

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

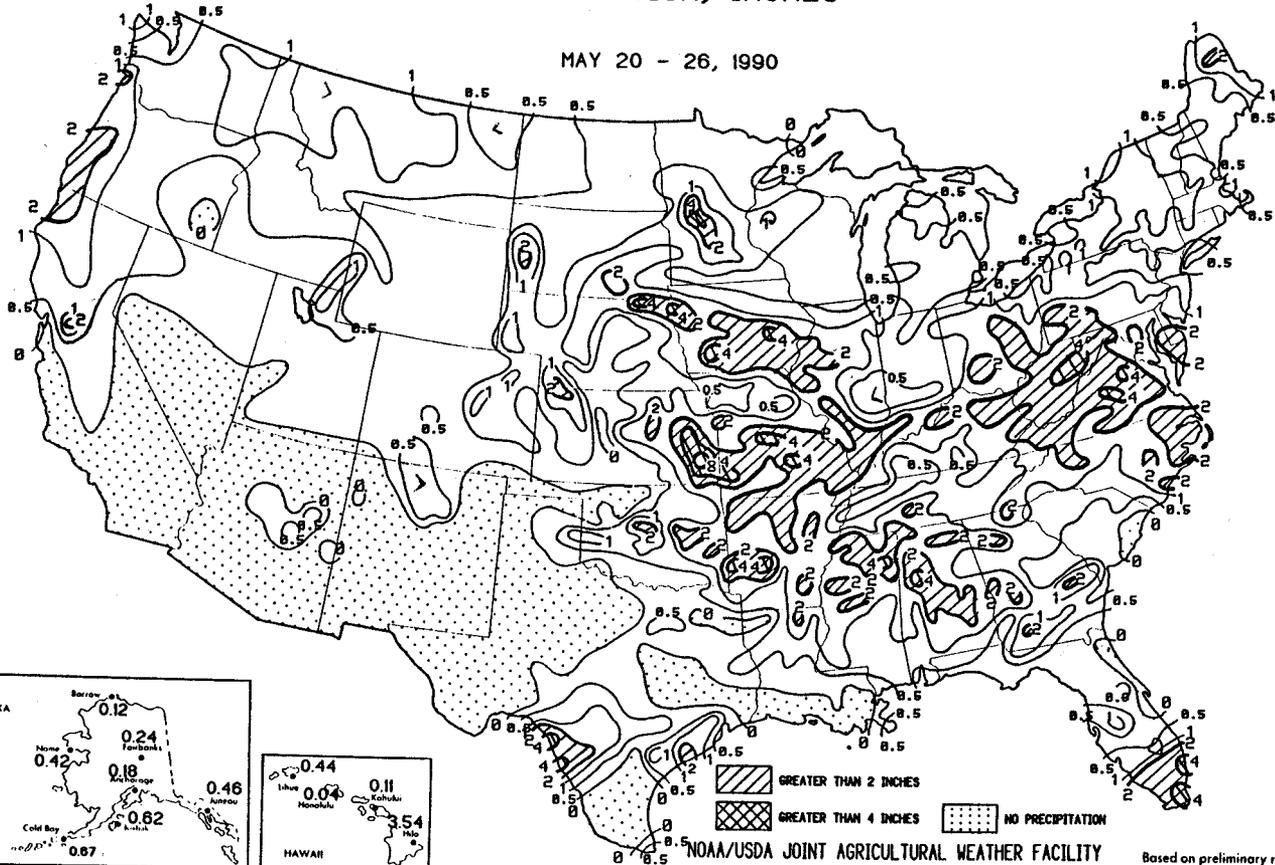
Volume 77, No. 21

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May 30, 1990

TOTAL PRECIPITATION, INCHES

MAY 20 - 26, 1990



Based on preliminary reports

HIGHLIGHTS

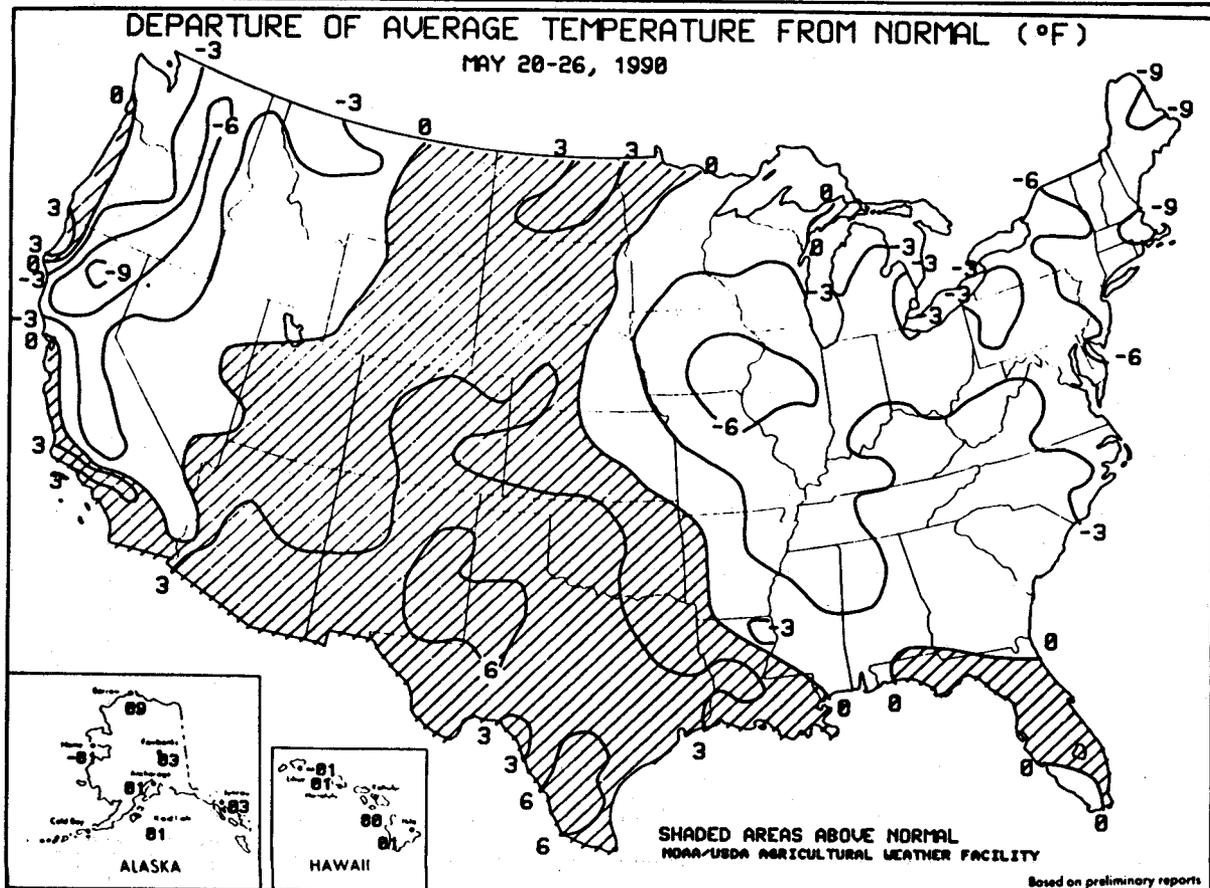
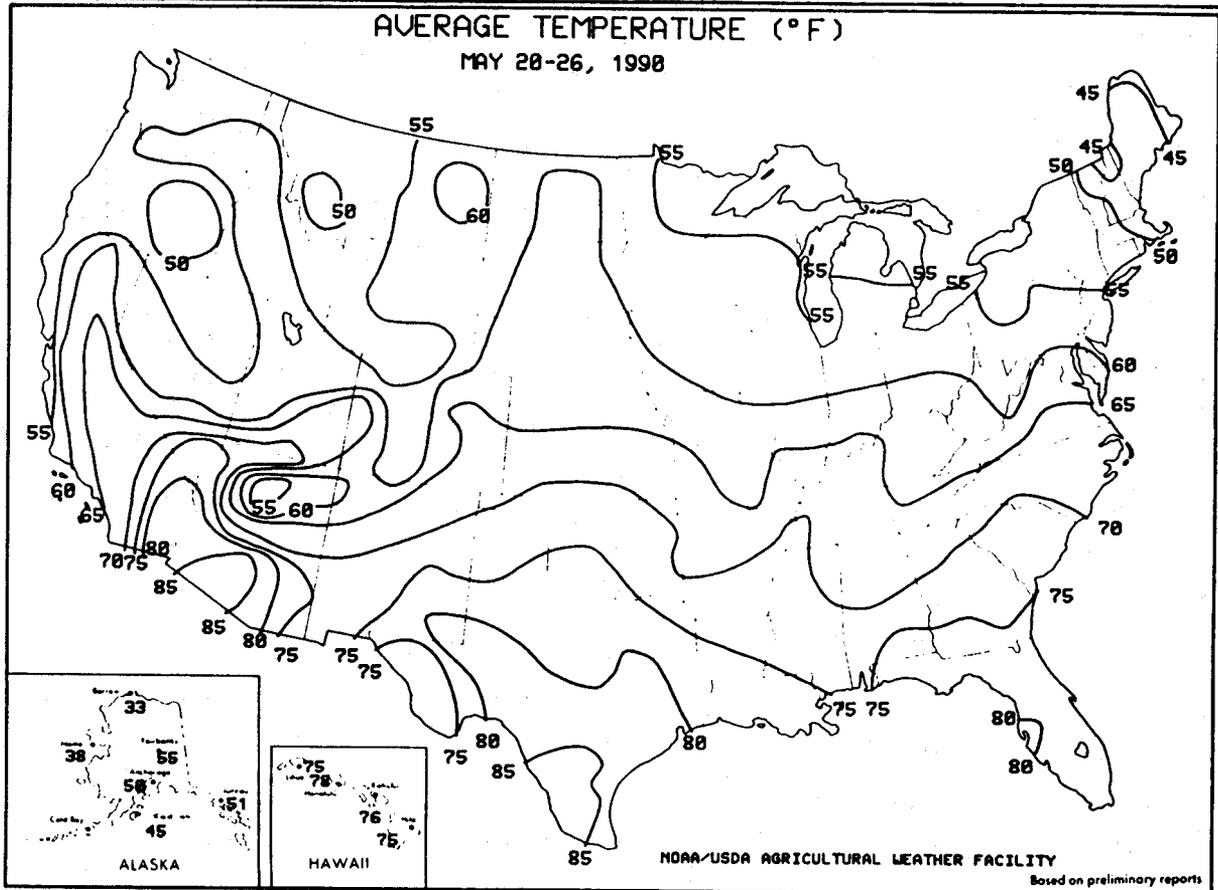
May 20-26, 1990

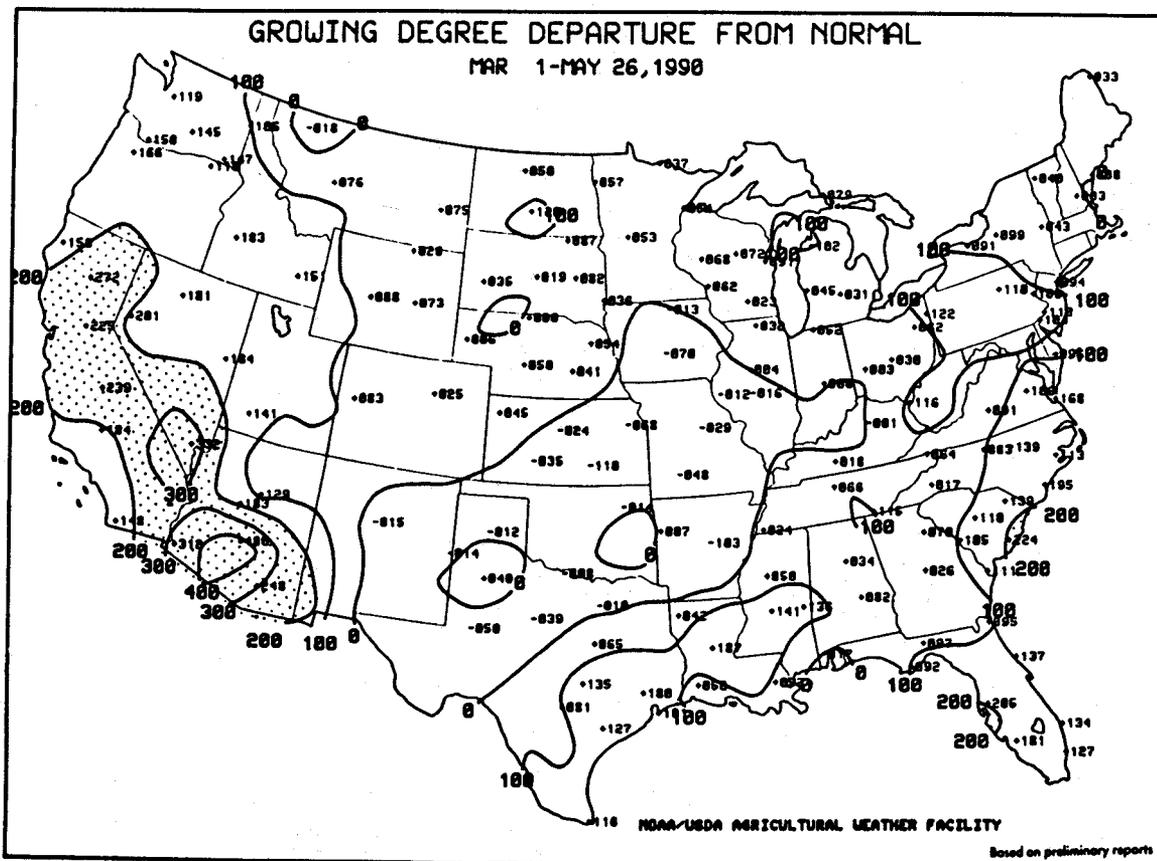
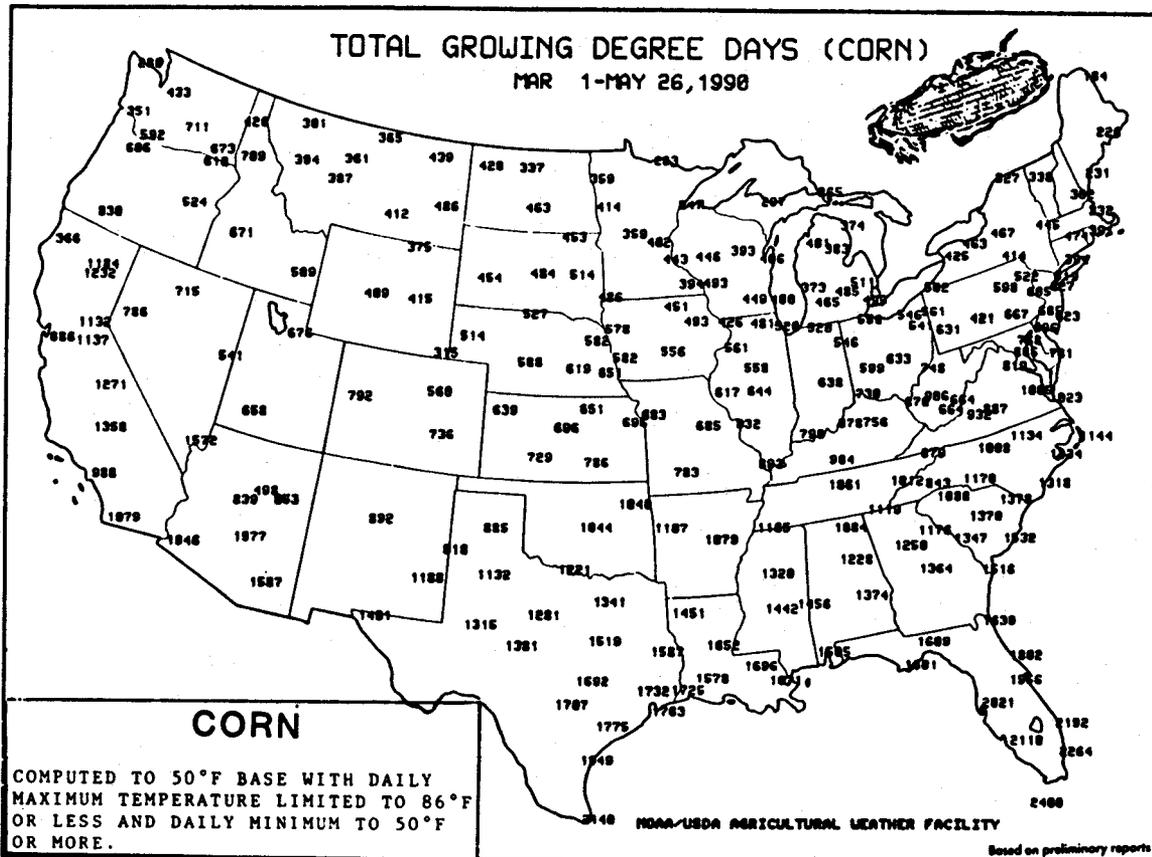
Recurrent thunderstorms battered much of the **eastern two-thirds of the nation**, as one storm system traversed the country and a second system moved through the **Rockies and Central United States**. Unusually chilly weather prevailed in the **Cascades and Sierra Nevadas**, where temperatures averaged as much as 11° F below normal. Heavy late-season snows buried much of this region, while beneficial rains finally moistened much of **northern California and the Northwest**. Abnormally low temperatures, averaging 3-11° F below normal, were also recorded in the **Northeast**. In contrast, record-breaking warmth baked the **south-central and southeastern States** with weekly departures around +6° F in **west-central Texas and southeastern New Mexico**. Heavy rains again soaked (Continued to back cover)

