | 60 | 90 | 52 | 74 | 2 | .2 | -.6 | .2 | .2 | 51 | 34.1 | 137 | 96 | 39 | 3 | 0 | 1 | 0 | | | | |
| TN KNOXVILLE | 86 | 60 | 89 | 52 | 73 | 3 | .2 | -.9 | .7 | .0 | 8 | 38.7 | 178 | 91 | 46 | 0 | 0 | 1 | 0 | | | | |
| TN MEMPHIS | 88 | 69 | 93 | 61 | 79 | 3 | .1 | -.7 | .1 | .1 | 25 | 23.9 | 98 | 83 | 46 | 3 | 0 | 2 | 0 | | | | |
| TN NASHVILLE | 85 | 62 | 87 | 50 | 73 | 3 | .1 | -.9 | .1 | .1 | 13 | 27.7 | 126 | 89 | 48 | 0 | 0 | 2 | 0 | | | | |
| TX ABILENE | 90 | 60 | 94 | 58 | 78 | 1 | .0 | -.0 | .0 | .0 | 0 | 14.4 | 163 | 96 | 45 | 4 | 0 | 0 | 0 | | | | |
| TX AMARILLO | 90 | 60 | 94 | 58 | 78 | 5 | .0 | -.8 | .0 | .0 | 0 | 4.9 | 81 | 87 | 31 | 3 | 0 | 0 | 0 | | | | |
| TX AUSTIN | 91 | 70 | 94 | 66 | 80 | 1 | .0 | -.3 | .8 | .0 | 0 | 10.6 | 78 | 94 | 50 | 5 | 0 | 1 | 1 | | | | |
| TX BEAUMONT | 84 | 72 | 93 | 67 | 80 | 1 | 3.0 | 2.2 | 2.3 | .2 | 30 | 26.5 | 124 | 97 | 61 | 1 | 0 | 4 | 2 | | | | |
| TX BROWNSVILLE | 84 | 74 | 96 | 72 | 84 | 3 | .0 | -.7 | .0 | .0 | 0 | 6.3 | 77 | 95 | 49 | 7 | 0 | 0 | 0 | | | | |
| TX CORPUS CHRISTI | 91 | 74 | 95 | 73 | 82 | 2 | .7 | -.1 | .6 | .0 | 0 | 6.3 | 77 | 95 | 49 | 7 | 0 | 0 | 0 | | | | |
| TX DEL RIO | 97 | 74 | 100 | 72 | 85 | 6 | .7 | -.7 | .0 | .0 | 0 | 9.6 | 100 | 87 | 49 | 7 | 0 | 0 | 0 | | | | |
| TX EL PASO | 99 | 69 | 103 | 65 | 83 | 7 | .9 | -.7 | .4 | .7 | >1000 | 2.8 | 167 | 56 | 15 | 7 | 0 | 3 | 0 | | | | |
| TX FORT WORTH | 89 | 69 | 92 | 65 | 79 | 4 | .4 | -.7 | .4 | .0 | 0 | 14.5 | 86 | 96 | 53 | 4 | 0 | 1 | 0 | | | | |
| TX GALVESTON | 86 | 76 | 90 | 71 | 81 | 2 | 1.1 | -.1 | .6 | .5 | 84 | 9.7 | 68 | 90 | 67 | 1 | 0 | 4 | 1 | | | | |
| TX HOUSTON | 89 | 71 | 94 | 68 | 80 | 2 | 1.4 | .0 | .9 | 1.0 | 116 | 13.4 | 76 | 98 | 61 | 3 | 0 | 5 | 1 | | | | |
| TX LUBBOCK | 92 | 64 | 97 | 62 | 78 | 4 | .0 | -.6 | .0 | .0 | 0 | 7.8 | 139 | 96 | 31 | 5 | 0 | 0 | 0 | | | | |
| TX MIDLAND | 95 | 67 | 102 | 64 | 81 | 4 | 1.0 | -.4 | .0 | .0 | 0 | 2.4 | 51 | 94 | 24 | 7 | 0 | 0 | 0 | | | | |
| TX SAN ANGELO | 95 | 67 | 99 | 63 | 81 | 4 | .0 | -.7 | .0 | .0 | 0 | 6.3 | 81 | 95 | 38 | 7 | 0 | 0 | 0 | | | | |
| TX SAN ANTONIO | 93 | 73 | 97 | 67 | 83 | 4 | .0 | -1.0 | .0 | .0 | 0 | 16.5 | 133 | 89 | 44 | 7 | 0 | 0 | 0 | | | | |
| TX VICTORIA | 90 | 72 | 94 | 67 | 81 | 2 | 2.0 | -.9 | .9 | 1.4 | 217 | 14.9 | 91 | 96 | 55 | 4 | 0 | 4 | 2 | | | | |
| TX WACO | 89 | 69 | 92 | 65 | 78 | 0 | .2 | -.8 | .2 | .0 | 8 | 16.4 | 114 | 96 | 53 | 3 | 0 | 2 | 0 | | | | |
| TX WICHITA FALLS | 89 | 66 | 91 | 65 | 77 | 2 | .0 | -1.0 | .0 | .0 | 0 | 6.2 | 45 | 96 | 48 | 3 | 0 | 0 | 0 | | | | |
| UT CEDAR CITY | 84 | 51 | 89 | 47 | 68 | 6 | .2 | -.1 | .2 | .0 | 0 | 3.9 | 79 | 46 | 11 | 0 | 0 | 0 | 0 | | | | |
| UT SALT LAKE CITY | 84 | 56 | 94 | 52 | 70 | 6 | .2 | -.1 | .2 | .0 | 0 | 7.7 | 92 | 83 | 25 | 1 | 0 | 1 | 0 | | | | |
| VT BURLINGTON | 73 | 49 | 85 | 42 | 61 | 0 | 1.2 | .5 | 1.0 | .2 | 43 | 14.5 | 121 | 88 | 41 | 0 | 0 | 4 | 1 | | | | |
| VA NORFOLK | 80 | 60 | 91 | 53 | 70 | -1 | .0 | -.8 | .0 | .0 | 8 | 22.2 | 121 | 86 | 41 | 1 | 0 | 1 | 0 | | | | |
| VA RICHMOND | 83 | 56 | 91 | 50 | 70 | -1 | .0 | -.8 | .0 | .0 | 0 | 20.6 | 119 | 75 | 28 | 1 | 0 | 0 | 0 | | | | |
| VA ROANOKE | 82 | 55 | 88 | 48 | 69 | 0 | .0 | -.8 | .0 | .0 | 0 | 22.8 | 136 | 80 | 36 | 0 | 0 | 0 | 0 | | | | |
| WA QUILLAYUTE | 62 | 45 | 66 | 40 | 54 | 0 | 1.4 | -.4 | .6 | .3 | 56 | 49.5 | 95 | 98 | 63 | 0 | 0 | 5 | 2 | | | | |
| WA SEATTLE-TACOMA | 66 | 50 | 71 | 46 | 58 | 0 | .5 | -.1 | .2 | .1 | 55 | 14.0 | 82 | 85 | 43 | 0 | 0 | 4 | 0 | | | | |
| WA SPOKANE | 70 | 46 | 79 | 41 | 58 | 0 | .1 | -.2 | .1 | .1 | 37 | 5.3 | 69 | 78 | 28 | 0 | 0 | 2 | 0 | | | | |
| WA YAKIMA | 73 | 44 | 81 | 37 | 58 | -3 | .0 | -.1 | .0 | .0 | 12 | 3.6 | 98 | 79 | 31 | 0 | 0 | 2 | 0 | | | | |
| WV BECKLEY | 76 | 50 | 79 | 40 | 63 | 0 | .0 | -.9 | .0 | .0 | 0 | 24.4 | 142 | 74 | 36 | 0 | 0 | 0 | 0 | | | | |
| WV CHARLESTON | 82 | 52 | 87 | 41 | 67 | -1 | .0 | -.8 | .0 | .0 | 0 | 27.5 | 159 | 85 | 36 | 0 | 0 | 0 | 0 | | | | |
| WV HUNTINGTON | 82 | 53 | 88 | 43 | 68 | 2 | .0 | -.8 | .0 | .0 | 0 | 25.3 | 142 | 82 | 33 | 0 | 0 | 0 | 0 | | | | |
| WV PARKERSBURG | 79 | 51 | 86 | 43 | 65 | -2 | .0 | -.9 | .0 | .0 | 0 | 24.6 | 139 | 90 | 35 | 0 | 0 | 0 | 0 | | | | |
| WI GREEN BAY | 76 | 49 | 86 | 40 | 63 | 2 | .0 | -.7 | .0 | .0 | 0 | 11.3 | 114 | 80 | 36 | 0 | 0 | 1 | 0 | | | | |
| WI LACROSSE | 78 | 55 | 86 | 46 | 67 | 2 | -.0 | -.0 | -.0 | -.0 | -.0 | -.0 | -.0 | 84 | 33 | 0 | 0 | 0 | 0 | | | | |
| WI MADISON | 79 | 50 | 86 | 39 | 64 | 1 | .0 | -.8 | .0 | .0 | 0 | 8.6 | 76 | 80 | 27 | 0 | 0 | 0 | 0 | | | | |
| WI MILWAUKEE | 76 | 55 | 91 | 46 | 66 | 5 | .0 | -.7 | .0 | .0 | 0 | 9.9 | 80 | 71 | 31 | 1 | 0 | 0 | 0 | | | | |
| WI WAUSAU | 75 | 50 | 84 | 38 | 63 | 1 | .2 | -.7 | .1 | .0 | 0 | 7.1 | 67 | 83 | 31 | 0 | 0 | 2 | 0 | | | | |
| WY CASPER | 86 | 50 | 91 | 45 | 68 | 10 | .1 | -.3 | .1 | .0 | 4 | 2.9 | 49 | 82 | 20 | 2 | 0 | 2 | 0 | | | | |
| WY CHEYENNE | 78 | 50 | 87 | 47 | 64 | 7 | 1.5 | 1.0 | 1.0 | 1.0 | 347 | 6.6 | 114 | 92 | 28 | 0 | 0 | 4 | 1 | | | | |
| WY LANDER | 81 | 50 | 86 | 44 | 66 | 7 | .0 | -.4 | .0 | .0 | 16 | 4.4 | 65 | 57 | 20 | 0 | 0 | 1 | 0 | | | | |
| WY SHERIDAN | 79 | 49 | 87 | 44 | 64 | 6 | .1 | -.5 | .0 | .1 | 20 | 6.2 | 91 | 81 | 28 | 0 | 0 | 2 | 0 | | | | |

Based on 1961-90 normals.

CUMULATIVE GROWING DEGREE DAYS (CORN*) March 1 - June 4, 1994

| STATES AND STATIONS | TOTAL | DEP. FROM NORMAL | STATES AND STATIONS | TOTAL | DEP. FROM NORMAL | STATES AND STATIONS | TOTAL | DEP. FROM NORMAL |
|---------------------|-------|------------------|---------------------|-------|------------------|---------------------|-------|------------------|
| AL ANNISTON | 1478 | + 101 | RUSSELL | 1101 | + 222 | YOUNGSTOWN | 544 | - 9 |
| BIRMINGHAM | 1475 | + 80 | SALINA | 1130 | + 206 | ZANESVILLE | 677 | - 49 |
| MOBILE | 1816 | + 58 | TOPEKA/BILLARD | 1041 | + 112 | OK ALTUS | 1442 | + 5 |
| MONTGOMERY | 1718 | + 217 | WICHITA | 1150 | + 76 | GAGE | 1254 | + 140 |
| MUSCLE SHOALS | 1374 | + 99 | KY LEXINGTON | 874 | - 41 | HOBART | 1338 | + 94 |
| OZARK | 1733 | + 78 | BOWLING GREEN | 1055 | - 5 | MCALISTER | 1416 | + 93 |
| TUSCALOOSA | 1567 | + 81 | PADUCAH | 1130 | + 8 | PONCA CITY | 1352 | + 213 |
| AZ DOUGLAS | 1492 | + 170 | LA LAFAYETTE | 1895 | + 90 | TULSA | 1322 | + 69 |
| FLAGSTAFF | ---- | --- | LAKE CHARLES | 1908 | + 139 | OR BAKER | 656 | + 193 |
| PHOENIX | 2000 | + 272 | MONROE | 1747 | + 174 | EUGENE | 727 | + 186 |
| TUCSON | 1776 | + 224 | NEW ORLEANS | 1501 | + 87 | NORTH BEND | 474 | + 198 |
| YUMA | 2215 | + 346 | SHERVEPORT | 1671 | + 50 | PENDLETON | 809 | + 125 |
| AR PRESCOTT | 964 | + 179 | ME AUGUSTA | 299 | - 46 | REDMOND | 623 | + 266 |
| EL DORADO | 1555 | + 91 | CARIBOU | 216 | - 16 | PORTLAND | 804 | + 266 |
| PAYETTEVILLE | 1189 | + 104 | HOULTON | 247 | - 33 | SALEM | 801 | + 45 |
| FORT SMITH | 1458 | + 159 | PORTLAND | 317 | + 4 | SEXTON SUMMIT | 332 | + 82 |
| JONESBORO | 1327 | + 48 | MD SALISBURY | 956 | + 120 | PA ALLENTOWN | 716 | + 178 |
| LITTLE ROCK | 1461 | + 78 | MA WORCESTER | 418 | + 1 | PHILADELPHIA | 891 | + 68 |
| TEXARKANA | 1578 | + 65 | MI GRAND RAPIDS | 557 | --- | WILLIAMSPORT | 681 | + 194 |
| CA BAKERSFIELD | 1478 | + 105 | JACKSON | 576 | + 29 | SC BEAUFORT | 1793 | + 191 |
| BLUE CANYON | 325 | + 4 | LANSING | 567 | - 12 | CHARLESTON | 1713 | + 171 |
| DAWGETT | 1707 | + 217 | MUSKEGON | 416 | - 16 | COLUMBIA | 1638 | + 146 |
| EUREKA | 495 | + 249 | PULLSTON | 379 | + 38 | FLORENCE | 1593 | + 23 |
| FAIRFIELD | 1193 | + 169 | SAULT STE. MARIE | 255 | + 4 | SD SUMNER/SHAW AFB | 1523 | + 731 |
| FRESNO | 1429 | + 223 | TRAVLER CITY | 448 | + 51 | ABERDEEN | 719 | + 166 |
| MARYSVILLE | 1351 | + 173 | MN DULUTH | 364 | + 102 | HURON | 719 | + 230 |
| MT SHASTA | 627 | + 224 | INT'L FALLS | 420 | + 87 | PIERRE | 814 | + 256 |
| PASO ROBLES | 1263 | + 123 | MINNEAPOLIS | 613 | --- | RAPID CITY | 782 | + 209 |
| RED BLUFF | 1267 | - 47 | ROCHESTER | 569 | --- | SIOUX FALLS | 784 | + 139 |
| RIVERSIDE | 1175 | + 279 | ALEXANDRIA | 530 | + 117 | WATERLOO | 584 | + 16 |
| SANTA ANA | 1441 | + 67 | MS BILOXI | 1886 | + 105 | BRISTOL | 988 | + 108 |
| SAN DIEGO | 1124 | + 165 | COLUMBUS | 1719 | + 290 | CHATTANOOGA | 1299 | + 163 |
| SACRAMENTO | 1226 | + 100 | JACKSON | 1591 | + 82 | CROSSVILLE | 1019 | + 173 |
| THERMAL | 1962 | + 58 | MERIDIAN | 1722 | + 192 | MEMPHIS | 1524 | + 2 |
| CO ALAMOSA | 537 | + 296 | GREENWOOD | 1643 | + 156 | NASHVILLE | 1186 | + 38 |
| DENVER | 949 | + 69 | MO COLUMBIA | 939 | + 71 | ABILENE | 1575 | + 84 |
| EAGLE | 573 | + 170 | JOPLIN | 1184 | + 108 | AMARILLO | 1145 | + 115 |
| GRAND JUNCTION | 1037 | + 83 | SPRINGFIELD | 1109 | + 113 | AUSTIN | 1909 | + 152 |
| LA JUNTA | 1096 | + 170 | VICHY | 985 | + 33 | BROWNSVILLE | 2312 | + 170 |
| DE DOVER | 780 | + 255 | MT HERLENA | 613 | + 215 | COLLEGE STATION | 1871 | + 101 |
| WILMINGTON | 823 | + 10 | KALISPELL | 478 | + 66 | DALHART | 1140 | + 229 |
| FL DAYTONA BEACH | 2069 | + 182 | MILES CITY | 773 | + 249 | DEL RIO | 2081 | + 198 |
| FORT MYERS | 2432 | + 115 | ME GRAND ISLAND | 923 | + 205 | DALLAS/FT WORTH | 1671 | + 71 |
| GAINESVILLE | 1907 | + 123 | NORFOLK | 916 | + 250 | GALVESTON | 2065 | + 96 |
| JACKSONVILLE | 1882 | + 90 | NORTH PLATTE | 915 | + 253 | HOUSTON/INTCNFL | 1981 | + 146 |
| FORT LAUDERDALE | 2648 | + 248 | VALENTINE | 858 | + 201 | KINGSVILLE/WAS | 2239 | + 148 |
| MIAMI | 2645 | + 115 | SCOTTSDUFF | 915 | + 288 | LAREDO | 2334 | + 146 |
| MILTON | 1807 | + 107 | SIDNEY | 841 | + 285 | LUBBOCK | 1428 | + 181 |
| PENSACOLA | 1876 | + 137 | NV ELKO | 672 | + 160 | MCALLEN | 2423 | + 5 |
| ST PETERSBURG | 2317 | + 219 | ELY | 621 | + 167 | MIDLAND | 1580 | + 45 |
| TALLAHASSEE | 1875 | + 152 | LAS VEGAS | 1816 | + 359 | PALACIOS | 1962 | + 140 |
| TAMPA | 2283 | + 150 | RENO | 901 | + 200 | VICTORIA | 2008 | + 7 |
| VERO BEACH | 2288 | + 123 | WINNEBOCCA | 873 | + 223 | WACO | 1695 | + 22 |
| W. PALM BEACH | 2461 | + 150 | MI CONCORD | 501 | + 27 | WICHITA FALLS | 1460 | + 132 |
| GA ATHENS | 1451 | + 150 | NJ NEWARK | 858 | + 175 | WINK | 1705 | + 189 |
| AUGUSTA | 1569 | + 123 | NM ALBUQUERQUE | 1207 | + 148 | VT CEDAR CITY | 829 | + 5 |
| BRUNSWICK | 1842 | + 162 | CARLSBAD | 1712 | + 241 | BARRE-MONTPELIER | 352 | + 8 |
| COLUMBUS/METRO | 1691 | + 98 | CLOVIS | 1202 | + 110 | BURLINGTON | 417 | + 92 |
| MACON | 1652 | + 264 | GALLUP | 862 | + 124 | HAMPTON/LANGLEY | 1106 | + 38 |
| SAVANNAH | 1828 | + 330 | TRUTH OR COMEQ. | 1342 | + 118 | LYNCHBURG | 990 | + 202 |
| ID BOISE | 870 | + 282 | NY ALBANY | 524 | - 1 | NORFOLK | 1233 | + 78 |
| HURLEY | 848 | + 302 | ELMIRA | 523 | + 5 | RICHMOND | 1146 | + 176 |
| IDARO FALLS | 706 | + 15 | GLENS FALLS | 478 | + 24 | WA BELLINGHAM | 509 | + 144 |
| POCATELLO | 759 | - 44 | POUGHKEEPSIE | 608 | + 33 | HOQUIAM | 451 | + 215 |
| IL BELLEVILLE | 960 | + 99 | ROCHESTER | 466 | - 19 | SEATTLE-TACOMA | 609 | + 179 |
| CHICAGO/MIDWAY | 675 | + 105 | SYRACUSE | 455 | - 28 | SPOKANE | 592 | + 163 |
| DECATUR | 766 | + 135 | URICA | 416 | - 15 | TACOMA | 631 | + 313 |
| PEORIA | 813 | + 30 | WATERLOO | 399 | - 7 | WALLA WALLA | 959 | + 182 |
| ROCKFORD | 716 | + 73 | ASHVILLE | 995 | + 24 | WENATCHEE | 890 | + 193 |
| SPRINGFIELD | 850 | + 12 | PAYETTEVILLE | 1420 | + 129 | YAKIMA | 876 | + 45 |
| QUINCY | 773 | + 54 | GREENSBORO | 1149 | + 52 | HUNTINGTON | 945 | + 5 |
| IN INDIANAPOLIS | 770 | + 19 | HICKORY | 1175 | + 81 | MARTINSBURG | 806 | + 46 |
| SOUTH BEND | 649 | + 33 | RALIGH | 1260 | + 87 | WI EAU CLAIRE | 582 | + 111 |
| TERRE HAUTE | 823 | + 96 | WILMINGTON | 1472 | + 144 | GREEN BAY | 528 | + 95 |
| IA DES MOINES | 809 | + 91 | NEW BERN | 1376 | + 62 | LACROSSE | 652 | + 110 |
| MASON CITY | 692 | --- | BISMARCK | 657 | + 207 | MADISON | 660 | + 92 |
| OTUMWA | 809 | + 61 | DICKINSON | 574 | + 167 | WAUSAU | 517 | + 410 |
| SIOUX CITY | 859 | + 171 | JAMESTOWN | 573 | + 146 | CASPER | 847 | + 328 |
| WATERLOO | 750 | + 175 | MINOT | 555 | + 169 | LANDER | 741 | + 279 |
| KS CHAMOTE | 1081 | + 213 | GRAND FORKS | 550 | + 141 | SHERIDAN | 726 | + 368 |
| DODGE CITY | 1096 | + 112 | OR AKRON-CANTON | 551 | - 51 | WORLDAM | 915 | |
| GARDEN CITY | 1099 | | COLUMBUS | 733 | - 10 | | | |
| GOODLAND | 937 | | DAYTON | 719 | - 23 | | | |
| MEDICINE LODGE | 1245 | | FINDLAY | 598 | - 20 | | | |

Based on 1951-80 normals.

* Growing degree days for corn are computed to a 50°F base with the daily maximum temperature limited to 86°F or lower, and the daily minimum to 50°F or higher.

May Weather and Crop Summary

Weather

Weather conditions approximated those observed as recently as May 1992, with drier-than-normal conditions covering much of the Corn Belt. Also, as in 1992, late-spring wetness developed across the southern High Plains, while dryness stressed crops in the Southeast. Temperatures averaged above normal north and west of a line from the southern Rockies to Lake Superior, with departures topping +5°F from southern Idaho to western Nebraska. In contrast, monthly temperatures averaged 2 to 4°F below normal in a broad strip from New York State to northern Texas.

