

WEEKLY WEATHER AND CROP BULLETIN

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

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
and World Agricultural Outlook Board

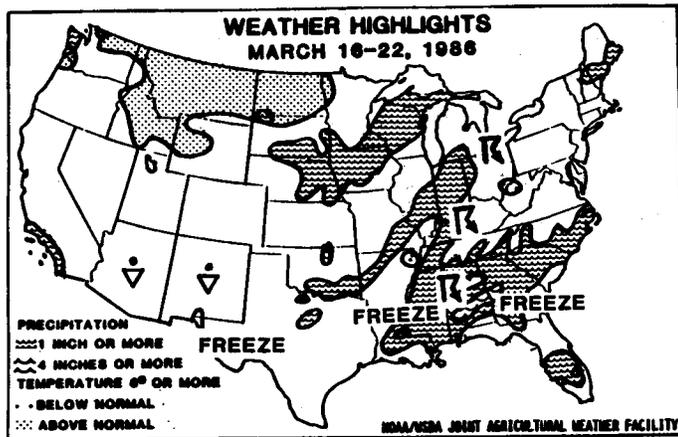
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WASHINGTON, D.C.

Mar. 25, 1986

National Weather Summary

March 16 to 22, 1986



HIGHLIGHTS: A Pacific storm moved through the Southwest, regenerated in the central Great Plains, and moved rapidly northeastward. Very cold Canadian air moved over much of the Nation behind the storm system. Rain fell from South Dakota and Nebraska into the lower Great Lakes, and then snow covered South Dakota and northern Nebraska. Snow persisted through the Great Lakes region most of the week. Showers and thunderstorms occurred along the leading edge of the cold air as it moved southward and eastward from the central Plains to New England and to the Atlantic Ocean. Severe weather was from central Texas to Lake Erie, across the South, and into southern Virginia. Freezing temperatures reached into southwestern Texas, the lower Mississippi Valley, and through most of Georgia. Another cold night was in store for Georgia as the week ended. Record-cold temperatures were in much of the Midwest, the Northeast, and the South.

SUNDAY...Showers and thunderstorms spread over the Southwest with some moderate to heavy amounts of rain along the southern California coast. Heavy snow fell in the higher elevations. Lighter showers covered the central Plateau region and the northern and central Rockies. Light showers also fell in the Plains from northern Kansas northward. Some freezing rain fell in South Dakota and Minnesota. Showers were light in the Southeast and some light snow fell from New York to New England.

MONDAY...Precipitation fell throughout the West, the Plains, and western Great Lakes. The Pacific storm moved through the Southwest and redeveloped in the central Plains triggering showers and thunderstorms from central Texas to southeastern South Dakota, Wisconsin, and Illinois. Heavy snow

fell in parts of the Plateau and Rockies and spread into South Dakota.

TUESDAY...The regenerated storm spread showers from the eastern part of the Great Plains, through the Great Lakes and to the Appalachians. Thunderstorms produced severe weather from Mississippi and Alabama to Lake Erie. Snow fell through the Rockies with some heavy amounts spreading through South Dakota.

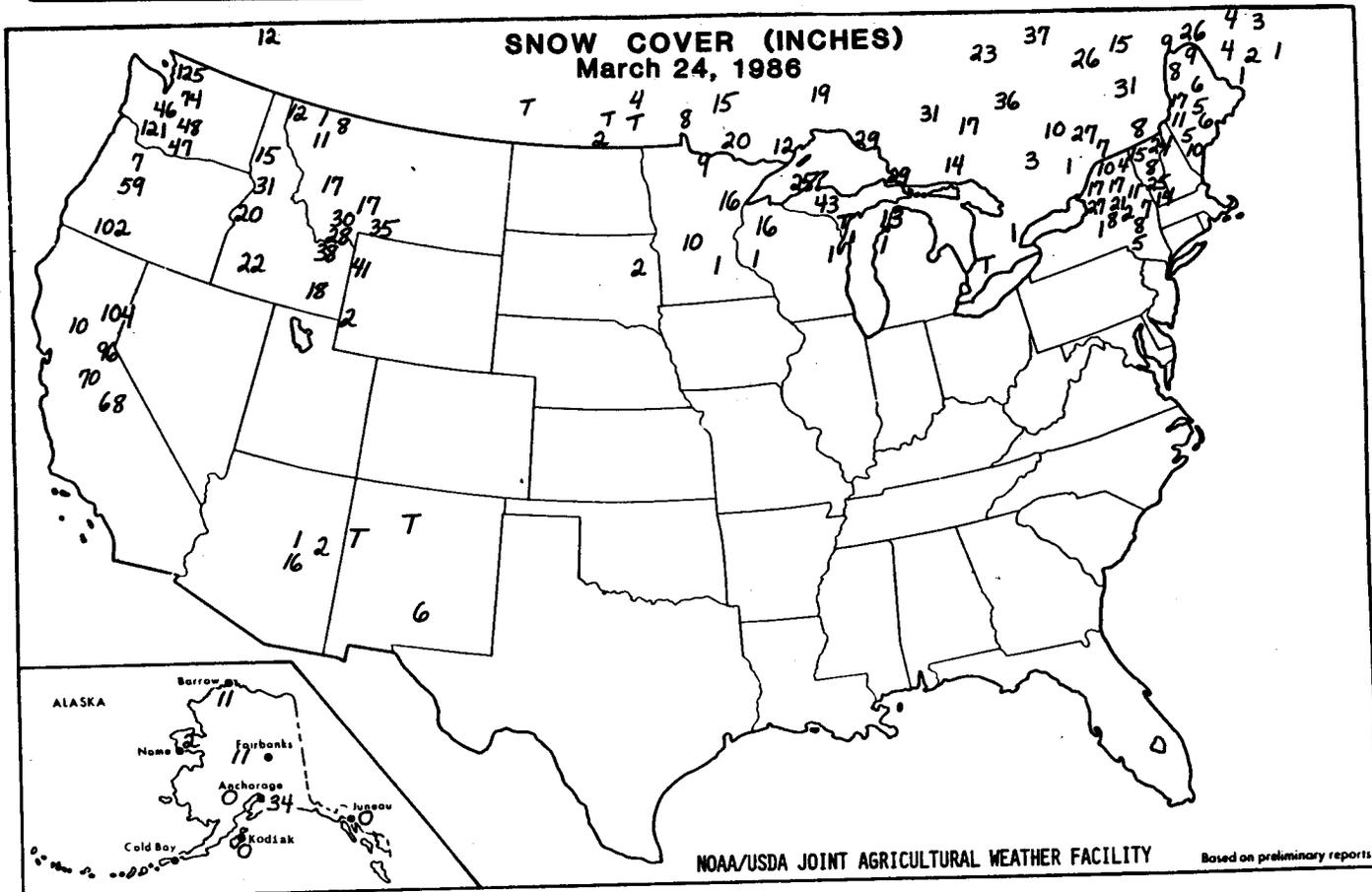
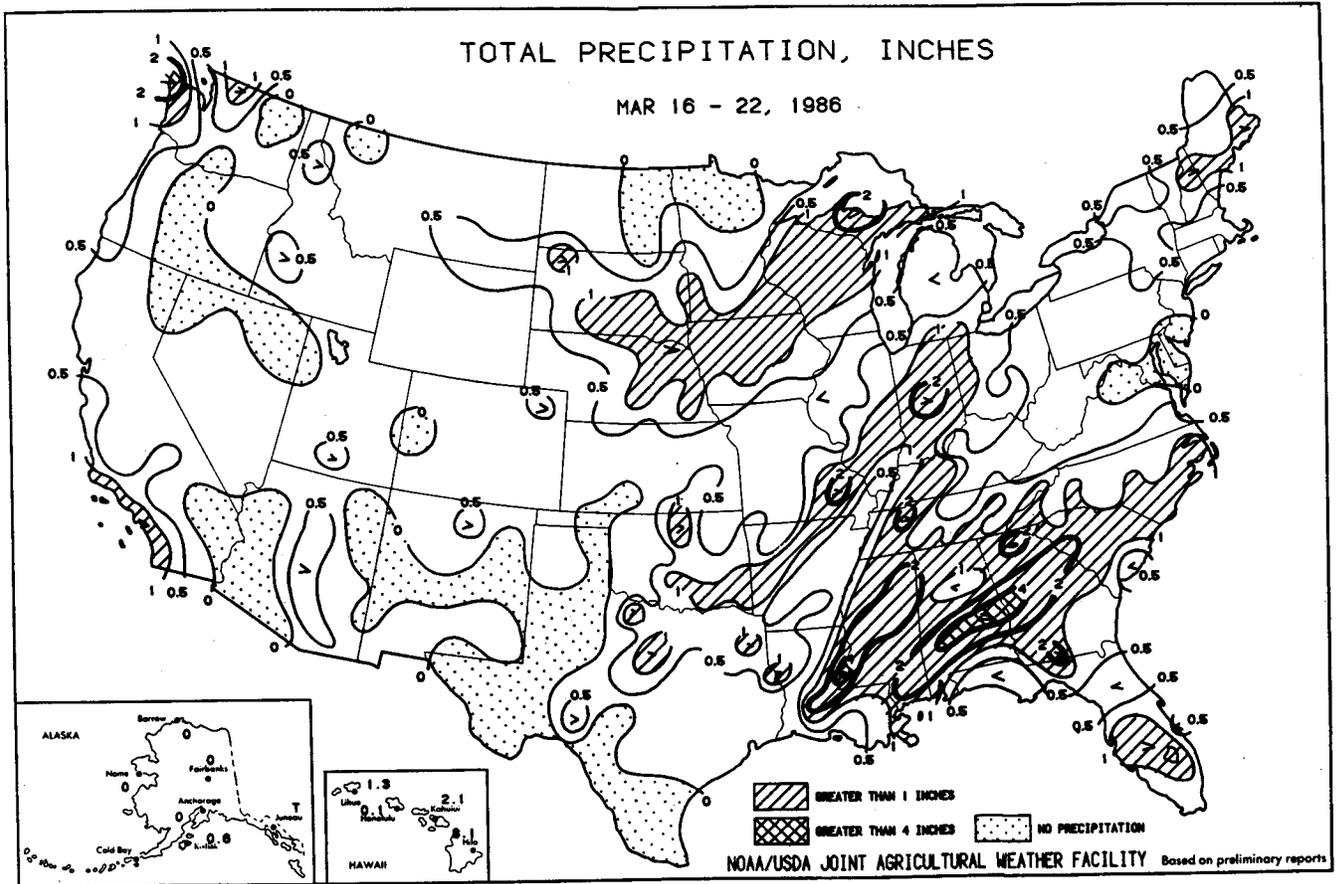
WEDNESDAY...The storm moved northeastward into Canada and spread snow and high wind through the Great Lakes region. Light rain fell from the lower Lakes States to New England. The trailing cold front triggered showers and thunderstorms through the East Coast States and Appalachians. Heavy rain accompanied severe weather from the central gulf coast to the Carolinas coast. Much colder air was behind the front with freezing temperatures reaching southward to northern Texas.

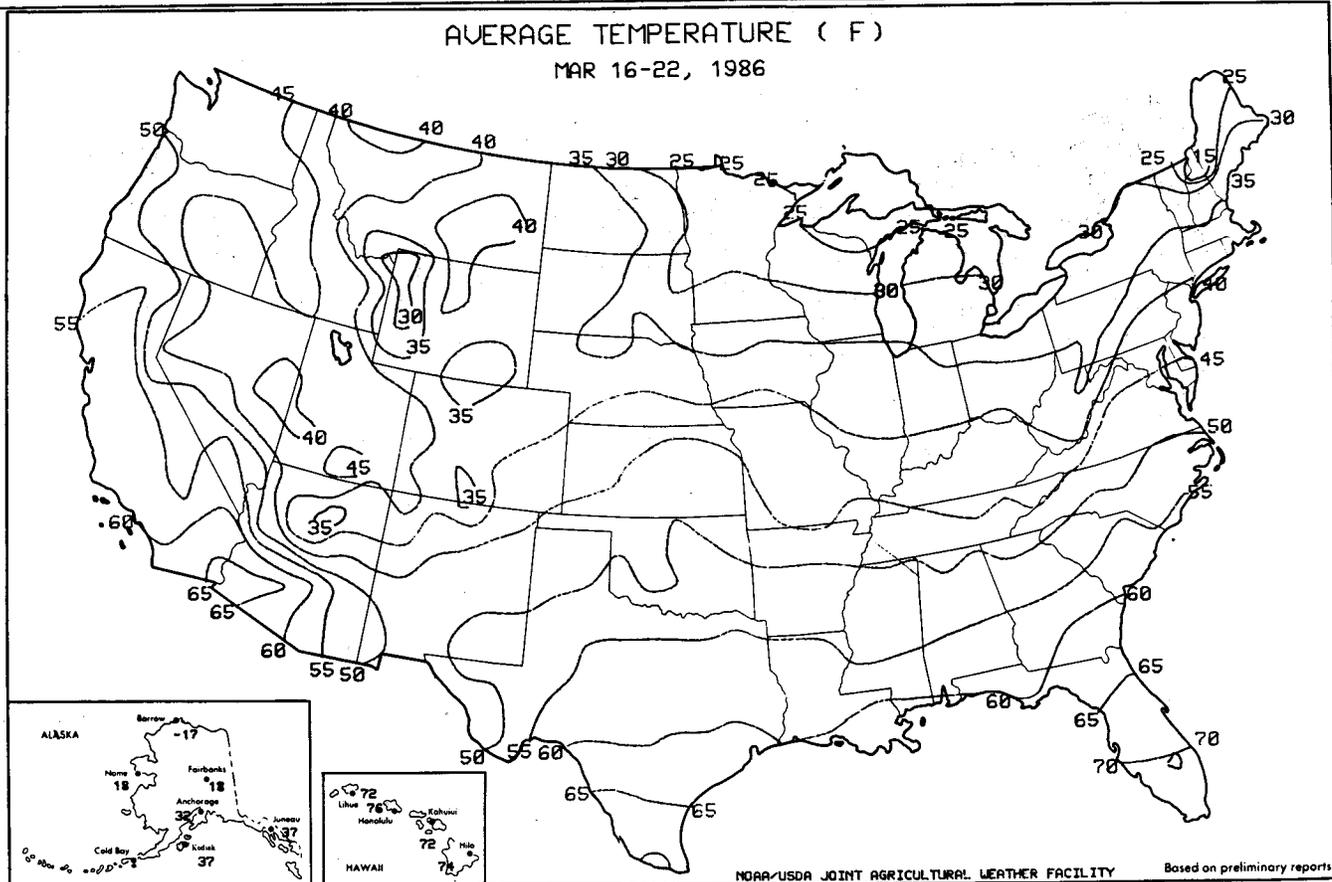
THURSDAY...The colder Canadian air spread through the Plains, the Rockies, the Plateau, and into the Northeast. Strong wind accompanied severely cold weather from the northern Plains through the Great Lakes. Snow showers fell from western New York and Pennsylvania to West Virginia while showers and thunderstorms covered the Southeast from southern Alabama to southeastern Virginia.

FRIDAY...The colder air spread over most of the Nation except the far West. Freezing temperatures reached to northern Georgia and southwestern Texas. A few rain showers remained in eastern Florida, light snow fell in the upper Great Lakes, and light rain fell in the Northwest.