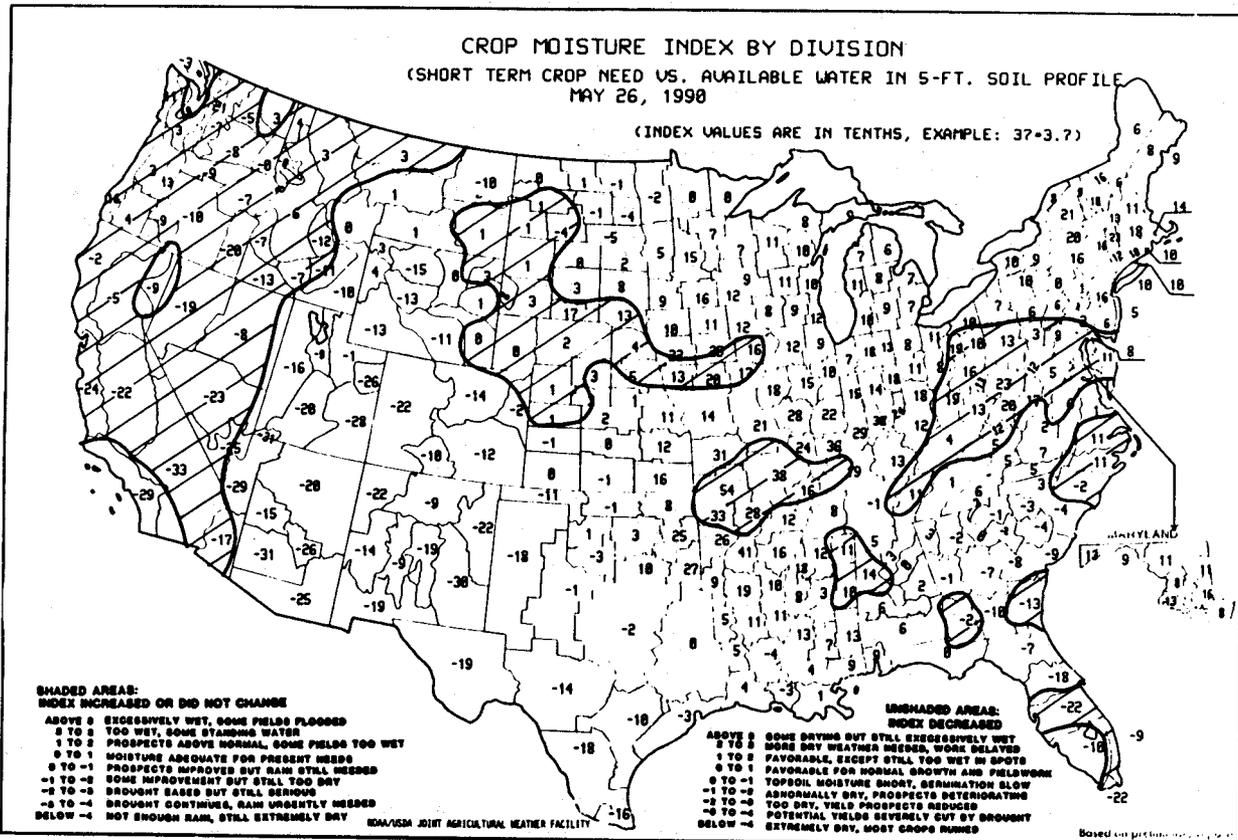
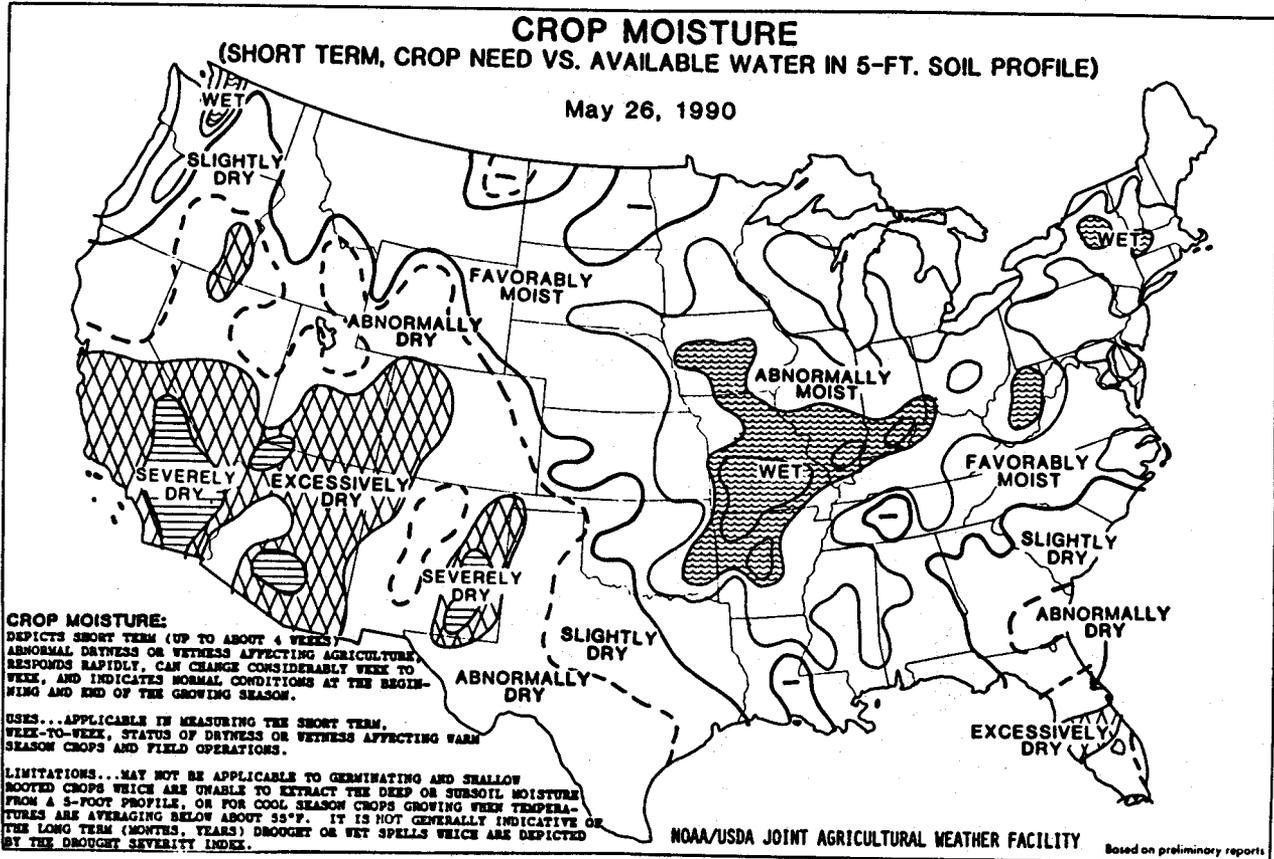
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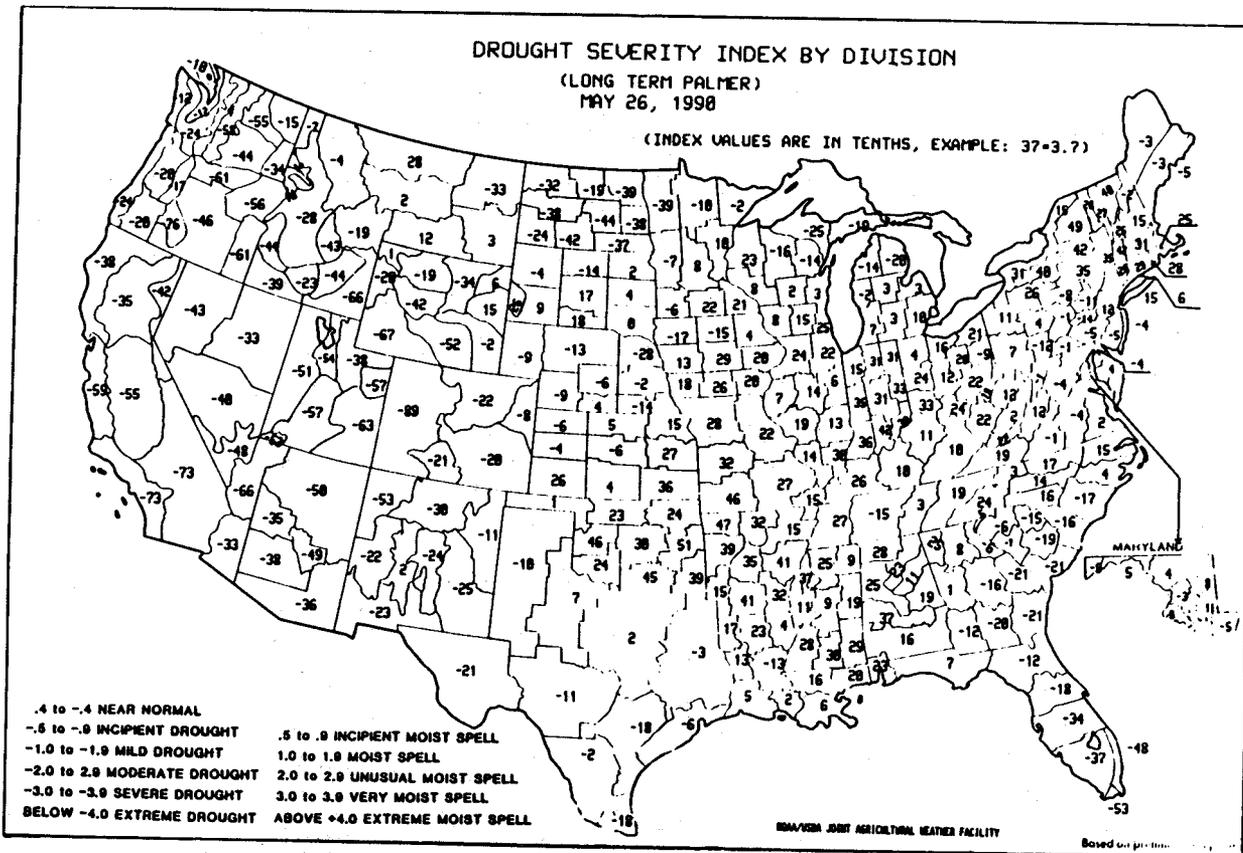
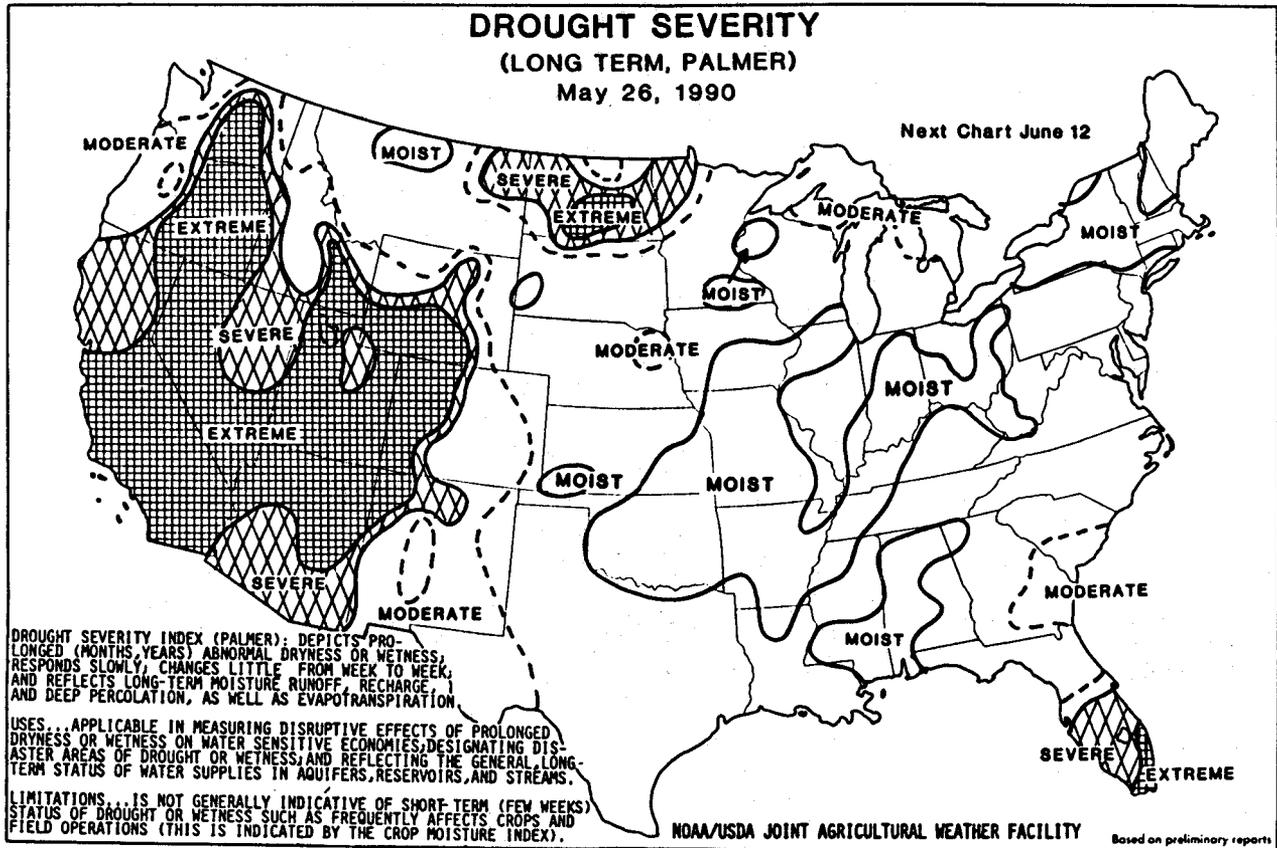
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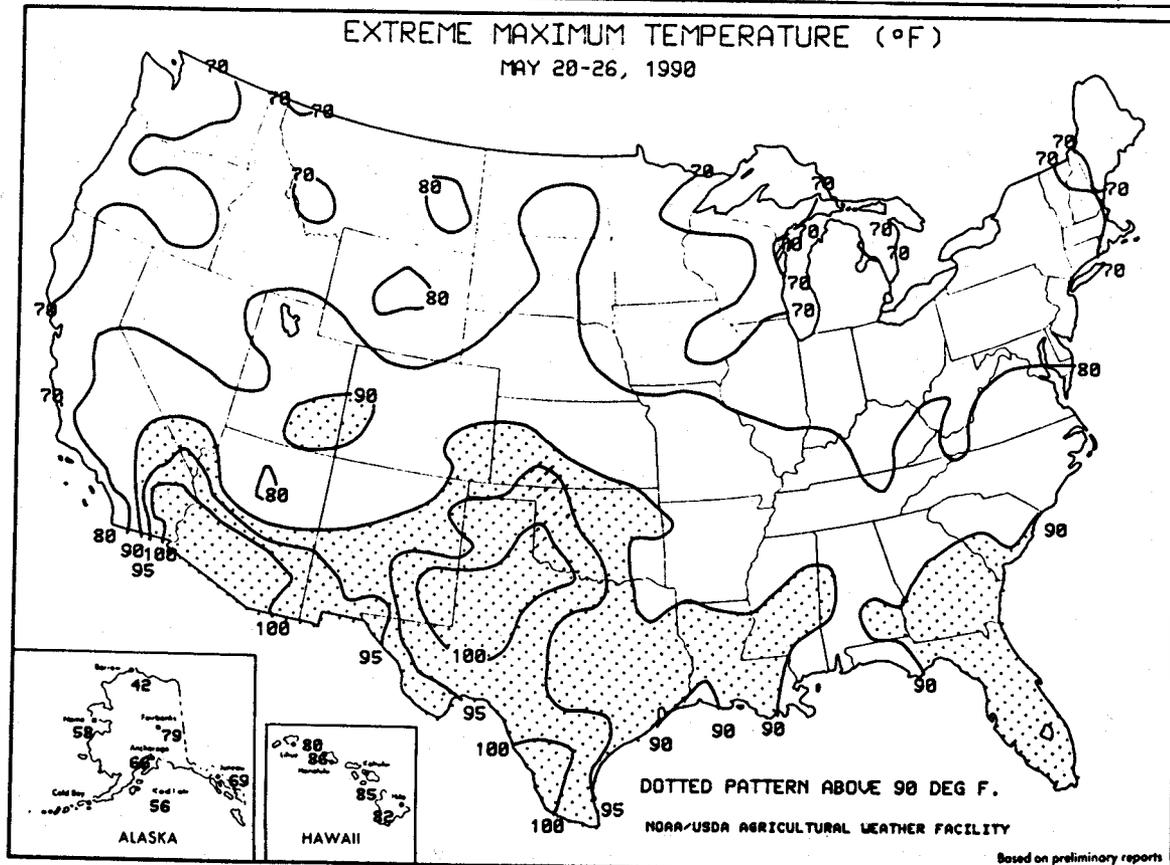
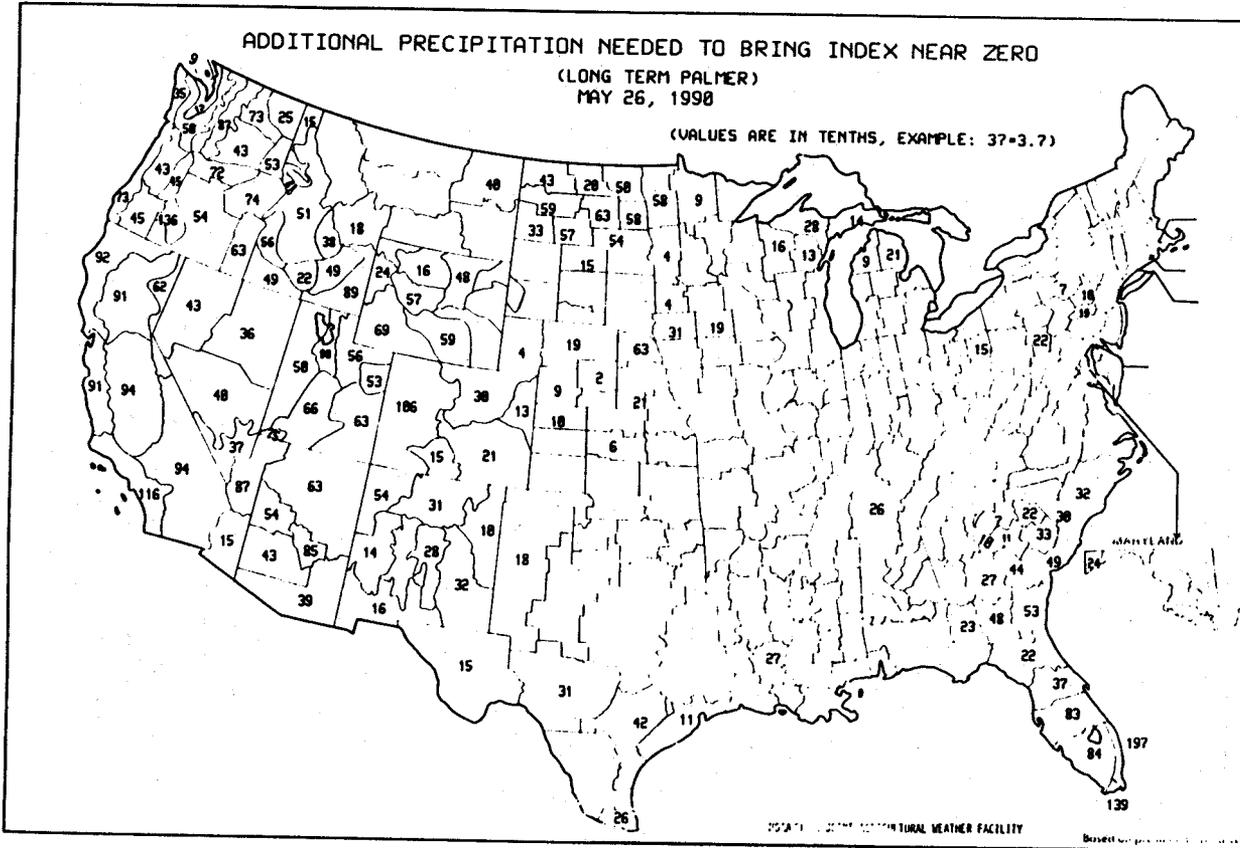