Cool weather blanketed areas east of the Rockies early in the month, with temperatures reaching the freezing mark as far south as the central Plains (Wichita, KS touched 32°F on May 1) and the Ohio River (Cincinnati, OH notched 30°F on May 2). The month's other notable cool snap affected the Great Lakes and Northeastern States prior to Memorial Day. Sub-freezing temperatures were measured as far south as Flint, MI (30°F on May 27) and Elkins, WV (31°F on May 28). In contrast, hot conditions, underneath a ridge of high pressure aloft, nabbed the headlines in the Plains at times from May 16 through month's end. During the same period, cool conditions frequented both coasts, a result of the "Omega," or trough-ridge-trough, blocking pattern. On May 17, Minot, ND attained 95°F, and 2 days later, Fargo, ND reached 90°F. Another brief hot spell peaked on May 30, pushing temperatures to 92° in St. Cloud, MN, 100°F in Salina, KS, and 102°F in Midland, TX.

In the Southeast, an early-month storm curbed a month-long dry spell, but proved to be the month's only significant rain maker. Virtually no rain fell along Florida's west coast, where May records for dryness were established in Fort Myers (0.23 inches) and Tampa (0.07 inches). Sub-normal rainfall also plagued a vast area from eastern Utah and Wyoming eastward across the central Plains and much of the Corn Belt. The Corn Belt's largest rainfall event of the month brought locally an inch or more to southern Minnesota and central Iowa on May 23. Farther south and west, an upper level storm system spent 2 weeks spinning its way across the Southwestern and South Central States beginning on May 4, delivering heavy precipitation. The system dumped its heaviest rain over parts of New Mexico and Texas, especially during the 4-day period (May 9-12) that it was stationary over Arizona. In eastern Texas, runoff and rainfall combined to produce minor to moderate river flooding at mid-month. Elsewhere, timely showers (for winter wheat) arrived in the interior Pacific Northwest on May 15, and lingered for several days.

Fieldwork

May began with many producers waiting for fields to dry so spring planting could resume. Rain and cool weather in the Mississippi and Ohio Valleys interrupted planting progress, slowed crop development, and stressed some early emerged plants. The storm systems saturated some fields and hindered planting, but did not leave field crop planting behind schedule. The Nation's row crops began May ahead of the 5-year average, and the dry weather allowed producers to maintain their lead. The small grains seeding started the month slightly behind the average and remained behind. Cool weather slowed some germination in the Corn Belt. By mid-month a warm-weather system brought summer-like temperatures that dried fields and boosted crop development. Continued hot, dry weather latter in the month inhibited some crop development in the Midwest. The central Plains and Southeastern States reported short soil moisture levels at the month's end. Planting and field preparation proceeded rapidly during May with corn, rice, and spring wheat planting completed.

Winter wheat maturity continued to proceed ahead of the 5-year average across most of the Nation. The summer-like weather stimulated wheat development in the middle Great Plains, causing winter wheat to turn color early. Winter wheat harvest started in the southernmost States slightly ahead of average. Heading started the month 2 percentage points behind the average and finished the month 4 points ahead. Rain along the Pacific Coast at month's end rescued the wheat crop but did little to lessen concerns about soil moisture.

Corn planting was delayed by rains early in the month but raced ahead as soon as fields dried. Planting progress started and remained ahead of the average for all States. Dry fields allowed Iowa producers to start early and maintain an above-average pace. Reports of poor germination from cool, wet weather early in the month, to hot, dry weather later in the month had little effect on planting progress. Corn planting progress for the 17 major producing States started May at 42 percent(%) and ended at 98% complete, 9 points ahead of the average.

The month began with cool, damp conditions that slowed **cotton** germination and development in Texas. Heavy rain washed out some cotton fields in the southern Great Plains toward the end of the month, requiring replanting. Cotton planting doubled during the month starting at 42% and ending at 84% completed.

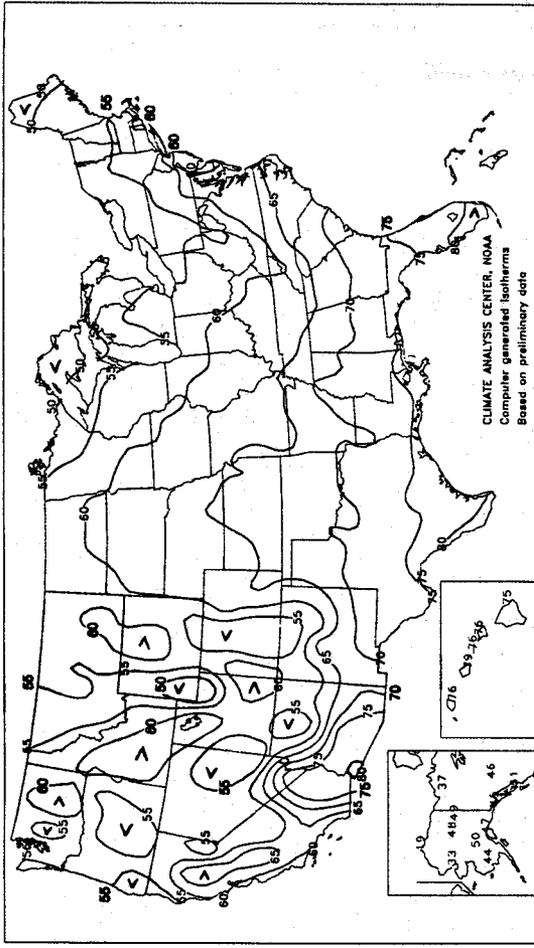
Progress of **sorghum** planting remained ahead of the average throughout the month but not at the same level as corn and soybeans. Sorghum planting increased 43 points, ending the month at 69% planted.

Entering May, **rice** planting was 20 points ahead of the average and finished the month 9 points ahead at 97% complete. California started behind the average for rice planting and remained behind throughout the month. Rice emerged ended the month 12 points ahead of the average at 85% emerged.

Dry weather at mid-month for the Mississippi and Ohio Valleys allowed farmers to plant **soybeans** at the brisk pace set by corn producers. Producers planted soybeans early despite cool weather early in the month, threatening germination. Soybeans planted started the month at 4%, and at month's end planting was 78% complete.

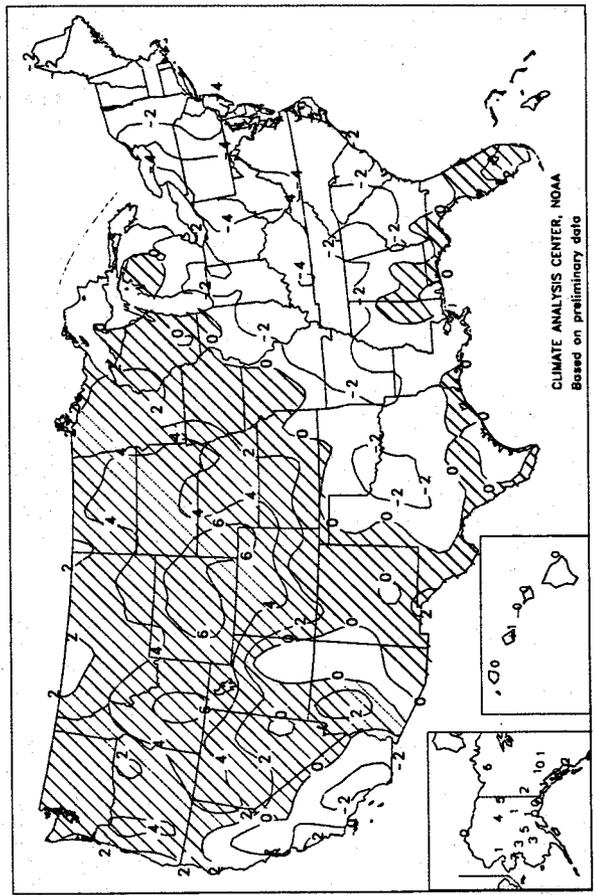
AVERAGE TEMPERATURE(°F)

MAY 1994



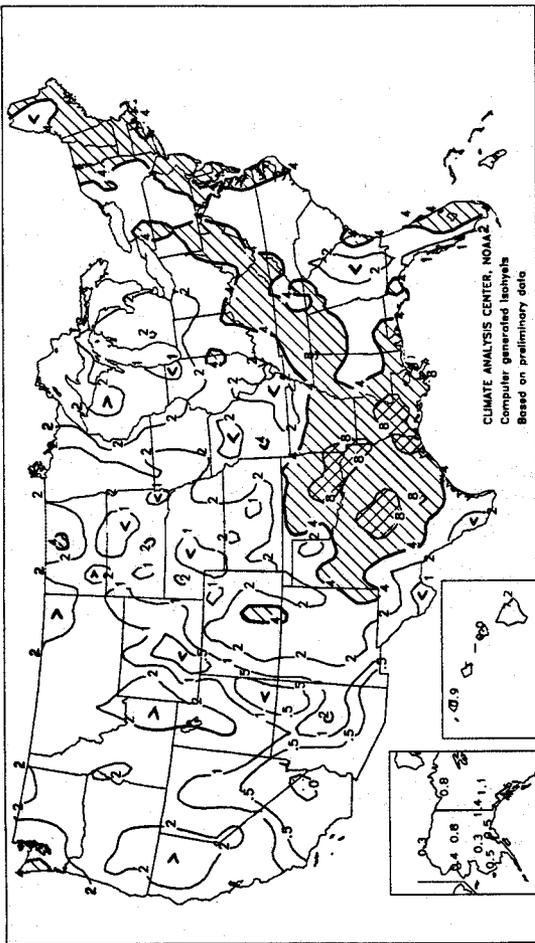
Departure of Average Temperature from Normal(°F)

MAY 1994



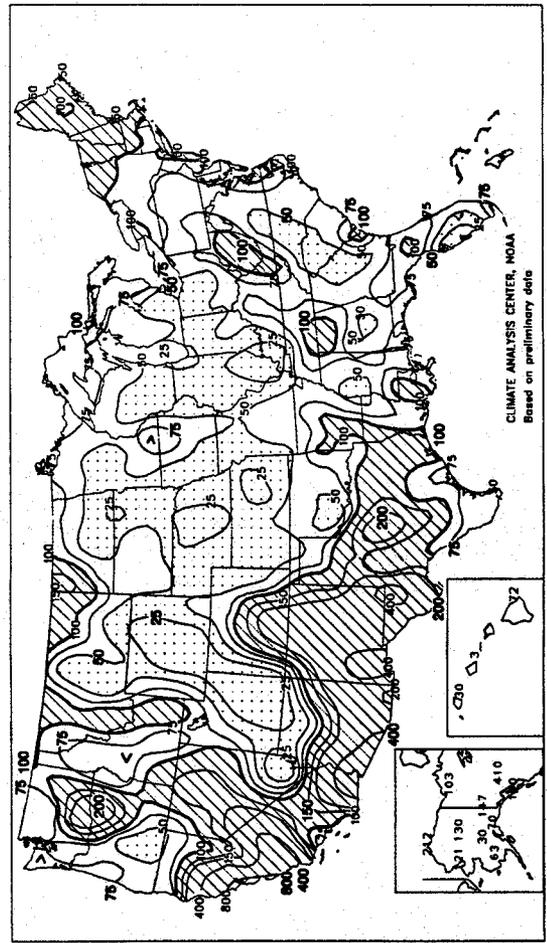
TOTAL PRECIPITATION (inches)

