

WEEKLY WEATHER AND CROP BULLETIN

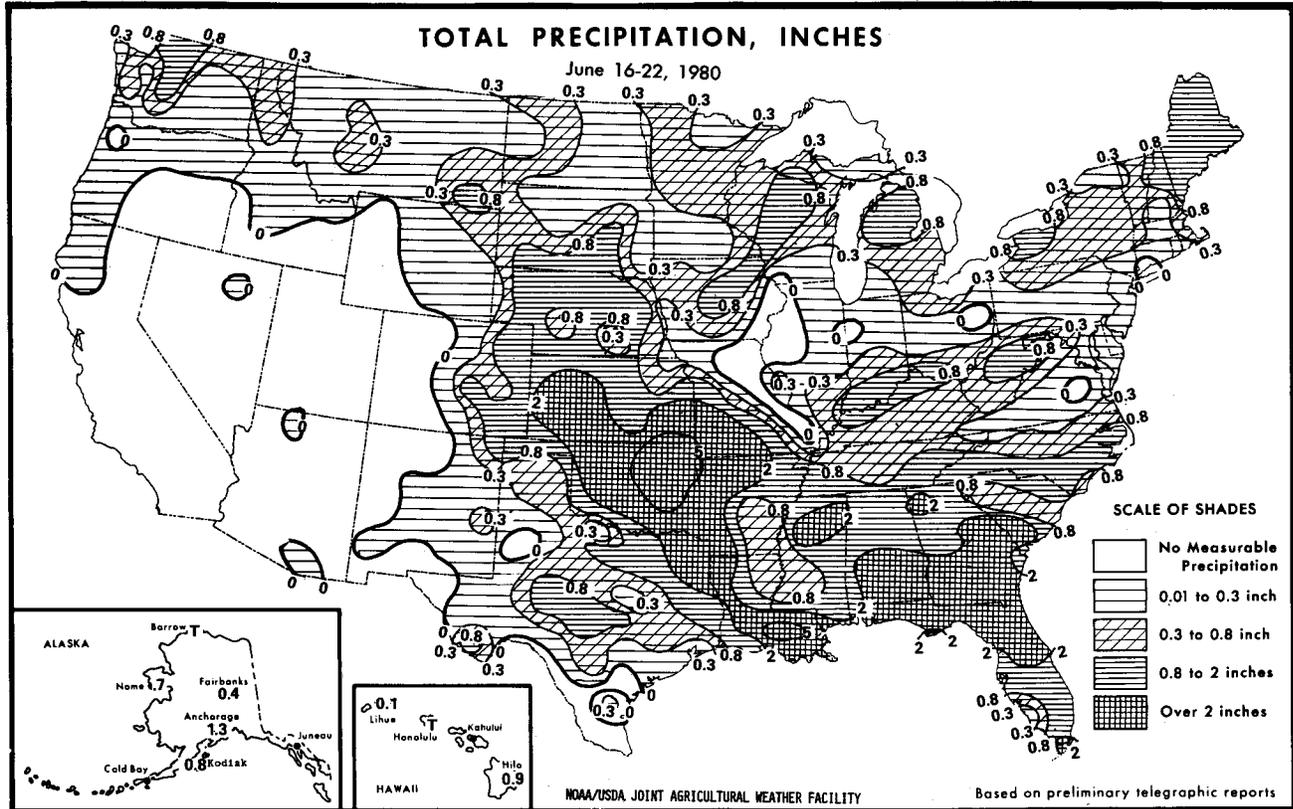
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National Weather Summary

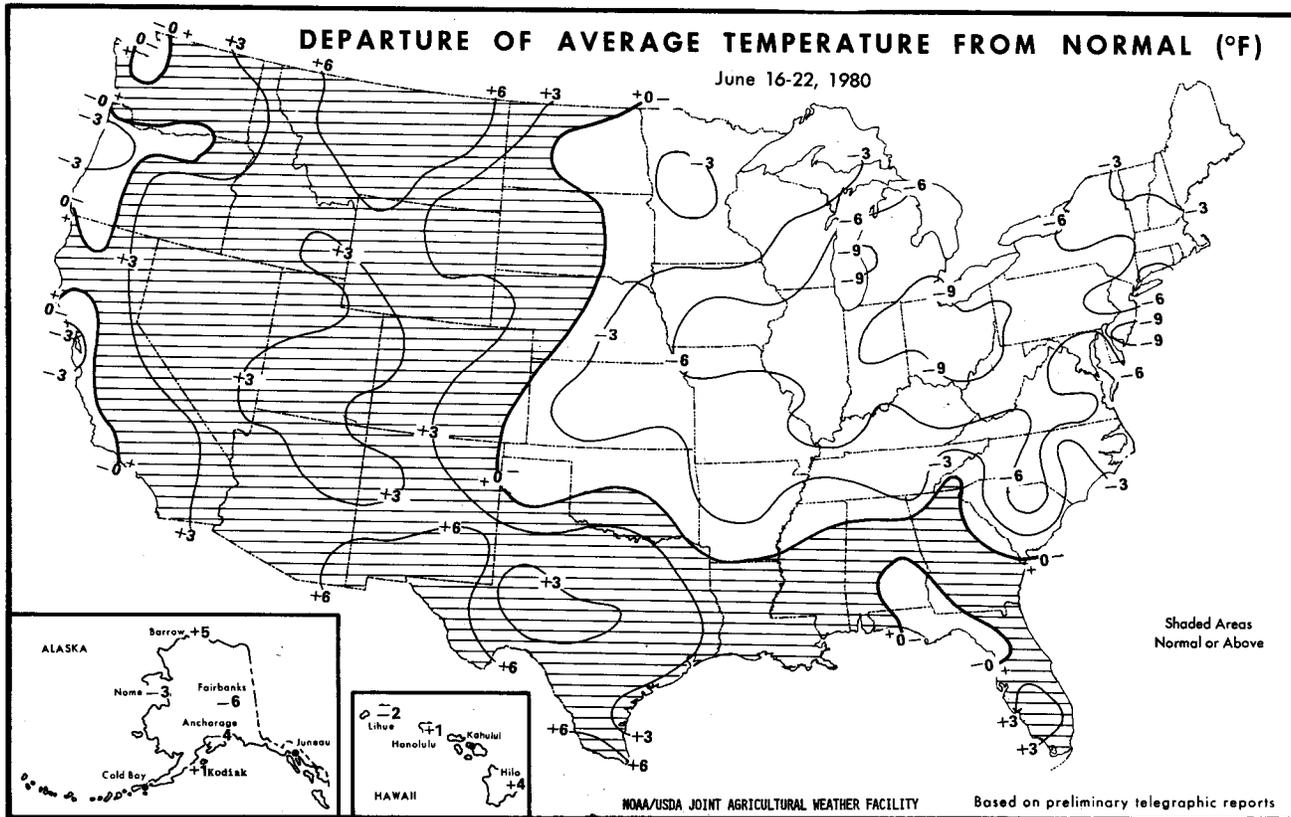
June 16 - 22

HIGHLIGHTS: A series of cool fronts moving through the eastern half of the Nation triggered heavy rains over parts of the Gulf Coast and central Plains. Southern Louisiana and north-eastern Oklahoma received over 5 inches. A cool high pressure system dominating the Northeast kept temperatures 6 to 9 degrees below the norm. Unseasonably high temperatures stretched from South Texas into the Desert Southwest and through the Rockies.

MONDAY...A slow-moving cold front spread showers and thunderstorms from Virginia through the Carolinas and Georgia to North Texas and Oklahoma.

Other thunderstorms developed from eastern Colorado to South Dakota. Golf-ball sized hail fell in western North Carolina and baseball-sized hail broke automobile windshields in eastern Tennessee. Tornadoes touched down in Southwest Oklahoma and around Gainesville in north central Georgia. Showers and thunderstorms were scattered along the North Pacific Coast. Behind the front, temperatures were unseasonably cold. Highs were in the 60's and 70's from the northern and central Plains to the northern half of the Atlantic Coast. However, the mercury rose above 100° in the Southwest and was in the 90's across the South.

Tuesday...High pressure dominated the northeastern quarter of the Nation. As a result, clear skies and cool weather was the rule. Low temperatures in the high 30's and low 40's set records in the area. The near stationary front triggered showers and thunderstorms from the Carolinas to northern Florida, across the South through the lower Mississippi Valley and the Tennessee Valley to northwest Texas and eastern New Mexico. Elsewhere, thunderstorms were widely scattered from Montana to Wisconsin. Temperatures remained hot



in the Southwest and very warm--in the 90's--in the Valley of California and across the South.

WEDNESDAY... Showers and thunderstorms continued over the same areas as the previous day but spread into the central and northern Plains and even the upper Mississippi Valley. Severe weather developed in these western areas. Hail was reported in Iowa, Nebraska and Texas. Wind damage occurred in Nebraska and Minnesota. Tornadoes touched down in South Dakota, Iowa and Colorado but no injuries were reported. An isolated tornado was sighted near Pensacola, Florida and hail fell near Savannah, Georgia. The cool weather was confined to the northern tier of States and from New Jersey through New England.

THURSDAY... Most of the thunderstorms extended from the central Plains across the middle and lower Mississippi Valley and to Georgia. The accumulating rainfall was most welcome in the South and Southeast where dry surface soils had plagued the area. Late in the day, thunderstorms triggered severe weather from the Texas Panhandle through eastern Colorado to western Nebraska. High winds and hail did some damage from Kansas through the Ohio Valley. High temperatures rose to only the 50's and 60's in Michigan while the warm weather continued across the South.

FRIDAY... The cool front moved slowly southward and extended from the Carolinas to Texas, then stationary northward through the Dakotas. A cool high pressure system over the Northeast kept temperatures minimum in the 40's and 50's. The Desert Southwest was hot during the afternoon; Casa Grande, Arizona, reported 113°. Showers continued across the South and central Plains, and increased over the Pacific Northwest and northern Rockies. Severe weather raked parts of the Gulf Coast. Two tornadoes struck the north side of Beaumont, Tex., causing widespread damage.

SATURDAY... Showers continued across the Gulf Coast and central Plains, while decreasing in the Northwest. Heavy rains of 1 to 2 inches fell in central Nebraska and western Oklahoma. Homestead AFB in the southern tip of Florida had 2.63 inches. Severe weather dotted the Plains. Two tornadoes touched down just northeast of Edna, Tex., during the afternoon. Hot temperatures baked the Southwest and South Texas.

SUNDAY... Rains returned to the Northwest and moved out of the Plains into the Mississippi Valley. Showers dotted a weakening front across the Gulf Coast. The heaviest amounts fell over Arkansas and Missouri where a few spots had 2 to 3 inches. Temperatures warmed into the 90's across the Dakotas as a cool front moved through the northern Rockies.



National Agricultural Summary

June 16 - 22

HIGHLIGHTS: Subnormal temperatures in the north central and most of the Atlantic States slowed crop development, while light rains in the northern Plains improved crop conditions and pasture growth. Temperatures averaged above normal in the West and South. Nearly all areas of the Nation had 4 to 7 days suitable for fieldwork. Soil moisture generally rated short to adequate. Winter wheat rated fair to mostly good except in the northern Plains and parts of Montana, where conditions remained poor to fair due to lack of moisture. Some small grains were plowed under and planted to row crops in those areas. Winter wheat combining was limited to southern areas; harvesting was active as far north as Colorado, Kansas, Missouri, Kentucky and Virginia. Harvesting in the 15 major producing States reached 11% complete, behind last year's 13%. Spring wheat was 55% headed in the five major States, well ahead of last year's slow progress of 7% and the average of 35%. Corn silking was confined to southern areas, extending northward into North Carolina. Soybean planting in the 18 major producing States advanced to 93% complete, 1 point behind a year ago but 1 point ahead of the average. Progress in most of the south central and southeastern States remained behind schedule owing to earlier delays caused by wet soils. Cotton planting was virtually completed, and 26% of the crop was squaring in the 14 major States. Growers replanted some fields in Texas because of wind and hail damage. Wind and hail also damaged some fields in Oklahoma. Grain sorghum planting in the seven major States advanced to 93%, 1 point ahead of both last year and the average. Only Oklahoma and South Dakota lagged the average. Pastures rated good in all areas of the Nation except the northern Plains and parts of the Southeast, where dry conditions hindered growth. Supplemental feeding is still necessary in the northern Plains for some of the roughage requirements of livestock.

CORN: Corn planting was finished with good stands reported in most areas. Silking was confined to southern areas, extending northward into North Carolina. Growth ranged from 9 inches in Michigan to 27 inches in Illinois, up to 8 inches more than last year and slightly more than the average.

SOYBEANS: Soybean seeding in the 18 major producing States reached 93% complete, 1 point ahead of both last year and the average. Growers in the east north central States pushed planting to 99%, 1 point behind last year and 2 points ahead of the average. Planting in the west north central States reached 99%, 3 points ahead of 1979 and 5 points ahead of average. Planting in the south central region was 83% complete, compared with 86% last year and the 84% average. Planting in most of the south central and southeastern States remained behind schedule due to earlier delays caused by wet soils.

COTTON: Cotton planting in the 14 major States was virtually complete, and 26% of the crop was squaring. Some fields in Texas were replanted because of wind and hail damage. In south Texas, crop growth was limited by poor moisture conditions, and wind and hail damaged some Oklahoma fields.

SMALL GRAINS: Winter wheat rated fair to mostly good except in the northern Plains and parts of Montana, where conditions remained poor to fair due to earlier dryness. Winter wheat combining was limited to southern areas; harvesting moved active as far north as Colorado, Kansas, Missouri, Kentucky, and Virginia. Harvesting in the 15 major producing States reached 11% complete, behind last year's 13%.

Spring wheat was nearly all emerged with poor stands reported in northern production areas. Some fields were plowed under in these areas and either planted to row crops or summer fallowed.

OTHER CROPS: Grain sorghum planting in the seven major producing States advanced to 93%, 1 point ahead of both last year and the average. Only Oklahoma and South Dakota lagged the average. Planting was complete in Nebraska. In Texas, some fields were planted to sorghum behind blown or hailed out cotton. Hot, dry weather in parts of Texas has stressed the crop.

Peanut planting was 88% complete in Texas, compared with 84% last year and the 82% average. Planting advanced rapidly under dry, open weather conditions.

Tobacco transplanting stayed generally on schedule. Harvesting posted 9% complete in Georgia, slightly behind normal.

FRUITS AND NUTS: Peach harvesting reached northward into North Carolina where 20% of the crop was picked slightly ahead of schedule. The Georgia peach harvest progressed to 41% complete, behind last year's 48% and the 55% average. Apple and peaches showed good condition in northern production regions where thinning operations continued.