Weekly Weather and Crop Bulletin



National Weather Data for Selected Cities

Weather Data for the Week Ending May 26, 1990

| 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 Mar 1 | PCT. NORMAL SINCE Mar 1 | TOTAL IN. SINCE Jan 1 | PCT. NORMAL SINCE Jan 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | PRECIP. | |
| | | | | | | | | | | | | | | | | | | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM | 78 | 60 | 87 | 53 | 69 | -2 | .8 | -1.2 | .5 | 12.4 | 80 | 26.6 | 105 | 93 | 58 | 0 | 0 | 2 | 1 |
| MOBILE | 86 | 63 | 98 | 56 | 74 | -1.2 | 2.4 | -1.8 | .4 | 23.0 | 140 | 38.5 | 149 | 95 | 52 | 0 | 0 | 1 | 0 |
| AK ANCHORAGE | 59 | 41 | 66 | 35 | 50 | 2.2 | .2 | .1 | 1.4 | 20.4 | 149 | 38.2 | 171 | 98 | 51 | 1 | 0 | 2 | 2 |
| BARRON | 37 | 28 | 42 | 23 | 33 | .2 | .1 | .1 | .2 | 1.4 | 83 | 4.3 | 128 | 77 | 42 | 0 | 0 | 1 | 0 |
| FAIRBANKS | 68 | 42 | 79 | 33 | 55 | .2 | .2 | .1 | .3 | 77 | .4 | 53 | 99 | 77 | 0 | 6 | 2 | 0 | |
| JUNEAU | 60 | 42 | 69 | 40 | 51 | .3 | .5 | .1 | .5 | 43 | 1.7 | 82 | 77 | 26 | 0 | 0 | 2 | 0 | |
| KODIAK | 51 | 40 | 56 | 31 | 45 | .3 | .6 | .1 | .4 | 15.1 | 126 | 24.6 | 108 | 96 | 70 | 2 | 4 | 0 | |
| Nome | 43 | 34 | 58 | 26 | 38 | 1.1 | .4 | .3 | .6 | 231 | 5.0 | 177 | 95 | 73 | 0 | 4 | 4 | 0 | |
| AZ PHOENIX | 98 | 71 | 105 | 64 | 85 | 0 | 0 | 0 | 0 | .5 | 47 | 2.0 | 83 | 29 | 12 | 7 | 0 | 0 | |
| PRESCOTT | 80 | 47 | 85 | 38 | 64 | .5 | .1 | .1 | .1 | 1.9 | 71 | 4.5 | 75 | 46 | 11 | 0 | 2 | 0 | |
| TUCSON | 97 | 62 | 103 | 52 | 80 | 0 | 0 | 0 | 0 | .5 | 46 | 2.2 | 85 | 26 | 9 | 6 | 0 | 0 | |
| TUMA | 97 | 70 | 103 | 64 | 84 | 4 | 0 | 0 | 0 | .2 | 76 | .4 | 40 | 35 | 11 | 7 | 0 | 0 | |
| AR FORT SMITH | 85 | 60 | 92 | 55 | 72 | 1.1 | 1.1 | .6 | .6 | 25.5 | 211 | 36.6 | 223 | 92 | 52 | 1 | 1 | 1 | 1 |
| LITTLE ROCK | 79 | 59 | 88 | 52 | 69 | -3 | 2.1 | 1.0 | 1.3 | 24.7 | 169 | 34.3 | 154 | 87 | 62 | 0 | 0 | 3 | 2 |
| CA BAKERSFIELD | 82 | 53 | 88 | 50 | 67 | -5 | .7 | .0 | .6 | 36 | 2.4 | 62 | 77 | 27 | 0 | 0 | 0 | 0 | |
| BURBANK | 62 | 49 | 68 | 44 | 55 | .3 | 2.0 | 1.7 | .7 | 7.0 | 75 | 18.7 | 87 | 88 | 58 | 0 | 6 | 2 | |
| FRESNO | 80 | 54 | 86 | 48 | 67 | -2 | .2 | .2 | .2 | 1.8 | 60 | 6.0 | 87 | 84 | 30 | 0 | 0 | 0 | |
| LOS ANGELES | 70 | 56 | 75 | 54 | 63 | 0 | 0 | 0 | 0 | .5 | 17 | 4.3 | 51 | 87 | 50 | 0 | 1 | 0 | |
| REDDING | 69 | 51 | 76 | 40 | 60 | -11 | 3.8 | 3.6 | 1.4 | 7.0 | 78 | 16.3 | 69 | 92 | 48 | 0 | 6 | 3 | |
| SACRAMENTO | 74 | 52 | 79 | 48 | 63 | -3 | .3 | .3 | .2 | 2.0 | 55 | 9.8 | 94 | 92 | 38 | 0 | 2 | 0 | |
| SAN DIEGO | 70 | 60 | 75 | 58 | 65 | 1 | 1 | .1 | .1 | 1.0 | 35 | 4.6 | 71 | 82 | 59 | 0 | 0 | 0 | |
| SAN FRANCISCO | 66 | 53 | 71 | 49 | 60 | 1 | .3 | .3 | .1 | 1.3 | 29 | 6.6 | 54 | 88 | 48 | 0 | 5 | 0 | |
| CO DENVER | 81 | 49 | 86 | 45 | 65 | .5 | .5 | .5 | .1 | 4.5 | 88 | 5.8 | 93 | 81 | 19 | 0 | 1 | 0 | |
| GRAND JUNCTION | 82 | 52 | 90 | 46 | 67 | .3 | 0 | 0 | 0 | 1.8 | 87 | 2.9 | 91 | 37 | 9 | 1 | 0 | 0 | |
| PUEBLO | 84 | 47 | 92 | 42 | 66 | -7 | .7 | .3 | .3 | 4.4 | 152 | 5.7 | 168 | 70 | 16 | 1 | 0 | 0 | |
| CT BRIDGEPORT | 61 | 47 | 73 | 39 | 54 | .3 | .3 | .3 | .3 | 11.9 | 113 | 17.7 | 106 | 86 | 53 | 0 | 1 | 0 | |
| HARTFORD | 64 | 44 | 77 | 41 | 54 | .4 | .4 | .3 | .3 | 11.6 | 106 | 19.0 | 108 | 91 | 50 | 0 | 2 | 0 | |
| DC WASHINGTON | 72 | 55 | 79 | 48 | 63 | -8 | 1.0 | -2 | .6 | 10.4 | 112 | 14.6 | 100 | 92 | 48 | 0 | 5 | 1 | |
| FL APALACHICOLA | 85 | 68 | 90 | 60 | 77 | 1 | .2 | .2 | .2 | 6.9 | 71 | 13.3 | 79 | 96 | 62 | 1 | 0 | 0 | |
| DAYTONA BEACH | 86 | 70 | 90 | 68 | 78 | 2 | 0 | 0 | 0 | 4.8 | 61 | 11.8 | 88 | 91 | 58 | 2 | 0 | 0 | |
| JACKSONVILLE | 87 | 64 | 95 | 58 | 76 | -1 | .1 | -1.0 | .1 | 3.0 | 30 | 8.9 | 54 | 92 | 49 | 2 | 0 | 0 | |
| KEY WEST | 86 | 76 | 90 | 74 | 81 | 0 | 1.4 | .6 | .5 | 3.6 | 66 | 4.6 | 51 | 89 | 71 | 1 | 7 | 0 | |
| MIAMI | 86 | 73 | 95 | 71 | 80 | 0 | 2.4 | .8 | 1.0 | 13.1 | 127 | 14.5 | 101 | 86 | 61 | 1 | 5 | 2 | |
| ORLANDO | 88 | 70 | 95 | 68 | 79 | 1 | .2 | -.8 | .2 | 3.9 | 47 | 8.3 | 60 | 91 | 50 | 1 | 0 | 0 | |
| TALLAHASSEE | 89 | 65 | 92 | 59 | 77 | 2 | .6 | -.6 | .4 | 8.6 | 62 | 19.1 | 81 | 95 | 47 | 3 | 2 | 0 | |
| TAMPA | 89 | 72 | 93 | 69 | 81 | 2 | 1.1 | -.3 | .8 | 4.7 | 59 | 9.8 | 75 | 92 | 57 | 3 | 3 | 1 | |
| WEST PALM BEACH | 85 | 72 | 94 | 69 | 79 | 0 | 2.1 | -.6 | 1.0 | 7.8 | 72 | 10.3 | 64 | 93 | 63 | 1 | 5 | 2 | |
| GA ATLANTA | 80 | 61 | 87 | 56 | 71 | 0 | .7 | -.2 | .7 | 14.6 | 107 | 32.9 | 143 | 88 | 49 | 0 | 2 | 1 | |
| AUGUSTA | 86 | 60 | 91 | 53 | 73 | 0 | .3 | -.6 | .3 | 4.5 | 40 | 9.9 | 51 | 91 | 39 | 1 | 0 | 0 | |
| MACON | 86 | 61 | 92 | 56 | 73 | -1 | .4 | -.5 | .3 | 8.8 | 74 | 16.9 | 82 | 92 | 44 | 2 | 2 | 0 | |
| SAVANNAH | 85 | 62 | 93 | 56 | 74 | -1 | .8 | -.4 | .8 | 6.7 | 62 | 13.7 | 80 | 90 | 43 | 2 | 1 | 1 | |
| HI HILO | 80 | 69 | 82 | 66 | 75 | 1 | 3.5 | 1.7 | 1.1 | 21.6 | 62 | 65.9 | 114 | 92 | 66 | 0 | 6 | 4 | |
| HONOLULU | 85 | 72 | 86 | 71 | 78 | 1 | 1 | -.2 | .1 | 1.4 | 23 | 9.8 | 79 | 75 | 48 | 0 | 1 | 0 | |
| KAHULUI | 83 | 68 | 85 | 62 | 76 | 0 | .1 | 0 | .1 | 2.3 | 54 | 13.2 | 118 | 91 | 59 | 0 | 1 | 0 | |
| LIHUE | 79 | 71 | 80 | 68 | 75 | -1 | .4 | -.2 | .2 | 8.0 | 78 | 18.7 | 92 | 83 | 67 | 0 | 6 | 0 | |
| ID BOISE | 69 | 47 | 76 | 39 | 58 | -1 | 1.2 | 1.0 | .6 | 4.2 | 130 | 5.8 | 99 | 85 | 32 | 0 | 4 | 1 | |
| LEWISTON | 69 | 51 | 78 | 47 | 60 | 0 | 1.1 | .7 | .8 | 4.2 | 128 | 4.9 | 88 | 74 | 42 | 0 | 4 | 1 | |
| POCATELLO | 67 | 40 | 77 | 35 | 54 | -2 | .3 | 0 | .2 | 4.2 | 135 | 4.9 | 99 | 85 | 32 | 0 | 3 | 0 | |
| IL CHICAGO | 65 | 48 | 73 | 42 | 57 | -.5 | .8 | 1 | .8 | 11.8 | 129 | 16.1 | 135 | 95 | 49 | 0 | 1 | 1 | |
| MOLINE | 64 | 48 | 71 | 40 | 56 | -.8 | 2.0 | 1.0 | 1.4 | 17.9 | 176 | 21.5 | 165 | 96 | 64 | 0 | 3 | 1 | |
| PEORIA | 64 | 51 | 72 | 48 | 58 | -.6 | 2.1 | 1.3 | 1.5 | 12.5 | 126 | 17.8 | 138 | 98 | 72 | 0 | 3 | 1 | |
| QUINCY | 67 | 53 | 79 | 45 | 60 | -.6 | 2.0 | 1.0 | 1.8 | 12.1 | 113 | 17.0 | 126 | 97 | 75 | 0 | 2 | 1 | |
| ROCKFORD | 65 | 49 | 71 | 40 | 57 | -.5 | .4 | -.5 | .3 | 10.6 | 107 | 13.5 | 109 | 93 | 61 | 0 | 2 | 0 | |
| SPRINGFIELD | 67 | 54 | 78 | 48 | 60 | -.5 | .7 | -.1 | .5 | 13.5 | 136 | 19.9 | 151 | 92 | 62 | 0 | 4 | 0 | |
| IN EVANSVILLE | 74 | 56 | 82 | 45 | 65 | -.3 | 2.6 | 1.6 | 1.2 | 15.7 | 127 | 25.5 | 139 | 95 | 63 | 0 | 4 | 2 | |
| FORT WAYNE | 66 | 50 | 73 | 42 | 58 | -.4 | .9 | -.2 | .9 | 11.0 | 117 | 20.0 | 149 | 90 | 46 | 0 | 1 | 1 | |
| INDIANAPOLIS | 69 | 52 | 74 | 43 | 61 | -.4 | 1.2 | -.3 | .6 | 12.1 | 117 | 18.9 | 123 | 92 | 55 | 0 | 3 | 1 | |
| SOUTH BEND | 66 | 49 | 73 | 44 | 58 | -.4 | .8 | -.2 | .8 | 12.3 | 131 | 18.3 | 133 | 93 | 51 | 0 | 2 | 1 | |
| IA DES MOINES | 65 | 51 | 71 | 42 | 58 | -.6 | 1.8 | .9 | .9 | 13.6 | 157 | 15.9 | 149 | 96 | 64 | 0 | 3 | 2 | |
| SIOUX CITY | 68 | 53 | 76 | 44 | 60 | -.4 | 3.1 | 2.2 | 2.2 | 11.2 | 164 | 11.8 | 141 | 93 | 60 | 0 | 3 | 1 | |
| WATERLOO | 64 | 48 | 69 | 40 | 56 | -.6 | .5 | -.5 | .4 | 12.3 | 134 | 13.2 | 121 | 99 | 67 | 0 | 3 | 0 | |
| KS CONCORDIA | 74 | 55 | 83 | 47 | 65 | -.1 | .8 | -.1 | .6 | 10.8 | 147 | 11.5 | 130 | 96 | 59 | 0 | 3 | 1 | |
| DODGE CITY | 80 | 55 | 94 | 46 | 68 | 1 | .1 | -.8 | .1 | 7.4 | 124 | 10.2 | 148 | 93 | 50 | 2 | 0 | 0 | |
| GOODLAND | 78 | 51 | 89 | 41 | 64 | 3 | 1 | -.6 | -.1 | 4.2 | 92 | 5.4 | 101 | 98 | 41 | 0 | 3 | 0 | |
| TOPEKA | 74 | 56 | 86 | 45 | 65 | -.2 | .4 | -.6 | .2 | 8.9 | 104 | 12.4 | 119 | 96 | 60 | 0 | 3 | 0 | |
| WICHITA | 80 | 59 | 88 | 52 | 70 | 1 | 1 | -.9 | -.1 | 4.3 | 57 | 8.3 | 90 | 99 | 53 | 0 | 2 | 0 | |
| KY BOWLING GREEN | 75 | 55 | 83 | 42 | 65 | -.4 | .2 | -.8 | -.1 | 7.5 | 57 | 19.9 | 91 | 99 | 72 | 0 | 3 | 0 | |
| LEXINGTON | 72 | 55 | 76 | 43 | 63 | -.3 | 1.0 | 0 | .7 | 8.1 | 65 | 15.7 | 82 | 93 | 57 | 0 | 5 | 1 | |
| LOUISVILLE | 74 | 57 | 79 | 45 | 66 | -.2 | 2.4 | 1.5 | 2.2 | 14.4 | 117 | 25.1 | 133 | 92 | 53 | 0 | 5 | 1 | |
| LA ALEXANDRIA | 88 | 70 | 93 | 65 | 79 | 3 | .5 | -.6 | .5 | 12.3 | 83 | 29.8 | 124 | 78 | 46 | 2 | 2 | 1 | |
| BATON ROUGE | 90 | 67 | 93 | 58 | 78 | 2 | .2 | -.8 | .2 | 10.2 | 71 | 29.5 | 123 | 93 | 46 | 5 | 1 | 0 | |
| LAKE CHARLES | 86 | 68 | 88 | 60 | 77 | 1 | 0 | -1.3 | 0 | 12.2 | 104 | 26.2 | 133 | 98 | 58 | 0 | 0 | 0 | |
| NEW ORLEANS | 87 | 69 | 91 | 62 | 78 | 2 | T | -1.1 | T | 14.9 | 111 | 37.3 | 158 | 94 | 55 | 2 | 0 | 0 | |

Based on 1951-80 normals

Weather Data for the Week Ending May 26, 1990

| 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 Mar 1 | PCT. NORMAL SINCE Mar 1 | TOTAL, IN., SINCE Jan 1 | PCT. NORMAL SINCE Jan 1 | AVERAGE | MAXIMUM | MINIMUM | TEMP. °F | | PRECIP. | |
| | | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| SHREVEPORT | 86 | 65 | 94 | 54 | 75 | 1 | 1.0 | 1.3 | 14.4 | 115 | 31.3 | 157 | 92 | 53 | 1 | 0 | 0 | 0 | | |
| ME CARIBOU | 56 | 35 | 75 | 32 | 45 | 1.9 | 1.2 | 1.3 | 7.0 | 95 | 12.2 | 103 | 86 | 47 | 0 | 1 | 3 | 1 | | |
| PORTLAND | 57 | 42 | 70 | 40 | 49 | 1.3 | 1.0 | 1.0 | 10.2 | 96 | 15.9 | 88 | 90 | 58 | 0 | 0 | 4 | 0 | | |
| MD BALTIMORE | 70 | 53 | 76 | 45 | 61 | 2.0 | 1.2 | 1.8 | 10.7 | 107 | 16.8 | 100 | 99 | 58 | 0 | 0 | 4 | 1 | | |
| SALISBURY | 70 | 50 | 80 | 41 | 60 | 1.1 | 1.1 | 1.3 | 12.0 | 112 | 19.4 | 105 | 92 | 62 | 0 | 0 | 3 | 0 | | |
| MA BOSTON | 54 | 45 | 67 | 42 | 50 | 1.7 | 1.5 | 1.5 | 11.4 | 102 | 20.9 | 107 | 87 | 71 | 0 | 0 | 3 | 0 | | |
| CRATHAM | 52 | 44 | 60 | 42 | 48 | 1.1 | 1.1 | 1.3 | 8.1 | 120 | 11.6 | 119 | 96 | 48 | 0 | 0 | 3 | 1 | | |
| MI ALPENA | 64 | 39 | 72 | 36 | 52 | 1.7 | 1.5 | 1.5 | 8.4 | 105 | 15.2 | 133 | 93 | 47 | 0 | 0 | 2 | 0 | | |
| DETROIT | 68 | 49 | 73 | 45 | 59 | 1.1 | 1.2 | 1.6 | 8.1 | 120 | 11.6 | 119 | 96 | 48 | 0 | 0 | 3 | 1 | | |
| FLINT | 67 | 47 | 73 | 40 | 57 | 1.2 | 1.4 | 1.4 | 8.4 | 105 | 15.2 | 133 | 93 | 47 | 0 | 0 | 2 | 0 | | |
| GRAND RAPIDS | 65 | 47 | 73 | 41 | 56 | 1.2 | 1.2 | 1.2 | 6.8 | 91 | 11.2 | 108 | 90 | 49 | 0 | 0 | 1 | 0 | | |
| HOUGHTON LAKE | 65 | 43 | 73 | 37 | 54 | 1.8 | 1.2 | 1.3 | 8.6 | 101 | 13.1 | 109 | 89 | 52 | 0 | 0 | 3 | 0 | | |
| LANSING | 66 | 45 | 74 | 37 | 56 | 1.1 | 1.2 | 1.7 | 5.3 | 80 | 7.9 | 84 | 87 | 43 | 0 | 0 | 2 | 1 | | |
| MARQUETTE | 62 | 38 | 66 | 36 | 50 | 1.3 | 1.3 | 1.1 | 7.1 | 98 | 11.2 | 111 | 96 | 56 | 0 | 0 | 3 | 0 | | |
| MUSKOGON | 65 | 47 | 75 | 42 | 56 | 1.1 | 1.8 | 1.1 | 8.5 | 87 | 12.2 | 89 | 90 | 51 | 0 | 0 | 2 | 0 | | |
| SAULT ST. MARIE | 67 | 42 | 74 | 39 | 55 | 1.6 | 0 | 1.5 | 10.8 | 139 | 14.9 | 126 | 94 | 49 | 0 | 0 | 4 | 0 | | |
| MN ALEXANDRIA | 65 | 47 | 72 | 39 | 56 | 1.1 | 1.7 | 1.7 | 7.5 | 111 | 12.0 | 113 | 91 | 40 | 0 | 0 | 0 | 0 | | |
| DULUTH | 60 | 42 | 64 | 37 | 51 | 1.1 | 3.3 | 3.0 | 9.1 | 157 | 9.5 | 131 | 95 | 50 | 0 | 0 | 4 | 1 | | |
| INT'L FALLS | 68 | 40 | 73 | 33 | 54 | 1.7 | 1.1 | 1.5 | 8.6 | 133 | 9.6 | 113 | 91 | 52 | 0 | 0 | 3 | 0 | | |
| MINNEAPOLIS | 67 | 50 | 75 | 42 | 58 | 1.3 | 1.3 | 1.3 | 3.7 | 80 | 4.9 | 79 | 90 | 36 | 0 | 0 | 1 | 0 | | |
| ROCHESTER | 64 | 47 | 72 | 40 | 56 | 1.7 | 0 | 1.4 | 10.9 | 174 | 11.8 | 149 | 91 | 54 | 0 | 0 | 3 | 0 | | |
| MS GREENWOOD | 82 | 61 | 88 | 51 | 71 | 2.6 | 1.2 | 1.6 | 14.6 | 205 | 15.8 | 184 | 95 | 61 | 0 | 0 | 3 | 1 | | |
| JACKSON | 84 | 60 | 91 | 52 | 72 | 2.1 | 1.1 | 1.3 | 12.1 | 76 | 25.8 | 101 | 92 | 54 | 0 | 0 | 2 | 2 | | |
| MERIDIAN | 85 | 59 | 91 | 49 | 72 | 1.7 | 1.3 | 1.7 | 11.2 | 72 | 31.7 | 128 | 98 | 56 | 2 | 0 | 2 | 1 | | |
| MO CAPE GIRARDEAU | 74 | 58 | 83 | 49 | 66 | 1.5 | 1.4 | 1.5 | 15.1 | 96 | 42.2 | 168 | 97 | 50 | 2 | 0 | 1 | 0 | | |
| COLUMBIA | 70 | 53 | 86 | 48 | 61 | 1.7 | 2.0 | 1.9 | 15.4 | 114 | 28.6 | 147 | 94 | 56 | 0 | 0 | 3 | 2 | | |
| KANSAS CITY | 72 | 56 | 85 | 49 | 64 | 1.5 | 1.5 | 1.3 | 19.9 | 180 | 25.7 | 175 | 94 | 63 | 0 | 0 | 3 | 0 | | |
| SAINT LOUIS | 73 | 58 | 85 | 49 | 64 | 1.4 | 1.6 | 1.4 | 13.7 | 143 | 17.1 | 141 | 89 | 57 | 0 | 0 | 1 | 0 | | |
| SPRINGFIELD | 75 | 57 | 86 | 52 | 65 | 1.0 | 1.2 | 1.6 | 14.9 | 152 | 19.8 | 146 | 85 | 57 | 0 | 0 | 3 | 1 | | |
| MT BILLINGS | 70 | 46 | 74 | 45 | 58 | 2.2 | 1.2 | 1.0 | 22.3 | 201 | 33.2 | 224 | 92 | 56 | 0 | 0 | 3 | 2 | | |
| GLASGOW | 71 | 49 | 79 | 45 | 58 | 1.6 | 1.1 | 1.5 | 6.4 | 129 | 7.2 | 109 | 82 | 35 | 0 | 0 | 3 | 0 | | |
| GREAT FALLS | 63 | 39 | 73 | 34 | 51 | 1.3 | 1.2 | 1.7 | 2.1 | 76 | 2.1 | 73 | 82 | 37 | 0 | 0 | 2 | 0 | | |
| HAVRE | 67 | 43 | 77 | 34 | 51 | 1.6 | 1.0 | 1.2 | 4.9 | 110 | 5.3 | 87 | 83 | 44 | 0 | 0 | 5 | 1 | | |
| HELENA | 64 | 40 | 75 | 33 | 55 | 1.6 | 1.1 | 1.3 | 2.1 | 69 | 2.2 | 52 | 89 | 43 | 0 | 0 | 4 | 0 | | |
| KALISPELL | 60 | 42 | 71 | 37 | 51 | 1.7 | 1.3 | 1.4 | 2.7 | 85 | 3.3 | 78 | 84 | 39 | 0 | 0 | 2 | 0 | | |
| MILES CITY | 72 | 50 | 80 | 44 | 61 | 1.5 | 1.5 | 1.4 | 5.4 | 165 | 8.1 | 136 | 93 | 56 | 0 | 0 | 5 | 2 | | |
| MISSOULA | 63 | 39 | 74 | 32 | 51 | 1.3 | 1.3 | 1.5 | 3.7 | 96 | 3.8 | 76 | 82 | 36 | 0 | 0 | 1 | 1 | | |
| NE GRAND ISLAND | 72 | 53 | 82 | 41 | 63 | 1.9 | 1.9 | 1.7 | 4.8 | 153 | 5.9 | 112 | 92 | 45 | 0 | 1 | 5 | 1 | | |
| LINCOLN | 73 | 54 | 80 | 47 | 63 | 1.5 | 1.4 | 1.4 | 7.3 | 102 | 8.1 | 96 | 96 | 60 | 0 | 0 | 3 | 0 | | |
| NORFOLK | 71 | 52 | 78 | 43 | 63 | 1.6 | 1.3 | 1.6 | 8.2 | 103 | 8.9 | 92 | 95 | 61 | 0 | 0 | 3 | 1 | | |
| NORTH PLATTE | 74 | 52 | 83 | 43 | 63 | 1.4 | 1.6 | 1.3 | 6.3 | 94 | 7.4 | 93 | 96 | 58 | 0 | 0 | 2 | 0 | | |
| OMAHA | 68 | 53 | 75 | 44 | 61 | 1.9 | 1.1 | 1.9 | 6.4 | 113 | 6.8 | 104 | 96 | 46 | 0 | 0 | 2 | 1 | | |
| SCOTTSSBLUFF | 76 | 45 | 80 | 40 | 61 | 1.0 | 1.0 | 1.4 | 7.6 | 90 | 8.7 | 86 | 93 | 64 | 0 | 0 | 3 | 0 | | |
| VALENTINE | 73 | 50 | 86 | 39 | 61 | 1.1 | 1.1 | 1.4 | 5.4 | 107 | 5.9 | 102 | 95 | 47 | 0 | 0 | 3 | 1 | | |
| NV ELY | 71 | 36 | 78 | 24 | 54 | 1.1 | 1.1 | 1.1 | 2.3 | 84 | 4.2 | 102 | 61 | 15 | 0 | 3 | 1 | 0 | | |
| LAS VEGAS | 90 | 64 | 94 | 54 | 77 | 1 | 0 | 0 | 2 | 23 | 1.7 | 103 | 30 | 11 | 4 | 0 | 0 | 0 | | |
| RENO | 68 | 45 | 74 | 37 | 56 | 1 | 1 | 1 | 4 | 22 | 3.0 | 76 | 64 | 27 | 0 | 0 | 0 | 0 | | |
| WINNEMUCCA | 68 | 41 | 77 | 35 | 54 | 1.3 | 1.3 | 1.5 | 2.5 | 118 | 3.4 | 94 | 80 | 25 | 0 | 0 | 0 | 0 | | |
| NH CONCORD | 61 | 38 | 76 | 31 | 49 | 1.8 | 1.6 | 1.6 | 8.7 | 103 | 14.1 | 103 | 97 | 49 | 0 | 1 | 2 | 0 | | |
| NJ ATLANTIC CITY | 64 | 48 | 75 | 42 | 56 | 1.6 | 1.6 | 1.7 | 9.5 | 97 | 13.2 | 79 | 97 | 50 | 0 | 0 | 2 | 1 | | |
| NM ALBUQUERQUE | 86 | 53 | 90 | 46 | 69 | 2 | 0 | 0 | 2.6 | 202 | 3.2 | 160 | 31 | 9 | 1 | 0 | 0 | 1 | | |
| CLOVIS | 87 | 58 | 92 | 54 | 72 | 5 | 5 | 5 | 1.5 | 48 | 3.6 | 93 | 64 | 15 | 3 | 0 | 0 | 0 | | |
| ROSWELL | 96 | 62 | 100 | 54 | 79 | 8 | 8 | 8 | 1.8 | 130 | 2.4 | 110 | 44 | 11 | 6 | 0 | 0 | 0 | | |
| NY ALBANY | 63 | 43 | 79 | 37 | 53 | 1.2 | 1.2 | 1.4 | 13.1 | 152 | 20.9 | 158 | 91 | 52 | 0 | 0 | 3 | 1 | | |
| BINGHAMTON | 60 | 43 | 70 | 39 | 51 | 1.6 | 1.7 | 1.5 | 9.0 | 103 | 15.6 | 116 | 92 | 56 | 0 | 0 | 2 | 1 | | |
| BUFFALO | 65 | 46 | 76 | 36 | 55 | 1.3 | 1.3 | 1.4 | 12.3 | 145 | 20.9 | 151 | 95 | 54 | 0 | 0 | 2 | 0 | | |
| NEW YORK | 65 | 51 | 78 | 48 | 58 | 1.6 | 1.6 | 1.1 | 13.7 | 128 | 19.4 | 115 | 84 | 43 | 0 | 0 | 2 | 0 | | |
| ROCHESTER | 64 | 45 | 74 | 34 | 54 | 1.5 | 1.7 | 1.1 | 10.5 | 144 | 16.0 | 135 | 95 | 52 | 0 | 0 | 2 | 0 | | |
| SYRACUSE | 64 | 41 | 75 | 35 | 53 | 1.7 | 1.7 | 1.5 | 12.6 | 140 | 18.7 | 131 | 96 | 47 | 0 | 0 | 2 | 1 | | |
| NC ASHEVILLE | 75 | 54 | 81 | 48 | 64 | 1.1 | 1.1 | 1.2 | 11.2 | 96 | 22.5 | 125 | 97 | 53 | 0 | 0 | 3 | 0 | | |
| CHARLOTTE | 79 | 60 | 86 | 52 | 70 | 1 | 1 | 1 | 7.2 | 65 | 16.7 | 90 | 83 | 50 | 0 | 0 | 2 | 0 | | |
| GREENSBORO | 75 | 57 | 85 | 48 | 66 | 1.6 | 1.6 | 1.2 | 10.6 | 108 | 18.7 | 112 | 92 | 59 | 0 | 0 | 5 | 1 | | |
| HATTERAS | 74 | 58 | 81 | 47 | 66 | 1.3 | 1.2 | 1.6 | 15.5 | 148 | 24.3 | 125 | 94 | 59 | 0 | 0 | 4 | 1 | | |
| NEW BERN | 79 | 58 | 86 | 51 | 68 | 1.3 | 1.9 | 1.5 | 16.9 | 165 | 22.3 | 122 | 95 | 52 | 0 | 0 | 3 | 2 | | |
| RALPHIGH | 77 | 56 | 87 | 47 | 67 | 1.2 | 1.2 | 1.6 | 11.9 | 124 | 18.8 | 114 | 91 | 50 | 0 | 0 | 4 | 1 | | |
| WILMINGTON | 80 | 58 | 87 | 53 | 69 | 1.3 | 1.3 | 1.5 | 12.5 | 120 | 17.1 | 98 | 94 | 51 | 0 | 0 | 4 | 1 | | |
| ND BISMARCK | 74 | 48 | 81 | 42 | 61 | 1.4 | 1.4 | 1.5 | 2.6 | 65 | 3.1 | 62 | 90 | 36 | 0 | 0 | 2 | 1 | | |
| FARGO | 70 | 48 | 78 | 37 | 59 | 1 | 1 | 1 | 4.8 | 107 | 5.4 | 99 | 87 | 44 | 0 | 0 | 3 | 1 | | |
| GRAND FORKS | 71 | 47 | 77 | 37 | 59 | 2 | 1 | 1 | 4.8 | 131 | 5.2 | 106 | 86 | 40 | 0 | 0 | 2 | 0 | | |
| WILLISTON | 70 | 48 | 80 | 40 | 59 | 2 | 1 | 1 | 3.1 | 94 | 3.5 | 82 | 85 | 40 | 0 | 0 | 1 | 1 | | |
| OH AKRON-CANTON | 67 | 47 | 71 | 40 | 57 | 1.4 | 1.0 | 1.2 | 8 | 124 | 18.9 | 133 | 95 | 46 | 0 | 0 | 3 | 1 | | |
| CINCINNATI | 72 | 55 | 76 | 47 | 63 | 1.2 | 1.0 | 1.1 | 14.3 | 134 | 22.7 | 138 | 91 | 51 | 0 | 0 | 5 | 0 | | |
| CLEVELAND | 67 | 47 | 77 | 41 | 57 | 1.4 | 1.1 | 1.5 | 10.7 | 118 | 17.7 | 130 | 96 | 46 | 0 | 0 | 3 | 0 | | |
| COLUMBUS | 68 | 52 | 76 | 42 | 60 | 1.4 | 1.2 | 1.5 | 10.1 | 104 | 17.7 | 121 | 96 | 48 | 0 | 0 | 3 | 1 | | |