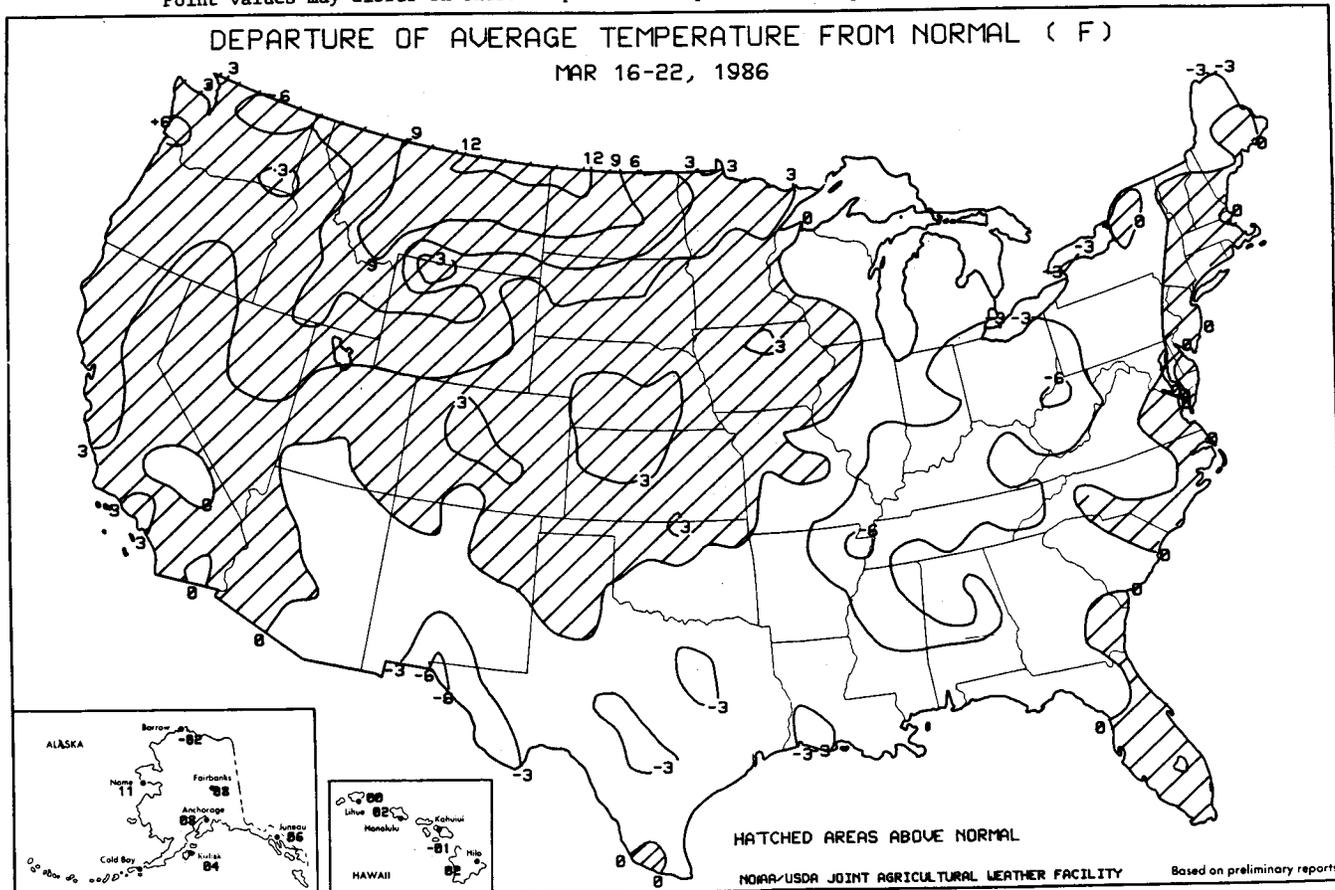
SATURDAY...Record-cold temperatures spread over the Midwest and the South. Freezing temperatures reached into the lower Mississippi Valley and through most of Georgia, but warmer weather began to spread eastward from the Plains. Most of the Nation remained clear, but a few snow showers persisted in the Great Lakes region.

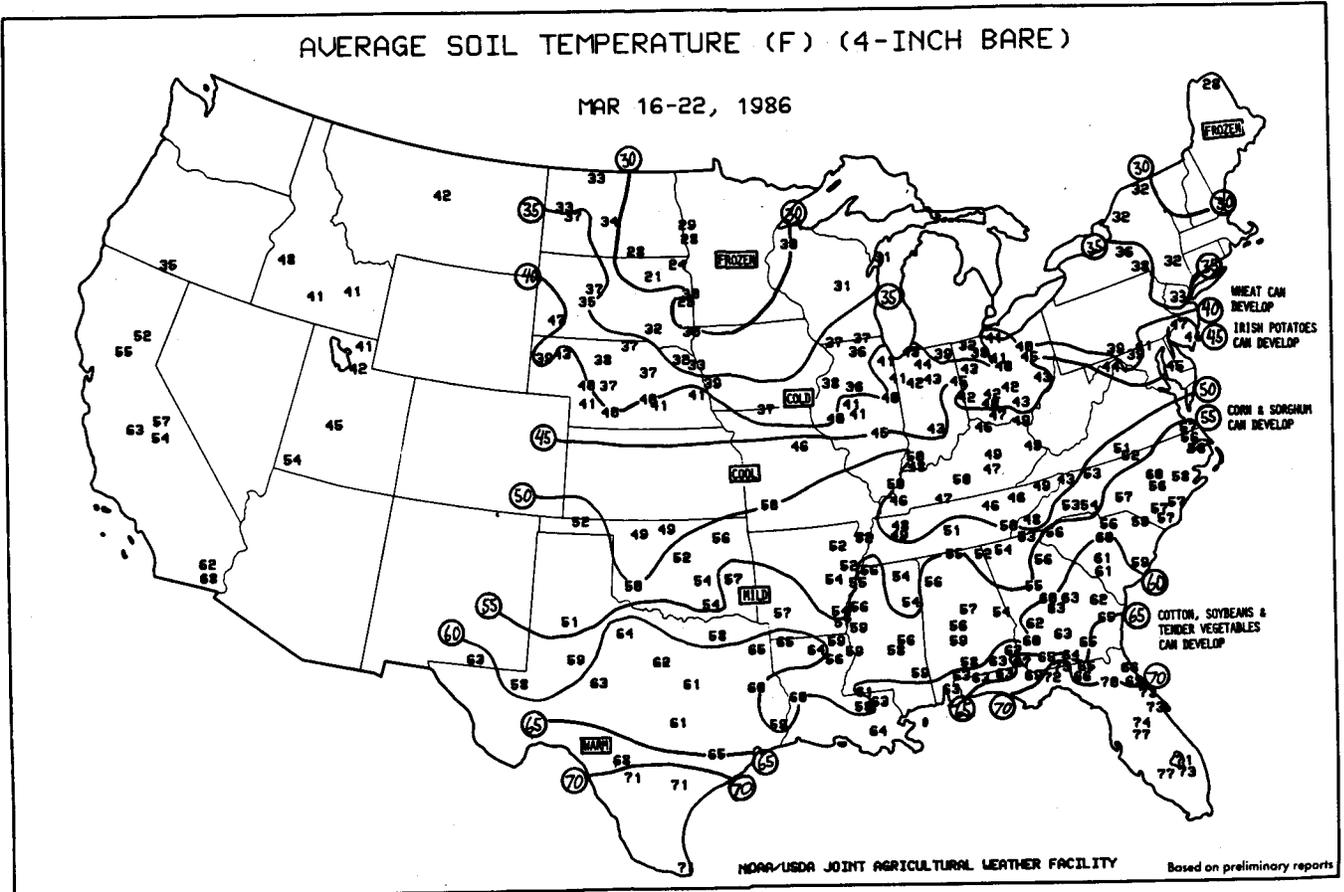
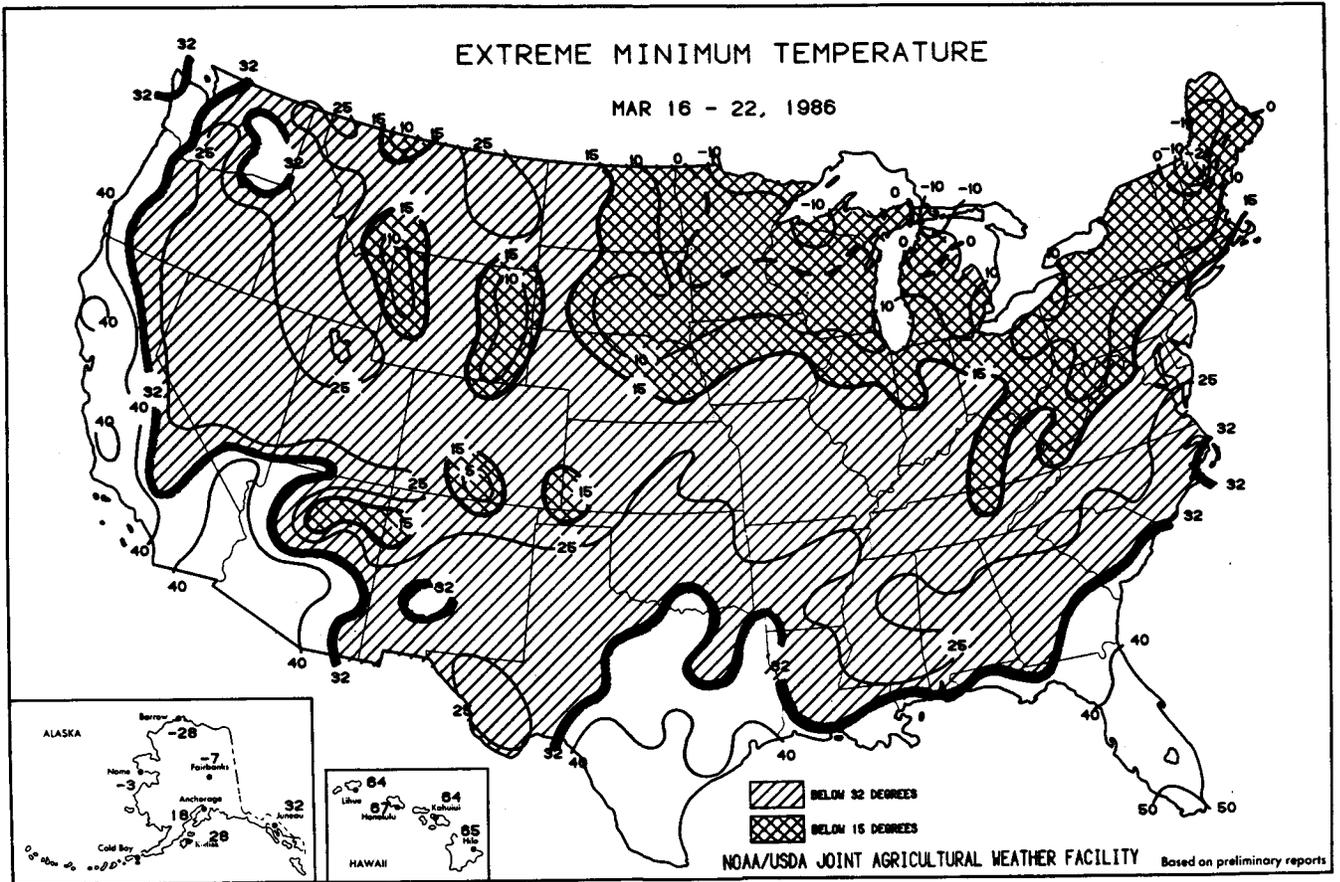
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Point values may differ on these computerized maps from the reported values in the tables.





