

WEEKLY WEATHER AND CROP BULLETIN

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

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

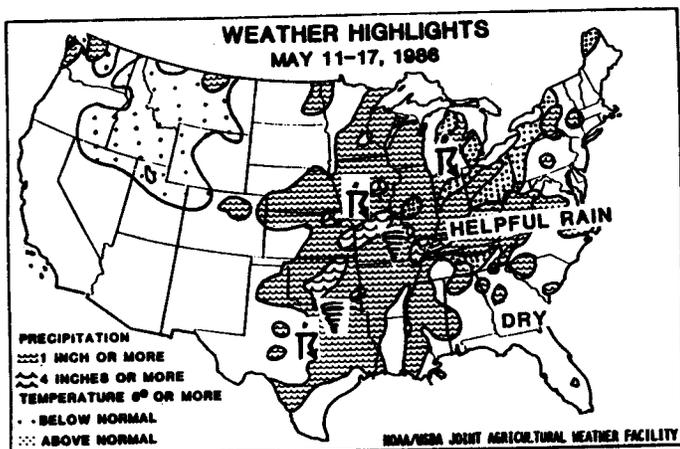
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WASHINGTON, D.C.

May 20, 1986

National Weather Summary

May 11 to 17, 1986



HIGHLIGHTS: A cool air mass, which had been settled over the Plateau and Rockies, moved very slowly eastward through the Great Plains to the Ohio Valley and lower Mississippi Valley. Intense thunderstorms and widespread severe weather developed along and ahead of the cooler air as it moved eastward. Tornadoes, hail, and high wind caused much damage, and heavy rain caused serious local flooding from eastern Texas to Nebraska, Iowa, and Wisconsin. Some showers fell in the very dry parts of the East, but more rain is needed there. Wet snow fell from the central Rockies through Montana. The northern Plains remained dry for most of the week giving that area a chance to drain and dry some after unusually persistent wet weather.

SUNDAY...Showers and thunderstorms were widespread in the northern Plains, down the east side of the Mississippi River, through Indiana and Alabama, and eastward to the southern Appalachians. Showers covered the Northwest with snow at the higher elevations of the Rockies. Unusually warm weather developed over the southern Plains.

MONDAY...An area of showers and thunderstorms moved over the Southeast and extended northward to southern Michigan. The thunderstorms were scattered, but some points received moderate to heavy amounts. Another storm spread showers and thunderstorms from the central Plains to the western Great Lakes. Cold weather continued over the Plateau and Rockies, but it was warm in the East.

TUESDAY...Showers and thunderstorms were scattered over the mid- and Southern Atlantic Coastal States, the upper Mississippi Valley, western Great Lakes,

and central gulf coast. Rainshowers and high wind moved across the Northwest to the northern Rockies. Some isolated severe weather developed in the southern Plains.

WEDNESDAY...Severe weather accompanied showers and thunderstorms from eastern Texas through much of Oklahoma and Missouri into western Kentucky. Lesser storms reached through the lower Missouri Valley, Iowa, and Illinois. Further east, showers and thunderstorms reached from the Carolinas to Pennsylvania.

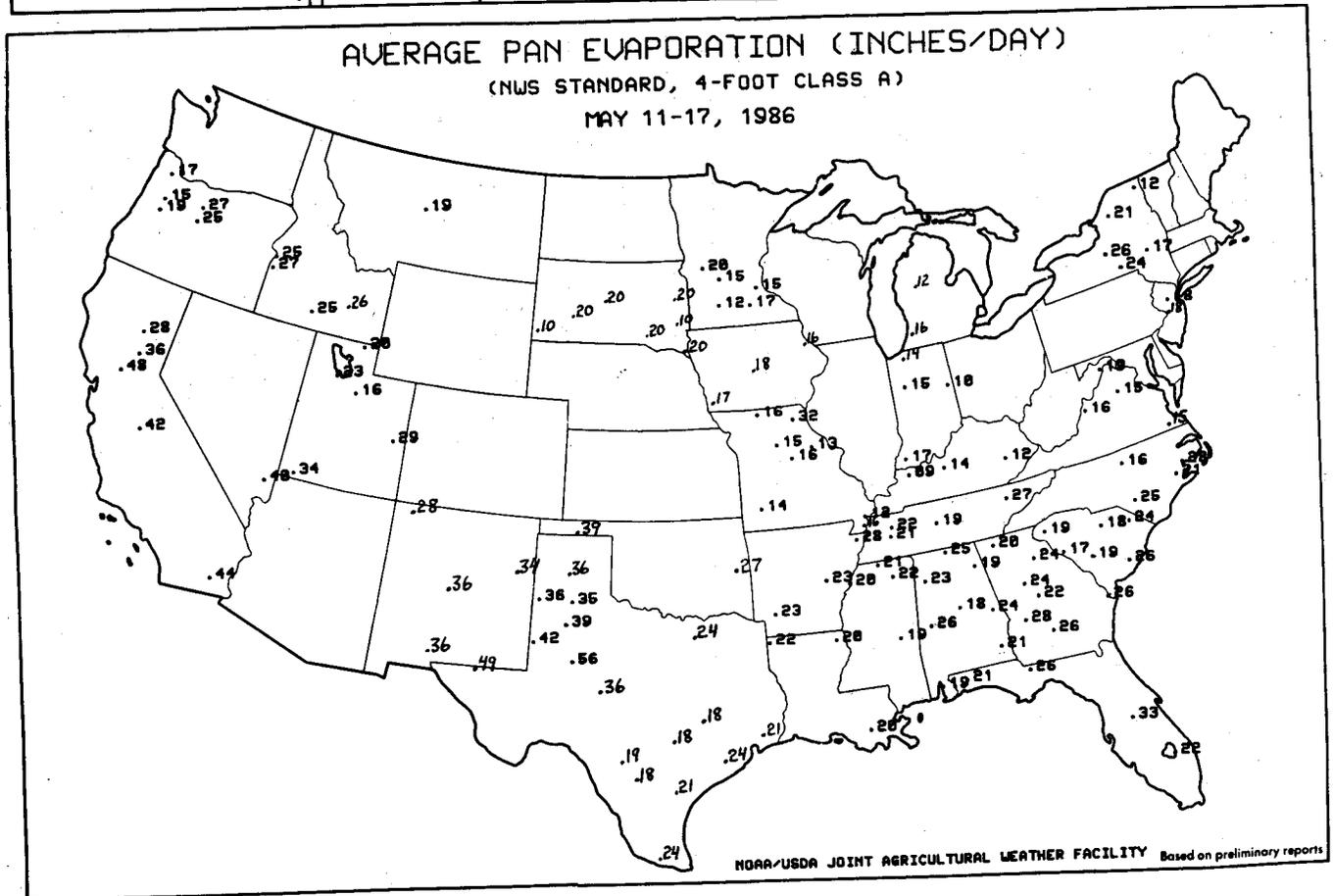
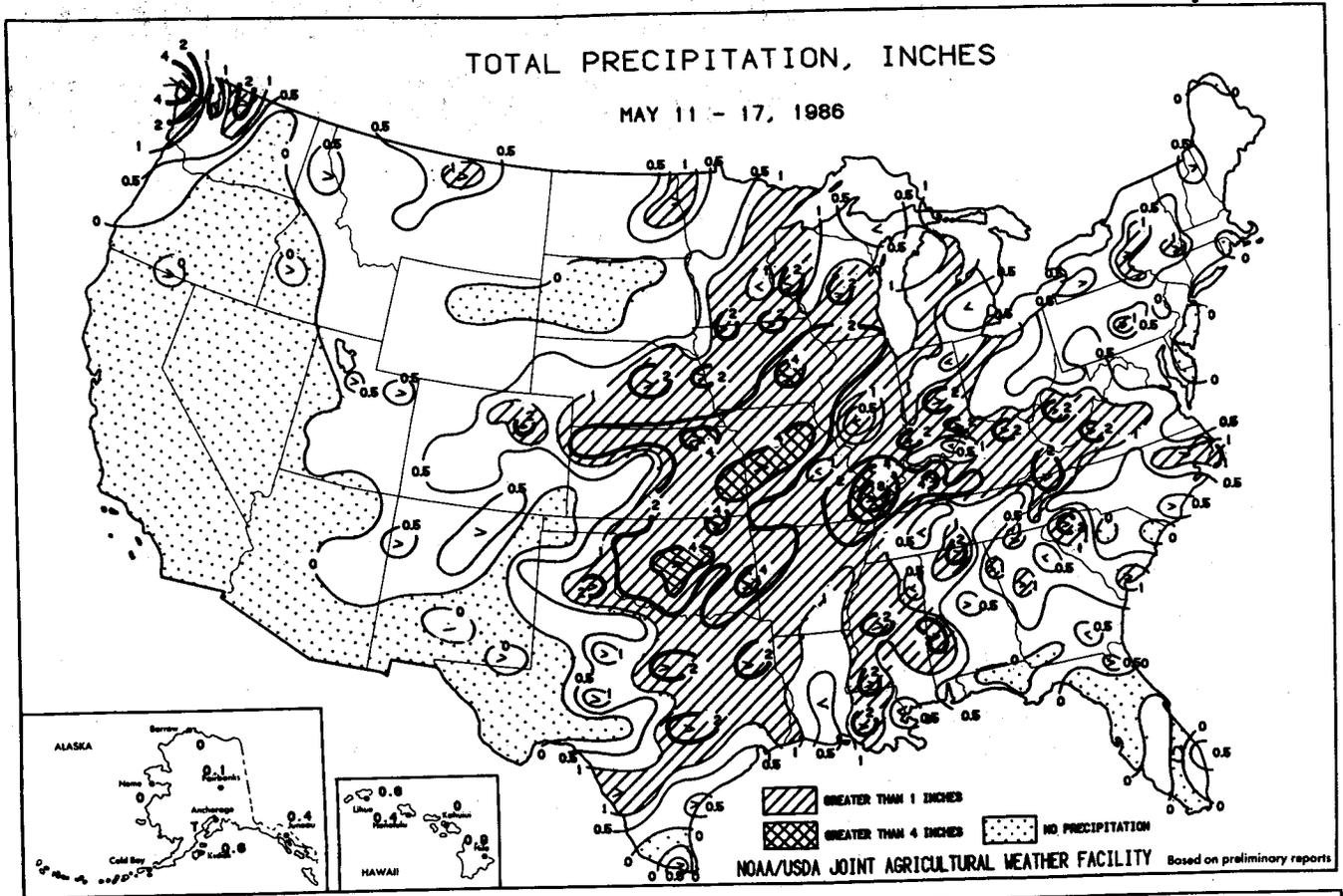
THURSDAY...Showers and thunderstorms were widespread from the central Rockies to Pennsylvania and New York. Severe weather in the form of tornadoes, hail, and flooding rain covered much of this area. Thunderstorms also developed through the lower Mississippi Valley. Snow fell at higher locations in the cooler air of the West.

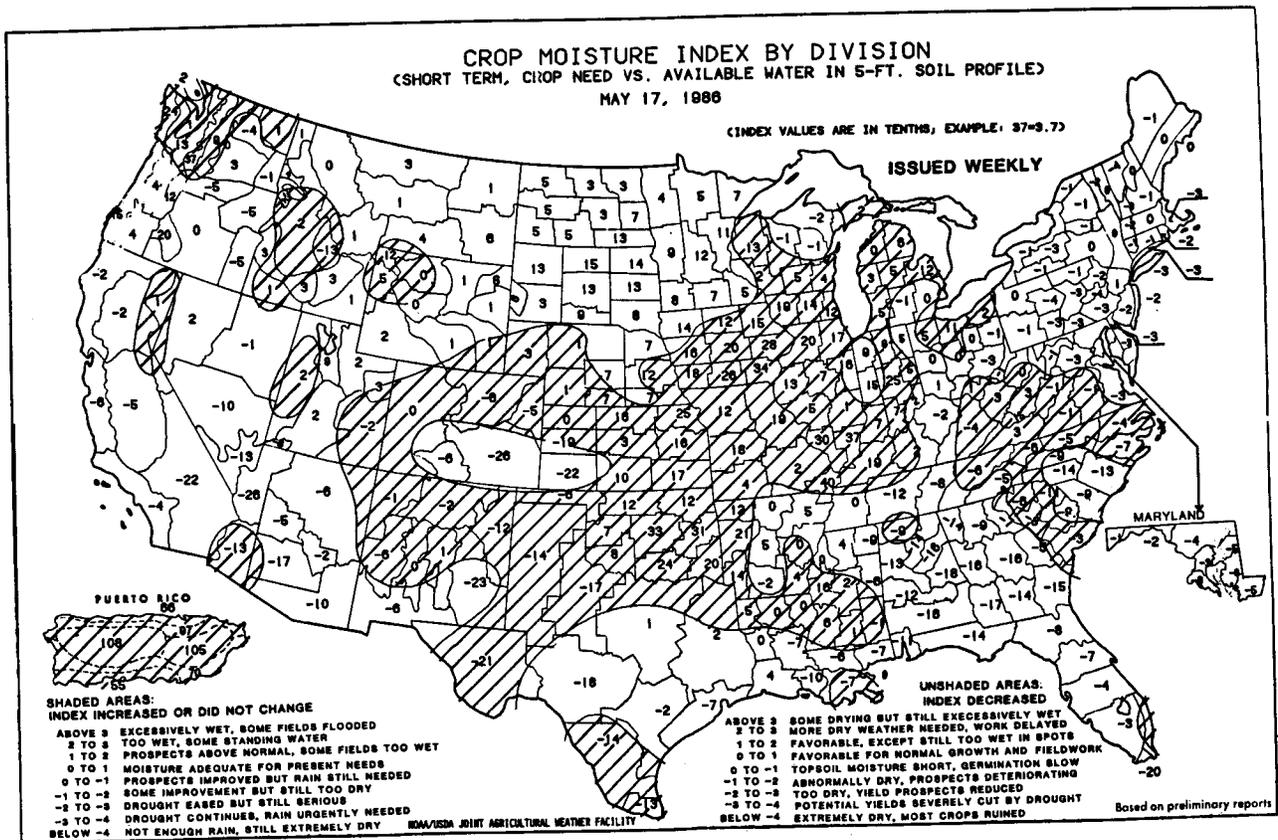
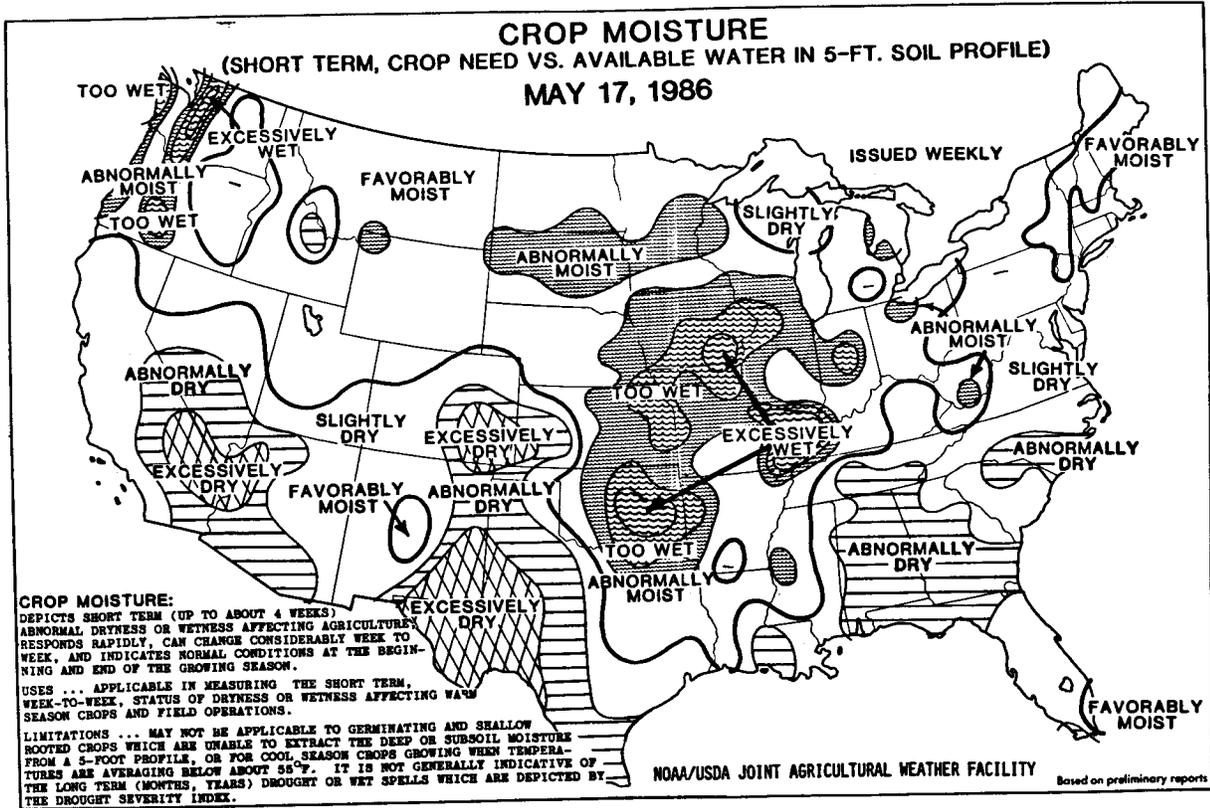
FRIDAY...Thunderstorms produced severe weather and heavy rain from northern Texas to eastern Nebraska, Missouri, and Iowa. Serious flooding resulted in much of this area. Showers were also over the southern and central Rockies. Wet snow fell in much of the central Rockies. Lighter showers fell through the Appalachians and throughout the Northeast.

SATURDAY...Showers and thunderstorms reached from the southern Rockies into Alabama and northeastward through Michigan. Tornadoes, hail, high winds, and flooding were widespread from eastern Texas to Michigan. A few widely scattered showers fell in the southern Appalachians. Temperatures were unusually cool in the Plateau region, the Rockies, and the Great Plains and warm in the East.

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FLUCTUATIONS OF THE GREAT SALT LAKE, UTAH

Utah's Great Salt Lake was at elevation 4,211.30 feet above mean sea level on April 30 (see graph below), only 0.30 foot below the historic high (since 1847) of 4,211.6 feet, after rising 0.80 foot during April. The April rise exceeded the previous record-April rise of 0.75 foot, which occurred in 1984.

Rising lake levels have caused millions of dollars in damages to roads, railroads, wildfowl-management areas, recreational facilities, and the evaporative-minerals industry. Salinity of the main (southern) part of the lake is about 5.5 percent (the salinity of sea water is 3.5 percent), and salinity of that part of the lake north of the Southern Pacific Railroad causeway is about 18 percent. The northern part of the lake is also about 0.75 foot lower than the southern part of the lake because of the causeway.

If the lake rises much above 4,212 feet, it may force the abandonment or rerouting of several transcontinental railroads and interstate highways. Commissioners from the six counties most threatened by the lake have joined in an official statement requesting divine intervention for an end to the wet weather that has caused the lake to rise so much since 1982, and the State legislature will meet in a special session on May 13 to consider other steps that could be taken to minimize damage from the rising waters.

The lake has risen 2.95 feet since its seasonal low in October 1985, 13.8 feet since the seasonal low of October 1979, which occurred during the 1977-82 lull in the otherwise steadily rising lake level from its historic low (since 1847) of 4,191.35 feet in October-November 1963; and 19.95 feet since that historic low. If the average rate of rise of the lake from January 1, 1986, to May 1, 1986, holds through June 15, 1986, the lake level will exceed 4,212 feet. There is still a heavy snowpack in the mountains, the May weather forecast for the area predicts normal temperatures and above-normal precipitation, and the May through July weather forecast predicts normal temperatures and precipitation for the area.

"Water-level and water-quality changes in Great Salt Lake Utah, 1847-1983" (Geological Survey Circular 913) summarizes conditions from 1847-1983 and is the source for the material quoted below.

"Great Salt Lake is a small remnant of Lake Bonneville, which covered about 20,000 square miles in Utah, Nevada, and Idaho during the most

recent ice age of the Pleistocene Epoch. Lake Bonneville began to form some time prior to 26,000 years ago. It reached a peak at about 1,000 feet above the average level of Great Salt Lake about 16,000 to 17,000 years ago, and it had declined to the approximate level of Great Salt Lake by about 11,000 years ago.

"The lake seems to have been below 4,200 feet above sea level several times, but apparently it never was completely dry. During the past 8,000 years, except for two rises above about 4,230 feet, the lake has remained near its historic average elevation of about 4,200 feet.

"When the Mormon pioneers arrived in Utah in 1847, the surface of Great Salt Lake was about 4,200 feet above sea level. From 1862 until 1873 the lake level rose almost 12 feet to reach a historic high of about 4,211.6 feet. The rapid rise of the lake during 1862-73 was of considerable concern to the Mormon settlers. If the lake continued to rise, they feared that Salt Lake City and adjacent farmlands would be flooded. In the hope of averting such a calamity, Brigham Young sent out an exploration party to determine if the water could be spilled from the lake into the vast desert area to the west. But the lake peaked in 1873, ending the concern at that time.