Based on 1951-80 normals

Weather Data for the Week Ending May 26, 1990

| 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 Mar 1 | PCT. NORMAL SINCE Mar 1 | TOTAL, IN., SINCE Jan 1 | PCT. NORMAL SINCE Jan 1 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | TEMP. °F | | PRECIP. | |
| | | | | | | | | | | | | | | | | | | .01 INCH OR MORE | .50 INCH OR MORE | | |
| DAYTON | 67 | 51 | 76 | 43 | 59 | -5 | .7 | -.2 | .4 | 14.4 | 150 | 22.4 | 158 | 92 | 54 | 0 | 0 | 3 | 0 | | |
| TOLEDO | 48 | 77 | 40 | 58 | 58 | | .6 | -.1 | .6 | 10.2 | 128 | 17.8 | 151 | 95 | 49 | 0 | 0 | 1 | 1 | | |
| YOUNGSTOWN | 67 | 44 | 73 | 36 | 56 | 1.4 | .7 | 0 | .4 | 8.1 | 86 | 14.7 | 103 | 96 | 47 | 0 | 0 | 3 | 0 | | |
| OK OKLAHOMA CITY | 87 | 62 | 94 | 58 | 75 | 4 | .9 | -.3 | .9 | 14.0 | 148 | 20.5 | 174 | 86 | 42 | 3 | 0 | 2 | 1 | | |
| TULSA | 82 | 63 | 91 | 56 | 72 | 1 | 1 | -.1 | 1 | 16.0 | 139 | 23.1 | 158 | 88 | 55 | 1 | 0 | 1 | 0 | | |
| OR ASTORIA | 60 | 46 | 63 | 39 | 53 | 0 | 2.5 | 1.9 | 1.4 | 12.6 | 87 | 40.6 | 123 | 95 | 57 | 0 | 0 | 5 | 2 | | |
| BURNS | 58 | 36 | 65 | 24 | 47 | -.7 | 1.0 | .2 | 2 | 1.2 | 52 | 2.3 | 47 | 87 | 39 | 0 | 2 | 3 | 0 | | |
| MEDFORD | 64 | 46 | 72 | 42 | 55 | 1.4 | 1.4 | .8 | 2 | 3.4 | 87 | 7.4 | 79 | 92 | 45 | 0 | 0 | 7 | 1 | | |
| PENDLETON | 66 | 46 | 74 | 41 | 56 | 1.4 | .5 | .3 | 3 | 3.2 | 109 | 4.3 | 74 | 79 | 39 | 0 | 0 | 4 | 0 | | |
| PORTLAND | 65 | 49 | 71 | 43 | 57 | 1.4 | .6 | .2 | 3 | 5.9 | 78 | 17.3 | 98 | 96 | 54 | 0 | 0 | 6 | 0 | | |
| SALEM | 64 | 46 | 70 | 35 | 55 | 1.1 | 1.4 | .2 | 3 | 5.5 | 67 | 19.3 | 97 | 94 | 51 | 0 | 0 | 6 | 0 | | |
| PA ALLENTOWN | 65 | 48 | 75 | 43 | 57 | 1.6 | .3 | -.5 | 2 | 7.6 | 71 | 14.5 | 85 | 81 | 48 | 0 | 0 | 3 | 0 | | |
| ERIE | 65 | 47 | 75 | 40 | 56 | 1.6 | 1 | -.1 | 1 | 9.8 | 109 | 17.8 | 132 | 94 | 52 | 0 | 0 | 1 | 0 | | |
| HARRISBURG | 66 | 50 | 74 | 42 | 58 | 1.6 | 1.3 | -.4 | 4 | 9.4 | 96 | 16.4 | 106 | 95 | 54 | 0 | 0 | 5 | 1 | | |
| PHILADELPHIA | 67 | 51 | 76 | 46 | 59 | 1.6 | .7 | -.1 | 5 | 9.6 | 97 | 15.1 | 95 | 96 | 49 | 0 | 0 | 3 | 0 | | |
| PITTSBURGH | 68 | 51 | 73 | 45 | 60 | 1.6 | 2.1 | 1.3 | 13 | 10.2 | 104 | 16.8 | 112 | 90 | 42 | 0 | 0 | 3 | 2 | | |
| SCRANTON | 63 | 44 | 74 | 40 | 54 | 1.7 | .3 | -.4 | 3 | 8.0 | 97 | 14.5 | 116 | 92 | 48 | 0 | 0 | 3 | 0 | | |
| RI PROVIDENCE | 59 | 43 | 71 | 40 | 51 | 1.9 | .5 | -.3 | 4 | 12.1 | 108 | 20.0 | 106 | 94 | 58 | 0 | 0 | 2 | 0 | | |
| SC CHARLESTON | 84 | 63 | 90 | 54 | 74 | 0 | 1 | -.1 | 1 | 9.4 | 90 | 15.1 | 88 | 85 | 45 | 1 | 0 | 1 | 0 | | |
| COLUMBIA | 85 | 59 | 91 | 51 | 72 | 1 | 1 | -.8 | 1 | 6.2 | 52 | 11.2 | 55 | 87 | 41 | 2 | 0 | 1 | 0 | | |
| FLORENCE | 83 | 58 | 90 | 51 | 71 | 1 | 1 | -.7 | 1 | 5.9 | 60 | 8.7 | 52 | 81 | 45 | 1 | 0 | 1 | 0 | | |
| GREENVILLE | 80 | 57 | 85 | 46 | 69 | 1.2 | .4 | -.4 | 4 | 11.0 | 81 | 21.3 | 96 | 94 | 51 | 0 | 0 | 2 | 0 | | |
| SD ABERDEEN | 70 | 50 | 81 | 38 | 60 | 1 | 1 | -.5 | 1 | 4.1 | 82 | 4.6 | 75 | 96 | 50 | 0 | 0 | 2 | 0 | | |
| HURON | 71 | 53 | 79 | 43 | 62 | 2 | 1.2 | -.6 | 1 | 9.3 | 172 | 9.9 | 152 | 92 | 54 | 0 | 0 | 2 | 1 | | |
| RAPID CITY | 72 | 49 | 79 | 45 | 60 | 2 | 2.5 | 1.8 | 10 | 5.5 | 109 | 6.1 | 101 | 93 | 45 | 0 | 0 | 4 | 2 | | |
| SIOUX FALLS | 69 | 52 | 75 | 43 | 60 | 0 | .5 | -.3 | 5 | 7.5 | 115 | 7.9 | 99 | 94 | 57 | 0 | 0 | 3 | 0 | | |
| TN CHATTANOOGA | 77 | 59 | 86 | 51 | 68 | 1 | .5 | -.4 | 3 | 17.6 | 124 | 34.8 | 144 | 94 | 55 | 0 | 0 | 2 | 0 | | |
| KNOXVILLE | 76 | 57 | 83 | 49 | 67 | 1 | .6 | -.3 | 4 | 12.4 | 100 | 25.1 | 119 | 95 | 57 | 0 | 0 | 4 | 0 | | |
| MEMPHIS | 80 | 61 | 87 | 50 | 70 | 1 | 1.2 | -.2 | 9 | 16.8 | 109 | 29.8 | 122 | 87 | 54 | 0 | 0 | 2 | 1 | | |
| NASHVILLE | 77 | 59 | 85 | 51 | 68 | 1 | .6 | -.4 | 4 | 7.5 | 54 | 15.0 | 67 | 89 | 58 | 0 | 0 | 2 | 0 | | |
| TX ABILENE | 92 | 67 | 98 | 57 | 79 | 5 | 0 | -.7 | 0 | 12.1 | 196 | 16.4 | 201 | 78 | 32 | 3 | 0 | 0 | 0 | | |
| AMARILLO | 88 | 57 | 95 | 49 | 73 | 5 | 1 | -.7 | 0 | 4.7 | 114 | 7.5 | 146 | 86 | 17 | 4 | 0 | 0 | 0 | | |
| AUSTIN | 91 | 73 | 93 | 67 | 82 | 5 | .1 | -.9 | 1 | 8.3 | 100 | 13.2 | 107 | 94 | 54 | 6 | 0 | 1 | 0 | | |
| BEAUMONT | 88 | 70 | 91 | 63 | 79 | 0 | 0 | -.1 | 0 | 17.6 | 155 | 33.7 | 171 | 94 | 60 | 1 | 0 | 0 | 0 | | |
| BROWNSVILLE | 92 | 75 | 95 | 72 | 84 | 3 | 1.2 | -.7 | 1 | 5.1 | 134 | 6.2 | 95 | 95 | 56 | 7 | 0 | 1 | 1 | | |
| CORPUS CHRISTI | 90 | 74 | 94 | 70 | 82 | 3 | 1 | -.8 | 1 | 7.6 | 141 | 12.0 | 142 | 99 | 61 | 3 | 0 | 1 | 0 | | |
| DEL RIO | 91 | 71 | 94 | 66 | 81 | 2 | .3 | -.1 | 3 | 10.1 | 241 | 11.9 | 214 | 81 | 44 | 5 | 0 | 1 | 0 | | |
| EL PASO | 94 | 64 | 98 | 52 | 79 | 5 | 0 | -.1 | 0 | .8 | 115 | 1.2 | 82 | 32 | 13 | 6 | 0 | 0 | 0 | | |
| FORT WORTH | 88 | 68 | 92 | 60 | 78 | 3 | .5 | -.5 | 5 | 19.9 | 195 | 29.1 | 212 | 91 | 49 | 3 | 0 | 1 | 0 | | |
| GALVESTON | 85 | 75 | 87 | 69 | 81 | 3 | .1 | -.6 | 1 | 11.1 | 147 | 18.2 | 142 | 87 | 69 | 0 | 0 | 1 | 0 | | |
| HOUSTON | 90 | 71 | 94 | 64 | 81 | 4 | 1 | -.1 | 1 | 13.0 | 126 | 21.6 | 126 | 92 | 52 | 5 | 0 | 1 | 0 | | |
| LUBBOCK | 93 | 62 | 100 | 54 | 78 | 7 | 1 | -.6 | 1 | 3.3 | 81 | 5.8 | 116 | 71 | 15 | 5 | 0 | 1 | 0 | | |
| MIDLAND | 96 | 66 | 105 | 52 | 81 | 7 | 1 | -.5 | 1 | 3.1 | 104 | 4.4 | 111 | 62 | 15 | 6 | 0 | 0 | 0 | | |
| SAN ANGELO | 93 | 67 | 98 | 59 | 80 | 4 | .1 | -.5 | 1 | 7.1 | 155 | 10.4 | 171 | 85 | 34 | 5 | 0 | 1 | 0 | | |
| SAN ANTONIO | 93 | 73 | 95 | 69 | 83 | 6 | .6 | -.3 | 6 | 13.0 | 183 | 16.8 | 161 | 93 | 47 | 6 | 0 | 1 | 1 | | |
| VICTORIA | 90 | 72 | 95 | 68 | 81 | 3 | .1 | -.9 | 1 | 7.8 | 103 | 11.6 | 99 | 96 | 58 | 4 | 0 | 1 | 0 | | |
| WACO | 91 | 69 | 93 | 62 | 80 | 4 | 1 | -.0 | 1 | 14.2 | 145 | 19.8 | 147 | 90 | 48 | 5 | 0 | 1 | 0 | | |
| WICHITA FALLS | 92 | 65 | 102 | 57 | 79 | 5 | 1 | -.0 | 1 | 16.7 | 198 | 23.6 | 228 | 86 | 37 | 4 | 0 | 0 | 0 | | |
| UT CEDAR CITY | 75 | 44 | 80 | 34 | 60 | 1 | 0 | -.2 | 0 | 2.7 | 96 | 5.4 | 129 | 41 | 13 | 0 | 0 | 1 | 0 | | |
| SALT LAKE CITY | 76 | 47 | 87 | 38 | 62 | 1 | 1 | -.3 | 1 | 4.1 | 78 | 5.0 | 64 | 70 | 20 | 0 | 0 | 1 | 0 | | |
| VT BURLINGTON | 61 | 39 | 76 | 33 | 50 | -.8 | .5 | -.2 | 4 | 7.7 | 105 | 12.9 | 119 | 95 | 47 | 0 | 0 | 3 | 0 | | |
| VA NORFOLK | 75 | 56 | 87 | 52 | 66 | -.3 | 1.3 | -.4 | 7 | 9.7 | 100 | 15.9 | 95 | 92 | 50 | 0 | 0 | 6 | 1 | | |
| RICHMOND | 77 | 54 | 84 | 45 | 65 | -.3 | 3.3 | 2.5 | 1.5 | 10.3 | 110 | 15.6 | 99 | 91 | 47 | 0 | 0 | 4 | 3 | | |
| ROANOKE | 74 | 54 | 86 | 47 | 65 | -.2 | 3.6 | 2.8 | 1.7 | 10.3 | 106 | 15.4 | 98 | 98 | 50 | 0 | 0 | 4 | 3 | | |
| WA QUILLAYUTE | 60 | 43 | 61 | 37 | 52 | -.1 | 1.5 | -.5 | 7 | 17.1 | 72 | 50.0 | 100 | 97 | 56 | 0 | 0 | 5 | 2 | | |
| SEATTLE-TACOMA | 63 | 47 | 67 | 43 | 55 | -.2 | .3 | -.1 | 2 | 6.0 | 82 | 19.2 | 110 | 94 | 51 | 0 | 0 | 3 | 0 | | |
| SPOKANE | 63 | 45 | 73 | 41 | 54 | -.2 | 1.0 | -.7 | 6 | 4.6 | 130 | 8.1 | 106 | 91 | 46 | 0 | 0 | 3 | 1 | | |
| YAKIMA | 65 | 43 | 72 | 34 | 54 | -.5 | .6 | -.4 | 3 | .9 | 64 | 2.6 | 71 | 91 | 41 | 0 | 0 | 4 | 0 | | |
| WV BECKLEY | 69 | 53 | 78 | 43 | 61 | -.1 | 2.0 | 1.1 | 7 | 8.7 | 83 | 16.3 | 96 | 97 | 57 | 0 | 0 | 4 | 3 | | |
| CHARLESTON | 72 | 55 | 82 | 50 | 64 | -.2 | 2.2 | 1.4 | 7 | 8.6 | 81 | 15.2 | 89 | 99 | 53 | 0 | 0 | 4 | 2 | | |
| HUNTINGTON | 72 | 55 | 80 | 46 | 64 | -.3 | 2.0 | 1.1 | 7 | 10.1 | 93 | 16.6 | 99 | 96 | 54 | 0 | 0 | 5 | 2 | | |
| PARKERSBURG | 71 | 52 | 77 | 42 | 61 | -.4 | 2.9 | 2.1 | 2.5 | 10.8 | 110 | 17.2 | 113 | 99 | 59 | 0 | 0 | 5 | 1 | | |
| WI GREEN BAY | 64 | 46 | 69 | 42 | 55 | -.2 | .1 | -.7 | 1 | 8.5 | 119 | 9.8 | 104 | 95 | 54 | 0 | 0 | 1 | 0 | | |
| LACROSSE | 66 | 49 | 73 | 40 | 58 | -.4 | .1 | -.8 | 1 | 9.3 | 118 | 10.7 | 111 | 98 | 57 | 0 | 0 | 1 | 0 | | |
| MADISON | 64 | 46 | 69 | 35 | 55 | -.5 | .2 | -.5 | 1 | 11.1 | 139 | 13.6 | 136 | 95 | 60 | 0 | 0 | 2 | 0 | | |
| MILWAUKEE | 58 | 46 | 67 | 43 | 52 | -.5 | .3 | -.3 | 3 | 12.9 | 159 | 17.4 | 157 | 93 | 59 | 0 | 0 | 1 | 0 | | |
| WAUSAU | 66 | 45 | 71 | 37 | 56 | -.2 | 1 | -.9 | 1 | 8.5 | 108 | 10.0 | 103 | 95 | 48 | 0 | 0 | 1 | 0 | | |
| WY CASPER | 74 | 39 | 82 | 32 | 56 | 2 | 1 | -.5 | 1 | 3.5 | 83 | 4.5 | 85 | 82 | 22 | 0 | 1 | 0 | 0 | | |
| CHRYSENNE | 71 | 43 | 80 | 36 | 57 | 2 | .3 | -.3 | 2 | 6.5 | 155 | 7.6 | 152 | 87 | 32 | 0 | 0 | 2 | 0 | | |
| LANDER | 73 | 42 | 82 | 37 | 57 | 3 | 1 | -.6 | 1 | 3.8 | 67 | 3.9 | 58 | 61 | 18 | 0 | 0 | 0 | 0 | | |
| SHERIDAN | 71 | 41 | 76 | 33 | 56 | 1 | .1 | -.5 | 1 | 4.2 | 83 | 5.6 | 85 | 86 | 37 | 0 | 0 | 1 | 0 | | |