Weather Data for the Week Ending March 22, 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 | TEMPERATURE | | PRECIPITATION | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM | 65 | 37 | 79 | 23 | 51 | -4 | .7 | -1.9 | .7 | 2.5 | 52 | 5.4 | 37 | 81 | 33 | 0 | 3 | 2 | 1 |
| MOBILE | 68 | 46 | 80 | 27 | 57 | -4 | 1.8 | .3 | 1.4 | 4.5 | 98 | 11.4 | 81 | 91 | 43 | 0 | 1 | 1 | 1 |
| MONTGOMERY | 66 | 43 | 80 | 29 | 55 | -3 | 4.2 | 2.8 | 2.7 | 216 | 16.5 | 127 | 85 | 43 | 0 | 2 | 3 | 3 | 3 |
| AK ANCHORAGE | 40 | 23 | 43 | 18 | 32 | 7 | 0 | -1 | 0 | 0 | 0 | .8 | 84 | 42 | 0 | 7 | 0 | 0 | 0 |
| BARROW | -12 | -23 | -9 | -28 | -17 | -2 | 0 | -1 | 1 | 113 | .4 | 36 | 78 | 69 | 0 | 0 | 0 | 0 | 0 |
| FAIRBANKS | 31 | 5 | 40 | -7 | 18 | 8 | T | T | T | 0 | .3 | 23 | 77 | 40 | 0 | 7 | 0 | 0 | 0 |
| JUNEAU | 41 | 33 | 44 | 32 | 37 | 6 | 2.4 | 1.7 | .9 | 5.1 | 209 | 15.4 | 156 | 99 | 84 | 0 | 2 | 6 | 2 |
| KODIAK | 42 | 32 | 46 | 28 | 37 | 4 | .6 | .3 | .4 | 3.7 | 123 | 20.3 | 115 | 90 | 63 | 0 | 4 | 5 | 0 |
| NOME | 28 | 8 | 37 | -3 | 18 | 11 | 0 | -1 | 0 | T | 8 | 1.0 | 59 | 81 | 46 | 0 | 7 | 0 | 0 |
| AZ PHOENIX | 76 | 50 | 89 | 47 | 63 | 2 | .5 | .3 | .3 | 1.6 | 246 | 2.8 | 140 | 74 | 22 | 0 | 0 | 0 | 0 |
| PRESCOTT | 58 | 30 | 73 | 26 | 44 | 1 | .2 | -1 | .2 | 1.7 | 144 | 2.8 | 64 | 74 | 33 | 0 | 2 | 2 | 0 |
| TUCSON | 72 | 43 | 86 | 37 | 57 | -1 | .8 | .2 | .7 | 1.3 | 258 | 3.4 | 170 | 76 | 25 | 0 | 6 | 0 | 1 |
| YUMA | 81 | 53 | 94 | 49 | 67 | 2 | T | 0 | .2 | .89 | .5 | 63 | 49 | 17 | 2 | 0 | 0 | 0 | 0 |
| AR FORT SMITH | 64 | 37 | 79 | 23 | 50 | -1 | .5 | -4 | .5 | 1.8 | 66 | 5.6 | 79 | 87 | 32 | 2 | 3 | 0 | 1 |
| LITTLE ROCK | 60 | 41 | 74 | 26 | 51 | -2 | .2 | -1.0 | .2 | 3.1 | 90 | 6.6 | 61 | 67 | 38 | 0 | 2 | 1 | 0 |
| CA BAKERSFIELD | 70 | 44 | 77 | 39 | 57 | 0 | .1 | -1 | .1 | 2.1 | 318 | 4.0 | 148 | 97 | 42 | 0 | 1 | 1 | 0 |
| EUREKA | 60 | 45 | 69 | 42 | 52 | 4 | .4 | -8 | .4 | 5.7 | 151 | 22.9 | 144 | 81 | 59 | 0 | 0 | 0 | 0 |
| FRESNO | 70 | 44 | 78 | 40 | 57 | 3 | .2 | -2 | .2 | 3.4 | 295 | 9.2 | 180 | 88 | 45 | 0 | 1 | 1 | 0 |
| LOS ANGELES | 72 | 50 | 83 | 45 | 61 | 4 | 1.9 | 1.5 | 1.9 | 4.9 | 368 | 12.6 | 183 | 85 | 35 | 0 | 0 | 0 | 1 |
| RED BLUFF | 70 | 45 | 78 | 41 | 57 | 4 | .1 | -4 | .1 | 4.8 | 267 | 18.3 | 191 | 83 | 39 | 0 | 1 | 1 | 0 |
| SACRAMENTO | 68 | 46 | 74 | 42 | 57 | 3 | .1 | -3 | .1 | 3.6 | 237 | 15.8 | 188 | 93 | 46 | 0 | 1 | 1 | 0 |
| SAN DIEGO | 71 | 51 | 80 | 49 | 61 | 2 | 1.3 | .9 | 1.1 | 3.1 | 263 | 6.4 | 136 | 78 | 39 | 0 | 0 | 2 | 1 |
| SAN FRANCISCO | 65 | 48 | 72 | 46 | 57 | 4 | .4 | -2 | .4 | 5.8 | 296 | 18.0 | 184 | 91 | 50 | 0 | 0 | 0 | 0 |
| CO DENVER | 50 | 30 | 67 | 23 | 40 | 1 | .4 | -1 | .2 | .4 | 54 | 1.3 | 65 | 81 | 38 | 0 | 5 | 5 | 0 |
| GRAND JUNCTION | 56 | 31 | 68 | 20 | 43 | 1 | T | -2 | .2 | .42 | .7 | .41 | 77 | 30 | 0 | 4 | 0 | 0 | 0 |
| PUEBLO | 58 | 29 | 74 | 21 | 44 | 3 | .1 | -1 | .1 | .4 | 81 | .7 | 70 | 97 | 27 | 0 | 4 | 0 | 0 |
| CT BRIDGEPORT | 46 | 31 | 55 | 14 | 39 | 0 | .1 | -1 | .1 | 2.0 | 76 | 8.0 | 90 | 78 | 43 | 0 | 1 | 1 | 0 |
| HARTFORD | 51 | 25 | 59 | 10 | 38 | 0 | .2 | -7 | .2 | 2.4 | 84 | 10.8 | 113 | 79 | 34 | 0 | 2 | 0 | 0 |
| DC WASHINGTON | 56 | 35 | 74 | 20 | 45 | -2 | .3 | -8 | .2 | .7 | 30 | 6.6 | 84 | 73 | 37 | 0 | 3 | 0 | 0 |
| FL APALACHICOLA | 70 | 51 | 76 | 33 | 60 | 6 | .3 | -6 | .3 | 2.2 | 74 | 11.4 | 113 | 91 | 61 | 0 | 0 | 0 | 0 |
| DAYTONA BEACH | 75 | 57 | 88 | 45 | 66 | 1 | .4 | -2 | .3 | 1.8 | 83 | 10.2 | 132 | 95 | 54 | 0 | 0 | 3 | 0 |
| JACKSONVILLE | 74 | 52 | 88 | 36 | 63 | 8 | .8 | -1 | .6 | 5.5 | 201 | 14.4 | 155 | 94 | 49 | 0 | 0 | 3 | 0 |
| KEY WEST | 80 | 71 | 85 | 57 | 76 | 1 | T | -3 | T | 1.2 | 122 | 4.5 | 98 | 90 | 64 | 0 | 0 | 1 | 0 |
| MIAMI | 79 | 66 | 85 | 48 | 72 | 0 | .8 | .4 | .5 | 4.0 | 302 | 10.7 | 195 | 86 | 60 | 0 | 0 | 2 | 0 |
| ORLANDO | 78 | 58 | 88 | 44 | 68 | 1 | .9 | -1 | .6 | 2.5 | 104 | 11.5 | 158 | 96 | 45 | 0 | 0 | 5 | 1 |
| TALLAHASSEE | 72 | 47 | 80 | 29 | 59 | -2 | .7 | -6 | .6 | 2.5 | 61 | 14.8 | 107 | 95 | 46 | 0 | 1 | 1 | 1 |
| TAMPA | 77 | 59 | 85 | 42 | 68 | 1 | 1.0 | .2 | .9 | 4.3 | 162 | 8.0 | 103 | 91 | 50 | 0 | 0 | 2 | 1 |
| WEST PALM BEACH | 78 | 64 | 88 | 45 | 71 | 1 | 1.0 | .4 | .5 | 3.2 | 166 | 11.1 | 154 | 90 | 58 | 0 | 0 | 2 | 1 |
| GA ATLANTA | 62 | 39 | 77 | 25 | 51 | -2 | 1.8 | .4 | 1.4 | 4.2 | 99 | 7.5 | 55 | 83 | 37 | 0 | 2 | 2 | 1 |
| AUGUSTA | 66 | 42 | 79 | 29 | 54 | -2 | 1.8 | .7 | 1.6 | 3.2 | 90 | 7.2 | 62 | 95 | 46 | 0 | 2 | 3 | 1 |
| MACON | 66 | 43 | 81 | 30 | 54 | -3 | 2.2 | 1.0 | 1.6 | 3.0 | 78 | 8.7 | 69 | 94 | 46 | 0 | 2 | 3 | 1 |
| SAVANNAH | 71 | 49 | 83 | 33 | 60 | 1 | .6 | -3 | .4 | 2.9 | 103 | 10.2 | 113 | 94 | 48 | 0 | 0 | 2 | 0 |
| HI HILO | 80 | 67 | 83 | 65 | 74 | 2 | 8.1 | 5.1 | 3.8 | 11.0 | 114 | 16.4 | 50 | 95 | 68 | 0 | 6 | 6 | 3 |
| HONOLULU | 83 | 70 | 85 | 67 | 76 | 2 | 1.1 | -1 | .1 | .3 | 1.7 | 19 | 82 | 51 | 0 | 0 | 0 | 0 | 0 |
| KAHULUI | 78 | 66 | 85 | 64 | 72 | -1 | 2.1 | 1.4 | 1.1 | 3.1 | 142 | 5.3 | 55 | 96 | 72 | 0 | 0 | 2 | 0 |
| LIHUE | 77 | 68 | 80 | 64 | 72 | 0 | 1.3 | .2 | .4 | 1.8 | 54 | 3.0 | 23 | 90 | 67 | 0 | 0 | 5 | 0 |
| ID BOISE | 57 | 35 | 67 | 30 | 46 | 4 | .7 | .4 | .7 | 1.9 | 287 | 6.6 | 194 | 90 | 39 | 0 | 2 | 1 | 1 |
| LEWISTON | 56 | 38 | 68 | 32 | 47 | 4 | T | -2 | T | .2 | 36 | 3.4 | 117 | 80 | 46 | 0 | 1 | 1 | 0 |
| POCATELLO | 51 | 32 | 64 | 24 | 41 | 5 | .5 | .3 | .4 | .9 | 133 | 4.6 | 170 | 90 | 47 | 0 | 4 | 2 | 0 |
| IL CHICAGO | 46 | 23 | 59 | 8 | 34 | -3 | .7 | -1 | .4 | 1.4 | 84 | 4.4 | 96 | 88 | 49 | 0 | 6 | 3 | 0 |
| MOLINE | 47 | 28 | 58 | 14 | 37 | 1 | .6 | -1 | .5 | 1.2 | 68 | 4.1 | 87 | 89 | 49 | 0 | 5 | 2 | 1 |
| PEORIA | 47 | 28 | 59 | 15 | 38 | -1 | .3 | -4 | .3 | .8 | 44 | 2.8 | 57 | 93 | 46 | 0 | 4 | 3 | 0 |
| QUINCY | 50 | 30 | 60 | 18 | 40 | 0 | .3 | -4 | .3 | .7 | 33 | 2.9 | 59 | 82 | 49 | 0 | 5 | 3 | 0 |
| ROCKFORD | 46 | 25 | 55 | 10 | 36 | 1 | .3 | -3 | .2 | .7 | 43 | 3.8 | 90 | 92 | 52 | 0 | 5 | 3 | 0 |
| SPRINGFIELD | 48 | 30 | 59 | 17 | 39 | -2 | .6 | -2 | .6 | 1.3 | 60 | 3.1 | 57 | 82 | 46 | 0 | 4 | 2 | 1 |
| IN EVANSVILLE | 52 | 30 | 66 | 21 | 41 | -4 | .7 | -4 | .7 | 2.5 | 77 | 9.4 | 102 | 90 | 48 | 0 | 5 | 1 | 1 |
| FORT WAYNE | 42 | 26 | 57 | 14 | 34 | -4 | 1.2 | .5 | 1.1 | 3.0 | 150 | 6.6 | 110 | 87 | 55 | 0 | 4 | 2 | 1 |
| INDIANAPOLIS | 49 | 28 | 65 | 15 | 39 | -3 | 2.2 | 1.3 | 2.2 | 3.9 | 154 | 7.5 | 99 | 87 | 46 | 0 | 4 | 2 | 1 |
| SOUTH BEND | 45 | 25 | 59 | 13 | 35 | -2 | .6 | -1 | .5 | 1.8 | 92 | 5.5 | 85 | 88 | 48 | 0 | 5 | 2 | 1 |
| IA DES MOINES | 48 | 26 | 66 | 16 | 37 | 1 | 1.0 | .5 | .6 | 2.4 | 168 | 4.3 | 119 | 79 | 50 | 0 | 5 | 2 | 1 |
| SIoux CITY | 44 | 27 | 60 | 13 | 35 | 1 | 1.4 | 1.0 | .7 | 3.0 | 259 | 3.8 | 141 | 89 | 62 | 0 | 4 | 2 | 2 |
| WATERLOO | 45 | 26 | 60 | 13 | 36 | 3 | 1.2 | .6 | .7 | 1.5 | 106 | 4.3 | 130 | 87 | 53 | 0 | 4 | 2 | 2 |
| KS CONCORDIA | 56 | 32 | 69 | 17 | 44 | 3 | .3 | -1 | .2 | 1.5 | 124 | 2.8 | 104 | 87 | 46 | 0 | 3 | 3 | 0 |
| DODGE CITY | 57 | 32 | 75 | 20 | 45 | 2 | .2 | -1 | .1 | .2 | 18 | .6 | 30 | 87 | 38 | 0 | 3 | 0 | 0 |
| GOODLAND | 52 | 30 | 71 | 21 | 41 | 3 | .2 | -1 | T | .8 | 103 | 1.2 | 80 | 92 | 49 | 0 | 6 | 3 | 0 |
| TOPEKA | 58 | 33 | 71 | 20 | 45 | 3 | .3 | -2 | .3 | 1.1 | 76 | 2.7 | 79 | 80 | 39 | 0 | 3 | 2 | 0 |
| WICHITA | 59 | 35 | 73 | 22 | 47 | 2 | .3 | -2 | .3 | .6 | 46 | 1.9 | 66 | 81 | 39 | 0 | 3 | 3 | 0 |
| KY BOWLING GREEN | 55 | 32 | 70 | 21 | 43 | -4 | 1.8 | .5 | 1.8 | 3.6 | 91 | 8.4 | 67 | 90 | 46 | 0 | 4 | 1 | 1 |
| LEXINGTON | 52 | 29 | 68 | 15 | 40 | -5 | .6 | -5 | .4 | 2.3 | 67 | 5.3 | 51 | 80 | 41 | 0 | 4 | 2 | 0 |
| LOUISVILLE | 53 | 31 | 67 | 21 | 42 | -4 | .4 | -7 | .4 | 2.5 | 74 | 7.3 | 73 | 83 | 40 | 0 | 4 | 2 | 0 |
| LA ALEXANDRIA | 69 | 47 | 83 | 30 | 58 | -2 | .5 | -7 | .5 | 1.8 | 47 | 5.1 | 37 | 83 | 42 | 0 | 1 | 1 | 0 |
| BATON ROUGE | 71 | 48 | 82 | 29 | 60 | -2 | .6 | -4 | .4 | 2.6 | 83 | 7.8 | 64 | 89 | 37 | 0 | 1 | 2 | 0 |
| LAKE CHARLES | 68 | 47 | 77 | 32 | 57 | -4 | .1 | -5 | .1 | 1.9 | 88 | 5.6 | 54 | 91 | 42 | 0 | 1 | 2 | 0 |
| NEW ORLEANS | 69 | 50 | 81 | 36 | 60 | -3 | .9 | -1 | .6 | 1.9 | 54 | 8.3 | 61 | 86 | 39 | 0 | 0 | 2 | 0 |