Florida citrus groves benefited from rains late in the week. In California, Valencia oranges were 35% harvested. Growers also harvested nectarines, Freestone peaches, plums, and apricots. Almonds are sizing well, but pistachios have a light set. In Arizona, harvesting of grapefruit and Valencia oranges was winding down. New crop prospects are questionable. Abnormally high June temperatures caused heavy fruit drop. Cherry picking got underway in Idaho and Oregon.

VEGETABLES: Growers in northern production areas harvested a wider variety of vegetables. Florida vegetable shipments were down 23% from the previous week. Supplies of sweet corn, eggplant, and watermelons held steady while most other vegetables declined. A few vegetable crops remain for harvest but are declining seasonally.

PASTURE AND LIVESTOCK: Pastures rated good in all areas of the Nation except the northern Plains and parts of the Southeast where dry conditions hindered growth. Supplemental feeding is still necessary in the northern Plains for some of the roughage requirements of livestock. Hay crops in parts of Oregon and Washington are still affected by ash fallout from Mount St. Helens. Haying is continuing, but mechanical problems due to the ash are slowing progress.

Weather Data for the Week Ending June 22, 1980

| 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-hours, in. | Total, in., 2 since June 2 | Pct. normal since June 2 | Average maximum | Average minimum | Temperature °F | | Precipitation | |
| | | | | | | | | | | | | | | 90 and above | 32 and below | .01 inch or more | .50 inch or more |
| AL BIRMINGHAM | 88 | 70 | 94 | 68 | 79 | 1 | 1.1 | .1 | 1.1 | 1.1 | 41 | 84 | 51 | 2 | 0 | 3 | 1 |
| MOBILE | 93 | 72 | 95 | 68 | 82 | 1 | 1.7 | .2 | 1.4 | 1.7 | 42 | 94 | 47 | 7 | 0 | 2 | 1 |
| AK MONTGOMERY | 88 | 70 | 93 | 68 | 79 | -1 | 2.3 | 1.3 | .9 | 2.3 | 85 | 92 | 56 | 2 | 0 | 4 | 2 |
| ANCHORAGE | 57 | 46 | 65 | 44 | 51 | -4 | 1.3 | 1.0 | .4 | 1.7 | 243 | 73 | 59 | 0 | 0 | 4 | 0 |
| BARROW | 44 | 33 | 50 | 31 | 39 | 5 | T | .1 | T | .5 | 167 | 75 | 70 | 0 | 1 | 1 | 0 |
| FAIRBANKS | 62 | 47 | 71 | 42 | 54 | -6 | .4 | 0 | .2 | .4 | 36 | 78 | 53 | 0 | 0 | 4 | 0 |
| KODIAK | 58 | 43 | 61 | 40 | 51 | 1 | .8 | 0 | .8 | .8 | 27 | 87 | 67 | 0 | 0 | 2 | 0 |
| NOME | 48 | 41 | 51 | 38 | 44 | -3 | 1.7 | 1.5 | .6 | 3.5 | 700 | 87 | 77 | 0 | 0 | 7 | 1 |
| AZ FLAGSTAFF | 84 | 43 | 86 | 37 | 64 | 4 | 0 | .1 | 0 | 0 | 0 | 46 | 10 | 0 | 0 | 0 | 0 |
| PHOENIX | 107 | 77 | 109 | 70 | 92 | 6 | T | 0 | T | 0 | -- | 25 | 8 | 7 | 0 | 0 | 0 |
| TUCSON | 105 | 71 | 107 | 65 | 88 | -- | .1 | .1 | .1 | .1 | -- | 26 | 10 | 7 | 0 | 1 | 0 |
| WINSLOW | 93 | 53 | 95 | 47 | 73 | 0 | T | .1 | T | 0 | 0 | -- | -- | 6 | 0 | 0 | 0 |
| YUMA | 108 | 73 | 112 | 70 | 91 | 4 | 0 | 0 | 0 | 0 | -- | 27 | -- | 7 | 0 | 0 | 0 |
| AR FORT SMITH | 84 | 68 | 89 | 68 | 76 | -3 | 3.2 | 2.3 | 2.5 | 3.2 | 114 | 89 | 52 | 0 | 0 | 3 | 1 |
| LITTLE ROCK | 84 | 65 | 92 | 62 | 75 | -4 | .6 | .2 | .5 | .6 | 24 | 89 | 62 | 3 | 0 | 3 | 0 |
| CA BAKERSFIELD | 93 | 63 | 98 | 57 | 78 | 0 | 0 | .1 | 0 | 0 | -- | 19 | 5 | 0 | 0 | 0 | 0 |
| EUREKA | 60 | 51 | 63 | 49 | 56 | 0 | .1 | 0 | .1 | .3 | 50 | 93 | 68 | 0 | 0 | 1 | 0 |
| FRESNO | 94 | 60 | 99 | 57 | 77 | 2 | 0 | 0 | 0 | 0 | 0 | 55 | 16 | 7 | 0 | 0 | 0 |
| LOS ANGELES | 71 | 58 | 74 | 57 | 65 | -4 | 0 | 0 | 0 | 0 | -- | 92 | 59 | 0 | 0 | 0 | 0 |
| RED BLUFF | 90 | 61 | 98 | 57 | 76 | -1 | .1 | 0 | .1 | 1.2 | 400 | -- | 24 | 4 | 0 | 1 | 0 |
| SAN DIEGO | 73 | 62 | 76 | 60 | 67 | 1 | 0 | 0 | 0 | 0 | -- | 86 | 60 | 0 | 0 | 0 | 0 |
| SAN FRANCISCO | 66 | 51 | 70 | 51 | 58 | -4 | T | 0 | T | 0 | 0 | 87 | 56 | 0 | 0 | 0 | 0 |
| STOCKTON | 91 | 56 | 100 | 54 | 73 | 1 | 0 | 0 | 0 | 0 | 0 | 79 | 24 | 3 | 0 | 0 | 0 |
| CO DENVER | 84 | 57 | 90 | 53 | 70 | 3 | .1 | -.3 | .1 | .1 | 7 | 68 | 21 | 1 | 0 | 2 | 0 |
| GRAND JUNCTION | 91 | 57 | 94 | 50 | 74 | 1 | 0 | .1 | 0 | 0 | 0 | 35 | 11 | 6 | 0 | 0 | 0 |
| PUEBLO | 88 | 58 | 97 | 49 | 73 | 1 | .4 | .1 | .4 | .4 | 44 | 90 | 32 | 4 | 0 | 1 | 0 |
| CT BRIDGEPORT | 74 | 59 | 79 | 56 | 67 | -2 | T | -.6 | T | 1.4 | 78 | 80 | 43 | 0 | 0 | 0 | 0 |
| HARTFORD | 77 | 54 | 83 | 51 | 66 | -3 | T | -.8 | T | 2.2 | 92 | 83 | 33 | 0 | 0 | 0 | 0 |
| DC WASHINGTON | 81 | 62 | 88 | 56 | 71 | -4 | .1 | -.7 | .1 | 1.3 | 54 | 79 | 33 | 0 | 0 | 1 | 0 |
| FL APALACHICOLA | 87 | 71 | 89 | 66 | 79 | -2 | 1.9 | .6 | 1.3 | 2.1 | 60 | 94 | 63 | 0 | 0 | 3 | 1 |
| DAYTONA BEACH | 90 | 69 | 94 | 63 | 80 | 0 | 2.1 | .4 | 1.3 | 2.7 | 59 | 95 | 50 | 5 | 0 | 4 | 2 |
| FORT MYERS | 94 | 76 | 96 | 73 | 85 | 3 | .1 | -2.1 | T | 1.4 | 23 | 98 | 55 | 7 | 0 | 2 | 0 |
| JACKSONVILLE | 92 | 71 | 95 | 66 | 81 | 1 | 3.0 | 1.4 | 1.0 | 3.9 | 93 | 93 | 53 | 6 | 0 | 5 | 3 |
| KEY WEST | 88 | 79 | 89 | 77 | 84 | 0 | .4 | -.7 | .2 | 2.2 | 69 | 78 | 61 | 0 | 0 | 2 | 0 |
| MIAMI | 89 | 74 | 92 | 72 | 82 | 0 | 1.0 | -1.2 | .6 | 2.1 | 33 | 89 | 58 | 3 | 0 | 4 | 1 |
| ORLANDO | 91 | 71 | 94 | 66 | 81 | 0 | 2.6 | .8 | 1.3 | 3.8 | 81 | 94 | 47 | 6 | 0 | 5 | 2 |
| TALLAHASSEE | 90 | 69 | 94 | 62 | 79 | -2 | 3.5 | 1.9 | 1.2 | 3.7 | 84 | 97 | 60 | 4 | 0 | 4 | 3 |
| TAMPA | 89 | 75 | 91 | 68 | 82 | 1 | 1.9 | .2 | 1.6 | 3.7 | 84 | 92 | 61 | 3 | 0 | 4 | 1 |
| WEST PALM BEACH | 94 | 72 | 96 | 68 | 83 | 2 | 1.0 | -1.0 | .6 | 3.6 | 62 | 97 | 46 | 7 | 0 | 5 | 1 |
| GA ATLANTA | 87 | 70 | 93 | 68 | 79 | 2 | 1.0 | .1 | .9 | 1.0 | 40 | 85 | 54 | 3 | 0 | 3 | 2 |
| AUGUSTA | 88 | 68 | 96 | 66 | 78 | -1 | 2.3 | 1.4 | 1.3 | 2.3 | 92 | 82 | 48 | 0 | 0 | 2 | 1 |
| MACON | 91 | 70 | 97 | 66 | 81 | 0 | 1.6 | .7 | 1.4 | 1.6 | 62 | 86 | 51 | 4 | 0 | 2 | 1 |
| SAVANNAH | 89 | 71 | 97 | 68 | 80 | 0 | 1.4 | 0 | .9 | 1.6 | 41 | 88 | 54 | 2 | 0 | 3 | 1 |
| HI HILO | -- | -- | -- | -- | 79 | 4 | .9 | -.6 | -- | 6.7 | 146 | -- | -- | 0 | 0 | -- | -- |
| HONOLULU | 86 | 74 | 87 | 72 | 80 | 1 | T | -.1 | T | 0 | 82 | 55 | 0 | 0 | 0 | 1 | 0 |
| KAHULUI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 | -- | -- |
| LIHUE | -- | -- | -- | -- | 76 | -2 | .1 | -.3 | .1 | 2.5 | 204 | -- | -- | 0 | 0 | 1 | 0 |
| ID BOISE | 86 | 54 | 90 | 48 | 70 | 4 | 0 | -.3 | 0 | .3 | 33 | 70 | 22 | 1 | 0 | 0 | 0 |
| LEWISTON | 80 | 56 | 88 | 53 | 68 | 2 | .3 | -.1 | .3 | 1.0 | 71 | 76 | 36 | 0 | 0 | 2 | 0 |
| POCATELLO | 84 | 47 | 90 | 44 | 65 | 2 | 0 | -.3 | 0 | .8 | 80 | 86 | 25 | 1 | 0 | 0 | 0 |
| IL CAIRO | 86 | 63 | 94 | 55 | 86 | -5 | 0 | -1.0 | 0 | .2 | 6 | -- | -- | 0 | 0 | 0 | 0 |
| CHICAGO | 75 | 47 | 85 | 42 | 61 | -8 | .3 | -.7 | .3 | 2.2 | 79 | 89 | 38 | 0 | 0 | 1 | 0 |
| MOLINE | 77 | 51 | 85 | 47 | 64 | -9 | 0 | -1.1 | 0 | 3.0 | 97 | 90 | 41 | 0 | 0 | 0 | 0 |
| PEORIA | 76 | 51 | 84 | 46 | 64 | -9 | T | -.9 | T | 6.2 | 230 | 92 | 46 | 0 | 0 | 0 | 0 |
| ROCKFORD | 75 | 48 | 85 | 42 | 62 | -8 | .1 | -1.0 | .1 | 4.7 | 147 | 93 | 39 | 0 | 0 | 1 | 0 |
| SPRINGFIELD | 82 | 51 | 89 | 46 | 67 | -8 | 0 | -1.0 | 0 | .6 | 21 | 90 | 36 | 0 | 0 | 0 | 0 |
| IN EVANSVILLE | 81 | 55 | 90 | 48 | 68 | -8 | .8 | 0 | .6 | 2.1 | 84 | 85 | 39 | 1 | 0 | 2 | 1 |
| FORT WAYNE | 75 | 47 | 82 | 44 | 61 | -10 | .2 | -.7 | .1 | 1.8 | 67 | 87 | 41 | 0 | 0 | 1 | 0 |
| INDIANAPOLIS | 78 | 50 | 85 | 44 | 64 | -9 | .6 | -.4 | .6 | 2.7 | 90 | 88 | 36 | 0 | 0 | 1 | 0 |
| SOUTH BEND | 76 | 50 | 85 | 42 | 63 | -7 | .1 | -.8 | .1 | 2.3 | 88 | 77 | 37 | 0 | 0 | 1 | 0 |
| IA BURLINGTON | 76 | 55 | 83 | 49 | 65 | -- | 0 | -1.1 | 0 | 6.5 | 197 | -- | -- | 0 | 0 | 0 | 0 |
| DES MOINES | 76 | 56 | 81 | 53 | 66 | -6 | .8 | -.4 | .5 | 4.5 | 125 | 78 | 47 | 0 | 0 | 2 | 1 |
| DUBUQUE | 75 | 53 | 83 | 47 | 64 | -5 | T | -1.3 | T | 4.3 | 113 | 96 | 49 | 0 | 0 | 0 | 0 |
| SIOUX CITY | 77 | 57 | 85 | 51 | 67 | -5 | .4 | -.7 | .2 | 1.1 | 33 | 93 | 55 | 0 | 0 | 3 | 0 |
| KS CONCORDIA | 80 | 59 | 91 | 54 | 69 | -5 | 1.2 | 0 | .8 | 1.2 | 33 | 87 | 49 | 1 | 0 | 2 | 1 |
| DODGE CITY | 81 | 63 | 88 | 58 | 72 | -4 | 3.9 | 3.1 | 1.8 | 3.9 | 163 | 96 | 63 | 0 | 0 | 5 | 4 |
| GOODLAND | 81 | 57 | 87 | 51 | 69 | -2 | 1.5 | .8 | .7 | 1.9 | 90 | 92 | 48 | 0 | 0 | 5 | 2 |
| TOPEKA | 82 | 59 | 91 | 53 | 70 | -4 | .4 | -1.0 | .3 | .5 | 12 | 81 | 43 | 1 | 0 | 1 | 0 |
| WICHITA | 83 | 65 | 92 | 63 | 74 | -3 | 1.3 | .2 | .5 | 1.3 | 41 | 84 | 55 | 1 | 0 | 6 | 0 |
| KY LEXINGTON | 81 | 53 | 88 | 49 | 67 | -7 | .4 | -.6 | .2 | 1.6 | 20 | 87 | 35 | 0 | 0 | 2 | 0 |
| LOUISVILLE | 81 | 56 | 87 | 50 | 68 | -6 | 1.2 | .3 | .6 | 1.8 | 62 | 90 | 43 | 0 | 0 | 2 | 2 |

BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

Weather Data for the Week Ending June 22, 1980

| 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 June 2 | Pct. normal since June 2 | Average maximum | Average minimum | Temperature °F | | Precipitation | |
| | | | | | | | | | | | | | | 90 and above | 32 and below | .01 inch or more | .50 inch or more |
| LA BATON ROUGE | 92 | 73 | 96 | 68 | 83 | 2 | 5.1 | 4.2 | 2.9 | 5.1 | 204 | 92 | 52 | 5 | 0 | 5 | 3 |
| LA LAKE CHARLES | 91 | 73 | 93 | 69 | 82 | 0 | 1.0 | -.2 | .5 | 1.3 | 38 | 99 | 63 | 6 | 0 | 4 | 0 |
| LA NEW ORLEANS | 93 | 73 | 95 | 67 | 83 | 2 | 2.5 | 1.4 | 1.5 | 2.5 | 81 | 95 | 53 | 7 | 0 | 5 | 1 |
| LA SHREVEPORT | 93 | 74 | 97 | 71 | 83 | 2 | 2.5 | 1.8 | 1.2 | 2.6 | 108 | 92 | 52 | 6 | 0 | 4 | 3 |
| ME CARIBOU | 72 | 49 | 81 | 39 | 60 | 0 | 1.0 | .2 | .5 | 1.6 | 67 | 86 | 41 | 0 | 0 | 4 | 1 |
| ME PORTLAND | 70 | 50 | 76 | 43 | 60 | -3 | 1.4 | .7 | 1.1 | 2.5 | 114 | 87 | 51 | 0 | 0 | 2 | 1 |
| MD BALTIMORE | 79 | 55 | 87 | 52 | 67 | -6 | .2 | -.7 | .2 | 1.9 | 73 | 87 | 39 | 0 | 0 | 2 | 0 |
| MA BOSTON | 74 | 57 | 80 | 53 | 65 | -4 | .5 | -.3 | .2 | 1.3 | 54 | 81 | 50 | 0 | 0 | 1 | 0 |
| MA CHATHAM | 67 | 52 | 74 | 49 | 60 | -6 | .5 | -.3 | T | 2.1 | 88 | 90 | 66 | 0 | 0 | 1 | 0 |
| MI ALPENA | 69 | 42 | 81 | 32 | 55 | -6 | 1.3 | -.6 | 1.3 | 2.7 | 129 | -- | -- | 0 | 1 | 2 | 1 |
| MI DETROIT | 75 | 48 | 82 | 43 | 61 | -9 | .5 | -.3 | .4 | 6.3 | 263 | 94 | 43 | 0 | 0 | 1 | 0 |
| MI FLINT | 72 | 46 | 81 | 38 | 59 | -8 | .6 | -.2 | .6 | 2.2 | 92 | 85 | 41 | 0 | 0 | 1 | 1 |
| MI GRAND RAPIDS | 75 | 47 | 83 | 40 | 61 | -8 | .3 | -.5 | .3 | 3.4 | 142 | 96 | 44 | 0 | 0 | 1 | 0 |
| MI HOUGHTON LAKE | 70 | 45 | 80 | 35 | 58 | -6 | 1.5 | .7 | 1.5 | 2.7 | 113 | 97 | 49 | 0 | 0 | 2 | 1 |
| MI LANSING | 74 | 48 | 83 | 42 | 61 | -7 | .3 | -.5 | .3 | .9 | 38 | 95 | 44 | 0 | 0 | 2 | 0 |
| MI MARQUETTE | 71 | 46 | 79 | 34 | 58 | -3 | T | -.8 | T | 1.8 | 75 | 82 | 39 | 0 | 0 | 1 | 0 |
| MI MUSKOGON | 69 | 48 | 78 | 38 | 58 | -9 | .5 | -.1 | .3 | 4.2 | 233 | 86 | 48 | 0 | 0 | 2 | 0 |
| MI SAULT STE. MARIE | 69 | 41 | 80 | 30 | 55 | -5 | .1 | -.7 | .1 | 2.7 | 112 | -- | 47 | 0 | 1 | 1 | 0 |
| MN DULUTH | 73 | 45 | 81 | 35 | 59 | -2 | .4 | -.7 | .3 | .9 | 28 | 73 | 40 | 0 | 0 | 3 | 0 |
| MN INT'L FALLS | 77 | 47 | 89 | 40 | 62 | 0 | .1 | -.8 | .1 | .8 | 31 | 86 | 33 | 0 | 0 | 1 | 0 |
| MN MINNEAPOLIS | 80 | 55 | 88 | 46 | 67 | -1 | .2 | -.8 | .2 | 4.6 | 164 | 80 | 36 | 0 | 0 | 1 | 0 |
| MN ROCHESTER | 78 | 53 | 85 | 42 | 65 | -2 | .2 | -.9 | .1 | 1.6 | 48 | 86 | 44 | 0 | 0 | 2 | 0 |
| MN SAINT CLOUD | 77 | 47 | 86 | 39 | 77 | -4 | .7 | -.4 | .7 | 3.9 | 118 | 96 | 999 | 0 | 0 | 1 | 0 |
| MS JACKSON | 92 | 70 | 95 | 65 | 81 | 1 | .5 | -.3 | . | .5 | 21 | 95 | 49 | 6 | 0 | 1 | 0 |
| MS MERIDAN | 92 | 69 | 95 | 66 | 81 | 1 | .8 | -.1 | .6 | 1.6 | 64 | 98 | 51 | 6 | 0 | 2 | 1 |
| MO COLUMBIA | 82 | 58 | 88 | 53 | 70 | -5 | T | -1.1 | T | 0 | 0 | 76 | 32 | 0 | 0 | 0 | 0 |
| MO KANSAS CITY | 80 | 58 | 87 | 52 | 69 | -6 | 1.2 | -.1 | .9 | 1.2 | 31 | 82 | 44 | 0 | 0 | 1 | 0 |
| MO SAINT LOUIS | 83 | 59 | 89 | 52 | 71 | -5 | T | -1.1 | T | .5 | 16 | 86 | 37 | 0 | 0 | 1 | 0 |
| MO SPRINGFIELD | 78 | 62 | 87 | 59 | 70 | -5 | 2.4 | 1.3 | 1.7 | 3.5 | 106 | 89 | 62 | 0 | 0 | 5 | 2 |
| MT BILLINGS | 84 | 57 | 92 | 54 | 71 | 7 | .1 | -.5 | .1 | 1.5 | 79 | 75 | 29 | 1 | 0 | 2 | 0 |
| MT GLASGOW | 84 | 56 | 91 | 50 | 70 | 7 | .2 | -.5 | .1 | 1.6 | 80 | 82 | 28 | 1 | 0 | 4 | 0 |
| MT GREAT FALLS | 82 | 56 | 84 | 51 | 69 | 8 | .3 | -.5 | .3 | 2.8 | 117 | 71 | 31 | 0 | 0 | 2 | 0 |
| MT HAVRE | 87 | 53 | 92 | 50 | 70 | 7 | .2 | -.4 | .2 | .9 | 50 | 82 | 24 | 2 | 0 | 1 | 0 |
| MT HELENA | 80 | 53 | 84 | 50 | 66 | 6 | .3 | -.3 | .2 | 2.3 | 128 | 82 | 36 | 0 | 0 | 2 | 0 |
| MT KALISPELL | 78 | 48 | 81 | 40 | 63 | 5 | .2 | -.4 | .1 | 2.5 | 139 | 96 | 43 | 0 | 0 | 1 | 0 |
| MT MILES CITY | 84 | 57 | 96 | 51 | 70 | 4 | .4 | -.4 | .3 | 3.0 | 125 | 87 | 34 | 1 | 0 | 2 | 0 |
| MT MISSOULA | 80 | 52 | 84 | 46 | 66 | 6 | T | -5.0 | T | 1.7 | 28 | 93 | 40 | 0 | 0 | 0 | 0 |
| NE GRAND ISLAND | 80 | 57 | 94 | 52 | 69 | -3 | .3 | .3 | .3 | 3.4 | 155 | 92 | 47 | 1 | 0 | 1 | 0 |
| NE LINCOLN | 80 | 60 | 92 | 55 | 70 | -3 | 1.0 | -.2 | .7 | 2.5 | 69 | 87 | 54 | 1 | 0 | 2 | 1 |
| NE NORFOLK | 79 | 57 | 88 | 54 | 68 | -3 | 1.2 | 0 | .9 | 3.9 | 108 | 89 | 48 | 0 | 0 | 3 | 1 |
| NE NORTH PLATTE | 81 | 56 | 91 | 50 | 69 | -1 | .6 | -.3 | .3 | 1.6 | 59 | 86 | 44 | 2 | 0 | 3 | 0 |
| NE OMAHA | 78 | 62 | 88 | 55 | 70 | -3 | T | -1.2 | T | 7.0 | 194 | 88 | 53 | 0 | 0 | 0 | 0 |
| NE VALENTINE | 81 | 55 | 89 | 49 | 68 | -1 | 1.5 | .6 | .8 | 2.7 | 104 | 85 | 38 | 0 | 0 | 2 | 1 |
| NV ELY | 84 | 41 | 87 | 35 | 62 | 3 | 0 | -.2 | 0 | .5 | 83 | 47 | 11 | 0 | 0 | 0 | 0 |
| NV LAS VEGAS | 103 | 69 | 106 | 67 | 86 | 2 | 0 | 0 | 0 | -- | -- | 18 | 6 | 7 | 0 | 0 | 0 |
| NV RENO | 88 | 42 | 91 | 41 | 65 | 3 | 0 | -.1 | 0 | .1 | 33 | 67 | 11 | 2 | 0 | 0 | 0 |
| NV WINNEMUCCA | 90 | 45 | 93 | 42 | 67 | 4 | 0 | -.2 | 0 | .4 | 50 | 57 | 11 | 5 | 0 | 0 | 0 |
| NH CONCORD | 76 | 48 | 85 | 44 | 62 | -4 | .2 | -.6 | .1 | 1.9 | 79 | 82 | 38 | 0 | 0 | 1 | 0 |
| NJ ATLANTIC CITY | 71 | 51 | 76 | 42 | 61 | -11 | .1 | -.7 | .1 | 2.4 | 100 | 88 | 41 | 0 | 0 | 1 | 0 |
| NJ TRENTON | 77 | 58 | 85 | 54 | 67 | -5 | T | -.8 | T | 1.0 | 45 | -- | -- | 0 | 0 | 1 | 0 |
| NM ALBUQUERQUE | 97 | 61 | 101 | 57 | 79 | 3 | T | -.1 | T | 0 | 0 | 41 | 9 | 7 | 0 | 1 | 0 |
| NM ROSWELL | 99 | 70 | 104 | 65 | 85 | 7 | .2 | -.1 | .2 | .3 | 33 | -- | -- | 7 | 0 | 1 | 0 |
| NY ALBANY | 75 | 50 | 82 | 47 | 63 | -6 | .4 | -.3 | .3 | 3.0 | 143 | 87 | 39 | 0 | 0 | 2 | 0 |
| NY BINGHAMTON | 72 | 48 | 79 | 40 | 60 | -6 | .5 | -.3 | .5 | 1.8 | 75 | 91 | 44 | 0 | 0 | 1 | 0 |
| NY BUFFALO | 69 | 50 | 79 | 42 | 59 | -8 | 1.3 | .8 | 1.0 | 4.3 | 269 | 86 | 48 | 0 | 0 | 3 | 1 |
| NY NEW YORK | 75 | 61 | 83 | 59 | 68 | -5 | .7 | -.7 | T | 2.7 | 135 | 71 | 38 | 0 | 0 | 1 | 0 |
| NY ROCHESTER | 73 | 50 | 80 | 41 | 61 | -7 | .8 | -.2 | .4 | 5.6 | 311 | 83 | 51 | 0 | 0 | 3 | 0 |
| NY SYRACUSE | 74 | 51 | 82 | 43 | 63 | -6 | .6 | -.1 | .6 | 3.2 | 145 | 91 | 46 | 0 | 0 | 1 | 1 |
| NC ASHEVILLE | 79 | 62 | 87 | 56 | 71 | -1 | 1.8 | .8 | .7 | 1.8 | 67 | 90 | 58 | 0 | 0 | 4 | 2 |
| NC CHARLOTTE | 81 | 62 | 92 | 59 | 72 | -5 | .9 | 0 | .7 | .9 | 36 | 80 | 51 | 1 | 0 | 2 | 1 |
| NC GREENSBORO | 80 | 57 | 89 | 53 | 68 | -7 | .4 | -.6 | .2 | .4 | 15 | 83 | 44 | 0 | 0 | 2 | 0 |
| NC HATTERAS | 78 | 61 | 84 | 56 | 69 | -6 | 1.5 | .3 | .8 | 1.8 | 55 | 79 | 61 | 0 | 0 | 3 | 2 |
| NC RALEIGH | 85 | 61 | 94 | 55 | 73 | -3 | .4 | -.5 | .4 | .9 | 36 | 83 | 45 | 1 | 0 | 2 | 0 |
| NC WILMINGTON | 86 | 66 | 97 | 62 | 76 | -3 | .5 | -.9 | .4 | 1.0 | 27 | 80 | 50 | 3 | 0 | 2 | 0 |
| ND BISMARCK | 79 | 49 | 91 | 40 | 64 | -1 | .3 | -.6 | .3 | 1.5 | 58 | 91 | 35 | 1 | 0 | 2 | 0 |
| ND FARGO | 77 | 51 | 87 | 43 | 64 | -2 | .2 | -.6 | .2 | 2.4 | 104 | 89 | 40 | 0 | 0 | 1 | 0 |
| ND WILLISTON | 85 | 52 | 93 | 43 | 68 | .4 | .2 | -.6 | .1 | 1.5 | 65 | 87 | 30 | 4 | 0 | 3 | 0 |
| OH AKRON-CANTON | 72 | 48 | 77 | 40 | 60 | -10 | T | -.8 | T | 3.5 | 146 | 88 | 40 | 0 | 0 | 0 | 0 |
| OH CINCINNATI | 77 | 53 | 85 | 47 | 65 | -8 | .9 | 0 | .9 | 2.9 | 112 | 91 | 49 | 0 | 0 | 1 | 0 |
| OH CLEVELAND | 73 | 47 | 81 | 38 | 60 | -9 | .4 | -.4 | .4 | 2.5 | 104 | 81 | 44 | 0 | 0 | 1 | 0 |
| OH COLUMBUS | 75 | 49 | 81 | 44 | 62 | -9 | .2 | -.8 | .2 | 3.5 | 121 | 91 | 44 | 0 | 0 | 1 | 0 |
| OH DAYTON | 77 | 50 | 84 | 45 | 64 | -9 | .3 | -.6 | .3 | 3.9 | 144 | 98 | 40 | 0 | 0 | 1 | 0 |
| OH TOLEDO | 76 | 46 | 83 | 42 | 61 | -9 | .5 | -.3 | .4 | 2.3 | 96 | -- | 44 | 0 | 0 | 1 | 0 |
| OH YOUNGSTOWN | 73 | 44 | 80 | 35 | 58 | -10 | .1 | -.7 | .1 | 2.8 | 117 | 92 | 41 | 0 | 0 | 2 | 0 |

BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

Weather Data for the Week Ending June 22, 1980

| 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-hours, in. | Total, in., since June 2 | Pct. normal since June 2 | Average maximum | Average minimum | Temperature °F | | Precipitation | |
| | | | | | | | | | | | | | | 90 and above | 32 and below | .01 inch or more | .50 inch or more |
| OK OKLAHOMA CITY | 89 | 69 | 93 | 66 | 79 | 1 | 2.5 | 1.5 | 1.4 | 2.5 | 81 | 81 | 48 | 2 | 0 | 5 | 2 |
| TULSA | 85 | 69 | 90 | 65 | 77 | -1 | 5.5 | 4.4 | 4.0 | 5.5 | 162 | 85 | 61 | 2 | 0 | 4 | 3 |
| OR ASTORIA | 63 | 50 | 66 | 44 | 57 | 0 | .1 | -.5 | .1 | .5 | 28 | 92 | 66 | 0 | 0 | 2 | 0 |
| BURNS | 80 | 44 | 83 | 38 | 62 | 2 | T | -.2 | T | .5 | 62 | 88 | 24 | 0 | 0 | 0 | 0 |
| MEDFORD | 78 | 49 | 86 | 43 | 64 | -1 | .1 | -.1 | .1 | 1.2 | 171 | 88 | 35 | 0 | 0 | 2 | 0 |
| PENDLETON | 79 | 52 | 85 | 46 | 65 | -1 | .1 | -.1 | .1 | 1.0 | 125 | -- | 30 | 0 | 0 | 3 | 0 |
| PORTLAND | 71 | 55 | 80 | 50 | 63 | 0 | .1 | -.3 | .1 | 2.1 | 175 | 85 | 52 | 0 | 0 | 2 | 0 |
| SALEM | 71 | 47 | 78 | 44 | 59 | -3 | T | -.3 | T | 1.4 | 127 | 95 | 48 | 0 | 0 | 0 | 0 |
| PA ALLENTOWN | 78 | 55 | 85 | 50 | 67 | -4 | .2 | -.6 | .2 | 1.9 | 79 | 76 | 39 | 0 | 0 | 1 | 0 |
| ERIE | 68 | 47 | 79 | 38 | 58 | -9 | .2 | -.6 | .2 | 4.6 | 192 | -- | -- | 0 | 0 | 1 | 0 |
| HARRISBURG | 76 | 54 | 84 | 49 | 65 | -8 | .2 | -.5 | .2 | 1.6 | 73 | 71 | 50 | 0 | 0 | 1 | 0 |
| PHILADELPHIA | 77 | 57 | 86 | 52 | 67 | -6 | .1 | -.8 | .1 | 1.4 | 44 | 73 | 38 | 0 | 0 | 1 | 0 |
| PITTSBURGH | 76 | 51 | 85 | 44 | 64 | -6 | .1 | -.7 | .1 | 3.4 | 142 | 85 | 34 | 0 | 0 | 1 | 0 |
| SCRANTON | 74 | 51 | 82 | 42 | 62 | -7 | .1 | -.7 | .1 | 1.7 | 71 | 88 | 39 | 0 | 0 | 1 | 0 |
| RI PROVIDENCE | 73 | 52 | 79 | 49 | 62 | -6 | .2 | -.4 | .1 | 2.9 | 153 | 90 | 50 | 0 | 0 | 1 | 0 |
| SC CHARLESTON | 87 | 69 | 97 | 66 | 78 | -1 | 2.0 | -.4 | .9 | 2.0 | 48 | 89 | 60 | 1 | 0 | 3 | 2 |
| COLUMBIA | 83 | 65 | 96 | 59 | 74 | -6 | .4 | -.5 | .2 | .6 | 24 | 84 | 55 | 2 | 0 | 3 | 0 |
| GREENVILLE | 81 | 65 | 93 | 60 | 73 | -4 | .8 | -.2 | .7 | 1.1 | 38 | 86 | 55 | 1 | 0 | 3 | 1 |
| SD ABERDEEN | 79 | 54 | 84 | 46 | 66 | 0 | .3 | -.6 | -- | 2.2 | 85 | 89 | 43 | 0 | 0 | 0 | 0 |
| HURON | 82 | 53 | 91 | 46 | 67 | -1 | .9 | 0 | .9 | 3.1 | 115 | 94 | 45 | 1 | 0 | 2 | 1 |
| RAPID CITY | 77 | 54 | 84 | 48 | 65 | 0 | .7 | -.2 | .4 | 4.8 | 178 | 87 | 48 | 0 | 0 | 3 | 0 |
| SIOUX FALLS | 79 | 55 | 87 | 45 | 67 | -2 | .1 | -.9 | .1 | 1.8 | 58 | 86 | 42 | 0 | 0 | 2 | 0 |
| TN CHATTANOOGA | 83 | 62 | 90 | 59 | 73 | -5 | 1.4 | .5 | 1.3 | 1.4 | 56 | 84 | 51 | 1 | 0 | 2 | 1 |
| KNOXVILLE | 84 | 65 | 88 | 63 | 75 | -2 | 1.2 | .3 | .9 | 1.2 | 48 | 78 | 51 | 0 | 0 | 2 | 1 |
| MEMPHIS | 87 | 70 | 92 | 68 | 78 | -1 | 1.0 | .2 | .7 | 1.0 | 42 | 81 | 53 | 2 | 0 | 3 | 1 |
| NASHVILLE | 86 | 61 | 92 | 57 | 73 | -4 | .1 | -.7 | .1 | .2 | 8 | 85 | 41 | 2 | 0 | 1 | 0 |
| TX ABILENE | 97 | 73 | 102 | 69 | 85 | 4 | .7 | -.1 | .5 | 1.1 | 52 | 76 | 33 | 7 | 0 | 4 | 1 |
| AMARILLO | 90 | 63 | 94 | 57 | 76 | 1 | .4 | -.4 | .2 | 1.3 | 54 | 83 | 38 | 5 | 0 | 2 | 0 |
| AUSTIN | 96 | 75 | 99 | 72 | 86 | 3 | .3 | -.4 | .3 | .3 | 13 | 95 | 43 | 7 | 0 | 1 | 0 |
| BEAUMONT | 93 | 74 | 95 | 70 | 84 | 2 | .1 | -1.0 | .1 | .2 | 6 | 96 | 55 | 7 | 0 | 1 | 0 |
| BROWNSVILLE | 97 | 80 | 99 | 77 | 89 | 6 | 0 | -.7 | 0 | 0 | 0 | 84 | 46 | 7 | 0 | 0 | 0 |
| CORPUS CHRISTI | 95 | 75 | 96 | 72 | 85 | 2 | T | -.6 | T | 0 | 0 | 93 | 50 | 7 | 0 | 1 | 0 |
| DEL RIO | 102 | 78 | 105 | 74 | 90 | 5 | 0 | -.5 | 0 | .3 | 19 | 80 | 26 | 7 | 0 | 0 | 0 |
| EL PASO | 106 | 73 | 109 | 67 | 89 | 8 | T | -.2 | T | 0 | 0 | 24 | 10 | 7 | 0 | 0 | 0 |
| FORT WORTH | 98 | 76 | 103 | 70 | 87 | 5 | 1.3 | .6 | 1.2 | 1.3 | 57 | 84 | 39 | 7 | 0 | 2 | 1 |
| GALVESTON | 87 | 80 | 88 | 77 | 84 | 1 | .1 | -.9 | .1 | .4 | 14 | 87 | 71 | 0 | 0 | 2 | 0 |
| HOUSTON | 98 | 74 | 101 | 72 | 86 | 4 | .3 | -.8 | .2 | 1.0 | 30 | 96 | 44 | 7 | 0 | 2 | 0 |
| LUBBOCK | 96 | 70 | 99 | 67 | 83 | 4 | T | -.6 | T | 1.8 | 90 | 68 | 31 | 7 | 0 | 0 | 0 |
| MIDLAND | 99 | 68 | 102 | 64 | 83 | 3 | .2 | -.1 | .2 | 1.6 | 145 | 75 | 23 | 7 | 0 | 2 | 0 |
| SAN ANGELO | 96 | 72 | 101 | 66 | 84 | 1 | 1.4 | 1.0 | .7 | 3.1 | 221 | 80 | 37 | 7 | 0 | 4 | 1 |
| SAN ANTONIO | 97 | 76 | 100 | 70 | 87 | 4 | .5 | -.1 | .5 | .5 | 25 | 88 | 39 | 7 | 0 | 1 | 1 |
| VICTORIA | 96 | 76 | 98 | 75 | 86 | 3 | T | -.8 | T | 0 | 0 | 89 | 47 | 7 | 0 | 0 | 0 |
| WACO | 97 | 75 | 101 | 71 | 86 | 3 | .2 | -.4 | .1 | .3 | 14 | 86 | 41 | 7 | 0 | 3 | 0 |
| WICHITA FALLS | 99 | 71 | 104 | 68 | 85 | 3 | .1 | -.7 | T | .3 | 12 | 77 | 32 | 7 | 0 | 3 | 0 |
| UT BLANDING | 88 | 53 | 90 | 50 | 70 | 3 | 0 | -.1 | 0 | 0 | 0 | 43 | 12 | 1 | 0 | 0 | 0 |
| SALT LAKE CITY | 89 | 57 | 93 | 45 | 73 | 6 | 0 | -.3 | 0 | .4 | 40 | 50 | 16 | 4 | 0 | 0 | 0 |
| VT BURLINGTON | 74 | 53 | 83 | 45 | 63 | -3 | .2 | -.6 | .2 | 1.1 | 46 | 80 | 43 | 0 | 0 | 3 | 0 |
| VA LYNCHBURG | 77 | 54 | 85 | 46 | 66 | -8 | T | -.8 | T | .4 | 17 | 93 | -- | 0 | 0 | 1 | 0 |
| NORFOLK | 80 | 60 | 87 | 56 | 70 | -6 | .4 | -.5 | .4 | 1.1 | 44 | 89 | 43 | 0 | 0 | 2 | 0 |
| RICHMOND | 83 | 56 | 88 | 51 | 69 | -6 | T | -.8 | T | .3 | 13 | 89 | 39 | 0 | 0 | 0 | 0 |
| ROANOKE | 79 | 56 | 87 | 47 | 67 | -5 | .2 | -.6 | .2 | 1.3 | 54 | 81 | 52 | 0 | 0 | 1 | 0 |
| WA COLEVILLE | 78 | 52 | 82 | 47 | 65 | 3 | .3 | .3 | -- | 1.0 | 125 | -- | -- | 0 | 0 | 3 | 0 |
| OMAK | 79 | 52 | 83 | 50 | 66 | 1 | 0 | -.3 | 0 | 1.2 | 133 | -- | 52 | 0 | 0 | 2 | 0 |
| QUILLAYUTE | 63 | 49 | 67 | 46 | 56 | 0 | .1 | -.7 | .1 | 1.1 | 44 | 94 | 60 | 0 | 0 | 2 | 0 |
| SEATTLE-TACOMA | 68 | 51 | 73 | 46 | 60 | -1 | .2 | -.2 | .2 | 1.0 | 83 | 82 | 52 | 0 | 0 | 2 | 0 |
| SPOKANE | 74 | 51 | 81 | 47 | 62 | 0 | .3 | 0 | .2 | .9 | 82 | 91 | 44 | 0 | 0 | 2 | 0 |
| WALLA-WALLA | 79 | 57 | 84 | 52 | 68 | 1 | .1 | -.2 | .1 | .6 | 60 | 79 | 42 | 0 | 0 | 2 | 0 |
| YAKIMA | 81 | 53 | 85 | 48 | 67 | 2 | .1 | -.1 | .1 | .7 | 117 | 79 | 34 | 0 | 0 | 2 | 0 |
| WV BECKLEY | 73 | 49 | 80 | 42 | 61 | -8 | .4 | -.6 | .4 | 2.5 | 83 | 86 | 42 | 0 | 0 | 2 | 0 |
| CHARLESTON | 79 | 50 | 86 | 46 | 65 | -9 | .5 | -.3 | .5 | 1.8 | 82 | 82 | 42 | 0 | 0 | 1 | 1 |
| HUNTINGTON | 79 | 52 | 88 | 48 | 66 | -8 | .5 | -.3 | .5 | 1.2 | 50 | 85 | 43 | 0 | 0 | 1 | 1 |
| PARKERSBURG | 77 | 51 | 85 | 47 | 64 | -10 | .5 | -.5 | .4 | 2.7 | 96 | 91 | 35 | 0 | 0 | 2 | 0 |
| WI GREEN BAY | 73 | 49 | 84 | 39 | 61 | -5 | .7 | .1 | .5 | 3.6 | 150 | 95 | 50 | 0 | 0 | 3 | 1 |
| LA CROSSE | 80 | 58 | 89 | 47 | 69 | -1 | 1.2 | .1 | 1.2 | 3.5 | 109 | 86 | 46 | 0 | 0 | 1 | 0 |
| MADISON | 77 | 49 | 88 | 37 | 63 | -4 | .1 | -1.0 | .1 | 2.9 | 94 | 90 | 39 | 0 | 0 | 1 | 0 |
| MILWAUKEE | 71 | 48 | 85 | 43 | 60 | -6 | .1 | -.8 | .1 | 4.3 | 172 | 81 | 37 | 0 | 0 | 1 | 0 |
| WY CASPER | 83 | 47 | 90 | 40 | 65 | 2 | .1 | -.2 | .1 | .1 | 9 | 81 | 19 | 1 | 0 | 1 | 0 |
| CHEYENNE | 80 | 50 | 84 | 43 | 65 | 2 | T | -.6 | T | 0 | 0 | 78 | 27 | 0 | 0 | 1 | 0 |
| LANDER | 83 | 50 | 90 | 43 | 66 | 4 | T | -.4 | T | 0 | 0 | 67 | 19 | 1 | 0 | 0 | |
| SHERIDAN | 80 | 46 | 87 | 40 | 63 | 1 | T | -.7 | T | 1.0 | 45 | 84 | 31 | 0 | 0 | 1 | 0 |
| PR SAN JUAN | 91 | 80 | 94 | 79 | 86 | 5 | .2 | -1.1 | .1 | 0 | 0 | 86 | 60 | 6 | 0 | 2 | 0 |

BASED ON PRELIMINARY REPORTS AND 1941-70 NORMALS

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 ESCS State offices in cooperation with the National Weather Service.