MAY 1994



PERCENT OF NORMAL PRECIPITATION

MAY 1994

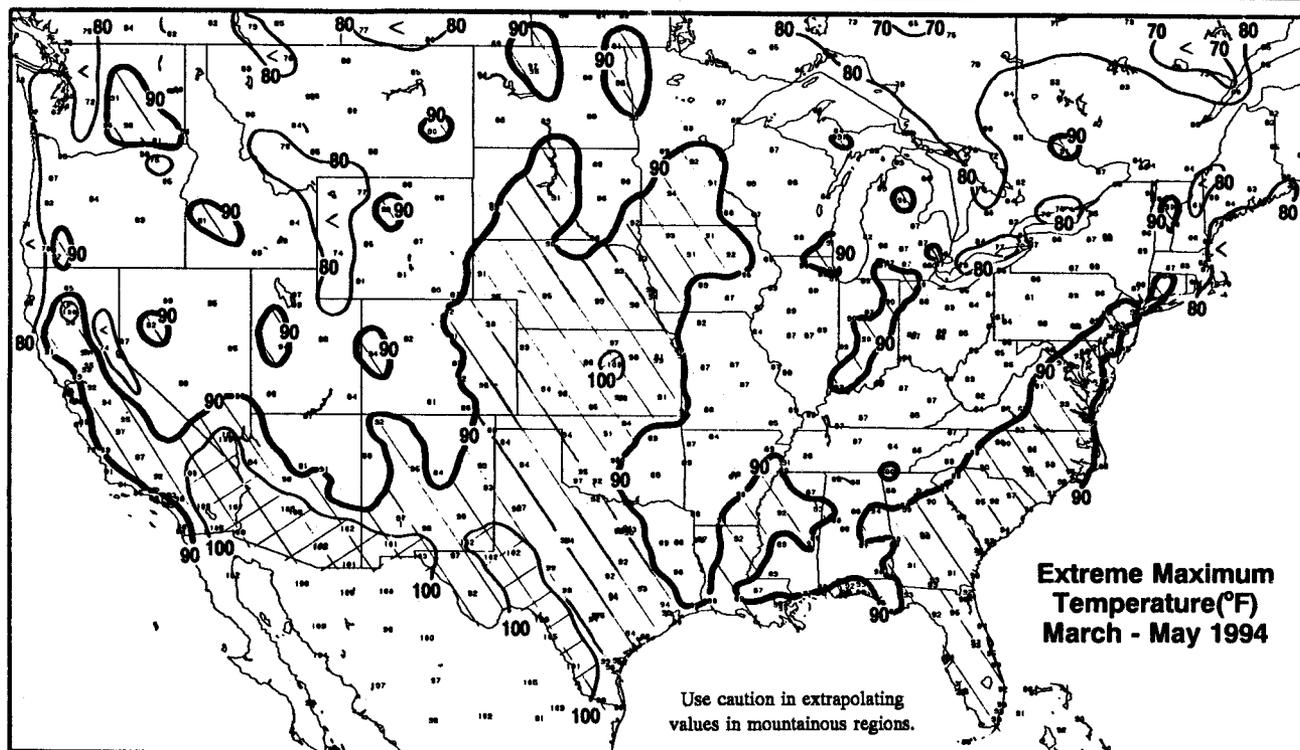


TEMPERATURE AND PRECIPITATION SUMMARY

May 1994

| STATES AND STATIONS | Temp. °F | | Precip. | | STATES AND STATIONS | Temp. °F | | Precip. | | STATES AND STATIONS | Temp. °F | | Precip. | |
|---------------------|----------|-----------|---------|-----------|----------------------|----------|-----------|---------|-----------|---------------------|----------|-----------|---------|-----------|
| | AVERAGE | DEPARTURE | TOTAL | DEPARTURE | | AVERAGE | DEPARTURE | TOTAL | DEPARTURE | | AVERAGE | DEPARTURE | TOTAL | DEPARTURE |
| AL BIRMINGHAM | 67 | -2 | 3.9 | -1.0 | LA BATON ROUGE | 73 | -2 | 5.8 | 0.9 | OK YOUNGSTOWN | 53 | -5 | 1.8 | -1.7 |
| AL HUNTSVILLE | 67 | -1 | 5.6 | 0.7 | LA LAKE CHARLES | 75 | 0 | 3.0 | -2.7 | OK OKLAHOMA CITY | 67 | -2 | 2.7 | -2.5 |
| AL MOBILE | 73 | -1 | 4.6 | -1.2 | LA NEW ORLEANS | 75 | 0 | 3.7 | -0.9 | OK TULSA | 67 | -2 | 2.8 | -2.8 |
| AL MONTGOMERY | 72 | 1 | 1.8 | -2.3 | ME BERNESPORT | 71 | -2 | 5.9 | -0.7 | OR ASTORIA | 54 | 1 | 2.6 | -0.5 |
| AK ANCHORAGE | 47 | 1 | 0.5 | -0.2 | ME CARIBOU | 49 | -3 | 4.8 | 1.7 | OR BURNS | 54 | 3 | 1.0 | 0.0 |
| AK BARROW | 19 | 0 | 0.3 | 0.2 | ME PORTLAND | 52 | -1 | 4.9 | 1.2 | OR MEDFORD | 61 | 3 | 0.6 | -0.4 |
| AK FAIRBANKS | 52 | 3 | 0.2 | -0.4 | MD BALTIMORE | 61 | -3 | 3.0 | -0.7 | OR PENDLETON | 60 | 2 | 2.6 | 1.6 |
| AK JUNEAU | 48 | 1 | 3.5 | 0.1 | MD SALLISBURY | 60 | -3 | 2.4 | -1.3 | OR PORTLAND | 61 | 4 | 0.6 | -1.5 |
| AK KODIAK | 45 | 1 | 9.5 | 4.0 | MA BOSTON | 58 | 0 | 5.4 | 2.1 | PA SALEM | 59 | 5 | 1.6 | -0.3 |
| AK NOME | 43 | 7 | T | -0.6 | MA CHATAM | 53 | 0 | 5.0 | 1.2 | PA ALLENTOWN | 59 | -1 | 2.4 | -1.8 |
| AZ FLAGSTAFF | 52 | 2 | 1.0 | 0.3 | MI ALPENA | 53 | 1 | 1.6 | -1.2 | PA ERIE | 54 | -3 | 2.0 | -1.4 |
| AZ PHOENIX | 78 | 0 | 0.4 | 0.3 | MI DETROIT | 59 | 0 | 1.2 | -1.7 | PA HARRISBURG | 60 | -1 | 2.0 | -2.2 |
| AZ PRESCOTT | 62 | 4 | 0.6 | 0.1 | MI FLINT | 55 | -2 | 0.8 | -1.9 | PA PHILADELPHIA | 62 | 1 | 3.7 | -0.1 |
| AZ TUCSON | 76 | 2 | 0.5 | 0.3 | MI GRAND RAPIDS | 56 | -2 | 2.6 | -0.5 | PA PITTSBURGH | 57 | -3 | 2.5 | -1.0 |
| AZ WINSLOW | 61 | -1 | 0.6 | 0.3 | MI HOUGHTON LAKE | 55 | 1 | 1.4 | -1.1 | PA SCRANTON | 57 | -2 | 2.7 | -1.0 |
| AZ YUMA | 79 | 1 | 0.3 | 0.3 | MI LANSING | 55 | -2 | 1.1 | -1.8 | PA WILLIAMSPORT | 57 | -2 | 2.4 | -1.5 |
| AR FORT SMITH | 69 | 0 | 6.5 | 1.3 | MI MARQUETTE | 50 | -2 | 2.3 | -0.7 | RI PROVIDENCE | 56 | -1 | 3.0 | -0.8 |
| AR LITTLE ROCK | 68 | -1 | 6.1 | 0.9 | MI MUSKEGON | 53 | -3 | 1.3 | -1.3 | RI CHARLESTON | 71 | -2 | 2.4 | -1.7 |
| CA BAKERSFIELD | 69 | -2 | 0.3 | 0.1 | MI SAULT ST. MARIE | 49 | -2 | 3.0 | 0.3 | SC COLOMBIA | 69 | -2 | 2.0 | -1.7 |
| CA BISHOP | 62 | 0 | - | - | MI ALEXANDRIA | 59 | 3 | 1.2 | -1.6 | SC FLORENCE | 69 | -2 | 2.4 | -1.1 |
| CA BUREKA | 56 | 3 | 1.1 | -0.3 | MI DULUTH | 54 | 3 | 1.9 | -1.1 | SC GREENVILLE | 65 | -3 | 1.4 | -3.0 |
| CA FRESNO | 69 | 0 | 1.3 | 1.0 | MI INT'L FALLS | 54 | 2 | 1.6 | -0.8 | SD ABERDEEN | 64 | 6 | 0.3 | -2.5 |
| CA LOS ANGELES | 62 | -1 | 0.1 | -0.1 | MI MINNEAPOLIS | 61 | 2 | 2.2 | -1.2 | SD HURON | 62 | 4 | 1.7 | -1.2 |
| CA REDDING | 67 | 1 | 1.4 | 0.1 | MI ROCHESTER | 58 | 1 | 3.2 | -0.2 | SD RAPID CITY | 60 | 5 | 1.5 | -1.2 |
| CA SACRAMENTO | 65 | 0 | 1.5 | 1.2 | MI ST. CLOUD | 58 | 2 | 1.1 | -2.0 | SD SIOUX FALLS | 64 | 5 | 1.3 | -1.8 |
| CA SAN DIEGO | 62 | -2 | 0.1 | -0.1 | MS GREENWOOD | 71 | -1 | 2.4 | -2.8 | TX BRISTOL | 61 | -2 | 3.9 | -0.1 |
| CA SAN FRANCISCO | 58 | 0 | 1.5 | 1.3 | MS JACKSON | 71 | -1 | 2.2 | -3.2 | TX CHATTANOOGA | 66 | -1 | 3.3 | -1.1 |
| CA SANTA MARIA | 58 | 1 | 0.6 | 0.4 | MS MERIDIAN | 72 | 1 | 4.0 | -0.4 | TX CROCKFORD | 64 | -2 | 3.0 | -1.1 |
| CO ALAMOSA | 52 | 2 | 1.8 | 1.1 | MS MOBILE | 67 | -3 | 3.8 | -1.9 | TX DENVER | 69 | -2 | 3.0 | -2.0 |
| CO CO. SPRINGS | 58 | 2 | 4.1 | 2.0 | MS NO CAPE GIRARDEAU | 65 | -2 | 0.8 | -4.4 | TX DALLAS | 64 | -4 | 3.8 | -1.1 |
| CO DENVER | 63 | 6 | 1.3 | -1.1 | MS COLUMBIA | 63 | 0 | 2.4 | -2.4 | TX ARLING | 70 | -3 | 9.0 | 6.1 |
| CO GRAND JUNCTION | 65 | 3 | 0.2 | -0.7 | MS KANSAS CITY | 65 | 0 | 1.3 | -3.8 | TX ABILENE | 65 | 0 | 1.4 | -1.1 |
| CO PUEBLO | 61 | 0 | 2.4 | 1.1 | MS SAINT LOUIS | 68 | -1 | 1.7 | -2.2 | TX AUSTIN | 75 | -1 | 3.7 | -1.1 |
| CT BRIDGEPORT | 59 | 0 | 3.4 | -0.5 | MS SPRINGFIELD | 64 | 0 | 3.5 | -1.3 | TX BEAUMONT | 76 | 1 | 9.9 | 4.2 |
| CT HARTFORD | 58 | -1 | 4.1 | 0.0 | MS BILLINGS | 60 | 5 | 1.5 | -1.0 | TX BEAUMONT | 80 | 0 | 1.2 | -1.7 |
| DC WASHINGTON | 63 | -4 | 1.6 | -2.1 | MS GLASGOW | 58 | 3 | 1.9 | 0.2 | TX CORPUS CHRISTI | 78 | 0 | 2.0 | -1.3 |
| FL APALACHICOLA | 75 | 1 | 1.4 | -1.3 | MS GREAT FALLS | 55 | 2 | 1.8 | -0.7 | TX DEL RIO | 78 | 1 | 2.4 | -0.6 |
| FL DAYTONA BEACH | 75 | 0 | 3.1 | -0.4 | MS HAVRE | 57 | 2 | 0.8 | -0.1 | TX FORT WORTH | 76 | 4 | 0.8 | 0.6 |
| FL FT. MYERS | 80 | 2 | 0.2 | -3.6 | MS HELENA | 56 | 4 | 1.2 | -0.6 | TX GALLUP | 71 | 0 | 5.8 | 0.5 |
| FL JACKSONVILLE | 74 | -1 | 3.2 | -0.4 | MS KALISPELL | 53 | 2 | 1.4 | -0.5 | TX GARDEN CITY | 78 | 2 | 3.7 | 0.1 |
| FL KEY WEST | 82 | 1 | 3.1 | -0.3 | MS MILES CITY | 62 | 5 | 1.2 | -1.0 | TX HOOVER | 76 | 1 | 5.0 | -0.3 |
| FL MIAMI | 81 | 2 | 4.7 | -1.5 | MS MISSOULA | 56 | 4 | 1.8 | 0.0 | TX LAROCK | 69 | 0 | - | - |
| FL ORLANDO | 77 | 1 | 2.9 | -0.7 | MS GRAND ISLAND | 64 | 3 | 0.5 | -3.4 | TX LUBBOCK | 69 | 0 | 4.1 | 1.8 |
| FL TALLAHASSEE | 74 | 0 | 4.5 | -0.3 | MS LINCOLN | 63 | 1 | 1.7 | -2.2 | TX MIDLAND | 72 | -1 | 1.3 | -0.9 |
| FL TAMPA | 78 | 1 | 0.1 | -3.0 | MS NORFOLK | 64 | 4 | 1.1 | -2.6 | TX SAN ANGELO | 73 | -1 | 3.3 | 0.3 |
| FL WEST PALM BEACH | 79 | 1 | 4.5 | -2.2 | MS OMAHA | 63 | 4 | 1.2 | -2.3 | TX SAN ANTONIO | 76 | 1 | 7.0 | 2.8 |
| GA ATHENS | 68 | -1 | 2.0 | -2.4 | MS SCOTTSDALE | 63 | 6 | 1.1 | -1.7 | TX VICTORIA | 76 | 0 | 4.4 | -0.1 |
| GA ATLANTA | 69 | 0 | 2.2 | -2.1 | MS VALLENTINE | 62 | 3 | 1.1 | -2.3 | TX WACO | 72 | -2 | 6.7 | 2.1 |
| GA AUGUSTA | 68 | -3 | 1.0 | -2.8 | MS WELLS | 55 | 2 | 1.7 | 0.7 | TX WICHITA FALLS | 69 | -2 | 1.2 | -3.1 |
| GA MACON | 69 | -3 | 2.3 | -1.3 | MS ELY | 51 | 1 | 1.0 | -0.1 | UT BLANDING | 62 | 4 | - | - |
| GA SAVANNAH | 72 | -1 | 6.2 | -2.7 | MS LAS VEGAS | 77 | 3 | T | -0.3 | UT CEDAR CITY | 59 | 2 | 0.4 | -0.5 |
| HI HILO | 75 | 1 | 7.2 | -2.7 | MS RENO | 60 | 3 | 1.4 | 0.7 | UT SALT LAKE CITY | 63 | 4 | 1.3 | -0.5 |
| HI HONOLULU | 79 | 2 | 0.1 | -1.0 | MS WINNEMUCCA | 58 | 3 | 1.3 | 0.5 | VT BURLINGTON | 55 | -2 | 4.6 | 1.5 |
| HI KAHULUI | 76 | 0 | T | -0.8 | MS CONCORD | 54 | -1 | 4.3 | 1.2 | VA LYNCHBURG | 61 | -3 | 1.9 | -2.1 |
| HI LIHUE | 76 | 1 | 1.5 | -1.7 | MS ATLANTIC CITY | 57 | -3 | 3.5 | 0.2 | VA NORFOLK | 65 | -1 | 3.5 | -0.3 |
| ID BOISE | 61 | 3 | 1.0 | -0.1 | MS ALBUQUERQUE | 67 | 3 | 1.9 | 1.4 | VA RICHMOND | 63 | -3 | 2.5 | -1.4 |
| ID LEWISTON | 62 | 3 | 1.2 | -0.1 | MS CLOVIS | 66 | 1 | 2.7 | 0.8 | VA ROANOKE | 61 | -4 | 1.7 | -2.3 |
| ID POCATELLO | 58 | 5 | 1.6 | 0.2 | MS ROSWELL | 70 | 1 | 3.8 | 2.8 | VA COLVILLE | 58 | 3 | 1.9 | 0.3 |
| IL CAIRO | - | - | - | - | MS ALBANY | 56 | -1 | 3.3 | -0.1 | VA QUILLAYUTE | 53 | 2 | 4.4 | -1.0 |
| IL CHICAGO | 58 | -1 | 0.6 | -2.7 | MS BINGHAMTON | 53 | -3 | 2.8 | -0.6 | VA SEATTLE-TACOMA | 58 | 3 | 1.4 | -0.3 |
| IL MOLINE | 61 | -1 | 1.7 | -2.6 | MS BUFFALO | 55 | -2 | 3.5 | 0.4 | VA SPOKANE | 57 | 3 | 1.4 | 0.0 |
| IL PEORIA | 62 | 0 | 1.5 | -2.2 | MS NEW YORK | 62 | 0 | 4.5 | 0.7 | VA WALLA WALLA | 64 | 5 | 2.2 | 0.6 |
| IL QUINCY | 61 | -2 | 2.1 | -2.5 | MS ROCHESTER | 54 | -4 | 2.6 | -0.2 | VA YAKIMA | 60 | 3 | 1.2 | 0.8 |
| IL ROCKFORD | 60 | 1 | 1.4 | -2.2 | MS SYRACUSE | 54 | -4 | 3.0 | -0.3 | WV BECKLEY | 55 | -5 | 4.2 | 0.2 |
| IL SPRINGFIELD | 62 | -1 | 4.0 | 0.4 | MS ABBEVILLE | 60 | -3 | 1.7 | -3.2 | WV CHARLESTON | 60 | -4 | 4.0 | 0.0 |
| IN EVANSVILLE | 64 | -3 | 0.9 | -3.6 | MS CHARLOTTE | 67 | 0 | 1.5 | -2.4 | WV ELKINS | 53 | -4 | 5.3 | 1.0 |
| IN FORT WAYNE | 60 | -1 | 1.1 | -2.4 | MS GREENSBORO | 63 | -3 | 1.7 | -2.3 | WV HUNTINGTON | 60 | -2 | 3.5 | -0.7 |
| IN INDIANAPOLIS | 60 | -3 | 2.0 | -2.0 | MS HATTIESBURG | 67 | 0 | 4.6 | 0.6 | WV PARKERSBURG | 58 | -5 | 3.4 | -0.3 |
| IN SOUTH BEND | 57 | -3 | 0.8 | -2.5 | MS NEW BERN | 67 | -3 | 2.9 | -1.7 | WV GREEN BAY | 57 | 2 | 1.7 | -1.1 |
| IA DES MOINES | 62 | 1 | 1.8 | -2.4 | MS RALEIGH | 64 | -3 | 2.8 | -1.1 | WV LACROSSE | 61 | 1 | 1.5 | -1.8 |
| IA DUBUQUE | 59 | 0 | 1.1 | -3.2 | MS WILMINGTON | 68 | -1 | 2.7 | -1.3 | WV MADISON | 58 | 0 | 1.3 | -1.9 |
| IA SIOUX CITY | 64 | 2 | 0.9 | -2.8 | MS BISMARCK | 60 | 5 | 0.5 | -1.6 | WV MILWAUKEE | 57 | 2 | 0.7 | -2.2 |
| IA WATERLOO | 62 | 1 | 2.2 | -1.9 | MS FARGO | 60 | 4 | 0.8 | -1.6 | WV WATSAU | 57 | 1 | 1.4 | -2.2 |
| KS CONCORDIA | 65 | 3 | 1.6 | -2.7 | MS GRAND FORKS | 59 | 4 | 1.3 | -0.7 | WV CASPER | 61 | 9 | 0.4 | -1.8 |
| KS DODGE CITY | 66 | 1 | 0.9 | -2.1 | MS WILMINGTON | 57 | 1 | 2.7 | 0.7 | WV CHEYENNE | 57 | 5 | 2.0 | -0.3 |
| KS GOODLAND | 63 | 4 | 1.5 | -2.0 | MS AKRON-CANTON | 55 | -4 | 3.5 | -0.2 | WV LANDER | 60 | 7 | 0.1 | -2.2 |
| KS TOPEKA | 65 | 0 | 1.0 | -3.5 | MS CINCINNATI | 59 | -4 | 2.1 | -2.2 | WV SHERIDAN | 55 | 6 | 0.7 | -1.7 |
| KS WICHITA | 66 | 0 | 0.9 | -3.5 | MS CLEVELAND | 55 | -4 | 1.7 | -1.8 | PR SAN JUAN | 82 | 2 | 1.7 | -4.2 |
| KY BOWLING GREEN | 62 | -4 | 3.2 | -1.7 | MS COLUMBUS | 58 | -2 | 1.7 | -2.3 | | | | | |
| KY JACKSON | 60 | -4 | 3.4 | -1.3 | MS DAYTON | 59 | -3 | 2.0 | -1.9 | | | | | |
| KY LEXINGTON | 60 | -4 | 4.9 | 0.4 | MS MANSFIELD | 54 | -4 | 1.3 | -3.0 | | | | | |
| KY LOUISVILLE | 63 | -2 | 2.1 | -2.5 | MS TOLEDO | 57 | -1 | 1.1 | -1.8 | | | | | |
| KY PADUCAH | 64 | -3 | 0.7 | -4.2 | | | | | | | | | | |

Based on 1961-90 normals.



A pesky ridge of high pressure developed over the central third of the Nation during May, resulting in several hot late-spring days. However, polar frontal energy (cold fronts) broke through the ridge at regular intervals, ensuring that hot spells did not last more than a few days. Nevertheless, thunderstorm activity in the central Plains and the Corn Belt was considerably below normal for the last third of spring, partly due to the "capping" effect of the warm ridge aloft. In contrast, cool air at times became entrenched against both the east and west sides of the ridge, forming an "Omega block," named after the Greek letter that the air-flow and temperature patterns resemble.

Spring Weather Review

HIGHLIGHTS: Spring began and ended dry across the central Plains and the Corn Belt, broken by a wet April (except in eastern Nebraska and Iowa). In the southern Plains, several months of dry weather yielded abruptly to early-May downpours. Farther east, the Southeastern States turned dry during the spring for the second consecutive year. Areas from the middle Mississippi and Ohio River Valleys into the Northeast weathered a minor bout with spring flooding as conditions gradually turned drier. The Pacific Northwest closed out a drier-than-normal wet season with sub-par spring rains.

All 3 months featured above-normal temperatures in the Northwestern States, resulting in spring departures of +4°F or more from southern Idaho to western Nebraska. Normal to below-normal spring temperatures were confined to parts of a strip from Texas to New England.

MARCH: Overall atmospheric features from the 1993-94 winter months (west coast ridge and Great Lakes trough) remained intact. As a result, wet weather persisted from the Tennessee Valley to the Northeast, while dryness prevailed in the West. California had its 14th driest March since 1895, marking an early end to a disappointing wet season (about 65 percent of normal precipitation). It was the driest March on record for Idaho, Montana, Wyoming, and Nebraska. Farther east, monthly precipitation exceeded twice normal and totaled 8 inches or more in many locations from eastern Tennessee to New Jersey. One storm, between March 1 and 4, left a fresh 1- to 2-foot blanket of snow in the central and northern Appalachians. A late-month storm pushed seasonal snowfall at Scranton, PA and Elkins, WV to record magnitudes, but will be remembered for its tornado outbreak that left more than 40 people dead across the Southeast on March 27.

Monthly temperatures averaged above normal except in parts of the Northeast. Near-record warmth, with departures commonly +4 to +6°F, covered areas from the northern Plains southward into the Southwest.

APRIL: Stormy weather encompassed a large part of the Nation, but temperatures remained mostly above normal. Acute wetness shifted a bit westward, striking the middle Mississippi and lower Ohio Valleys. Rainfall, in combination with above-normal Ohio Basin runoff, brought short-lived minor to moderate flooding to the middle Mississippi Valley and points downstream. Several late-season snowstorms plagued the central third of the Nation, including one that left a depth of 9 inches in Sioux Falls, SD on April 29. In contrast, dryness developed in the southern Atlantic Coast States.

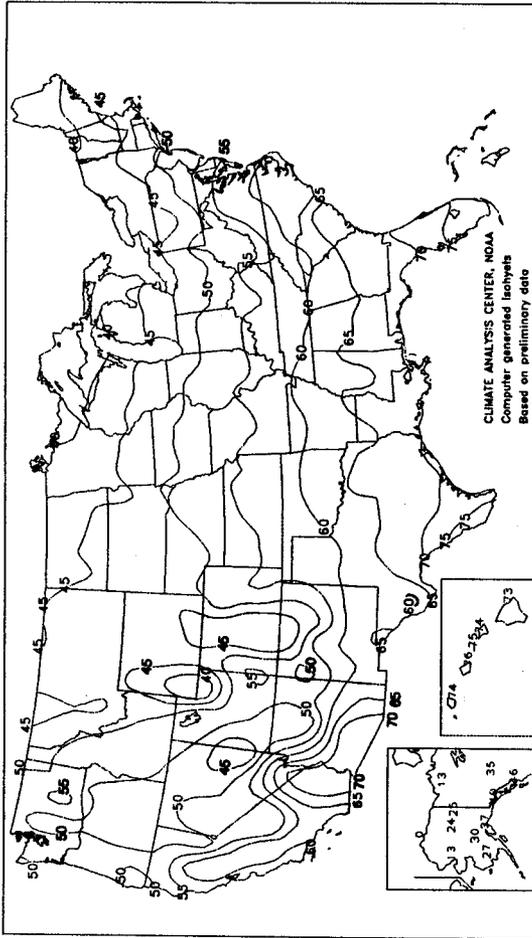
Although temperatures averaged only 1 to 2°F below normal in the Plains, occasional wintry blasts persisted. Even late in the month (April 27), Amarillo, TX reported 30°F and Tribune, KS measured 21°F. Monthly temperatures averaged 4°F or more above normal in the interior Northwest and in many areas south of the Ohio River.

MAY: Long-term moisture deficits were vanquished in the southern High Plains, but dry weather returned to the central Plains and the Corn Belt. Dryness continued in the Southeast.

A trough became re-established over the Nation's northeastern quadrant, permitting cool air to slide southeastward across the Midwest and the East. An offshore storm roiled Atlantic coastal waters and brought exceptionally cool weather to the Eastern States for several days beginning at mid-month. Farther west, over the High Plains, a building ridge resulted in several hot days.

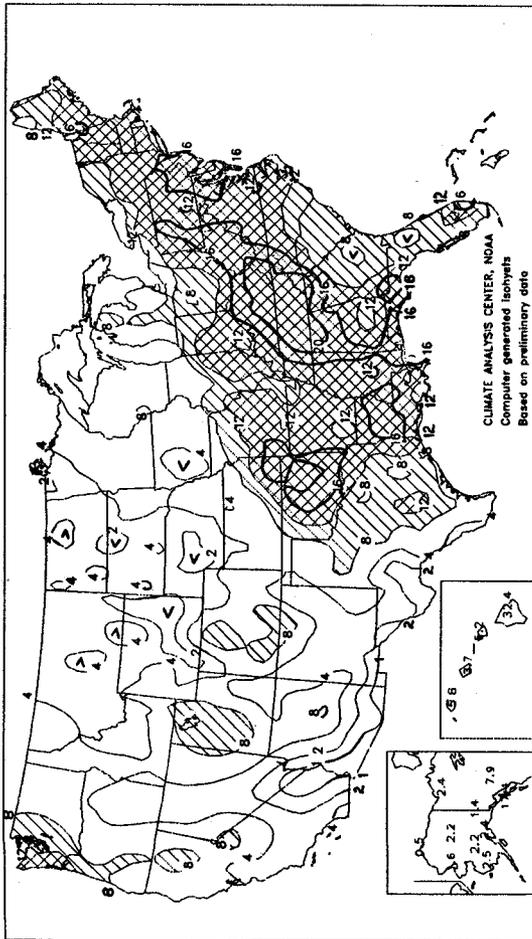
SPRING Average Temperature(°F)

MAR-MAY 1994



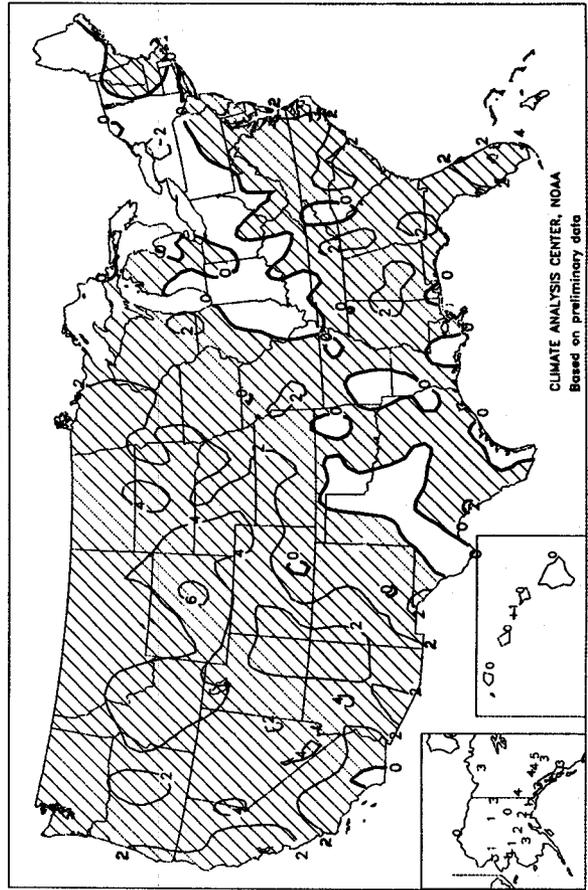
SPRING TOTAL PRECIPITATION (inches)

MAR-MAY 1994



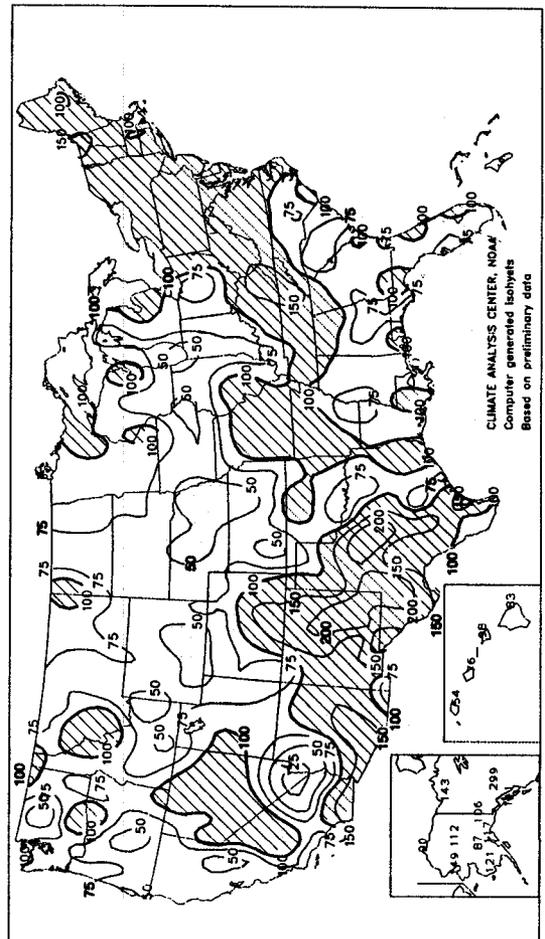
SPRING Departure from Normal Average Temperature (°F)

MAR-MAY 1994



SPRING PERCENT OF NORMAL PRECIPITATION

MAR-MAY 1994



National Agricultural Summary

May 30 - June 5, 1994

HIGHLIGHTS: The development of winter wheat was accelerated by continued hot days in the central Great Plains. Wheat in southern Kansas was turning color and was beginning to ripen. Beneficial rains were scattered over the Midwest, with Iowa reporting the greatest weekly total for the year, yet topsoil moisture was still 37 percent(%) short. Hot weather advanced crop development but diminished the effect of the beneficial rains, since soil moisture shortages persisted for the Pacific Coast, central Great Plains, and Southeastern States. Scattered rains produced uneven stands of row crops. The Nations cotton crop benefited from the hot weather as cotton squaring started the year 8 percentage points ahead of the 5-year average. Producers were nearing completion for cotton planting and were turning their attention to planting soybeans and sorghum. The rains and warm weather favored soybean development, with most States reporting soybean emergence over 60 percent(%). All field crops progress remained ahead of the average. Illinois producers were treating some soybean fields for cutworms and reported stalk borer infestation in some no-till corn fields.

SMALL GRAINS: The winter wheat crop was mostly fair with 89% of the winter wheat acreage headed, 9 points ahead of last week, and 4 points ahead of the average. Idaho, Michigan, and Montana were below 30% headed. Winter wheat harvesting was 4% complete, 1 point ahead of the average. Georgia's winter wheat harvest was 85% complete, 47 points ahead of the average. Heading of winter wheat in Ohio was 88%, double last week's amount. Maturity was accelerated by the recent hot weather in Kansas, where over half of the winter wheat was turning color. Winter wheat condition declined in the lower Great Plains and the northern Pacific coast. Texas wheat condition was 53% of normal, compared with 78% for last year, while Oklahoma wheat condition was mostly fair, up from last week.

The **spring wheat** crop was mostly good for the five major producing States. Spring wheat was 95% emerged, 11 points ahead of last week and equal to the average. Minnesota reported that spring wheat jointing was 25%, compared with 36% for the average, while North Dakota reported 11% jointing.

FIELD CROPS: Corn condition was mostly good, down slightly from the previous week. Warm weather and suitable field conditions spurred corn planting to completion in virtually all States. Corn emerged was over 95% in Indiana and Minnesota. The average corn height was 7 inches for Illinois, while Iowa reported 8 inches. Illinois producers reported that some acres were sprayed for insects. Corn silking was reported at 58% for Georgia.