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 22, 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 | 90 AND ABOVE | 32 AND BELOW | TEMPERATURE °F | | PRECIPITATION | |
| | | | | | | | | | | | | | | | | | | .01 INCH OR MORE | .50 INCH OR MORE | | |
| ME SHREVEPORT | 68 | 44 | 79 | 29 | 56 | -2 | .5 | -.3 | .5 | .8 | 29 | 4.7 | 47 | 83 | 31 | 0 | 1 | 1 | 1 | 1 | |
| ME CARIBOU | 34 | 12 | 43 | -8 | 23 | -3 | .4 | -.2 | .3 | 2.1 | 121 | 8.1 | 131 | 79 | 49 | 0 | 7 | 2 | 0 | 0 | |
| ME PORTLAND | 45 | 23 | 56 | 6 | 34 | 1 | .9 | 0 | .8 | 3.7 | 132 | 12.9 | 126 | 91 | 46 | 0 | 5 | 2 | 1 | 0 | |
| MD BALTIMORE | 55 | 31 | 75 | 18 | 43 | -1 | T | -.8 | T | 1.0 | 36 | 6.8 | 79 | 77 | 37 | 0 | 4 | 2 | 1 | 0 | |
| MD SALISBURY | 59 | 34 | 74 | 20 | 46 | 1 | T | -.9 | T | .7 | 22 | 8.6 | 89 | 87 | 47 | 0 | 3 | 0 | 0 | 0 | |
| MA BOSTON | 48 | 29 | 60 | 11 | 38 | -1 | T | -.7 | T | 4.7 | 158 | 10.9 | 102 | 83 | 47 | 0 | 3 | 2 | 0 | 0 | |
| MA CHATHAM | 45 | 31 | 53 | 17 | 38 | 1 | T | -.9 | T | 2.9 | 101 | 8.5 | 75 | 88 | 48 | 0 | 3 | 2 | 0 | 0 | |
| MI ALPENA | 38 | 15 | 47 | -4 | 27 | -1 | T | -.3 | T | 1.8 | 140 | 3.9 | 91 | 88 | 48 | 0 | 3 | 2 | 0 | 0 | |
| MI DETROIT | 41 | 23 | 55 | 12 | 32 | -4 | .9 | .3 | .8 | 2.1 | 122 | 6.8 | 128 | 91 | 52 | 0 | 7 | 2 | 1 | 0 | |
| MI FLINT | 40 | 21 | 53 | 8 | 31 | -3 | .4 | -.1 | .3 | 1.3 | 94 | 4.2 | 93 | 86 | 48 | 0 | 7 | 2 | 2 | 0 | |
| MI GRAND RAPIDS | 43 | 22 | 55 | 10 | 33 | -2 | .4 | -.2 | .3 | 2.2 | 134 | 6.5 | 130 | 85 | 45 | 0 | 6 | 2 | 2 | 0 | |
| MI HOUGHTON LAKE | 38 | 17 | 45 | -4 | 28 | -1 | .1 | -.2 | .1 | 1.6 | 131 | 4.4 | 110 | 86 | 49 | 0 | 7 | 2 | 2 | 0 | |
| MI LANSING | 41 | 21 | 52 | 10 | 31 | -3 | .4 | -.1 | .4 | 1.4 | 89 | 4.8 | 100 | 90 | 58 | 0 | 6 | 2 | 2 | 0 | |
| MI MARQUETTE | 36 | 9 | 46 | -7 | 23 | -2 | 2.7 | 2.1 | 1.4 | 4.8 | 251 | 8.9 | 153 | 95 | 62 | 0 | 7 | 3 | 0 | 2 | |
| MI MUSKOGON | 42 | 23 | 54 | 10 | 32 | -2 | .3 | -.3 | .3 | 1.5 | 90 | 5.2 | 91 | 99 | 60 | 0 | 6 | 2 | 0 | 2 | |
| MI SAULT STE. MARIE | 34 | 10 | 45 | -12 | 22 | -3 | 1.3 | .8 | .7 | 4.6 | 325 | 7.2 | 136 | 93 | 53 | 0 | 7 | 3 | 2 | 0 | |
| MN ALEXANDRIA | 37 | 19 | 47 | -2 | 28 | 2 | .2 | -.1 | .2 | 1.0 | 128 | 3.0 | 130 | 92 | 66 | 0 | 6 | 2 | 1 | 0 | |
| MN DULUTH | 38 | 17 | 50 | -7 | 27 | 3 | .1 | -.3 | .1 | .9 | 73 | 2.2 | 67 | 82 | 44 | 0 | 5 | 2 | 0 | 0 | |
| MN INT'L FALLS | 38 | 14 | 48 | -15 | 26 | 5 | T | -.3 | T | 1.6 | 17 | 1.7 | 74 | 86 | 45 | 0 | 6 | 4 | 0 | 1 | |
| MN MINNEAPOLIS | 39 | 23 | 49 | 6 | 31 | 1 | .8 | .4 | .8 | 1.7 | 148 | 3.5 | 125 | 90 | 55 | 0 | 6 | 2 | 1 | 2 | |
| MN ROCHESTER | 38 | 21 | 52 | 4 | 29 | 0 | 1.4 | .9 | .8 | 1.6 | 144 | 2.8 | 108 | 94 | 66 | 0 | 4 | 2 | 1 | 2 | |
| MS GREENWOOD | 64 | 42 | 78 | 24 | 53 | -3 | 1.9 | .5 | 1.9 | 3.1 | 72 | 5.2 | 37 | 84 | 37 | 0 | 2 | 1 | 1 | 1 | |
| MS JACKSON | 65 | 42 | 80 | 23 | 54 | -3 | 1.7 | .4 | 1.7 | 3.3 | 82 | 5.6 | 41 | 89 | 39 | 0 | 2 | 1 | 1 | 1 | |
| MS MERIDIAN | 67 | 41 | 80 | 24 | 54 | -3 | 1.0 | -.5 | 1.0 | 3.7 | 78 | 7.0 | 49 | 87 | 37 | 0 | 2 | 1 | 1 | 0 | |
| MO CAPE GIRARDEAU | 56 | 34 | 67 | 20 | 45 | -4 | .4 | -.8 | .4 | 1.7 | 48 | 5.5 | 59 | 86 | 49 | 0 | 3 | 1 | 1 | 0 | |
| MO COLUMBIA | 54 | 29 | 70 | 16 | 42 | -1 | .2 | -.6 | .2 | .9 | 41 | 5.1 | 91 | 79 | 38 | 0 | 5 | 0 | 0 | 0 | |
| MO KANSAS CITY | 55 | 31 | 68 | 19 | 43 | -1 | .4 | -.2 | .3 | 1.2 | 73 | 2.4 | 62 | 80 | 39 | 0 | 3 | 2 | 1 | 0 | |
| MO SAINT LOUIS | 52 | 32 | 64 | 19 | 42 | -2 | .4 | -.4 | .4 | .9 | 40 | 5.7 | 93 | 80 | 40 | 0 | 4 | 4 | 0 | 0 | |
| MO SPRINGFIELD | 56 | 32 | 71 | 17 | 44 | -2 | .5 | -.4 | .5 | 1.9 | 80 | 3.9 | 64 | 79 | 39 | 0 | 4 | 1 | 1 | 0 | |
| MT BILLINGS | 52 | 32 | 68 | 22 | 42 | 8 | .7 | .4 | .5 | 1.0 | 153 | 3.1 | 135 | 82 | 36 | 0 | 5 | 3 | 1 | 0 | |
| MT GLASGOW | 48 | 31 | 66 | 27 | 39 | 12 | .1 | -.1 | .1 | .3 | 127 | 1.1 | 100 | 95 | 52 | 0 | 5 | 3 | 3 | 0 | |
| MT GREAT FALLS | 52 | 31 | 67 | 24 | 42 | 10 | T | -.2 | T | .1 | 11 | 1.4 | 58 | 75 | 35 | 0 | 3 | 2 | 0 | 0 | |
| MT HAVRE | 53 | 30 | 70 | 24 | 41 | 1 | .1 | -.1 | .1 | .1 | 39 | 1.2 | 92 | 88 | 40 | 0 | 6 | 2 | 2 | 0 | |
| MT HELENA | 52 | 29 | 68 | 23 | 40 | 8 | .2 | 0 | .1 | .4 | 100 | 2.0 | 133 | 85 | 36 | 0 | 6 | 0 | 0 | 0 | |
| MT KALISPELL | 51 | 29 | 58 | 25 | 40 | 8 | .1 | -.1 | .1 | .2 | 47 | 1.3 | 87 | 91 | 48 | 0 | 5 | 3 | 0 | 0 | |
| MT MILES CITY | 50 | 32 | 68 | 27 | 41 | 9 | T | 0 | T | .2 | 47 | 1.3 | 87 | 91 | 48 | 0 | 5 | 3 | 3 | 0 | |
| MT MISSOULA | 53 | 30 | 61 | 26 | 41 | 7 | .1 | -.1 | .1 | .3 | 54 | 3.4 | 121 | 94 | 40 | 0 | 6 | 3 | 0 | 0 | |
| NE GRAND ISLAND | 50 | 30 | 64 | 15 | 40 | 4 | 1.0 | .7 | .4 | 1.8 | 186 | 2.3 | 100 | 89 | 53 | 0 | 4 | 3 | 3 | 0 | |
| NE LINCOLN | 51 | 29 | 66 | 12 | 40 | 2 | .6 | .2 | .2 | 2.3 | 179 | 2.9 | 100 | 89 | 50 | 0 | 5 | 4 | 2 | 0 | |
| NE NORFOLK | 47 | 26 | 61 | 11 | 37 | 2 | 1.5 | 1.1 | .7 | 2.7 | 264 | 3.9 | 170 | 91 | 58 | 0 | 5 | 4 | 2 | 0 | |
| NE NORTH PLATTE | 50 | 28 | 65 | 20 | 39 | 4 | .2 | -.1 | .2 | .7 | 91 | 1.8 | 106 | 91 | 51 | 0 | 5 | 3 | 3 | 1 | |
| NE OMAHA | 47 | 28 | 64 | 12 | 38 | 1 | 1.1 | .6 | .9 | 2.7 | 201 | 3.7 | 123 | 84 | 59 | 0 | 3 | 3 | 3 | 0 | |
| NE SCOTTSBLUFF | 50 | 27 | 70 | 20 | 38 | 2 | .3 | .1 | .2 | .8 | 131 | 2.8 | 200 | 92 | 49 | 0 | 6 | 2 | 1 | 0 | |
| NE VALENTINE | 43 | 23 | 65 | 2 | 33 | 1 | 1.0 | .8 | 1.0 | 1.8 | 355 | 2.5 | 192 | 83 | 56 | 0 | 6 | 2 | 2 | 0 | |
| NV ELY | 52 | 24 | 66 | 19 | 38 | 4 | .1 | -.2 | .1 | 1.4 | 213 | 2.4 | 120 | 87 | 40 | 0 | 7 | 1 | 0 | 0 | |
| NV LAS VEGAS | 70 | 45 | 81 | 41 | 58 | 2 | T | 0 | T | .3 | 97 | .7 | 54 | 60 | 21 | 0 | 0 | 1 | 0 | 0 | |
| NV RENO | 58 | 28 | 68 | 20 | 43 | 2 | .2 | -.1 | .2 | .9 | 157 | 6.1 | 218 | 91 | 29 | 0 | 6 | 0 | 0 | 0 | |
| NV WINNEMUCCA | 58 | 26 | 69 | 19 | 42 | 3 | T | -.1 | T | .4 | 86 | 1.5 | 75 | 87 | 28 | 0 | 7 | 1 | 1 | 0 | |
| NH CONCORD | 48 | 22 | 58 | 6 | 35 | 2 | .6 | -.1 | .6 | 4.0 | 196 | 11.2 | 153 | 94 | 38 | 0 | 6 | 0 | 1 | 0 | |
| NJ ATLANTIC CITY | 54 | 28 | 64 | 14 | 41 | -1 | T | -.9 | T | 1.9 | 65 | 9.1 | 94 | 89 | 39 | 0 | 5 | 0 | 0 | 0 | |
| NM ALBUQUERQUE | 59 | 32 | 71 | 28 | 46 | 0 | 0 | 0 | 0 | .2 | 40 | 1.4 | 117 | 71 | 19 | 0 | 3 | 2 | 0 | 0 | |
| NM CLOVIS | 61 | 33 | 75 | 29 | 47 | -1 | T | -.1 | T | .1 | 32 | 1.4 | 93 | 67 | 20 | 0 | 4 | 0 | 0 | 0 | |
| NM ROSWELL | 67 | 35 | 80 | 30 | 51 | -3 | T | 0 | T | .1 | 32 | 1.2 | 171 | 70 | 18 | 0 | 3 | 1 | 0 | 0 | |
| NY ALBANY | 46 | 24 | 70 | 7 | 35 | 0 | .2 | -.5 | .2 | 4.8 | 229 | 11.0 | 162 | 85 | 43 | 0 | 4 | 2 | 1 | 0 | |
| NY BINGHAMTON | 41 | 21 | 66 | 5 | 31 | -1 | .2 | -.5 | .2 | 2.7 | 132 | 8.8 | 128 | 85 | 47 | 0 | 6 | 2 | 3 | 0 | |
| NY BUFFALO | 40 | 22 | 61 | 9 | 31 | -3 | .3 | -.4 | .3 | 1.8 | 87 | 6.7 | 89 | 87 | 36 | 0 | 3 | 2 | 1 | 0 | |
| NY NEW YORK | 53 | 32 | 68 | 18 | 43 | 1 | .1 | -.9 | 0 | 1.9 | 65 | 9.1 | 100 | 73 | 36 | 0 | 6 | 3 | 2 | 0 | |
| NY ROCHESTER | 41 | 21 | 64 | 7 | 31 | -3 | .2 | -.4 | .2 | 1.8 | 103 | 5.9 | 92 | 87 | 51 | 0 | 5 | 2 | 2 | 0 | |
| NY SYRACUSE | 43 | 22 | 69 | 6 | 33 | -2 | .1 | -.6 | .1 | 2.3 | 106 | 6.9 | 92 | 89 | 53 | 0 | 5 | 2 | 2 | 0 | |
| NC ASHEVILLE | 57 | 32 | 70 | 20 | 44 | -3 | .7 | -.5 | .7 | 2.8 | 75 | 5.7 | 53 | 85 | 33 | 0 | 4 | 2 | 2 | 1 | |
| NC CHARLOTTE | 60 | 41 | 72 | 28 | 51 | -1 | .9 | -.2 | .7 | 3.0 | 86 | 5.0 | 45 | 84 | 43 | 0 | 2 | 2 | 1 | 0 | |
| NC GREENSBORO | 58 | 37 | 70 | 22 | 48 | -1 | .8 | -.1 | .5 | 2.1 | 74 | 4.4 | 45 | 86 | 41 | 0 | 2 | 2 | 3 | 0 | |
| NC HATTERAS | 59 | 46 | 73 | 35 | 53 | 1 | .8 | -.1 | .4 | 1.2 | 41 | 8.4 | 71 | 91 | 64 | 0 | 0 | 2 | 2 | 0 | |
| NC NEW BERN | 63 | 44 | 74 | 30 | 54 | 0 | 1.3 | -.5 | .8 | 4.2 | 155 | 9.2 | 86 | 91 | 49 | 0 | 2 | 2 | 3 | 1 | |
| NC RALEIGH | 59 | 39 | 70 | 22 | 49 | -1 | .7 | -.1 | .4 | 3.1 | 113 | 7.1 | 73 | 89 | 42 | 0 | 2 | 2 | 2 | 0 | |
| NC WILMINGTON | 65 | 45 | 75 | 29 | 55 | 0 | 1.2 | -.3 | .9 | 3.4 | 115 | 8.0 | 80 | 90 | 51 | 0 | 2 | 2 | 2 | 1 | |
| ND BISMARCK | 47 | 25 | 68 | 14 | 36 | 9 | T | -.1 | T | .2 | 56 | .9 | 64 | 91 | 42 | 0 | 6 | 2 | 2 | 0 | |
| ND FARGO | 38 | 22 | 57 | 7 | 30 | 5 | T | -.2 | T | .1 | 21 | 1.2 | 80 | 92 | 66 | 0 | 6 | 1 | 0 | 0 | |
| ND GRAND FORKS | 41 | 21 | 54 | 6 | 31 | 8 | T | -.2 | T | .6 | 6 | 1.0 | 56 | 93 | 61 | 0 | 6 | 6 | 0 | 0 | |
| ND WILLISTON | 46 | 29 | 68 | 22 | 38 | 11 | .2 | -.1 | .2 | 1.0 | 286 | 2.0 | 143 | 96 | 60 | 0 | 6 | 6 | 2 | 0 | |
| OH AKRON-CANTON | 42 | 23 | 60 | 8 | 33 | -5 | .3 | -.5 | .2 | 1.8 | 78 | 6.3 | 89 | 88 | 54 | 0 | 6 | 2 | 2 | 0 | |
| OH CINCINNATI | 50 | 29 | 67 | 16 | 40 | -3 | .9 | 0 | .5 | 2.5 | 91 | 6.4 | 75 | 84 | 45 | 0 | 3 | 2 | 0 | 0 | |
| OH CLEVELAND | 43 | 23 | 59 | 9 | 33 | -5 | .4 | -.3 | .2 | 2.3 | 114 | 7.6 | 113 | 88 | 53 | 0 | 3 | 3 | 0 | 0 | |
| OH COLUMBUS | 47 | 27 | 63 | 12 | 37 | -4 | .5 | -.3 | .3 | 2.4 | 108 | 7.0 | 97 | 85 | 47 | 0 | 3 | 3 | 3 | 0 | |