ALABAMA: Rainfall, in form of showers, dropped from 3.00 in. in some areas to less than 0.50 in. others. Temperature normal.

Fieldwork: 5.1 days suitable. Soil moisture short, crops showing stress. Planting progress: Soybeans 83%, 90% 1979, 89% average, sorghum 68%, 78% 1979. Corn silked 32%, 44% 1979, 37% average. Cotton squaring 29%, 21% 1979, 29% average. Peanuts pegging 15%, 13% 1979, 20% average. Wheat harvested 82%, 70% 1979, 81% average. Hay 45% harvested. Condition: Soybeans, cotton, peanuts, sorghum, wheat, fair to good. Pasture fair. Corn poor to fair.

ALASKA: Tanana Valley was wet and cool with temperatures 7 to 10° below normal. Rainfall moderate to heavy. Seasonal rainfall on the average a little below normal. Matanuska Valley and Kenai Peninsula were wet and cool. Temperatures were 2 to 4° below normal with heavy rainfall. Seasonal rainfall above normal. Kodiak Island was generally warm and dry until week's end, moderate amounts of rain. Temperatures about 2° above normal. Seasonal rainfall above normal.

Fieldwork in Tanana and Matanuska Valleys slowed when rain fell. Warm temperatures and sunshine at week's end allowed moderate crop growth rate throughout railbelt. Haying activity virtually nonexistent. Small grain fields range 50 to 100% in boot. Heights of 2 to 10 inches. Potato growth slow. Harvest of commercial vegetables underway. Ground moisture supply adequate to surplus overall. Building of hay storage facilities, machinery repair, application of herbicides and other activities during week.

ARIZONA: Mostly sunny and dry. Precipitation limited southeast. Average temperatures 1 to 4° above normal.

Cotton planting approaching 100%, 28% stands begun squaring. Fields Yuma area blooming, setting fruit. Growth stimulated by seasonal hot weather. Pink bollworm population building up southwest, armyworms evident central area. Small grain harvest nearing completion. Sorghum late planting continues, earlier fields forming heads. Safflower continues flowering, setting seed. Harvest sugarbeets continues, approximately 35% harvested. Southwest continues 4th cutting alfalfa while other areas still on 3d cutting. Lettuce harvest complete. Dry onion, potato harvest full swing. Cantaloup, watermelon harvest active, limited. Harvest mixed vegetables, seasonal progress. Grape harvest full swing, ahead last year. Harvest grapefruit, Valencia oranges winding down, nearing completion, new prospects questionable, heavy fruit drop, recent abnormally high June temperatures. Fuel supplies adequate except southwest where diesel, gasoline supplies tight to adequate. Southern range lands poor to fair, fair to good in north. Cattle, calves mostly fair. Water shortages southern counties. North reports short to adequate stock water. Ranges providing average or less amounts feed, dry weather, grasshoppers active.

ARKANSAS: Scattered showers. Highest temperature 98°, lowest 54°. Most rainfall 8.60 in.; least, trace.

Scattered showers delayed wheat harvest, aided soybean planting, emergence. Fieldwork: 5.0 days suitable. Soil moisture adequate. Cotton good

condition, 20% squaring. Soybeans 79% planted, 81% 1979, 83% average. Rice condition good, 99% planted, 99% 1979, 100% average. Corn 95% seeded, 97% 1979, 99% average. Few fields tasseling, silking. Sorghum 91% planted, 89% 1979, 90% average. Few fields begun to head. Wheat harvest 85%, 58% 1979, 80% average. Oat harvest 95%, 75% 1979, 82% average. Early varieties peach harvest, good quality. Tomato harvest volume picking up. Fruit set on watermelons. Blueberry harvest in full swing. Livestock good condition. Hay harvest continued. Pastures average.

CALIFORNIA: Little rain, widely scattered, over northern counties; otherwise dry. Average temperatures close to normal.

Wheat, barley harvests full swing. Winter wheat 26% harvested, 45% last year. Stubble baled, burned, sheared off or disced under, replanted to corn, milo or dry beans. Sugarbeet harvest continues. Cotton 11% squaring, 69% last year. Alfalfa haying normal. Grass and grain haying at higher elevations. Fresno County seed alfalfa full bloom. Safflower in full bloom. Harvesting clean, good sized apricots. May Grand nectarines, Coronet Freestone peaches, Santa Rosa plums into volume. Perlette-grape shipments declining. Valencia oranges high quality, 35% harvested. Almonds sizing well. Pistachios light set. Central Coast walnut crop very good. Artichokes, asparagus continue to decline. Bushberry harvest active. Broccoli supplies heavy Central Coast. Cantaloup volume moderate Desert. Carrot harvest active Kern District and Salinas Valley. Celery supplies increasing Central Coast, declining South Coast. Sweet corn harvest slowing Desert, increasing South Coast. Lettuce heavy supply Central Coast. Green peppers increasing San Joaquin Valley. Spring potato volume starting to decline. Strawberry shipments slight decrease, processing volume increasing. Market tomato harvest started South Coast and San Joaquin Valley, Desert past peak. Processing tomato harvest slow Desert. Movement to summer ranges complete, except where meadows remain too wet. Sheep shearing complete on North Coast, lambs ready for shipping. Pink eye causing problems for sheepmen. Grasshopper populations high in Sierra Foothills.

COLORADO: Very warm over mountains and western slope with severe weather over portions of eastern Plains. Rainfall over 1.00 in., golf ball size hail, and tornados. Temperatures averaged 1 to 3° above normal.

Winter wheat headed 97%, 92% 1979, 98% average; turned color 31%, 30% 1979, 40% average. Corn average height 10 in., 11 in. 1979. Sorghum seeded 96%, 90% 1979, 91% average; emerged 72%, 67% 1979, 76% average. Dry beans seeded 94%, 93% 1979, 92% average; emerged 70%, 71% 1979 and average. Barley headed 42%, 22% 1979. Fieldwork: 5.0 days suitable. Soil moisture generally adequate. Livestock good condition. Fuel supplies adequate.

FLORIDA: Rainfall averaged from 2.00 to over 4.00 in. except less than 0.50 in. southwest. Temperatures were 1 to 2° below normal except slightly above normal in the south.

Soil moisture improved but continues short. Corn crop fair condition. Tobacco condition is good. Harvest gaining. Soybean planting progress-

ing slowly. Crops suffering from dry weather some areas. Some fields good condition. Peanuts fair to good condition. Hay harvest active. Sugarcane making good progress. Fuel supplies adequate. Pastures good to excellent most southern, west central coastal, and extreme western Panhandle. Severe drought some Panhandle areas; only poor to fair grazing northern Peninsula. Condition of cattle declined, mostly in drier areas. Citrus groves dry first part of week, hard rain very helpful last of week. Hot days and warm nights continued in vegetable growing areas. A few vegetable crops remain for harvest but are declining seasonally. Shipments are down 23% from previous week. Supplies sweet corn, eggplant, watermelons held steady but shipments snap beans, cabbage, carrots, celery, cucumbers, okra, parsley, peppers, potatoes, radishes, squash, tomatoes decreased. Potato volume declining rapidly Hastings area as more growers finish for the season. Watermelon harvest complete southwest. Harvest continues active some fields west central area. Most growers winding down. Volume steady north central area. Good quality melons available. Harvest very active north. Harvest getting underway Panhandle. Dry conditions have adversely affected the crop.

GEORGIA: Scattered rain, amounts ranging from 0.20 in. to as much as 3.50 in. Temperatures near normal.

Soil moisture mostly short to adequate. Fieldwork: 5.0 days suitable. Corn poor to fair, considerable stress, inadequate soil moisture and heat, 51% silked, 25% dough. Soybeans fair to good, 81% planted, last year 92%, average 91%, some stands spotty due dry weather. Peanuts fair to good, spraying for thrips, 73% blooming, last year 86%, average 81%, pegging 30%, last year 48%, average 46%. Cotton fair to good, 79% squaring, last year 91%, average 71%, setting bolls 10%, last year 31%, average 27%. Tobacco mostly fair to good, 9% harvested, last year 13%, average 15%. Sorghum 69% planted, last year 81%, average 77%. Wheat 92% harvested, same as last year, average 94%. Hay and pastures fair to good, need rain. Cattle and hogs fair to mostly good. Peaches fair to good, 41% harvested, last year 48%, average 55%. Apples fair to mostly good. Vegetables fair to good, Japanese beetle prevalent. Fuel supplies adequate.

HAWAII: Weather favorable. Showers light. Sunny periods most crop areas improving crop growth.

Spraying for insect, disease control. Vegetable supplies adequate. Most leafy crops increasing. Banana supplies light. Orchards damaged by early January storm flowering and fruiting. Papayas: Rains beneficial. Ending of current flush. Will be approaching declining stage in few weeks. Pineapple harvesting getting heavier. Sugar harvesting active. Pastures generally fair to good. Rains beneficial.

IDAHO: Temperatures warmed. Extremes: 96 and 32°. Precipitation heaviest in north with 0.33 to 0.50 in. Elsewhere light showers.

Winter wheat 100% boot, 65% headed. Spring wheat 45% boot, 25% headed. Spring barley 50% boot, 25% headed. Potatoes 85% emerged, 95% 1979, 85% average. Dry beans 70% emerged, 95% 1979. Warm weather helped reduce yellowing on dry beans and field corn. Sugarbeets 95% blocked and thinned. First cutting alfalfa hay 45% completed. Beginning cherry picking. Some rust and leaf stripe fungus in winter wheat. Ranges and cattle good to excellent. Fieldwork: 6.0 days suitable.

ILLINOIS: Temperatures 9° below normal north, 4 to 8° below south. Precipitation 0.25 northeast and east, up to 1.00 south and southeast, none other areas.

Soil moisture short to adequate. Corn condition good. Average height 27 in., 20 in. 1979, 26 in. average; most advanced 40 in., 31 in. 1979, 39 in. average. Soybean condition good to fair. Winter wheat good; 95% turning yellow, 90% 1979, 87% average; 25% ripe, 25% 1979, 52% average. Oats good; 80% headed, 78% 1979, 82% average; 40% filled, 40% 1979, 49% average. Alfalfa good; 94% first crop cut, 96% 1979, 92% average. Red clover good; 80% cut, 81% 1979, 83% average. Pastures good. Fieldwork: 5.8 days suitable.

INDIANA: Cool, dry week. Temperatures averaged 6° below normal. Extremes: 37 and 90°. Rainfall 0.30 in. north and central, only 0.10 in. most of south. Sunshine 87% of possible. Some wind blown soils.

Fieldwork: 5.0 days suitable. Topsoil and subsoil moisture adequate. Corn stands fair to mostly good. Corn 20 in. high, 1979 12 in., average 20 in. Soybean stands fair to good. Some chemical damage to soybeans. Wheat good condition. Wheat 5% ripe, average 50%. Wheat 55% turning color. Oats 70% headed, 1979 55%, average 80%. Alfalfa hay 90% cut first time, 1979 90%, average 85%. Pasture condition good.

IOWA: Cool with spotty thundershowers and some damaging storms. Temperatures varied from 40 to 92°.

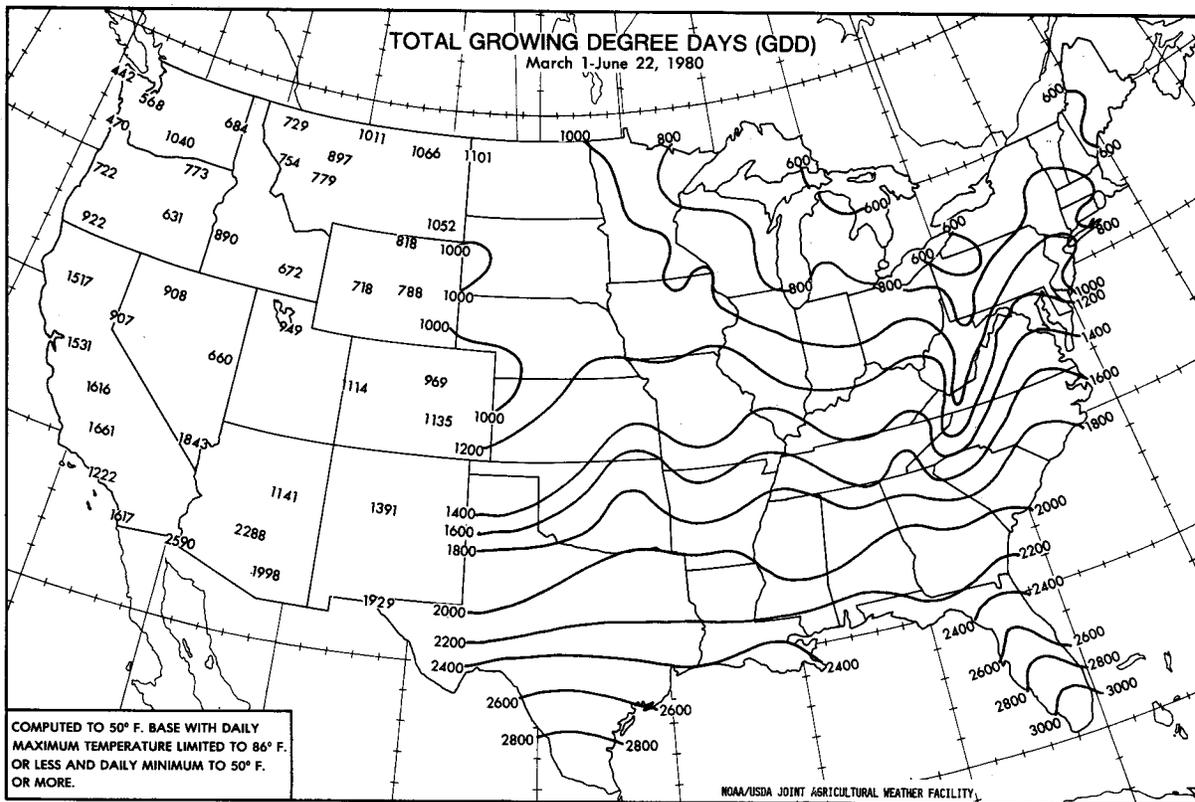
Fieldwork: 4.3 days suitable. Corn stand: 92% of normal, last year 95%. Height of corn: Average of all corn 23 in.; average of tallest corn 33 in. Soybean acreage planted: 100%, 1979 100%, normal 100%. Soybean stand: 89% of normal, last year 89%. First crop alfalfa hay harvest: 92%, 1979 86%, normal 88%. First crop clover hay harvested: 64%, 1979 46%, normal 55%. Topsoil moisture: 4% short, 72% adequate, 24% surplus. Subsoil moisture: 3% short, 85% adequate, 12% surplus. Crop conditions: Regressed, still good, except oats fair to good. Scattered wind and hail damage to corn and soybeans. Livestock in good condition. Market movement increased.