Cotton planting for the 14 major producing States was 90% complete, 2 points ahead of normal. Cotton condition was mostly good, up slightly from last week. Cotton planting in Alabama was 91% complete, 5 points behind the average. Arkansas reported some cotton was replanted due to herbicide damage, with cotton 89% emerged, compared with 87% for the average. Cotton squaring reached 14% for the major producing States, with Mississippi reporting 38% squared, 29 points ahead of the average. The cotton condition in Texas was 88% of normal, compared with 73% for last year.

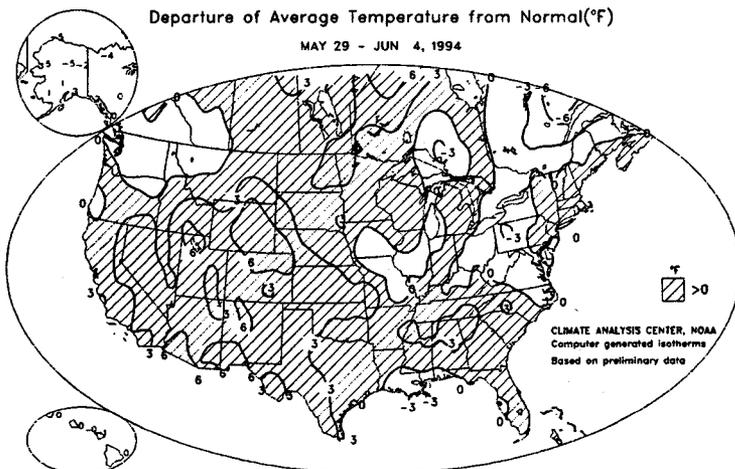
Sorghum planting was 80% complete, a 11-point increase from last week, and 16 points ahead of normal. Illinois, Kansas, New Mexico, Oklahoma, and South Dakota reported at least a 20-point increase from last week for sorghum planted. Sorghum headed in Texas was 8 points ahead of last year at 38%, with condition at 85% of normal, while Nebraska sorghum condition was reported mostly good.

Rice condition was mostly good, with seeding virtually complete for all States. Rice was 91% emerged for the five States, 9 points ahead of the average. Mississippi's rice was 100% emerged, 26 points ahead of the average, while California was 5 points behind the average at 70% emerged.

Soybeans planted was 88% complete, 20 points ahead of the average. Soybeans planted increased 10 points from last week, and was 27 points ahead of last year. Iowa and Nebraska completed planting and were 25 and 17 points, respectively, ahead of the average. Mississippi's soybeans planted were 52 points above the average.

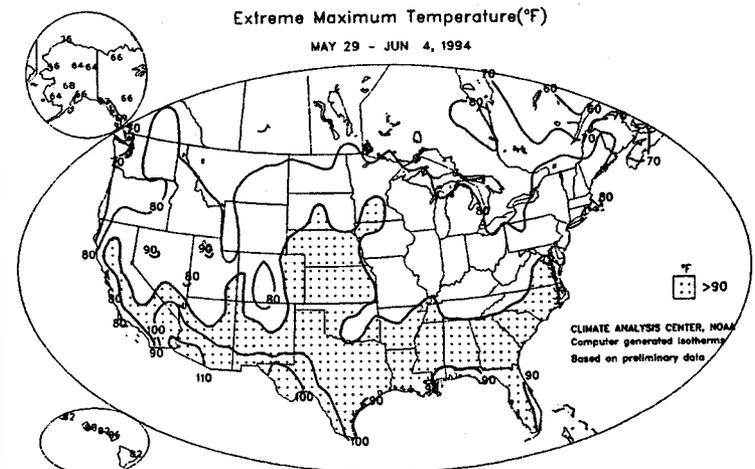
Departure of Average Temperature from Normal(°F)

MAY 29 - JUN 4, 1994



Extreme Maximum Temperature(°F)

MAY 29 - JUN 4, 1994



Crop Progress
for the Week Ending June 5, 1994

SPRING WHEAT EMERGED

| | Current | Last Wk | 1993 | Avg. |
|----------|---------|---------|------|------|
| ID | 99 | 97 | 88 | 96 |
| MN | 99 | 92 | 98 | 98 |
| MT | 92 | 82 | 90 | 84 |
| ND | 93 | 79 | 97 | 96 |
| SD | 100 | 96 | 98 | 99 |
| 5 States | 95 | 84 | 96 | 95 |

These 5 States produced 97% of the 1993 spring wheat crop.

COTTON PLANTED

| | Current | Last Wk | 1993 | Avg. |
|-----------|---------|---------|------|------|
| AL | 91 | 86 | 90 | 96 |
| AZ | 100 | 100 | 100 | 100 |
| AR | 98 | 97 | 98 | 96 |
| CA | 100 | 100 | 100 | 100 |
| GA | 97 | 94 | 96 | 94 |
| LA | 100 | 99 | 100 | 95 |
| MS | 100 | 99 | 96 | 94 |
| MO | 100 | 98 | 100 | 100 |
| NM | 100 | 90 | 99 | 99 |
| NC | 100 | 96 | 100 | 100 |
| OK | 85 | 51 | 74 | 62 |
| SC | 100 | 99 | 100 | 97 |
| TN | 100 | 99 | 98 | 92 |
| TX | 79 | 69 | 85 | 78 |
| 14 States | 90 | 84 | 92 | 88 |

These 14 States produced 99% of the 1993 cotton crop.

RICE EMERGED

| | Current | Last Wk | 1993 | Avg. |
|----------|---------|---------|------|------|
| AR | 93 | 90 | 72 | 80 |
| CA | 70 | 45 | 50 | 75 |
| LA | 96 | 94 | 94 | 92 |
| MS | 100 | 99 | 61 | 74 |
| TX | 97 | 91 | 88 | 93 |
| 5 States | 91 | 85 | 74 | 82 |

These 5 States produced 96% of the 1993 rice crop.

WINTER WHEAT HEADED

| | Current | Last Wk | 1993 | Avg. |
|-----------|---------|---------|------|------|
| AR | 100 | 100 | 100 | 100 |
| CA | 99 | 99 | 99 | 99 |
| CO | 92 | 82 | 82 | 79 |
| GA | 100 | 100 | 100 | 100 |
| ID | 26 | 6 | 7 | 17 |
| IL | 95 | 84 | 91 | 97 |
| IN | 96 | 70 | 88 | 91 |
| KS | 100 | 99 | 98 | 100 |
| MI | 25 | 2 | 10 | 35 |
| MO | 97 | 90 | 86 | 97 |
| MT | 2 | 0 | 0 | 3 |
| NE | 95 | 64 | 66 | 86 |
| NC | 100 | 100 | 100 | 100 |
| OH | 88 | 44 | 75 | 73 |
| OK | 100 | 100 | 100 | 100 |
| OR | 89 | 80 | 82 | 80 |
| SD | 68 | 30 | 19 | 47 |
| TX | 98 | 93 | 100 | 99 |
| WA | 86 | 70 | 59 | 66 |
| 19 States | 89 | 80 | 81 | 85 |

These 19 States produced 92% of the 1993 winter wheat crop.

COTTON SQUARING

| | Current | Last Wk | 1993 | Avg. |
|-----------|---------|---------|------|------|
| AL | 2 | NA | 2 | 7 |
| AZ | 41 | NA | 41 | 43 |
| AR | 5 | NA | 0 | 1 |
| CA | 2 | NA | 5 | 5 |
| GA | 25 | NA | 6 | 8 |
| LA | 9 | NA | 3 | 7 |
| MS | 38 | NA | 4 | 9 |
| MO | 7 | NA | 0 | 1 |
| NM | 0 | NA | 0 | 0 |
| NC | 0 | NA | 0 | 0 |
| OK | 0 | NA | 0 | 1 |
| SC | 2 | NA | 0 | 3 |
| TN | 1 | NA | 0 | 0 |
| TX | 16 | NA | 14 | 11 |
| 14 States | 14 | NA | 8 | 8 |

These 14 States produced 99% of the 1993 cotton crop.

WINTER WHEAT HARVESTED

| | Current | Last Wk | 1993 | Avg. |
|-----------|---------|---------|------|------|
| AR | 5 | NA | 0 | 6 |
| CA | 5 | NA | 10 | 7 |
| CO | 0 | NA | 0 | 0 |
| GA | 85 | NA | 21 | 38 |
| ID | 0 | NA | 0 | 0 |
| IL | 0 | NA | 0 | 0 |
| IN | 0 | NA | 0 | 0 |
| KS | 0 | NA | 0 | 0 |
| MI | 0 | NA | 0 | 0 |
| MO | 0 | NA | 0 | 1 |
| MT | 0 | NA | 0 | 0 |
| NE | 0 | NA | 0 | 0 |
| NC | 15 | NA | 10 | 12 |
| OH | 0 | NA | 0 | 0 |
| OK | 10 | NA | 2 | 7 |
| OR | 0 | NA | 0 | 0 |
| SD | 0 | NA | 0 | 0 |
| TX | 15 | NA | 16 | 12 |
| WA | 0 | NA | 0 | 0 |
| 19 States | 4 | NA | 2 | 3 |

These 19 States produced 92% of the 1993 winter wheat crop.

GRAIN SORGHUM PLANTED

| | Current | Last Wk | 1993 | Avg. |
|-----------|---------|---------|------|------|
| AR | 95 | 92 | 87 | 88 |
| CO | 31 | 28 | 46 | 37 |
| IL | 80 | 51 | 38 | 54 |
| KS | 75 | 55 | 30 | 45 |
| LA | 94 | 90 | 89 | 86 |
| MS | 88 | 80 | 80 | 83 |
| MO | 84 | 73 | 53 | 57 |
| NE | 95 | 86 | 62 | 79 |
| NM | 45 | 20 | 30 | 43 |
| OK | 73 | 45 | 62 | 39 |
| SD | 77 | 57 | 42 | 48 |
| TX | 83 | 80 | 85 | 82 |
| 12 States | 80 | 69 | 59 | 64 |

These 12 States produced 98% of the 1993 grain sorghum crop.

SOYBEANS PLANTED

| | Current | Last Wk | 1993 | Avg. |
|-----------|---------|---------|------|------|
| AL | 62 | 53 | 58 | 53 |
| AR | 61 | 51 | 32 | 35 |
| GA | 57 | 51 | 47 | 47 |
| IL | 92 | 79 | 69 | 78 |
| IN | 95 | 78 | 80 | 72 |
| IA | 100 | 99 | 45 | 75 |
| KS | 85 | 70 | 35 | 50 |
| KY | 57 | 45 | 43 | 40 |
| LA | 74 | 60 | 69 | 58 |
| MI | 95 | 75 | 80 | 80 |
| MN | 99 | 95 | 99 | 99 |
| MS | 89 | 73 | 33 | 37 |
| MO | 79 | 64 | 41 | 48 |
| NE | 100 | 97 | 64 | 83 |
| NC | 57 | 42 | 58 | 52 |
| OH | 99 | 92 | 92 | 70 |
| SC | 40 | 31 | 47 | 44 |
| SD | 95 | 79 | 41 | 74 |
| TN | 46 | 28 | 40 | 37 |
| 19 States | 88 | 78 | 61 | 68 |

These 19 States produced 95% of the 1993 soybean crop.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 0.05 to 2.77 in. north; 0.05 to 2.61 in. central; 0.81 to 8.53 in. south. Temperatures 2° below normal to 5° above normal statewide. Lows 47 to 65° north; 61 to 69° central; 61 to 67° south. Highs 87 to 93° north, south; 87 to 94° central.

Days suitable for fieldwork 6.1. Soil moisture 66% short, 34% adequate. Corn silked 15%, 6% 1993, 33% avg.; 11% poor, 47% fair, 42% good. Sorghum planted 67%, 55% 1993, 63% avg.; 8% poor, 35% fair, 57% good. Peanuts planted 96%, 95% 1993, 97% avg.; pegged 1%, 1% 1993, 4% avg.; 51% fair, 49% good. Wheat turning color 87%, 72% 1993, 92% avg.; harvested 21%, 8% 1993, 36% avg.; 38% fair, 53% good, 9% excellent. Hay first cutting 81%, 72% 1993, 67% avg. Pasture feed 20% poor, 50% fair, 30% good. Livestock 29% fair, 68% good, 3% excellent. Seasonal activities: Planting cotton, peanuts, sorghum, soybeans, vegetables.

ALASKA: Partly sunny skies, seasonal temperatures blanketed most of the State last week. Scattered showers were received in some areas of the State, however most agricultural areas were still short on soil moisture by weekend.

Days suitable for fieldwork 7. Crop growth 25% slow, 50% moderate, 25% rapid. Potato planting was virtually complete statewide. Barley, oat emergence averaged 95%, 90% respectively. Commercial potato emergence was just beginning. General crop conditions were rated mostly average to slightly below average for this time of year. Topsoil 60% short, 40% adequate. Subsoil 40% short, 60% adequate.

ARIZONA: Temperatures above normal; 2 to 8° above. Extremes 31°; 101° higher elevations; 52° to 112° deserts. Precipitation at a few stations; largest amount being 0.03 in.

Condition of the cotton crop continues mostly good, some acreage setting bolls; planted 100%, 100% 1993, 100% avg.; squaring 41%, 41% 1993, 43% avg. Weed infestations, insect, disease infestations light. Small grains heading 100%, 100% 1993, 100% avg.; turning color 100%, 100% 1993, 100% avg. Condition is good. Alfalfa condition also good. Harvest progress mostly active. Weed infestations, insect, disease infestations light. Citrus harvest continues to slow. Grapefruit, valencia oranges, central, western groves. Grape harvest continues western vineyards. Vegetables harvested from central areas included cabbage, carrots, green onions, mixed greens, potatoes. Honeydews available western area. cantaloupe, dry onions, watermelons, available both areas. Iceberg lettuce, tomatoes available eastern areas. Range, pasture feed varied; 76% normal, 2 points lower than last month. Higher elevation grazing good, lower elevation grazing drying out. Supplemental feeding necessary lower elevation rangeland. Stockwater, soil moisture supplies continued short to adequate. Below average to average amounts of feed supplies available. Very light insect damage.

ARKANSAS: Temperatures a few degrees above normal with scattered showers at beginning weekend. Extreme 53°; 94°. Precipitation none to 2.96 in.

Days suitable for fieldwork 6. Soil moisture 30% short, 66% adequate, 4% surplus. Crop development ahead of schedule. Flooding of rice fields continued. Some cotton replanted due to herbicide damage. Cotton 89% emerged, 84% 1993, 87% avg. Sunflower in good condition. Peaches, blueberries, tomatoes, mostly good. Some tomatoes treated for spotted wilt and late blight. Blueberry harvest ongoing. Hay harvest in full swing. Alfalfa 46% fair, 54% good. Other hay 26% fair, 74% good. Pasture, range feed 1% poor, 30% fair, 66% good, 3% excellent. Livestock good condition. External parasites on cattle remain a concern in several counties.

CALIFORNIA: High pressure kept temperatures above normal. Triple digit highs southeast deserts. Precipitation confined to Sierra, Cascades.

Field activities gained momentum most areas, clear skies, warmer temperatures. Scattered rain halted fieldwork few isolated areas. Wheat harvest underway central, southern counties. Barley harvest progressed; stubble burning, irrigation for second crop seedlings followed. Rice planting virtually complete. Emerged fields treated broadleaf weeds, shrimp, watergrass, water weevils. Cotton good growth, daytime temperatures increased. Irrigation, thinning, weeding, mite treatments ongoing. Some American Pima fields replanted upland cotton, poor germination. Grain corn, silage corn planted, sprayed weeds, cutworms. Dry beans planted, irrigated. Over-wintered sugarbeets harvested, treated mildew; new crop fields irrigated, cultivated. Seed alfalfa sprayed lygus, mites. Alfalfa, small grains, sudangrass cut hay, greenchopped. Picking, packing nectarines, plums, peaches, apricots, cherries, table grapes, strawberries, Valencia oranges, grapefruit, lemons, and avocados continued. Peaches, table grapes thinned.

Almond, walnut, prune orchards irrigated, sprayed to control various pests. Citrus growers treated scale, thrips. Harvest asparagus continued San Joaquin Valley. Broccoli harvest central coast slowed. Cauliflower harvested central coast. Cabbage harvested Fresno. Carrots packed Kern. Celery harvested south coast. Cucumbers harvested Fresno, Riverside Counties. Head lettuce San Benito shredded for salad mix. Romaine lettuce supply did not meet demand San Joaquin Valley. Leaf lettuce good movement. Melons planted San Joaquin Valley, harvest continued Coachella Valley. Onion harvest San Joaquin Valley underway, onions Tulare-Butte Valley, problems with disease, weather. Peppers harvested Riverside, planted central valley. Most fall potatoes planted Tulare-Butte Valley. Squash harvest, quality both increased Tulare. Harvest squash continued Riverside. Harvest sweet corn desert continued, while treatment earworms Fresno. Sweet potatoes planted Merced. Fresh market tomatoes planted San Joaquin Valley, harvested Coachella Valley. Processing tomatoes irrigated, treated mildew Fresno. Other crops harvested: radishes, string beans, turnips, taro root, oriental vegetables. Range and pasture conditions rated fair foothills, good upper areas. Warm, dry weather reduced quality feed, water supplies, lower ranges. Livestock moved lower ranges to higher ground. Scattered rains improved lower rangeland conditions little. Cattle, sheep, in good condition.

COLORADO: High pressure at the surface covered most of the State during the week. Cold front moved across the State on the 31st. A series of upper level disturbances moved across the State throughout the week, triggering afternoon, evening thunderstorms. Temperatures 2 to 8° above normal. Precipitation east was above normal this week with the Arkansas River Basin receiving most of the rainfall.

Days suitable for fieldwork 5.8. Soil moisture 6% very short, 30% short, 63% adequate, 1% surplus. Alfalfa first cutting 27% complete, 28% 1993, 27% avg. Spring barley emergence complete; 18% headed, 16% 1993, 19% avg; condition 1% very poor, 2% poor, 20% fair, 70% good, 7% excellent. Dry beans 37% planted, 35% 1993, 33% avg.; 12% emerged, 8% 1993, 6% avg. Oats 86% emerged, 94% 1993, 97% avg.; 2% headed, 10% 1993, 18% avg.; 1% poor, 41% fair, 55% good, 3% excellent. Dry onion 6% poor, 27% fair, 45% good, 22% excellent. Sugarbeets 22% thinned, 33% 1993, 37% avg.; 2% very poor, 8% poor, 27% fair, 61% good, 2% excellent. Corn 93% emerged, 91% 1993, 86% avg. Spring wheat 4% headed, 0% 1993, 12% avg.; 2% poor, 25% fair, 62% good, 11% excellent. Summer potatoes 96% emerged, 95% 1993, 81% avg.; 3% poor, 14% fair, 63% good, 20% excellent. Fall potatoes 30% emerged, 20% 1993, 18% avg. Storms were localized, no major damage reported. Rains brought much needed moisture to some areas; others very dry stressing wheat. Livestock good to excellent. Pasture, range feed condition good to excellent.

FLORIDA: Temperatures 1 to 2° normal. Highs; mid 80s to upper 90s. Lows; mid 60s to low 70s. Scattered to numerous showers, thunderstorms daily. Many areas reported 1.00 to 3.00 in. of rain, locally exceeding 5.00 in. Some west central locations reported less than 0.50 in. of rain.

Soil moisture mostly short Panhandle, north Peninsula, central Peninsula. Southern Peninsula adequate moisture. Winter wheat harvest virtually complete. Dry soil delaying soybean planting, completion of peanut, cotton planting. Some cotton planted in dry soil. Dryland crops drought stressed. Corn tasseling. Sugarcane making good progress. Hay cutting active. Rain most citrus areas. Irrigation stopped. Lots of new growth. New crop fruit progressing well with good sizes on early bloom crops. Valencias remaining to be picked in good condition. Valencia harvest slowing as supplies running low. Grapefruit movement almost over for this year. Caretakers cutting cover crops, spraying, fertilizing with limited hedging, topping. Vegetable crops in north production area in generally good condition. Season complete for most vegetable crops central, south production areas except for tomatoes, eggplant, pepper. Leading vegetable shipments: watermelons, potatoes, tomatoes, sweet corn, cucumbers. Also available: Snap beans, carrots, celery, eggplant, okra, peppers, radishes, squash, cherry tomatoes. Pasture feed 10% poor, 50% fair, 35% good, 5% excellent. Cattle herds fair to good.

GEORGIA: Temperatures 1 to 3° above normal. Highs low to middle 90s except upper 80s higher elevations. Lows lower 50s mountains, upper 60s south. Rain days varied none to five. Rain amounts variable. Some locations no rain, other local areas 1.00 to 2.00 in. Many areas 0.25 to 0.50 in.

Days suitable for fieldwork 6.2. Soil moisture 34% very short, 55% short, 11% adequate. Corn 58% silked, 5% 1993, 23% avg.; 16% dough, 0% 1993, 5% avg.; dryland corn further stressed. Cotton development far ahead normal. Sorghum 3% poor, 53% fair, 44% good; 79% planted, 68% 1993, 69% avg. Peanuts 24% fair, 76% good; 100% planted, 99% 1993,

98% avg.; 30% blooming, 15% 1993, 18% avg.; 3% pegging, 1% 1993, 2% avg. Soybeans 4% very poor, 8% poor, 49% fair, 39% good. Tobacco 5% poor, 53% fair, 42% good. Wheat harvest very rapid. Other small grains 3% poor, 18% fair, 67% good, 12% excellent. Watermelons 57% fair, 43% good. Other vegetables 7% poor, 35% fair, 58% good. Apples 10% very poor, 37% fair, 53% good. Peaches 2% very poor, 19% fair, 79% good; 52% harvested, 18% 1993, 29% avg. Hay, pastures fair to good, down some from last week. Haying active, weather favorable. Cattle fair to mostly good. Hogs good.

HAWAII: Warm, sunny weather prevailed throughout the State. All islands continued to receive light morning and evening showers, with mostly sunshine during the daytime. Trade winds continued mostly 10 to 25 mph. Temperatures mid 60s to mid 80s. Rainfall none to 2.80 in. Weather favorable for crop progress. Mostly dry, warm days necessitated increased irrigation. Regular spray programs kept insects, diseases under control. Sugar harvesting active all islands. Pineapple harvesting on the increase. Papaya production heavy.

IDAHO: Temperatures 4° below to 9° above normal. Most stations a few degrees above. Precipitation 0.03 to 1.12 in. north, 0.08 to 0.30 in. southwest, none to 0.35 in. south central, 0.17 to 0.93 in. east.