Based on 1951-80 normals

National Agricultural Summary

May 21-27, 1990

HIGHLIGHTS: Rain and wet field conditions continued to slow row crop plantings in the Corn Belt and portions of the Delta. Soil moisture was surplus or surplus to adequate in Iowa, Illinois, Indiana, Missouri, Arkansas, and Kentucky. Soil moisture was short to adequate in the northern Great Plains and mostly adequate in the central and southern Great Plains. Rain improved small grain and pasture conditions in the Pacific Northwest, but additional moisture was needed. Soil moisture was adequate in the East except in Georgia and South Carolina, where rain was needed. Beneficial rains fell in some of Florida's citrus and vegetable producing areas.

SMALL GRAINS: Winter wheat was mostly good to fair with 75 percent (%) of the acreage heading, 1 percentage point behind the 5-year average. Heading lagged behind normal in Colorado, Nebraska, South Dakota, Missouri, and Ohio but was near or ahead of normal elsewhere. In Kansas, 99% of the acreage was heading, 9 points ahead of normal. Crop condition was good to excellent and some fields were beginning to turn color. In Oklahoma, winter wheat was mostly good and harvest was underway. Harvest continued in central and southern Texas and was beginning in the Cross Timbers and Low Plains areas. Crop condition was fair to good. Additional moisture was needed in the High Plains area. Winter wheat was good to fair in Colorado, Nebraska, and South Dakota. Russian wheat aphids were a continuing problem in western Nebraska. Continued wet weather was causing disease problems in Arkansas and Missouri. Crop condition was fair to poor in Arkansas. Harvest was underway. Crop condition was good to fair in the Pacific Northwest. Rain improved winter wheat in portions of eastern Oregon and Washington. In the Corn Belt, winter wheat was good to fair. Cool, wet weather was causing some disease problems in Ohio. Harvest was 25% complete in Georgia.

Spring wheat was good to fair with 89% of the acreage emerged, 5 points ahead of normal. In North Dakota, spring wheat was good to fair with 88% of the acreage emerged, 6 points ahead of normal.

CORN: Corn planting was 81% complete, 13 points behind normal. Rain and wet field conditions slowed planting in most of the Corn Belt. Planting lagged more than 20 points behind normal in Illinois, Indiana, Kentucky, and Missouri. In Missouri, planting was only 50% complete, 47 points behind normal. In Illinois, planting lagged 28 points behind the 99% average. Condition of the emerged crop was fair to good. Some replanting may be necessary. Iowa's crop was mostly fair to good and planting was 87% complete, 11 points behind normal. Nebraska's crop was good to fair, but excess moisture was causing some yellowing in the east. In Texas, fields were silking in the Rio Grande Valley and coastal areas.

SOYBEANS: Soybean planting was 26% complete, 34 points behind normal. Rain and wet field conditions slowed planting in the Corn Belt and portions of the Delta. Planting lagged more than 45 points behind normal in Illinois, Iowa, and Missouri and lagged 38 points in Indiana and Nebraska. Planting was near or ahead of normal in Louisiana, Mississippi, and the Southeast.

COTTON: Cotton planting was 83% complete, 7 points ahead of normal. Planting continued to lag behind normal in Arkansas, Missouri, and Tennessee but was near or ahead of normal elsewhere. In Texas, planting was 74% complete, 18 points ahead of normal. Fields were setting bolls in the Rio Grande Valley and Coastal Bend area. Crusting slowed emergence in the Plains. In Mississippi,

cotton was mostly fair to good and planting was 95% complete, 2 points ahead of normal. Fields were beginning to square in Alabama and Georgia. Some replanting was necessary in Louisiana and Arkansas.

SORGHUM: Sorghum planting was 42% complete, 11 points behind normal. Planting lagged behind normal in Arkansas, Illinois, Missouri, and Nebraska. In Nebraska, planting was 18% complete, 45 points behind normal. Planting lagged 55 points behind normal in Illinois and Missouri. In Texas, planting was 79% complete, 6 points ahead of normal. Fields were heading in the coastal and southern areas of Texas. Planting was 30% complete, equal to the average in Kansas.

OTHER FIELD CROPS: Rice seeding was 83% complete, 13 points behind normal. Rice was mostly good to fair with 65% of the crop emerged, 19 points behind normal. In Arkansas, wet field conditions have forced some aerial seeding. Arkansas' seeding was 67% complete, 27 points behind normal. In Georgia, peanuts were good to fair and planting was nearly complete. Alabama's peanuts were in good to excellent condition. Peanut planting lagged behind normal in Oklahoma and Texas. Tobacco transplanting continued in Tennessee and Kentucky. Tobacco was in good to fair condition in North Carolina.

FRUIT AND NUTS: Heavy rains benefited portions of Florida's citrus producing area. New crop fruit continued to size well. Peach harvest continued in Alabama, Louisiana, Georgia, Mississippi, and South Carolina. Peaches were in good to excellent condition in Arkansas. Early variety peach harvest was active in Texas. In central Arizona, peach, apricot, and nectarine harvests were complete. Rain slowed the cherry harvest and caused some splitting in California, Oregon, and Washington. In California, the navel orange harvest was nearly complete.

VEGETABLES: Warm temperatures dominated Florida's vegetable producing areas. Harvest activity continued to increase in the northern areas. Tomato harvest began in the Quincy area. Onion harvest was complete in Georgia. Watermelons were in good condition in South Carolina. Louisiana's vegetables were good to fair. Sweetpotato planting lagged behind normal. In Texas, cantaloupe and honeydew melon harvests were nearly complete in the Rio Grande Valley. Scattered showers slowed onion harvest in the San Antonio-Winter Garden area. Watermelon harvest began in Arizona. Broccoli and cauliflower supplies were heavy in the Salinas area of California. Cool, wet weather slowed potato planting in Klamath County, Oregon. Potato planting was nearly complete in Idaho.

PASTURES AND LIVESTOCK: Pastures were good or good to excellent in the East and good to fair in most of the Great Plains. In North Dakota, rain improved pastures but condition was still mostly poor to fair. Rain also improved pastures somewhat in eastern Oregon and Washington, but additional moisture was needed. In central Washington, some supplemental feeding was still necessary.

Crop Progress

FOR WEEK ENDING MAY 27, 1990

| | CORN % PLANTED | | |
|----|-------------------|------|------|
| | 1990 | 1989 | AVG. |
| CO | 93 | 91 | 95 |
| GA | 100 | 100 | 100 |
| IL | 71 | 97 | 99 |
| IN | 71 | 72 | 92 |
| IA | 87 | 100 | 98 |
| KS | 96 | 95 | 90 |
| KY | 57 | 84 | 90 |
| MI | 80 | 95 | 95 |
| MN | 92 | 91 | 91 |
| MO | 50 | 99 | 97 |
| NE | 92 | 98 | 97 |
| NC | 99 | 80 | 95 |
| OH | 85 | 30 | 85 |
| PA | 64 | 34 | 69 |
| SD | 84 | 89 | 76 |
| TX | 100 | 100 | 100 |
| WI | 74 | 91 | 91 |

17 STATES 81 89 94

THESE 17 STATES PRODUCED 95%
OF THE 1989 CORN CROP.

| | GRAIN SORGHUM % PLANTED | | |
|----|----------------------------|------|------|
| | 1990 | 1989 | AVG. |
| AR | 59 | 89 | 90 |
| CO | 19 | 20 | 33 |
| IL | 4 | 53 | 59 |
| KS | 30 | 25 | 30 |
| LA | 91 | 80 | 88 |
| MS | 78 | 73 | 82 |
| MO | 12 | 71 | 67 |
| NE | 18 | 60 | 63 |
| NM | 62 | NA | NA |
| OK | 25 | 22 | 30 |
| SD | 18 | 36 | 27 |
| TX | 79 | 73 | 73 |

12 STATES 42 NA NA

EXCL. STATES
WITH NA 42 50 53

THESE 12 STATES PRODUCED 98%
OF THE 1989 GRAIN SORGHUM CROP.

NA - NOT AVAILABLE.

| | SOYBEANS % PLANTED | | |
|----|-----------------------|------|------|
| | 1990 | 1989 | AVG. |
| AL | 37 | 46 | 43 |
| AR | 9 | 27 | 33 |
| GA | 42 | 48 | 46 |
| IL | 17 | 73 | 81 |
| IN | 24 | 31 | 62 |
| IA | 26 | 88 | 78 |
| KS | 30 | 25 | 35 |
| KY | 10 | 33 | 36 |
| LA | 54 | 32 | 45 |
| MI | 35 | 60 | 55 |
| MN | 48 | 75 | 74 |
| MS | 26 | 19 | 34 |
| MO | 6 | 52 | 52 |
| NE | 27 | 73 | 65 |
| NC | 40 | 19 | 32 |
| OH | 36 | 8 | 62 |
| SC | 40 | 23 | 29 |
| SD | 29 | 63 | 46 |
| TN | 8 | 32 | 34 |

19 STATES 26 53 60

THESE 19 STATES PRODUCED 95%
OF THE 1989 SOYBEANS CROP.

| | COTTON % PLANTED | | |
|----|---------------------|------|------|
| | 1990 | 1989 | AVG. |
| AL | 92 | 99 | 96 |
| AZ | 100 | 100 | 99 |
| AR | 89 | 88 | 96 |
| CA | 100 | 100 | 100 |
| GA | 92 | 89 | 89 |
| LA | 100 | 81 | 92 |
| MS | 95 | 76 | 93 |
| MO | 80 | 99 | 99 |
| NM | 93 | 100 | 94 |
| NC | 99 | 73 | 88 |
| OK | 45 | 40 | 35 |
| SC | 93 | 83 | 94 |
| TN | 74 | 98 | 96 |
| TX | 74 | 53 | 56 |

14 STATES 83 72 76

THESE 14 STATES PRODUCED 99%
OF THE 1989 COTTON CROP.

WINTER WHEAT
% HEADED

| | 1990 | 1989 | AVG. |
|----|------|------|------|
| AR | 100 | 100 | 100 |
| CA | 99 | 99 | 99 |
| CO | 39 | 51 | 62 |
| GA | 100 | 100 | 100 |
| ID | 6 | 4 | 4 |
| IL | 90 | 90 | 94 |
| IN | 71 | 59 | 75 |
| KS | 99 | 95 | 90 |
| MI | 5 | 3 | 10 |
| MD | 86 | 98 | 98 |
| MT | 0 | 0 | 0 |
| NE | 40 | 56 | 66 |
| NC | 100 | 98 | NA |
| OH | 40 | 14 | 57 |
| OK | 98 | 100 | 98 |
| OR | 70 | 48 | 46 |
| SD | 5 | 11 | 22 |
| TX | 96 | 96 | 97 |
| WA | 28 | 16 | 20 |

19 STATES 75 75 NA

EXCL. STATES WITH NA 75 74 76

THESE 19 STATES PRODUCED 88% OF THE 1989 WINTER WHEAT CROP.

NA - NOT AVAILABLE.

SPRING WHEAT
% EMERGED

| | 1990 | 1989 | AVG. |
|----|------|------|------|
| ID | 97 | 96 | 90 |
| MN | 92 | 100 | 86 |
| MT | 80 | 61 | 79 |
| ND | 88 | 79 | 82 |
| SD | 100 | 97 | 94 |

5 STATES 89 81 84

THESE 5 STATES PRODUCED 89% OF THE 1989 SPRING WHEAT CROP.

RICE
% PLANTED

| | 1990 | 1989 | AVG. |
|----|------|------|------|
| AR | 67 | 93 | 94 |
| CA | 95 | 95 | 94 |
| LA | 96 | 92 | 97 |
| MS | 89 | 91 | 98 |
| TX | 99 | 100 | 99 |

5 STATES 83 94 96

THESE 5 STATES PRODUCED 97% OF THE 1989 RICE CROP.

RICE
% EMERGED

| | 1990 | 1989 | AVG. |
|----|------|------|------|
| AR | 46 | 79 | 82 |
| CA | 65 | 70 | 67 |
| LA | 91 | 85 | 91 |
| MS | 74 | 84 | 91 |
| TX | 84 | 100 | 98 |

5 STATES 65 82 84

THESE 5 STATES PRODUCED 97% OF THE 1989 RICE CROP.

Crop Condition

PERCENT

FOR WEEK ENDING MAY 27, 1990

RICE

| STATE | VP | P | F | G | EX |
|-----------|----|----|----|----|----|
| AR | 5 | 13 | 53 | 29 | 0 |
| CA | 0 | 0 | 10 | 80 | 10 |
| LA | 0 | 5 | 28 | 56 | 11 |
| MS | NA | | | | |
| TX | 1 | 0 | 19 | 64 | 16 |
| 5 STATE | 3 | 7 | 36 | 48 | 6 |
| PREV WEEK | 0 | 0 | 38 | 57 | 5 |
| PREV YEAR | 0 | 3 | 39 | 55 | 3 |

SPRING WHEAT

| STATE | VP | P | F | G | EX |
|-----------|----|---|----|----|----|
| ID | 0 | 0 | 17 | 70 | 13 |
| MN | 3 | 0 | 35 | 51 | 11 |
| MT | 0 | 4 | 24 | 56 | 16 |
| ND | 1 | 2 | 21 | 73 | 3 |
| SD | 1 | 1 | 21 | 64 | 13 |
| 5 STATE | 1 | 2 | 24 | 64 | 9 |
| PREV WEEK | 1 | 4 | 24 | 64 | 7 |
| PREV YEAR | 0 | 1 | 18 | 72 | 9 |

WINTER WHEAT

| STATE | VP | P | F | G | EX |
|-----------|----|----|----|----|----|
| AR | 1 | 30 | 61 | 8 | 0 |
| CA | 0 | 0 | 15 | 75 | 10 |
| CO | 2 | 8 | 28 | 51 | 11 |
| GA | 1 | 1 | 44 | 54 | 0 |
| ID | 0 | 0 | 12 | 64 | 24 |
| IL | 0 | 2 | 31 | 63 | 4 |
| IN | 1 | 3 | 28 | 63 | 5 |
| KS | 0 | 1 | 20 | 36 | 43 |
| MI | 1 | 4 | 20 | 50 | 25 |
| MO | 0 | 7 | 42 | 49 | 2 |
| MT | 1 | 3 | 16 | 62 | 18 |
| NE | 0 | 0 | 51 | 38 | 11 |
| NC | 0 | 2 | 23 | 71 | 4 |
| OH | 2 | 8 | 38 | 46 | 6 |
| OK | 0 | 0 | 9 | 90 | 1 |
| OR | 0 | 11 | 28 | 59 | 2 |
| SD | 0 | 0 | 45 | 41 | 14 |
| TX | 3 | 12 | 36 | 45 | 4 |
| WA | 0 | 5 | 32 | 40 | 23 |
| 19 STATE | 1 | 4 | 27 | 52 | 16 |
| PREV WEEK | 1 | 3 | 25 | 56 | 15 |
| PREV YEAR | 21 | 18 | 32 | 26 | 3 |

VP - VERY POOR P - POOR F - FAIR G - GOOD EX - EXCELLENT

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 0.50 to 1.00 in.; near 2.00 in. local areas. Temperatures 1 to 4° below normal.

Days suitable for fieldwork 4.6. Soil moisture 77% adequate, 23% surplus. Acreage intended for spring planting 97% prepared, 98% 1989, 98% avg. Fieldwork progress 22% behind schedule, 76% on schedule, 2% ahead of schedule. Corn 30% silked, 35% 1989, 18% avg.; 5% fair, 69% good, 26% excellent. Sorghum 71% planted, 59% 1989, 55% avg.; 13% fair, 87% good. Cotton 92% planted, 99% 1989, 96% avg.; few fields had begun squaring; 19% poor, 44% fair, 37% good; cool, wet conditions delayed development, increased seedling disease pressure. Peanuts 95% planted, 96% 1989, 87% avg.; 55% good, 45% excellent. Soybeans 37% planted, 46% 1989, 43% avg. Winter wheat 90% turning color, 87% 1989, 87% avg.; 25% harvested 42% 1989, 29% avg.; 1% very poor, 2% poor, 37% fair, 56% good, 4% excellent. First hay 54% harvested, 54% 1989, 45% avg. Pastures 13% fair, 79% good, 8% excellent. Livestock 9% fair, 84% good, 7% excellent. Primary activities: Planting cotton, soybeans, peanuts; side dressing, cultivating row crops, vegetables; harvesting small grains, hay, peaches, early vegetable crops; mowing, fertilizing summer pastures; repairing fences; applying fungicides to peanuts; monitoring fish ponds; general care of livestock, poultry.

ALASKA: Early in week, frost, rain, snow mix fell. Mid week, warm dry weather prevailed. Highs 2 to 6° above normal. Lows 5° below normal in the Butte area of the Matanuska Valley to 4° above normal, elsewhere. Seasonal precipitation 0.72 in. Below normal at Clearwater to 0.76 in. Above normal at Kenai.

Days suitable for fieldwork 6.0. Topsoil 35% short, 65% adequate, 4% surplus. Subsoil 6% short, 92% adequate, 2% surplus. Small grain seeding 95% oats; barley complete. Emergence 70% oats; 10% barley. Commercial potato 60% done. Hardy vegetable seeding, transplanting continues. Progress of fieldwork on schedule. Prospects for growth to hay fields, pastures mostly good.

ARIZONA: Sunny, warm early in period; increasing temperatures through 23rd; cooler, gusty winds 23rd, 24th; scattered showers north, central; sunny, dry 25th, 26th. Temperatures 2° below to 6° above normal.

Cotton planted 100%, 100% 1989, 99% avg.; squaring 20%, 63% 1989, avg.; mostly good. Small grains turning color 96%, 96% 1989, 94% avg.; harvested 22%, 31% 1989, 34% avg.; good. Alfalfa hay harvest active; second cutting continued. Western areas potato, honeydew harvest continued; grape, watermelon harvest underway. Dry onion, potato harvests continued active central areas; peach, apricot, nectarine harvest completed; winter squash harvested; lettuce harvest continued east. Valencia orange, grapefruit harvest continued.

ARKANSAS: Cool week. Temperatures 7° below to 1° above normal. Scattered thunderstorms, rainfall statewide; heaviest northwest. Extremes 44°; 92°. Rainfall 0.44 to 3.45 in.