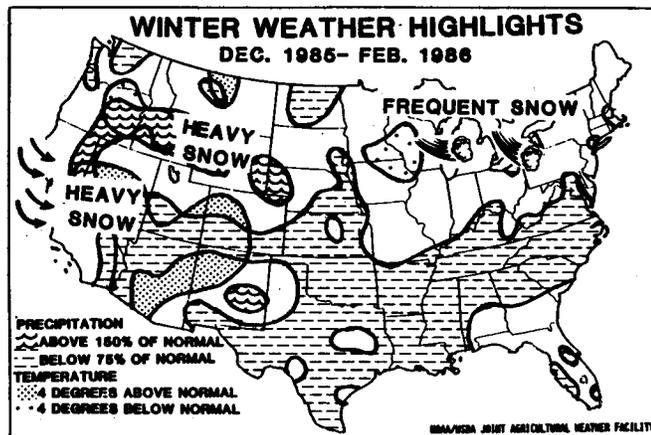
BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 22, 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 | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| DAYTON | 46 | 28 | 63 | 15 | 37 | -4 | 1.0 | .3 | .9 | 3.8 | 180 | 9.1 | 134 | 87 | 52 | 0 | 3 | 2 | 1 |
| TOLEDO | 43 | 24 | 58 | 9 | 33 | -3 | .9 | .8 | 2.0 | 112 | 5.5 | 98 | 88 | 48 | 0 | 6 | 2 | 0 | |
| YOUNGSTOWN | 41 | 23 | 61 | 11 | 32 | -4 | .2 | .6 | 1.2 | 52 | 4.3 | 60 | 92 | 56 | 0 | 6 | 2 | 0 | |
| OK OKLAHOMA CITY | 61 | 40 | 73 | 31 | 50 | 0 | .4 | .2 | 1.8 | 122 | 2.4 | 65 | 83 | 34 | 0 | 2 | 2 | 0 | |
| TULSA | 61 | 38 | 75 | 29 | 50 | 0 | .2 | .6 | 2.1 | 102 | 3.4 | 65 | 78 | 35 | 0 | 2 | 1 | 0 | |
| OR ASTORIA | 58 | 41 | 65 | 32 | 50 | 0 | .9 | .9 | 5.0 | 93 | 25.1 | 102 | 97 | 61 | 0 | 1 | 4 | 0 | |
| BURNS | 52 | 26 | 57 | 23 | 39 | 2 | .2 | .1 | 1.2 | 444 | 5.5 | 500 | — | — | 0 | 7 | 1 | 0 | |
| MEDFORD | 64 | 36 | 75 | 31 | 50 | 4 | .2 | .4 | .9 | 68 | 8.2 | 119 | 91 | 36 | 0 | 1 | 1 | 0 | |
| PENDLETON | 57 | 39 | 68 | 35 | 48 | 4 | .2 | .0 | .8 | 105 | 5.1 | 142 | 83 | 47 | 0 | 0 | 3 | 0 | |
| PORTLAND | 61 | 41 | 70 | 33 | 51 | 5 | .2 | .6 | 1.4 | 52 | 11.4 | 89 | 95 | 51 | 0 | 0 | 2 | 0 | |
| SALEM | 61 | 39 | 70 | 31 | 50 | 5 | .2 | .8 | 1.7 | 53 | 16.2 | 109 | 93 | 51 | 0 | 1 | 1 | 0 | |
| PA ALLENTOWN | 52 | 28 | 70 | 13 | 40 | 0 | .1 | .1 | 2.1 | 78 | 10.7 | 118 | 74 | 34 | 0 | 6 | 2 | 0 | |
| ERIE | 42 | 23 | 64 | 12 | 33 | -2 | .2 | .5 | 1.9 | 97 | 7.0 | 106 | 81 | 50 | 0 | 4 | 0 | 0 | |
| HARRISBURG | 51 | 29 | 71 | 15 | 40 | -2 | .0 | .0 | 3.1 | 122 | 9.8 | 120 | 75 | 37 | 0 | 3 | 0 | 0 | |
| PHILADELPHIA | 55 | 31 | 72 | 16 | 43 | 0 | .0 | .0 | 1.3 | 47 | 8.8 | 101 | 74 | 34 | 0 | 4 | 0 | 0 | |
| PITTSBURGH | 45 | 24 | 65 | 11 | 35 | -5 | .2 | .6 | 1.3 | 53 | 7.3 | 94 | 77 | 42 | 0 | 5 | 4 | 1 | |
| SCRANTON | 47 | 26 | 66 | 10 | 36 | -1 | .1 | .1 | 4.2 | 231 | 9.4 | 154 | 79 | 43 | 0 | 4 | 0 | 0 | |
| RI PROVIDENCE | 50 | 29 | 60 | 12 | 40 | 0 | .3 | .7 | 2.9 | 94 | 11.9 | 110 | 85 | 38 | 0 | 3 | 2 | 0 | |
| SC CHARLESTON | 66 | 48 | 78 | 32 | 57 | 0 | .3 | .3 | 3.3 | 101 | 9.4 | 95 | 91 | 54 | 0 | 1 | 1 | 0 | |
| COLUMBIA | 65 | 42 | 76 | 28 | 54 | -2 | 1.1 | .1 | 3.2 | 86 | 5.7 | 47 | 94 | 45 | 0 | 1 | 2 | 1 | |
| FLORENCE | 67 | 46 | 79 | 29 | 57 | 0 | .3 | .3 | 3.4 | 111 | 5.6 | 57 | 88 | 45 | 0 | 1 | 2 | 1 | |
| GREENVILLE | 62 | 40 | 74 | 24 | 51 | -1 | .9 | .8 | 2.6 | 62 | 5.2 | 41 | 89 | 40 | 0 | 2 | 2 | 0 | |
| SD ABERDEEN | 41 | 25 | 59 | 12 | 33 | 4 | .4 | .4 | .5 | 84 | 1.6 | 94 | 95 | 61 | 0 | 6 | 0 | 1 | |
| HURON | 42 | 25 | 59 | 11 | 33 | 3 | 1.1 | .8 | 1.4 | 176 | 2.2 | 110 | 93 | 63 | 0 | 6 | 3 | 0 | |
| RAPID CITY | 46 | 27 | 71 | 20 | 36 | 3 | .5 | .3 | .8 | 121 | 2.2 | 129 | 91 | 55 | 0 | 6 | 3 | 1 | |
| SIOUX FALLS | 39 | 24 | 56 | 5 | 32 | 0 | 1.0 | .6 | 1.5 | 140 | 2.2 | 88 | 92 | 67 | 0 | 5 | 3 | 1 | |
| TN CHATTANOOGA | 63 | 35 | 78 | 22 | 49 | -2 | .8 | .7 | 1.4 | 31 | 6.1 | 42 | 82 | 30 | 0 | 4 | 1 | 1 | |
| KNOXVILLE | 60 | 33 | 77 | 22 | 47 | -4 | .5 | .5 | 1.7 | 43 | 6.6 | 52 | 82 | 30 | 0 | 3 | 1 | 1 | |
| MEMPHIS | 61 | 38 | 76 | 23 | 49 | -3 | .7 | .6 | 1.9 | 50 | 4.9 | 39 | 79 | 36 | 0 | 3 | 1 | 1 | |
| NASHVILLE | 57 | 33 | 74 | 20 | 45 | -5 | .5 | .8 | 2.2 | 56 | 6.0 | 48 | 84 | 36 | 0 | 3 | 1 | 1 | |
| TX ABILENE | 69 | 41 | 80 | 33 | 55 | -1 | .4 | .1 | .4 | 74 | 2.0 | 77 | 82 | 24 | 0 | 1 | 1 | 0 | |
| AMARILLO | 60 | 35 | 77 | 27 | 48 | 1 | .2 | .2 | .5 | 95 | 1.6 | 100 | 84 | 31 | 0 | 4 | 0 | 0 | |
| AUSTIN | 73 | 47 | 82 | 40 | 60 | -1 | .1 | .2 | .4 | 35 | 2.0 | 38 | 75 | 27 | 0 | 0 | 1 | 0 | |
| BEAUMONT | 71 | 49 | 80 | 37 | 60 | -2 | .1 | .6 | 2.3 | 110 | 5.1 | 51 | 84 | 35 | 0 | 0 | 0 | 0 | |
| BROWNSVILLE | 78 | 56 | 91 | 42 | 67 | -2 | .0 | .0 | .0 | 0 | 1.3 | 42 | 85 | 39 | 1 | 0 | 0 | 0 | |
| CORPUS CHRISTI | 76 | 52 | 83 | 44 | 64 | -3 | .3 | .0 | .2 | 30 | 2.9 | 78 | 78 | 34 | 0 | 0 | 0 | 0 | |
| DEL RIO | 76 | 49 | 84 | 42 | 62 | -7 | .0 | .0 | .4 | 5 | 1.9 | 106 | 55 | 20 | 0 | 0 | 0 | 0 | |
| EL PASO | 64 | 35 | 73 | 29 | 49 | -7 | .0 | .0 | .8 | 170 | .8 | 73 | 76 | 20 | 0 | 2 | 0 | 0 | |
| FORT WORTH | 66 | 43 | 73 | 33 | 54 | -3 | .5 | .5 | 1.1 | 67 | 3.6 | 69 | 82 | 36 | 0 | 0 | 1 | 0 | |
| GALVESTON | 68 | 57 | 76 | 50 | 62 | 0 | .0 | .0 | 1.0 | 67 | 3.4 | 50 | 73 | 42 | 0 | 0 | 0 | 0 | |
| HOUSTON | 72 | 48 | 81 | 38 | 60 | -2 | .1 | .1 | 1.4 | 79 | 4.9 | 59 | 77 | 32 | 0 | 1 | 1 | 0 | |
| LUBBOCK | 67 | 37 | 79 | 28 | 52 | 1 | .0 | .0 | .4 | 7 | 1.4 | 29 | 65 | 19 | 0 | 0 | 0 | 0 | |
| MIDLAND | 70 | 38 | 79 | 28 | 54 | -2 | .0 | .0 | .7 | 7 | 1.5 | 75 | 81 | 23 | 0 | 2 | 1 | 0 | |
| SAN ANGELO | 70 | 40 | 81 | 30 | 55 | -3 | .4 | .2 | .6 | 127 | .6 | 61 | 82 | 37 | 0 | 1 | 1 | 0 | |
| SAN ANTONIO | 74 | 44 | 81 | 36 | 59 | -3 | .1 | .2 | .4 | 39 | 3.7 | 86 | 74 | 25 | 0 | 0 | 1 | 0 | |
| VICTORIA | 74 | 50 | 82 | 39 | 62 | -2 | .0 | .0 | 1.0 | 108 | 2.7 | 53 | 83 | 30 | 0 | 0 | 0 | 0 | |
| WACO | 70 | 42 | 80 | 32 | 56 | -3 | .1 | .3 | .4 | 33 | 5.0 | 100 | 86 | 34 | 0 | 2 | 1 | 0 | |
| WICHITA FALLS | 65 | 39 | 78 | 28 | 52 | -2 | .3 | .3 | .8 | 71 | 1.9 | 61 | 82 | 37 | 0 | 1 | 1 | 0 | |
| UT BLANDING | 52 | 28 | 64 | 22 | 40 | 1 | .1 | .1 | 1.2 | 102 | 2.3 | 79 | 87 | 45 | 0 | 7 | 2 | 0 | |
| CEDAR CITY | 52 | 28 | 66 | 24 | 40 | 0 | .2 | .2 | 1.2 | 155 | 1.9 | 86 | 93 | 46 | 0 | 7 | 3 | 0 | |
| SALT LAKE CITY | 52 | 35 | 65 | 30 | 44 | 2 | .5 | .1 | 1.6 | 140 | 3.8 | 100 | 85 | 47 | 0 | 2 | 2 | 0 | |
| VT BURLINGTON | 40 | 21 | 57 | 4 | 30 | 0 | .3 | .2 | 2.3 | 157 | 7.7 | 151 | 87 | 48 | 0 | 6 | 2 | 0 | |
| VA NORFOLK | 56 | 39 | 76 | 28 | 47 | -2 | .4 | .5 | .7 | 26 | 5.9 | 60 | 87 | 47 | 0 | 2 | 2 | 0 | |
| RICHMOND | 60 | 38 | 73 | 23 | 49 | 1 | .3 | .5 | .3 | 44 | 6.5 | 72 | 83 | 37 | 0 | 2 | 0 | 0 | |
| ROANOKE | 58 | 32 | 72 | 21 | 45 | -2 | .0 | .8 | 1.2 | 47 | 5.0 | 57 | 75 | 31 | 0 | 5 | 1 | 0 | |
| WA COLVILLE | 56 | 33 | 63 | 28 | 45 | 7 | .0 | .0 | .6 | 65 | 5.9 | 128 | 87 | 58 | 0 | 5 | 0 | 0 | |
| QUILLAYUTE | 57 | 38 | 66 | 30 | 47 | 5 | 2.4 | .1 | 1.0 | 8.1 | 97 | 36.9 | 104 | 99 | 62 | 0 | 1 | 5 | 2 |
| SEATTLE-TACOMA | 57 | 40 | 69 | 35 | 49 | 5 | .4 | .4 | .2 | 1.5 | 56 | 14.5 | 112 | 90 | 53 | 0 | 3 | 2 | 0 |
| SPOKANE | 52 | 34 | 63 | 31 | 43 | 5 | .0 | .0 | .7 | 65 | 5.8 | 114 | 94 | 50 | 0 | 0 | 2 | 0 | |
| YAKIMA | 60 | 35 | 65 | 24 | 47 | 5 | .0 | .0 | .5 | 100 | 3.6 | 133 | 87 | 37 | 0 | 4 | 2 | 0 | |
| WV BECKLEY | 48 | 25 | 68 | 11 | 37 | -5 | .0 | .0 | 1.9 | 65 | 6.1 | 64 | 87 | 44 | 0 | 3 | 0 | 0 | |
| CHARLESTON | 53 | 29 | 73 | 15 | 41 | -5 | .0 | .0 | 1.8 | 62 | 8.2 | 87 | 81 | 34 | 0 | 4 | 2 | 0 | |
| HUNTINGTON | 53 | 29 | 72 | 15 | 41 | -5 | .0 | .0 | 1.3 | 46 | 6.2 | 69 | 82 | 37 | 0 | 0 | 0 | 0 | |
| PARKERSBURG | 49 | 26 | 70 | 13 | 38 | -6 | .4 | .4 | 2.1 | 74 | 7.2 | 75 | 89 | 42 | 0 | 5 | 2 | 0 | |
| WI GREEN BAY | 36 | 18 | 43 | 3 | 27 | -3 | 1.3 | .8 | 1.1 | 2.5 | 198 | 3.9 | 111 | 86 | 56 | 0 | 6 | 2 | 0 |
| LA CROSSE | 43 | 22 | 57 | 7 | 32 | 0 | 1.9 | 1.4 | 1.5 | 1.9 | 3.2 | 103 | 91 | 50 | 0 | 4 | 2 | 1 | |
| MADISON | 42 | 22 | 54 | 8 | 32 | 0 | .8 | .2 | .6 | 1.5 | 110 | 5.3 | 151 | 90 | 55 | 0 | 6 | 3 | 0 |
| MILWAUKEE | 43 | 23 | 51 | 10 | 33 | 0 | .4 | .3 | 1.5 | 89 | 6.3 | 137 | 86 | 47 | 0 | 6 | 3 | 1 | |
| WAUSAU | 37 | 17 | 47 | -2 | 27 | -1 | 1.4 | 1.0 | 2.0 | 157 | 3.3 | 106 | 88 | 52 | 0 | 7 | 1 | 0 | |
| WY CASPER | 48 | 26 | 64 | 12 | 37 | 5 | .1 | .1 | .5 | 75 | 1.7 | 100 | 88 | 41 | 0 | 7 | 3 | 0 | |
| CHEYENNE | 46 | 25 | 62 | 18 | 36 | 3 | .2 | .0 | .1 | .5 | 78 | 1.1 | 73 | 92 | 42 | 0 | 6 | 4 | 0 |
| LANDER | 50 | 28 | 63 | 22 | 39 | 0 | .2 | .2 | .5 | 69 | 1.8 | 100 | 87 | 39 | 0 | 6 | 3 | 0 | |
| SHERIDAN | 47 | 27 | 59 | 19 | 37 | 4 | .9 | .7 | .5 | 1.1 | 160 | 2.9 | 132 | 91 | 51 | 0 | 6 | 2 | 0 |
| PR SAN JUAN | 83 | 70 | 85 | 68 | 77 | -1 | .3 | .3 | 1.4 | 87 | 4.7 | 72 | 85 | 57 | 0 | 0 | 3 | 0 | |

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Winter Weather Review



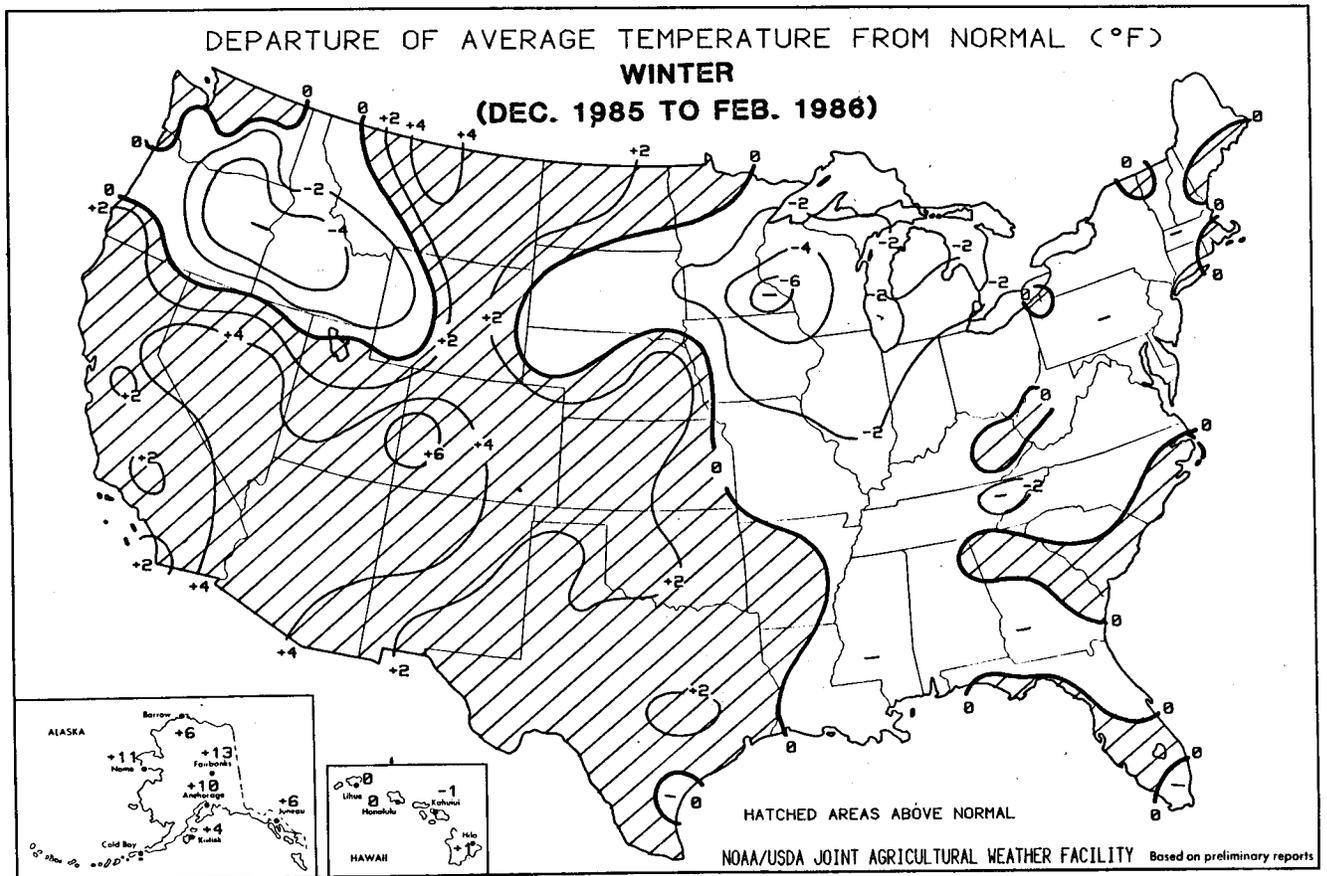
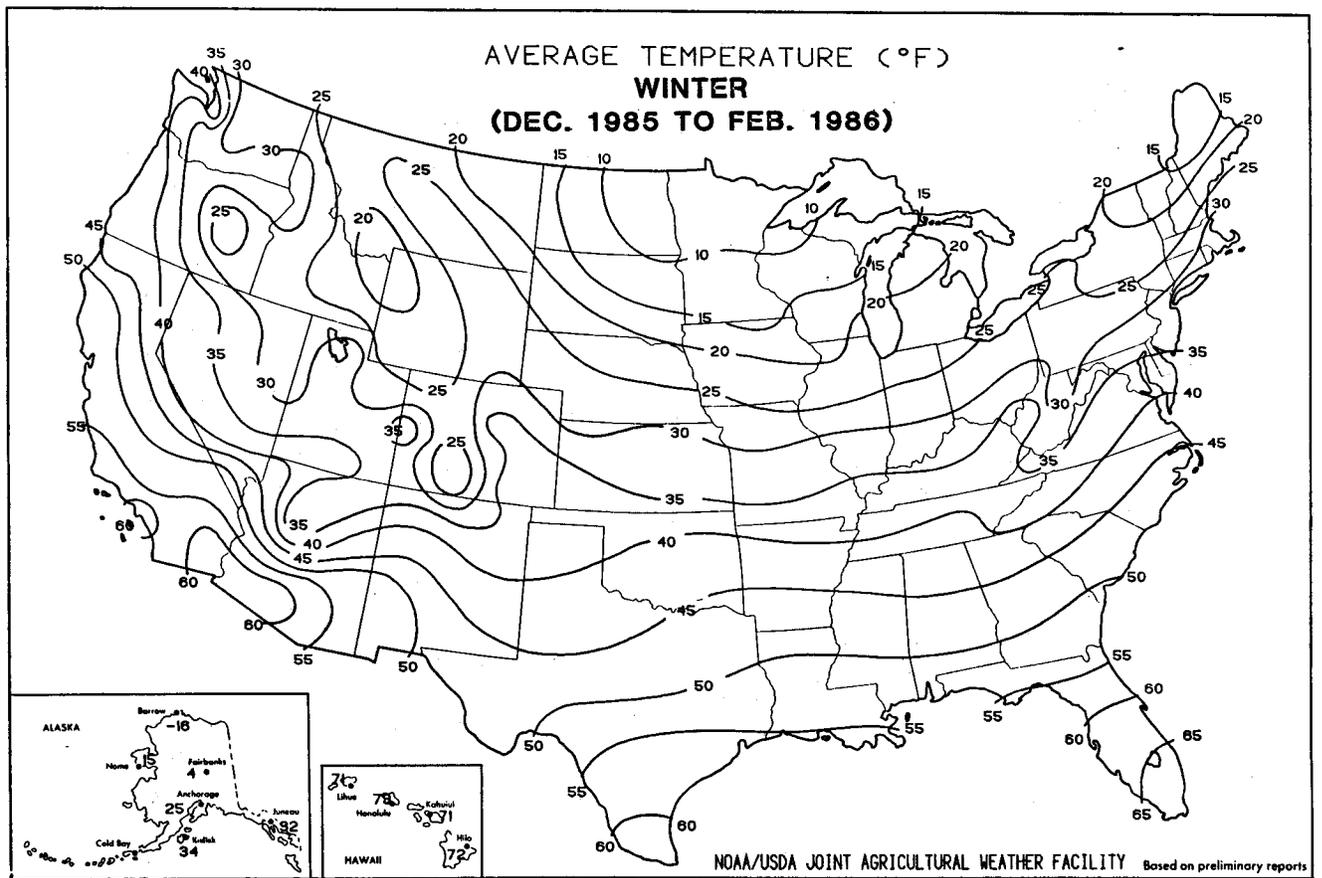
HIGHLIGHTS: Seasonal precipitation started in the West. Most of California, the northern Plateau, and northern Rockies had normal or better precipitation, and some parts of the central Sierras and the northern Rockies piled up unusual amounts of snow. The rainy season was not well started in the Southwest. Much of the southern Plateau had only about half the normal precipitation. The Great Plains did not expect a rainy season, but the usual 1.5 to 2.0 inches amounted to less than half that amount in much of the central and southern Great Plains. The comparative dryness extended northeastward from the southern Plains. The area from central Mississippi across northern Georgia and through the western Carolinas had less than half the normal precipitation even though 3 to 4 inches did fall in this area. The east central and northeastern coastal areas had less than normal precipitation, but southern Alabama, southern Georgia, and most of Florida were wetter than normal. Temperatures were generally colder than normal in the East and warmer than normal in the West. An exception to this split was the area from southern Washington and eastern Oregon to western Montana and Wyoming where average winter temperatures were 3 to 5 degrees colder than normal. The Southwest was 4 to 5 degrees warmer than normal.