Days suitable for fieldwork 5. Weather hampering 1st cutting alfalfa. Soil moisture 21% short, 79% adequate. Potatoes planted 97%, 94% 1993, 95% avg. Potatoes emerged 62%, 40% 1993, 45% avg. Spring barley emerged 98%, 85% 1993, 93% avg. Oats planted 99%, 91% 1993, 98% avg.; emerged 95%, 79% 1993, 86% avg. Sugarbeets thinned 74%, 27% 1993, 52% avg. Field corn planted 97%, 94% 1993, 94% avg. Field corn emerged 90%, 68% 1993, 74% avg. Dry beans planted 74%, 53% 1993, 51% avg. Dry beans emerged 34%, 14% 1993, 18% avg. Alfalfa hay harvested (1st cutting) 25%, 15% 1993, 23% avg. Irrigation water supplies 2% very poor, 17% poor, 28% fair, 49% good, 4% excellent. Activities: Planting dry beans, hilling potatoes, irrigating, cutting alfalfa, weed, insect control.

ILLINOIS: Dry weather continued across much of State, particularly in the northeast, south parts of the State. High temperatures upper 70s to low 80s. Lows low 50s north to low 60s south. Precipitation varied none to 2.64 in. with areas far north, far south receiving little to none.

Days suitable for fieldwork 6.00. Soil moisture 45% short, 52% adequate, 3% surplus. Corn average height 7 in., 4 in. 1993, 9 in. avg. Average high most advanced 14 in., 9 in. 1993, 15 in. avg. Winter wheat filled 50%, 53% 1993, 67% avg. Turning yellow 5%, 2% 1993, 20% avg. Oats headed 37%, 13% 1993, 27% avg.; filled 11%, 1% 1993, 10% avg. Alfalfa hay first cutting 78%, 50% 1993, 57% avg. Red clover hay cut 68%, 51% 1993, 43% avg. Pasture feed 91% of normal. Oat 5% poor, 22% fair, 71% good, 2% excellent. Alfalfa 15% fair, 78% good, 7% excellent. Red clover 9% fair, 80% good, 11% excellent. Soybean planting made good progress last week as another good week for fieldwork developed. Spraying for cutworms and some replanting became more common across central, southern areas as the infestation became more widespread. Scattered reports of armyworms infesting wheat, some corn fields in the south, stalk borer infesting no till corn fields in the north were received. Farmers were also busy spraying herbicides, cultivating to control weeds due to poor pre-emergence control.

INDIANA: Temperatures about 1° below normal in northeast while southwest 1 to 2° above normal. Highs 79 to 84° while average lows were between low 50s to near 60°. Precipitation lacking with most of the central, south reporting no moisture for week. Small amounts of moisture were reported over the northern two-thirds of State. Southwest received around 1.00 in. of rain, southeast failed to receive any moisture.

Days suitable for fieldwork 7. Topsoil 78% short, 22% adequate. Subsoil 31% short, 69% adequate. Most farmers completed planting their field crops. First cutting of hay progressed well as the weather was perfect for drying hay. Spraying for insects, weeds. Pasture feed 87% of normal, 92% last week. Corn 95% emerged, 96% 1993, 90% avg.; 7 in. high, 5 in. 1993, 8 in. avg. Soybeans 78% emerged, 60% 1993, 58% avg. Alfalfa 1st cutting 77%, 69% 1993, 68% avg.

IOWA: Temperatures near normal south to 3° above normal northwest. Extremes 38° northeast, 3rd; 94° northwest 30th. Rainfall only trace amounts far northeast to 5.60 in. far southwest. State rainfall of 1.28 in. greatest weekly total recorded so far this year normal is 1.00 in.

Days suitable for fieldwork 5.1. Topsoil 37% short, 55% adequate, 8% surplus. Subsoil 7% short, 91% adequate, 2% surplus. Average height of corn 8 in. Tallest corn 13 in. Corn cultivated 21% 0% 1993, 16% avg. Soybeans emerged 95%, 10% 1993, 50% avg. Soybeans cultivated 4%, 0% 1993, 8% avg. Soybeans replanted 2%. Oats headed 24%, 0% 1993, 10% avg. Alfalfa hay 1st crop harvested 32%, 3% 1993, 21% avg. Clover hay 1st crop harvested 12%, 0% 1993, 7% avg. Winter wheat 14% fair, 67% good, 19% excellent. Pasture 4% poor, 37% fair, 54% good, 5% excellent. Oats 4% poor, 25% fair, 59% good, 12% excellent. Hay 1% very poor, 9% poor, 27% fair, 58% good, 5% excellent. Soybean

16% fair, 75% good, 9% excellent. The uneven distribution of rainfall this spring has caused uneven stands among row crops in most parts of the State. The dry weather this spring has reduced forage availability on pastures.

KANSAS: Across the State, temperatures 2 to 3° above normal. Precipitation was scattered across the State. Rainfall 0.04 in. the northwest district to 1.45 in. south central district. All districts averaged 0.50 in. except the northwest, west central, central districts.

Days suitable for fieldwork 5.5. Conditions across the State remain dry despite scattered rains last week. Surface soil moisture 73% short to very short, 27% adequate. Subsurface moisture 28% short to very short, 72% adequate. Warm, dry weather of recent weeks is speeding the maturity of wheat. Wheat in southern areas of the State is beginning to ripen. Over half the State's wheat acreage is turning color. Favorable weather allowed good planting progress. Corn planting is complete. Sorghum and soybean planting made good progress. Statewide 95% of the alfalfa has been cut the first time compared to 70% 1993, 75% avg. Pastures are in good condition in all districts except the south central, southwest where they are fair.

KENTUCKY: Temperatures 71°. High 83°, 2° above 30-year normal; low 59°, 1° above normal. Statewide, precipitation 0.18 in. Most precipitation over western, central areas, rainfall 0.90 in. below normal.

Days suitable fieldwork 5.5. Soil moisture 13% very short, 55% short, 31% adequate, 11% surplus. Warm, dry conditions. Tobacco setting active. Burley 72% set, 61% 1993, 68% avg. Burley fair to mostly good. Dark tobacco 72% set, 65% 1993, 66% avg. Corn planting nearly complete. All crops need moisture. Fifty percent of soybeans planted. Soybeans fair to mostly good. Hay crop fair to mostly good. Hay baling active. Minimal insect problems. Barley harvest underway.

LOUISIANA: Temperatures 2.1° below to 1.2° above normal. Extremes 57°, 95°. Rainfall 0.81 in. north central to 2.57 in. southwest.

Days suitable for fieldwork 2.8. Soil moisture 47% adequate, 53% surplus. Corn 28% fair, 56% good, 16% excellent; 47% silked, 15% 1993, 34% avg.; 5% dough stage, 0% 1993, 3% avg. Corn quickly moved toward ear formation. Crop outlook was highly favorable. Cotton 100% emerged, 97% 1993, 91% avg. Began to square in some fields. Growth was accelerated by recent fertilization. Hay 64% first cutting, 66% 1993, 51% avg. Peaches 70% fair, 30% good; 17% harvested, 8% 1993, 11% avg. Progressed smoothly. Rice 99% planted, 97% 1993, 96% avg.; 1% headed, 2% 1993, 0% avg. Planting neared completion in the northern parishes. Sorghum 3% poor, 61% fair, 32% good, 4% excellent; 91% emerged, 82% 1993, 81% avg. Growth was excellent with onset of warm weather. Soybeans 69% emerged, 56% 1993, 48% avg. Rains hampered planting progress. Spring plowing 100% plowed, 97% 1993, 94% avg. Sweetpotatoes 39% planted, 42% 1993, 42% avg. Planting progressed well. Sugarcane 23% fair, 77% good. Wheat 2% poor, 46% fair, 52% good; 72% harvested, 44% 1993, 60% avg. Livestock 32% fair, 66% good, 2% excellent. Pasture 1% poor, 4% fair, 93% good, 2% excellent. Vegetables 18% fair, 74% good, 8% excellent. Commercial harvest of tomatoes, bell peppers, others were active.

MARYLAND & DELAWARE: **MARYLAND:** Precipitation none, normal 0.86 in. Temperature 65.6°, normal 66.2°. Extremes 30°, 92°.

Days suitable for fieldwork 6.8. Topsoil 26% very short, 70% short, 4% adequate. Subsoil 40% short, 60% adequate. Pasture good. Small grain fair to good. Winter wheat 35% turned, 11% 1993, 28% avg. Barley 75% turned, 77% 1993, 76% avg. Rye 32% turned, 17% 1993, 39% avg. Corn for grain 97% planted, 95% 1993, 95% avg. Soybeans 52% planted, 39% 1993, 44% avg. Sorghum 73% planted, 30% 1993, 30% avg. Tobacco 53% transplanted, 41% 1993, 56% avg. Sweet corn 87% planted, 83% 1993, 79% avg. Melon planting nearing completion; tomato, cucumber, lima and snap bean planting active. Other hay 65% first cut, 63% 1993, 52% avg. Alfalfa hay 91% first cut, 85% 1993, 74% avg. Excellent haymaking weather. Barley harvest beginning; cutting rye for silage. Strawberry harvest active, green pea harvest active.

DELAWARE: Precipitation 0.05 in., normal 0.83 in. Temperature 65.2°, normal 67.3°. Extremes 87°, 41°.

Days suitable for fieldwork 6.9. Topsoil 43% short, 57% adequate. Subsoil 17% short, 83% adequate. Pasture excellent. Small grain mostly fair to good. Wheat beginning to turn. Barley 55% turned, 75% 1993, 87% avg. Rye 2% turned, 33% 1993, 33% avg. Corn for grain planting virtually complete. Soybeans 45% planted, 49% 1993, 43% avg. Sorghum 49% planted, 37% 1993, 38% avg. Sweet corn 89% planted, 94% 1993, 87% avg. Melon, vegetable planting active, other hay 92% first cut, 87% 1993, 71% avg. Alfalfa hay 87% first cut, 75% 1993, 75% avg. Strawberry harvest active, green pea harvest increasing.

MICHIGAN: Extremes 27°, 89°. Precipitation none to 1.16 in. across the State.

Days suitable for fieldwork 6.5. Soil moisture 85% short, 15% adequate. Corn 85% emerged, 60% 1993, 80% avg. Oats 1% very poor, 4% poor,

35% fair, 50% good, 10% excellent. Potatoes 90% planted, 90% 1993, 90% avg. Soybeans 60% emerged, 35% 1993, 50% avg. Hay 25% first cutting, 10% 1993, 15% avg.; 5% very poor, 15% poor, 25% fair, 40% good, 15% excellent. Pasture feed 75% of normal. Major activities: Spraying, pruning, spreading fertilizer, planting.

MINNESOTA: Temperatures 1 to 4° above normal. Extremes 33°; 96°. Precipitation 0.40 in. below normal northwest, 0.80 in. above normal southern part of the State. Greatest weekly total was 5.47 in.

Days suitable for fieldwork 6.5. Topsoil 5% very short, 45% short, 50% adequate. Corn 97% emerged, 57% 1993, 79% avg.; 29% cultivated once, 4% 1993, 18% avg.; 6 in. average unextended height, 1 in. 1993, 4 in. avg.; soybeans 84% emerged, 21% 1993, 50% avg.; 10% cultivated once, 2% 1993, 6% avg.; 2 in. average unextended height, 1 in. 1993, 1 in. avg.; spring wheat 25% jointing, 27% 1993, 36% avg.; oats 40% jointing, 23% 1993, 33% avg.; barley 28% jointing, 27% 1993, 30% avg.; sweet corn 96% planted, 61% 1993, 72% avg.; dry beans 97% planted, 85% 1993, 91% avg.; flax 98% planted, 99% 1993, 91% avg.; sunflowers 97% planted, 96% 1993, 93% avg.; alfalfa 39% cut, 8% 1993, 15% avg.; corn 2% very poor, 0% poor, 16% fair, 68% good, 14% excellent. Spring wheat 1% very poor, 3% poor, 17% fair, 73% good, 6% excellent. Barley 6% poor, 13% fair, 73% good, 8% excellent. Oats 3% very poor, 18% fair, 72% good, 7% excellent. Soybeans 1% very poor, 16% fair, 74% good, 9% excellent.

MISSISSIPPI: Temperatures 1.1° above normal. Extremes 46°; 94°. Soil temperature 81°. Rainfall 1.13 in., 0.14 in. above normal. Various districts received much needed rain. The southwest district received the greatest precipitation with over 2.00 in.

Days suitable for fieldwork 5.5. Soil moisture 54% short, 43% adequate, 3% surplus. Corn 100% planted, 94% 1993, 92% avg.; 100% emerged, 84% 1993, 88% avg.; 5% silked, 3% 1993, 10% avg.; 1% poor, 11% fair, 78% good, 10% excellent. Cotton 100% planted, 96% 1993, 94% avg.; 100% emerged, 85% 1993, 87% avg.; 38% squared, 4% 1993, 9% avg.; 4% poor, 8% fair, 64% good, 24% excellent. Rice 100% planted, 78% 1993, 85% avg.; 100% emerged, 61% 1993, 74% avg.; 2% fair, 74% good, 24% excellent. Sorghum 88% planted, 80% 1993, 83% avg.; 84% emerged, 70% 1993, 77% avg.; 32% fair, 50% good, 18% excellent. Soybeans 89% planted, 33% 1993, 37% avg.; 84% emerged, 20% 1993, 26% avg.; 7% fair, 69% good, 24% excellent. Wheat 90% mature, 66% 1993, 80% avg.; 24% harvested, 4% 1993, 17% avg.; 1% poor, 16% fair, 39% good, 44% excellent. Hay 41% harvested, 37% 1993, 30% avg. Peaches 18% harvested, 10% 1993, 18% avg. Peanuts 97% planted, 70% 1993, 73% avg. Sweet potatoes 30% planted, 57% 1993, 62% avg.; 93% fair, 7% good. Watermelons 95% planted, 94% 1993, 94% avg.; 62% fair, 38% good. Livestock 6% poor, 13% fair, 72% good, 9% excellent. Pasture 76% of normal. Activities: Cultivation, wheat, hay harvest, insect control, weed control.

MISSOURI: Temperatures about normal, 2° below normal northeast to 5° above normal southwest. Average rainfall 1.22 in., ranging from 0.86 in. east central, southwest to 2.16 in. northwest.

Days suitable for fieldwork 4.9. Topsoil 40% short, 54% adequate, 6% surplus. Wheat turning color 30%, 19% 1993, 47% avg. Alfalfa hay cut 70%, 45% 1993, 51% avg. Other hay cut 40%, 26% 1993, 25% avg. Pastures 5% poor, 34% fair, 59% good, 2% excellent.

MONTANA: Near normal temperatures, precipitation across the State.

Days suitable for fieldwork 5.0. Topsoil 20% short, 77% adequate, 3% surplus. Subsoil 22% short, 74% adequate, 4% surplus. Barley 100% planted, 97% 1993, 96% avg.; 91% emerged, 83% 1993, 80% avg.; 1% poor, 17% fair, 57% good, 25% excellent. Oats 100% planted, 96% 1993, 95% avg.; 90% emerged, 78% 1993, 74% avg.; 2% poor, 16% fair, 66% good, 16% excellent. Corn 98% planted, 95% 1993, 87% avg.; 81% emerged, 36% 1993, NA avg. Dry beans 98% planted, 95% 1993, 78% avg.; 70% emerged, 30% 1993, NA avg. Potatoes 93% planted, 75% 1993, 74% avg.; 21% emerged, 12% 1993, NA avg. Sugarbeets 3% very poor, 2% poor, 14% fair, 71% good, 10% excellent. Cattle, calves moved to summer pastures, 80%; sheep, lambs, 78%. Pasture, range feed condition 97% of normal.

NEBRASKA: Temperatures 1 to 6° above normal. Precipitation varied from 0.10 in. southwest to 3.40 in. east central.

Days suitable for fieldwork 5.1. Topsoil 63% short, 35% adequate, 2% surplus. Subsoil 20% short, 80% adequate. Winter wheat 3% very poor, 16% poor, 52% fair, 27% good, 2% excellent; 9% turning color, 1% 1993, 6% avg. Corn 18% fair, 78% good, 4% excellent; 100% emerged, 79% 1993, 92% avg. Soybeans 18% fair, 78% good, 4% excellent; 89% emerged, 31% 1993, 55% avg. Sorghum 17% fair, 81% good, 2% excellent; 95% planted, 62% 1993, 79% avg.; 76% emerged, 27% 1993, 51% avg. Alfalfa 3% poor, 41% fair, 55% good, 1% excellent; 58% first cutting harvested, 27% 1993, 36% avg. Wild hay 8% poor, 39% fair, 53% good. Dry beans 57% planted, 35% 1993; 20% emerged, 7% 1993. Pasture, range feed condition 91% of normal.

NEVADA: Period began with high winds, widespread thunderstorms southern areas. Eastern areas had some significant precipitation, hail. Rest of period calm by comparison. Temperatures 3 to 5° above normal across State. Extremes 29°; 112°.

Irrigation water supplies 35% short, 65% adequate. Small grains, potatoes, alfalfa hay generally good condition. First cutting alfalfa hay completed many areas. Range, pasture condition 103% of normal. Stock-water supplies 5% short, 95% adequate. About 95% of cattle, 80% sheep moved to summer ranges.

NEW ENGLAND: Precipitation none to 1.34 in. regionwide. Temperatures 56 to 65° north; 59 to 66° south. Maximum temperatures 76 to 90° north; 78 to 85° south. Minimum temperatures 31 to 46° north; 32 to 56° south.

Maine potatoes 80% planted, 80% 1993, 90% avg.; 5% emerged, 10% 1993, 20% avg.; condition good. Oats 85% planted, 85% 1993, 90% avg.; 65% emerged; good. Field corn 80% planted, 80% 1993, 80% avg.; 40% emerged; good to fair. First crop hay 20% harvested, 20% 1993, 20% avg. Sweet corn 75% planted, 70% 1993, 75% avg.; 50% emerged; good. Apples, pears average fruit set. Cranberries average fruit set. Peaches light fruit set. Major farm activities: Planting field crops. Planting warmer season crops: Tomatoes, peppers, melons. Applying petal fall sprays to orchards. Harvesting early crops: Rhubarb, asparagus, radish, lettuce. Applying herbicides, fertilizers.

NEW JERSEY: Temperatures near normal. Extremes 41°; 88°. Rainfall none north, 0.10 in. central, none south. Heaviest 24-hour total 0.38 in. on 5th, 6th. Estimated soil moisture, in percent field capacity, averaged 68% north, 68% central, 59% south. Four-inch soil temperatures 64° north, 65° central, 68° south.

Days suitable for fieldwork 6. Topsoil below adequate throughout the State. Apples, peaches, blueberries are sizing well. Some thinning of peaches occurring. Planting of spring vegetables including spring cabbage, snap beans, potatoes, field corn, soybeans. Harvesting of greens, asparagus, beets, cabbage, parsley, spinach, radishes. Harvest of strawberries is on the rise. Good supply of endive, escarole, lettuce (except for iceberg) available. Weather has been excellent for grain hay cutting. Wheat, barley, rye are heading up. Pasture feed good condition.

NEW MEXICO: It was a warm week. Temperatures nearly 6° above normal for the State. Extremes 35° Gallup, Quemado Lake; 104° Carlsbad. Typical for May: much of the precipitation for the week was confined to the eastern half of the State. Highest totals included 1.92 in. at Las Vegas, 0.60 in. Clovis.

Days suitable for fieldwork 6.1. Soil moisture 44% short, 53% adequate, 3% surplus. Hail damage reported was light to severe, with severe damage reported on the east side of the State affecting cotton, chile, corn, alfalfa, vegetables. Cropland conditions: Alfalfa 6% poor, 26% fair, 59% good, 9% excellent. Irrigated wheat 9% poor, 39% fair, 48% good, 4% excellent. Dryland wheat 14% very poor, 36% poor, 50% fair. Chile 7% poor, 7% fair, 79% good, 7% excellent. Lettuce harvest was completed with crop in fair to good condition. Corn 26% fair, 70% good, 4% excellent. Sorghum planting was 45% complete with crop reported as 19% poor, 29% fair, 52% good. Cattle, sheep remained in poor to excellent condition. Range feed condition improved slightly to 67% of normal with much needed moisture.

NEW YORK: Week began warm, dry. Series of cold fronts at mid week brought showers, unseasonably cool weather. Isolated frost morning of 2nd. End of week was dry, return to seasonal temperatures. Extremes 35°; 87°. Majority of locations received between 0.50 in. to 0.75 in. of rain.

Days suitable for fieldwork 5.0. Soil moisture short in southeast, mostly adequate elsewhere. Pasture feed 91% of normal. Hay, wheat in good to excellent condition. Corn 77% planted, 87% 1993, 77% avg. Alfalfa first cutting 10% finished, 12% 1993, 16% avg. Cool weather slowed fruit development. Tree fruits fair to good condition. Suffolk County strawberry harvest delayed by coolness. Orange County onions in good condition. Moisture needed. Vegetable planting in high gear across State.

NORTH CAROLINA: Mean temperatures 69° at Asheville to 76° at Charlotte. Rainfall 2.36 in. at Cape Hatteras to no precipitation at several locations.

Days suitable for fieldwork 6.4. Soil moisture 31% very short, 52% short, 17% adequate. Crop conditions: Wheat 22% fair, 75% good, 3% excellent; pasture 27% poor, 57% fair, 16% good; field tobacco 29% fair, 68% good, 3% excellent; corn 2% very poor, 7% poor, 41% fair, 48% good, 2% excellent; cotton 17% poor, 43% fair, 40% good; peanuts 44% fair, 56% good; soybeans 2% poor, 48% fair, 55% good; hay 19% poor, 53% fair, 28% good; irish potatoes 34% fair, 63% good, 3% excellent; sweet potatoes 43% fair, 57% good; apples 18% fair, 82% good; peaches 15% fair, 85% good; truck crops 4% poor, 55% fair, 41% good; hay, roughage supplies 2% very short, 26% short, 69% adequate, 3% surplus; sorghum planted 71%, 70% 1993, 57% avg.; soybeans planted 57%, 58% 1993, 52% avg.; burley tobacco transplanted 65%, 57% 1993, 64% avg.; sweet

potatoes 70%, 64% 1993, 65% avg.; wheat harvested 15%, 3% 1993, 12% avg.; oats planted 16%, 12% 1993, 14% avg.; barley 15%, 10% 1993, 13% avg. rye 17%, 10% 1993, 16% avg.; first cutting of hay is 85% complete with the second cutting 12% complete. Activities included: Cultivating tobacco, planting corn, soybeans; cutting hay, preparing land for planting. Other activities included: Planting burley tobacco, cultivating tobacco, planting peanuts, cotton, truck crops; tending livestock; equipment repair, general farm maintenance.