Days suitable for fieldwork 4.0. Soil moisture 36% adequate, 64% surplus. Main activities: Planting cotton, rice, grain sorghum, soybeans; cultivating, spraying crops for weeds, insects;

assessing flood, crop damage; cutting, baling hay; renovating, spraying, fertilizing pastures, repairing fences. Corn 91% planted, 99% 1989, 97% avg.; 9% poor, 58% fair, 33% good. Oats 100% headed, 100% 1989, 99% avg.; 8% poor, 64% fair, 28% good. Cotton 73% emerged, 71% 1989, 84% avg.; 10% very poor, 25% poor, 51% fair, 14% good. Sorghum 47% emerged, 76% 1989, 79% avg.; 10% very poor, 12% poor, 67% fair, 11% good. Several cotton fields had to be replanted. Many wheat acres lost due to flood; less than 1% harvested with low test weights. Rice being aerial seeded due to wet fields. Cotton spraying for thrips. Rice spraying for weeds, grass. Wheat diseases continued to spread. Strawberry harvest nearing completion. Tomatoes sprayed for diseases, fruit set slowed. Peaches good to excellent. Livestock making good gains; controlling for external parasites.

CALIFORNIA: Cool, unsettled over most of northern, central areas, with series upper level disturbances or frontal systems moving across area. Most systems produced no rain south of Delta area, one system 24th brought rain south to Paso Robles, Fresno. Most northern, central temperatures below normal.

Rain early, late interrupted field activities northern half. Wheat, barley grain harvests increased southern half. Dryland grain being grazed by sheep, cattle. Small grain hay, green chop harvests continued. Rice weed control active. Dry bean, corn planting progressed. Sugarbeets treated weeds, insects, mildew. Alfalfa harvest seasonally active. Bees moved to alfalfa seed fields. Sudan, native hay harvests active. Mid, late week rain showers delayed normal cultural practices. Castlebrite, Katy apricots harvested, packed. Cherry harvest delayed somewhat by rains, some fruit splitting. White grapefruit harvest progressed, very small sizes, stripped from trees. Nectarine harvest, packing continued. Navel orange harvest winding down. Valencia orange harvest progressed. Cling peach thinning progressed. Freestone peach harvest increasing. Red Beaut, Durado plums harvested, packed. Broccoli heavy supply variable quality Salinas area. Cauliflower heavy supply, variable quality. Iceberg head lettuce heavy supply variable quality, central coast. Melons, onions, watermelons, market tomatoes harvested, Imperial Valley. Harvest spring potato crop active. Strawberries light supply central coast, poor quality due to rain. Most strawberries being picked for processing. Livestock good, movement summer pasture near completion. Scattered mid, late week showers virtually no help for spring pasture, range; summer ranges good. Water supplies adequate northern area, marginally sufficient central, southern areas.

COLORADO: Mostly dry with isolated heavy thunderstorms towards the weekend. Precipitation a trace to 1.00 in. Temperatures 1 to 2° above normal.

Days suitable for fieldwork 6.4. Soil moisture 14% very short, 44% short, 42% adequate. Spring grains starting to head out. Barley 12% headed, oats 9% headed, spring wheat 10% headed. Dry beans 8% planted. Corn 93% planted, 63% emerged. Sorghum 19% planted, 9% emerged. Summer potatoes 95% planted, 58% emerged. Fall potatoes 90% planted. Pasture, range fair to good. Livestock mostly good.

FLORIDA: Temperatures 1 to 2° below normal western Panhandle, south; 1 to 2° above normal elsewhere. Extreme highs mid 90s, north to low 90s, Peninsula. Coolest lows 50s, Panhandle, Big Bend to 60s, Peninsula. Most rain under 0.50 in. north; almost none, northeast; only isolated locations over 1.00 in. Peninsula areas 1.00 to 3.00 in for week; 3.00 to 6.00 in. more common along southeast coast.

Soil moisture Panhandle short to adequate; Peninsula mostly short. Planting cotton, soybeans, harvest winter wheat active. Early corn tasseling, silking. Some tobacco fields blooming. Peanuts, sugarcane good progress. Panhandle, southern Peninsula pastures fair to excellent; northern, central Peninsula poor to fair. Cattle fair to good. Heavy rains citrus areas of east coast, lower interior; scattered showers many other areas. Some irrigation discontinued. New crop fruit sizes well advanced for this date. Valencia harvest slowing due to limited supplies. Grapefruit harvest almost complete. Caretakers active with early summer work. Hot weather continued over major vegetable producing areas. Rainfall more plentiful. Spring crop harvest continued shift north. Volume leaders: Watermelons, potatoes, tomatoes, sweet corn, peppers, cucumbers, celery. Also available carrots, eggplant, radishes, squash, snap beans, cabbage. First Quincy tomatoes picked.

GEORGIA: Most areas some rain, 0.50 to 1.00 in. Heaviest rains Albany area, 3.00 or more in. common. Parts central, east less than 0.50 in. Temperatures 1 to 2° cooler than normal. Coolest mid 40s mountains, near 60° extreme southeast. Hottest lows mid 80s extreme north, low to mid 90s southeast.

Days suitable for fieldwork 5.3. Soil moisture 5% very short, 28% short, 67% adequate. Corn 5% poor, 27% fair, 61% good, 7% excellent; 20% silked, 6% 1989, 16% avg.; 1% dough, 0% 1989, 1% avg.; showers timely for corn pollinating. Cotton 44% fair, 56% good; 2% squaring, 0% 1989, 5% avg.; thrips increasing. Sorghum 17% fair, 77% good, 6% excellent; 64% planted, 55% 1989, 61% avg. Peanuts 25% fair, 73% good, 2% excellent; 96% planted, 97% 1989, 94% avg.; 10% blooming, 2% 1989, 9% avg.; pesticide applications active. Soybeans 35% fair, 64% good, 1% excellent. Tobacco 35% fair, 60% good, 5% excellent. Watermelons 53% fair, 43% good, 4% excellent. Wheat 25% harvested for grain, 20% 1989, 25% avg. Rye 3% poor, 49% fair, 48% good. Apples 1% very poor, 10% poor, 43% fair, 46% good. Peaches 12% very poor, 8% poor, 15% fair, 65% good; 36% harvested, 16% 1989, 12% avg. Onions 100% harvested. Hay, pastures mostly good. Cattle, hogs mostly good.

HAWAII: High pressure system maintained favorable weather. Days mostly sunny, passing showers. Winds variable 5 to 25 mph with temperatures upper 60s to mid 80s. Rainfall none to 7.50 in.

Days suitable for fieldwork 7.0. Papaya production steady. Sugar, pineapple harvesting continuous.

IDAHO: No weather data available.

Days suitable for fieldwork 4.0. Soil moisture 1% very short, 26% short, 61% adequate, 12% surplus. Winter wheat good to excellent; 14% not yet jointed, 50% jointed, 30% boot, 6% headed, 4% 1989, 4% avg. Spring wheat planted 100%, 99% 1989, 97% avg.; emerged 97%, 95% 1989, 90% avg.; 64% not yet jointed, 31% jointed, 5% boot. Spring barley planted 100%, 99% 1989, 96% avg.; emerged 94%, 95% 1989, 85% avg.; 72% not yet jointed, 24% jointed, 4% boot. Potatoes planted 96%, 88% 1989, 79% avg.; emerged 26%, 19% 1989, 26% avg. Oats planted 97%, 98% 1989, 90% avg.; emerged 86%, 78%

1989, 80% avg. Sugarbeets emerged 99%, 99% 1989, 95% avg.; thinned 38%, 33% 1989, 34% avg. Field corn planted 86%, 86% 1989, 92% avg.; emerged 57%, 51% 1989, 71% avg. Dry beans planted 20%, 24% 1989, 27% avg. Irrigation water supply mostly good. Heavy hail damage fruit trees Gem county. Planting, cultivation, spraying. RWA, Mormon crickets increased isolated areas. Precipitation improved growth on ranges; 2% very poor, 10% poor, 36% fair, 36% good, 16% excellent. Moving sheep, cattle to range, branding, shearing. Livestock good to excellent.

ILLINOIS: Temperatures 3 to 6° below normal across State. Precipitation 0.50 to 1.00 in. north, southeast; 1.50 to 2.00 in. central, south; 2.00 to 3.50 in. far south.

Days suitable for fieldwork 1.25. Soil moisture 19% adequate, 81% surplus. Corn 2% very poor, 8% poor, 50% fair, 39% good, 1% excellent; average height 4 in., 5 in. 1989, 7 in. avg.; emerged corn 77% of full stand. Corn to replant 3%. Wheat filled 29%, 33% 1989, 47% avg. Oats 9% fair, 75% good, 16% excellent; headed 2%, 5% 1989, 17% avg. Alfalfa 3% poor, 23% fair, 61% good, 13% excellent; first cutting 10%, 33% 1989, 47% avg. Red clover 16% fair, 72% good, 12% excellent. Clover hay cut 5%, 22% 1989, 35% avg. Pasture 6% fair, 59% good, 35% excellent.

INDIANA: Temperatures 3 to 10° below normal. Lows upper 40s to low 50s, highs mid 60s to low 70s. Precipitation 0.50 to 5.00 in.

Days suitable for fieldwork 2.5. Topsoil 48% adequate, 52% surplus. Subsoil 52% adequate, 48% surplus. Corn 66% emerged, 63% 1989, 82% avg. Oats 9 in. high, 9 in. 1989, 11 in. avg. Alfalfa hay 11% cut, 22% 1989, 36% avg. Pasture 1% poor, 15% fair, 67% good, 17% excellent. Rain, saturated soil conditions continue to delay fieldwork in southern areas.

IOWA: Temperatures 0 to 6° below normal. Extremes 36°; 78°. Precipitation 0.23 to 3.68 in.; 1.52 in.

Days suitable for fieldwork 1.3. Topsoil 39% adequate, 61% surplus. Subsoil 11% short, 74% adequate, 15% surplus. Winter wheat good to excellent. Hay 3% poor, 12% fair, 63% good, 22% excellent. Pasture 3% poor, 11% fair, 62% good, 24% excellent. Oats 17% fair, 66% good, 17% excellent. First crop alfalfa hay 1% harvested, 7% 1989, 12% avg. Corn 63% emerged, 91% 1989, 91% avg. Corn 10% poor, 48% fair, 40% good, 2% excellent. Soybeans 7% emerged, 46% 1989, 42% avg. Livestock mostly good to excellent. Muddy feedlots, variable temperatures continued to stress cattle, hogs with slow weight gains being.

KANSAS: Temperature 1 to 2° above normal central; 3 to 6° above normal western; normal elsewhere. Rainfall all areas except southwest; average 0.05 in. northwest to 1.68 in. southeast.

Days suitable for fieldwork 3.5. Topsoil 21% short, 61% adequate, 18% surplus. Subsoil 21% short, 74% adequate, 5% surplus. Wheat mostly good to excellent. Few fields beginning to turn color. Insect, disease problems light to severe across State. Corn planting good progress; ahead 1989, average. Early emergence has been good, some replanting may be needed following last weeks rain. Sorghum, soybeans made excellent progress, except in northeast, east central districts. Ranges, pastures good growth. First cutting alfalfa.

KENTUCKY: Temperatures below normal. Precipitation 1.00 in. above normal. High temperatures lower to mid 70s, 3 to 4° below normal. Low temperatures mid 50s. Rainfall

accumulations 0.50 to 3.50 in. Accumulations 0.70 to 1.00 in. above normal.

Days suitable for fieldwork 2.6. Excessive rain, flooding causing problems. Soil moisture 46% adequate, 54% surplus with additional rain memorial weekend. Corn planting delayed, latest since 1983. Optimum corn planting date has passed. Burley 26% set, comparable 1989, 41% avg. Plants becoming too large for setting. Wheat fair to good, some lodging, disease. Haying has been most difficult. Pasture 1% poor, 17% fair, 56% good, 26% excellent.

LOUISIANA: Temperatures 2° below normal to 2° above normal. Extremes 50°; 94°. Rainfall none to 1.17 in.

Days suitable for fieldwork 5.2. Soil moisture 2% very short, 14% short, 60% adequate, 24% surplus. Spring plowing 95%, 97% 1989, 99% avg. Corn silked 13%, 6% 1989, 12% avg.; 15% fair, 70% good, 15% excellent. Cotton planted 100%, 81% 1989, 92% avg.; emerged 100%, 74% 1989, 84% avg.; 33% fair, 67% good. Replanting occurred in northeast due to wet cool conditions. Hay first cutting 48%, 34% 1989, 51% avg. Peaches harvested 8%, 1% 1989, 5% avg. 40% fair, 60% good. Above average crop in southeast. Rice planted 96%, 92% 1989, 97% avg.; emerged 91%, 85% 1989, 91% avg.; 5% poor, 28% fair, 56% good, 11% excellent. Sorghum planted 91%, 80% 1989, 88% avg.; emerged 88%, 74% 1989, 79% avg.; 7% poor, 57% fair, 36% good. Soybeans planted 54%, 32% 1989, 45% avg.; emerged 39%, 21% 1989, 31% avg. Sweet potatoes planted 33%, 29% 1989, 46% avg. Sugarcane 15% very poor, 8% poor, 46% fair, 31% good. Lay by has begun. Wheat turning color 99%, 95% 1989, 97% avg.; harvested 56%, 31% 1989, 35% avg.; 40% fair, 52% good, 8% excellent. Livestock 15% fair, 77% good, 8% excellent. Pasture 21% fair, 70% good, 9% excellent. Vegetables 24% fair, 66% good, 10% excellent.

MARYLAND & DELAWARE: **MARYLAND:** Precipitation 0.42 in. Temperatures 62°, normal 65°. Extremes 37°; 83°.

Days suitable for fieldwork 4.1. Topsoil 60% adequate, 40% surplus. Subsoil 70% adequate, 30% surplus. Acreage prepared for planting 93% complete, 81% 1989, 91% avg. Field corn 85% planted, 68% 1989, 85% avg. Soybeans 20% planted, 13% 1989, 26% avg. Sweet corn 77% planted, 67% 1989, 79% avg. Snap beans planted 60%, 65% 1989, 68% avg. Small grains good. Wheat 93% headed, 84% 1989, 91% avg.; 4% turning, 4% 1989, 1% avg. Barley 48% turning, 41% 1989, 25% avg. Rye 14% turning, 9% 1989, 20% avg. Alfalfa hay first cut 35% complete, 44% 1989, 56% avg. Other hay first cut 26% complete, 12% 1989, 30% avg. Strawberries 18% harvested, 15% 1989.

DELAWARE: Precipitation 0.19 in. Temperatures 61°, normal 65°. Extremes 42°; 81°.

Days suitable for fieldwork 4.3. Topsoil 14% adequate, 86% surplus. Subsoil 43% adequate, 57% surplus. Acreage prepared for planting 97%, 88% 1989, 94% avg. Field corn 96% planted, 77% 1989, 84% avg. Small grains good. Wheat 100% headed, 98% 1989, 96% avg.; 16% turning, 0% 1989, 0% avg. Barley 70% turning, 36% 1989, 0% avg. Rye 25% turning, 0% 1989, 0% avg. Lima beans 19% planted, 45% 1989, 57% avg. Alfalfa hay first cut 50% complete, 44% 1989, 68% avg. Other hay first cut 59% complete, 38% 1989, 54% avg.

MICHIGAN: Temperatures normal to 5° below normal. Extremes 35°; 77°. Precipitation none to 0.98 in. across State.

Days suitable for fieldwork 3.0. Soil moisture 45% adequate, 55% surplus. Corn 80% planted, 95% 1989, 95% avg.; planted acres emerged 50%, 60% 1989, 70% avg.; 5% very poor, 10% poor, 35% fair, 40% good, 10% excellent. Soybeans 35% planted,

60% 1989, 55% avg. Wheat 5% headed, 3% 1989, 10% avg.; 1% very poor, 4% poor, 20% fair, 50% good, 25% excellent. Dry beans 0% planted, 3% 1989, 2% avg. Major activities: Planting corn, soybeans where field conditions allow; winding up spring tillage; preparing fields for dry edible beans; applying fungicides, thinning sprays on fruit trees; vegetable planting.

MINNESOTA: Temperatures 1 to 2° below normal. Extremes 31°; 84°. Precipitation 0.70 to 1.40 in. Greatest weekly total 1.69 in.

Days suitable for fieldwork 3.1. Topsoil 2% very short, 16% short, 53% adequate, 29% surplus. Spring wheat 92% emerged, 100% 1989, 86% avg.; 11% jointing, 11% 1989, 10% avg. Oats 91% emerged, 89% 1989, 90% avg.; 14% jointing, 11% 1989, 14% avg. Barley 91% emerged, 96% 1989, 83% avg.; 11% jointing, 4% 1989, 8% avg. Corn 92% planted, 92% 1989, 91% avg.; 46% emerged, 73% 1989, 73% avg. Soybeans 48% planted, 75% 1989, 74% avg.; 15% emerged, 30% 1989, 32% avg. Dry beans 81% planted, 65% 1989, 70% avg. Potatoes 85% planted, 75% 1989, 79% avg. Flax 84% planted, 54% 1989, 63% avg. Sunflowers 75% planted, 49% 1989, 57% avg. Sweet corn 59% planted, 71% 1989, 69% avg. Green peas 85% planted, 89% 1989, 92% avg. Field corn 23% very poor, 14% poor, 44% fair, 14% good, 5% excellent. Spring wheat 3% very poor, 35% fair, 51% good, 11% excellent.

MISSISSIPPI: Temperatures 3° below normal. Extremes 93°; 44°. Wet north, central, dry south. Rainfall 1.19 in., 0.14 in. above normal. Soil temperature 74°

Days suitable for fieldwork 2.7, 3.2 1989, 3.6 avg. Soil moisture 43% adequate, 54% surplus, 3% excessive. Wheat 100% heading, 100% 1989, 100% avg.; 44% mature, 40% 1989, 40% avg.; 8% very poor, 31% poor, 47% fair, 14% good; 2% harvested. Cotton 95% planted, 76% 1989, 93% avg.; 85% emerged, 60% 1989, 83% avg.; 20% poor, 45% fair, 30% good, 5% excellent. Corn 93% planted, 92% 1989, 98% avg.; 86% emerged, 85% 1989, 92% avg.; 5% poor, 29% fair, 66% good; 4% silking. Rice 89% planted, 91% 1989, 98% avg.; 74% emerged, 84% 1989, 91% avg. Soybeans 26% planted, 19% 1989, 34% avg.; 18% emerged, 15% 1989, 21% avg. Sorghum 78% planted, 73% 1989, 82% avg.; 76% emerged, 65% 1989, 73% avg.; 6% poor, 42% fair, 52% good. Peanuts 44% planted, 70% 1989, 72% avg. Sweet potatoes 30% planted, 50% 1989, 57% avg. Watermelons 94% planted, 92% 1989, 89% avg. Peaches 12% harvested; 21% very poor, 8% poor, 46% fair, 24% good, 1% excellent. Hay 23% harvested, 21% 1989, 28% avg. Pasture, livestock fair to good. Activities: Planting fields crops, harvesting hay, spraying pesticide on cotton.

MISSOURI: Temperatures 3° below normal. Precipitation 0.75 in. northwest, north central, 2.00 to 3.00 in. elsewhere. Flooding along streams.

Days suitable for fieldwork 1.2. Topsoil 1% short, 15% adequate, 84% surplus. Ground worked at least once for spring crops 78%, 99% 1989, 97% avg. Corn planting 29% west central, 71% southwest. Corn flooded, seed rotting, replanting needed. Some crop substitution probable. Mildew, septoria, mosaic in wheat, stressed due to wet weather. Alfalfa hay first cutting 9%, 53% 1989, 58% avg. Other hay 3% harvested, 19% 1989, 26% avg. Pastures 1% poor, 8% fair, 72% good, 19% excellent.

MONTANA: Substantial rain over most of State. West, north central, central over 1.00 in. East, south 0.40 to 0.70 in. Temperatures 3° above normal northeast to 4° below normal central.

Days suitable for fieldwork 4.6. Topsoil 21% short, 69% adequate, 10% surplus. Subsoil 38%

short, 56% adequate, 6% surplus. Barley 2% poor, 19% fair, 59% good, 20% excellent; planted 94%, 91% 1989, 95% avg.; emerged 67%, 48% 1989, 77% avg. Oats 4% poor, 24% fair, 56% good, 16% excellent; planted 92%, 69% 1989, 84% avg.; emerged 65%, 39% 1989, 75% avg. Corn planted 86%, 65% 1989, 79% avg.; emerged 50%. Dry beans planted, 83%, 49% 1989, 86% avg.; emerged 25%. Potatoes planted 79%, 54% 1989, 60% avg.; emerged 13%. Pasture, range feed 5% very poor, 9% poor, 28% fair, 45% good, 13% excellent. Cattle, calves moved to summer pastures 62%, 66% 1989, 67% avg. Sheep, lambs moved 60%, 66% 1989, 79% avg.

NEBRASKA: Temperatures near normal. Extremes 38°; 91°. Precipitation occurred throughout week, 0.20 in. west to almost 1.00 in. east.

Days suitable for fieldwork 2.6. Topsoil 10% short, 55% adequate, 35% surplus. Subsoil 43% short, 56% adequate, 1% surplus. Russian wheat aphid infestations continued to increase, cause damage west, southwest. Rainy weather slowed treatment. Mildew southeast, also heavy chinch bug damage some fields. Corn 2% poor, 43% fair, 42% good, 13% excellent; 70% emerged, 80% 1989, 79% avg. Cool, wet weather causing some yellowing east. Cutworm activity several areas, no heavy damage indicated. Sorghum 5% emerged, 24% 1989, 33% avg. Soybeans 9% emerged, 32% 1989, 35% avg. Alfalfa hay 1% poor, 28% fair, 69% good, 2% excellent; 3% first cutting, 13% 1989, 24% avg. Clover leaf, alfalfa weevils reported in some north, northeast, east, central counties. Wild hay 71% fair, 28% good 1% excellent. Pasture, range feed supplies 34% short, 66% adequate. Pastures responded well to moisture, need warmer weather, sunshine to promote growth. Eastern feedlots reported muddy conditions. Operators concerned about finishing corn planting. Soybean, sorghum planting lagged well behind normal, some unplanted fields becoming weedy. Lowland flooding northeast will result in some replanting. Hail caused some crop damage, Panhandle.