DECEMBER...The Nation except the Southwest was colder than normal. The upper Mississippi Valley was 10 to 14 degrees colder than normal, and the northern Plateau averaged as much as 18 degrees colder than normal. Although some precipitation fell almost everywhere, much of the Nation was dryer than normal. Almost continuous snow produced above-normal precipitation in the western and lee side of the Great Lakes from Ohio through western New York. Much of the east coast, which was plagued by drought the previous winter, had less than half the normal precipitation. Normal, seasonal, increase in precipitation had not started

in most areas of the West. However, heavy snow accumulated in the central and northern Rockies, and in parts of the northern Plains.

JANUARY...The month was warmer than normal in most of the Nation. Record-high temperatures were along the eastern edge of the Rockies and throughout the Southwest. Much of the interior of the United States was dry. Parts of the central and southern Plains across to the southern Appalachians reported the lowest amount of precipitation ever recorded. A blast of cold air pushed through the upper Mississippi Valley and covered the entire eastern half of the country at the end of the month. Freezing temperatures reached into the eastern Gulf of Mexico and as far south as the Lake Okeechobee area in Florida.

FEBRUARY...A series of Pacific storms battered the west coast with heavy rain, gusty winds, and mountain snow. After midmonth the heavy rain moved northward to affect only the Northwest. Hardest hit in California was the north central area where deluges of rain caused flooding and land erosion. After the storms, much warmer weather spread through California and then covered the southern half of the Nation. Early-month snow fell through the Great Plains as far south as the Texas Panhandle and Oklahoma. Subsequent warming melted the snow. Snow also fell from the Great Lakes to the Tennessee Valley, through the Appalachians, and from the mid-Atlantic States northward. Later warming melted the snow south of the Great Lakes and Pennsylvania. Precipitation was well below normal from central Mississippi through the western Carolinas. Less extensive dry areas were in southern Texas, the Southwest, and spotty areas in the Plains. Unusually warm weather promoted the greening of grasses and budding of fruit trees through the southern half of the Nation, but on the last day of the month, freezing weather reached into the lower Mississippi Valley and to western Georgia. Damage to blooms seemed minimal.



National Agricultural Summary

March 17 to 23, 1986

HIGHLIGHTS: Below-freezing temperatures across the eastern half of the Nation slowed small grain growth. Peach growers from Texas to the Carolinas were concerned about possible freeze damage. Wetness slowed field activity in the Corn Belt and in the Southeast. Fieldwork was limited to 3 days or less in the Southeast and Delta. Soil moisture was generally adequate, but more moisture is needed in the Great Plain States from Texas to North Dakota.

Wheat was mostly good. Wheat was greening in Montana and heading in Arizona, Louisiana, and Mississippi. Corn planting advanced at a rapid pace in the Southeast. Seeding was ahead of normal in Texas, Georgia, Louisiana, and Mississippi. Sorghum planting moved into Louisiana and continued in Texas. Seeding was 18 points ahead of normal in Texas. Rain slowed cotton fieldwork in Arizona. Seeding began in Texas and California. Rice seeding began in Texas but was 5 points behind normal. Louisiana upped their seeding progress to 11 percent (%) finished. Freezing temperatures damaged tobacco in Florida. Georgia's tobacco was 8% transplanted, 2 points behind normal.

SMALL GRAINS: Below-normal freezing temperatures across the eastern half of the Nation slowed small grain growth from the Plains down into the Southeast. Some acreage loss is expected, but it should be minimal since the cold temperatures were of short duration. Small grains and wheat were mostly good with greening occurring as far north as Montana. Texas wheat was mostly good to fair. Light rain across the Plains and Cross-Timbers was not enough to ensure good growth. In the Blacklands, scattered showers helped relieve dry conditions, but additional moisture is needed. Growers sprayed to control rust and mildew and early seeded fields were heading. Wheat in central Texas looked good, but progress was slowed by the lack of moisture.

The lack of moisture and cold temperatures slowed wheat growth in Kansas. Most producers were topdressing, spraying for weed control and taking measures to prevent soil erosion. Wind damage has been light and light levels of soil-borne mosaic disease existed. Oat and barley seeding progressed to 75 and 80% completion, respectively.

Nearly one-third of the wheat acreage in Oklahoma was jointing. Below-normal temperatures slowed growth. Wind damaged thin stands in the Panhandle. Measures were taken to control weeds and alfalfa weevils. Wheat was mostly good.

Montana's wheat was fair to good with 10% of the acreage greening and growing. Nebraska's wheat was mostly good to fair. Small grain acreage that flooded was replanted in California. Crop conditions were good. Arizona's wheat and barley reached 85% jointed, 20 points ahead of 1985 with crop conditions good to excellent.

OTHER CROPS: Wetness limited field activity throughout the Corn Belt and in the Southeast. Land preparation was underway as far north as Montana. In portions of the Corn Belt, farmers continued harvesting corn left from the 1985 crop.

Corn planting was limited mostly to the Southeast and Southwest. Georgia's corn acreage was 40% planted compared with 30% normally. Corn was 40% seeded and 27% emerged in Louisiana. Planting was 6 points ahead of normal in

Mississippi. Texas corn seeding now stands at 63% completion compared with the 35% average. Planting was finished from the Blacklands south to the Rio Grande Valley.

Sorghum planting moved into Louisiana with 4% of the acreage in the ground. Texas seeding advanced to 54% finished compared with 36% normally. Planting made good progress and should end in the Blacklands and Lower Valley soon.

Rain slowed cotton fieldwork, but planting advanced in central and western Arizona. Planting got underway in Texas and California. Texas seeding was 8% finished, but moisture is needed for emergence. Planting progress ranged from just beginning in the Upper Coast, and central areas to almost complete at Coastal Bend.

Rice seeding branched into Texas, but ended the week 5 points behind the normal 8% seeding pace. Rice planting progressed normally in Louisiana, but emergence was slightly behind normal.

High winds and freezing temperatures damaged tobacco in Florida with some replanting necessary. Georgia's tobacco was good to fair. Eight percent of the acreage was transplanted, running a little behind normal. Tobacco bed seeding was active in Virginia and seedbed preparation continued in Kentucky.

FRUIT AND NUTS: Below-freezing temperatures covered most of the peach growing areas of the Southeast. Peaches were severely damaged in Mississippi. However, most peach producing States were unable to fully assess damage. Peach blooming and budding-out continued across Texas. Frost in some areas may cause petal drop. Georgia's peaches were mostly good with 78% of the acreage blooming.

Florida citrus escaped the cold temperatures. Peak bloom was general in most areas. Early and midseason orange harvest neared completion, but some Valencia oranges moved for fresh and processing utilization. Valencia oranges and grapefruit were packed in Arizona. In California, apples, cherries, and pears bloomed. Kiwis and grapes pushed new growth. Wet conditions slowed citrus harvest.

VEGETABLES: The weather was generally favorable in Florida's vegetable producing areas. Moisture was adequate in all areas. Vegetable shipments increased because of increased supplies of cabbage, carrots, celery, sweet corn, cucumbers, eggplant, lettuce, potatoes, squash, strawberries, and tomatoes. Onion harvest nearly peaked in the Rio Grande Valley of Texas. Light harvest of carrots and cabbage continued in the San Antonio-Winter Garden area and spinach harvest began winding down. Frost may have hurt transplanted tomatoes in east Texas. Planting of potatoes and onions continued in the High Plains. Heavy volume of lettuce were packed in Yuma and Parker-Poston, Arizona. Dry onions made good progress. Potatoes were planted in Cochise County. California vegetable harvest consisted mostly of artichokes, asparagus, broccoli, carrots, cauliflower, celery, and lettuce.

PASTURES AND LIVESTOCK: Moisture and warm temperatures improved pastures in the Southeast. However, a cold spell slowed growth late in the week. Livestock were mostly good.

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 5° below normal. Rainfall ranged 1.00 to 4.00 in.

Days suitable for fieldwork 2.8. Soil moisture 6% short, 47% adequate, 47% surplus. Field progress on schedule. Wheat 7% poor, 40% fair, 51% good, 2% excellent. Livestock 4% poor, 56% fair, 40% good. Pastures 22% poor, 54% fair, 24% good. Feed supply 57% short, 43% adequate. Stored feed 28% short, 68% adequate, 4% surplus. Primary activities: General farm chores, caring of livestock and poultry, machinery repair, planting corn and vegetables, soil testing, applying fertilizers, stocking fish ponds.

ARIZONA: Cold winter storm moved across State 16th to 18th, snow level down to 4,000 ft. Snow amounts 1 to 5 in. central basins, 3 to 17 in. over Grand Canyon, Mogollon Rim, White Mountain. Moisture values under 0.25 in. extreme west, mostly 0.50 to 1.25 in. elsewhere. Sunny skies, warming trend prevailed remainder of week. By 22nd maximums reached 60s high country, 70s at 5,000 ft., upper 80s and 90s southwest desert. Averages varied from 3° below to 2° above seasonal normals.

Cotton fieldwork slowed by rain until 20th. Seedbed preparation, pre-irrigation continued. Planting advanced western, central areas; 80% of seedbeds prepared. Alfalfa progressing normally, harvest light except west. Weed infestations moderate to heavy south central, light to moderate elsewhere. Insect problems considered normal. Sheep grazing winding down. Seedbed preparation for spring planted alfalfa took place. Corn seedbed preparation complete or nearing completion west, central. Planting 75 to 80% complete central; stands 7 to 8 in. west, crop good condition. Sorghum fieldwork progressed. Safflower good. Wheat, barley good to excellent; jointing well along west, central. Total of 85% jointing, 20 points ahead of 1985. Heading advanced west, beginning elsewhere. Large scale lettuce packing Yuma, Parker-Poston. Lettuce also packed Harquahala, Rainbow Valley, Salt River Valley, should begin 26th Marana-Eloy district. Other mixed vegetables harvested Yuma, Salt River Valley. Dry onion crop making good progress. Spring potatoes excellent. Potato planting Cochise County. Valencia oranges, grapefruit packed.

ARKANSAS: Cold front midweek brought below freezing temperatures to all sections. Temperature extremes 15°; 81°. Rainfall 0.03 to 1.42 in.

Land preparation ahead of schedule. Wheat, oats good. Livestock good. Freeze caused concern among peach, strawberry growers.

CALIFORNIA: Wet cool beginning, low pressure system dropped south along coast. Midweek, high pressure, fair skies, warm temperatures over State. Trend below to above normal temperatures left averages near seasonal normals.

Warm, sunny weather. Small grains good. Flooded oat acreage replanted. Alfalfa growers continued spraying. Cotton planting started. Apples, cherries, pears bloomed. Kiwis, grapes pushed new growth. Prune bloom complete. Citrus harvest slowed, wet conditions. Light almond sets. Artichoke heavy Salinas variable quality. Asparagus progress Firebaugh District, Delta good quality. Harvest desert wind down good quality. Broccoli heavy variable quality both Salinas, Santa Maria. Harvest continued Central Valley. Carrot active Imperial Valley-Coachella Valley.

Cauliflower moderate Salinas/fairly light Santa Maria variable quality. Harvest toward completion desert. Celery continued slowly Los Angeles, Orange Counties. Lettuce increased volume Palo Verde Valley, peak 28th, wide range quality. Spring harvest started central San Joaquin; light, variable quality. Fall potato full-time Tulelake-Butte Valley. Prices depressed. White Rose, Red variety continued slowly average quality, demand. Sweetpotato bed seeding, preparation fields fumigation Merced-Atwater, Modesto-Turlock. Tomatoes fresh market, processing planted, fields sprayed weeds. Range, pasture growth good; excellent warm weather. Feed started maturing some areas. Feedlots muddy most areas. Calving declined northern districts. Supplemental feeding decreased.

COLORADO: Temperatures averaged 1° below normal to 2° above normal. Precipitation totals averaged none to 0.75 in.

Days suitable for fieldwork 4.0. Soil moisture 5% very short, 34% short, 54% adequate, 7% surplus. Limited seeding of small grains. Winter wheat 1% very poor, 5% poor, 25% fair, 60% good, 9% excellent. Winter wheat 24% pastured most frequent southeast. Livestock good. Range, pasture fair to good. Calving, lambing progress near normal.

FLORIDA: Very warm through midweek. Afternoon temperatures 80s, few 90s; 60s to low 70s at night. Much colder 21st with light showers south. Unseasonable cold weekend. Strong, gusty winds 22nd; morning of 23rd hard freeze northwest; frost north, portions of central interior. Patchy frost Immokalee farming area. Record low temperatures statewide. Temperatures about 5° above normal during week, 10 to 20° below normal weekend. Rainfall light, mostly under 0.50 in.

Soil moisture mostly adequate, surplus few counties. Corn severely damaged, especially northern counties from late week freeze; some replanting necessary. High wind, freezing temperatures damaged tobacco; some fields to be replanted. Small grains good progress. Sugarcane harvest virtually complete. Cool temperatures after midweek slowed pasture growth; condition fair to good most areas; some southeast coastal pastures excellent. Cattle generally fair to good; some southeast coastal area excellent shape. Warm temperatures citrus belt first of week, cold last half. Peak bloom general. Early, midseason orange harvest almost complete. Some Valencias moved fresh, processing utilization. Grapefruit movement active primarily lower east coast. Weather conditions early week generally favorable followed by light rains, strong winds, unseasonably cold weekend most vegetable producing areas. Temperatures ranged lows 40s, 50s to highs 70s, low 80s. Rains mostly light. Moisture generally adequate all areas. Principal supplies most vegetables currently from Dade County. Increasing supplies Pompano, southwest areas. Total shipments gained last week due to greatly increased supplies cabbage, carrots, celery, sweet corn, cucumbers, eggplant, lettuce, potatoes, squash, strawberries, tomatoes offsetting declines snap beans, peppers, radishes.

GEORGIA: Temperatures upper 40s and low 50s north, mid and upper 50s elsewhere. Averages 4 to 6° below normal. Extremes 14° Blairsville morning of 22nd to 90° Jesup afternoon of 19th. Rain 1.00 in. range north, 1.00 to 2.00 in. central and south,

under 1.00 in. east. West central 3.00 to 4.00 in. totals.

Days suitable for fieldwork 2.9. Soil moisture 5% short, 49% adequate, 46% surplus. Corn 23% fair, 68% good, 9% excellent; 40% planted, 39% 1985, 30% avg. Tobacco 34% fair, 58% good, 8% excellent; 8% transplanted, 6% 1985, 10% avg. Watermelons 27% fair, 68% good, 5% excellent; 36% planted, 38% 1985, 29% avg. Wheat 1% poor, 26% fair, 68% good, 5% excellent; 58% jointing, 69% 1985, 46% avg; 6% boot, 8% 1985, 7% avg. Rye 4% poor, 16% fair, 72% good, 8% excellent. Other small grains 3% poor, 20% fair, 72% good, 5% excellent. Apples 5% fair, 90% good, 5% excellent; 9% blooming. Peaches 2% very poor, 2% poor, 14% fair, 68% good, 14% excellent; 78% blooming, 50% 1985, 56% avg. Pasture 6% poor, 40% fair, 52% good, 2% excellent. Cattle 1% poor, 33% fair, 65% good, 1% excellent. Hogs 27% fair, 72% good, 1% excellent. Main activities: Wet weather, soggy fields delaying land preparation and planting; concern over peaches due to freezing temperatures; some reports of Hessian fly in wheat; topdressing small grains; fertilizing pastures.

HAWAII: Cold front passed through island chain mid to late week bringing gusty trade winds, showery conditions. Temperatures ranged mid 60s to mid 80s. Rainfall ranged from none to 13.2 in. across State.

Days suitable for fieldwork 7.0. Soil moisture improved, especially drought areas. Rainfall brought relief sugarcane crop, replenished irrigation reservoirs. Previously delayed sugarcane planting resumed some drought areas. Other crops benefiting from rainfall include bananas, papayas, pineapple, flower crops, livestock pasture, range. Papaya harvesting increased.

IDAHO: Pacific system brought precipitation, below normal temperatures early week. Weeks end temperatures warmed, generally dry conditions.

Fieldwork at minimum due to wet conditions. Limited plowing, fertilizing, planting accomplished. Onion planting getting underway. Calving, lambing progressed well. Livestock good; feed supplies short. Sorting, shipping of seed potatoes continued.

ILLINOIS: Temperatures averaged 1 to 7° below normal. Highs averaged mid 40s north to low 60s south. Precipitation totals averaged 0.20 to 0.60 in. north, 0.50 to 1.29 in. south.

Winter wheat mostly fair to good. Some acreage losses expected from winter freeze, heave damage; however, too early to assess amount, if any. Livestock good aided by mild temperatures. Hay supplies adequate.

INDIANA: Temperatures 1 to 3° below normal. Highs low to mid 60s, lows 8 to 12° north. Rainfall 0.10 to 0.50 in. north, central and south totaled 0.50 to 2.00 in. Lowland flooding south.