NORTH DAKOTA: Western third of the State was the wettest last week. Precipitation 0.04 in. southeast to 0.59 in. northwest. Temperatures 0 to 3° above normal. Extremes 34° west central, southwest; 91° south central.

Days suitable for fieldwork 6.3. Topsoil 3% very short, 29% short, 66% adequate, 2% surplus. Subsoil 11% short, 85% adequate, 4% surplus. Emerged crop condition was mostly good, development of small grains behind average. Hard red spring wheat 1% poor, 15% fair, 74% good, 10% excellent; durum wheat 2%, 11%, 71%, 16%; barley 1%, 12%, 76%, 11%; oats 1%, 25%, 65%, 9%; winter wheat 0%, 17%, 78%, 5%; corn 1%, 19%, 78%, 2%; soybeans 1%, 23%, 73%, 3%; sugarbeets 10%, 14%, 73%, 3%; flaxseed 1%, 20%, 73%, 6%; dry bean 1% 12% 81% 6%; sunflower 2%, 22%, 71% 5%; potatoes 21%, 23%, 55% 1%. Hard red spring wheat 82% emerged thru stooling, 11% jointing and beyond; 82%, 15% 1993; 76%, 20% avg.; durum wheat 85% emerged thru stooling, 5% jointing and beyond; 83%, 10% 1993; 82%, 11% avg.; barley 81% emerged thru stooling, 14% jointing and beyond; 83%, 16% 1993; 75%, 22% avg.; oats 84% emerged thru stooling, 7% jointing and beyond; 76%, 21% 1993; 75%, 20% avg. Corn 98% planted, 77% emerged, 97%, 77% 1993, 96%, 78% avg.; flax 95% planted, 66% emerged, 95%, 70% 1993, 92%, 65% avg.; potatoes 100% planted, 50% emerged, 100%, 37% 1993, 99%, 44% avg.; soybeans 99% planted, 71% emerged, 97%, 63% 1993, 96%, 67% avg.; dry beans 95% planted, 61% emerged, 93%, 48% 1993, 92%, 57% avg.; sunflower 90% planted, 53% emerged, 84%, 37% 1993, 84%, 44% avg. Sugarbeets 100% emerged, 100% 1993, NA avg. Height of emerged late season crops: corn, potatoes 4 in.; soybeans, sugarbeets 3 in.; flax, dry beans, sunflower 2 in. Spraying of broadleaf weeds was 35% complete, wild oats 52%. Roughage requirements furnished by pastures 97%; pastures 92% of normal. Stockwater supplies 3% short, 89% adequate, 8% surplus.

OHIO: A dome of high pressure dominated the central part of the nation, with the State influenced not only by this feature, but also low pressure which pushed through the eastern Great Lakes. Temperatures about 1° below normal northeast with departures rising to 1 to 2° above normal towards the southwest. Mean readings 60 to 70° with mean highs of 74 to 82°. Average lows ranged from the upper 40s to upper 50s. Late in the period mercuries were above normal with highs poking well into the 80s on the 5th. Precipitation was lacking, with most central, southern areas reporting no moisture for the week. Rainfall 0.25 in. or less over the northwest, into central sections. Northeastern areas the wettest region with rainfall totals of 0.30 to slightly more than 0.40 in. Such amounts were still below normal with departures from normal varying from 0.50 in. northeast to near 1.00 in. south.

Days suitable for fieldwork 6.8. Soil moisture 61% short, 39% adequate. Winter headed 88%, 75% 1993, 73% avg. Soybeans planted 99%, 92% 1993, 70% avg.; emerged 82%. Strawberries harvested 12%, 11% 1993, 21% avg. Hay condition mostly good.

OKLAHOMA: Temperatures 1° above normal southeast to 7° above normal northeast. Precipitation none southwest to 1.60 in. northeast.

Days suitable for fieldwork 5.7 Topsoil 20% short, 78% adequate, 2% surplus. Subsoil 21% short, 79% adequate. Oats 64% soft dough, 44% 1993, 66% avg.; 2% harvested, 4% 1993, 5% avg. Barley 65% soft dough, 35% 1993, 57% avg.; 7% harvested, 6% 1993, 4% avg. Corn 10% fair, 84% good, 6% excellent; 99% up to stand, 97% 1993, 92% avg.; 3% tasseling, 10% 1993, 8% avg. Soybeans 92% planted, 27% 1993, 38% avg.; 68% up to stand, 18% 1993, 19% avg. Peanuts 69% planted, 70% 1993, 54% avg.; 51% up to stand, 38% 1993, 34% avg. Pasture 95% normal. Feeder, calves \$1.00 to \$3.00 higher.

OREGON: Temperatures 3° above normal to 3° below normal. Precipitation central coastal areas 1.50 in., northern coast 1.20 in., western interior 0.10 to 0.40 in., eastern areas 0.15 to 0.80 in.

Soil moisture 28% short, 72% adequate. Winter wheat 1% very poor, 11% poor, 34% fair, 40% good, 14% excellent; 89% headed. Barley 95% planted. Eastern areas alfalfa hay harvest underway, some pesticide applications underway for Russian Wheat Aphids. Western areas: Grass seed crops headed 2 to 4 weeks ahead of normal, rains delayed/damaged hay harvest. Eastern potatoes mostly planted, exception in central portions. Klamath Basin potato emergence underway. Dry bean planting underway, Malheur County. Willamette Valley: Vegetable planting continued, strawberry harvest continued, Marionberries, raspberries setting good crop. Cherry harvest underway, Milton-Freewater district heavy splitting reported. The Dalles district

sweet cherry harvest delayed, possible splitting damage. Willamette Valley cherries good fruit set, little or no splitting reported. Pear, apple districts continued normal spray schedules. Stevens cranberries 50% bloom stage, McFarlin cranberries hook to early bloom stage; southern coast. Livestock good to excellent. Range, pasture 89% of normal. Cattle movement from California winding down. Recent rains improved pasture conditions.

PENNSYLVANIA: Above normal temperatures, below normal precipitation. Excellent haying weather! Temperature 68°, 6° above normal. Extremes 30°; 89°. Precipitation 0.22 in., 0.61 in. below normal.

Days suitable for fieldwork 6. Soil moisture 51% short, 48% adequate, 1% surplus. Corn 87% planted, 87% 1993, 80% avg. Corn height 4 in., 3 in. 1993, 2 in. avg.; 9% poor, 23% fair, 58% good, 10% excellent. Tobacco 24% transplanted, 28% 1993, 20% avg. Soybeans 71% planted, 67% 1993, 52% avg.; 1% poor, 25% fair, 54% good, 20% excellent. Barley 97% boot, 93% 1993; 88% heading or headed, 82% 1993; 14% turning yellow, 18% 1993. Wheat 90% boot, 88% 1993; 60% heading or headed, 64% 1993; 1% turning yellow, 2% 1993; 2% poor, 20% fair, 61% good, 17% excellent. Oats 2% poor, 20% fair, 62% good, 16% excellent. Alfalfa first cutting 48% complete, 43% 1993. Quality of hay made 7% fair, 93% good. First cutting timothy clover 20% complete, 21% 1993. Feed from pastures good to excellent. Apple 23% below avg., 7% above avg. Activities: Planting corn, soybeans; transplanting tobacco; making hay; spraying pesticides; hauling manure; caring for livestock.

PUERTO RICO: Rainfall 0.52 in. was 0.93 in. below normal. Highest total rainfall 3.28 in. at Jayuya, 3.10 in. at Maricao, 2.00 in. at Adjuntas Aes. Island temperatures 80 to 81° on the coasts, 74 to 76° interior with mean station temperatures 83.6° Roosevelt Roads to 66.1° Pico del Este. Extremes 58°; 95°.

SOUTH CAROLINA: Temperatures 2 to 4° above normal statewide. Average rainfall 1.00 in.

Days suitable for fieldwork 6.1. Soil moisture 39% very short, 34% short, 27% adequate. Tobacco fair to good; corn fair; 11% silked, 2% 1993, 6% avg. Cotton fair; 2% squaring, 0% 1993, 3% avg. Cantaloupes fair to good. Watermelons fair to good. Cucumbers fair to good; 38% harvested, 21% 1993, 15% avg. Snapbeans fair to good; 89% planted, 87% 1993, 84% avg. Tomatoes fair to good. Oats fair to good; 93% turning color, 94% 1993, 95% avg.; 60% harvested, 15% 1993, 25% avg. Rye fair to good; 44% harvested, 5% 1993, 20% avg. Wheat fair to good; 44% harvested, 5% 1993, 25% avg. Peanuts fair to good; 95% planted, 93% 1993, 96% avg. Sorghum fair; 45% planted, 59% 1993, 47% avg. Pasture condition fair.

SOUTH DAKOTA: Temperatures at or slightly above normal. Extremes 35°; 92°. Precipitation spotty, scattered locations in east over 2.00 in.

Days suitable for fieldwork 6.2. Topsoil 11% very short, 57% short, 31% adequate, 1% surplus. Subsoil 5% very short, 26% short, 61% adequate, 8% surplus. Winter wheat 90% boot, 69% 1993, 82% avg. Winter rye 33% fair, 58% good, 9% excellent; 87% boot, 70% 1993, 80% avg.; 64% headed, 35% 1993, 56% avg. Spring wheat 28% boot, 9% 1993, 30% avg. Barley 1% poor, 26% fair, 65% good, 8% excellent; 21% boot, 8% 1993, 28% avg. Oats 1% very poor, 1% poor, 25% fair, 64% good, 9% excellent; 27% boot, 8% 1993, 32% avg. Flax 38% fair, 62% good; 76% planted, 80% 1993, 84% avg.; 63% emerged, 74% 1993, 72% avg. Sunflower 78% planted, 51% 1993, 47% avg. Corn 99% planted, 77% 1993, 91% avg.; avg. height 5 in., 2 in. 1993, 4 in. avg. Alfalfa 24% 1st cutting, 5% 1993, 9% avg.; weevil damage heavy in northwest, west central. Livestock 3% fair, 79% good, 18% excellent. Feed supply 9% short, 84% adequate, 7% surplus. Pastures 91% of normal, 94% cattle moved to pastures. Water supply 1% short, 85% adequate, 14% surplus. Producers expressed concern that dry weather beginning to effect small grains, pastures.

TENNESSEE: Temperatures were above normal over the entire State with the exception of the Plateau where temperatures were slightly below normal. Both Crossville, Bristol recorded 53° on 31st for the coolest reading statewide. Warmest temperature was reported at Memphis, where the mercury hit 93° on 2nd. Rainfall was below normal over much of the State except for parts of the west, most of middle of State. Bristol did not record any rainfall, while parts of Nashville received over 2.00 in.

Days suitable for fieldwork 5.5. Soil moisture 2% very short, 29% short, 64% adequate, 5% surplus. Corn 98% planted, 99% 1993, 93% avg.; 17% fair, 76% good, 7% excellent. Cotton 1% squaring, 0% 1993, 0% avg.; 4% poor, 72% fair, 24% good. Sorghum 80% planted, 83% 1993, 71% avg. Soybeans 46% planted, 40% 1993, 37% avg. Tobacco 81% transplanted, 77% 1993, 75% avg.; 28% fair, 70% good, 2% excellent. Wheat 87% turning color, 73% 1993, 79% avg.; 9% ripe, 3% 1993, 17% avg.; 26% fair, 73% good, 1% excellent. Alfalfa 98% first cut, 94% 1993, 88% avg.; 20% fair, 80% good. Pasture, 2% poor, 16% fair, 78% good, 4% excellent. Cattle, 1% poor, 7% fair, 88% good, 4% excellent. Corn planting has finished in the western part of the State, with the east only a week behind. Cotton is just now beginning to square on schedule. Early planted burley

tobacco is beginning to show good growth. First cutting of alfalfa was wrapped-up at a pace ten days ahead of the five year average.

TEXAS: Warm, mostly dry conditions persisted over much of the State. Quite dry 30th, 31st, but an upper level low pressure system developed along the Coast. System provided abundant rainfall for Coastal Bend, upper Coastal regions. Heaviest rainfall amounts were experienced over upper coast. Palacios received over 6.00 in. Beaumont received 2.47 in., only three other locations statewide received over an inch. Those stations were Houston, Lake Livingston, Muleshoe. There were many locations that did not receive any rainfall last week. Rainfall was below normal for every area except the Upper Coast. Departures below normal -0.08 in. south central to -0.89 in. north central Texas. Upper Coast was 1.18 in. above normal. Mean temperatures were above normal for all areas. Above normal departures +1° in Upper Coast to 5° in High Plains, Edwards Plateau.

Crops: Corn continued to make excellent progress under hot temperatures. In High Plains, some replanting occurred due to wind and hail damage from previous week's storms. Corn condition was 89% normal, 83% 1993; 37% silked, 28% 1993; 9% doughed, 9% 1993. Cotton planting, cultivation activities extended from Plains to Edwards Plateau. Most fields were coming up to stands, showed good signs of growth, however, in isolated areas producers were replanting stands lost to recent storms. Cotton 88% normal, 73% 1993; 6% setting bolls, 3% 1993. Peanuts early planted fields in Cross Timbers were emerging, while land preparation, planting activities increased. Pre-watering activities continued in South Texas, planting activities increased. Peanuts 34% planted, 42% 1993. Rice along Upper Coast, rain halted some rice field activities, fertilizing, disease control spraying continued in many fields. Rice continued to make good progress. Rice 96% normal, 83% 1993. Sorghum planting continued in full swing in Plains, with planting of irrigated fields winding down. Sorghum fields in Blacklands continued to make excellent progress. Sorghum 85% normal, 81% 1993; 38% headed, 30% 1993; 11% turning color, 7% 1993; 1% mature, 0% 1993. Soybeans dry weather conditions allowed planting activities to increase. Fields in Upper Coast continued to make good progress, while fields in Blacklands continued to set blooms. Soybeans 53% planted, 74% 1993. Small grains: Wheat fields began to turn color in High Plains, while harvest activities progressed across the rest of state. Oat harvest also continued. Wheat 53% normal, 78% 1993. Oats 27% harvested, 27% 1993. Sunflowers 67% planted, 64% 1993.

Commercial Vegetables: Rio Grande Valley melon harvest continued. High weevil pressure on peppers was reported. In citrus orchards, spraying for citrus mites continued as did irrigation in areas needing water. San Antonio-Winter Garden cabbage, cucumber harvest continued. Onion harvest slowed in some areas due to low price, little demand. Watermelons made good progress. Trans-Pecos onion harvest remained active. East Texas sweet potato planting was delayed due to wet conditions, while some blueberries were damaged by high winds, hail. Cucumber, squash, onion harvest remained in full swing as conditions allowed. High Plains some vegetables were affected by insect, hail damage. Peaches harvest remained active in Edwards Plateau, Blacklands, East Texas. Fruit continued to mature in Cross Timbers, as fungicides, insecticides were applied. Brown rot pressure was high, some fruit was whipped from trees by high winds in parts of East Texas. Pecans made good progress in Cross Timbers as casebearer activity remained light. Some nuts in South Central Texas were falling due to casebearers, while others made excellent progress. Most trees in Trans-Pecos recovered from high winds, hail from a week ago, fruit showed good signs of development. Casebearer spraying continued.

Range and Livestock: Most pastures remained in good condition, some were beginning to stress for need of moisture. Hay cutting, baling activities continued. Fertilization activities, weed spraying occurred in some areas. Livestock remained in fair to good condition, flies, ticks continued to be a problem.

UTAH: Temperature maximums 6° above normal, minimums 4° above normal. Precipitation light to moderate across the entire State.

Days suitable for fieldwork 6.6. Soil moisture 71% short, 29% adequate. Spring wheat: jointed 79%, 62% 1993, 69% avg.; heading or better 41%. Barley jointed 83%, 76% 1993; heading or better 45%. Oats jointed 53%, 43% 1993, 56% avg.; heading or better 28%. Winter wheat heading or better 65%, 40% 1993, 52% avg. Corn emerged 95%, 82% 1993. Corn height 6 in., 5 in. 1993, 6.1 in. avg. Alfalfa hay 1st cutting 50% completed, 30% 1993, 37% avg. Other hay cutting 31% completed, 10% 1993. Potatoes planted 90%. Dry beans planted 12%. Cattle moved to summer range 74%, 80% 1993. Sheep moved to summer range 70%, 74% 1993, 72% avg. Pasture, range conditions good to excellent. Major farm activities were planting crops, harvesting alfalfa, spraying spring grains, alfalfa (weevil), irrigating, moving cattle, sheep. Reports on apples, peaches, apricots were good to excellent.

VIRGINIA: Temperatures fluctuated below normal to above normal. Extremes 29°, 92°. Mostly no precipitation recorded.

Days suitable for fieldwork 6.4. Topsoil 15% very short, 76% short, 9% adequate. Pasture 3% very poor, 13% poor, 59% fair, 25% good. Alfalfa hay 3% very poor, 17% poor, 50% fair, 30% good. Other hay 4% very poor, 13% poor, 65% fair, 18% good. Peaches 27% very poor, 12% poor, 50% fair, 11% good. Apple 5% fair, 90% good, 5% excellent. Flue tobacco 23% poor, 71% fair, 6% good. Fire tobacco 95% fair, 5% good. Potato 10% fair, 90% good. Corn 97% planted, 96% 1993, 95% avg.; 6% poor, 71% fair, 23% good. Soybeans planted 47%, 40% 1993, 46% avg. Flue tobacco transplanted 100%, 96% 1993, 99% avg. Fire tobacco transplanted 95%, 91% 1993, 90% avg. Burley tobacco transplanted 61%, 46% 1993, 65% avg. Sun tobacco transplanted 94%, 86% 1993, 95% avg. Wheat 5% harvested, 0% 1993, 6% avg. Oats 12% harvested, 2% 1993, 6% avg. Barley 13% harvested, 4% 1993, 15% avg. Cultivating tobacco, cotton, harvesting hay, irrigating potatoes, vegetables, staking tomatoes, thinning fruit, spraying fruit trees.

WASHINGTON: Temperatures 5° below normal to 1° above normal west; 6° below normal to 1° above normal east. Precipitation 0.25 to 0.65 in. west; none to 0.80 in. east.

Days suitable for fieldwork 6.4. Soil moisture 48% short, 52% adequate. Hay, other roughage 1% very short, 8% short, 89% adequate, 2% surplus. Range, pasture feed 12% very poor, 21% poor, 33% fair, 33% good, 1% excellent. Winter wheat dryland 15% poor, 37% fair, 42% good, 6% excellent; irrigated 90% good, 10% excellent. Spring wheat dryland 7% very poor, 10% poor, 55% fair, 28% good; irrigated 2% fair, 90% good, 8% excellent. Barley dryland 9% very poor, 15% poor, 52% fair, 24% good; irrigated 1% fair, 99% good. Potatoes 4% fair, 96% good. Dry edible beans 100% good. Corn 100% good. Winter wheat 86% headed, 59% 1993, 66% avg. Spring wheat 53% headed, 14% 1993, 33% avg. Barley 63% headed, 17% 1993, 39% avg. Potatoes 93% emerged, 98% 1993, 95% avg. Dry beans 78% planted, 65% 1993, 80% avg. Corn 96% planted, 98% 1993, 95% avg. Alfalfa first cutting 56% completed, 46% 1993, 50% avg.

WEST VIRGINIA: Temperature 65°. Extremes 35°, 91°. Precipitation 0.01 in.

Days suitable for fieldwork 6.1. Soil moisture 42% short, 58% adequate. Soil prepared 95%, 90% 1993. Barley good; ripe 44%, 62% 1993. Wheat good; jointed 95%; headed 88%, 97% 1993. Hay 33% fair, 59% good, 8% excellent; first cutting 50%, 29% 1993, 26% avg. Apples 50% poor, 50% fair. Peaches 100% very poor. Corn 4% poor, 14% fair, 82% good; planted 84%, 83% 1993, 86% avg.; emerged 61%, 71% 1993, 74% avg. Oats good; emerged 95%, 94% 1993, 85% avg. Tobacco 53% fair, 47% good; set 77%, 54% 1993, 52% avg. Gardens 9% poor, 39% fair, 48% good, 4% excellent; planted 86%, 77% 1993, 74% avg.; emerged 68%, 60% 1993, 60% avg. Soybeans 9% fair, 91% good; planted 47%, 40% 1993; emerged 41%, 39% 1993. Pastures 23% fair, 75% good, 2% excellent; 89% of normal. Cattle 6% fair, 91% good, 3% excellent. Sheep 7% fair, 92% good, 1% excellent. Farm activities: Cutting hay, gardening, plowing, planting, equipment maintenance.

WISCONSIN: Temperature 62°, equal to normal. Extremes 25°, 93°. Precipitation trace to 1.70 in.

Days suitable for fieldwork 5.9. Soil moisture 63% short, 37% adequate. Pasture feed 77%, 88% 1993, 82% avg. General condition of crops: 1% poor, 22% fair, 67% good, 10% excellent. Corn planted 99%, 83% 1993, 91% avg.; height 5 in., 3 in. 1993, 4 in. avg.; 1% poor, 14% fair, 73% good, 12% excellent. Oats 24% fair, 63% good, 13% excellent. Soybeans planted 96%, 57% 1993, 74% avg. Winter wheat 1% poor, 12% fair, 64% good, 23% excellent. First cutting hay harvested 27%, 5% 1993, 15% avg. Despite the dry weather, scattered frosts, reporters thought corn was in good shape, slow growing, a little weedy. Soybeans were out of the ground in most places, some were worried about possible frost damage. Harvest of hay progressed rapidly in the south, was just beginning in the north. Quality was very good, yields were below normal. Oats started to head in the southern districts. Winter wheat crop looked fine; some has started to head. Peas in the central areas started to bloom.

WYOMING: Temperatures 2° above normal in Powell to 8° above in Douglas, Kaycee, Thermopolis. Rainfall was below normal except for parts of the southeast. Cheyenne received the most precipitation 1.53 in.

Days suitable for fieldwork 6.5. Topsoil 86% short, 14% adequate. Subsoil 84% short, 16% adequate. Winter wheat 2% emerged/not jointed, 15% jointed/not in boot, 30% boot, 53% headed. Spring wheat 99% emerged, 95% 1993, 94% avg.; 24% jointed; 7% boot. Oats 99% planted, 99% 1993, 100% avg.; 91% emerged, 89% 1993, 89% avg.; 29% jointed; 6% boot. Barley 96% emerged, 82% 1993, 92% avg.; 53% jointed; 14% boot. Sugarbeets 99% emerged, 95% 1993, 93% avg.; 35% thinned, 37% 1993, 30% avg. Corn 95% emerged, 72% 1993, 69% avg. Dry beans 78% planted, 96% 1993, 92% avg.; 31% emerged, 37% 1993, 57% avg. Alfalfa 3% first cutting, 1% 1993. Cattle, calves 99% good, 1% excellent. Sheep, lambs 100% good. Range flock ewes lambing 88%, 94% 1993. Percent cattle, calves moved to summer ranges 72%, 68% 1993. Percent sheep, lambs moved to summer ranges 62%, 57% 1993.