KANSAS: Warm with showers. Totals of 2.00 in. to over 4.00 in. west central to extreme south portion of central and portions of the extreme east. Variable moisture northeast and extreme southwest averaging 0.50 in. Temperatures ranged 70° northwest to 74° south central or 1° above normal northwest to 3° below normal southwest and east central.

Wheat headed 100%, last year 100%, average 100%; turning 80%, 75% last year, 90% average; ripe 20%, 10% year ago, 45% average; harvested 1%, 1% 1979, 15% average. Soybeans planted 85%, 80% last year, 75% average. Sorghum planted 85%, same as previous year and average. Alfalfa second cutting 15%, 15% year ago, 25% average. Moderate to severe cinch bug and grasshoppers reported in several districts.

KENTUCKY: Unseasonably cool and dry weather. Temperatures averaged 4 to 6° below normal and rainfall amounts 0.50 in.

Soil moisture short. Dry soil beginning to stress crops. Fieldwork: 5.5 days suitable. Height corn 26 in., about average but ahead last year. Tobacco mostly set, some resetting. About 66% tobacco 6 in. or less, only a few fields foot or higher. Soybeans 88% planted, last year and average 82%. Soybean average remaining to be planted primarily double crop wheat acres. Wheat



harvest 33% completed. Barley harvest virtually finished. Pastures mostly good but declining. General rain needed for all crops.

LOUISIANA: Rain from 0.70 in. southwest to 2.60 in. northwest. Temperatures normal to 2° above.

Soil moisture short. Fieldwork: 5.6 days suitable. Corn fair, silked 48%, 75% 1979, dough 25%. Cotton fair, 20% squaring, 30% 1979. Rice condition fair to good, 18% headed. Sorghum planted 88%, emerged 80%, condition fair. Soybean planting 85%, 94% 1979, 87% average, emergence 75%, condition fair. Sugarcane fair to good. Small grain harvest virtually complete. Pastures rated fair. Livestock fair to good. Vegetables fair condition.

MARYLAND & DELAWARE: Temperatures averaged 6° below normal. Precipitation averaged 0.25 to 0.50 in.

Corn good condition. Tobacco 90% harvested. Barley over 50% harvested. Fruit crop good condition. Fieldwork: 5.8 days suitable.

MICHIGAN: Temperatures averaged 6 to 11° below normal over the lower Peninsula; 5° below normal over the upper Peninsula. Freezing or near freezing temperatures occurred over eastern Upper and northern Lower on 16th. Precipitation averaged 0.50 in. Upper, 1.00 in. northern Lower and less than 0.50 in. southern Lower.

Cold temperatures slowing crop growth. Soybeans 92% seeded, 98% last year, 96% normal. Dry beans 80% planted, 88% last year, 81% normal. Hay 45% first cut, 66% last year, 57% normal. Wheat 92% headed, 93% last year, 97% normal. Oats 7% headed, 21% last year, 28% normal. Corn 9 in. high, 10 last year, 13 normal. Asparagus harvest virtually complete. Strawberries 20% picked, 30%

last year, 46% normal. Warm weather needed to boost crop growth.

MINNESOTA: Temperatures averaged near normal except locally in central district up to 4° below normal. Extremes: 91 and 34°. Precipitation averaged 0.50 to 1.00 in. below normal.

Hail in northwest further destroyed drought stricken crops. Farmers plowed and destroyed many fields of small grains. Some reseeded to other crops while others summer fallowed. Uneven stands throughout area. Growth made rapid progress. Jointing: Spring wheat 89%, 1979 19%, normal 61%; oats 86%, 1979 31%, normal 67%; barley 93%, 1979 13%, normal 59%. Heading: Rye 97%, 1979 70%, normal 86%; winter wheat 94%, 1979 61%, normal 80%; spring wheat 45%, 1979 1%, normal 32%; oats 41%, 1979 3%, normal 39%; barley 52%, 1979 0%, normal 33%. Turning ripe: Rye 11%, 1979 0%, normal 16%; winter wheat 6%, normal 17%. First cutting alfalfa hay 72%, 1979 41%, normal 64%.

MISSISSIPPI: Temperatures ranged from slightly below normal to 7° above normal. Extremes: 60 and 98°. Scattered rains.

Soil moisture mostly short. Fieldwork: 5.3 days suitable. Scattered rains brought relief to some farmers allowing planting to continue. Other areas are dry and need rain badly. Hay 40% harvested, 36% 1979, 34% average. Peaches 21% harvested, 15% 1979, 22% average; fair to good condition. Sorghum 82% planted, 87% 1979, 80% average. Sweetpotatoes 88% planted, 93% 1979, 86% average. Soybeans 83% planted, 87% 1979, 83% average; 66% up to stand, 65% 1979, 66% average; fair to good condition. Corn 30% silked, 44% 1979; 8% dough stage, 11% 1979; fair to good condition. Cotton 29% squaring, 44% 1979, 36% average; 1% blooming, 2% 1979; fair to good condition. What 86% harvest-

ed, 88% 1979, 82% average. Rice good to fair condition. Pastures fair to good condition.

MISSOURI: Temperatures 2 to 6° below normal. Rainfall averaged over 1.00 in. west Ozarks, 0.50 in. east Ozarks and less than 0.25 in. elsewhere.

Fieldwork: 3.9 days suitable. Grain sorghum 86% planted, last year 59%, normal 87%. Wheat 90% turning color, last year 91%, normal 95%. Wheat 15% harvested, last year 16%. Alfalfa hay first cutting 98% harvested, last year 92%, normal 90%. Alfalfa hay 2nd cutting 16% harvested, last year 15%, normal 16%. Condition of winter wheat and corn mostly fair to good. Condition of pasture poor to fair. Topsoil moisture supply short.

MONTANA: Temperatures very warm after cool start first of week. Temperatures averaged mostly 3 to 6° above normal. Extremes: 91 and 30°. Precipitation varied greatly. South receiving heaviest precipitation, while north received little or no rainfall.

Moisture supplies adequate to surplus west, adequate central, and short, extreme east. Fieldwork: 5.0 days suitable. Condition of winter wheat, spring wheat, oats, barley, corn, and sugarbeets, fair to good. Winter wheat 80% headed, 5% turning. Spring wheat 30% headed. Barley 20% headed. Oats 20% headed. Potatoes good to excellent. Sugarbeets thinned 70%. Alfalfa hay, first cutting, 20% cut, wild hay 5% down. Range feed supplies very short in the east, adequate in west.

NEBRASKA: Precipitation heaviest in Panhandle and southwest, totaled 2.00 to 2.50 in. Temperatures 3 to 4° below normal northeast to 4° above normal west.

Winter wheat mostly good, 65% turning color; 36% last year; 65% normal. Corn mostly good. Cultivating and preparing for irrigation. Sorghum and soybean emergence practically completed; same as last year. Alfalfa first cutting 90% complete; same as last year. Topsoil moisture mostly short to adequate. Subsoil moisture mostly adequate. Range and pasture supplies mostly adequate. Fieldwork: 5.5 days suitable.

NEVADA: Due to cool nights, temperatures averaged only few degrees above normal. Extremes: 33 and 106°. Few afternoon thunderstorms.

Small grains responding to warmer weather. Alfalfa hay harvest gaining momentum, moving farther north. Summer ranges providing excellent grazing.

NEW ENGLAND: Temperatures 5 to 10° below normal. Light rains north and west. Weekend brought 0.50 to 0.70 in. north and 0.10 to 0.30 in. south.

Fieldwork: 6.0 days suitable. Over 50% of 1st crop hay cut. Cool weather holding back growth of corn, fruits and warm weather vegetables. Potato plant emergence is 7 to 10 days delayed in Aroostook County, Maine due to the dryness. Cranberry crop prospects continue good. Strawberry harvest beginning. Insect problems reported in some vegetable patches and southern cornfields. Soil moisture, pasture conditions short to very short in Maine and adequate elsewhere.

NEW JERSEY: Temperatures averaged 6 to 9° below normal. Extremes: 42 and 86°. Little or no rainfall.

Estimated soil moisture in percent of field capacity averaged: 76 north, 51 central and 78 south. Four in. soil temperature averaged: 66° north, 69° central and 71° south. Fieldwork: 5.7 days suitable. Warm winds have dried top soils. A good soaking rain would be beneficial.

Summer vegetable harvest begun. Cucumbers, snap beans, peppers and squash moving to market. Blueberry harvest underway. Light strawberry harvest continues. Wheat ripening, barley combining active. Hay making progressing well. Field corn and soybeans growing nicely. Soybean planting continues as barley is harvested.

NEW MEXICO: Hot and dry with some widely scattered showers.

Soil moisture remains short. Haying, irrigating, harvest of wheat, barley and onions in progress. Generally crops in good condition. Irrigated grain sorghum 95% planted, dryland 70%. Cotton crop about 35% squared. Thrips moving from recently cut alfalfa fields into chile fields in Dona Ana County. Damage to chile foliage some fields severe. Pecan aphids in untreated orchards Dona Ana County. Livestock good condition. Some early lambs moving to market. Ranges dry, mostly fair condition. Grasshoppers remain problem on eastern and central ranges.

NEW YORK: Light rainfall. Cool average temperatures, frost in some areas.

Corn, most crops, in need of warm temperatures. Dry bean planting 70% complete. First cutting alfalfa 57% done, 61% 1979, 58% average. Clover-Timothy 37% harvested, 45% 1979, 41% average. Grass silage 68% cut, 67% 1979, 66% average. Upstate strawberry picking underway. Potato planting nearly done. Peach condition excellent, apple condition good. Sweet cherry development slightly behind normal. Thinning operations continued in peach, apple orchards.

NORTH CAROLINA: Temperatures near normal to 4° below normal. Precipitation trace to 2.50 in.

Fieldwork: 5.2 days suitable. Soil moisture: 15% very short, 43% short, 39% adequate, 3% surplus. Conditions: Pastures, field tobacco, peanuts, soybeans, Irish potatoes fair to good; cotton, hay, sweetpotatoes, apples, peaches mostly good; corn mostly fair to good. Plantings: Sweet potatoes 92%, 1979 90%, average 91%; soybeans 83%, 1979 83%, average 87%. Harvested: Irish potatoes 23%, 1979 38%, average 38%; wheat 74%, 1979 45%, average 56%; oats 84%, 1979 56%, average 66%; barley 92%, 1979 69%, average 72%; rye 80%, 1979 64%, average 66%; peaches 20%, 1979 14%, average 19%; hay 58%, 1979 53%, average 56%. Phenological stages: Cotton 12% squared, corn 18% silked.

NORTH DAKOTA: A relatively quiet week for thunderstorms. Storms widely scattered and only a few reports of damage. Precipitation light and hardly beneficial. Temperatures averaged 1 to 3° above normal. Extremes: 36 and 94°.

Crops, pastures deteriorated from above normal temperatures and light rainfall. Soil moisture short. Subsoil moisture short. Planting almost complete with sunflower 97% planted and flax 91% planted. Condition of small grain deteriorated, mostly poor to fair. Development continues ahead of normal with 41 to 55% of small grain in boot or beyond compared to the average of 21 to 37%. Hard red spring wheat 25% headed or beyond compared to none at this time last year and 10% normal. Percentage of current crop jointing and beyond compared to last year and average is: Spring wheat 81, 35, 70; durum 75, 27, 55; barley 80, 37, 66; and oats 80, 37, 6. Pasture growth suffered some setback and is rated fair to poor. Haying started and is 21% complete for first cuttings of alfalfa and 7% for wild hay.

OHIO: Temperatures 4 to 7° below seasonal levels. Precipitation averaging 0.25 to 1.00 in. Overall

drying conditions good. Small grain development late. Soybean seeding about finished. Many drowned out spots in corn and soybeans not re-planted. Cucumber replanting continued; cool, wet reduced germination. Tart cherry harvest started. Strawberry harvest ending.

Soybean planting 98%, 100% 1979, 100% average. Winter wheat turning 50%, 60% 1979, 65% average. Oats headed 50%, 60% 1979, 75% average. Alfalfa hay cut 88%, 90% 1979, 90% average. Other hay cut 62%, 65% 1979, 70% average. Corn height 18 in., 19 in. 1979, 20 in. average. Soybean height 7 in., 7 in. 1979, 7 in. average. Fieldwork: 4.7 days suitable. Pasture condition good. Soil moisture adequate to surplus.

OKLAHOMA: Temperatures 3 to 4° below normal north while south averaged 3° above normal. Precipitation 0.05 in. southwest to 4.50 in. southeast, with localized heavy rains.

Rains slowed wheat harvest. Heavy rains, high winds north central damaged wheat. Over 65% crop harvested south central, southwest districts and over 25% west central, central districts. Rains beneficial corn and sorghum. Wind, hail damage cotton, peanuts. Wheat harvested 25%, 40% 1979, 60% average. Sorghum 85% planted, 90% 1979 and average. Cotton squaring less than 5%, 5% 1979 and average. Fieldwork: 4.6 days suitable.

OREGON: Temperatures averaged near or slightly below normal. Precipitation 0.03 to 0.73 in. along coast, 0.05 to 0.90 in. western valleys and zero to 0.70 in. east.

Soil moisture mostly adequate. Winter wheat good, 97% headed; 95% 1979; 17% turning color; 28% 1979. Haying operations continuing, some mechanical problems created by volcanic ash deposit. Sweet cherry harvest beginning. Fruit thinning continuing. Strawberries good; some loss to ash reported. Effect of ash on canberries uncertain. Ash damage reported on corn, beans and especially cucumbers. Livestock, range and pasture condition good to excellent.

PENNSYLVANIA: Fair, unseasonably cool, breezy and mostly dry. Temperatures 4 to 8° below normal. Extremes: 29 and 86°. Few showers, thunderstorms provided 0.25 in. or less rainfall.