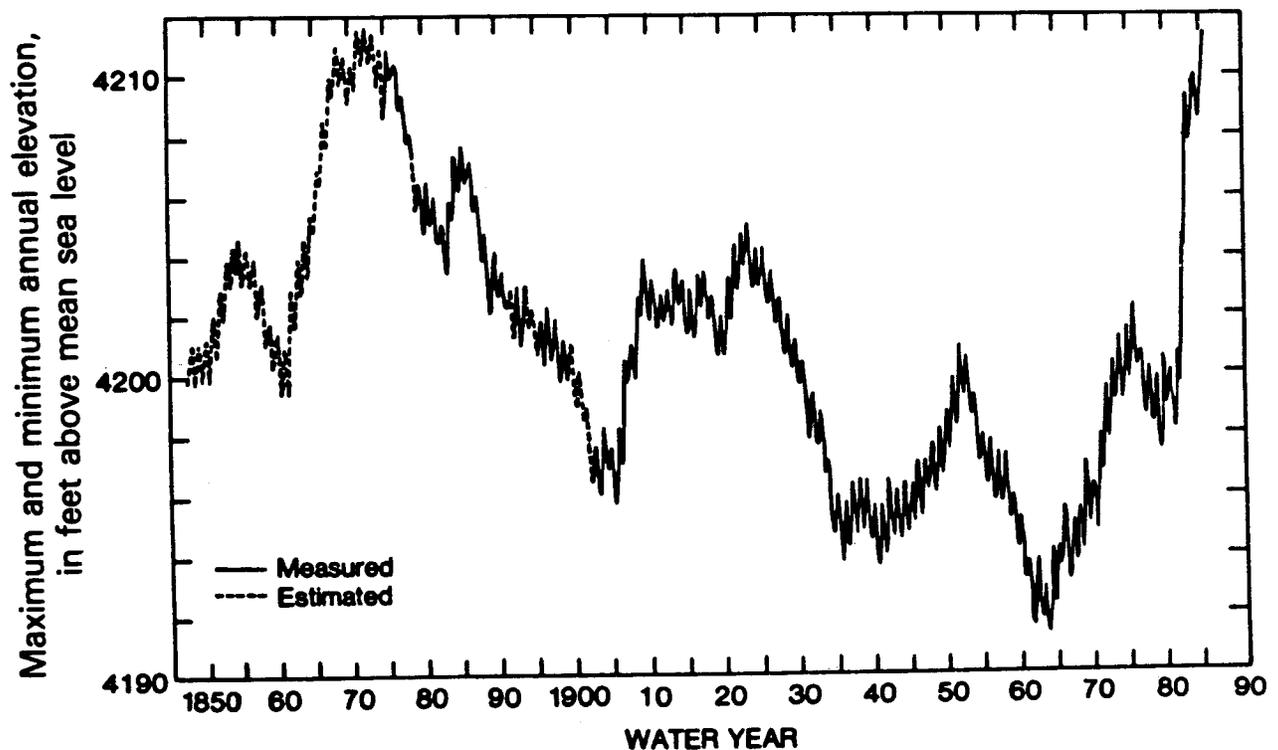
"By 1963 the lake had reached an all-time historic low of 4,191.35 feet. At this level it covered only about 1,000 square miles.

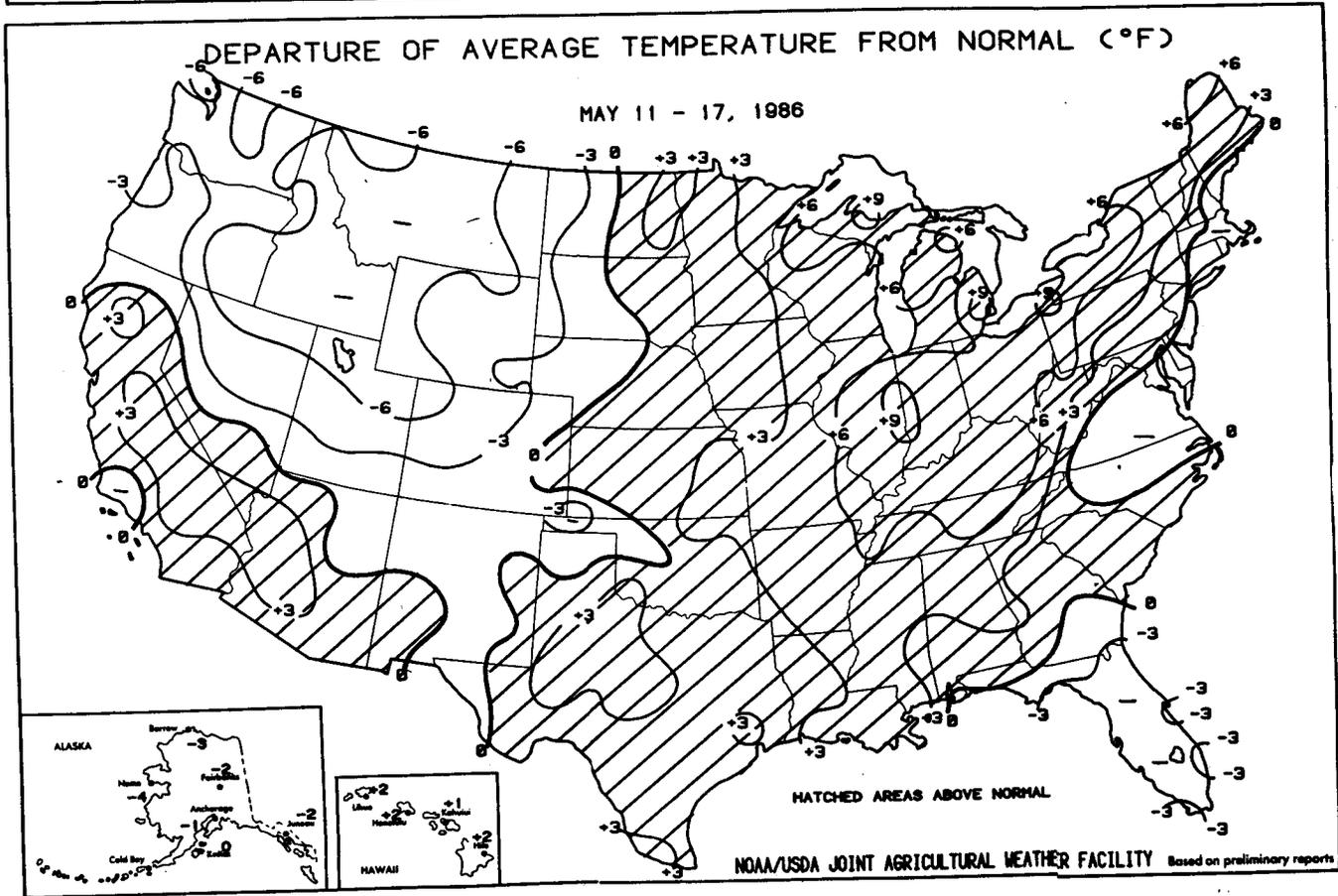
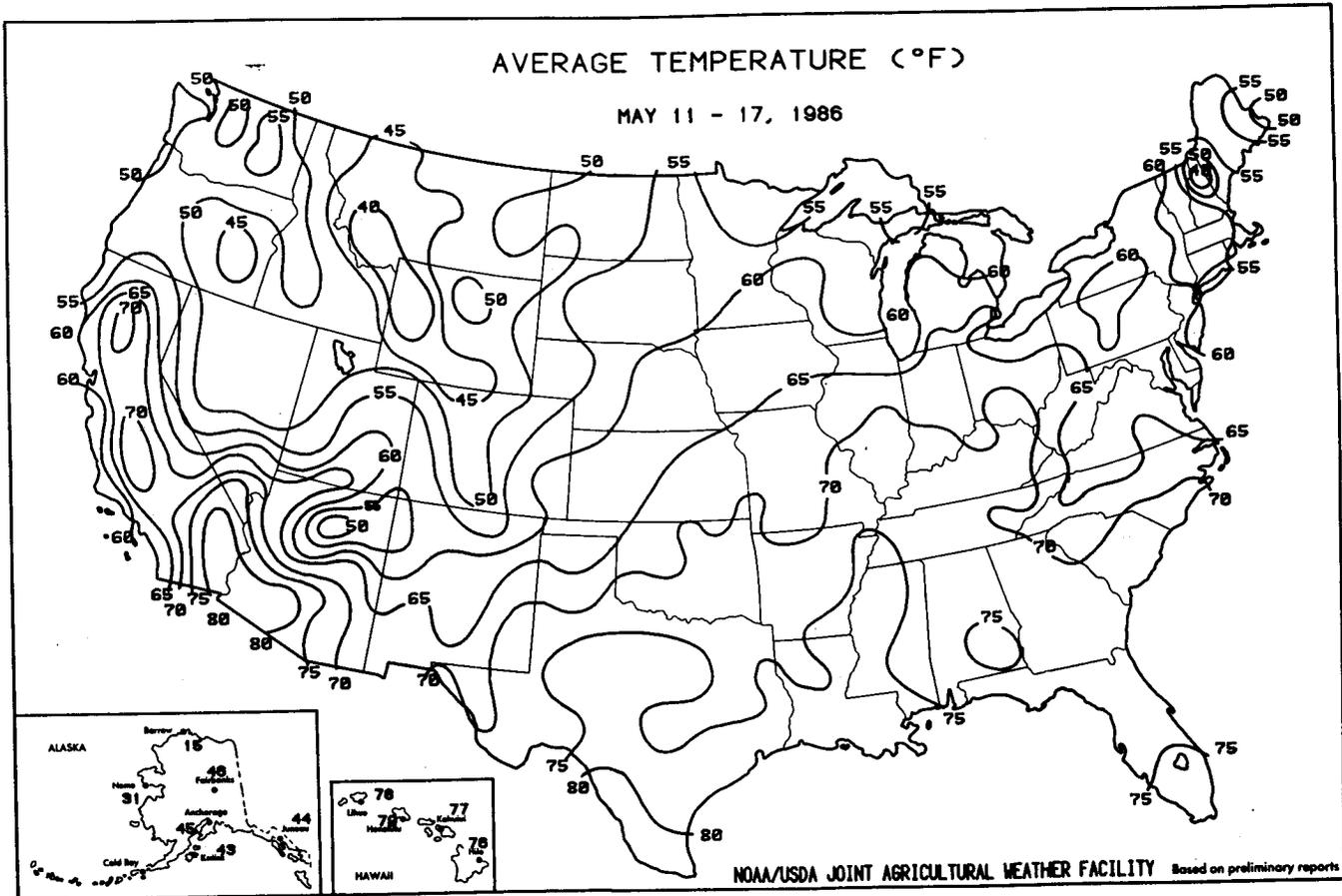
"Many people thought that the lake was going to become dry. Roads, railroads, wildfowl-management areas, recreational facilities, and industrial installations were established on the exposed lakebed. But then the lake began to rise again in response to greater than average precipitation.

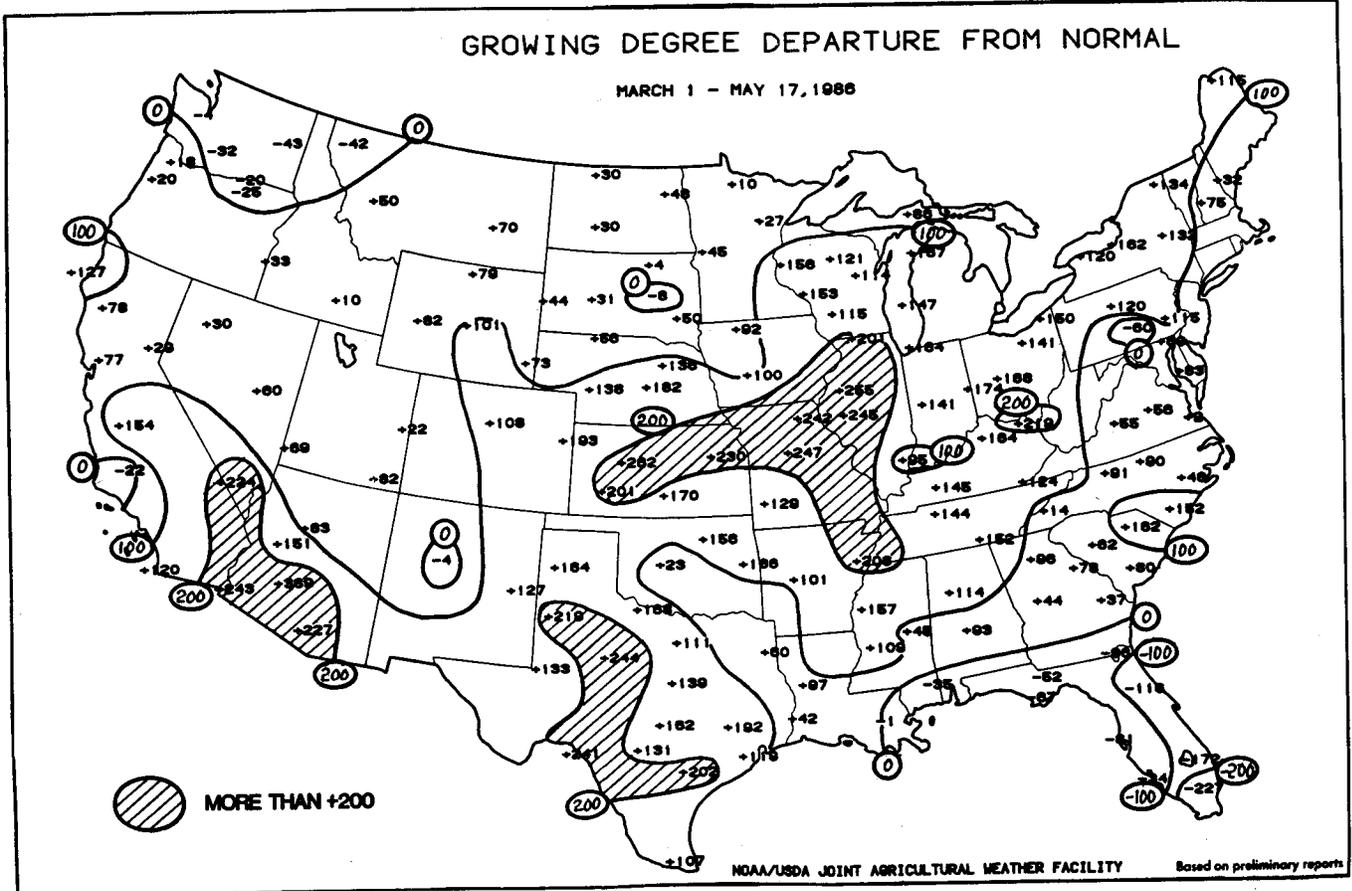
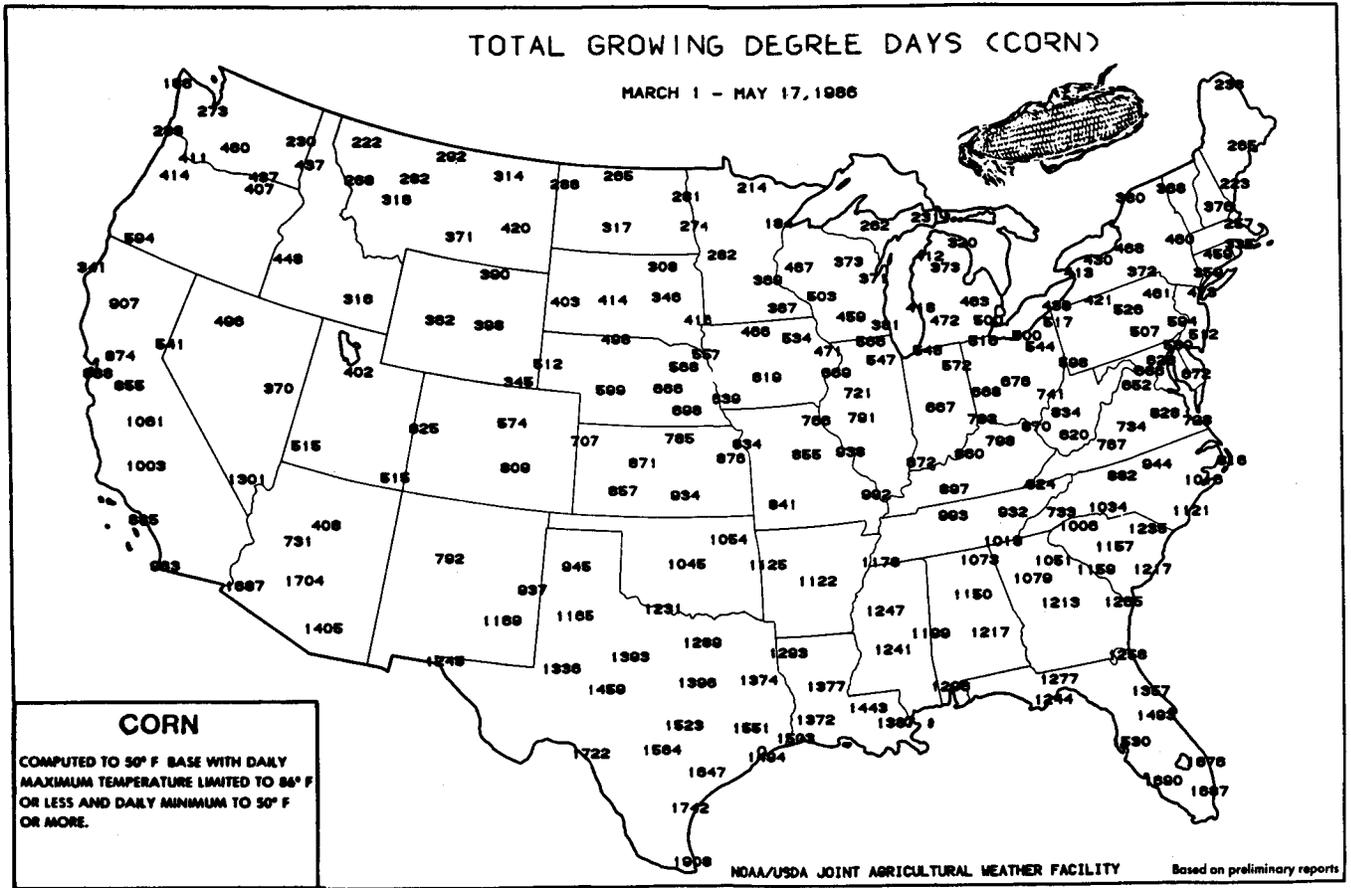
"Early in September 1982, the lake surface was about 4,200 feet—the same level that it was 135 years earlier when the pioneers arrived.

"On September 18, 1982, the lake began to rise in response to a series of storms earlier in the month. Then on September 26, during a record-breaking storm, 2.27 inches of rain was recorded at the Salt Lake City International Airport, the maximum precipitation ever measured for 1 day during the 108 years for which records have been kept for the city. The precipitation of 7.04 inches for the month made it the wettest September on record for the city. The total precipitation at Salt Lake City during 1982 was 22.86 inches, compared to an annual average of 15.63 inches."

Fluctuations of Great Salt Lake, 1847 to April 30, 1986







Cooling Degree Day Data Weekly Summary

COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NASA
ASSESSMENT AND INFORMATION SERVICES CENTER-NCEP-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 5-17-1986
ASSUMPTIONS ARE FROM JANUARY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

Table with columns: STATE CITY, CALL WEEK, WEEK WEEK, CUM CUM CUM CUM CUM, CUM CUM CUM CUM CUM, CUM CUM CUM CUM CUM. Rows list various states and cities with their corresponding cooling degree day data.