May 1994

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

International Weather and Crop Summary
HIGHLIGHTS

May 29 - June 4, 1994

FSU-WESTERN: Unseasonably cool weather slowed crop development.

FSU-NEW LANDS: Although mostly dry weather allowed spring grain planting to approach completion, rain is needed for germination.

EUROPE: Favorable winter grain harvest weather prevailed across the south, while showery weather continued in the north.

SOUTH ASIA: Inundating monsoonal rains covered southwest Indian coastal rice areas.

SOUTHEAST ASIA: Heavy showers over Indochinese rice areas caused some additional flooding.

EASTERN ASIA: Warm, mostly dry weather reduced soil moisture for germinating summer crops across the North China Plain.

AUSTRALIA: Rains continued to boost western and southern topsoil moisture, but dryness continued across the east.

SOUTH AMERICA: Wetness continued to delay wheat planting across southern Brazil, while dry weather aided fieldwork in Argentina.

CANADA: Spring grain and oilseed planting neared completion.

MEXICO: Scattered showers boosted topsoil moisture for corn and sorghum planting across the western corn belt, but more rain is still needed.

CUBA: Drier weather prevailed across eastern Cuba, while moderate rains (20-60 mm) slowed fieldwork across central and western Cuba.

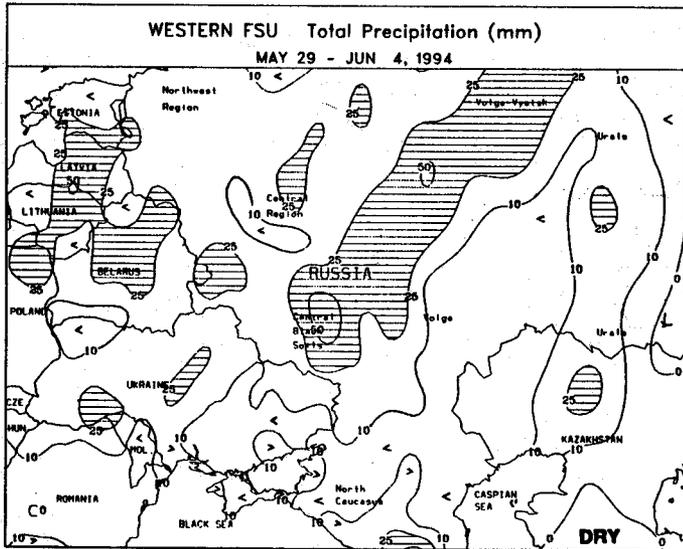
| COUNTRY | CITY | TEMPERATURE (C) | | | | | PRECIPITATION (MM) | | |
|---------|----------------|-----------------|-----|-----|----|----|--------------------|--------|-------|
| | | AVG | MAX | MIN | HI | LO | DPART | F/INCH | TOTAL |
| NORWAY | OSLO | 15 | 4 | 22 | 0 | 10 | 0.2 | 1 | -61 |
| SWEDEN | STOCKHOLM | 16 | 4 | 22 | -2 | 10 | -0.8 | 20 | -11 |
| FINLAND | HELSINKI | 14 | 3 | 23 | -3 | 8 | -1.8 | 67 | 32 |
| U KING | GLASGOW | 15 | 5 | 26 | -2 | 10 | -1.3 | 18 | -53 |
| | EDINBURGH | 13 | 6 | 17 | 0 | 9 | -0.5 | 9 | -42 |
| | BIRMINGHAM | 14 | 6 | 21 | 1 | 10 | -0.5 | 52 | -4 |
| | LONDON | 15 | 7 | 20 | 2 | 11 | -0.2 | 65 | 10 |
| IRELAND | DUBLIN | 13 | 6 | 19 | 1 | 9 | -1.2 | 45 | -11 |
| ICELAND | REYKJAVIK | 10 | 5 | 14 | 1 | 7 | 0.9 | 71 | -28 |
| DENMRK | COPENHAGEN | 15 | 7 | 21 | 1 | 11 | -1.1 | 31 | -11 |
| LUXEMB | LUXEMBOURG | 17 | 8 | 22 | 4 | 13 | 0.4 | 71 | -4 |
| SWITZL | ZURICH | 18 | 10 | 24 | 5 | 14 | 1.3 | 233 | 127 |
| | GENEVA | 19 | 11 | 25 | 6 | 15 | 2.3 | 97 | 23 |
| FRANCE | PARIS/ORLY | 19 | 10 | 26 | 6 | 15 | *** | 71 | ** |
| | STRASBOURG | 20 | 10 | 25 | 4 | 15 | 1.1 | 123 | 46 |
| | BOURGES | 20 | 10 | 27 | 6 | 15 | 1.6 | 126 | 46 |
| | BORDEAUX | 22 | 11 | 31 | 6 | 16 | 1.8 | 104 | 27 |
| | TOULOUSE | 22 | 11 | 31 | 5 | 16 | 1.9 | 75 | 1 |
| | MARSEILLE | 23 | 14 | 28 | 9 | 19 | 1.7 | 25 | -18 |
| SPAIN | VALLADOLID | 21 | 9 | 30 | 2 | 15 | 1.3 | 88 | 41 |
| | MADRID | 23 | 11 | 33 | 6 | 17 | 0.5 | 95 | 55 |
| | SEVILLE | 27 | 14 | 35 | 9 | 20 | 0.4 | 54 | 15 |
| PORTUG | LISBON | 20 | 13 | 32 | 10 | 17 | -0.8 | 147 | 104 |
| GERMNY | HAMBURG | 17 | 8 | 22 | 1 | 13 | 0.5 | 47 | -10 |
| | BERLIN | 18 | 9 | 24 | 4 | 14 | -0.4 | 72 | 16 |
| | DUSSELDORF | 18 | 9 | 24 | 1 | 13 | -0.5 | 48 | -12 |
| | LEIPZIG | 18 | 9 | 24 | 4 | 13 | 0.6 | 78 | 27 |
| | DRESDEN | 18 | 9 | 25 | 3 | 14 | 0.5 | 93 | 30 |
| | STUTTGART | 18 | 9 | 25 | 3 | 13 | 0.7 | 72 | -7 |
| | NURNEBERG | 19 | 9 | 26 | 1 | 14 | 0.9 | 33 | -32 |
| AUSTRI | VIENNA | 20 | 10 | 28 | 4 | 15 | 0.2 | 59 | -3 |
| | INNSBRUCK | 21 | 8 | 26 | 2 | 15 | 1.3 | 97 | 6 |
| CZECH | PRAGUE | 18 | 7 | 25 | 2 | 13 | 0.0 | 65 | -13 |
| POLAND | WARSAW | 18 | 7 | 25 | -1 | 12 | -1.0 | 87 | 29 |
| | LODZ | 18 | 7 | 27 | 0 | 13 | -0.3 | 64 | 13 |
| | KATOWICE | 18 | 8 | 29 | -1 | 13 | 0.1 | 97 | 28 |
| | PRZEMYSL | 18 | 7 | 32 | 0 | 13 | -0.5 | 58 | -19 |
| HUNGAR | BUDAPEST | 21 | 11 | 30 | 4 | 16 | 0.2 | 72 | 17 |
| F YUGO | BELGRADE | 24 | 13 | 34 | 5 | 19 | 1.4 | 41 | -32 |
| ROMANI | BUCHAREST | 25 | 10 | 34 | 2 | 18 | 1.0 | 29 | -42 |
| BULGAR | SOFTA | 22 | 11 | 30 | 3 | 17 | 1.8 | 63 | -12 |
| ITALY | MILAN | 23 | 14 | 28 | 7 | 19 | 2.2 | 92 | -4 |
| | VERONA | 23 | 13 | 27 | 7 | 18 | 0.6 | 64 | -21 |
| | VENICE | 21 | 14 | 25 | 9 | 18 | 1.0 | 52 | -14 |
| | GENOA | 21 | 15 | 28 | 12 | 18 | 0.1 | 42 | -66 |
| | ROME | 23 | 13 | 30 | 7 | 18 | 0.9 | 24 | -11 |
| | NAPLES | 24 | 14 | 32 | 1 | 19 | 1.4 | 47 | -5 |
| GREECE | THESSALONIKA | 25 | 13 | 34 | 8 | 19 | -0.5 | 58 | 11 |
| | LARISSA | 27 | 12 | 36 | 7 | 20 | 0.3 | 29 | -8 |
| | ATHENS | 26 | 16 | 33 | 12 | 21 | 0.4 | 50 | 26 |
| TURKEY | ISTANBUL | 23 | 14 | 33 | 8 | 18 | 2.5 | 33 | 3 |
| | ANKARA | 22 | 6 | 30 | -4 | 14 | -2.7 | 38 | -5 |
| CYPRUS | LARNACA | 27 | 16 | 34 | 12 | 22 | 1.1 | 1 | -10 |
| ESTONI | TALLINN | 13 | 2 | 21 | -2 | 7 | -2.2 | 23 | -11 |
| FSU | ST. PETERSBURG | 14 | 5 | 23 | 1 | 9 | -1.5 | 44 | 7 |
| LITHUA | KALNAS | 16 | 7 | 24 | 0 | 11 | -1.4 | 50 | -5 |
| FSU | MINSK | 16 | 7 | 26 | 1 | 12 | -1.5 | 96 | 36 |
| | KAZAN | 17 | 7 | 28 | -1 | 12 | -1.6 | 50 | 15 |
| | MOSCOW | 15 | 6 | 24 | -3 | 10 | -3.0 | 65 | 10 |
| | YEKATERINBURG | 17 | 6 | 29 | -4 | 11 | 0.3 | 25 | -19 |
| | OMSK | 19 | 6 | 29 | -4 | 13 | 1.1 | 28 | -5 |
| | KUSTANAY | 19 | 8 | 30 | 0 | 13 | -0.3 | 51 | 26 |
| | KRASNOYARSK | 16 | 5 | 27 | -4 | 11 | 1.3 | 52 | 5 |
| | NOVOSIBIRSK | 18 | 7 | 29 | -5 | 12 | 2.6 | 22 | -12 |
| | BARNAUL | 18 | 7 | 29 | -8 | 13 | 0.8 | 90 | 52 |
| | KHABAROVSK | 17 | 6 | 29 | 0 | 12 | -0.2 | 149 | 91 |
| | VLADIVOSTOK | 14 | 7 | 21 | 0 | 10 | 0.6 | 154 | 86 |
| | KIEV | 17 | 9 | 30 | 1 | 13 | -1.8 | 59 | 8 |
| | LVOV | 18 | 8 | 30 | -3 | 13 | -0.4 | 58 | -7 |
| | KIROVOGRAD | 19 | 8 | 29 | 0 | 13 | -1.7 | 44 | -4 |

Based on Preliminary Reports

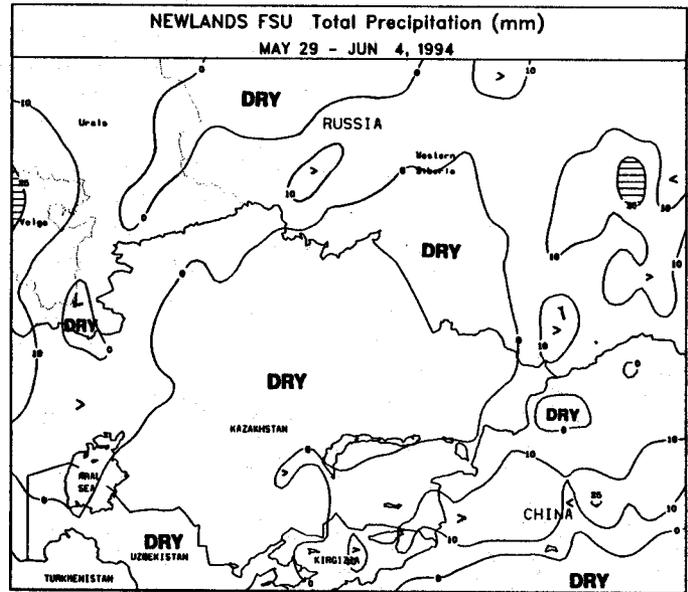
May 1994

| COUNTRY | CITY | TEMPERATURE (C) | | | | | PRECIPITATION (MM) | | | DEPART F/NRM |
|--------------|----------------|-----------------|-----|----|----|--------|--------------------|-------|-------|--------------|
| | | AVG | AVG | HI | LO | DEPART | AVG | F/NRM | TOTAL | |
| FSU | ODESSA | 20 | 12 | 28 | 3 | 16 | 0.7 | 18 | -20 | |
| | YALTA | 19 | 12 | 30 | 6 | 16 | -0.6 | 22 | -3 | |
| | VORONEZH | 17 | 7 | 29 | -1 | 12 | -3.2 | 102 | 57 | |
| | SARATOV | 18 | 10 | 27 | 2 | 14 | -0.6 | 48 | -1 | |
| | KHARKOV | 18 | 9 | 29 | 0 | 13 | -2.5 | 104 | 57 | |
| | VOLGOGRAD | 20 | 9 | 31 | 1 | 15 | -2.2 | 14 | -18 | |
| | ROSTOV | 20 | 11 | 28 | 3 | 15 | -2.0 | 43 | -10 | |
| | ASTRAKHAN | 23 | 12 | 31 | 6 | 17 | -1.0 | 1 | -7 | |
| | KRASNODAR | 22 | 11 | 31 | 3 | 16 | -0.8 | 56 | -23 | |
| | ORENBURG | 20 | 8 | 31 | 0 | 14 | -1.3 | 44 | 16 | |
| | TSELINOGRAD | 21 | 9 | 30 | 1 | 15 | 2.3 | 25 | -2 | |
| | KARAGANDA | 21 | 8 | 28 | 0 | 14 | 1.1 | 23 | -12 | |
| | TBILISI | ** | ** | 31 | 7 | ** | ** | ** | ** | |
| | TASHKENT | 28 | 15 | 34 | 7 | 21 | 0.9 | 74 | 29 | |
| | ASHKABAD | 31 | 17 | 38 | 9 | 24 | 0.7 | 6 | -22 | |
| | SYRIA | DAMASCUS | 31 | 11 | 37 | 3 | 21 | 0.6 | 0 | -5 |
| | | JERUSALEM | 27 | 14 | 35 | 8 | 20 | 1.0 | 4 | 1 |
| | ISRAEL | JERUSALEM | 27 | 14 | 35 | 8 | 20 | 1.0 | 4 | 1 |
| PAKIST | KARACHI | 35 | 26 | 40 | 23 | 31 | -0.1 | 0 | 0 | |
| INDIA | AMRITSAR | 39 | 23 | 45 | 20 | 31 | 1.6 | 78 | 59 | |
| | NEW DELHI | 40 | 26 | 46 | 22 | 33 | 0.7 | 14 | -10 | |
| | AHMEDABAD | 42 | 27 | 45 | 25 | 35 | 0.9 | 0 | -15 | |
| | INDORE | 42 | 25 | 46 | 21 | 33 | 1.0 | 5 | -13 | |
| | CALCUTTA | 36 | 26 | 41 | 20 | 31 | -0.1 | 106 | 24 | |
| | VERAVAL | 32 | 26 | 33 | 24 | 29 | 0.7 | 0 | -2 | |
| | BOMBAY | 33 | 26 | 36 | 24 | 30 | 0.1 | 6 | -14 | |
| | POONA | 37 | 22 | 41 | 17 | 30 | -0.2 | 50 | 6 | |
| | BEGAMPET | 40 | 27 | 43 | 23 | 34 | 0.9 | 4 | -30 | |
| | VISHAKHAPATNAM | 33 | 28 | 35 | 21 | 30 | ** | 163 | ** | |
| | MADRAS | 38 | 28 | 43 | 23 | 33 | 0.1 | 55 | 27 | |
| | MANGALORE | 34 | 25 | 35 | 22 | 30 | 0.4 | 67 | -166 | |
| | H KONG | KINGS PEAK | 30 | 25 | 33 | 21 | 28 | ** | 123 | ** |
| | | NYONGYANG | 20 | 9 | 24 | 2 | 15 | 0.2 | 151 | 74 |
| | S KREA | SEOUL | 23 | 14 | 28 | 9 | 19 | 2.2 | 187 | 101 |
| | | SAPPORO | 18 | 9 | 29 | 4 | 14 | 1.9 | 60 | 5 |
| | JAPAN | NAGOYA | 25 | 16 | 29 | 10 | 20 | 1.8 | 93 | -65 |
| | | TOKYO | 23 | 16 | 29 | 11 | 20 | 1.2 | 135 | -3 |
| YOKOHAMA | | 23 | 16 | 28 | 11 | 20 | 1.6 | 133 | -31 | |
| KYOTO | | 26 | 15 | 30 | 10 | 20 | 2.0 | 112 | -45 | |
| OSAKA | | 25 | 17 | 29 | 13 | 21 | 1.7 | 68 | -72 | |
| PHETCHABUN | | 34 | 25 | 38 | 24 | 30 | 0.2 | 196 | 35 | |
| BANGKOK | | 34 | 26 | 38 | 23 | 30 | 0.3 | 410 | 189 | |
| KUALA LUMPUR | | 33 | 25 | 35 | 23 | 29 | 1.4 | 114 | -78 | |
| HANOI | | 32 | 26 | 40 | 18 | 29 | 1.0 | 276 | 81 | |
| HARBIN | | 20 | 8 | 30 | 1 | 14 | 0.1 | 82 | 46 | |
| CHINA | HAMI | 28 | 11 | 35 | 3 | 20 | -0.8 | 0 | -3 | |
| | LANCHOW | 25 | 12 | 33 | 2 | 18 | 1.6 | 5 | -33 | |
| | BELJING | 27 | 15 | 34 | 7 | 21 | 0.6 | 65 | 36 | |
| | TIENTSIN | 26 | 14 | 34 | 6 | 20 | -0.2 | 39 | 7 | |
| | LHASA | 21 | 7 | 26 | 2 | 14 | 1.3 | 31 | 4 | |
| | KUNMING | 25 | 16 | 30 | 9 | 20 | 1.1 | 66 | -26 | |
| | CHENGCHOW | 30 | 17 | 37 | 11 | 23 | 2.3 | 42 | -10 | |
| | YEHCHANG | 30 | 19 | 36 | 13 | 25 | 2.9 | 74 | -50 | |
| | HANKOW | 29 | 21 | 35 | 13 | 25 | 3.3 | 82 | -67 | |
| | CHUNGKING | 29 | 20 | 37 | 13 | 25 | ** | 51 | ** | |
| | CHIKIANG | 28 | 19 | 33 | 12 | 24 | 2.7 | 181 | -27 | |
| | WU HU | 29 | 19 | 34 | 13 | 24 | ** | 206 | ** | |
| | SHANGHAI | 26 | 19 | 32 | 11 | 22 | ** | 52 | ** | |
| | NANCHANG | 29 | 21 | 34 | 15 | 25 | 2.7 | 194 | -61 | |
| | TAIPEI | 29 | 23 | 35 | 18 | 26 | 1.8 | 227 | 8 | |
| | CANTON | 31 | 25 | 36 | 19 | 28 | 2.4 | 127 | -139 | |
| | NANNING | 31 | 24 | 38 | 18 | 28 | 1.8 | 270 | 82 | |
| | CNRY I | LAS PALMAS | 24 | 17 | 26 | 14 | 20 | 0.3 | 0 | -2 |
| MOROCC | | 22 | 15 | 34 | 11 | 19 | 0.9 | 6 | -13 | |
| MOROCC | CASABLANCA | 28 | 14 | 37 | 9 | 21 | 1.1 | 0 | -22 | |
| | MARRAKECH | 27 | 14 | 39 | 8 | 20 | 2.0 | 2 | -34 | |
| ALGERI | BAINA | 30 | 12 | 41 | 3 | 21 | 5.4 | 10 | -29 | |
| | TUNIS | 29 | 16 | 41 | 6 | 22 | 3.0 | 11 | -12 | |
| NIGER | NIAMEY | 40 | 29 | 43 | 25 | 35 | 0.7 | 16 | -19 | |
| | TIMBUKTU | 41 | 28 | 46 | 19 | 34 | 0.3 | 2 | -2 | |
| MALI | BAMAKO | 37 | 26 | 41 | 21 | 31 | 0.3 | 81 | 29 | |
| | NOUAKCHOTT | 33 | 19 | 40 | 17 | 26 | 0.6 | 0 | 0 | |
| SENEGL | DAKAR | 26 | 20 | 33 | 19 | 23 | -0.1 | 0 | 0 | |
| | DLEGO GARCIA | 30 | 26 | 32 | 24 | 28 | 0.6 | 58 | -132 | |
| LIBYA | TRIPOLI | 33 | 17 | 41 | 11 | 25 | 2.2 | 7 | 3 | |
| | BENHAZI | 28 | 17 | 39 | 10 | 23 | 0.0 | 1 | -2 | |
| EGYPT | CATRO | 32 | 18 | 37 | 0 | 25 | -0.1 | 0 | 0 | |
| | ASWAN | 39 | 22 | 43 | 3 | 31 | 0.1 | 0 | 0 | |
| ETHIOP | ADDIS ABABA | 26 | 12 | 29 | 9 | 19 | 0.5 | 35 | -42 | |

Based on Preliminary Reports

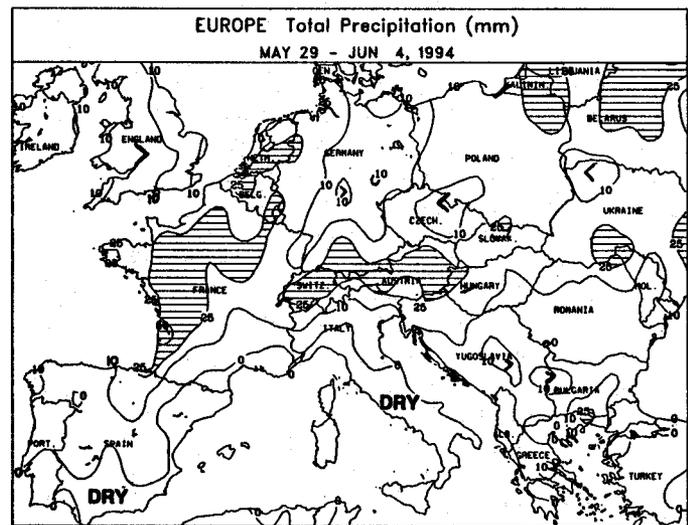


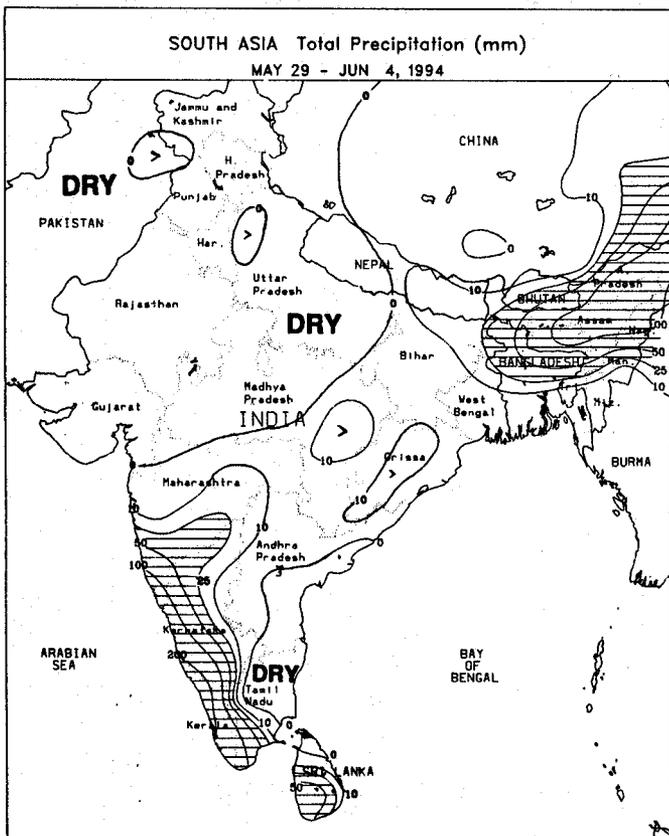
FSU-WESTERN: Winter wheat in Ukraine and Russia continued to progress through heading and advanced into the filling stage in southern areas. Spring grain and summer crop planting was reportedly finished in Ukraine and was approaching completion in Russia and Belarus. In Russia, moderate rain (25-50 mm) fell in the narrow band that stretched northeastward from the Central Black Soils Region, into the Volga Vyatsk, maintaining wet conditions. Lesser amounts of rain (4-20 mm) fell over remaining crop areas. In Ukraine, light rain (10-22 mm) fell over the west and north, while little, if any, precipitation (less than 8 mm) covered the south. Although wet weather (13-35 mm) over the Baltic States and Belarus maintained abundant moisture for crops, moisture conditions were likely becoming excessive in some areas. Weekly average temperatures were 2-6 degrees Celsius (C) below normal over Russia, Ukraine, Belarus, and Baltic States, slowing crop development.