Fieldwork: 6.0 days suitable. Soil moisture mostly adequate. Average height for corn is 10 in., last year 13 in. Tobacco 78% transplanted, last year 87%. Soybeans 92% planted, last year 91%. Barley 40% headed, 54% turning yellow, 5% ripe with traces of yellow and 20% ripe. Wheat 79% headed and 14% turning yellow, last year 62% headed and 15% turning yellow. Oats 34% headed, last year 43%. First cutting alfalfa 73%, last year 72%. Clo-Tim 57% harvested, last year 56%. Hay conditions mostly good to fair. Feed from pasture mostly average to above average.

PUERTO RICO: Island average rainfall 0.55 in. or 0.83 in. below normal. Highest weekly total 2.94 in. Temperatures averaged 83° on coasts and 76 to 78° interior. Extremes: 54 and 95°.

SOUTH CAROLINA: Temperatures averaged above normal first part of period, below normal mid-week. Greatest rainfall 1.80 in.

Corn rated poor to fair. Cotton rated fair to good, some thrip sprayed. Soybean planting 84%, 91% last year and 89% average. Planting picked up due to soil moisture improvement. Tobacco fair to good condition. Irrigation active. Peach harvest 11%, 18%, 24% average. Condition fair to good, fruit size decreased.

Apple condition good. Small grains fair to good condition, percent harvested, wheat 84%, 82% last year, 83% average; oats 85%, 84% last year, 88% average. Tomatoes in good to excellent condition, 30% harvested, 31% last year. Snap beans, 83% harvested, 78% last year. All cucumbers, 84% harvested, 94% last year.

SOUTH DAKOTA: Temperatures normal. Extremes: 96 to 36°. Scattered rainfall all areas.

Topsoil moisture adequate in most of northeast, extreme southwest, south central and extreme east central; short elsewhere. Fieldwork: 5.0 days suitable. Small grains poor condition and uneven stands; some plowed under and planted to row crops and sudan. Ranges poor, water short, some grasshopper problems. Livestock good, some supplemental feeding continued. Alfalfa regrowth slow. Sorghum 92% planted, 1979 100%, average 96%. Sunflowers 94% planted, 1979 100%, average 96%. Oats headed 79%, 1979 31%, average 54%. Spring wheat headed 75%, 1979 20%, average 42%. Barley headed 82%, 1979 27%, average 53%.

TENNESSEE: Scattered showers. Amounts light. Temperatures averaged slightly below normal.

Fieldwork: 5.6 days suitable. Soil moisture short. Corn good; needs rain. Cotton 25% squaring, 1979 15%, average 19%. Soybeans 85% planted, 1979 85%, average 80%. Tobacco 95% transplanted, 1979 96%, average 96%. Wheat 95% ripe, 1979 100%, average 95%. Wheat 50% harvested, 1979 51%, average 48%. Oats 90% ripe, 1979 99%, average 95%. Oats 35% harvested, 1979 35%, average 35%. Barley 95% ripe, 1979 100%, average 91%. Barley 40% harvested, 1979 54%, average 50%. Pastures fair; growth slow. Alfalfa second cut 65% complete.

TEXAS: Weather: Average temperatures 3 to 4° above normal North, West, and South. Near normal Panhandle. Precipitation 0.50 in. below normal extreme South, North 0.50 to 0.75 inches above normal Southwest; Northwest; normal elsewhere.

Range and Livestock: Ranges, pastures continue to provide adequate forage most areas. Livestock in generally good condition, making fast gains. With continued hot temperatures, growth of new forage slowed.

Commercial Vegetables: In Lower Rio Grande Valley, movement of vegetables continued with light volume. Cantaloups, watermelons, honeydew melons, tomatoes being harvested, however remaining supplies are small. Land preparation for fall planting continued. Watermelon harvest continued Coastal Bend area. In the San Antonio-Winter Garden area, harvest of watermelons, cucumbers, tomatoes and peppers continued. In Central, light supplies of tomatoes, cucumbers, peppers, okra, squash, beets available. Hot, dry weather and blight damaged some tomatoes. In East, planting of sweetpotatoes, watermelons neared completion. Most areas need rain. Some damage from insect, disease present. In North, harvest of greens, squash, cucumbers, beans, onions continued. Most vegetables need water. In Trans-Pecos area, onion harvest continued. Some harvest of cabbage continued at El Paso. On High Plains, onions, potatoes and peppers making good growth. Peach harvest continued. Pecan nutlets continued to develop. Damage from casebearer varied. Spraying continued for insects and zinc application.

Crops: Cotton planting full swing. Some fields Southern High Plains replanted due to

hail, wind damage. Scattered Low Plains also received hail damage. South Texas, along Coast, crop growth was limited by poor moisture conditions. Boll weevil population increased from Coastal Bend to Lower Valley. Wheat harvest progressed rapidly. Harvesting operations pushed northward with dry, open weather: active throughout Panhandle. Blacklands farmers plowing under stubble on harvested fields. Sorghum planting full swing High Plains; some fields planted behind blow or hailed-out cotton. Hot, dry weather Low Plains to South Texas moisture-stress crop; dryland yields hurt if moisture not received soon. Farmers Central Texas continuing control measures for greenbugs, midge. Harvest underway soon. South Texas Some corn fields northern High Plains hail damage last week; replanted. Soybean fields South Texas, along Coast need relief from dry conditions; moisture stress producing very uneven stands. Oat harvest good progress. Barley fields good progress northern High Plains. Sunflower planting increased High Plains; early fields beginning bud out. Peanut planting rapid progress dry, open weather. Central Texas, Cross-Timbers good stand. Dry conditions moisture-stressed second cutting Hay South Texas, Edwards Plateau. Fields respond adequate moisture Plains region. Trans-Pecos, alfalfa progressing well.

Cotton planted 99%, 98% 1979, 98% average. Cotton squaring 20%, 19% 1979. Cotton setting bolls 13%, 10% 1979. Sorghum planted 98%, 96% 1979, 97% average. Sorghum headed 52%, 47% 1979. Sorghum turning color 24%, 24% 1979. Wheat turning color 87%, 100% 1979. Wheat harvested for grain 46%, 46% 1979, 54% average. Peanuts planted 88%, 84% 1979, 82% average. Soybeans planted 93%, 80% 1979, 85% average. Sunflowers planted 84%, 75% 1979, 72% average.

UTAH: Fair and mild weather with virtually no precipitation. Average temperatures ranged 4° below normal to 3° above.

Soil moisture most range and dry land areas beginning to show effects of nearly three weeks without appreciable moisture. Hay making weather excellent. Fieldwork: 7.0 days suitable. First crop alfalfa 80% harvested. Winter wheat 80% head stage, barley 48%, spring wheat and oats 45%. Mostly good conditions. Some weed growth small grains. Average corn height only six inches.

VIRGINIA: Clear, cool with temperatures averaging below normal. Scattered light precipitation from showers and thunderstorms.

Dry conditions continue to concern farmers. Topsoil moisture short. Fieldwork: 5.9 days suitable. Soybeans 80% seeded, 70% 1979. Tobacco growth slowed. Small grain harvesting: Wheat 27%, 25% 1979, 30% average; barley 65%, 60% 1979, 84% average; oats 20%, 15% 1979, 32% average. Moisture stress evident most in corn. Cultivation continues for corn and soybeans. Farm fuel supplies adequate. Pasture, crop conditions good, except peanuts excellent, both need rain.

WASHINGTON: West: Temperatures averaged near to 3° below normal. Precipitation averaged near normal except 0.10 in. below coastal area and 0.40 in. above San Juans. Lettuce

and other early vegetables harvested. Strawberry picking intensified. Raspberry picking to begin soon. Spraying for aphids on green peas. Dairymen continued green chopping, and grasses showed good growth. Hay crop in Cowlitz County still affected by ashfall. Range and pasture fields adequate. East:

Temperatures averaged 1 to 3° below normal. Precipitation averaged near normal. Fungus stripe in winter wheat is a problem. Spring grains in good condition. Peas and lentils still hurt by ashfall. Cherries were picked with increased splitting being reported. Apple thinning. Harvest of green peas started. Hay was cut as weather permitted. Hay supplies are short to adequate. Wheat headed 92%, 1979 84%.

WEST VIRGINIA: Temperatures below normal. Extremes: 92 and 33°. Precipitation above normal except in northeast and southwest.

Soil moisture adequate. Fieldwork: 4.5 days suitable. Wheat good to fair, 10% pre-headed, 80% headed, 10% ripe; 4%, 88%, respectively in 1979. Barley good to fair, 1% preheaded, 65% headed; 31% ripe; 3% harvested; 1%, 75%, 16%, 8% respectively in 1979. Oats good to fair, 58% pre-headed, 40% headed, 2% ripe; 56%, 40%, 3%, 1% harvested, respectively in 1979. Corn good to fair, 97% planted, 94% emerged. Hay good to fair, 55% 1st cutting, 3% 2nd cutting. Pastures good. Tobacco 73% set. Fruit fair to good. Cool nights continue to delay crops.

WISCONSIN: Temperatures 4° below normal. Frost northern and central areas 16th. Extremes: 93 and 27°. Scattered showers and thunderstorms. Rainfall heaviest northeast at more than 2.00 in., lightest south where less than 0.25 in.

Fieldwork: 5.0 days suitable. Corn growth slowed by cool nights and frosts. Corn average height 15 in., 1979 11 in., normal 13 in. Variable stands of corn, some excellent and others uneven due to dry weather after planting. Severe erosion some fields from heavy rains early June. Heavy rains also hurt some soybean fields. Harvesting of first crop hay 62% completed, 1979 50%, normal 45%. Many farmers finished with first crop because of favorable haying weather. Second crop hay coming good. Oats 15% headed, 1979 10%, normal 20%. Oats heading on short straw, some stands uneven due to dry weather. Winter wheat headed. Pasture condition near normal but below a year ago. Pea harvest underway. Strawberry crop being picked. Tobacco transplanting making progress. Topsoil moisture mostly adequate to surplus, south could use more rain. Fuel supplies adequate to surplus.

WYOMING: Temperatures 2° above normal. Extremes: 80 and 30°. Precipitation below normal.

Fieldwork: 6.0 days suitable. Fuel supplies adequate. Topsoil moisture declining, short most areas. Crops fair to good condition. Planting of dry beans 94% complete. Acreage emerged: Dry beans 74%; potatoes 66%; corn 90%. Acreage headed: Winter wheat 72%; barley 20%; oats 16%. Sugarbeets thinned 92%. Livestock contracted for fall: Cattle 3%; calves 8%; lambs 5%.

International Weather and Crop Summary

June 16 - 22, 1980

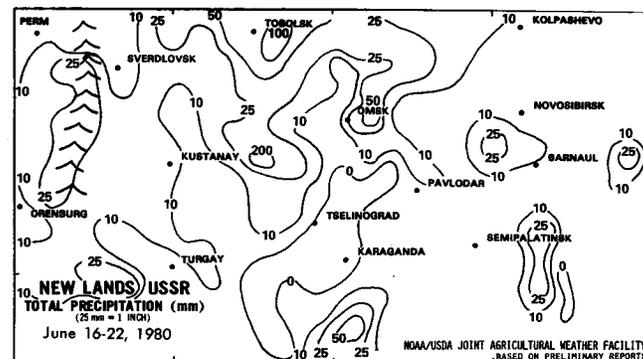
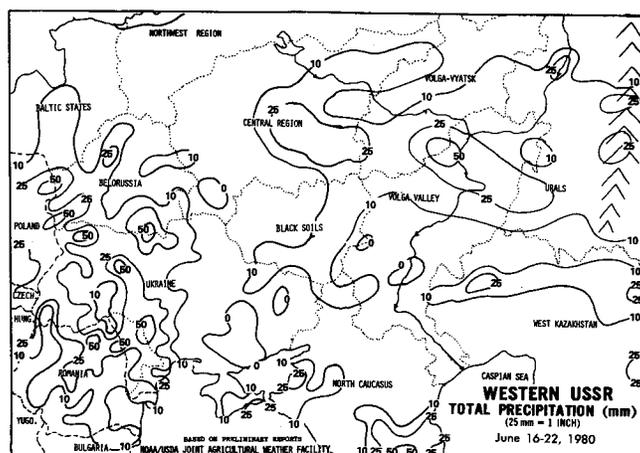
HIGHLIGHTS:

- USSR:** Winter grain heading...favorable dry weather in eastern half. Spring grains emerged...rain in upper Volga Valley; dry pockets in New Lands.
- EUROPE:** Winter grain harvest beginning in the South*...favorable weather.
- CHINA:** Harvesting winter grains...unfavorable wet weather hurting grain quality. Double-crop rice turning color*...continued relatively dry weather.
- INDIA:** Planting season in progress...good rains in most areas.
- THAILAND:** Dry-season rice heading in Central Plain*...rainfall near normal.
- AUSTRALIA:** Winter grain sowing nearly completed*...beneficial rain in the West.
- ARGENTINA:** Soybean harvest nearing completion...fair weather. Sowing winter grains*...soil moisture good.
- BRAZIL:** Sowing winter wheat*...soil moisture adequate.
- MEXICO:** Soybeans in vegetative stage in Northwest...irrigation water outlook improved by rains in mountains.
- CANADA:** Spring grains mostly in vegetative stage...conditions much too dry in eastern two-thirds.

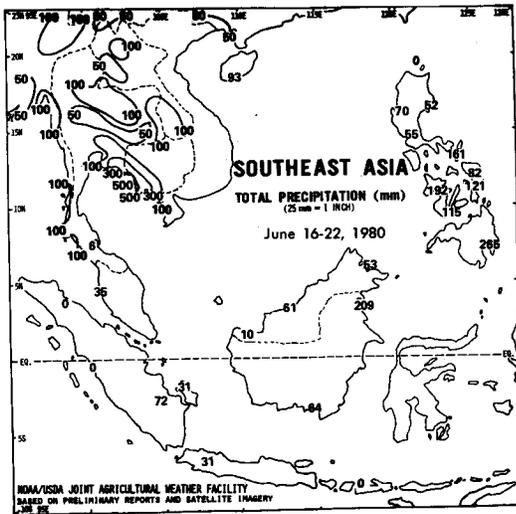
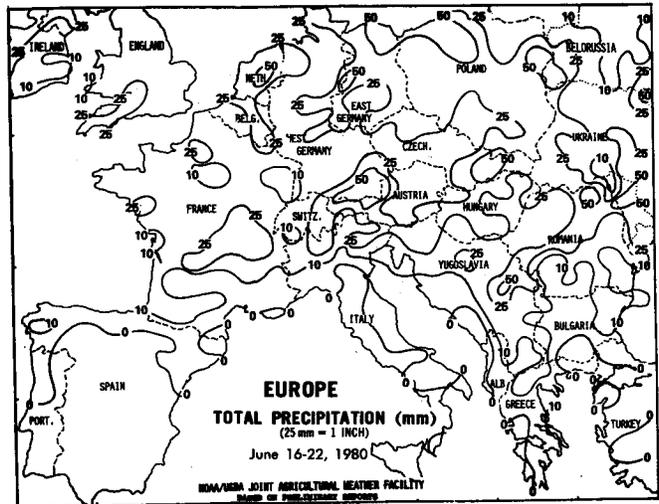
*Based on normal crop calendar information.