Muddy fields limited fieldwork. Minor wheat damage from excess water, freezing some areas. Calving full swing. Some TGE problems from weather changes. Most livestock good. Activities: Hauling manure, readying equipment, considering government programs, caring for livestock, usual chores.

IOWA: Temperatures averaged near normal. Mild early week; cold 20th lows in teens, highs 60s south 18th. Light to moderate precipitation southeast third State; elsewhere 1.00 in. or more with high waters, minor flooding on Little Sioux, Floyd, Racoon, Upper Des Moines, Cedar, Wapsipinicon rivers.

Livestock good; muddy fields limited tillage progress; farmers planning spring fieldwork, busy with normal chores.

KANSAS: Precipitation 0.15 to 0.50 in. from snow, rain, thunderstorms. Temperatures 44° northwest, 48° south central and southeast; 3° above normal south and east central, 4 to 6° above normal elsewhere.

Days suitable for fieldwork 3.0. Soil moisture 31% short, 58% adequate, 11% surplus. Wheat growth slow. Wind damage light. Soil control measures, topdressing, spraying for weed control. Light levels soil-borne mosaic. Land preparation spring planting satisfactory progress. Oat seeding 75% complete. Barley seeding 80% complete. Pastures greening, mostly adequate grazing. Feed grains, hay, forage adequate to surplus. Calving few problems.

KENTUCKY: Near record cold temperatures, hard freeze. Low temperatures on 21st, 22nd A.M. in teens to around 20°. Temperatures averaged 1 to 5° below normal. Daily lows in 30s, highs in 50s. Precipitation below normal. East no measurable rainfall, west and central as much as 1.00 in.

Tobacco bed preparation continued. Land preparation underway. Grass seeding, fertilization continued.

LOUISIANA: Temperature ranged normal to 2° below normal. Temperature extremes 24°; 83°. Rainfall averaged 0.30 to 1.80 in. across State.

Days suitable for fieldwork 3.4. Soil moisture 5% short, 63% adequate, 32% surplus. Spring plowing 55% complete, 39% 1985, 40% avg. Corn 47% planted, 44% 1985, 34% avg. Corn 27% emerged, 13% 1985, 11% avg. Rice 11% planted, 9% 1985, 11% avg. Rice 3% emerged, 2% 1985, 5% avg. Winter wheat fair to good; 8% headed, 6% 1985, 6% avg. Sorghum 4% planted, none 1985, none avg. Sugarcane good. Vegetables fair; pasture, livestock fair to good. Main activities: Spring plowing; planting corn, rice, sorghum, spring gardens; applying fertilizer.

MARYLAND & DELAWARE: Maryland: Temperatures averaged 4° above normal over State; lowest temperature 5° Oakland; highest temperature 76° College Park, Patuxent, Upper Marlboro. Precipitation averaged 0.51 in., ranging from 0.14 to 1.40 in.

Fieldwork 4.0 days suitable. Topsoil moisture surplus; subsoil moisture adequate. Small grains good. Farmers main activities: Topdressing small grains, preparing for planting, tending to calving.

Delaware: Temperatures averaged 6° above normal over State; lowest temperature 16° Wilmington; highest temperature 74° Wilmington, Dover. Precipitation averaged 0.36 in., ranging from 0.29 to 0.40 in.

Fieldwork 4.0 days suitable. Small grains good. Farmers main activities: Topdressing small grains, preparing for planting, tending to calving.

MICHIGAN: Winter continued northern State. Two feet snow. Temperatures averaged 2° above normal. Snowmelt floods continued southern half Lower Peninsula.

Farm activities increased. Fields drying. Corn harvest, fertilizer, manure spreading active. Small grain, hay fields good. Grain, hay, livestock marketings continued. Fruit tree, grapevine pruning active. Maple syrup tapping full swing. Farmers continued ASCS sign-up. Calving, lambing active. Feed supplies good.

MINNESOTA: Temperatures averages near normal to 3° above normal. Temperature extremes -15°; 58°. Precipitation averaged 0.16 to 0.29 in. below normal northern third, 0.04 to 1.02 in. above normal elsewhere. Greatest weekly precipitation 1.72 in. Snow depth week's end averaged none to 14 in.

Fields mostly snow-free southern portion, but soft ground made fieldwork impossible. Hay shortage, dairy region.

MISSISSIPPI: Average temperatures 10 above to 70 below normal, extremes 150; 840. Some tornado damage. Heavy rain most areas, greatest 24-hour total 3.29 in.

Fieldwork 2.1 days suitable, 3.9 1985, 3.2 avg. Soil moisture 8% short, 44% adequate, 48% surplus. Rain slowed or stopped land preparation, planting. Fieldwork, development still ahead of schedule due to warm, dry winter. Corn 5% poor, 48% fair, 47% good; 25% planted, 25% 1985, 19% avg.; 12% emerged, 5% 1985, 5% avg. Watermelons 13% planted, 12% 1985, 15% avg. Wheat 31% fair, 62% good, 7% excellent; 66% jointing, 65% 1985, 39% avg.; 2% heading, 1% 1985, 1% avg. Pastures 5% poor, 41% fair, 51% good, 3% excellent. Livestock 53% fair, 42% good, 5% excellent. Cold severely damaged peaches. Main activities: Obtaining financing, equipment maintenance, planning.

MISSOURI: Temperatures averaged 30 above normal. Abnormally cold morning temperatures teens to low 20s on 20th, 21st. Precipitation light, averaging 0.33 in. early week.

Pastures greening up. More farmers getting into fields as warmer weather making soil tillable. Some areas still too wet.

MONTANA: Temperatures very mild 5 to 120 above normal. Warmest near end of week maximum temperatures 60s, 70s. Precipitation early week, dry after midweek. Heaviest precipitation south central, southeast 0.20 to near 1.00 in. Rest of State generally light, less than 0.25 in.

Days suitable for fieldwork 1.3. Topsoil moisture 94% adequate, 6% surplus. Subsoil moisture 13% short, 87% adequate. Winter wheat fair to good, 10% green and growing. Field tillage 28% just started. Calving, lambing near halfway complete.

NEBRASKA: Week began cold, wet; ended dry, mild. Average temperature ranged 1 to 40 above normal. Rainfall ranged from 0.25 in. west to over 1.00 in. east.

Wheat mostly good to fair. General farm chores, care of livestock.

NEVADA: Cold upper low triggered convective showers most areas early period. Snow reported down to valley floors north. Sunny, mild weather returned midweek, continued for remainder of period. Temperatures averaged well below normal early period, near normal or slightly above remainder.

Relatively dry weather allowed seedbed preparation extreme south, delayed by wet, breezy weather elsewhere. Cattle, sheep mostly good.

NEW ENGLAND: Temperatures averaged 23 to 330 northern areas; 34 to 390 south. Averaged temperatures 1 to 20 below normal due to cold snap on 20th, 21st. Precipitation (rainfall and melted water equivalent of snowfall) average from 0.25 to 1.00 in. inland; between 1.00 to 1.50 in. coastal Maine and southeastern Vermont.

Maple sugaring full swing; farmers marketing milk, apples, potatoes, and tending to livestock and farm chores.

NEW JERSEY: Temperatures averaged 3 to 40 below normal. Extremes 100; 730. Weekly rainfall averaged 0.24 in. north, none central, 0.02 in. south. Heaviest 24-hour total 0.22 in. on 18th, 19th. Estimated soil moisture, in percent of field capacity, averaged 99% north, 94% central, 93% south. Four inch soil temperatures averaged 330 north, 440 central, 450 south.

Preparation, planting of early season crops active. Fertilizer, liming, manure spreading continued. Pastures greening. Most crops, livestock came through winter well.

NEW MEXICO: Rain, snow over entire State except eastern border of south. Precipitation none to 0.57 in., northern mountains. Average weekly temperatures few degrees above normal northeast, near or few degrees below elsewhere. Temperatures 80 northern mountains to 830 southeastern plains.

Days suitable for fieldwork 6.3. Soil moisture 60% short, 40% adequate. Alfalfa 14% poor, 21% fair, 65% good. Barley 20% fair, 70% good, 10% excellent. Irrigated wheat 33% fair, 59% good, 8% excellent. Dryland wheat 20% poor, 40% fair, 20% good, 20% excellent. Onions 100% good. Lettuce 25% fair, 75% good. Cattle 52% fair, 48% good. Sheep 50% fair, 50% good. Range 24% poor, 76% fair.

NEW YORK: Weather featured sharp changes in temperature and variable precipitation. Spotty light snow, rain on 16th. Storm brought rain night 18th, 19th, with over 1.00 in. parts of Catskills and Adirondacks. Temperatures on 19th reached 60s and low 70s in all but far north. Sharp change to bitter cold followed on 20th with scattered light snow. Cool, dry on 21st, 22nd.

Farm activities included tending livestock, repairing machinery, hauling manure and general farm chores. Maple trees tapped, sap running.

NORTH CAROLINA: Temperatures averaged near normal statewide. Temperature extremes 130; 790. Precipitation ranged from 0.06 to 4.12 in. across State.

Days suitable for fieldwork 3.2. Soil moisture 11% short, 63% adequate, 26% surplus. Wheat 13% fair, 85% good, 2% excellent. Oats 23% fair, 76% good, 1% excellent. Barley 3% poor, 16% fair, 80% good, 1% excellent. Rye 20% fair, 79% good, 1% excellent. Tobacco beds 25% fair, 74% good, 1% excellent. Irish potatoes 32% fair, 68% good; 68% planted, 77% 1985, 60% avg. Feed grains 1% short, 94% adequate, 5% surplus. Hay, roughage 6% short, 91% adequate, 3% surplus. Pasture 13% poor, 37% fair, 49% good, 1% excellent. Cold extreme may affect small grains, fruit crops. Major farm activities: Topdressing small grains; preparing, seeding tobacco beds; spreading lime; land preparation; pruning, planting fruit trees; tending livestock; cutting firewood; spraying herbicides on Christmas trees; planting Irish potatoes, cabbage; mowing; fertilizing pastures; conservation work; machinery repair; general farm maintenance.

NORTH DAKOTA: Mild weather continued third week of March. Temperatures averaged from 30 above normal southeast to 110 above normal northwest. High 730 west central on 21st. Little precipitation. Western two-thirds received some light snow midweek. Southwest reported 0.10 in.

Livestock, fall seeded crops generally good. Farmers busy finalizing program involvement, lining up financing, preparing machinery for planting season.

OHIO: Temperatures 1 to 60 below normal. Lows in lower teens, highs to upper 60s. Precipitation 0.75 to 1.00 in. west, 0.25 to 0.50 in. east. Soil temperatures at 4 in. depth upper 30s to mid 40s.

Small grain, grass greening. Spring plowing accelerates.

OKLAHOMA: Temperatures averaged 10 below normal southeast, west central, southwest to 10 above normal Panhandle, northeast, east central, south central. Precipitation average 0.21 in. Panhandle, central, southwest to 0.63 in. south central.

Days suitable for fieldwork 4.4. Topsoil moisture 35% short, 50% adequate, 15% surplus. Subsoil moisture 15% short, 85% adequate. Wheat 8% excellent, 82% good, 10% fair. Wheat 30% jointing, 25% 1985, 20% avg. Below-normal temperatures slowed wheat growth. Wind damaged thin stands Panhandle. Growers spraying weeds, alfalfa

weevils. Pastures good to fair; forage supplies 25% short, 75% adequate. Cattle good; prices lowest of 1986.

Oregon: Temperatures above normal statewide. Much of west had maximums in 70s midweek. North, south central sections continued to have minimums below freezing. Rainfall all areas. Heaviest amounts recorded along coast, coast range. Generally weekly precipitation slightly below normal.

Soil moisture adequate to surplus. Winter grains good to very good. Alfalfa, clover seeds good. Some western grass seed fields lost. Spring seeding low elevations of east; high elevations started fieldwork. Bloom spraying on fruit trees. Caneberries wintered over well. Early vegetable planting continued. Livestock good. Calving continued high eastern elevations. Range, pastures developing about two weeks ahead of normal due to warm weather, excellent moisture.

PENNSYLVANIA: Average temperature 36°, 1° below normal. Precipitation average for week was 0.17 in., 0.64 in. below normal.

Activities for week: Caring for livestock, other early spring activities.

PUERTO RICO: Island average rainfall 0.65 in., 0.05 in. above normal. Highest weekly total 3.75 in. Highest 24-hour total 3.45 in. Total rainfall 0.32 in., minus 0.19 in. Temperature averaged about 76 to 77° on coasts, 70 to 73° interior divisions. Mean station temperature ranged from 63 to 77°. Extremes 53°; 90°.

SOUTH CAROLINA: Weather warmer than usual, replaced by cold front on 21st. Cooler weather preceded by 1.00 to 2.00 in. rain across State. Windy conditions reduced frost damage on 22nd. Early on 23rd temperatures in 20s across State-heavy frost.

Rainfall interrupted land preparation, helped replenish soil moisture. Cold temperature some damage to peaches, extent uncertain. Farm activities will be picking up next few weeks.

SOUTH DAKOTA: Average temperatures 2 to 5° above normal north and extreme west, 3° above to 3° below normal elsewhere. Extremes -10°; 71°. Snow cover 3 in. or less northeast, little to none elsewhere. Major storm early week dumped 15 to 20 in. snow south central, 6 to 10 in. band from southwest to northeast. Precipitation less than 0.10 in. north, 0.25 to 1.00 in. southwest, 1.00 to 2.00 in. central and east.

Winter grains good; greening up. Livestock good. Calving, lambing continued. Feed supplies low in areas. Major agricultural activities include caring for livestock, attending farm meetings, planning spring planting.

TENNESSEE: Temperature averages subnormal, ranged 42° east to 49° west. Extremes 14°; 78°. Precipitation amounts less than 1.00 in.

TEXAS: Large Pacific storm system mixed Gulf moisture, cold Canadian air triggering snow Panhandle, thunderstorms north. Freezing air north, west into Edwards Plateau, northern fringes Hill Country. Warming trend late week. Temperatures below average most State, south central, southern low Plains above average. widely scattered showers above average rainfall Cross-Timbers.

Crops: Wheat 2% headed, 1% 1985, none avg. Wheat 6% poor, 37% fair, 50% good, 7% excellent. Small grains Plains, Cross-Timbers some light rain last week; not enough to insure good progress, yields. Fields look good, some early fields booting. Growth slowed by lack of rain.

Blacklands some scattered showers helped relieve dry conditions; additional amounts needed. Rust, mildew sprayed as high winds die down. Many early fields heading. Rainfall needed statewide to insure good yields. Central fields look good, progress slow because lack of rain. Corn 63% planted, 31% 1985, 35% avg. Planting completed from Blacklands, south to Rio Grande Valley. Plains land preparation, some prewatering corn fields. Grain sorghum 54% planted, 23% 1985, 36% avg. Planting making good progress, should be complete Blacklands, Lower Valley soon. Early fields emerging, some stands set. Frost some areas may have burned some leaves young plants. Rainfall necessary for continued emergence on later fields. Cotton 8% planted, 3% 1985, 4% avg. Planting increasing Valley, Coastal Bend, about complete. Some planting beginning Upper Coast, south central. Rainfall would help emergence. Rice 3% planted, none 1985, 8% avg. Planting underway Upper Coast. Other field crops: Sugarbeets none planted, 1% 1985, 4% avg.

Commercial Vegetables: Rio Grande Valley, onion harvest increasing, close to peaking. Yields excellent. Cabbage, carrots still moving at fair volumes. Melons making good progress. San Antonio - Winter Garden, harvest spinach winding down. Harvest continued light carrots, cabbage. East Texas, bedding sweetpotatoes continued. Some transplanted tomatoes may have been hurt by frost. Planting melons, sweet corn, other spring vegetables continued. High Plain, planting potatoes continued. Some transplanted onions minor wind damage. Direct seeding onions underway. Trans-Pecos, planting cantaloups, onions continued. Some early fields cantaloups emerging. Bulbs forming on onions. Peach trees continued bloom, bud out across State. Frost some areas may cause some petal drop. Spraying continued. Pecan trees leafing out many areas Central, South. Bud break nearing other areas.

Range and Livestock: Ranges, pastures continue show greening many areas; growth continued slow because lack of moisture. Some sprigging Coastal Cross-Timbers. Some fertilizing native pastures underway. Alfalfa growth Trans-Pecos good under moderate irrigation. Small grains left for grazing providing good forage, gains on livestock. Spring calving, lambing continue. Livestock remain good condition. Feeding increasing herds pulled off wheat. Ticks, hornflies, lice infestations high untreated herds.

UTAH: Maximum temperatures below normal ranging from 5° below normal Dixie, south central to 2° below Uintah Basin, southeast. Minimums ranged from 2° below normal Dixie to 6° above Uintah Basin. All divisions received precipitation ranging from light to heavy. Heavy amounts received Dixie, north central, northern mountains.

Dry sunny weather prevailed for most week, allowing farmers to continue spring plowing, field preparation. Spring seeding to begin shortly. Pastures, fall seeded grains green, growing. Light frost did little damage to early fruit. Calving, lambing underway.