National Weather Data for Selected Cities

Weather Data for the Week Ending May 17, 1986

| 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 | TEMPERATURE | | PRECIPITATION | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM | 85 | 63 | 91 | 58 | 74 | 4 | .2 | -.9 | .2 | 3.3 | 23 | 6.2 | 26 | 90 | 42 | 1 | 0 | 2 | 0 |
| AL MOBILE | 82 | 65 | 85 | 62 | 74 | -1 | .3 | -.9 | .3 | 7.0 | 47 | 13.9 | 57 | 97 | 57 | 0 | 0 | 2 | 0 |
| AL MONTGOMERY | 85 | 64 | 90 | 61 | 75 | 3 | .3 | -.9 | .3 | 9.8 | 78 | 17.1 | 80 | 94 | 46 | 1 | 0 | 1 | 0 |
| AK ANCHORAGE | 53 | 37 | 60 | 34 | 45 | -1 | 1.1 | -.1 | 1.1 | 2.6 | 160 | 3.4 | 100 | 79 | 40 | 0 | 0 | 2 | 0 |
| AK BARRROW | 19 | 11 | 24 | 8 | 15 | -3 | .3 | 0 | .3 | .2 | 41 | .5 | 63 | 89 | 73 | 0 | 7 | 0 | 0 |
| AK FAIRBANKS | 55 | 36 | 62 | 31 | 46 | -2 | .1 | 0 | .1 | .6 | 66 | .9 | 47 | 66 | 32 | 0 | 1 | 3 | 0 |
| AK JUNEAU | 49 | 38 | 55 | 34 | 44 | -2 | .4 | -.3 | .3 | 10.4 | 128 | 20.7 | 133 | 94 | 65 | 0 | 0 | 5 | 0 |
| AK KODIAK | 50 | 35 | 57 | 32 | 43 | 0 | .6 | -.3 | .3 | 8.9 | 67 | 25.4 | 91 | 84 | 47 | 0 | 1 | 4 | 0 |
| AK NOME | 39 | 23 | 43 | 20 | 31 | -4 | .4 | -.1 | .4 | .8 | 52 | 1.7 | 61 | 83 | 50 | 0 | 7 | 0 | 0 |
| AZ PHOENIX | 94 | 67 | 95 | 64 | 80 | 4 | 0 | 0 | 0 | 1.6 | 128 | 2.9 | 116 | 25 | 7 | 7 | 0 | 0 | 0 |
| AZ PRESCOTT | 77 | 43 | 80 | 39 | 60 | 3 | 0 | 0 | 0 | 2.0 | 75 | 3.1 | 53 | 44 | 14 | 0 | 0 | 0 | 0 |
| AZ TUCSON | 92 | 57 | 94 | 53 | 74 | 2 | 0 | 0 | 0 | 1.3 | 113 | 3.4 | 131 | 29 | 8 | 6 | 0 | 0 | 0 |
| AZ YUMA | 94 | 66 | 96 | 61 | 80 | 2 | 0 | 0 | 0 | .2 | 46 | .5 | 50 | 52 | 15 | 7 | 0 | 0 | 0 |
| AR FORT SMITH | 84 | 61 | 89 | 57 | 73 | 4 | 3.2 | 2.1 | 1.7 | 13.1 | 121 | 16.8 | 111 | 97 | 49 | 0 | 0 | 2 | 1 |
| AR LITTLE ROCK | 83 | 64 | 88 | 62 | 74 | 4 | 1.2 | 0 | 1.0 | 13.1 | 101 | 16.7 | 82 | 54 | 54 | 0 | 0 | 0 | 0 |
| CA BAKERSFIELD | 85 | 55 | 95 | 49 | 70 | 0 | 0 | -.1 | 0 | 2.4 | 134 | 4.3 | 113 | 57 | 20 | 1 | 0 | 0 | 0 |
| CA EUREKA | 59 | 45 | 60 | 41 | 52 | 0 | 0 | -.4 | 0 | 9.8 | 109 | 27.0 | 127 | 91 | 69 | 0 | 0 | 0 | 0 |
| CA FRESNO | 88 | 54 | 96 | 49 | 71 | 4 | 0 | -.1 | 0 | 3.9 | 131 | 9.7 | 141 | 64 | 20 | 2 | 0 | 0 | 0 |
| CA LOS ANGELES | 68 | 56 | 70 | 54 | 62 | 0 | 0 | 0 | 0 | 5.2 | 183 | 12.9 | 154 | 95 | 63 | 0 | 0 | 0 | 0 |
| CA RED BLUFF | 85 | 56 | 92 | 48 | 71 | 4 | 0 | -.2 | 0 | 8.4 | 192 | 21.9 | 180 | 49 | 16 | 1 | 0 | 0 | 0 |
| CA SACRAMENTO | 85 | 49 | 94 | 45 | 67 | 3 | 0 | -.1 | 0 | 4.1 | 113 | 16.3 | 154 | 86 | 19 | 1 | 0 | 0 | 0 |
| CA SAN DIEGO | 69 | 59 | 74 | 58 | 64 | 1 | 0 | -.1 | 0 | 4.2 | 166 | 7.6 | 125 | 82 | 60 | 0 | 0 | 0 | 0 |
| CA SAN FRANCISCO | 72 | 48 | 80 | 45 | 60 | 2 | 0 | -.1 | 0 | 6.4 | 143 | 18.6 | 151 | 87 | 39 | 0 | 0 | 0 | 1 |
| CO DENVER | 67 | 41 | 80 | 38 | 54 | -3 | .9 | .3 | .7 | 4.2 | 95 | 5.1 | 91 | 80 | 34 | 0 | 0 | 4 | 0 |
| CO GRAND JUNCTION | 69 | 45 | 76 | 42 | 57 | -4 | .4 | .2 | .4 | 2.0 | 103 | 2.5 | 81 | 70 | 24 | 0 | 0 | 2 | 0 |
| CO PUEBLO | 76 | 40 | 87 | 33 | 58 | -3 | .3 | -.3 | .3 | 1.4 | 54 | 1.7 | 57 | 79 | 23 | 0 | 0 | 1 | 0 |
| CT BRIDGEPORT | 66 | 49 | 79 | 42 | 57 | -1 | .3 | -.4 | .3 | 4.1 | 43 | 10.0 | 63 | 82 | 44 | 0 | 0 | 1 | 0 |
| CT HARTFORD | 72 | 44 | 78 | 35 | 58 | -1 | .3 | -.4 | .3 | 4.9 | 49 | 13.3 | 79 | 89 | 38 | 0 | 0 | 2 | 0 |
| DC WASHINGTON | 75 | 55 | 90 | 50 | 65 | 0 | .2 | -.6 | .1 | 2.9 | 35 | 8.8 | 65 | 87 | 49 | 1 | 0 | 0 | 0 |
| FL APALACHICOLA | 80 | 61 | 82 | 57 | 71 | -3 | .2 | -.6 | .2 | 2.5 | 28 | 11.7 | 73 | 94 | 62 | 0 | 0 | 1 | 0 |
| FL DAYTONA BEACH | 81 | 62 | 82 | 53 | 71 | -4 | .4 | -.7 | .4 | 2.6 | 39 | 11.0 | 90 | 90 | 50 | 0 | 0 | 0 | 0 |
| FL JACKSONVILLE | 82 | 58 | 85 | 47 | 70 | -4 | .1 | -.1 | .1 | 6.7 | 70 | 15.6 | 97 | 96 | 48 | 0 | 0 | 0 | 0 |
| FL KEY WEST | 83 | 75 | 84 | 73 | 79 | -2 | .7 | -.7 | .7 | 2.6 | 61 | 5.9 | 75 | 75 | 59 | 0 | 0 | 0 | 0 |
| FL MIAMI | 81 | 68 | 83 | 63 | 75 | -3 | .4 | -.1 | .4 | 13.8 | 173 | 20.6 | 170 | 83 | 52 | 0 | 0 | 1 | 0 |
| FL ORLANDO | 84 | 61 | 88 | 56 | 73 | -5 | .1 | -.7 | .1 | 3.3 | 46 | 12.3 | 103 | 91 | 41 | 0 | 0 | 1 | 0 |
| FL TALLAHASSEE | 85 | 60 | 88 | 54 | 73 | -1 | .1 | -.1 | .1 | 3.0 | 25 | 15.3 | 69 | 94 | 38 | 0 | 0 | 0 | 0 |
| FL TAMPA | 85 | 64 | 86 | 58 | 74 | -3 | .7 | -.7 | .7 | 7.1 | 103 | 10.8 | 89 | 87 | 40 | 0 | 0 | 0 | 1 |
| FL WEST PALM BEACH | 82 | 69 | 82 | 61 | 75 | -2 | .7 | -.6 | .6 | 6.6 | 75 | 14.5 | 103 | 83 | 51 | 0 | 0 | 3 | 0 |
| GA ATLANTA | 82 | 61 | 86 | 59 | 71 | 3 | .7 | -.2 | .5 | 5.5 | 44 | 8.9 | 40 | 94 | 47 | 0 | 0 | 1 | 0 |
| GA AUGUSTA | 85 | 59 | 89 | 47 | 72 | 2 | .8 | 0 | .8 | 5.6 | 55 | 9.5 | 52 | 100 | 47 | 0 | 0 | 1 | 0 |
| GA MACON | 85 | 62 | 90 | 57 | 73 | 1 | .1 | -.8 | .1 | 3.2 | 29 | 8.9 | 46 | 93 | 45 | 1 | 0 | 2 | 0 |
| GA SAVANNAH | 85 | 60 | 91 | 47 | 73 | 0 | .6 | -.4 | .6 | 3.9 | 41 | 11.2 | 72 | 99 | 46 | 1 | 0 | 6 | 0 |
| HI HILO | 83 | 68 | 85 | 67 | 76 | 2 | .9 | -1.3 | .2 | 62.2 | 192 | 67.5 | 122 | 93 | 54 | 0 | 0 | 0 | 0 |
| HI HONOLULU | 87 | 71 | 88 | 69 | 79 | 2 | .4 | -.1 | .2 | 1.3 | 22 | 2.8 | 23 | 84 | 52 | 0 | 0 | 2 | 0 |
| HI KAHULUI | 87 | 67 | 89 | 64 | 77 | 1 | 0 | -.1 | 0 | 7.2 | 160 | 9.4 | 78 | 86 | 49 | 0 | 0 | 0 | 0 |
| HI LIHUE | 82 | 74 | 82 | 70 | 78 | 2 | .6 | -.1 | .6 | 5.0 | 53 | 6.3 | 32 | 87 | 68 | 0 | 0 | 1 | 0 |
| ID BOISE | 64 | 36 | 76 | 28 | 50 | -7 | .1 | -.2 | .1 | 4.5 | 157 | 9.3 | 166 | 79 | 23 | 0 | 3 | 1 | 0 |
| ID LEWISTON | 65 | 42 | 76 | 37 | 53 | -4 | .7 | -.3 | .7 | 1.4 | 49 | 4.1 | 80 | 64 | 26 | 0 | 0 | 1 | 0 |
| ID POCATELLI | 59 | 34 | 67 | 29 | 46 | -7 | .4 | -.1 | .4 | 4.8 | 175 | 8.5 | 181 | 81 | 27 | 0 | 2 | 2 | 0 |
| IL CHICAGO | 73 | 51 | 80 | 47 | 62 | 4 | 1.8 | 1.2 | 1.4 | 5.2 | 65 | 8.1 | 74 | 95 | 58 | 0 | 0 | 5 | 2 |
| IL MOLINE | 75 | 55 | 83 | 53 | 65 | 5 | 3.5 | 2.6 | 2.4 | 8.4 | 92 | 11.3 | 94 | 96 | 56 | 0 | 0 | 5 | 1 |
| IL PEORIA | 77 | 56 | 83 | 51 | 67 | 6 | 1.7 | -.9 | 1.4 | 4.3 | 48 | 6.3 | 53 | 99 | 58 | 0 | 0 | 4 | 1 |
| IL QUINCY | 76 | 55 | 83 | 49 | 65 | 3 | 3.1 | 2.1 | 2.3 | 7.4 | 78 | 9.6 | 79 | 98 | 58 | 0 | 0 | 5 | 2 |
| IL ROCKFORD | 72 | 54 | 78 | 51 | 63 | 5 | 3.7 | 2.9 | 2.1 | 7.0 | 79 | 10.1 | 88 | 96 | 65 | 0 | 0 | 5 | 2 |
| IL SPRINGFIELD | 80 | 58 | 84 | 52 | 69 | 6 | .4 | -.4 | .4 | 4.1 | 45 | 5.9 | 48 | 95 | 50 | 0 | 0 | 4 | 0 |
| IN EVANSVILLE | 82 | 64 | 86 | 62 | 73 | 8 | 1.0 | -.1 | .4 | 6.0 | 54 | 12.9 | 75 | 97 | 57 | 0 | 0 | 4 | 0 |
| IN FORT WAYNE | 76 | 56 | 84 | 51 | 66 | 7 | .4 | -.4 | .3 | 7.4 | 88 | 11.0 | 89 | 90 | 49 | 0 | 0 | 3 | 0 |
| IN INDIANAPOLIS | 76 | 59 | 82 | 50 | 68 | 6 | 2.8 | 2.0 | 1.3 | 13.4 | 144 | 17.0 | 118 | 97 | 59 | 0 | 0 | 5 | 3 |
| IN SOUTH BEND | 74 | 53 | 81 | 45 | 63 | 5 | 1.3 | .7 | .8 | 6.3 | 72 | 10.0 | 76 | 95 | 54 | 0 | 0 | 4 | 1 |
| IA DES MOINES | 71 | 52 | 81 | 47 | 62 | 0 | 1.9 | 1.0 | .9 | 12.4 | 166 | 14.3 | 149 | 92 | 55 | 0 | 0 | 5 | 2 |
| IA SIOUX CITY | 73 | 51 | 84 | 46 | 62 | 2 | .8 | .1 | .7 | 10.7 | 186 | 11.5 | 158 | 91 | 47 | 0 | 0 | 2 | 1 |
| IA WATERLOO | 71 | 52 | 78 | 46 | 61 | 3 | 1.7 | .8 | 1.1 | 7.3 | 91 | 10.1 | 103 | 96 | 62 | 0 | 0 | 4 | 1 |
| KS CONCORDIA | 74 | 52 | 80 | 46 | 63 | 0 | 2.9 | 2.0 | 1.8 | 8.9 | 145 | 10.1 | 133 | 94 | 55 | 0 | 0 | 3 | 2 |
| KS DODGE CITY | 78 | 49 | 87 | 42 | 64 | 1 | .1 | -.7 | .1 | 2.7 | 53 | 3.1 | 51 | 90 | 35 | 0 | 0 | 1 | 0 |
| KS GOODLAND | 72 | 45 | 90 | 38 | 59 | 1 | 2.4 | 1.7 | 1.7 | 4.5 | 121 | 4.9 | 111 | 88 | 34 | 1 | 0 | 4 | 2 |
| KS TOPEKA | 77 | 57 | 87 | 50 | 67 | 3 | 2.8 | 2.0 | 1.0 | 11.9 | 164 | 13.5 | 147 | 96 | 55 | 0 | 0 | 5 | 3 |
| KS WICHITA | 79 | 55 | 87 | 48 | 67 | 2 | 2.0 | 1.2 | 1.1 | 5.6 | 88 | 6.8 | 87 | 93 | 49 | 0 | 0 | 3 | 2 |
| KY BOWLING GREEN | 81 | 62 | 85 | 58 | 72 | 6 | 1.6 | .7 | 1.5 | 7.0 | 59 | 11.8 | 58 | 94 | 52 | 0 | 0 | 3 | 1 |
| KY LEXINGTON | 79 | 62 | 85 | 59 | 70 | 7 | 1.1 | .1 | .8 | 5.7 | 51 | 8.8 | 49 | 95 | 60 | 0 | 0 | 5 | 0 |
| KY LOUISVILLE | 80 | 64 | 85 | 62 | 72 | 7 | .5 | -.5 | .3 | 6.3 | 43 | 9.4 | 39 | 86 | 57 | 0 | 0 | 2 | 0 |
| LA ALEXANDRIA | 85 | 65 | 88 | 62 | 75 | 1 | .3 | -.1 | .3 | 6.1 | 46 | 12.6 | 62 | 92 | 49 | 2 | 0 | 2 | 1 |
| LA BATON ROUGE | 87 | 70 | 91 | 68 | 79 | 4 | 1.8 | .6 | 1.7 | 7.5 | 57 | 10.2 | 56 | 98 | 55 | 0 | 0 | 2 | 1 |
| LA LAKE CHARLES | 86 | 67 | 88 | 62 | 77 | 2 | .6 | -.6 | .6 | 6.5 | 57 | 10.2 | 56 | 98 | 55 | 0 | 0 | 2 | 0 |
| LA NEW ORLEANS | 86 | 70 | 90 | 68 | 78 | 3 | .2 | -.1 | .1 | 3.6 | 29 | 10.0 | 45 | 97 | 56 | 1 | 0 | 2 | 0 |

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Weather Data for the Week Ending May 17, 1986