NEVADA: Dry early. Series of cold fronts remainder of period dropped rain in valleys, snow higher elevations central, north.

Lack of rain allowed good progress cutting second crop alfalfa hay extreme south. Due below normal temperatures, only small acreage of 1990 potato crop emerged to date. Ranges benefitted from precipitation central north. Livestock mostly good. Potato market 1989 crop holding steady.

NEW ENGLAND: Precipitation 0.25 to 0.50 in. south coast, 1.00 to 2.00 in. north. Temperatures mid 60s south, lower 50s north; well below normal.

Days suitable for fieldwork 3.0. Soil moisture north 44% adequate, 56% surplus; south 21% adequate, 79% surplus. Grazing availability 3% short, 79% adequate, 18% surplus. Maine potatoes 68% planted, 75% 1989, 74% avg.; good. Rhode Island potatoes 65% planted, 95% 1989, 97% avg.; 17% emerged, 25% 1989, 48% avg.; good. Connecticut River Valley potatoes 80% planted, 95% 1989, 92% avg.; 41% emerged, 60% 1989, 69% avg.; good. Maine oats 85% sown, 53% 1989, 84% avg.; good. Field corn 56% planted, 57% 1989, 66% avg.; 20% emerged, 19% 1989, 32% avg.; fair. Sweet corn 62% planted, 57% 1989, 66% avg.; 33% emerged, 36% 1989, 42% avg.; fair. Connecticut shade tobacco fair to good. Hay good. Apples full bloom to fruit set. Connecticut, Massachusetts peaches full bloom to fruit set. Connecticut pears fruit set. Blueberry, cranberry bud stage to early bloom. Connecticut blueberries petal fall. Major farm activities: Application of spray materials, corn planting, fertilizer application, soil preparation.

NEW JERSEY: Temperatures much below normal. Extremes 38°; 78°. Rainfall 0.30 in. north, 0.44 in. central, 0.71 in. south. Heaviest 24 hour total 1.24 in. on 26th, 27th. Estimated soil moisture percent field capacity averaged 93% north, 88% central, 77% south. Four inch soil temperatures averaged 59° north, 61° central; 62° south.

Rain again caused some interruption in fieldwork. Spring vegetable harvest increased. Summer vegetable planting continued as conditions allowed. Light strawberry harvest underway. Apples, peaches blueberries continued to size. Field corn planting well advanced; most growers finished. Soybean planting active as advanced; most growers finished. Hay fields cut for green chop. Weather conditions poor for hay making. Pasture growth good.

NEW MEXICO: Dry, hot prevailed during week. Wind damage.

Days suitable for fieldwork 6.9. Soil moisture 93% short, 7% adequate. Cotton planted 93%. Milo planted 62%; too dry for dryland plantings. Cattle poor to good; sheep fair to good; range very poor to fair.

NEW YORK: Week started wet, cold and gradually improved. Temperatures 7 to 11° below normal. Eastern areas had the greatest deficit. Extremes 29° at Newcomb on 24th; 79° at Albany on 26th. Rainfall variable 0.19 in. at New York City to 1.83 in. at Gloversville.

Days suitable for fieldwork 2.2. Soil moisture surplus to excessive. Rainfall delayed field activities. Corn planting 41% complete, 39% 1989, 62% avg. Oats 85% seeded, 88% 1989, 96% avg. Hay, wheat good. Pastures 13% fair, 80% good, 7% excellent. Wetness postponed the alfalfa hay harvest. Lake Ontario peaches exhibit good crop potential. Tart cherries in shuck split stage. Hudson Valley apples show variable fruit set. Frost damage, poor pollination weather suspected. Peaches, pears show good development. Vegetable fieldwork delayed by rain. Upstate muckland soils saturated. Orange County onion planting complete. Stands look good.

NORTH CAROLINA: Temperatures 2 to 5° below normal across the State. Extremes 40°; 91°. Precipitation 0.08 to 3.02 in.

Days suitable for fieldwork 4.5. Soil moisture 4% short, 81% adequate, 15% surplus. Pasture 6% fair, 81% good, 13% excellent. Livestock feed from pasture 81%. Hay first cutting 50%. Hay second cutting 10%. Cotton planted 99%; sorghum planted 58%; soybeans planted 40%; peanuts planted 95%. Sweet potatoes transplanted 55%. Burley tobacco transplanted 48%. Crop condition: Wheat, 2% poor, 23% fair, 71% good, 4% excellent; oats, 3% poor, 24% fair, 72% good, 1% excellent; barley 2% poor, 25% fair, 72% good, 1% excellent; rye 1% very poor, 2% poor, 23% fair, 70% good, 4% excellent; corn 1% poor, 11% fair, 76% good, 12% excellent; flue cured tobacco 14% fair, 82% good, 4% excellent; irish potatoes 12% fair, 74% good, 14% excellent; peaches 19% very poor, 13% poor, 29% fair, 36% good, 3% excellent; truck crops 23% fair, 71% good, 6% excellent; hay 11% fair, 82% good, 7% excellent. Major activities: Planting soybeans, planting, cultivating corn, cultivating, spraying flue cured tobacco, hay harvesting, transplanting burley tobacco, harvesting cabbage, planting sorghum, cotton, peanuts. Other activities included: Land preparation, planting

truck crops, harvesting blueberries, strawberries, tending livestock, transplanting sweet potatoes, general farm maintenance.

NORTH DAKOTA: Mild temperatures 2 to 4° above normal. Extremes 34° west central; 88° south central. Scattered light rainfall east, heavy west. Precipitation 0.13 in. northeast to 1.18 in. west central.

Days suitable for fieldwork 5.7. Soil moisture supplies improved, remained well below five year (1985-89) average. Topsoil 8% very short, 56% short, 36% adequate. Subsoil 57% very short, 33% short, 10% adequate. Spring wheat 1% very poor, 2% poor, 21% fair, 73% good, 3% excellent; 88% emerged and beyond, 79% 1989, 82% avg. Durum wheat 2% very poor, 1% poor, 24% fair, 62% good, 11% excellent; 78% emerged and beyond, 65% 1989, 72% avg. Oats 3% very poor, 6% poor, 30% fair, 56% good, 5% excellent; 85% emerged and beyond, 74% 1989, 81% avg. Barley 1% very poor, 1% poor, 16% fair, 77% good, 5% excellent; 90% emerged and beyond, 82% 1989, 86% avg. Winter wheat 2% very poor, 27% poor, 55% fair, 17% good, none excellent; 47% jointing and beyond, 56% 1989, 77% avg. Late season crop planting progressed slightly ahead of average. Corn 83% planted, 79% 1989, 77% avg.; flax 76%, 62% 1989, 68% avg.; potatoes 85%, 90% 1989, 87% avg.; soybeans 76%, 59% 1989, 65% avg.; dry edible beans 65%, 51% 1989, 59% avg.; sunflower 60%, 46% 1989, 48% avg. Pastures improved 26% very poor, 25% poor, 42% fair, 7% good; furnished 69% roughage requirements. Stockwater supplies 16% very short, 50% short, 34% adequate; quality mostly fair to good.

OHIO: Mean temperatures 3 to 6° subnormal. Readings dipped to 30° in northeast. Precipitation 1.00 in. above normal south; near normal elsewhere. Soil temperatures 3 to 6° subnormal.

Days suitable for fieldwork 3.4. Soil moisture 57% adequate, 43% surplus. Spring plantings, haying progress slow. Cold wet soils slowed germination, emergence. Crusting was also a problem in some areas before weekend rains softened soils. Corn stands looked yellow in wet areas; slugs, wireworms. Soil temperatures too cool for soybeans in some areas. Winter wheat fair to good; some deterioration. Heading evident on 40% of acreage. Powdery mildew widespread; higher temperature needed. Pastures 1% very poor, 7% poor, 35% fair, 52% good, 5% excellent. Some alfalfa stands clipped to control weevil infestations. Weather not good for haying; some fields passing prime. Vegetable transplanting active. Strawberry picking on limited scale. Tobacco setting continued.

OKLAHOMA: Temperatures 1° above normal south central to 5° above normal Panhandle. Precipitation none Panhandle to 1.73 in. east central.

Days suitable for fieldwork 5.0. Topsoil 15% short, 50% adequate, 35% surplus. Subsoil 7% short, 93% adequate. Wheat 9% fair, 90% good, 1% excellent; 98% heading, 100% 1989, 98% avg.; 30% soft dough, 70% 1989, 60% avg. Wheat less than 1% harvested. Dry, windy weather intensified root rot problems. High winds, tornados damaged fields west. Development more than one week behind 5 year average. Cotton 45% planted, 40% 1989, 35% avg. Sorghum 25% planted, 22% 1989, 30% avg. Soybeans 15% planted, 45% 1989, 35% avg. Peanuts 40% planted, 45% 1989, 50% avg. Corn 85% up to stand, 97% 1989, 85% avg. Alfalfa first cutting 70% harvested, 80% 1989, 85% avg. Pastures 30% fair, 65% good, 5% excellent. Cattle 10% fair, 85% good, 5% excellent. Cattle marketings stable, prices up from preceding week.

OREGON: Temperatures below normal entire State except north bend 1° above normal, 1 to 7° below normal, biggest departures southeast. Precipitation heavy over most of State. Northeast 0.50 in. to well over 2.00 in. Largest rainfall in coastal range, Laurel mountains 4.05 in.

Soil moisture 44% short, 53% adequate, 3% surplus. Barley 94% seeded, 94% 1989, 99% avg. Crop development slowed by cool, wet weather. Disease concerns increased in wheat, barley, grass seed. Fieldwork limited by rains. Much alfalfa, other hay that was cut sustained rain damage. Fruit development also slowed. Strawberry harvest started Willamette Valley; blackberries in full bloom. A little rain splitting noted in cherries at the Dalles, no serious problem yet. Apples thinned Herminston, west; sprayed for scab Milton Freewater, Hood River. Pears thinned Willamette Valley. Grapes in bloom Hermiston. Cranberries experienced frost on slowed Willamette Valley. Green pea, onion plantings finished. Snap bean, sweet corn, squash, broccoli planting Umatilla county; planting halted by cool, wet weather, lowered soil temperatures Klamath County; 60% emerged Malheur County. Asparagus harvest well underway Umatilla County. Livestock continued good to excellent. Some calves contracted in Wallowa County. Western pastures good to excellent. Recent moisture improved pasture southwest. Eastern range, pasture poor to good; poorest between the Dalles, Madras; rains improved conditions somewhat. Stockwater low south central, springs drying up Wheeler County.

PENNSYLVANIA: Unseasonably cool week with near normal precipitation across the state. Temperature 56°; 3° below normal. Extremes 34°; 78°. Precipitation 0.80 in., 0.02 in. below normal.

Days suitable for fieldwork 4.0. Soil moisture 2% short, 73% adequate, 25% surplus. Plowing 89% complete, 84% 1989, 92% avg. Corn 64% planted, 34% 1989, 69% avg. Soybeans 22% planted, 12% 1989, 34% avg. Oats 95% planted, 92% 1989, 98% avg. Potatoes 74% planted, 63% 1989, 83% avg. Barley 17% pre boot, 28% 1989, 12% avg.; 18% boot, 15% 1989, 17% avg; 65% heading or headed, 57% 1989, 71% avg. Wheat 21% pre boot, 39% 1989, 21% avg.; 40% boot, 40% 1989, 33% avg. 39% heading or headed, 21% 1989, 46% avg.; 0% very poor, 3% poor, 22% fair, 59% good, 16% excellent. Oats 0% very poor, 3% poor, 20% fair, 55% good, 22% excellent. Hay stands mostly fair. Alfalfa first cutting: 13% complete, 10% 1989, 17% avg. Quality of hay made 15% poor, 65% fair, 20% good. Feed from pastures mostly average. Peaches 100% full bloom or past, 93% 1989, 99% avg. Cherries 100% full bloom or past, 90% 1989, 98% avg. Apples 0% pre pink, 5% 1989, 1% avg.; 4% pink, 15% 1989, 4% avg.; 96% full bloom or past, 80% 1989, 95% avg. Activities: Spring plowing; planting corn, oats, soybeans, potatoes, vegetables; harvesting hay, haylage; repairing fence; hauling manure; spreading fertilizer; maintaining machinery; caring for livestock.

PUERTO RICO: Data not available.

SOUTH CAROLINA: Temperatures near normal. Rainfall 0.10 in. central to 0.50 in. northeast.

Days suitable for fieldwork 5.9. Soil moisture 11% very short, 62% short, 27% adequate. Cotton 63% fair, 37% good; 93% planted, 83% 1989, 94% avg. Soybeans 40% planted, 23% 1989, 29% avg. Corn fair to good. Watermelons good; 90% planted, 91% 1989, 94% avg. Cantaloupes fair to good; 87% planted, 88% 1989, 90% avg. Peaches fair, 10%

harvested, 5% 1989, 4% avg. Oats good; 94% turning color, 78% 1989, 79% avg.; 55% ripe, 42% 1989, 38% avg.; 18% harvested, 3% 1989, 7% avg. Wheat fair to good; 97% turning color, 85% 1989, 82% avg.; 59% ripe, 41% 1989, 33% avg.; 12% harvested, 5% 1989, 7% avg.

SOUTH DAKOTA: Temperatures 3° above to 4° below normal. Extremes 37°; 85°. Precipitation widespread with above normal south. Maximum 3.40 in. Growing season precipitation above normal south, below north. Growing degree days 88 units above to 83 units below normal.

Days suitable for fieldwork 2.8. Subsoil 8% critically short, 47% short, 44% adequate, 1% surplus. Topsoil 2% critically short, 11% short, 74% adequate, 13% surplus. Cool wet weather slowed fieldwork, crop progress. Small grain, corn mostly good to fair, livestock mostly good. Range, pasture good to fair. Major activities: Planting row crops, forages, spraying, moving cattle, fencing.

TENNESSEE: Warm, moist air mass lingered over State. One cold front swept through State. Temperatures slightly below average most areas. Precipitation below normal all areas except Plateau. Rain occurred mostly 21st, 26th.

Days suitable for fieldwork 2.9. Soil moisture 56% adequate, 44% surplus. Corn 78% planted, 95% 1989, 94% avg.; 2% very poor, 9% poor, 46% fair, 40% good, 3% excellent. Cotton 74% planted, 98% 1989, 96% avg; 8% very poor, 29% poor, 53% fair, 10% good. Sorghum 38% planted, 69% 1989, 73% avg.; 4% very poor, 6% poor, 54% fair, 35% good, 1% excellent. Soybeans 8% planted, 32% 1989, 34% avg. Tobacco 52% transplanted, 38% 1989, 52% avg.; 1% poor, 34% fair, 64% good, 1% excellent. Wheat 42% turning color, 22% 1989, 51% avg.; 1% very poor, 19% poor, 56% fair, 23% good, 1% excellent. Alfalfa 64% 1st cutting, 80% 1989, 85% avg. Planting slowed by wet fields. Some cotton, corn, sorghum lost to flooding along Mississippi River.

TEXAS: Early week, cold front triggered thunderstorms over Winter Garden, south central counties, middle coast. The mid week period mostly dry. Cold front brought showers to northeast late week produced severe thunderstorms, heavy rains over northeast, southeast counties 27th. Nights cool Panhandle early week, afternoons hot west central, southern areas, becoming hot western areas middle to part week with warm to very warm readings common elsewhere. For week, temperatures ran above normal statewide while rainfall below normal all districts. The High Plains, southern Low Plains reported no precipitation.

Crops: Small grain harvest very active in Blacklands, Central. Yields fair to good. Fields rapidly maturing Cross Timbers, Low Plains. Harvest beginning. Full scale activity begin couple of weeks. In the High Plains, rain needed help fill heads. Irrigation activity increasing. Fields beginning turn color. Wheat 6% harvested, 3% 1989, 9% avg. Corn planting virtually complete High Plains. Fields coming up to good stands under irrigation. Cultivating activities continued Blacklands into east. Some minor stress from heat, dry conditions beginning to show. Fields Coastal Bend, Valley, Upper Coast continued to silk. Rain would help south. Corn 13% silked, 25% 1989, 28% avg. Grain sorghum planting increased with open conditions Plains. Early fields up to good stands. Rain would help. Increased pest activity caused increase in spraying parts Blacklands. Some heat stress occurred. Fields heading all southern, coastal areas. Rainfall would be beneficial. Sorghum 15% headed, 24% 1989, 21% avg. Cotton planting, emergence continued in Plains. Drying winds

caused some crusting problems some fields, slowing emergence. A good rain would help. Planting full swing Cross Timbers. Producers spraying, cultivating Blacklands, central. Irrigation increased in Trans Pecos. Warmer weather promoted good growth central, south. Cotton in Coastal Bend, Valley continued to set bolls. Progress good throughout week. Cotton 9% squaring, 8% 1989, 9% avg. Soybeans up, growing well in Plains. A good rain would help. Planting continued northeast. Progress behind because wet conditions past weeks. Development good along Upper Coast. Weed controls continued. Planting later varieties continued. Rice showing good development along Upper Coast. Weed controls continued. Producers flooding older fields. Planting good progress. Peanut planting increased Hill Country, Cross Timbers. Stands fair parts south central. Rainfall would help dryland crop. Other Field Crops: Peanuts planted 14%, 15% 1989, 27% avg. Soybeans planted 54%, 40% 1989, 38% avg. Sunflowers 31% planted, 13% 1989, 17% avg. Oats harvested 14%, 8% 1989, 17% avg.

Commercial Vegetables: In the Rio Grande Valley, cantaloupe, honeydew melon harvest winding down. Cantaloupe yields, quality remained low. Cucumber, tomato harvest continued. In the San Antonio Winter Garden, scattered showers slowed onion harvest. Watermelons setting fruit. In eastern areas, harvest increasing. Sweet potato transplanting continued. In the High Plains, onions, potatoes, carrots making good progress. Irrigation increasing. In the Trans Pecos, onion harvest nearing. Harvest continued Presidio area. Cabbage harvest continued. Chilies coming on. Melons making good progress. Harvest early variety peaches increased. Early crop yielded good crop, later varieties expected follow suit. Pecan producers increased spraying activities most areas. The crop continued look good all areas.

Range and Livestock: Haying operations increased many areas with open weather. Early yields good. Producers spraying weeds many areas. Rain High Plains would increase growth. Livestock continued show good grains most areas.

UTAH: Temperatures 3° above normal, precipitation light in northern half, almost zero elsewhere.

Days suitable for fieldwork 6.5. Soil moisture 99% short, 1% adequate. Spring planting mostly completed, some canceled in Uintah Basin due to poor irrigation water supplies. Large cricket populations observed, treatment ongoing. Winter wheat acreage 64% booted, 51%, 52% avg.; 27% headed, 25% 1989, 26% avg. first cutting alfalfa hay 23% completed, other hay 8% completed. Frost damage assessment on fruit crop continued, heavy some areas, spotty in others. Fruit crop prospects fair overall. Apple, pear orchards in Weber County sprayed for codling moths. Cattle movement to summer range 65% completed. Sheep movement to summer range 78% completed. Range conditions mostly dry, need water. Cattle turnout delayed, reduced some areas.

VIRGINIA: Cloudy, cool, wet; ended warm, humid. Widespread rains, thunderstorms 2.10 in. to over 3.00 in. Temperatures 3° below normal. Extremes 39°; 89°.

Days suitable for fieldwork 3.2. Topsoil 74% adequate, 26% surplus. Corn planted 88% complete, 69% 1989, 80% avg.; 1% poor, 21% fair, 66% good, 12% excellent. Soybeans 33% planted, 18% 1989, 22% avg. Peanuts neared completion. Flue tobacco 97% completed, 54% 1989, 53% avg. Fire tobacco 71% planted, 37% 1989, 38% avg. Burley tobacco 24% completed, 0% 1989, 13% avg. Sun tobacco 95% planted, 0% 1989, 19% avg. Pasture 1% poor, 7%

fair, 58% good, 34% excellent. Alfalfa 18% fair, 72% good, 10% excellent. Other hay 15% fair, 71% good, 14% excellent. Some hay cut, baled. Apples 19% very poor, 22% poor, 48% fair, 11% good. Wheat 4% poor, 31% fair, 62% good, 3% excellent. Potatoes 27% fair, 49% good, 24% excellent. Pea, strawberry picking winding down. Cultivating, side dressing tobacco. Spraying fruit trees.

WASHINGTON: Temperatures 2 to 8° below normal, east; 2° above normal to 5° below normal, west. Precipitation 0.13 to 1.89 in., east; 0.18 to 1.31 in., west.