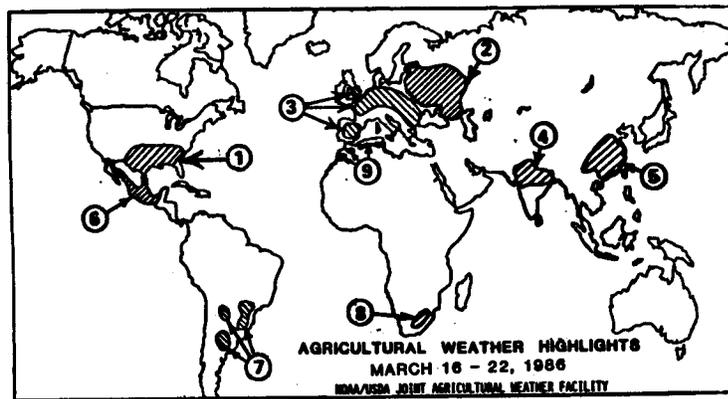
VIRGINIA: Temperatures averaged 2° above normal, very cool weather dominated midperiod. Range teens to mid 70s. Precipitation averaged 0.75 in., greatest amounts west. Most rain beginning of period.

Days suitable for fieldwork 2.7. Soil moisture 69% adequate, 31% surplus. Wet, cool weather moderated spring fieldwork. Small grain topdressing active. Small grains good to excellent. Flue-cured tobacco plantbeds good to excellent; seeding over 90% complete. Pasture, hay land overseeding, fertilizing active. Fruit bud development excellent; cool weather holding

(Continued to back cover)

International Weather and Crop Summary

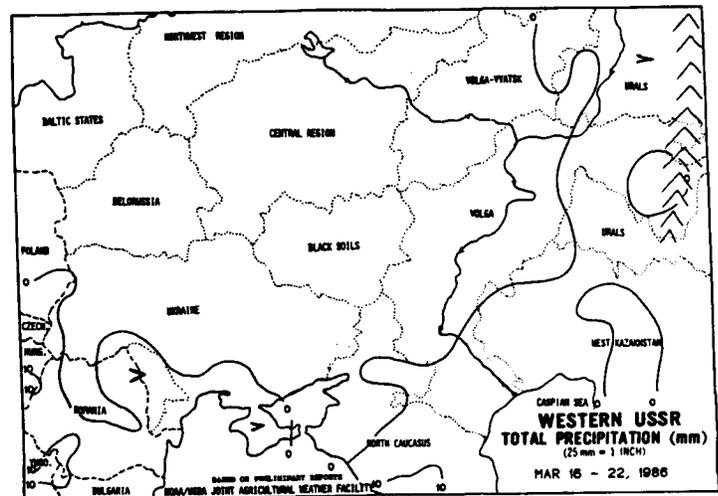
March 16 - 22, 1986

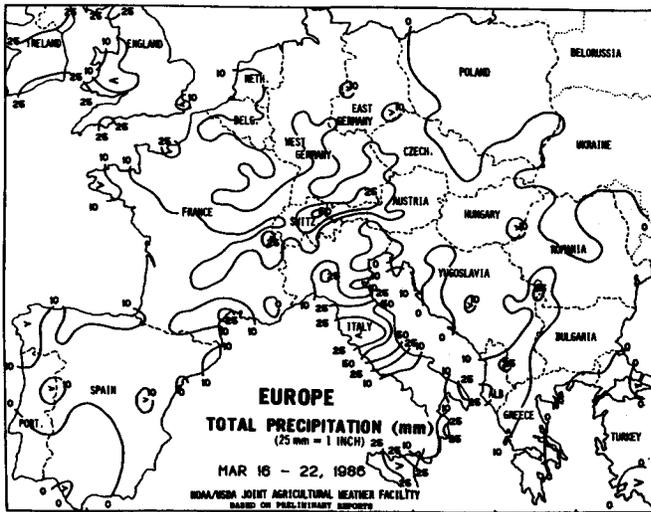


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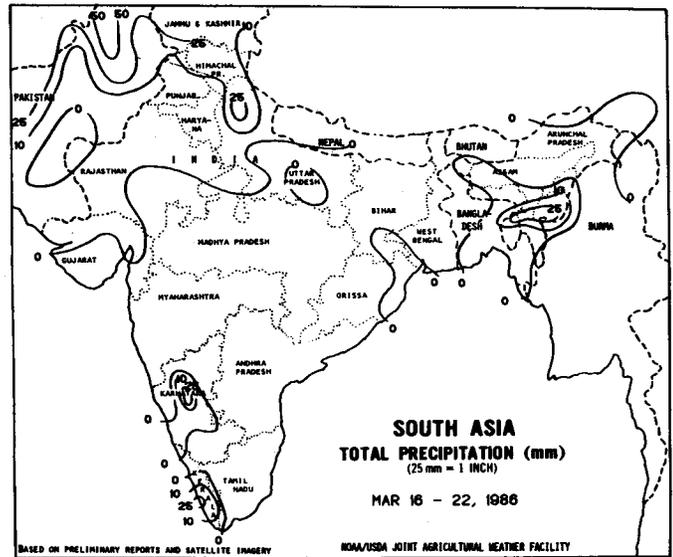
1. UNITED STATES ... Below-freezing temperatures across the eastern half of the Nation slow small grain growth. Peach growers from Texas to the Carolinas are concerned about possible freeze damage.
2. WESTERN U.S.S.R. ... Mostly dry weather accompanies a slow warming trend.
3. EUROPE ... Winter grains are approaching the heading stage in Mediterranean areas and are beginning vegetative growth in England and France.
4. SOUTH ASIA ... Dry weather benefits central wheat harvesting. Wet weather in the north is unfavorable for maturing wheat.
5. EASTERN ASIA ... Moderate to heavy rain benefits southeastern rice. Cool weather slows early growth of winter wheat.
6. MEXICO ... Light rain falls in the northwest and southeast while dry, cool weather prevails elsewhere.
7. SOUTH AMERICA ... Early-week heavy rain soaks southern Brazil's soybean area. Drier weather prevails over most crop areas of Argentina and Brazil's center-south later in the week. Crops are maturing.
8. SOUTH AFRICA ... Moderate rain is unfavorable for maturing corn but improves conditions for wheat planting.
9. NORTHWESTERN AFRICA ... Moisture conditions in Morocco and Algeria are favorable for winter grains approaching the heading stage. In Tunisia, wet weather for the second consecutive week relieves drought conditions.

WESTERN U.S.S.R. ... Mostly dry weather continued over the region. Weekly temperatures averaged above normal in the north, slowly melting snow. Weekly temperatures were near normal in the south. The slow warming trend over the region has caused the snow cover to diminish at nearly a normal rate. Winter grain areas in the Baltic States, Belorussia, the Ukraine, North Caucasus, and the lower Volga are without a snow cover. Winter grains remained dormant in most crop areas except those adjacent to the Black Sea where early growth occurred.

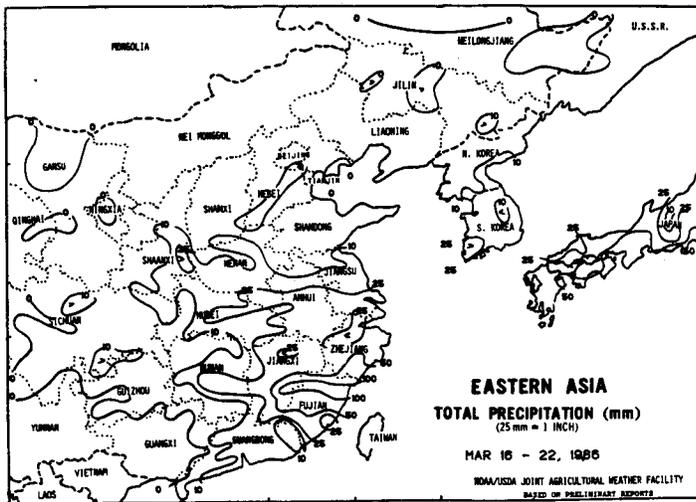




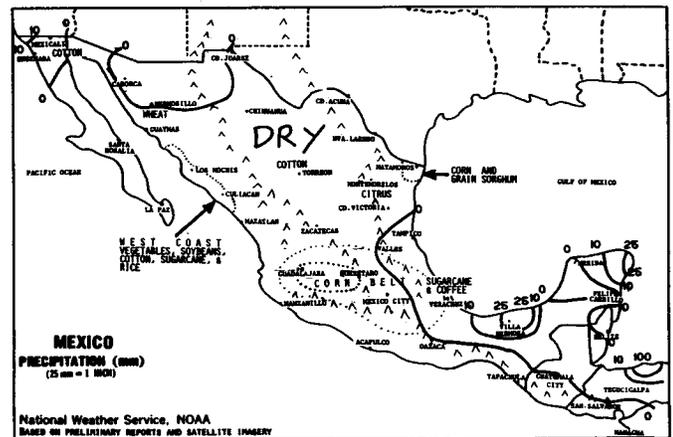
EUROPE ... Light showers covered winter grain areas in England, northern France, West Germany, and East Germany. Mostly dry weather covered Poland, eastern Czechoslovakia, Romania, and Bulgaria. Mostly dry weather in southern Spain covered winter grains approaching the heading stage. Light, scattered showers covered the north where winter grains are in the vegetative stage. Weekly temperatures were above normal across northern Europe, and below normal in the south. Winter grains in England and France have likely broken dormancy while those in West Germany and East Germany are losing hardiness. Winter grains in Eastern Europe remained dormant.



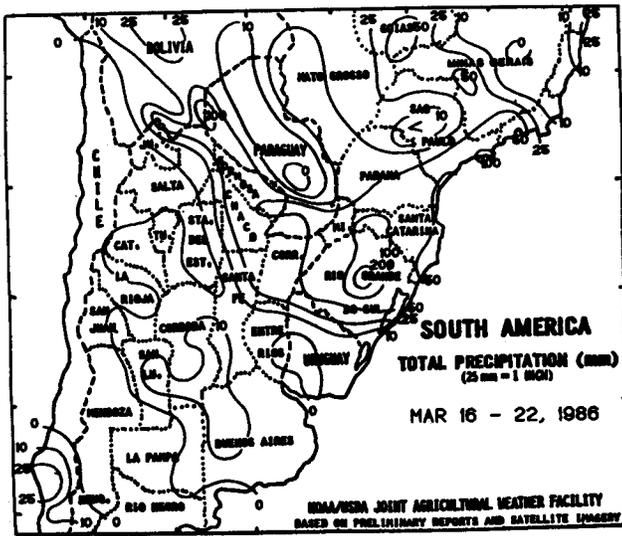
SOUTH ASIA ... Dry weather covered most of central India. The seasonable weather favored wheat harvesting in Gujarat, Maharashtra, and Madhya Pradesh. Light to moderate showers (1 to 25mm) fell in northern India where wheat is maturing. Moderate to heavy rain (25 to 95mm) fell in northern Pakistan following heavy rain last week. Drier weather would benefit maturing wheat in Pakistan. Temperatures averaged cooler than normal in northern India and Pakistan.



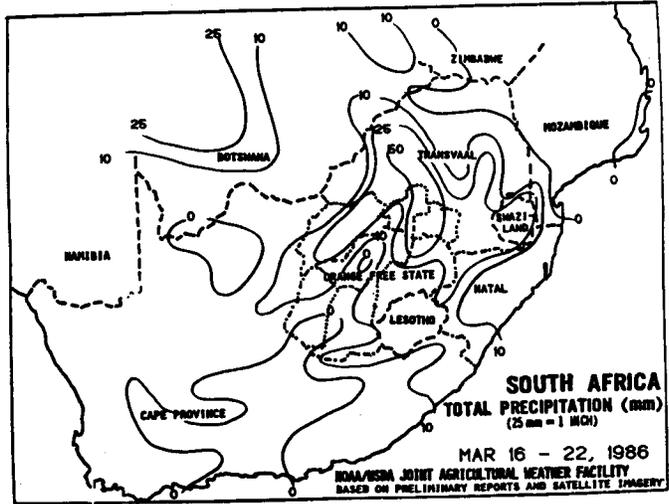
EASTERN ASIA ... Moderate to heavy rain (25 to 150mm) fell in southeastern China. Much of the south has adequate moisture for early rice and early corn planting, but drier-than-normal weather continued to hamper planting in Guangdong and Guangxi. Moderate rain (10 to 30mm) extended into the southern North China Plain, benefiting early growth of winter wheat. Light showers (1 to 10mm) fell in Hebei and Shandong. Cooler-than-normal weather in most of eastern China slowed early growth of winter wheat. Light showers and above-normal temperatures occurred in northeastern China, where spring wheat planting normally begins in late March.



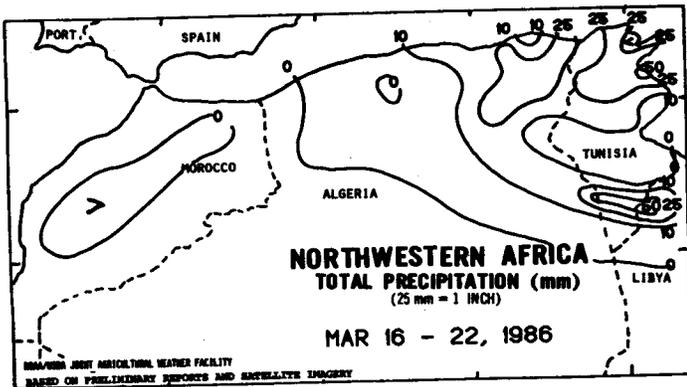
MEXICO ... Light rain fell in northwestern wheat areas where the crop is mostly in the grain filling period. Dry weather prevailed elsewhere, except along east-coast sugarcane areas where scattered light showers occurred, and across the Yucatan peninsula. Early-planted corn in the south benefited from the moisture. Cooler weather covered most of the country, following several weeks of above-normal temperatures. The warm weather increased irrigation requirements for crops growing during the seasonably dry months. Moisture reserves may become limited soon, necessitating a timely onset of the wet season which usually occurs between May and November.



SOUTH AMERICA ... Early-week rain (80 to 200mm) soaked southern Brazil's major soybean producing state of Rio Grande do Sul, delaying early harvesting and possibly causing some pod shedding. Showers fell over the remainder of Brazil's center-south, but weekly amounts generally averaged 10 to 40mm. Beneficially drier weather covered the soybean areas during the latter half of the week. The soybean harvest made some progress in the north. In Argentina, where summer crops are maturing, scattered showers fell mostly during the first part of the week. Drier weather later in the week favored ripening of corn, sunflowers, early-crop soybeans and sorghum. Crop harvesting has been concentrated mostly in northern areas including Chaco, Santa Fe, and Cordoba. The harvests have just begun in Buenos Aires.



SOUTH AFRICA ... Moderate rain continued in the Maize Triangle but is too late to significantly improve corn yields. Harvesting of early-planted corn has likely begun and late-planted corn is beginning to mature. Moderate to heavy rain (25 to 80mm) fell across the southern Transvaal, slowing early harvesting. Lighter showers (10 to 20mm) fell in the northern Orange Free State. Drier weather would be beneficial for maturing corn, but the recent increase in rain has improved soil moisture for wheat planting which normally begins in early April.



NORTHWESTERN AFRICA ... Mostly dry weather covered winter grains in Morocco, western Algeria, and central Algeria. Further east, late-week showers and thunderstorms over eastern Algeria and Tunisia, produced moderate amounts of precipitation (25 to 50mm). Over the region, early-planted winter grains are likely in the highly moisture sensitive heading stage while those planted later in the season are approaching heading. Moisture supplies in both Morocco and Algeria are abundant for crop growth, and yield prospects remain highly favorable. In Tunisia, wet weather for the past 2 weeks has helped to relieve drought conditions and has stabilized any further decline in the winter grain yield potential.

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(Continued from p. 16)

blossoms back. Potato planting for active east, 70% planted. Land preparation for corn planting. Livestock good to excellent. Spring feeder cattle sales. Other activities: Soil testing, meetings, sign-up for ASCS Programs.

WASHINGTON: Mostly cloudy throughout State. Rain almost every day, but weekly accumulated minimal. Temperatures mixed.

Days suitable for fieldwork less than 4.0. Soil moisture 100% adequate. Range, pasture 75% short, 25% adequate. Hay supplies 65% short, 45% adequate. Field preparations picking up. Daffodils being harvested. Lambing winding down.

WEST VIRGINIA: Temperatures averaged 1 to 4° below normal. Average temperature 39°. Temperature extremes 30° Greenbank; 78° Creston. Precipitation below normal, average 0.08 in.

Days suitable for fieldwork 3.6. Soil moisture 92% adequate, 8% surplus. Feed supplies 11% short, 85% adequate, 4% surplus.

WISCONSIN: Temperatures below normal north, near normal south. Major precipitation 18th, 19th, 10 in. snow north, 1.00 to 2.00 in. rain central, south. Snow cover disappearing.
High soil moisture preventing fieldwork.

WYOMING: Temperatures 2 to 6° above normal. Precipitation mostly above normal.

Soil moisture mostly adequate. Winter wheat mostly good. Barley seeding progressed slowly. Livestock mostly good; cool, damp condition caused light stress. Calf, lamb losses moderate. Major activities: Spring planting preparations; calving, lambing, supplemental feeding of livestock.

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