FSU-NEW LANDS: Little, if any, precipitation accompanied seasonable temperatures over Russia and Kazakhstan, allowing spring grain planting to near completion. In Russia, greatest amounts of rain (around 10 mm) fell over the western Urals and scattered locations in Western Siberia. The third consecutive week of dryness lowered topsoil moisture in Kazakhstan. Rain is needed for germination and early plant establishment. Highest weekly temperatures ranged from 21 to 27 degrees C in the Urals and 27-33 degrees C in Kazakhstan and Western Siberia.

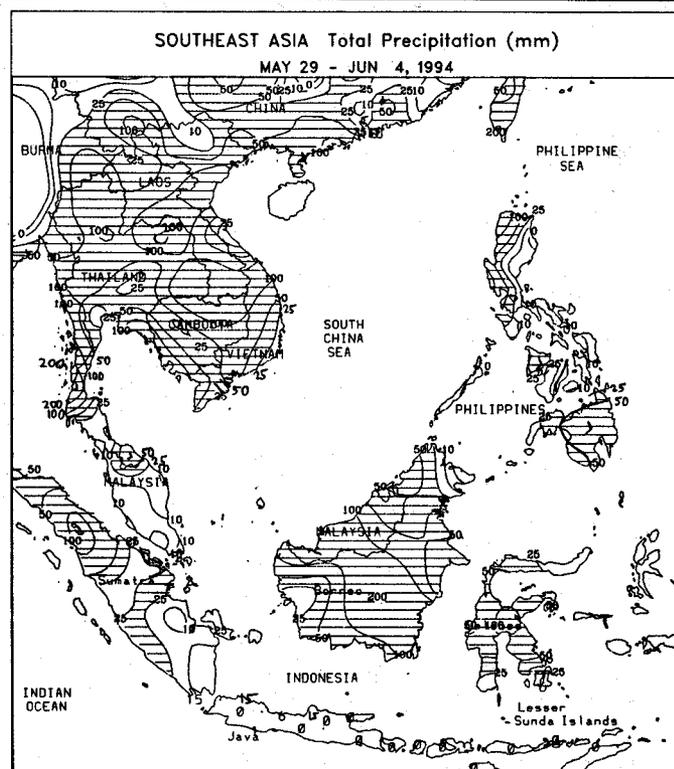
EUROPE: Dry, seasonably warm weather prevailed across the Mediterranean and Balkan regions. Early winter grain harvesting is underway across the south, aided by favorable harvest weather. In the Balkans, dryness continued over the primary summer crop areas of southeastern Romania and northern Bulgaria, where soil moisture reserves are low for corn development. Weekly temperatures returned to more seasonable readings in southeastern Europe, easing heat stress in the moisture-deficient crop areas. Significant rain (20-73 mm) kept most French crop areas adequately moist for winter grain filling and corn growth. Variable showers (5-30 mm) prevailed across northern European crop areas, where soil moisture is mostly adequate. Cool weather (weekly temperatures 1-3 degrees C below normal and night readings falling below 5 degrees C) slowed crop growth in the north, including Scandinavian crop areas. In Scandinavia, widespread showers (10-44 mm) benefited crops in Sweden, Finland, and Denmark.



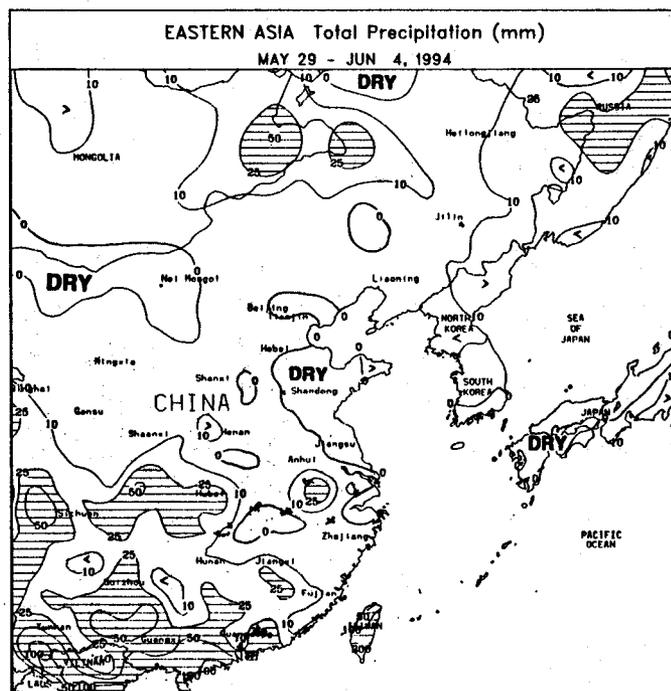


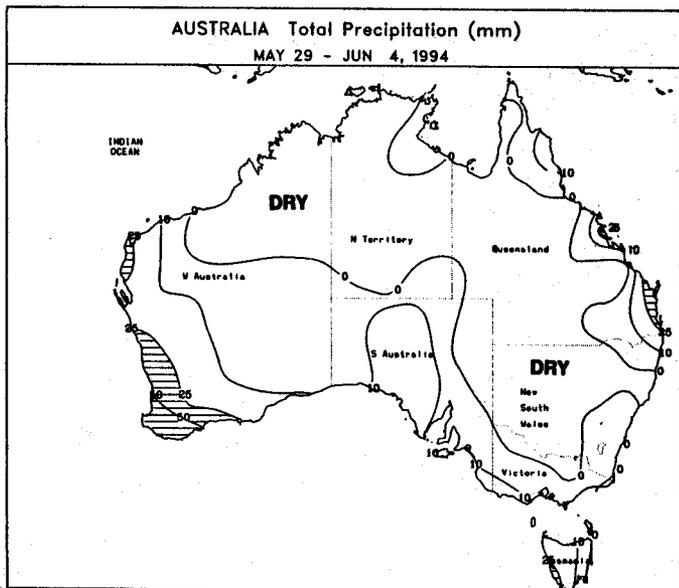
SOUTH ASIA: The southwest monsoon brought inundating rain (100-300 mm or more) to India's southwest coast, causing some flooding to rice areas. Heavy rains have not yet reached crop areas of the southern interior, although moderate rain (19-40 mm) increased topsoil moisture in southern Maharashtra and Karnataka for summer crop germination. In the east, heavy rain (100-130 mm) in Assam likely caused some flooding, including previously flooded sections of Bangladesh along the Brahmaputra River. In contrast, unseasonably hot weather (average temperatures 2-4 degrees C above normal, highs in the mid to upper 40's) continued to plague central and northern India and Pakistan, stressing livestock.

EASTERN ASIA: Only very light rain (less than 5 mm) and isolated moderate showers (10-30 mm) fell across the North China Plain. Maximum temperatures ranged from 34 to 37 degrees C (2-3 degrees C above normal) across the region, increasing crop water use and reducing soil moisture for summer crops. Rain is needed to ensure adequate germination, because summer crops in the North China Plain are not as heavily irrigated as winter wheat. Winter wheat should be nearing maturity, thus should not be negatively affected by the warm weather. Light rain (2-15 mm) kept topsoils moist across Manchuria. Moderate rain (10-30 mm, with isolated amounts greater than 75 mm) benefited summer crops in Sichuan. Light to moderate showers (10-50 mm) fell across southwestern China (Guizhou, Guangdong, Guangxi, Hunan, and Yunnan), while lighter amounts (5-25 mm) fell across the southeast. Temperatures averaged near normal in Manchuria, 3-5 degrees C above normal across the Yangtze Valley, and 1-2 degrees C above normal across the south. South Korea and southern Japan were mostly dry, while central and northern Japan received light to moderate showers (5-30 mm). Temperatures averaged 1-3 degrees C above normal across Japan and South Korea.

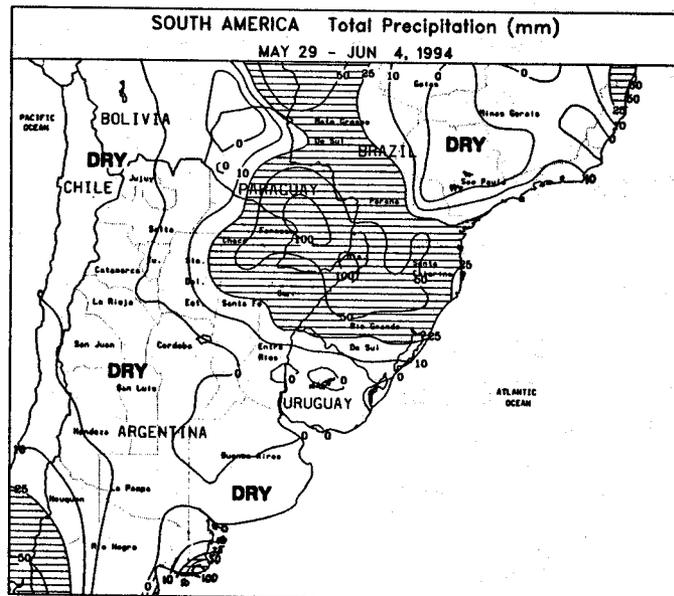


SOUTHEAST ASIA: Heavy showers (50-100 mm or more, with a few local accumulations exceeding 200 mm) covered a large area of Indochina, increasing moisture reserves for main-season crops. However, more flooding was likely, especially in northeastern Thailand and along the Mekong River. In contrast, dry weather dominated oil palm and rice areas of western Malaysia, although rainfall was heavy (61-171 mm) over most of eastern Malaysia. In the Philippines, showers were scattered throughout the region, with heaviest rainfall over Mindanao (25-83 mm total accumulations) and northwestern Luzon (35-167 mm total accumulations). Early-growing conditions for rice, corn, and sugarcane have been generally favorable throughout the Philippines.

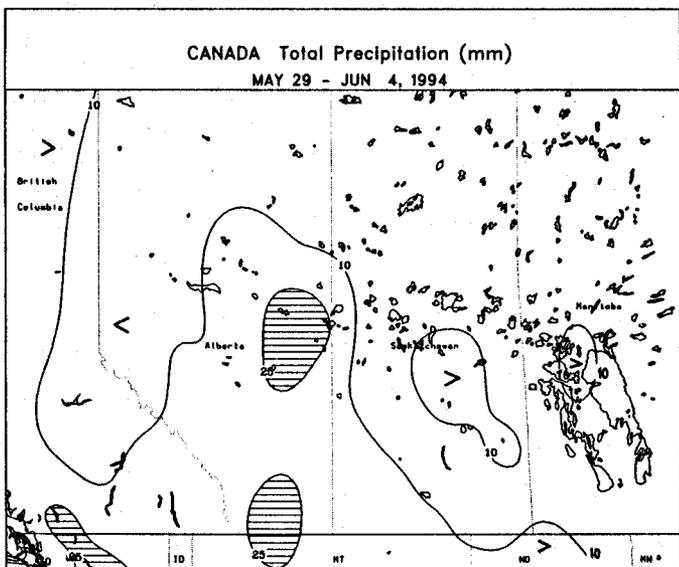




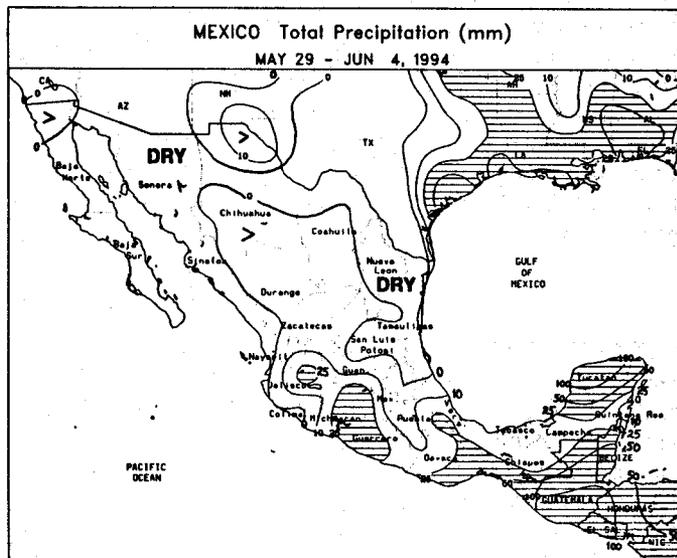
AUSTRALIA: Moderate rains (15-40 mm) continued to cover the western wheat areas, boosting topsoil moisture for planting. Lighter rains (5-20 mm) increased topsoil moisture across South Australia and Victoria. Dry weather continued across New South Wales and Queensland, where moisture is needed for wheat planting and germination. Temperatures averaged 1-2 degrees C below normal across the west and 1-3 degrees C above normal in the south and east.



SOUTH AMERICA: Mostly dry weather covered central Argentina, spurring summer crop harvesting and winter wheat planting. Moderate showers (20-60 mm, with isolated amounts greater than 100 mm) fell across northern Argentina and southern Paraguay, slowing cotton harvesting. In southern Brazil, moderate to heavy showers (25-75 mm) continued to delay winter wheat planting from Rio Grande do Sul northward into southern Mato Grosso. Elsewhere, little or no rain was reported. Temperatures averaged 1-3 degrees C above normal across the region, except across extreme southern Brazil, where temperatures averaged near normal.



CANADA: Light to moderate showers (5-25 mm) covered the Prairies, with heaviest amounts over Alberta and western Saskatchewan. Spring grain and oilseed planting progressed despite the rain, and should be winding down in most areas. Crops not planted by early June run a higher risk of freeze damage in the fall. Temperatures averaged near to slightly above normal, with freezing temperatures limited to northern growing areas. The increased rain and seasonable warming of recent weeks has resulted in generally favorable conditions for crop emergence across the Prairies. In Ontario, dry, mild weather dominated the region. Winter wheat is in or nearing heading, and summer crop planting should be underway in most areas.



MEXICO: Seasonal showers (20-80 mm, with isolated amounts greater than 100 mm) fell across southern Mexico, boosting topsoil moisture for summer crops and reservoir levels. Scattered rain (10-40 mm) increased topsoil moisture across the western corn belt (Bajio), but more rain is needed since the rainy season has been somewhat slow to arrive. Maximum temperatures ranged from 36 to 39 degrees C across the western corn belt (1-3 degrees C above normal). Dry weather prevailed across the northern half of the country with only light rain (less than 10 mm) reported in the higher elevations of north-central Mexico. Temperatures averaged 1-3 degrees C above normal across northern Mexico, increasing water demand on irrigated crops.

The Weekly Weather and Crop Bulletin is published weekly and jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the Weekly Weather Chronicle. It is issued under general authority of the Act of January 12, 1895 (44- USC 213), 53rd Congress, 3rd Session. NOAA is responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

Annual subscriptions: domestic first class \$45, foreign \$55 (in U.S. funds by international money order or check drawn on U.S. bank) payable to U.S. Department of Commerce, NOAA. POSTMASTER: Send address changes to Weekly Weather and Crop Bulletin, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 5844, Washington, DC 20250. Order subscriptions from the office and address listed above. First class postage paid at Washington, DC, and additional mailing offices.

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Crop Condition

for the Week Ending June 5, 1994

WINTER WHEAT

| STATE | VP | P | F | G | EX |
|-----------|----|----|----|----|----|
| AR | 0 | 0 | 28 | 72 | 0 |
| CA | 0 | 0 | 15 | 80 | 5 |
| CO | 2 | 7 | 29 | 52 | 10 |
| GA | 0 | 2 | 14 | 67 | 17 |
| ID | 0 | 1 | 25 | 62 | 12 |
| IL | 2 | 3 | 36 | 58 | 1 |
| IN | 0 | 2 | 24 | 66 | 8 |
| KS | 0 | 3 | 58 | 39 | 0 |
| MI | 3 | 7 | 25 | 50 | 15 |
| MO | 1 | 5 | 51 | 42 | 1 |
| MT | 0 | 3 | 24 | 51 | 22 |
| NE | 3 | 16 | 52 | 27 | 2 |
| NC | 0 | 0 | 22 | 75 | 3 |
| OH | 0 | 4 | 25 | 54 | 17 |
| OK | 5 | 13 | 61 | 21 | 0 |
| OR | 1 | 11 | 34 | 40 | 14 |
| SD | 0 | 14 | 26 | 57 | 3 |
| TX | 4 | 25 | 58 | 12 | 1 |
| WA | 0 | 14 | 33 | 47 | 6 |
| 19 STATE | 2 | 9 | 46 | 39 | 4 |
| PREV WEEK | 1 | 8 | 44 | 41 | 6 |
| PREV YEAR | 1 | 3 | 25 | 54 | 17 |

CORN

| STATE | VP | P | F | G | EX |
|-----------|----|----|----|----|----|
| CO | 0 | 2 | 19 | 65 | 14 |
| GA | 3 | 10 | 64 | 23 | 0 |
| IL | 0 | 0 | 24 | 72 | 4 |
| IN | 0 | 6 | 54 | 40 | 0 |
| IA | 0 | 0 | 15 | 77 | 8 |
| KS | 0 | 1 | 22 | 66 | 11 |
| KY | 0 | 0 | 35 | 64 | 1 |
| MI | 3 | 7 | 30 | 50 | 10 |
| MN | 2 | 0 | 16 | 68 | 14 |
| MO | 0 | 3 | 54 | 42 | 1 |
| NE | 0 | 0 | 18 | 78 | 4 |
| NC | 2 | 7 | 41 | 48 | 2 |
| OH | 1 | 8 | 33 | 49 | 9 |
| PA | 0 | 9 | 23 | 58 | 10 |
| SD | 0 | 1 | 16 | 72 | 11 |
| TX | 0 | 0 | 16 | 67 | 17 |
| WI | 0 | 1 | 14 | 73 | 12 |
| 17 STATE | 0 | 2 | 25 | 66 | 7 |
| PREV WEEK | 0 | 1 | 20 | 70 | 9 |
| PREV YEAR | 2 | 7 | 40 | 47 | 4 |

COTTON

| STATE | VP | P | F | G | EX |
|-----------|----|----|----|-----|----|
| AL | 0 | 0 | 66 | 34 | 0 |
| AZ | 0 | 0 | 15 | 75 | 10 |
| AR | 0 | 22 | 47 | 31 | 0 |
| CA | 0 | 0 | 25 | 75 | 0 |
| GA | 0 | 2 | 46 | 52 | 0 |
| LA | 0 | 5 | 32 | 63 | 0 |
| MS | 0 | 4 | 8 | 64 | 24 |
| MO | 0 | 11 | 44 | 45 | 0 |
| NM | 0 | 19 | 25 | 56 | 0 |
| NC | 0 | 17 | 43 | 40 | 0 |
| OK | 0 | 0 | 0 | 100 | 0 |
| SC | 0 | 30 | 60 | 10 | 0 |
| TN | 0 | 4 | 72 | 24 | 0 |
| TX | 1 | 0 | 17 | 62 | 20 |
| 14 STATE | 0 | 4 | 27 | 58 | 11 |
| PREV WEEK | 0 | 5 | 34 | 56 | 5 |
| PREV YEAR | 2 | 6 | 49 | 42 | 1 |

RICE

| STATE | VP | P | F | G | EX |
|-----------|----|---|----|----|----|
| AR | 0 | 0 | 17 | 83 | 0 |
| CA | 0 | 0 | 15 | 85 | 0 |
| LA | 0 | 2 | 18 | 77 | 3 |
| MS | 0 | 0 | 2 | 74 | 24 |
| TX | 0 | 0 | 0 | 72 | 28 |
| 5 STATE | 0 | 0 | 14 | 80 | 6 |
| PREV WEEK | 0 | 1 | 17 | 76 | 6 |
| PREV YEAR | 0 | 6 | 50 | 43 | 1 |

SPRING WHEAT

| STATE | VP | P | F | G | EX |
|-----------|----|---|----|----|----|
| ID | 1 | 1 | 27 | 64 | 7 |
| MN | 1 | 3 | 17 | 73 | 6 |
| MT | 1 | 3 | 14 | 60 | 22 |
| ND | 0 | 1 | 15 | 74 | 10 |
| SD | 0 | 2 | 38 | 52 | 8 |
| 5 STATE | 0 | 2 | 18 | 69 | 11 |
| PREV WEEK | 0 | 1 | 14 | 70 | 15 |
| PREV YEAR | 0 | 2 | 20 | 69 | 9 |

VP - Very Poor P - Poor F - Fair
 G - Good EX - Excellent

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