| 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 | TEMPERA- TURE | | PRECIPI- TATION | | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 52 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE | |
| SHREVEPORT | 85 | 64 | 90 | 59 | 74 | 2 | 1.8 | -.7 | 1.8 | 7.9 | 70 | 11.8 | 63 | 100 | 54 | 1 | 0 | 1 | 1 | |
| ME CARIBOU | 71 | 42 | 81 | 34 | 56 | 7 | T | -.6 | T | 4.8 | 73 | 10.8 | 97 | 75 | 27 | 0 | 0 | 0 | 0 | |
| PORTLAND | 62 | 40 | 68 | 35 | 51 | -1 | .1 | -.7 | T | 8.2 | 84 | 17.4 | 102 | 90 | 46 | 0 | 0 | 0 | 0 | |
| MD BALTIMORE | 75 | 52 | 89 | 45 | 64 | 1 | T | -.7 | T | 3.6 | 41 | 9.5 | 64 | 90 | 46 | 0 | 0 | 0 | 0 | |
| SALISBURY | 74 | 50 | 89 | 36 | 62 | 0 | T | -.8 | T | 2.6 | 28 | 10.6 | 67 | 94 | 45 | 0 | 0 | 0 | 0 | |
| MA BOSTON | 64 | 47 | 81 | 43 | 56 | -2 | .2 | -.5 | T | 5.3 | 54 | 11.6 | 66 | 85 | 44 | 0 | 0 | 0 | 0 | |
| CHATHAM | 56 | 44 | 61 | 41 | 50 | -2 | .2 | -.7 | T | 5.6 | 55 | 11.2 | 60 | 60 | 41 | 0 | 0 | 0 | 0 | |
| MI ALPENA | 66 | 44 | 71 | 34 | 55 | 4 | 1.4 | -.8 | T | 5.5 | 93 | 7.6 | 84 | 99 | 56 | 0 | 0 | 0 | 0 | |
| DETROIT | 75 | 56 | 79 | 48 | 66 | 9 | 1.1 | -.4 | T | 5.5 | 77 | 10.3 | 96 | 87 | 45 | 0 | 0 | 0 | 0 | |
| FLINT | 74 | 51 | 82 | 45 | 62 | 7 | .2 | -.4 | T | 4.7 | 70 | 7.5 | 77 | 86 | 44 | 0 | 0 | 0 | 0 | |
| GRAND RAPIDS | 74 | 50 | 80 | 45 | 62 | 5 | 1.6 | 1.0 | T | 6.5 | 85 | 10.9 | 98 | 95 | 51 | 0 | 0 | 0 | 0 | |
| HOUGHTON LAKE | 71 | 49 | 76 | 41 | 60 | 7 | .6 | 0 | T | 4.6 | 78 | 7.4 | 86 | 91 | 47 | 0 | 0 | 0 | 0 | |
| LANSING | 73 | 48 | 80 | 39 | 60 | 4 | .5 | 0 | T | 4.1 | 64 | 7.6 | 78 | 91 | 42 | 0 | 0 | 0 | 0 | |
| MARQUETTE | 69 | 49 | 78 | 46 | 59 | 10 | T | -.9 | T | 7.2 | 83 | 11.3 | 90 | 87 | 42 | 0 | 0 | 0 | 0 | |
| MUSKEGON | 73 | 49 | 82 | 44 | 61 | 6 | 1.6 | 1.0 | T | 5.0 | 71 | 8.7 | 78 | 94 | 51 | 0 | 0 | 0 | 0 | |
| SAULT STE. MARIE | 67 | 45 | 72 | 42 | 56 | 7 | 1.1 | -.4 | T | 7.0 | 118 | 9.7 | 99 | 95 | 54 | 0 | 0 | 0 | 0 | |
| MN ALEXANDRIA | 66 | 48 | 75 | 41 | 57 | 2 | .5 | -.1 | T | 10.0 | 209 | 12.1 | 192 | 93 | 47 | 0 | 0 | 0 | 0 | |
| DULUTH | 63 | 44 | 73 | 41 | 54 | 4 | 1.3 | -.6 | T | 7.6 | 138 | 9.0 | 118 | 97 | 64 | 0 | 0 | 0 | 0 | |
| INT'L FALLS | 66 | 43 | 74 | 37 | 55 | 2 | .8 | -.4 | T | 4.1 | 104 | 5.6 | 102 | 94 | 39 | 0 | 0 | 0 | 0 | |
| MINNEAPOLIS | 69 | 51 | 76 | 42 | 60 | 3 | 1.3 | -.5 | T | 10.6 | 200 | 12.4 | 177 | 94 | 54 | 0 | 0 | 0 | 0 | |
| ROCHESTER | 67 | 51 | 74 | 44 | 59 | 3 | 1.3 | -.5 | T | 8.3 | 138 | 9.5 | 128 | 97 | 67 | 0 | 0 | 0 | 0 | |
| MS GREENWOOD | 84 | 67 | 88 | 62 | 76 | 4 | 2.0 | 1.2 | T | 7.2 | 49 | 9.2 | 38 | 95 | 55 | 0 | 0 | 0 | 0 | |
| JACKSON | 85 | 65 | 89 | 59 | 75 | 3 | .8 | -.3 | T | 6.1 | 41 | 8.3 | 34 | 97 | 49 | 0 | 0 | 0 | 0 | |
| MERIDIAN | 83 | 64 | 86 | 60 | 73 | 2 | 1.6 | 1.0 | T | 7.0 | 48 | 10.4 | 43 | 98 | 54 | 0 | 0 | 0 | 0 | |
| MO CAPE GIRARDEAU | 81 | 63 | 86 | 61 | 72 | -1 | 9.1 | 8.0 | T | 15.6 | 127 | 19.3 | 106 | 96 | 64 | 0 | 0 | 0 | 0 | |
| COLUMBIA | 79 | 56 | 84 | 48 | 68 | 4 | 4.1 | 3.1 | T | 8.5 | 90 | 12.7 | 98 | 98 | 55 | 0 | 0 | 0 | 0 | |
| KANSAS CITY | 75 | 56 | 84 | 50 | 66 | 2 | 2.5 | 1.5 | T | 7.9 | 100 | 9.2 | 90 | 98 | 53 | 0 | 0 | 0 | 0 | |
| SAINT LOUIS | 81 | 60 | 86 | 53 | 71 | 6 | 1.0 | .3 | T | 3.8 | 43 | 8.6 | 68 | 96 | 52 | 0 | 0 | 0 | 0 | |
| SPRINGFIELD | 78 | 58 | 82 | 53 | 68 | 4 | 1.5 | .5 | T | 8.4 | 86 | 10.4 | 77 | 97 | 61 | 0 | 0 | 0 | 0 | |
| MT BILLINGS | 60 | 37 | 69 | 32 | 48 | -6 | T | -.6 | T | 5.6 | 132 | 7.7 | 131 | 67 | 24 | 0 | 0 | 0 | 0 | |
| GLASGOW | 59 | 37 | 71 | 33 | 48 | -6 | .3 | -.1 | T | 3.1 | 147 | 3.9 | 134 | 86 | 37 | 0 | 0 | 0 | 0 | |
| GREAT FALLS | 56 | 35 | 65 | 33 | 45 | -8 | .4 | -.2 | T | 4.2 | 114 | 5.5 | 102 | 85 | 35 | 0 | 0 | 0 | 0 | |
| HAVRE | 56 | 36 | 68 | 28 | 46 | -8 | .9 | -.6 | T | 3.2 | 132 | 4.2 | 124 | 83 | 44 | 0 | 0 | 0 | 0 | |
| HELENA | 58 | 33 | 69 | 28 | 45 | -6 | .1 | -.3 | T | 2.2 | 88 | 3.8 | 106 | 77 | 28 | 0 | 0 | 0 | 0 | |
| KALISPELL | 55 | 35 | 61 | 29 | 45 | -6 | T | -.3 | T | 2.8 | 104 | 6.9 | 128 | 80 | 36 | 0 | 0 | 0 | 0 | |
| MILES CITY | 66 | 37 | 75 | 31 | 52 | -5 | .5 | -.4 | T | 4.3 | 139 | 5.5 | 131 | 81 | 26 | 0 | 0 | 0 | 0 | |
| MISSOULA | 56 | 31 | 66 | 27 | 44 | -8 | .3 | -.1 | T | 2.3 | 65 | 5.3 | 108 | 96 | 40 | 0 | 0 | 0 | 0 | |
| NE GRAND ISLAND | 73 | 50 | 83 | 44 | 62 | 1 | 1.1 | -.3 | T | 6.4 | 104 | 6.9 | 92 | 89 | 44 | 0 | 0 | 0 | 0 | |
| LINCOLN | 74 | 53 | 81 | 48 | 64 | 1 | 1.4 | .5 | T | 1.3 | 10.7 | 158 | 11.3 | 135 | 91 | 50 | 0 | 0 | 0 | |
| NORFOLK | 72 | 51 | 82 | 44 | 61 | 1 | 1.5 | .7 | T | 9.4 | 167 | 10.6 | 154 | 88 | 42 | 0 | 0 | 0 | 0 | |
| NORTH PLATTE | 71 | 44 | 85 | 35 | 57 | 0 | 1.3 | .5 | T | 5.8 | 125 | 7.0 | 125 | 92 | 37 | 0 | 0 | 0 | 0 | |
| OMAHA | 72 | 54 | 80 | 48 | 63 | 2 | 1.6 | .6 | T | 1.3 | 13.2 | 189 | 14.1 | 164 | 88 | 56 | 0 | 0 | 0 | |
| SCOTTSDLUFF | 68 | 40 | 82 | 34 | 54 | -2 | .7 | -.1 | T | 4.5 | 121 | 6.5 | 144 | 91 | 30 | 0 | 0 | 0 | 0 | |
| VALENTINE | 70 | 43 | 86 | 30 | 56 | 0 | T | -.6 | T | 5.3 | 130 | 6.1 | 124 | 76 | 30 | 0 | 0 | 0 | 0 | |
| NV ELY | 64 | 28 | 71 | 21 | 46 | -3 | 0 | -.3 | T | 3.3 | 133 | 4.3 | 110 | 80 | 20 | 0 | 0 | 0 | 0 | |
| LAS VEGAS | 89 | 63 | 93 | 58 | 76 | 3 | 0 | -.1 | T | .4 | 52 | .8 | 44 | 26 | 7 | 3 | 0 | 0 | 0 | |
| RENO | 73 | 37 | 80 | 31 | 55 | 0 | 0 | -.2 | T | 1.8 | 110 | 7.0 | 184 | 71 | 17 | 0 | 0 | 0 | 0 | |
| WINNEMUCCA | 67 | 30 | 75 | 26 | 48 | -6 | 0 | -.2 | T | 2.0 | 109 | 3.2 | 94 | 75 | 17 | 0 | 0 | 0 | 0 | |
| NH CONCORD | 71 | 38 | 79 | 32 | 55 | 0 | .1 | -.6 | T | 5.8 | 77 | 13.0 | 102 | 96 | 36 | 0 | 0 | 0 | 0 | |
| NJ ATLANTIC CITY | 70 | 45 | 90 | 33 | 58 | -2 | 0 | -.7 | T | 6.5 | 72 | 13.7 | 87 | 93 | 40 | 1 | 0 | 0 | 0 | |
| NM ALBUQUERQUE | 77 | 47 | 82 | 39 | 62 | -1 | .7 | -.5 | T | 1.4 | 116 | 2.6 | 130 | 38 | 16 | 0 | 0 | 0 | 0 | |
| CLOVIS | 82 | 51 | 89 | 39 | 67 | 2 | .2 | -.3 | T | .8 | 30 | 2.0 | 57 | 52 | 18 | 0 | 0 | 0 | 0 | |
| ROSWELL | 86 | 53 | 93 | 43 | 70 | 0 | T | -.2 | T | .4 | 43 | 1.6 | 107 | 36 | 14 | 3 | 0 | 0 | 0 | |
| NY ALBANY | 72 | 48 | 78 | 41 | 60 | 3 | .6 | -.2 | T | 5.9 | 76 | 12.1 | 98 | 92 | 44 | 0 | 0 | 0 | 0 | |
| BINGHAMTON | 69 | 49 | 74 | 44 | 59 | 5 | .6 | -.1 | T | 6.9 | 89 | 13.0 | 103 | 83 | 44 | 0 | 0 | 0 | 0 | |
| BUFFALO | 74 | 50 | 78 | 42 | 62 | 1 | .1 | -.7 | T | 5.4 | 70 | 10.3 | 79 | 84 | 41 | 0 | 0 | 0 | 0 | |
| NEW YORK | 70 | 53 | 85 | 48 | 61 | 0 | .3 | -.2 | T | 6.1 | 94 | 10.2 | 91 | 89 | 39 | 0 | 0 | 0 | 0 | |
| ROCHESTER | 74 | 50 | 81 | 39 | 62 | 6 | .3 | -.2 | T | 6.8 | 83 | 11.4 | 85 | 86 | 41 | 0 | 0 | 0 | 0 | |
| SYRACUSE | 76 | 51 | 81 | 42 | 63 | 7 | .5 | -.2 | T | 4.4 | 83 | 6.9 | 38 | 99 | 57 | 0 | 0 | 0 | 0 | |
| NC ASHEVILLE | 75 | 55 | 81 | 46 | 65 | 2 | .2 | -.8 | T | 3.9 | 35 | 6.2 | 35 | 92 | 53 | 0 | 0 | 0 | 0 | |
| CHARLOTTE | 78 | 58 | 85 | 48 | 68 | 0 | T | -.8 | T | 4.2 | 42 | 6.2 | 35 | 97 | 62 | 0 | 0 | 0 | 0 | |
| GREENSBORO | 74 | 53 | 85 | 42 | 63 | -3 | .6 | -.2 | T | 3.1 | 35 | 5.5 | 65 | 94 | 58 | 0 | 0 | 0 | 0 | |
| HATTERAS | 73 | 59 | 78 | 55 | 66 | 0 | 1.5 | .6 | T | 4.7 | 50 | 11.8 | 65 | 94 | 46 | 0 | 0 | 0 | 0 | |
| NEW BERN | 80 | 58 | 87 | 44 | 69 | 0 | .9 | -.1 | T | 5.5 | 62 | 10.5 | 62 | 92 | 48 | 0 | 0 | 0 | 0 | |
| RALEIGH | 76 | 55 | 86 | 39 | 66 | -1 | T | -.8 | T | 4.1 | 48 | 7.7 | 49 | 94 | 49 | 0 | 0 | 0 | 0 | |
| WILMINGTON | 81 | 59 | 86 | 43 | 70 | 0 | .7 | -.2 | T | 5.4 | 59 | 10.0 | 62 | 94 | 51 | 0 | 0 | 0 | 0 | |
| ND BISMARCK | 66 | 40 | 79 | 31 | 53 | -1 | .2 | -.3 | T | 5.7 | 173 | 6.3 | 147 | 86 | 33 | 0 | 0 | 0 | 0 | |
| FARGO | 68 | 46 | 75 | 35 | 57 | 2 | T | -.5 | T | 6.0 | 152 | 7.1 | 145 | 86 | 41 | 0 | 0 | 0 | 0 | |
| GRAND FORKS | 70 | 46 | 75 | 37 | 58 | 4 | 1.4 | .9 | T | 4.0 | 130 | 4.9 | 114 | 86 | 35 | 0 | 0 | 0 | 0 | |
| WILLISTON | 62 | 37 | 72 | 29 | 50 | -4 | .6 | -.4 | T | 5.6 | 205 | 6.6 | 174 | 88 | 38 | 0 | 0 | 0 | 0 | |
| OH AKRON-CANTON | 75 | 54 | 82 | 45 | 64 | 6 | T | -.3 | T | 4.9 | 57 | 9.4 | 71 | 90 | 50 | 0 | 0 | 0 | 0 | |
| CINCINNATI | 79 | 60 | 84 | 52 | 69 | 7 | .9 | .1 | T | 7.2 | 75 | 11.0 | 71 | 97 | 64 | 0 | 0 | 0 | 0 | |
| CLEVELAND | 75 | 53 | 84 | 43 | 64 | 7 | 1.3 | .6 | T | 8.3 | 103 | 13.6 | 106 | 91 | 50 | 0 | 0 | 0 | 0 | |
| COLUMBUS | 79 | 58 | 87 | 52 | 69 | 8 | .6 | -.2 | T | 4.7 | 54 | 9.2 | 68 | 90 | 47 | 0 | 0 | 0 | 0 | |

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

Weather Data for the Week Ending May 17, 1986

| 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 | TEMPERATURE °F | | PRECIPITATION | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| DAYTON | 79 | 60 | 84 | 54 | 69 | 8 | .8 | -.1 | .6 | 8.1 | 95 | 13.4 | 102 | 90 | 51 | 0 | 0 | 6 | 1 |
| TOLEDO | 74 | 52 | 82 | 45 | 63 | 5 | .7 | -.1 | .5 | 6.5 | 90 | 10.0 | 91 | 92 | 47 | 0 | 0 | 3 | 0 |
| YOUNGSTOWN | 75 | 50 | 82 | 41 | 63 | 6 | .2 | -.5 | .5 | 4.8 | 56 | 7.9 | 59 | 91 | 52 | 0 | 0 | 3 | 0 |
| OK OKLAHOMA CITY | 79 | 58 | 90 | 49 | 68 | 2 | 4.6 | 3.3 | 2.5 | 13.3 | 168 | 14.0 | 137 | 96 | 58 | 1 | 0 | 3 | 2 |
| TULSA | 79 | 62 | 86 | 55 | 70 | 2 | 2.5 | 3.3 | 1.6 | 11.7 | 117 | 12.9 | 98 | 96 | 66 | 0 | 0 | 4 | 2 |
| OR ASTORIA | 58 | 41 | 67 | 35 | 49 | -3 | 1.1 | -.4 | .6 | 11.4 | 84 | 32.0 | 98 | 94 | 60 | 0 | 0 | 3 | 1 |
| BURNS | 61 | 28 | 75 | 25 | 45 | -7 | 0 | 0 | 0 | 1.9 | 145 | 6.8 | 309 | — | — | 5 | 0 | 0 | 0 |
| MEDFORD | 73 | 38 | 86 | 33 | 55 | -2 | 0 | 0 | 0 | 2.3 | 65 | 9.6 | 105 | 87 | 23 | 0 | 0 | 0 | 0 |
| PENDLETON | 64 | 41 | 77 | 37 | 53 | 0 | 0 | 0 | 0 | 2.2 | 80 | 6.4 | 116 | 67 | 26 | 0 | 0 | 0 | 0 |
| PORTLAND | 64 | 44 | 77 | 37 | 54 | -3 | .2 | -.3 | .1 | 6.0 | 84 | 16.0 | 93 | 90 | 43 | 0 | 0 | 3 | 0 |
| SALEM | 64 | 39 | 76 | 33 | 52 | -3 | .1 | -.4 | .1 | 5.9 | 75 | 20.4 | 105 | 95 | 45 | 0 | 0 | 1 | 0 |
| PA ALLENTOWN | 73 | 48 | 85 | 40 | 61 | 2 | .9 | -.8 | .4 | 6.5 | 66 | 15.1 | 93 | 81 | 42 | 0 | 0 | 0 | 0 |
| BRIE | 73 | 53 | 79 | 41 | 63 | 2 | .5 | -.2 | .4 | 6.3 | 77 | 11.4 | 89 | 82 | 49 | 0 | 0 | 2 | 0 |
| HARRISBURG | 72 | 52 | 84 | 43 | 62 | 2 | .5 | -.4 | .5 | 7.9 | 91 | 14.7 | 102 | 83 | 44 | 0 | 0 | 1 | 0 |
| PHILADELPHIA | 75 | 53 | 88 | 47 | 64 | 1 | .2 | -.7 | .5 | 5.8 | 64 | 13.3 | 89 | 80 | 38 | 0 | 0 | 1 | 0 |
| PITTSBURGH | 76 | 53 | 85 | 44 | 65 | 3 | .3 | -.5 | .1 | 4.1 | 47 | 10.0 | 71 | 82 | 41 | 0 | 0 | 5 | 0 |
| SCRANTON | 73 | 50 | 80 | 42 | 61 | 6 | .6 | -.7 | .7 | 7.3 | 100 | 12.5 | 107 | 81 | 40 | 0 | 0 | 1 | 0 |
| RI PROVIDENCE | 65 | 45 | 75 | 38 | 55 | -2 | .0 | -.8 | .8 | 5.3 | 52 | 14.4 | 80 | 87 | 42 | 0 | 0 | 0 | 0 |
| SC CHARLESTON | 83 | 62 | 86 | 50 | 72 | 2 | .8 | -.2 | .8 | 4.3 | 48 | 10.5 | 67 | 99 | 49 | 0 | 0 | 1 | 0 |
| COLUMBIA | 84 | 58 | 86 | 40 | 71 | 0 | .3 | -.9 | .3 | 3.6 | 34 | 6.2 | 32 | 91 | 41 | 0 | 0 | 0 | 0 |
| FLORENCE | 80 | 60 | 89 | 46 | 72 | 1 | .3 | -.4 | .3 | 4.0 | 46 | 6.3 | 40 | 93 | 43 | 0 | 0 | 1 | 0 |
| GREENVILLE | 80 | 59 | 84 | 51 | 69 | 1 | 2.2 | 1.3 | 1.3 | 6.0 | 48 | 8.5 | 40 | 98 | 54 | 0 | 0 | 4 | 2 |
| SD ABERDEEN | 68 | 45 | 79 | 35 | 56 | 0 | .2 | -.6 | .6 | 10.7 | 252 | 11.7 | 217 | 89 | 38 | 0 | 0 | 0 | 0 |
| HURON | 68 | 45 | 75 | 35 | 57 | 0 | .2 | -.4 | .1 | 8.8 | 192 | 9.7 | 167 | 92 | 43 | 0 | 0 | 2 | 0 |
| RAPID CITY | 64 | 39 | 78 | 33 | 52 | -3 | .3 | -.6 | .7 | 7.1 | 164 | 8.5 | 157 | 80 | 32 | 0 | 0 | 0 | 0 |
| SIOUX FALLS | 70 | 47 | 80 | 40 | 59 | 1 | .3 | -.4 | .2 | 8.6 | 155 | 9.4 | 134 | 90 | 48 | 0 | 0 | 3 | 0 |
| TN CHATTANOOGA | 83 | 63 | 88 | 60 | 73 | 6 | .6 | -.9 | .0 | 2.7 | 21 | 7.4 | 32 | 95 | 49 | 0 | 0 | 0 | 0 |
| KNOXVILLE | 83 | 59 | 88 | 57 | 71 | 4 | .0 | -.8 | .0 | 3.9 | 35 | 8.9 | 44 | 92 | 46 | 0 | 0 | 0 | 0 |
| MEMPHIS | 84 | 68 | 89 | 64 | 76 | 5 | 1.3 | .1 | .7 | 7.7 | 54 | 10.8 | 47 | 95 | 54 | 0 | 0 | 3 | 2 |
| NASHVILLE | 85 | 63 | 89 | 59 | 74 | 6 | .1 | -1.0 | -.1 | 2.9 | 23 | 6.7 | 32 | 91 | 43 | 0 | 0 | 1 | 0 |
| TX ABILENE | 89 | 65 | 98 | 49 | 77 | 5 | .9 | -.2 | .9 | 2.5 | 47 | 4.0 | 56 | 81 | 41 | 5 | 0 | 1 | 1 |
| AMARILLO | 79 | 48 | 91 | 42 | 64 | -1 | .5 | -.1 | .4 | 1.5 | 45 | 2.5 | 58 | 87 | 33 | 2 | 0 | 3 | 0 |
| AUSTIN | 83 | 66 | 89 | 61 | 74 | 0 | 2.5 | 1.5 | 1.4 | 8.7 | 122 | 10.3 | 92 | 95 | 63 | 0 | 0 | 4 | 2 |
| BEAUMONT | 86 | 67 | 90 | 61 | 77 | 1 | 1.7 | .7 | .9 | 9.7 | 102 | 12.6 | 72 | 96 | 57 | 1 | 0 | 2 | 2 |
| BROWNSVILLE | 87 | 74 | 89 | 69 | 81 | 2 | .8 | -.5 | .7 | 1.6 | 50 | 2.8 | 47 | 96 | 60 | 0 | 0 | 0 | 0 |
| CORPUS CHRISTI | 86 | 70 | 89 | 63 | 78 | 2 | .8 | -.2 | .6 | 3.3 | 75 | 6.1 | 80 | 98 | 63 | 0 | 0 | 2 | 1 |
| DEL RIO | 86 | 69 | 97 | 65 | 78 | 0 | .7 | -.2 | .7 | 2.1 | 58 | 4.0 | 80 | 81 | 45 | 2 | 0 | 2 | 1 |
| EL PASO | 86 | 54 | 90 | 45 | 70 | -1 | .0 | -.1 | .0 | 4.7 | 64 | 8.8 | 57 | 22 | 10 | 1 | 0 | 0 | 0 |
| FORT WORTH | 83 | 65 | 88 | 58 | 74 | 1 | 1.4 | -.1 | 1.4 | 9.9 | 116 | 12.3 | 102 | 92 | 57 | 0 | 0 | 1 | 1 |
| GALVESTON | 82 | 71 | 83 | 65 | 76 | 1 | .3 | -.4 | .3 | 4.2 | 65 | 6.6 | 56 | 90 | 69 | 0 | 0 | 1 | 0 |
| HOUSTON | 87 | 67 | 91 | 60 | 77 | 3 | .7 | -.3 | .6 | 6.7 | 70 | 10.2 | 64 | 91 | 51 | 2 | 0 | 2 | 0 |
| LUBBOCK | 87 | 55 | 95 | 41 | 71 | 2 | .3 | -.3 | .3 | 1.4 | 43 | 2.3 | 55 | 84 | 29 | 4 | 0 | 0 | 0 |
| MIDLAND | 92 | 59 | 97 | 47 | 76 | 4 | .0 | -.5 | .0 | .2 | 10 | .6 | 17 | 88 | 15 | 6 | 0 | 1 | 0 |
| SAN ANGELO | 89 | 64 | 94 | 50 | 76 | 3 | .9 | -.3 | .7 | 3.3 | 85 | 4.2 | 78 | 87 | 35 | 4 | 0 | 2 | 1 |
| SAN ANTONIO | 84 | 66 | 92 | 59 | 75 | 0 | .8 | -.1 | .6 | 2.5 | 40 | 5.8 | 61 | 95 | 58 | 2 | 0 | 3 | 1 |
| VICTORIA | 85 | 69 | 88 | 62 | 77 | 1 | .7 | -.3 | .7 | 4.9 | 78 | 6.5 | 63 | 98 | 58 | 0 | 0 | 2 | 1 |
| WACO | 85 | 66 | 92 | 61 | 76 | 2 | 1.2 | 0 | 1.1 | 8.3 | 98 | 12.9 | 106 | 95 | 57 | 2 | 0 | 2 | 1 |
| WICHITA FALLS | 84 | 59 | 93 | 52 | 71 | 0 | 1.4 | .4 | .8 | 6.4 | 88 | 7.5 | 82 | 98 | 50 | 2 | 0 | 2 | 2 |
| UT BLANDING | 70 | 39 | 74 | 34 | 55 | -1 | .2 | -.1 | .2 | 2.8 | 155 | 4.4 | 107 | 72 | 24 | 0 | 0 | 2 | 0 |
| CEDAR CITY | 69 | 40 | 74 | 31 | 54 | -2 | .2 | -.2 | .2 | 3.3 | 130 | 4.1 | 103 | 74 | 22 | 0 | 1 | 0 | 0 |
| SALT LAKE CITY | 60 | 41 | 69 | 37 | 50 | -8 | .8 | -.3 | .8 | 9.8 | 203 | 12.0 | 160 | 80 | 33 | 0 | 0 | 1 | 0 |
| VT BURLINGTON | 71 | 49 | 77 | 40 | 60 | 6 | .2 | -.4 | .1 | 5.1 | 79 | 10.5 | 104 | 88 | 43 | 0 | 0 | 2 | 0 |
| VA NORFOLK | 73 | 54 | 89 | 43 | 64 | -2 | .2 | -.7 | .2 | 4.2 | 48 | 9.4 | 59 | 91 | 52 | 0 | 0 | 2 | 0 |
| RICHMOND | 74 | 53 | 89 | 41 | 63 | -2 | 1.0 | -.2 | .5 | 3.6 | 43 | 8.9 | 61 | 95 | 52 | 0 | 0 | 2 | 1 |
| ROANOKE | 73 | 50 | 87 | 41 | 62 | -3 | 2.0 | 1.3 | 1.6 | 5.3 | 61 | 9.1 | 62 | 97 | 57 | 0 | 0 | 3 | 1 |
| WA COLVILLE | 61 | 36 | 72 | 27 | 49 | -5 | .1 | -.3 | .1 | 5.6 | 183 | 11.0 | 162 | 82 | 46 | 0 | 0 | 3 | 2 |
| QUILLAYUTE | 54 | 41 | 57 | 34 | 47 | -4 | 4.6 | 3.5 | 3.5 | 25.2 | 119 | 53.9 | 111 | 99 | 70 | 0 | 0 | 5 | 2 |
| SEATTLE-TACOMA | 59 | 43 | 66 | 41 | 51 | -3 | .6 | -.2 | .3 | 5.5 | 80 | 18.4 | 108 | 86 | 50 | 0 | 0 | 4 | 0 |
| SPOKANE | 60 | 36 | 72 | 30 | 48 | -6 | .1 | -.2 | .0 | 3.3 | 106 | 8.4 | 117 | 79 | 28 | 0 | 0 | 2 | 0 |
| YAKIMA | 66 | 37 | 80 | 32 | 52 | -5 | 0 | -.1 | .0 | 1.8 | 135 | 4.9 | 140 | 79 | 28 | 0 | 0 | 2 | 0 |
| WV BECKLEY | 72 | 53 | 78 | 50 | 63 | 3 | 1.5 | .6 | .9 | 6.6 | 67 | 10.7 | 65 | 95 | 61 | 0 | 0 | 4 | 1 |
| CHARLESTON | 80 | 57 | 85 | 47 | 68 | 5 | 2.0 | 1.2 | .7 | 5.8 | 61 | 12.3 | 76 | 97 | 56 | 0 | 0 | 4 | 2 |
| HUNTINGTON | 81 | 61 | 86 | 53 | 71 | 7 | 1.1 | .2 | .8 | 5.2 | 53 | 10.1 | 64 | 93 | 53 | 0 | 0 | 3 | 1 |
| PARKERSBURG | 78 | 57 | 84 | 43 | 67 | 5 | .6 | -.4 | .2 | 4.7 | 49 | 9.8 | 60 | 99 | 54 | 0 | 0 | 4 | 0 |
| WI GREEN BAY | 68 | 49 | 77 | 43 | 59 | 5 | 1.2 | .5 | .6 | 5.9 | 94 | 7.3 | 86 | 95 | 54 | 0 | 0 | 6 | 1 |
| LA CROSSE | 70 | 55 | 79 | 49 | 63 | 4 | .9 | -.1 | .6 | 6.7 | 97 | 8.0 | 92 | 96 | 59 | 0 | 0 | 3 | 1 |
| MADISON | 68 | 50 | 73 | 45 | 59 | 3 | 1.8 | 1.0 | 1.0 | 5.7 | 81 | 9.4 | 103 | 99 | 68 | 0 | 0 | 6 | 1 |
| MILWAUKEE | 65 | 46 | 78 | 42 | 56 | 2 | 1.7 | 1.1 | 1.1 | 5.4 | 73 | 10.3 | 99 | 98 | 67 | 0 | 0 | 4 | 1 |
| WAUSAU | 66 | 52 | 75 | 47 | 59 | 4 | .9 | .1 | .5 | 5.6 | 83 | 7.0 | 81 | 96 | 61 | 0 | 0 | 5 | 1 |
| WY CASPER | 62 | 32 | 69 | 28 | 47 | -5 | .5 | 0 | .5 | 3.7 | 100 | 4.9 | 102 | 83 | 23 | 0 | 5 | 1 | 0 |
| CHEYENNE | 60 | 36 | 73 | 31 | 48 | -3 | .6 | .1 | .5 | 3.6 | 105 | 4.3 | 100 | 83 | 26 | 0 | 3 | 4 | 1 |
| LANDER | 59 | 35 | 66 | 29 | 47 | -5 | .2 | -.5 | .2 | 4.4 | 90 | 5.7 | 95 | 73 | 31 | 0 | 2 | 1 | 0 |
| SHERIDAN | 61 | 31 | 68 | 27 | 46 | -6 | .1 | -.5 | .0 | 2.8 | 64 | 4.6 | 78 | 85 | 30 | 0 | 5 | 2 | 0 |
| PR SAN JUAN | 85 | 71 | 89 | 69 | 78 | -2 | 5.4 | 4.1 | 4.8 | 20.0 | 222 | 23.3 | 168 | 95 | 68 | 0 | 0 | 4 | 1 |