Days suitable for fieldwork 3.7. Soil moisture 52% short, 47% adequate, 1% surplus. Range, pasture 40% short, 60% adequate. Hay, other roughage 5% very short, 55% short, 40% adequate. Cool, wet weather continued, reducing field activity, plant growth. Winter wheat headed 28%, 16% 1989, 20% avg. Spring wheat headed 8%, 13% 1989, 10% avg. Barley headed 21%, 5% 1989, 11% avg. Potatoes planted 99%, 98% 1989, 99% avg. Rust, russian wheat aphids have been found in fields. Drought damage occurred in Douglas County. Rains reduced drought concerns in many areas although central basin is still short of moisture. Cherry, asparagus harvests continued. Some cracking in cherries due to rains. Ranges, pastures good condition across the State except the dry central area where hay was fed.

WEST VIRGINIA: Temperature 60°, 1 to 5° below normal. Extremes 37°; 83°. Precipitation 2.31 in.; 1.50 in. above normal.

Days suitable for fieldwork 3.5. Soil moisture 5% short, 68% adequate, 27% surplus. Cattle, sheep good to fair. Feed supplies adequate to surplus. Wheat, barley good; wheat 84% headed, barley 99% headed. Oats good to fair; 77%

emerged. Corn good to excellent; planting 85% complete, 64% emerged. Hay good to fair; first cutting underway. Apples, peaches poor. Tobacco beds good; setting 35% complete. Farm activities: Corn planting, tobacco setting, hay harvest, livestock care.

WISCONSIN: Temperature 57°, 4° below normal. Extremes 26°; 80°. Precipitation 0.20 to 0.80 in.

Days suitable for fieldwork 4.1. Soil moisture 5% short, 65% adequate, 30% surplus. Pasture conditions 85% of normal, 68% 1989, 77% avg. General condition of crops 1% poor, 18% fair, 78% good, 3% excellent. Winter wheat 2% poor, 13% fair, 67% good, 18% excellent. Corn 1% very poor, 14% poor, 45% fair, 40% good; planted 74%, 91% 1989, 91% avg.; height 1 in., 2 in. 1989, 2 in. avg. Soybeans planted 30%, 62% 1989, 61% avg.

WYOMING: Temperatures above normal. Precipitation below normal.

Days suitable for fieldwork 6.0. Topsoil 32% short, 68% adequate. Spring wheat planted 100%, 95% 1989, 90% avg.; emerged 75%, 75% 1989, 75% avg. Oats planted 95%, 90% 1989, 90% avg.; emerged 65%, 65% 1989, 65% avg. Barley planted 100%, 95% 1989, 95% avg.; emerged 85%, 85% 1989, 80% avg. Sugarbeets emerged 75%, 80% 1989, 80% avg. Corn planted 80%, 75% 1989, 75% avg.; emerged 25%, 30% 1989, 35% avg. Dry beans planted 25%, 25% 1989, 20% avg.; emerged 5%, none 1989, 10% avg. Potatoes planted 55%, 85% 1989, 60% avg.; emerged 35%, 50% 1989, 25% avg. Winter wheat good. Russian aphids continue to be a problem in southeastern areas. Livestock mostly good. Calf, lamb loss light to normal. Ranges, pastures good. Livestock moved to summer pastures: 35% cattle, 25% sheep. Stockwater 25% short, 75% adequate.

International Weather and Crop Summary

HIGHLIGHTS

May 20-26, 1990

USSR ... Unseasonably cold weather slows crop growth in Western USSR. Showers benefit spring crop plantings in the eastern New Lands.

EUROPE ... Rain benefits winter and summer crops from the southwest to the northeast. Unfavorable dryness continues in England.

SOUTH ASIA ... Rain improves planting conditions over southern India.

EASTERN ASIA ... Widespread rain favors spring planted crops in the Yangtze Valley and Manchuria. Dryness returns to the North China Plain.

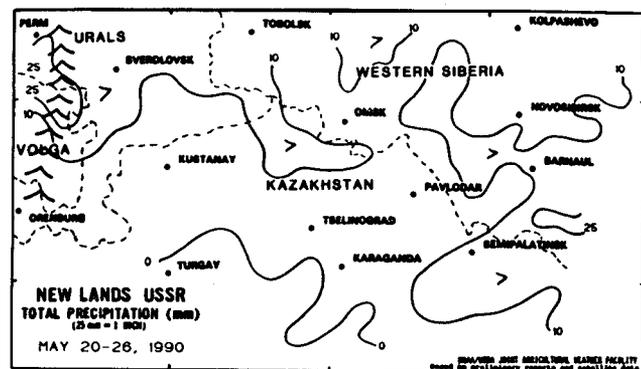
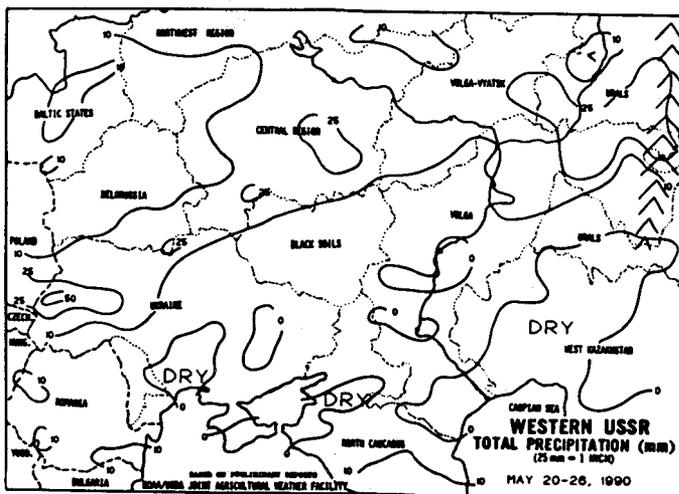
SOUTHEAST ASIA ... Widespread, locally heavy rain covers Thailand and the Philippines, causing some local flooding.

SOUTH AMERICA ... Dryness throughout Argentina and south-central Brazil favors summer crop harvesting, wheat planting, and northern citrus and coffee harvesting.

AUSTRALIA ... Heavy rain favors winter grains in the east. Beneficial rain continues in South Australia.

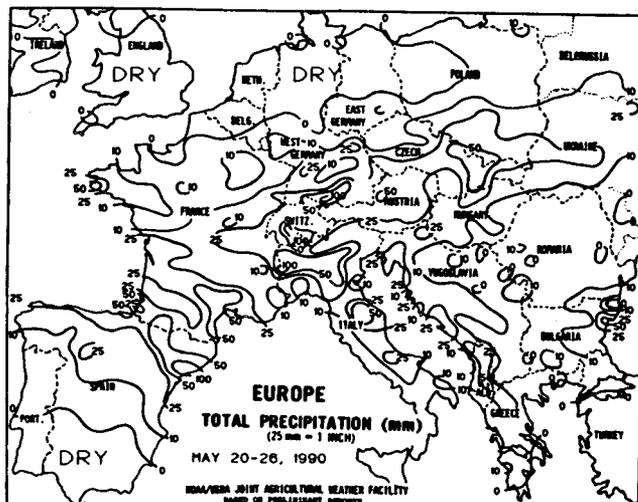
MEXICO ... Dry weather in the northwest favors wheat harvesting. Variable showers help grain development in the northeastern Mexico and southern corn areas.

CANADA ... Rain improves conditions for grain establishment in the southwestern Prairies. Drier, warmer weather elsewhere brings some relief from excessive wetness.

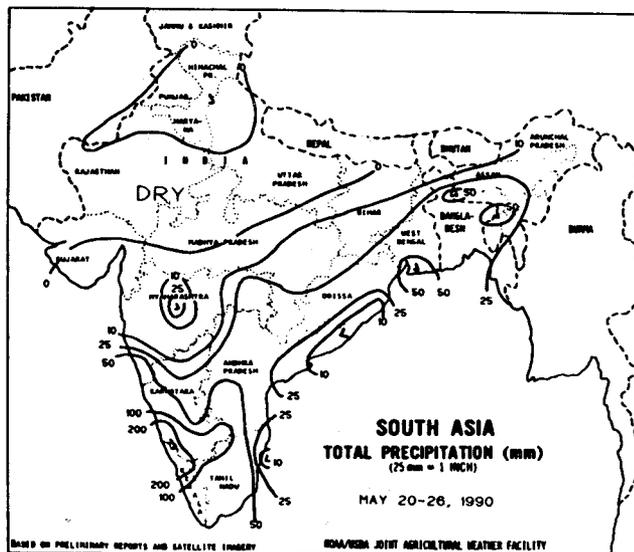


USSR ... In Western USSR, unseasonably cold weather slowed crop growth and development. Weekly average temperatures were 2-4 degrees Celsius (C) below normal. Although the cool weather was mostly favorable for winter and spring grains, warmer weather is needed for the development of corn, sunflowers, and sugarbeets. Lowest minimum temperatures (0 to -2 degrees C) covered crop areas as far south as the eastern Ukraine and the northern North Caucasus. The cold weather over northern crop areas caused minimal, if any, damage to winter grains in the jointing stage. However, some damage to winter grains in the eastern Ukraine and the northern North Caucasus was possible, especially that more vulnerable portion of the crop in the heading stage. Variable precipitation covered northern crop areas, with weekly totals of 10-33mm in Belorussia and the Central Region, and less than 10mm in the Baltic States. Minimal rain fell over southern crop areas.

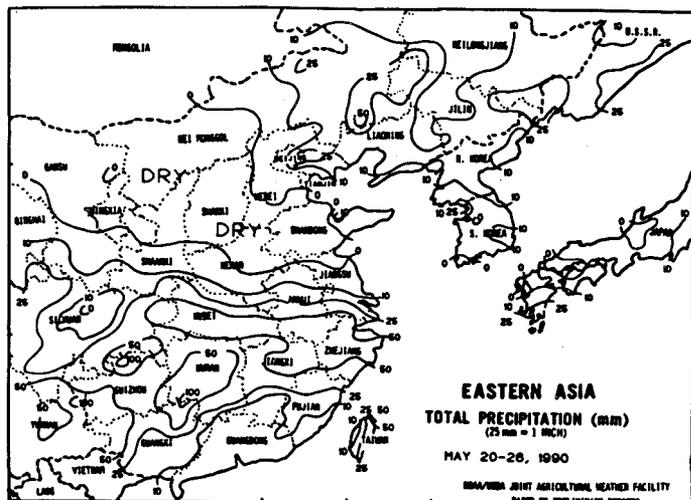
In the New Lands, mild, dry weather early in the week allowed spring grain planting to progress without delay. Variable midweek showers (1-20mm) briefly interrupted planting. More widespread showers (10-41mm) covered the eastern portion of West Siberia, increasing topsoil moisture for crop establishment. Weekly average temperatures were 1-2 degrees C below normal in the west and 1-6 degrees C above normal in the east.



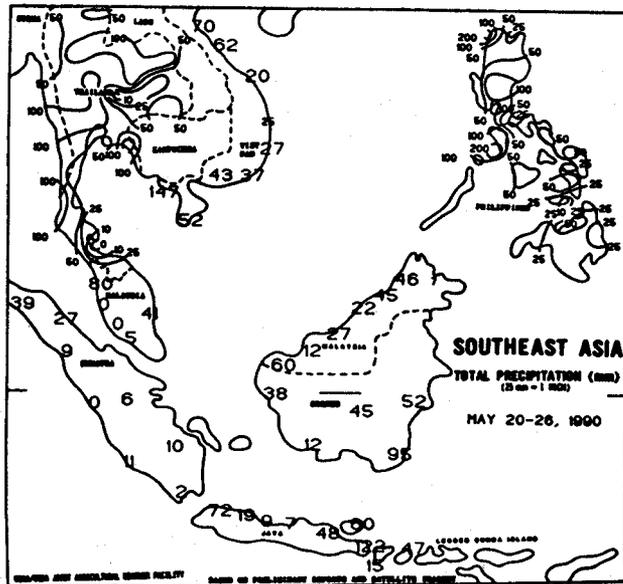
EUROPE ... A slow moving area of low pressure brought widespread rain (10-50mm, with scattered amounts greater than 50mm) from northern Spain and southern France northeastward to Czechoslovakia and southern Poland. Very heavy rain (25-110mm) in sections of northern Italy may have caused localized flooding. The rain greatly benefited heading to filling winter grains and recently planted summer crops, especially in southern France where long-term dryness has reduced soil moisture and irrigation reservoir levels. Elsewhere, scattered light to moderate rain (5-20mm, with isolated amounts greater than 20mm) fell in sections of the Balkans, while mostly dry weather covered northern crop areas. Persistent drier-than-normal weather in much of central and southern England since mid-March has stressed spring growth of forage, sugarbeet, and spring barley crops. On the 26th, unseasonably cool nighttime and early morning temperatures (minimum 1-2 degrees C) may have produced localized frost in sections of England, northern France, and the Low Countries, although effects on most crops were likely minimal.



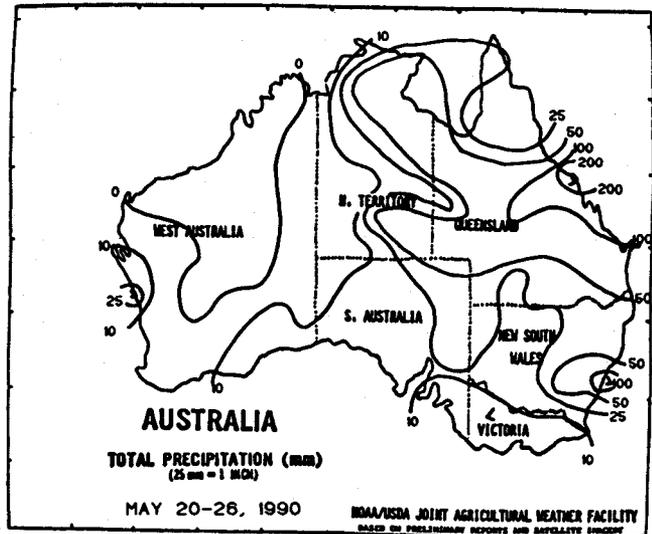
SOUTH ASIA ... Moderate to heavy showers (25-50mm or more) covered much of southern India, reaching primary summer crop areas as far north as Maharashtra. Excessive rain (100-248mm) caused local flooding along the southwest coast. The rain in the south improved conditions for early plantings, which will become widespread during June as the southwest monsoon becomes established. Variable showers (10-50mm or more) in the east maintained favorable moisture reserves for rice planting and early growth. Dry, hot weather dominated central and northern crop regions with daily high temperatures in the low to middle 40's C.



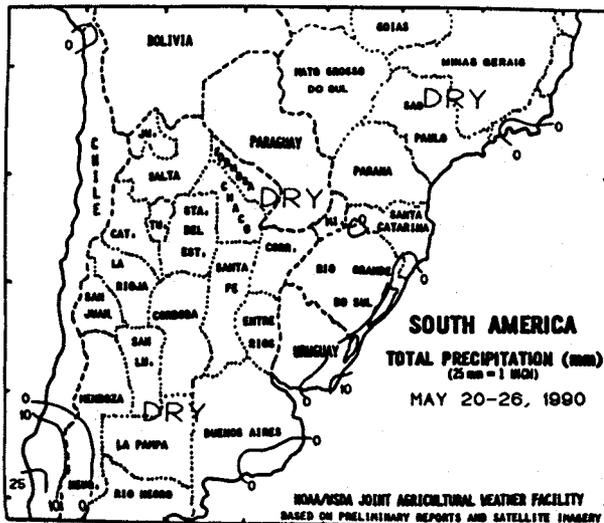
EASTERN ASIA ... In China, widespread seasonal rain (25-70mm, with scattered amounts in excess of 70mm) fell over much of the Yangtze Valley, favoring spring planted crops. Very heavy rain (100-110mm) may have caused localized flooding in sections of northern Guizhou and northern Guangxi. Light to moderate rain (5-20mm, with isolated amounts greater than 25mm) in Manchuria and the Korean Peninsula benefited spring planted wheat, rice, and corn, although growth rates were limited by below-normal temperatures (2-5 degrees C below normal). Dry weather returned to much of the North China Plain, allowing a resumption of fieldwork after 3 consecutive weeks of above-normal rainfall. In Japan, mostly dry weather favored early spring crop planting in Honshu, while continuing rain (10-25mm) and cool temperatures caused planting delays in Hokkaido.



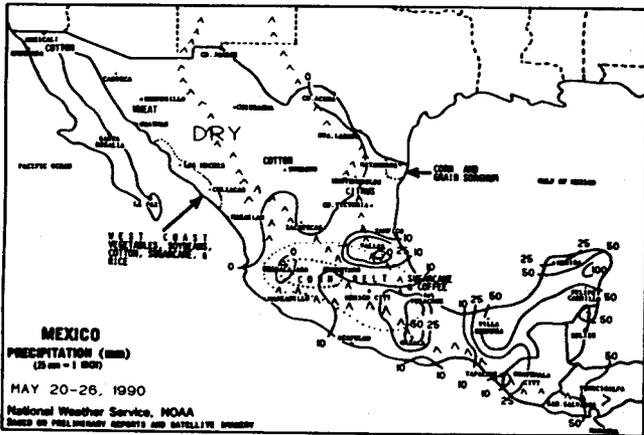
SOUTHEAST ASIA ... Widespread, moderate to heavy rain (50-100mm or more) covered most principal grain areas of Thailand, greatly improving moisture reserves but causing some flooding. Excessive amounts (100-244mm) dotted the region, including peninsular Thailand and areas north of Bangkok that had recently been trending drier than normal. Lower temperatures accompanied the widespread rain, with highs for the week generally in the low to middle 30's C. Widespread showers (25-50mm or more) also covered the Philippines, reaching into western and northern Luzon for the first time this season. The showers in Luzon, although locally excessive (147-239mm) in central and northwestern areas, provided timely moisture for planting following chronically dry weather since last fall.



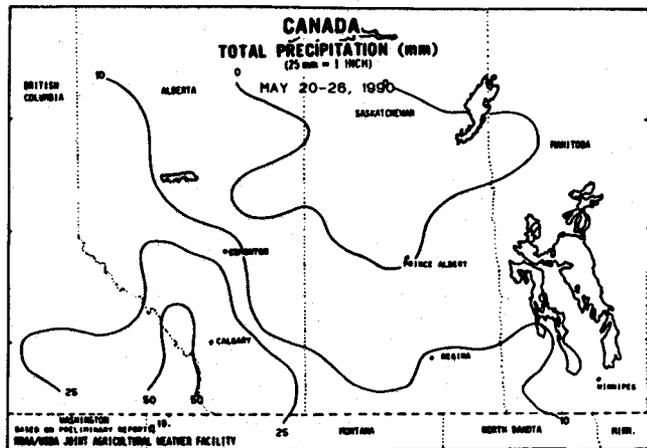
AUSTRALIA ... Heavy rain (25-80mm, with isolated rainfall greater than 80mm) returned to much of Queensland and eastern New South Wales, favoring germination and early growth of already planted winter grains but causing delays in late-summer crop harvest. Torrential rain (100-270mm) in coastal areas of Queensland likely caused localized flooding. In South Australia, heavier-than-normal rain (5-30mm) continued for the second consecutive week, further increasing soil moisture for winter grain planting. Mostly light rain (less than 10mm) fell over growing areas of Western Australia and Victoria. Drying rates and winter grain growth in nearly all crop areas were slowed by below-normal temperatures (1-3 degrees C below normal).



SOUTH AMERICA ... Dry weather prevailed over most of Argentina and south-central Brazil. In Argentina, the dryness promoted harvesting of summer grains, which is nearing completion, and soybean harvesting, which is well over 50 percent complete. Wheat planting normally begins in late May and extends through June in Buenos Aires, Santa Fe, and Cordoba. In south-central Brazil, dry weather also favored late soybean harvesting and wheat planting in Parana and Rio Grande do Sul. Clear skies in Sao Paulo and Minas Gerais promoted citrus and coffee harvesting. Minimum temperatures dropped to the freezing level in eastern Santa Catarina and eastern Parana on May 22 and 23. However, temperatures remained above freezing in the coffee areas.



MEXICO ... Dry weather prevailed in northwestern wheat areas, north-central cotton and range areas, and along the west coast vegetable and soybean areas. The wheat harvest is normally completed during early June in the northwest. Showers (8-30mm) in the northeast helped grain development. In the Southern Plateau corn belt, weekly rainfall averaged 10-52mm in north-central and southern portions, while little or no rain (less than 4mm) fell in the west and east-central corn areas. In general, early-season rainfall has favored crop growth in the corn belt. Locally heavy showers (50-134mm) fell over the Yucatan peninsula.



CANADA ... Unseasonably heavy rain (34-46mm) covered spring wheat regions of central and southern Alberta, improving topsoil moisture for germination and establishment following months of below-normal rainfall. Beneficial rain (11-19mm) also covered crop areas of southern Saskatchewan that had recently been trending dry. Elsewhere, except for local areas of eastern Saskatchewan and northern Manitoba, rainfall averaged less than 10mm, bringing some relief to excessively wet areas. Temperatures averaged 1-2 degrees C above normal across the Prairies, increasing evaporation rates and warming soils for germination and establishment. Grain plantings progressed but lagged behind schedule due to cool, wet field conditions prevalent in most areas during May.

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(Continued from front cover)
much of the **Central United States** from **South Dakota** and **Iowa** to the **lower Mississippi Valley**, the **Rio Grande Valley** of **Texas**, and the **central Appalachians**. **Southeastern Florida** also received heavy but beneficial rains that were due in part to the **Atlantic Ocean's** first tropical depression. The system drenched **Cuba** before its fringes swept across **southern Florida**.

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