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS.

National Agricultural Summary

May 12 to 18, 1986

HIGHLIGHTS: Severe thunderstorms caused little crop damage but provided much needed moisture for crop development from Texas up through the central Great Plains into the Corn Belt. Precipitation sprinkled the Southeast, but more rain is needed for germination and crop growth. Despite rain, moisture was short in the Southeast, the Appalachian States, and some Delta and central Plains States. Elsewhere, soil moisture was mostly adequate. Farmers were able to work at least 5 days in most areas of the Nation. Rain limited fieldwork to 3 days or less in the northern Plains and northern Rocky Mountain States.

Corn was 77 percent (%) seeded compared with 69% normally. Corn was tasseling in Texas and silking in Louisiana. Sorghum was 44% seeded, 10 points ahead of normal. Sorghum was heading in Texas. Twenty-six percent of the soybean acreage was planted, but seeding lagged behind normal in the Southeast and northern Plains. Cotton seeding fell behind normal at 62% completion. Inadequate moisture slowed seeding in the Southeast. Spring wheat ended the week 66% seeded, up 19 points from the previous week but was 17 points behind normal. Winter wheat was 67% headed, 23 points above normal. Livestock was mostly good. Rain improved pastures slightly in the Southeast, but more rain is needed to sustain growth.

SMALL GRAINS: Winter wheat was mostly good to fair in most areas but remained mostly fair to poor in the southeast. Additional moisture improved conditions in the Corn Belt and central Plains but may have come too late to do much good in the Southeast. Winter wheat heading advanced 11 points to 67% of the acreage heading. This compares with 64% headed in 1985 and 44% headed normally. Damp, cold, wet conditions continued holding development behind the rest of the Nation in the northern Rockies and northern Great Plains. Harvest was underway in Mississippi, Louisiana, Oklahoma, and Texas. Rain delayed harvest in southwest Oklahoma and in the Blacklands and central areas of Texas. Wheat was fair to good in Kansas. Russian wheat aphids continued spreading. Nebraska's wheat was mostly good to fair. Heading was most advanced in the south central areas.

Spring wheat seeding increased 19 points to 66% finished compared with 95% last year and 83% average. Planting was up 10 points in Montana and up 19 points in both Minnesota and South Dakota from the previous week. Producers planted slightly more than a fourth of North Dakota's spring wheat acreage this past week. Despite the good progress, seeding lagged considerably behind normal in Minnesota, North Dakota, and South Dakota. Thirty-nine percent of the spring wheat planted was emerged, trailing the average by 18 points.

CORN: Corn was 77% planted, up 13 points from last week and 8 points above the average. Seeding was ahead of normal in all States except Minnesota and South Dakota, which lagged 25 and 24 points behind normal, respectively. Seeding was 30 points ahead of normal in Ohio at 90% completed and 25 points ahead of normal in Kansas. Crusting caused replanting of corn in south central Nebraska. Ohio producers tilled lightly to help emergence. Corn was silking in Louisiana and tasseling in Texas. Germination was still a problem in the Southeast because of inadequate moisture.

SORGHUM: The 11 major sorghum producing States planted 44% of the sorghum, 10 points above normal

and 6 points ahead of 1985. South Dakota was the only major producing State where seeding progress was behind normal. Seeding ranged from 1% finished in South Dakota to 92% complete in Mississippi. Early planted sorghum was heading in Texas.

SOYBEANS: Precipitation slowed seeding in the northern Plains and northern Rockies while the lack of moisture slowed seeding in the Southeast. Seeding was 26% finished compared with 21% normally. Seeding was just beginning in South Dakota when normally 17% of the acreage would be in the ground. For the most part, seeding was ahead of normal in the Corn Belt except in Iowa.

COTTON: Cotton seeding dropped behind normal due largely to the slow seeding progress in Southeast. Rain provided some relief from the dry condition in the lower Southeast but much more is needed. Seeding was 62% finished compared with the 64% average. Seeding was 24 points below normal in Alabama, 29 in Georgia, and 6 points below normal in Texas. Cotton was mostly good to fair but was fair to poor in Georgia and South Carolina. Heavy rain may cause some reseeding in Oklahoma.

OTHER CROPS: Rice was 87% seeded, 13 points ahead of normal. Seeding neared completion in Arkansas, Louisiana, and Mississippi and was finished in Texas. California's seeding at 45% finished, equaled last year but was 7 points above the average. Three-quarters of the acreage planted was emerged.

Moisture shortages stressed tobacco in the Southeast and caused some replanting. Tobacco plants were uneven, thin, and slow growing in Kentucky. Burley tobacco was 8% transplanted, which was about normal. Transplanting was 10 points behind normal in Tennessee because of dryness.

Peanut planting neared completion in Virginia. In Alabama, peanuts were 40% seeded, 44 points behind normal. Seeding was 12 points further along in Georgia than in Alabama but was still 25 points below average. In Mississippi and North Carolina, seeding was slightly ahead of normal.

FRUIT AND NUTS: Dryness stressed citrus trees, caused some leaf curl and wilt in Florida. Producers irrigated in all citrus producing areas. Valencia harvest was active but grapefruit harvest slowed. New crop fruit developed normally.

Early peach varieties were harvested in the Texas Hill Country. Quality was good. Pecan producers sprayed for casebearers in central areas and in the Hill Country. Spraying should begin in most other areas soon.

Perlette grape harvest was underway in Arizona. Fig harvest is expected to begin soon. Apricot and peach harvests were winding down. Valencia oranges and grapefruit were picked. California Freestone peach, plum, and nectarine harvests progressed. Desert grapefruit harvest continued. Fruit crop harvest gained momentum, and most crops were 1 to 3 weeks ahead of normal development.

VEGETABLES: Farmers irrigated to maintain moisture in Florida's vegetable producing areas. Harvest activity was in seasonal decline for most crops in southern areas but was active in central and northern areas. Shipments increased from higher volume of celery, sweet corn, escarole, potatoes, and watermelons.

Texas vegetables progressed well. However, irrigation was necessary in some areas. Tomato and bell pepper shipments were underway. Melon harvest increased slightly.

California vegetable harvest consisted mostly of asparagus, broccoli, cauliflower, celery, cantaloupe, and lettuce. Strawberry harvest was very active.

PASTURES AND LIVESTOCK: Livestock was mostly good. Pastures showed some minor improvement in the Southeast, but more moisture is needed to sustain growth. Pastures were fair to good in most other areas.

CROP PROGRESS

FOR WEEK ENDING MAY 18, 1986

| | WINTER WHEAT % HEADED | | |
|-------------------------|--------------------------|------|-----|
| | 1986 | 1985 | AVG |
| ARK | 98 | 94 | NA |
| CALIF | 97 | 97 | 93 |
| COLO | 34 | 22 | 16 |
| GA | 99 | 99 | 95 |
| IDAHO | 0 | 0 | 0 |
| ILL | 80 | 75 | 47 |
| IND | 50 | 70 | 15 |
| KANS | 96 | 90 | 35 |
| MICH | 1 | 5 | 0 |
| MO | 87 | 89 | 55 |
| MONT | 0 | 0 | 0 |
| NEBR | 20 | 20 | 10 |
| N MEX | 95 | NA | NA |
| N C | 93 | NA | NA |
| OHIO | 20 | 52 | 14 |
| OKLA | 98 | 98 | 85 |
| OREG | 0 | 0 | 1 |
| S DAK | 0 | 0 | 0 |
| TEX | 97 | 89 | 83 |
| WASH | 1 | 1 | 5 |
| 20 STATES | 68 | NA | NA |
| EXCL. STATES WITH NA | 67 | 64 | 44 |

THESE 20 STATES PRODUCED 91% OF THE 1985 WINTER WHEAT CROP.

NA - NOT AVAILABLE

| | SPRING WHEAT % PLANTED | | |
|----------|---------------------------|------|------|
| | 1986 | 1985 | AVG. |
| IDAHO | 89 | 83 | 90 |
| MINN | 41 | 92 | 88 |
| MONT | 85 | 95 | 85 |
| N D | 63 | 96 | 75 |
| S DAK | 73 | 100 | 94 |
| 5 STATES | 66 | 95 | 83 |

THESE 5 STATES PRODUCED 95% OF THE 1985 SPRING WHEAT CROP.

| | SPRING WHEAT % EMERGED | | |
|----------|---------------------------|------|------|
| | 1986 | 1985 | AVG. |
| IDAHO | 72 | 58 | 66 |
| MINN | 23 | 77 | 66 |
| MONT | 65 | 70 | 50 |
| N D | 26 | 77 | 45 |
| S DAK | 48 | 100 | 83 |
| 5 STATES | 39 | 78 | 57 |

THESE 5 STATES PRODUCED 95% OF THE 1985 SPRING WHEAT CROP.

| | RICE % PLANTED | | |
|----------|-------------------|------|------|
| | 1986 | 1985 | AVG. |
| ARK | 92 | 72 | 73 |
| CALIF | 45 | 45 | 38 |
| LA | 97 | 95 | 89 |
| MISS | 99 | 96 | 86 |
| TEX | 100 | 93 | 96 |
| 5 STATES | 87 | 77 | 74 |

THESE 5 STATES PRODUCED 97% OF THE 1985 RICE CROP.

| | RICE % EMERGED | | |
|----------|-------------------|------|------|
| | 1986 | 1985 | AVG. |
| ARK | 79 | 52 | 46 |
| CALIF | 15 | 15 | 9 |
| LA | 94 | 89 | 82 |
| MISS | 96 | 88 | 62 |
| TEX | 96 | 77 | 88 |
| 5 STATES | 75 | 59 | 54 |

THESE 5 STATES PRODUCED 97% OF THE 1985 RICE CROP.

| | COTTON % PLANTED | | |
|-----------|---------------------|------|------|
| | 1986 | 1985 | AVG. |
| ALA | 67 | 98 | 91 |
| ARIZ | 99 | 97 | 98 |
| ARK | 92 | 85 | 82 |
| CALIF | 98 | 98 | 98 |
| GA | 41 | 88 | 70 |
| LA | 94 | 92 | 81 |
| MISS | 93 | 87 | 87 |
| MO | 95 | 78 | 76 |
| N MEX | 80 | 90 | 78 |
| N C | 90 | 84 | 83 |
| OKLA | 15 | 25 | 15 |
| S C | 92 | 100 | 95 |
| TENN | 80 | 80 | 80 |
| TEX | 36 | 49 | 42 |
| 14 STATES | 62 | 69 | 64 |

THESE 14 STATES PRODUCED 100% OF THE 1985 COTTON CROP.

| | CORN % PLANTED | | |
|-----------|-------------------|------|------|
| | 1986 | 1985 | AVG. |
| COLO | 87 | 85 | 76 |
| GA | 98 | 100 | 97 |
| ILL | 97 | 92 | 76 |
| IND | 85 | 90 | 60 |
| IOWA | 75 | 98 | 81 |
| KANS | 95 | 75 | 60 |
| KY | 88 | 81 | 61 |
| MICH | 80 | 90 | 60 |
| MINN | 43 | 83 | 68 |
| MO | 88 | 90 | 69 |
| NEBR | 85 | 80 | 60 |
| N C | 99 | 98 | 95 |
| OHIO | 90 | 94 | 60 |
| PA | 70 | 72 | 49 |
| S DAK | 22 | 71 | 46 |
| TEX | 100 | 99 | 98 |
| WIS | 60 | 72 | 54 |
| 17 STATES | 77 | 88 | 69 |

THESE 17 STATES PRODUCED 93% OF THE 1985 CORN CROP.

| | SOYBEANS % PLANTED | | |
|-----------|-----------------------|------|------|
| | 1986 | 1985 | AVG. |
| ALA | 16 | 26 | 24 |
| ARK | 20 | 9 | 11 |
| GA | 8 | 31 | 20 |
| ILL | 55 | 50 | 30 |
| IND | 30 | 40 | 20 |
| IOWA | 15 | 40 | 21 |
| KANS | 15 | 10 | 5 |
| KY | 24 | 14 | 10 |
| LA | 40 | 33 | 23 |
| MICH | 15 | 25 | 20 |
| MINN | 6 | 32 | 23 |
| MISS | 21 | 30 | 20 |
| MO | 24 | 29 | 17 |
| NEBR | 25 | 20 | 8 |
| N C | 12 | 24 | 26 |
| OHIO | 48 | 56 | 32 |
| S C | 10 | 15 | 16 |
| S DAK | 2 | 20 | 17 |
| TENN | 20 | 15 | 12 |
| 19 STATES | 26 | 33 | 21 |

THESE 19 STATES PRODUCED 96% OF THE 1985 SOYBEAN CROP.

| | SORGHUM % PLANTED | | |
|----------------------|----------------------|------|------|
| | 1986 | 1985 | AVG. |
| ARK | 87 | 75 | 70 |
| ILL | 35 | 14 | 10 |
| KANS | 20 | 10 | 5 |
| LA | 92 | 91 | 78 |
| MISS | 77 | 59 | 47 |
| MO | 44 | 34 | 29 |
| NEBR | 20 | 20 | 10 |
| OKLA | 20 | 10 | 15 |
| S DAK | 1 | 17 | 8 |
| TENN | 60 | 40 | NA |
| TEX | 73 | 74 | 73 |
| 11 STATES | 44 | 39 | NA |
| EXCL. STATES WITH NA | 44 | 38 | 34 |

THESE 11 STATES PRODUCED 94% OF THE 1985 SORGHUM CROP.

NA - NOT AVAILABLE

WEEKLY CROP WEATHER CONDITION PERCENT REPORT FOR WEEK ENDING MAY 18, 1986

WINTER WHEAT

| STATE | VERY-POOR | POOR | FAIR | GOOD | EXCELLENT |
|-------|-----------|------|------|------|-----------|
| ARK | 0 | 6 | 42 | 52 | 0 |
| CALIF | 0 | 0 | 15 | 45 | 40 |
| COLO | 7 | 10 | 34 | 42 | 7 |
| GA | 7 | 30 | 53 | 10 | 0 |
| IDAHO | 0 | 3 | 3 | 75 | 19 |
| ILL | 4 | 20 | 48 | 25 | 3 |
| IND | 0 | 2 | 43 | 54 | 1 |
| KANS | 4 | 15 | 32 | 28 | 21 |
| MICH | 5 | 10 | 30 | 45 | 10 |
| MO | 0 | 32 | 54 | 14 | 0 |
| MONT | 0 | 0 | 25 | 70 | 5 |
| NEBR | 0 | 3 | 27 | 67 | 3 |
| N MEX | 0 | 0 | 65 | 35 | 0 |
| N C | 0 | 61 | 37 | 2 | 0 |
| OHIO | 0 | 3 | 28 | 65 | 4 |
| OKLA | 0 | 10 | 60 | 30 | 0 |
| OREG | 0 | 0 | 65 | 35 | 0 |
| S DAK | 0 | 0 | 17 | 68 | 15 |
| TEX | 2 | 20 | 54 | 22 | 2 |
| WASH | 0 | 0 | 50 | 40 | 10 |

CORN

| STATE | VERY-POOR | POOR | FAIR | GOOD | EXCELLENT |
|-------|-----------|------|------|------|-----------|
| COLO | 0 | 0 | 28 | 63 | 9 |
| GA | 3 | 27 | 56 | 14 | 0 |
| ILL | 0 | 0 | 8 | 60 | 32 |
| IOWA | 1 | 4 | 22 | 52 | 21 |
| KANS | 0 | 2 | 5 | 33 | 60 |
| KY | 0 | 6 | 51 | 41 | 2 |
| MICH | 1 | 4 | 25 | 60 | 10 |
| MO | 0 | 4 | 35 | 56 | 5 |
| N C | 0 | 17 | 70 | 13 | 0 |
| TEX | 0 | 10 | 23 | 56 | 11 |

GRAIN SORGHUM

| STATE | VERY-POOR | POOR | FAIR | GOOD | EXCELLENT |
|-------|-----------|------|------|------|-----------|
| ARK | 0 | 0 | 13 | 82 | 5 |
| LA | 0 | 0 | 57 | 43 | 0 |
| MISS | 0 | 12 | 39 | 49 | 0 |
| TEX | 0 | 9 | 29 | 59 | 3 |

COTTON

| STATE | VERY-POOR | POOR | FAIR | GOOD | EXCELLENT |
|-------|-----------|------|------|------|-----------|
| ARIZ | 0 | 0 | 0 | 70 | 30 |
| ARK | 0 | 0 | 13 | 71 | 16 |
| CALIF | 0 | 0 | 25 | 50 | 25 |
| GA | 8 | 25 | 59 | 8 | 0 |
| LA | 0 | 0 | 49 | 51 | 0 |
| MISS | 0 | 7 | 26 | 63 | 4 |
| N MEX | 0 | 0 | 25 | 75 | 0 |
| S C | 3 | 42 | 55 | 0 | 0 |
| TEX | 0 | 5 | 26 | 64 | 5 |

SPRING WHEAT

| STATE | VERY-POOR | POOR | FAIR | GOOD | EXCELLENT |
|-------|-----------|------|------|------|-----------|
| IDAHO | 0 | 0 | 13 | 71 | 16 |
| MONT | 0 | 0 | 25 | 70 | 5 |
| N DAK | 0 | 0 | 26 | 66 | 8 |
| S DAK | 0 | 1 | 23 | 65 | 11 |

RICE

| STATE | VERY-POOR | POOR | FAIR | GOOD | EXCELLENT |
|-------|-----------|------|------|------|-----------|
| ARK | 0 | 0 | 14 | 75 | 11 |
| LA | 0 | 0 | 27 | 73 | 0 |
| MISS | 0 | 0 | 83 | 17 | 0 |
| TEX | 0 | 0 | 13 | 66 | 21 |

SOYBEANS

| STATE | VERY-POOR | POOR | FAIR | GOOD | EXCELLENT |
|-------|-----------|------|------|------|-----------|
| ARK | 0 | 0 | 1 | 80 | 19 |

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 SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Temperatures averaged 3 to 5° above normal. Rainfall ranged from 1.00 to 3.00 in. across State.

Days suitable for fieldwork 6.0. Soil moisture 98% short, 2% adequate. Fieldwork progress behind schedule. Peanuts planted 40%, 85% 1985, 84% avg. Dry weather continued to hamper plants growth throughout State. Primary activities: Planting cotton, soybeans, peanuts, sorghum; land preparation; fertilizer, lime application; machinery repair; care of livestock, poultry; general farm chores.

ALASKA: Warm, sunny, light winds localized showers. Railbelt temperatures ranged 7° below normal to 1° above normal. Precipitation generally normal.

Days suitable for fieldwork 6.5. Topsoil moisture 83% adequate, 17% surplus. Subsoil moisture 86% adequate, 14% surplus. Many areas drying out. Barley grain seeding 15% complete. Commercial potato planting 30% complete. Livestock fair to excellent. Hay fields, pastures starting to green-up. Seeding, planting commercial hardy vegetables 20% complete.

ARIZONA: Mostly sunny skies, dry air, windy conditions. Weak disturbance brought sprinkles northern border 15th, scattered showers northeast 16th. Amounts from traces to 0.02 in. Average temperatures 2° below to 4° above seasonal normals.

Cotton planting nearing completion. Plants squaring west, central. Weeds, insects light to moderate. Barley harvest advanced. Wheat turning color. Crops good to excellent. Lodging west. Alfalfa cutting continued. Alfalfa, corn, sorghum good. Yuma County safflower blooming, setting seed. Potato digging central valley, Hyder, Yuma, Parker-Poston. Southeast potatoes developing normally. Sweet corn harvested Hyder. Artichoke packing winding down. Other mixed vegetables shipped. Lettuce packing advanced Willcox. Watermelons harvested. Perlette grape harvest underway. Fig harvest to begin soon. Apricot, peach harvests winding down. Valencia oranges, grapefruit picked.

ARKANSAS: Temperatures above normal except last of week rain, clouds held down. Scattered showers more numerous weeks end. Temperature extremes 51°; 92°. Rainfall 0.65 to 3.40 in.

Days suitable for fieldwork 5.0. Soil moisture 22% short, 52% adequate, 26% surplus. Major activities: Cutting, baling hay; weed control; planting, fertilizing crops; land preparation, cultivation. Armyworms major problem northern third of State. Fly, tick pressure continued. Rain beneficial.

CALIFORNIA: Although weeks weather pattern included area of low pressure over State, no major systems moved through area. Rainfall extreme north early week. Fog kept southern State coastal station average below normal while cold air near Oregon cooled bordering area. Elsewhere averages 1 to 3° above normal.

Open weather permitted good progress field activities. Baling small grain hay active. Barley harvest gained momentum, wheat harvest began southern San Joaquin Valley. Rice planting full swing. Watergrass, shrimp controls early fields. Cotton planting nearly complete. Thinning, cultivating active. Alfalfa hay harvest active.

Harvest fruit crops gaining momentum. Most crops reported 1 to 3 weeks ahead normal development. Early varieties apricots harvested. Cherry harvest well underway. Grapes, kiwifruit continued development. Early stone fruits continued to size, color. Freestone peaches, plums, nectarines harvest progressed. Desert grapefruit harvest continued; good quality fruit reported. Some nut growers applying pesticide materials. Artichokes light supply. Asparagus harvest active central. Broccoli fairly heavy central coast. Cantaloup harvest increasing Imperial Valley. Cauliflower harvest moderate. Celery harvest active south coast, started Santa Maria. Sweet corn harvest active desert. Lettuce fairly heavy supply central coast. Onion harvest increased. Spring potato harvest increased Kern district. Strawberry harvest very active. Sweetpotato planting continued. Early market tomatoes maturing. Processing tomato harvest expected May 21st. Movement livestock summer pastures, continued increase. Foothill ranges matured many areas. Livestock good shape. Stock ponds, reservoirs full.

COLORADO: Temperatures averaged 3° below normal to 3° above normal. Precipitation totals averaged none to 1.57 in.

Days suitable for fieldwork 5.4. Soil moisture 22% very short, 35% short, 35% adequate, 8% surplus. Winter wheat fair to good. Barley seeded 97%, 95% 1985, 95% avg.; 79% emerged, 80% 1985, 83% avg. Oats seeded 94%, 95% 1985, 85% avg. Livestock good; range, pasture fair to good.

FLORIDA: Spotty showers, thunderstorms but rainfall generally 0.25 in. or less. Cooler than normal with temperatures averaging about 5° below normal eastern Peninsula, 2 to 4° below elsewhere.

Topsoil moisture very short, approaching critical stage some areas. Rains from thunderstorms began late on 18th western Panhandle, moved eastward, very beneficial. Peanut, soybean, cotton planting delayed because of dry soils. Tobacco mostly good, irrigation active. Winter wheat harvest active; dry conditions lowered yield. Sugarcane growth limited. Corn progress slow. Haymaking underway lower Peninsula. Panhandle, northern Peninsula pastures mostly poor to fair; mostly fair to good elsewhere. Southern Peninsula cattle mostly good, generally fair elsewhere. Citrus trees stressed from dryness; some leaf curl, wilt. Irrigation all areas. Valencia harvest active all areas, grapefruit harvest continued to slow. New crop fruit progressed normally. Caretakers active watering young trees. Weather hot, very dry over vegetable areas. Mostly light, widely scattered showers provided little relief. Temperatures ranged from low 60s, low 70s to highs 80s. Winds generally light to moderate with abundant sunshine. Harvest activity seasonal decline most crops southern areas; active central, north. Irrigation required to maintain soil moisture. Shipments increased from higher volume celery, sweet corn, escarole, potatoes, watermelons offsetting decreases snap beans, cabbage, carrots, chinese cabbage, cucumber, eggplant, lettuce, peppers, radishes, squash, tomatoes.

GEORGIA: Most areas received some rain during week. Local totals of 1.00 to 3.00 in. over north, central. Many areas less than 0.50 in., portions southeast no rain during week. Temperatures 2 to 4° above normal over north, west to near normal

over southeast. Extremes 49° Clayton morning 13th, 92° Blakely 17th.

Days suitable for fieldwork 5.8. Soil moisture 68% very short, 27% short, 5% adequate. Sorghum grain 2% very poor, 28% poor, 60% fair, 10% good; 33% planted, 58% 1985, 37% avg. Peanuts 6% very poor, 11% poor, 73% fair, 10% good; 52% planted, 91% 1985, 77% avg. Soybeans 5% very poor, 23% poor, 56% fair, 16% good. Tobacco 6% poor, 70% fair, 24% good. Watermelons 17% poor, 67% fair, 16% good; 98% planted, 96% avg. Rye 6% very poor, 31% poor, 53% fair, 10% good. Other small grains 8% very poor, 33% poor, 52% fair, 7% good. Apples 3% very poor, 15% poor, 56% fair, 26% good. Peaches 2% very poor, 19% poor, 63% fair, 16% good. Pasture 25% very poor, 48% poor, 25% fair, 2% good. Cattle 1% very poor, 26% poor, 58% fair, 15% good. Hogs 9% poor, 55% fair, 36% good. Main activities: Limited field activity due to drought, irrigating crops where possible, spraying peaches, cattlemen feeding hay.

HAWAII: Conditions variable. High pressure system northeast dominated island weather. Winds easterly, 5 to 15 mph beginning of week turning northeasterly over weekend. Occasional rainfall mainly windward, mountain areas. Temperatures ranged mid 60s to upper 80s. Rainfall ranged none to 4.60 in.

Days suitable for fieldwork 7.0. Weather mostly favorable for crop development. Pineapple, sugarcane harvesting active. Papaya orchards fair, output steady. Bananas fair to good, some orchards seasonal decline. Leafy vegetables fair to good.

IDAHO: Temperatures 5 to 8° below normal, precipitation first part of week. Warmer late week.

Days suitable for fieldwork 5.0. Cool, wet weather still hampering progress. Winter wheat good. Spring wheat good. Livestock good. Potatoes 45% planted, 51% 1985, 60% avg.

ILLINOIS: Temperatures averaged mostly normal to 5° above normal. Daily lows 80s south, highs upper 70s north. Precipitation 0.50 to over 5.00 in. heaviest northwestern, southeast areas.

Days suitable for fieldwork 4.3. Soil moisture 32% short, 50% adequate, 18% surplus. Winter wheat filled 25%, 18% 1985, 9% avg. Oats 2% poor, 33% fair, 53% good, 9% excellent; headed 8%, 5% 1985, 2% avg.; filled 1%, none 1985, none avg. Alfalfa 6% poor, 35% fair, 56% good, 3% excellent; alfalfa 1st crop cut 14%, 15% 1985, 9% avg.; red clover 1% poor, 17% fair, 72% good, 10% excellent; red clover crop cut 10%, 11% 1985, 4% avg. Pasture 3% poor, 38% fair, 49% good, 10% excellent. Major farm activities: Seeding corn and soybeans, hoeing corn, applying herbicides, spreading fertilizer, cutting hay.

INDIANA: Temperatures 2 to 7° above normal. Minimums 50s to low 60s, highs 70s to low 80s. Above normal rainfall. Totals 1.00 to 4.00 in. heaviest central.

Fieldwork averaged 3.7 days. Topsoil moisture 6% short, 54% adequate, 40% surplus. Subsoil moisture 11% short, 68% adequate, 21% surplus. Corn 70% emerged, 72% 1985, 30% avg. Soybeans 18% emerged, 25% 1985, 8% avg. Winter wheat fair to good. Wheat 20 in. high, 23 in. 1985, 17 in. avg. Oats 8 in. high, 9 in. 1985, 6 in. avg. Alfalfa hay 8% cut once, 20% 1985, 4% avg. Clover 5% cut, 10% 1985, none avg. Tobacco 2% plants set, 3% avg.

IOWA: Wet week, temperatures averaging near seasonal normals. Several high water, flooding occasions occurred with much standing water.

Days suitable for fieldwork 1.4. Topsoil moisture 30% adequate, 70% surplus; subsoil moisture 53% adequate, 47% surplus. Winter wheat

2% very poor, 12% poor, 35% fair, 45% good, 6% excellent; hay 1% poor, 21% fair, 55% good, 23% excellent. Oats mostly good to excellent; oats emerged 98%, 100% 1985, 91% avg. Corn, soybean planting made slow progress; corn emerged 50%, 75% 1985, 33% avg.; soybeans emerged 5%, 9% 1985, 3% avg. Seedbed preparation 87% completed; fertilizer application 90% completed, 100% 1985, 94% avg. Pastures mostly good to excellent; livestock mostly good.

KANSAS: Precipitation 0.10 in. southwest, 0.40 in. west central, 2.25 to 2.50 in. elsewhere. Temperatures averaged 60° northwest, 63 to 67° elsewhere; normal north central and southwest, 1 to 3° above normal elsewhere.

Days suitable for fieldwork 4.0. Soil moisture 38% short, 35% adequate, 27% surplus. Moisture short west, adequate central, surplus east. Main wheat diseases, wheat streak mosaic, speckled leaf blotch, leaf rust. Russian wheat aphid spreading. Cutworms corn eastern one-third, treatment underway. Planting late season crops curtailed east wet conditions. First cutting alfalfa, 45% complete. Weevil continued damage. Spring black stem causing defoliation. Pasture poor to fair west, good central, excellent east.

KENTUCKY: Showers, thunderstorms occurred almost daily. Nearly 6.00 in. rain recorded Paducah 2.00 to 3.00 in. reported many stations west, central. Parts east less rain, some areas received less than 0.50 in. Normal rainfall around 1.00 in. Mean temperatures generally upper 60s to lower 70s.

Days suitable for fieldwork 3.5. Soil moisture 16% very short, 38% short, 38% adequate, 8% surplus. Corn 74% planted acreage emerged. Topdressing early corn. Weeds developing due herbicides not working. Tobacco plants uneven, thin, generally slow; 37% under 2 in., 36% 2 to 4 in., 27% larger than 4 in.; 8% burley planted, 16% 1985, 8% avg.; 8% dark tobacco planted. Wheat short but average yield expected; 8% not headed, 52% headed; 40% blooming. Crop rated 18% poor, 48% fair, 32% good, 2% excellent. Pastures poor to fair.

LOUISIANA: Temperature 1 to 5° above normal. Temperature extremes 59°; 93°. Rainfall averaged 0.30 to 1.70 in. across State.

Days suitable for fieldwork 6.0. Soil moisture 78% short, 22% adequate. Spring plowing 99% complete, 98% 1985, 95% avg. Corn fair; 4% silked, 7% 1985, 6% avg. Cotton 94% planted, 92% 1985, 81% avg.; 89% emerged, 83% 1985, 66% avg. Rice 97% planted, 95% 1985, 89% avg.; 94% emerged, 89% 1985, 82% avg. Sorghum 92% planted, 91% 1985, 78% avg.; 83% emerged, 81% 1985, 67% avg. Soybeans 40% planted, 33% 1985, 23% avg.; 26% emerged, 20% 1985, 13% avg. Sweetpotatoes fair; 43% planted, 64% 1985, 49% avg. Winter wheat fair; 97% turning color, 91% 1985, 81% avg.; 19% harvested, 11% 1985, 8% avg. Hay first cutting 43% complete, 43% 1985, 35% avg. Sugarcane, vegetables fair to good. Pasture fair. Livestock fair to good. Main activities: Planting cotton, rice, sorghum, soybeans, sweetpotatoes, vegetables; baling hay; harvesting winter wheat.

MARYLAND & DELAWARE: Maryland: Temperatures averaged 2° below normal over State; lowest temperature 29° Oakland; highest temperature 88° Hancock. Precipitation averaged 0.16 in., ranging from none to 0.92 in.

Days suitable for fieldwork 6.1. Topsoil moisture very short; subsoil moisture short to very short. Small grains fair. Wheat 69% headed, 60% 1985, 52% avg. Planting progress: Field corn 85% planted, 91% 1985, 81% avg.; soybeans 9% planted, 14% 1985, 13% avg.; tobacco transplants 8% planted, 21% 1985, 16% avg.; sweet corn 76% planted, 95%

1985, 78% avg.; watermelons 82% planted, 96% 1985, 72% avg.; lima beans 21% planted, 58% 1985, 44% avg.; snap beans 30% planted, 91% 1985, 73% avg.; tomatoes 80% planted, 75% 1985, 65% avg. Hay: Alfalfa 49% cut once, 36% 1985, 14% avg.; other hay 15% cut once, 25% 1985, 14% avg. Light infestations alfalfa weevil, corn cutworm. Moderate infestations corn flea beetle, cucumber beetle.

Delaware: Temperatures averaged 4° below normal over State; lowest temperature 34° Georgetown; highest temperature 86° Milford. Precipitation averaged 0.05 in., ranging from none to 0.20 in.

Days suitable for fieldwork 7.0. Topsoil moisture very short; subsoil moisture very short, Small grains poor to mostly fair. Wheat 80% headed, 72% 1985, 58% avg. Planting progress: Field corn 92% planted, 86% 1985, 81% avg.; soybeans 3% planted, 8% 1985, 18% avg.; sweet corn 87% planted, 84% 1985, 75% avg.; watermelons 93% planted, 93% 1985, 72% avg.; cantaloupes 93% planted; cucumbers 40% planted, 70% 1985, 57% avg.; snap beans 48% planted, 38% 1985, 36% avg.; tomatoes 92% planted, 85% 1985, 54% avg. Hay: Alfalfa 60% cut once; other hay 69% cut once.

MICHIGAN: Average temperatures 5 to 8° above normal. Lows 40s; highs 70s. Precipitation 0.10 to 2.50 in.

Days suitable for fieldwork 5.0. Soil moisture 70% short, 30% adequate. Tillage, spraying, corn, vegetable planting major activities. Corn 80% planted, 90% 1985, 60% avg. Soybeans 15% planted, 25% 1985, 20% avg. Wheat 5% very poor, 10% poor, 30% fair, 45% good, 10% excellent. Less than 1% headed. Potatoes 70% planted, 60% 1985, 70% avg. Rains aided fruits, vegetables. Peach thinning southwest. Asparagus harvest 40% complete. Vegetable, bedding plant marketings at volume.

MINNESOTA: Temperatures averaged 1° to 4° above normal. Temperature extremes 29°; 83°. Precipitation averaged 0.44 in. below normal to 0.50 in. above normal.

Days suitable for fieldwork 1.5. Topsoil moisture 12% adequate, 88% surplus. Almost no advance from previous week, most areas because too wet; drying trend began last half week; improvement expected. Spring wheat, other small grains progressed slowly; too wet. Oats 64% planted, 94% 1985, 91% avg.; 50% emerged, 84% 1985, 73% avg. Barley 30% planted, 89% 1985, 84% avg.; 14% emerged, 73% 1985, 58% avg. Corn planting slow; harvesting of 1985 corn inactive; too wet. Soybean planting held back by surplus moisture, cold soil. Sugarbeets made moderate progress. Sugarbeets 56% planted, 99% 1985, 93% avg. Potatoes 19% planted, 60% 1985, 47% avg. Hay, pasture growing well.

MISSISSIPPI: Average temperatures 1 to 5° above normal, extremes 53°; 90°. Widespread rainfall, greatest 24-hour total 2.76 in.

Days suitable for fieldwork 4.2, 5.1 1985, 4.4 avg. Soil moisture 42% short, 52% adequate, 6% surplus. Main activities; planting, spraying for insects. Corn 43% fair, 51% good, 6% excellent; 94% planted, 94% 1985, 91% avg.; 86% emerged, 85% 1985, 74% avg.; less than 1% silking. Wheat 98% heading, 99% 1985, 99% avg.; 20% ripe, 19% 1985, 15% avg.; 1% harvested 1986, 1% 1985, 1% avg.; 13% very poor, 34% poor, 41% fair, 12% good. Sweetpotatoes 43% planted, 37% 1985, 37% avg. Peanuts 55% planted, 45% 1985, 50% avg. Watermelons 74% planted, 79% 1985, 82% avg. Hay harvested 18%, 21% 1985, 16% avg. Peaches 31% very poor, 50% poor, 6% fair, 13% good; none harvested.

MISSOURI: Temperatures averaged 4° above normal. Rainfall 2.50 to 4.50 in. across northern two-thirds of State. Tornadoes, over 10.00 in. rain

hit parts of southeast, significant flooding will cause some replanting.

Days suitable for fieldwork 2.4. Soil moisture 14% short, 46% adequate, 40% surplus. Wheat mostly poor to fair. Corn fair to good. Alfalfa 1st cutting 21%, 28% 1985, 17% avg. Pasture 5% poor, 48% fair, 44% good, 3% excellent.

MONTANA: Precipitation mostly moderate to heavy north central, moderate southwest, central, south central and mostly light west, extreme east. Precipitation mostly 1st of week, drying end of week. Temperatures cool, 5 to 8° below normal. Freezing temperatures all areas, coldest 15°.

Days suitable for fieldwork 2.0. Topsoil moisture 2% short, 73% adequate, 25% surplus. Subsoil moisture 4% short, 85% adequate, 11% surplus. Barley, oats 80% planted; 60% emerged. Sugarbeets 95% planted. Corn, dry beans 30% planted, corn 75%, dry beans 85% 1985, corn 60%, dry beans 55% avg. Potatoes 45% planted, ahead of 1985 and avg. Cattle moved to summer range 50%, 50% 1985, 50% avg.; sheep 60% moved, 50% 1985, 55% avg. Hay, range grass growth compared with average 40% slower, 45% same, 15% faster.

NEBRASKA: Mild week, showers widespread. Amounts averaged 1.00 to 2.00 in. Temperatures averaged 7° below normal Panhandle 1° above normal east. Temperature extremes 30°; 84°.

Days suitable for fieldwork 4.8. Topsoil moisture 10% short, 58% adequate, 32% surplus. Subsoil moisture 9% short, 80% adequate, 11% surplus. Corn replanting south central due to crusting from heavy rains. Corn emerged 45%, 40% 1985, 20% avg. Wheat mostly fair to good. Wheat heading most advanced south central. Alfalfa mostly fair to good. Short stands, alfalfa weevils present. Wild hay mostly fair to good. Pasture, range mostly adequate. Rains advanced range development. Early lamb marketings. Livestock activities, branding, moving cattle to pasture.

NEVADA: Skies mostly sunny early period. Pacific storm midweek created partly cloudy skies, gusty winds north, central areas. Clouds stubbornly held on east until period ended sunny, warm again all areas. Week average temperatures 4° below normal both northwest, northeast. South central, extreme south skies sunny all week, average temperatures slightly above normal. Precipitation very light, confined northeast.

Good progress planting spring crops. Plant emergence slowed by cool, nighttime temperatures. Good growth alfalfa hay. Calving, lambing about completed.

NEW ENGLAND: Temperatures averaged 1 to 4° above normal northern areas, 1 to 3° below normal elsewhere. Hard frost northern Maine. Spotty frosts Vermont, New Hampshire, southern interior. Precipitation averaged 0.03 to 0.25 in.

Days suitable for fieldwork 6.5. Soil moisture 82% short, 18% adequate. Fieldwork progress generally 2 days ahead of schedule. Grazing availability 24% short, 76% adequate. Crops need rain. Maine potatoes 60% planted, 25% 1985, 30% avg. Field corn 40% planted, 55% 1985, 35% avg. Sweet corn 45% planted, 45% 1985, 30% avg. Maine oats 60% sown, 50% 1985, 45% avg. Hay growth slow, short first crop expected. Connecticut shade tobacco 20% transplanted. Apples full bloom, frost damage early varieties. Peaches full bloom and beyond. Maine wild blueberries 10 to 20% bloom north to south. Cranberry progress good. Asparagus harvest active. Major farm activities: Plowing, fertilizing, planting, protection from frost.

NEW JERSEY: Temperatures above normal. Extremes 32°; 95°. Rainfall averaged 0.16 in. north, 0.02

in. central, 0.07 in. south. Heaviest 24-hour total 0.25 in. on 16th, 17th. Estimated soil moisture percent field capacity averaged 67% north, 50% central, 37% south. Four inch soil temperatures averaged 57° north, 58° central, 60° south.

Scattered showers received but good rain needed all areas. Spring vegetable harvest increasing under irrigation. Planting of sweet corn, snap beans, tomatoes, peppers, eggplant, cucumbers active. Sweetpotato transplanting began. Field corn, soybean planting active. Some rye cut for straw. Hay making became general. Some pastures browning due to dry soils.

NEW MEXICO: Average weekly temperatures 1 to 70 below normal. Temperatures 17° northern mountains to 95° southeastern plains. Measurable precipitation over most of State. Precipitation none northwestern plateau, western mountains, southern desert to 1.14 in. northeastern plains.

Days suitable for fieldwork 6.8. Soil moisture 79% short, 21% adequate. Hail damage 94% none, 6% light. Wind damage 41% none, 53% light, 6% moderate. Freeze damage 57% none, 31% light, 6% moderate, 6% severe. Alfalfa 8% poor, 38% fair, 46% good, 8% excellent. Corn 25% fair, 75% good. Barley 22% fair, 78% good. Grain sorghum 40% planted. Pecans 17% fair, 83% good. Apples 20% poor, 30% fair, 40% good, 10% excellent. Chile 100% good. Onions 50% fair, 50% good; harvest to start end of week. Lettuce 33% fair, 67% good; harvest continued. Cattle 47% fair, 53% good. Sheep 39% fair, 61% good. Range 28% poor, 55% fair, 17% good.

NEW YORK: Temperatures 5 to 70 above normal. Showers on 15th brought 0.50 in. or more for Finger Lakes to Western Adirondacks and Catskills to Upper Hudson Valley. Other areas less than 0.25 in. rain.

Days suitable for fieldwork 7.0. Soil moisture short. Rain needed for germination, activate herbicides. Oat planting 88% complete, 93% 1985, 56% avg. Early planted oats good, later planted uneven. Corn planting 51% complete, 57% 1985, 32% avg. Some corn emerged. Wheat fair to good shape, powdery mildew problem. Fruit trees in bloom. Onions damaged from wind. Pasture fair to good.

NORTH CAROLINA: Temperatures averaged near normal statewide. Temperature extremes 34°; 89°. Precipitation ranged from none to 1.60 in. across State. Rainfall deficits 4.00 to 8.00 in. since March 1st statewide.

Days suitable for fieldwork 6.1. Soil moisture 62% very short, 36% short, 2% adequate. Corn planting ahead of average, emerged plants showing stress. Small grains need moisture. Soybean planting behind average, awaiting rain. Transplanting flue-cured tobacco 83%, 90% 1985, 82% avg. Peanuts 78% planted, 78% 1985, 74% avg. Sorghum 35% planted, 54% 1985, 43% avg. Sweetpotatoes 26% planted, 28% 1985, 19% avg. Irish potatoes 76% fair, 24% good. Peaches 6% poor, 72% fair, 22% good. Truck crops 17% poor, 76% fair, 7% good. Pasture 59% poor, 38% fair, 3% good. Major farm activities: Planting corn, peanuts, cotton, sorghum, vegetables, sweetpotatoes, soybeans; transplanting, resetting, irrigating tobacco; cultivating corn; cutting hay; applying pesticides to ornamentals; cutting small grains for hay; spraying apple trees; harvesting strawberries; tending livestock; general maintenance.

NORTH DAKOTA: Temperatures ranged from 40 below normal west central to 30 above normal northeast. Low 23° west central 17th, high 83° south central 12th. Precipitation scattered. Several areas

received no precipitation, others received substantial amounts.

Days suitable for fieldwork 6.7 statewide. Moisture supplies continued better than normal. Topsoil 91% adequate, 9% surplus; subsoil 88% adequate, 12% surplus. Condition of small grains, generally good. Drier, warmer weather brought good small grain planting progress. However, seeding of most crops remains well behind normal due to earlier wet weather. Planting progress for hard red spring wheat 63% complete, 96% 1985, 75% avg.; emerged thru stooling 25%, 72% 1985, 43% avg. Durum wheat 50% planted, 90% 1985, 64% avg.; emerged thru stooling 14%, 58% 1985, 31% avg. Barley 64% planted, 97% 1985, 78% avg.; emerged thru stooling 25%, 73% 1985, 45% avg. Late season crops making headway. Corn 20% planted, 62% 1985, 35% avg.; flax 15% planted, 65% 1985, 28% avg.; soybeans 4% planted, 44% 1985, 28% avg.; sunflower 2% planted, 14% 1985, 11% avg.; potatoes 25% planted, 69% 1985, 50% avg.; dry edible beans 3% planted, 26% 1985, 14% avg. Sugarbeets 62% planted, 100% 1985, 96% avg. Pasture growth 31% fair, 61% good.

OHIO: Average lows upper 40s to mid 50s; 100 above normal. Average highs mid 70s north, high 70s south; 60 above normal. Rainfall 0.25 to 1.00 in.

Days suitable for fieldwork 5.0. Corn 55% emerged. Crusted soils rotary-hoed. Cutworms observed. Soybeans 15% emerged. Winter wheat heading on short straw; fair to mostly good. Oats fair to good. Hay, pastures mostly fair to good. Alfalfa budding on short growth. Weevils almost to economic threshold. Processing tomato planting 50% complete. Strawberries full bloom.

OKLAHOMA: Temperatures averaged 10 below normal Panhandle, central, west central to 30 above normal northeast. Precipitation averaged 1.43 in. Panhandle to 3.94 in. central.

Days suitable for fieldwork 3.8. Topsoil moisture 20% short, 45% adequate, 35% surplus. Subsoil moisture 20% short, 80% adequate. Rains replenished moisture supplies. Wheat 30% good, 60% fair, 10% poor. Wheat 98% headed, 98% 1985, 85% avg. Wheat 75% soft dough, 25% 1985, 20% avg. Less than 1% harvested. Rains halted harvest southwest, aid wheat development other areas. Hail caused extensive damage southwest. Sorghum 20% planted, 10% 1985, 15% avg. Cotton 15% planted, 25% 1985, 15% avg. Rains delayed row crop planting. Storm damage may result in cotton replanting. Pastures progressed from ample moisture. Cattle marketings, prices increased Panhandle, steady elsewhere.

OREGON: Week began cool, damp ended warm, dry. Precipitation first half week averaged 0.50 in. along coast, North Cascades, high plateau area. Less than 0.10 in. western valleys, north central region. Remainder of State dry. Average temperatures cooler than normal. Willamette Valley, north, south central 40 below normal. Temperatures 1 to 30 below normal other areas. Minimum temperatures upper teens, low 20s southwest interior; low 30s east of Cascades. Maximum temperatures close of week 70s to mid 80s most areas.

Soil moisture 28% short, 64% adequate, 8% surplus. Barley 98% seeded, 98% 1985. Spring grain seeding nearly finished all areas. Alfalfa cutting Hermiston. Crimson clover bloom Willamette Valley. Mint reaching ground cover Hermiston; 3 to 5 in. Malheur County. Growth of most field crops slow due to cold weather. First cover spray finished Medford orchards; frost markings in unheated blocks. Hood River cool weather slowed growth of tree fruits, some frost damage. Cherry trees doing fine The Dalles. Thinning sprays, irrigation Milton-Freewater apples; no frost injury this

spring. Good fruit set Lane County. Boysenberry, Marion blackberry, Red raspberry bloom started western areas, plant development slow. Light frost 13th caused slight damage to strawberries. Western growers planting snap beans, broccoli, sweet corn, green peas. Good onion stands despite some crusting western areas; 3 to 8 leaf stage Hermiston; 2 leaf stage Malheur, some maggots, cut worm injury. Potato planting started Deschutes County; earliest fields nearing row cover Hermiston; planting full swing Klamath Basin; planting complete, 10% emerged Malheur. Hermiston asparagus harvest continued; also second watermelon planting, some first planting frosted. Livestock mostly good. Branding nearly completed; most cows, yearlings from California turned out on summer range. First fat lambs to market. Range, pasture fair to good; cool temperatures slowed growth.

PENNSYLVANIA: Unseasonably warm, muggy and rather dry. Average temperature 62°, 5° above normal. Temperature extremes 32°; 88°. Average precipitation 0.27 in., 0.55 in. below normal.

Days suitable for fieldwork 5.0. Soil moisture 82% short, 18% adequate. Plowing 92% complete, 93% 1985, 81% avg. Corn 70% planted, 72% 1985, 49% avg. Potatoes 84% planted, 88% 1985, 71% avg. Oats 99% planted, 98% 1985, 90% avg. Soybeans 32% planted, 21% 1985, 14% avg. Hay stands mostly good to fair. Feed from pastures mostly average to below average. Barley 20% pre-boot, 37% boot; 43% headed. Wheat 54% pre-boot, 38% boot; 8% headed. Wheat 2% poor, 21% fair, 63% good, 14% excellent. Oats 1% very poor, 7% poor, 27% fair, 56% good, 9% excellent. Peaches 100% full bloom or past stage; 1985 2% pink stage, 98% full bloom or past stage. Apples 1% pink stage, 99% full bloom or past stage; 1985 2% pink stage, 98% full bloom or past stage. Activities: Planting soybeans, oats, corn, potatoes; plowing; spreading manure, fertilizer, lime; harvesting hay.

PUERTO RICO: Island average rainfall 7.99 in., 6.44 in. above normal. Highest weekly total 12.70 in. Highest 24-hour total 7.02 in. Total rainfall 5.62 in., plus 4.31 in. Temperature averaged about 78° to 79° on coasts, 72° to 75° interior divisions. Mean station temperature ranged from 66° to 80°. Extremes 52°; 92°.

SOUTH CAROLINA: Temperatures slightly above normal. Scattered thunderstorms early week, additional thundershowers over weekend.

Days available for fieldwork 5.6. Soil moisture 55% very short, 41% short, 4% adequate. Cotton 3% very poor, 42% poor, 55% fair; 92% planted, 100% 1985, 95% avg. Corn poor to fair; 100% planted, 100% 1985, 100% avg. Tobacco fair; 99% planted, 100% 1985, 100% avg. Soybeans poor to fair; 10% planted, 15% 1985, 16% avg. Vegetables fair. Peaches fair, light harvest underway. Pastures poor, need general rain. Small grains poor to fair, maturing rapidly.

SOUTH DAKOTA: Average temperatures 2 to 4° below normal; none to 2° above normal western border. Extremes 23°; 88°. Black Hills low 16°. Precipitation 0.50 to 1.00 in. east and central; less than 0.25 in. west.

Days suitable for fieldwork 1.1. Topsoil moisture adequate west, surplus east; 36% adequate, 64% surplus. Subsoil moisture 50% adequate, 50% surplus. Flooding major problem northeast, east central. Cool, wet weather slowing spring planting; crops fair to excellent. Spring small grain seeding three weeks behind normal. Corn planting beginning but slow due to cool, wet conditions. Livestock fair to good. Pneumonia, scours showed up following mid-April blizzard. Calving 75%, lambing 74% complete. Thirty seven percent of cattle moved to pasture to get out of

mud. Range, pastures fair to good, supplemental feeding continued.

TENNESSEE: Precipitation spotty for week. General rains west on 17th, entire State 18th. Amounts 0.50 to 1.00 in. common for week. Temperatures above normal 2 to 5°. Extremes 54°; 89°.

Days suitable for fieldwork 5.5. Soil moisture 69% very short, 15% short, 14% adequate, 2% surplus. Corn 90% planted, 85% 1985, 70% avg.; 7% very poor, 22% poor, 47% fair, 24% good. Progress slowed due to dry soil conditions. Cotton 80% planted, 80% 1985, 80% avg.; 4% poor, 42% fair, 50% good, 4% excellent. Sorghum 60% planted, 40% 1985; 2% very poor, 6% poor, 66% fair, 27% good. Soybeans 20% planted, 15% 1985, 12% avg. Tobacco 15% transplanted, 40% 1985, 25% avg.; 15% very poor, 42% poor, 40% fair, 3% good. Wheat 95% headed, 95% 1985, 90% avg.; 15% very poor, 27% poor, 44% fair, 14% good. Alfalfa 60% 1st cutting, 65% 1985, 50% avg.; 11% very poor, 44% poor, 37% fair, 8% good. Pastures very poor to poor. Livestock fair.

TEXAS: Early week, dry line set-up near Caprock eastern Low Plains. Thunderstorms, some severe weather triggered as boundary moved eastward during daytime hours. Heavy storms Rolling Plains, Concho Valley, Southern Low Plains. Weekend unstable situation existed, upper air disturbances, southward pushed cold air triggered strong thunderstorms many areas, especially eastern two-thirds. Hail, other severe weather. Although significant rains occurred, most districts slightly behind on moisture. High Plains, Cross-Timbers, Rio Grande Valley slightly above normal. Weekly temperature averages slightly below average Southern Low Plains, south, lower coastal sections.

Crops: Dryland wheat Plains continued turn color. Small amount of rain probably not help yield outlooks very much. Irrigated fields beginning turn color. Some harvesting Low Plains, Cross-Timbers. Some fields hailed out Cross-Timbers. Harvest delayed many areas Blacklands, central, east, south. Yields remain low. Corn planting completed Plains. Irrigated fields emerging, most irrigated fields good growth. Stands not uniform Blacklands, showing good growth following recent rains. Many fields tasseling central. High winds caused some lodging. Rains east, along Upper Coast will boost growth. Fields continued tassel Coastal Bend, Rio Grande Valley. Grain sorghum planting active again last week Plains, light showers improved planting moisture some areas. Fields Blacklands uneven stands; rainfall improved growth last week. Some early fields beginning head. Fields east heading. Central fields responding to good rains last week, some fields beginning to head. Rains also helped growth Coastal Bend, Upper Coast. Cotton planting increased Plains. Irrigated fields emerging. Some cultivating drier fields Blacklands. Some thrip damage. Planting continued Trans-Pecos. Fields squaring Coastal Bend to Rio Grande Valley, some early fields blooming. Rains helped rice emergence Upper Coast; some flooding fields continued. Most fields showing good weed control, little insect problems. Peanut planting continued north some fields up and growing. Recent moisture south central should improve planting conditions.

Other Field Crops: Peanuts 18% planted, 21% 1985, 18% avg. Soybeans 35% planted, 14% 1985, 10% avg. Sunflowers 26% planted, 14% 1985, 19% avg. Oats 5% harvested, 4% 1985, 8% avg.

Commercial Vegetables: Rio Grande Valley, onion, cabbage harvest winding down, prices remain low. Harvest melons increasing slightly. Some early shipments tomatoes, bell peppers underway. San Antonio-Winter Garden, onion harvest increasing. Melons making good progress, some

early watermelons harvested south. East, harvest continued as weather permits squash, potatoes, snap beans. Sweetpotatoes good progress. Tomatoes sizing well. High Plains, onions making good progress under irrigation. Sweet corn good progress. Potatoes excellent progress. Planting other vegetables continued. Trans-Pecos, onion harvest continued. Early peach varieties continued come off east, Hill Country. Crop short, prices good. Quality good. Pecan producers spraying casebearers many areas central, Hill Country. Producers most other areas spraying very soon. Nut set good most areas.

Range and Livestock: Range, pasture conditions improved greatly east because continued moisture. First cutting hay underway east before recent rain. Plains, west continued to suffer lack of rain, many wheat fields grazed for additional forage Plains. Pastures central, south greened up some. Livestock good. Cattle prices remain low. Sheep, lamb market strong. Lamb crop good Hill Country.

UTAH: Temperatures normal to 7° below. Precipitation 0.01 in. south to 0.28 in. north central.

Days suitable fieldwork 4.5. Topsoil moisture adequate. Corn 51% planted, 2% emerged. Spring wheat 93% emerged; barley 91%, oats 70%. Winter wheat 12 in. high, 9% jointed. Alfalfa 11 in. high, first cutting 2% complete. Fruit crops fair to good. Apricot crop light. Cherry picking beginning south, light crop. Range, pasture good. Livestock good. Movement to summer range south.

VIRGINIA: Much needed rain mid period. Amounts varied 0.25 in. north, 1.50 in. west. Slow warming trend through period. Average temperatures 20° below normal. Range 30s to high 80s.

Days suitable for fieldwork 4.1. Soil moisture 55% short, 45% adequate. Rain helped ease drought conditions. Corn planting 86% complete, 88% 1985, 85% avg. Condition fair, should improve. Soybean planting slow, 18% complete, 24% 1985, 25% avg. Peanut planting 95% complete, 94% 1985, 94% avg. Flue-cured tobacco transplanting 59% complete, 67% 1985, 58% avg. Fire-cured tobacco transplanting 24% complete, 29% 1985, 25% avg. Burley tobacco transplanting 16% complete, 12% 1985, 13% avg. Burley, dark-fire tobacco seedlings short supply. Apples good to excellent most areas. Some frost damage extreme west. Wheat fair, short from drought but should improve. Rain not likely to help barley much. Cereal leaf beetles present, some spraying. Alfalfa poor to fair, other hay mostly poor. First cut hay short. Pastures mostly poor, poorest west. Irrigated vegetables.

Colorado potato beetle common in tomatoes, potatoes east. Sheared sheep.

WASHINGTON: Normal rainfall west, little to no precipitation east. Unseasonably cool temperatures continued, averaged 7 to 13° below normal.

Days suitable for fieldwork 5.7. Soil moisture 15% short, 70% adequate, 15% surplus. Wheat mostly fair to good. Barley 10% fair, 50% good, 40% excellent. Potatoes 25% fair, 75% good. Cool temperatures Wenatchee Valley; slowed fruit growth, inhibited pollination. Hay supplies 20% short, 80% adequate. Range, pasture 10% short, 90% adequate.

WEST VIRGINIA: Temperatures 2 to 7° above normal. Average temperature 66°. Temperature extremes 33° Greenbank; 96° Gary. Precipitation below normal northeast, north central divisions; above normal northwest, central, southwest and southern divisions. Average precipitation 1.21 in.

Days suitable for fieldwork 3.7. Soil moisture 13% very short, 59% short, 28% adequate. Feed supplies 27% short, 65% adequate, 8% surplus.

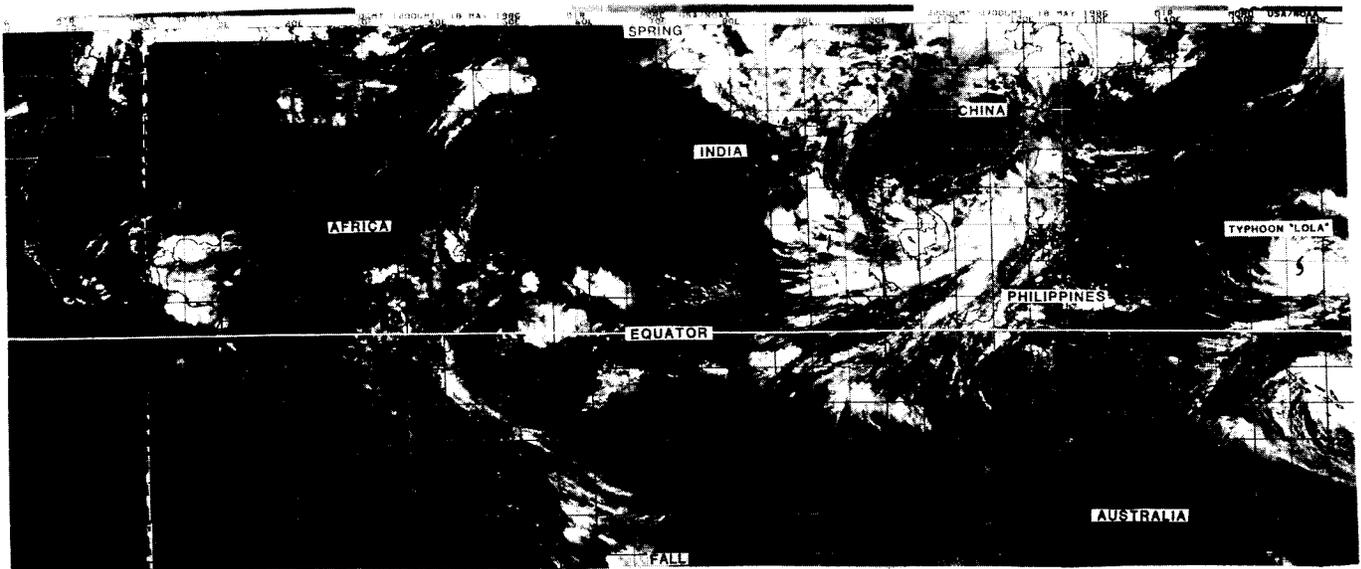
WISCONSIN: Temperatures averaged 59°, 2° above normal; low 35°, high 80°. Rainfall range 0.60 to 2.70 in. helpful to dry topsoil east, south. Days suitable for fieldwork 2.9. Soil moisture 38% short, 43% adequate, 19% surplus. Spring plowing 82% complete, 87% 1985, 77% avg. Corn planted 60%, 72% 1985, 54% avg. Soybeans 17% planted, 25% 1985, 16% avg. Rain aided crop development. Oats look good. Condition of early planted corn good. Fruits, vegetables progressing well, mostly good.

WYOMING: Temperatures 5° below normal. Precipitation normal to 0.50 in above.

Days suitable for fieldwork 5.2. Topsoil moisture 5% short, 87% adequate, 8% surplus. Subsoil moisture 10% short, 85% adequate, 5% surplus. Spring wheat planted 90%, 95% 1985, 80% avg.; emerged 60%, 70% 1985, 50% avg. Oats planted 80%, 85% 1985, 70% avg.; emerged 50%, 55% 1985, 40% avg. Barley planted 90%, 95% 1985, 85% avg.; emerged 70%, 70% 1985, 60% avg. Sugarbeets emerged 60%, 65% 1985, 45% avg. Corn planted 45%, 75% 1985, 55% avg.; emerged 5%, 25% 1985, 10% avg. Potatoes planted 40%, 75% 1985, 35% avg.; emerged 5%, 40% 1985. Dry beans planted 5%, 15% 1985, 10% avg. Winter wheat 35% fair, 65% good. Livestock 15% fair, 85% good. Spring calves born 95%, 95% 1985. Calf losses mostly light. Farm flock: Ewes lambed 100%, 95% 1985; shorn 90%, 90% 1985. Range flock: Ewes lambed 70%, 70% 1985, 75% avg.; shorn 85%, 85% 1985, 80% avg. Lamb losses mostly light. Range, pasture mostly good. Spring grazing prospects mostly good.

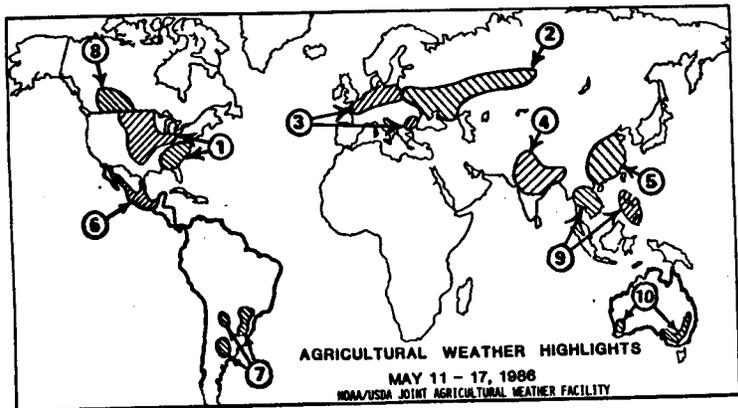
GLOBAL WEATHER SATELLITE IMAGE

MAY 18, 1986



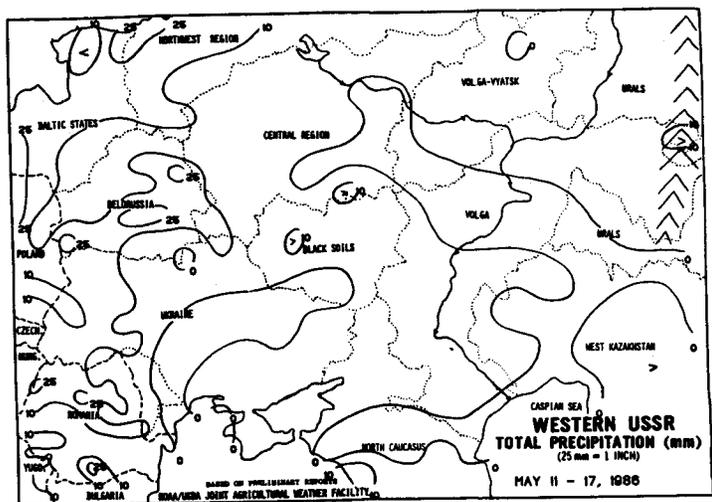
International Weather and Crop Summary

May 11 - 17, 1986



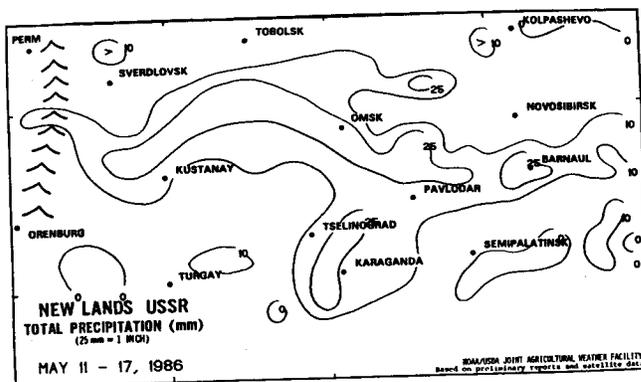
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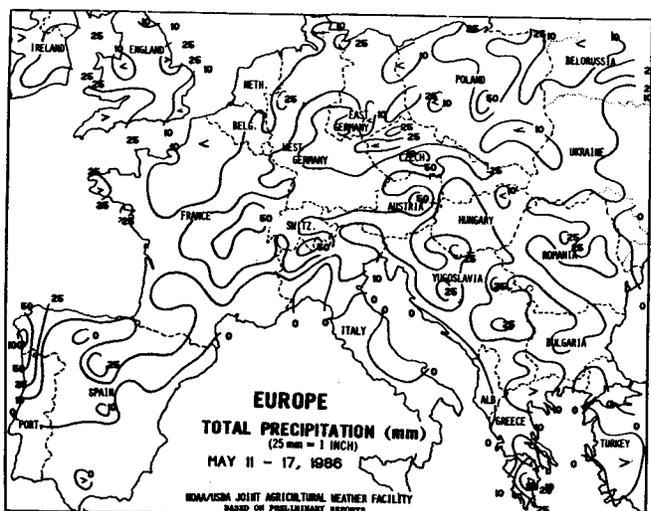
1. **UNITED STATES** ... Severe thunderstorms cause little crop damage but provide much needed moisture for crop development from Texas through the central Great Plains into the Corn Belt. Precipitation sprinkles the Southeast but more rain is needed.
2. **U.S.S.R.** ... Rain is needed in major winter wheat areas of the Ukraine and North Caucasus where the crop is entering the highly moisture sensitive heading stage. In the New Lands, topsoil moisture conditions are favorable in most areas for spring grain planting.
3. **EUROPE** ... Occasional showers and mild weather favor crop growth in the north. Spotty showers in the southeast improve moisture conditions for winter grains in the heading stage, but more rain is needed.
4. **SOUTH ASIA** ... Premonsoon showers are moistening soils and allowing fieldwork to begin.
5. **EASTERN ASIA** ... Hot weather stresses crops in the North China Plain. Rain arrives late in the week but does not cover all areas.
6. **MEXICO** ... Dryness continues in the west, increasing irrigation needs. Light showers help crop development in the east.
7. **SOUTH AMERICA** ... Dry weather favors Argentina's crop harvests. Locally heavy showers occur in Brazil, but mostly light rain falls during the week in major soybean areas still to be harvested.
8. **CANADA** ... Precipitation and cool weather hamper spring wheat planting and emergence.
9. **SOUTHEAST ASIA** ... Drier weather in Thailand allows corn and rice planting to progress. Moderate rain favors rice planting in the Philippines.
10. **AUSTRALIA** ... Beneficial rain arrives in the west while wheat planting continues in the east.



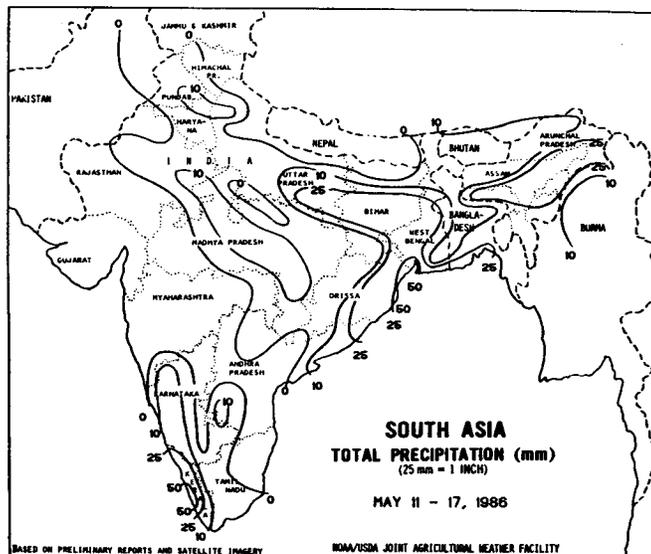
WESTERN U.S.S.R. ... Mostly dry weather returned to winter grain areas in the eastern Ukraine, North Caucasus, eastern Black Soils Region and the Volga. Crops in these areas had to rely on soil moisture, but weekly temperatures were below normal lowering crop moisture demands. Crop areas that received significant rain (10 to 25mm) were those in the Baltic States, southern Belorussia, and the extreme western Ukraine. The rain in these areas fell late in the week, relieving unseasonably warm, dry weather conditions. Winter grains across the southern Ukraine, North Caucasus, and lower Volga are probably entering the highly moisture sensitive heading stage. Winter grains in these areas usually enter the heading stage in early June. Widespread rain is needed to ensure favorable yield prospects.

In the New Lands, spring grain planting is likely taking place, especially in southern crop areas. Mostly dry weather over much of the south allowed planting to progress northward with few delays. Wet weather covered central crop areas, increasing pre-planting soil moisture. At present, soil moisture over the region is generally adequate for crop emergence and early establishment. Weekly temperatures were below normal over the region and warmer weather is needed for emergence.

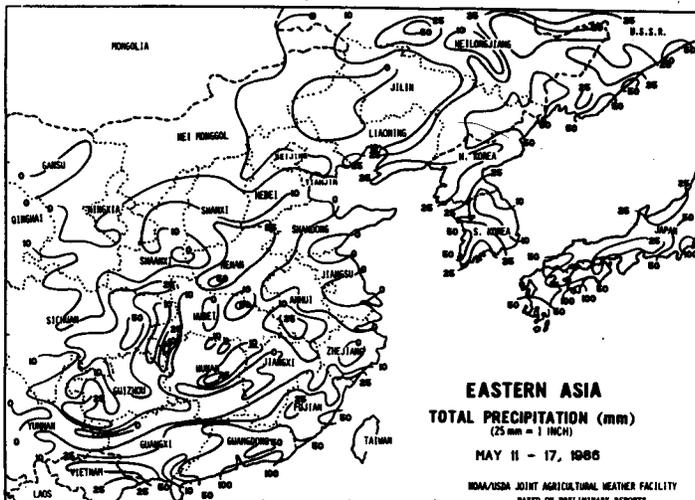




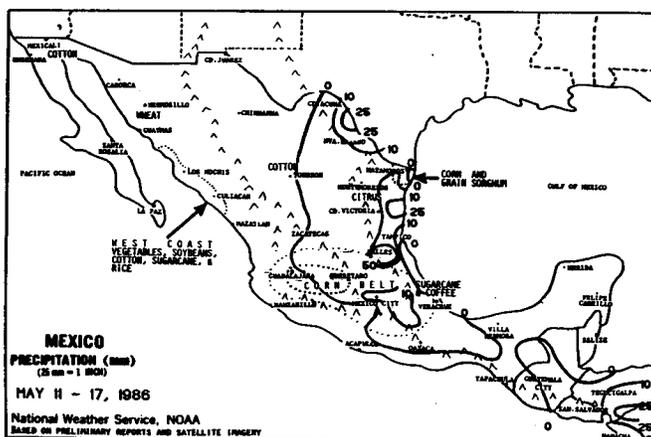
EUROPE ... Unseasonably cool, wet weather covered much of England, likely causing some planting delays. Occasional showers and mild weather stretched from northern France through the Netherlands, Belgium, and into northern West Germany, favoring crop growth. Generally dry weather in southwestern France aided corn planting. Wet weather (25 to 50mm) covered eastern France, southern West Germany, Austria, and Czechoslovakia, likely causing some delays in fieldwork. In Poland, beneficial showers fell over most crop areas, increasing soil moisture. Spotty showers in southern Romania and northern Bulgaria brought some relief to winter grains in the heading stage. Additional rain is needed in these areas for both winter grains and summer crops.



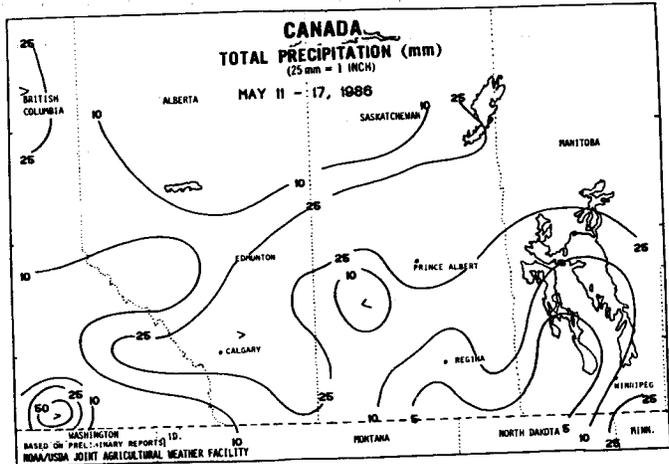
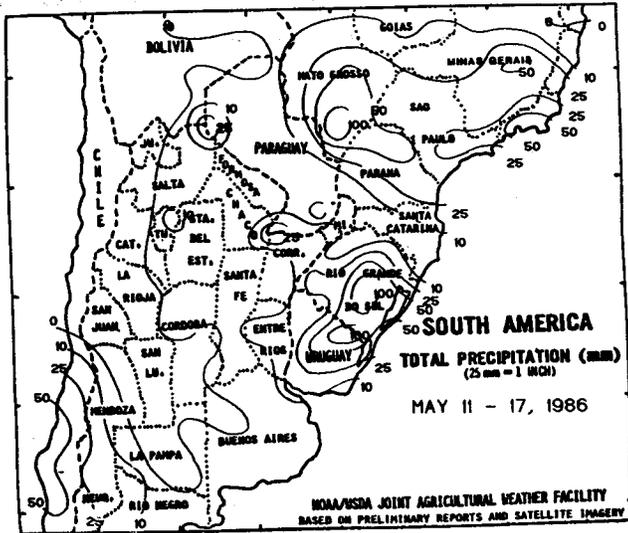
SOUTH ASIA ... Scattered, premonsoon showers fell in much of eastern and southern India. Moderate to heavy rain (25 to 85mm) fell in Kerala, while moderate rain fell in Orissa, West Bengal, and Bihar. Mostly light showers (1 to 15mm) fell in the major autumn rice areas of Tamil Nadu, eastern Madhya Pradesh, and Uttar Pradesh. Most autumn rice is rainfed and significant moisture is needed for planting. However, the light showers allowed fieldwork to begin.



EASTERN ASIA ... Variable rain fell in southern China. Moderate to heavy rain (25 to 100mm) fell in the coastal provinces benefiting early rice in the heading stage. Below-normal rain fell in the Yangtze Valley during the past 2 weeks, but moisture is adequate for early growth of intermediate rice. Hot weather was unfavorable for crops in the North China Plain. Temperatures reached 35 to 37 degrees C stressing winter wheat in the filling stage and early growth of corn and soybeans. The first significant spring rain (25 to 50mm) fell in Henan late in the week. However, little or no rain fell in most of Hebei, Shandong, Jiangsu, and northern Anhui maintaining a substantial irrigation requirement.

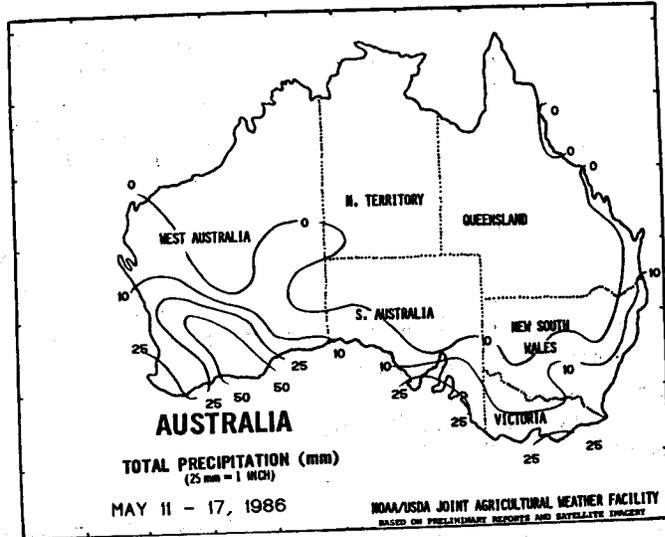
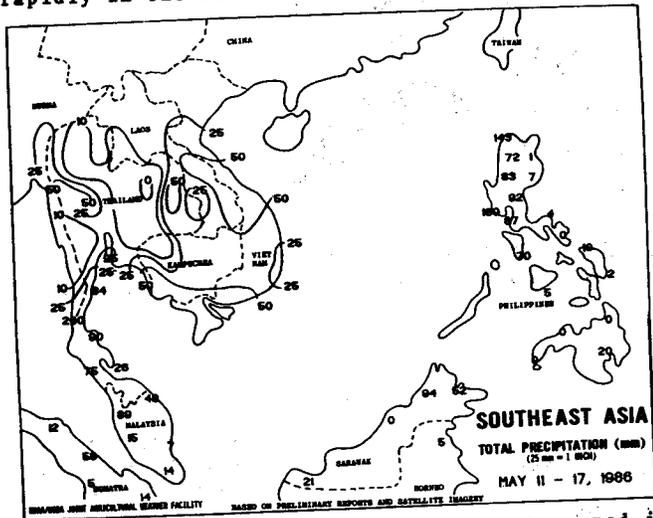


MEXICO ... Dry weather continued over western Mexico, favoring the wheat harvest in the northwest but increased the need for irrigation along the west coast farming region. May and June are peak planting months in the diversified crop area of Sinaloa. Dry weather also prevailed over north-central cotton and grazing areas. Weekly average temperatures ranged 3 to 5 degrees C above normal throughout most of the country, except the northwest where seasonal temperatures were reported. Mean temperatures generally averaging in the mid-20's C maintained a high evaporative demand. Light showers fell over most of eastern Mexico. Weekly rainfall was mostly below normal. The showers were beneficial for corn and soybean development in the northeast and for emergence of corn in eastern portions of the Southern Plateau corn belt.



SOUTH AMERICA ... Mostly dry weather favored crop harvesting in Argentina while scattered, locally heavy showers caused some delays in Brazil's soybean harvest. In Argentina, minimal rainfall (5mm or less) helped harvesting of corn (over 85 percent harvested), sunflowers (about 95 percent), sorghum (over 75 percent) and soybeans (nearly 30 percent). Generally dry weather also favored the northern cotton harvest. In Brazil, highly variable rainfall slowed fieldwork. Weekly rainfall of 50 to over 100mm occurred in southern Rio Grande do Sul, northwestern Parana and southern Mato Grosso do Sul. The soybean harvest is in its late stages in the latter two states. Mostly light rain (less than 10mm) in the major soybean areas of northwestern Rio Grande do Sul caused only minor harvest delays. Showers developed in this area over the weekend. Harvesting has increased rapidly in the south in recent weeks.

CANADA ... Precipitation fell over most crop areas of the Prairie Provinces, hampering spring plantings that are falling behind schedule. Weekly mean temperatures generally averaged 1 to 3 degrees C below normal, slowing crop emergence. Precipitation amounts were less than 5mm in southwestern Manitoba and southeastern Saskatchewan, where excessive moisture in recent weeks has delayed fieldwork. Heavier precipitation (15 to 40mm) in the west improved moisture reserves for crop emergence in southern Alberta and southwestern Saskatchewan. Spring wheat planting has fallen behind last year's pace and the average progress for this time. The optimal planting period lasts until late May. Soil moisture was generally good to excellent. Warmer, drier weather is needed to complete spring sowing.



SOUTHEAST ASIA ... Drier weather occurred in Thailand this week. Light to moderate rain fell in much of the region, but flood water was beginning to recede from last week's inundative rain. Corn and rice planting likely progressed in central Thailand where less than 10mm of rain fell. Most of Thailand has adequate moisture for planting. Significant rain (25 to 50mm) fell in Kampuchea, southern Laos, and southern Vietnam benefiting rice planting. Moderate to heavy rain fell in central Luzon, Philippines where dry weather was slowing rice planting.

AUSTRALIA ... Moderate to heavy rain (25 to 50mm) fell in Western Australia's wheat area. Earlier dryness was hampering planting in parts of the west. Dry weather covered southeastern Queensland and northern New South Wales allowing wheat planting to proceed following moderate rain during the last 2 weeks. Light to moderate rain (5 to 25mm) maintained adequate topsoil moisture for wheat planting and emergence in the southeast. Temperatures averaged above normal in the east, favoring rapid emergence of newly sown wheat.

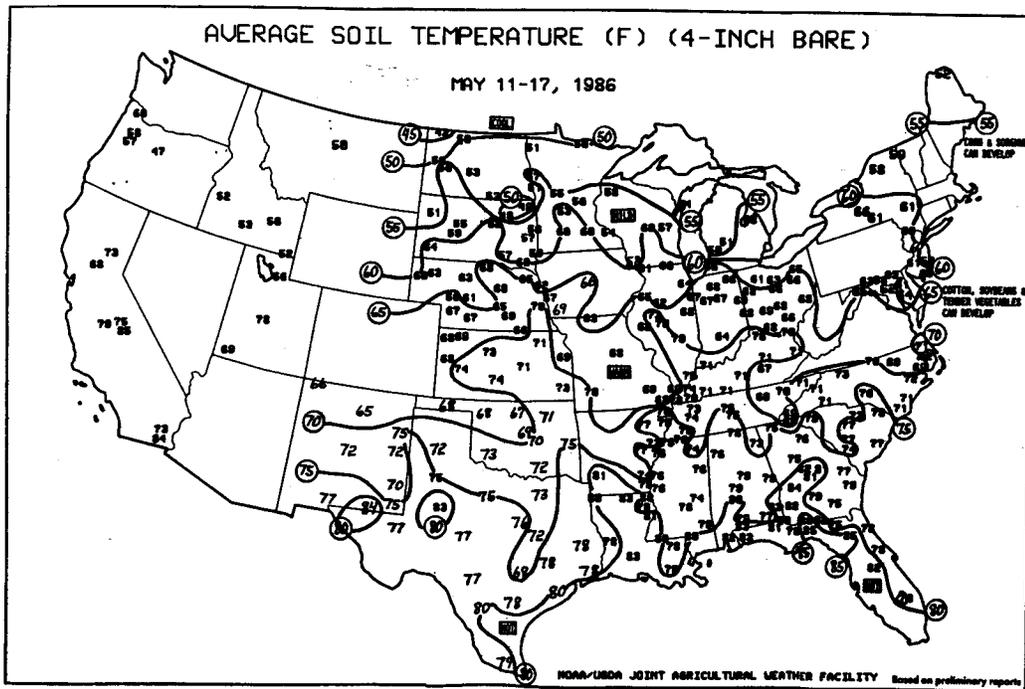
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