USSR. The weather cleared over the eastern half of the winter grain belt as high pressure dominated much of European USSR for most of the week. The change represented a substantial improvement in conditions, with winter grains well into heading over much of the area and nearing maturity in the south. Heavy rains were held to the west where soils have not been so excessively wet in recent weeks, but the wetness was not beneficial to maturing winter grains in Moldavia and the vicinity. Temperatures again dipped slightly below normal over most of European USSR, giving spring-planted crops no chance to catch up. Showers and thunderstorms in the northwest dropped beneficial, above-normal rainfall across the upper Volga Valley, where dry soils at some locations had inhibited spring grain development.

Much of the western New Lands received above-normal rains as a frontal system drifted slowly to the east. Amounts in excess of 20 mm were common, and kept soils adequately moist for spring grain growth. Rainfall to the east remained scattered, and hot, dry air intruded into southeastern portions of the area in advance of the front. The unfavorable dryness persisted only briefly, but it may have hurt spring grains in areas where soil moisture was in short supply.

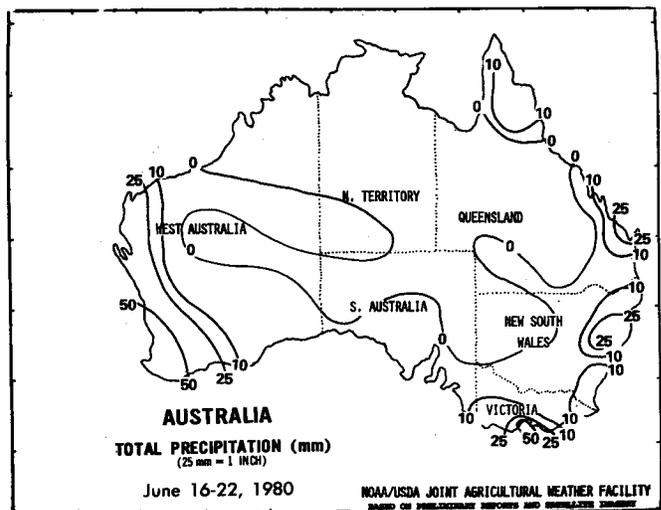


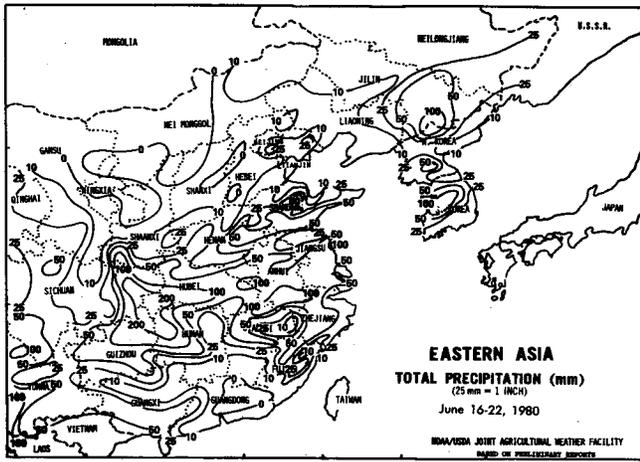
EUROPE. Conditions returned to near normal in the Mediterranean countries as rainfall slackened, allowing harvest of winter grains to continue. Most central and northern areas received above-normal rainfall. Some localized areas continued to be a little too wet after this second consecutive wet week, but for the most part, soil moisture was quite good as winter grains moved through the heading stage. Temperatures stayed on the cool side of normal in all countries, and although this posed no problem in the west, it further delayed crop development in the eastern countries, where concern was already running quite high.



SOUTHEAST ASIA. Heavy showers continued throughout the region during the week, producing seasonal rainfall amounts. Crop development, associated with the progress of the rainy season, should be on schedule. Significant rainfall was also important for the replenishment of reservoirs throughout Thailand.

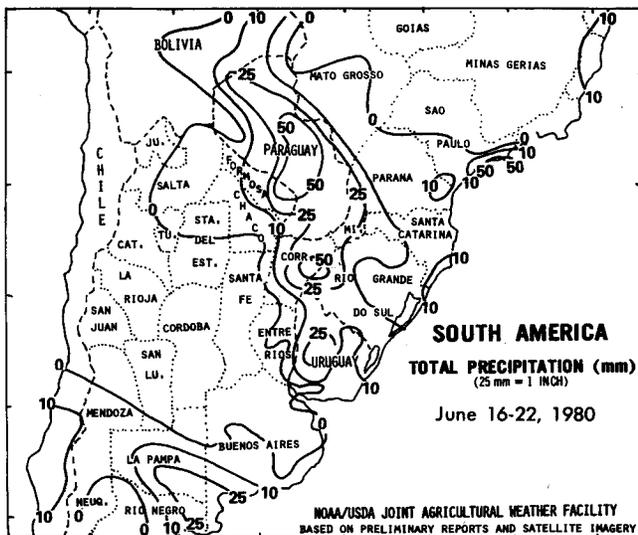
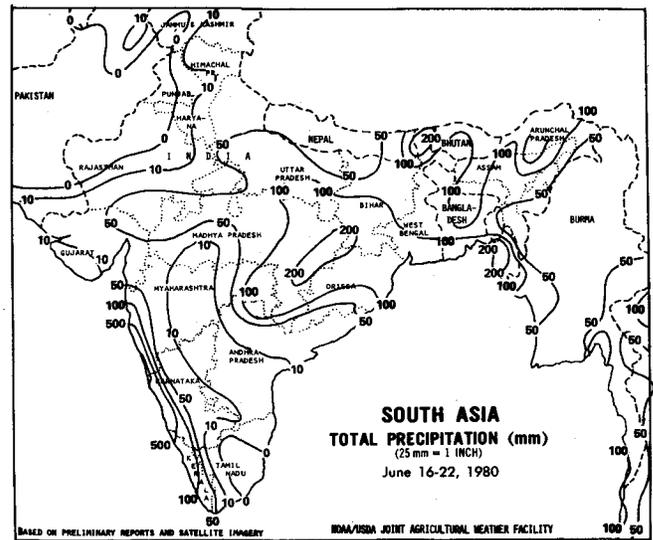
AUSTRALIA. The storm track continued across the southern half of the continent this past week. Beneficial rainfall occurred in the winter grain area of West Australia. The coastal portions of the eastern grain belt in New South Wales and Queensland also received adequate moisture for early crop development. Other areas received very little moisture during the week.



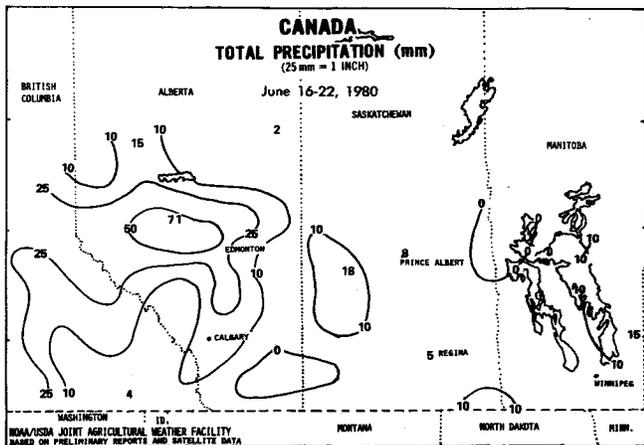


CHINA. Nearly the entire winter wheat belt received above-normal rainfall, with excessive amounts continuing in some areas. There have been reports of emergency measures being taken to dry out newly cut wheat. Twice-normal rainfall continued along the Yangtze River, but drier weather eased problems in the hills to the south, and persistence of relatively dry weather along the south coast favored the maturing first rice crop. A third consecutive week of above-normal rainfall in the Manchurian Valley maintained good growing conditions for soybeans and spring wheat.

INDIA. Strong monsoon activity continued over Bangladesh and most of southeastern India and continued its advance to the northwest. Heavier than normal rains in many areas maintained favorable conditions as planting continued. Some dryness may be developing in the south, in the lee of the southwestern coastal range, but soil moisture should remain quite adequate for the time being in nearly all of this important cotton-growing area due to earlier rains.

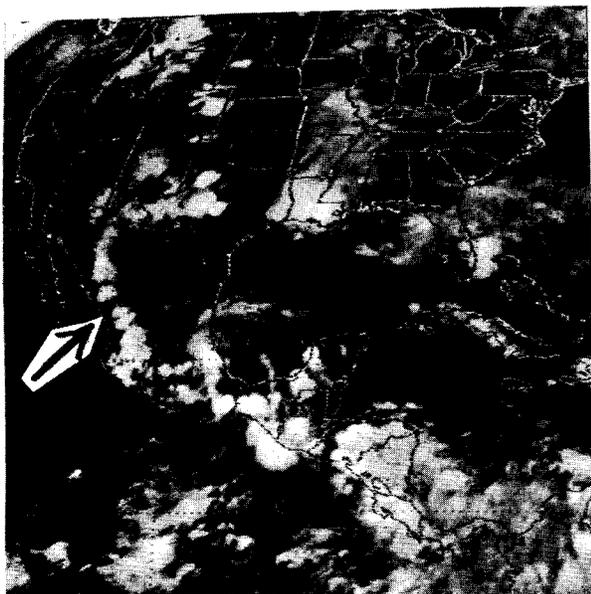
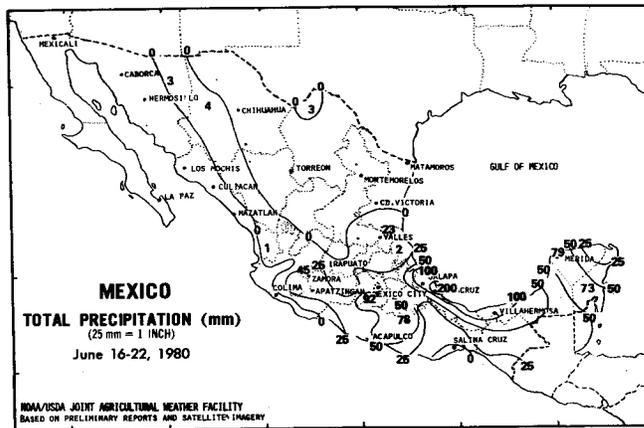


SOUTH AMERICA. Substantial amounts of rain fell in southern Buenos Aires Province as a cold front settled into a seasonal position through Paraguay and southern Brazil, preventing cold air from penetrating into the coffee-growing region of Brazil. Light showers continued along the front, particularly in Brazil.



CANADA. The drought continued in a large portion of the Canadian wheat belt east of Alberta. Scattered showers produced minimal rainfall amounts. Stubble field crops were in poor to very poor condition in Saskatchewan except for the western part where the crops were rated fair to poor. Crops planted on summer fallow were generally in somewhat better condition. Continued stress from dryness was causing deterioration of crops in some areas. The situation was similar in Manitoba's wheat area. Further west, in the province of Alberta, a stationary front triggered rain over the northwestern wheat area for several days. Soil moisture was in plentiful supply, and favorable conditions for crop development continued.

MEXICO. The 1980 rainy season has finally arrived over the western watersheds, which had received very little water during the 1979 summer rainy period. Satellite photos showed scattered afternoon and evening thunderstorms over the western Sierras by Wednesday, June 18. The early arrival of the rains will bring temporary relief to portions of the northwest which has experienced one of the country's worst drought in 20 years. Many cattle died, and yield prospects were reduced for summer soybeans, rice, cotton, and pastures. The heaviest rains last week occurred throughout the south, and should help corn, beans, rangeland, and citrus. Torrential rains may have caused erosion and crop damage in a few localities, especially around Veracruz where 230 mm fell. Dry weather since the last of May in the northeast is hastening maturity of corn and sorghum, and causing some stress in the nonirrigated citrus orchards.



The arrival of the summer rainy season over Mexico's western mountains is depicted in the satellite photo of June 20, 4:30 p.m. PST. Thunderstorms dot the western mountain watersheds, which supply irrigation water to the drought-stricken northwest.

CROP PROGRESS

FOR WEEK ENDING JUNE 22, 1980

| SOYBEAN % PLANTED | | | | COTTON % SQUARING | | | | WINTER WHEAT % HARVESTED | | | |
|----------------------|------|------|------|-------------------------|------|------|------|-----------------------------|------|------|------|
| | 1980 | 1979 | AVG. | | 1980 | 1979 | AVG. | | 1980 | 1979 | AVG. |
| ALA | 83 | 90 | 89 | ALA | 28 | 21 | 29 | CALF | 26 | 45 | NA |
| ARK | 79 | 81 | 83 | ARIZ | 28 | NA | NA | COLO | 1/ | 1/ | 1/ |
| GA | 81 | 92 | 91 | ARK | 20 | NA | NA | IDA | 0 | 0 | 0 |
| ILL | 2/ | 100 | 99 | CALF | 11 | 69 | NA | ILL | 1/ | 4 | 17 |
| IND | 2/ | 2/ | 90 | GA | 79 | 91 | 71 | IND | 0 | 0 | 5 |
| IOWA | 100 | 100 | 100 | LA | 20 | 23 | NA | KANS | 1 | 1 | 15 |
| KANS | 85 | 80 | 75 | MISS | 29 | 44 | 36 | MO | 13 | 16 | 31 |
| KY | 88 | 82 | 82 | MO | 0 | 0 | 0 | MONT | 0 | 0 | 0 |
| LA | 85 | 94 | 87 | N MEX | 35 | 35 | 50 | NEBR | 0 | 0 | 0 |
| MICH | 92 | 98 | 96 | N C | 12 | NA | NA | OHIO | 0 | 0 | 0 |
| MINN | 99 | 99 | 99 | OKLA | 0 | 5 | 4 | OKLA | 27 | 38 | 62 |
| MISS | 83 | 87 | 83 | S C | 74 | 76 | 66 | OREG | 0 | 0 | NA |
| MO | 100 | 90 | 85 | TENN | 25 | 15 | 19 | S DAK | 0 | 0 | 0 |
| NEBR | 100 | 100 | 100 | TEX | 20 | 19 | NA | TEX | 46 | 46 | 54 |
| N C | 83 | 83 | 87 | | | | | WASH | 0 | 0 | NA |
| OHIO | 98 | 100 | 100 | 14 STATES | 26 | NA | NA | 15 STATES | 11 | 13 | NA |
| S C | 84 | 91 | 89 | EXCL. STATES WITH NA | 32 | 37 | 29 | EXCL. STATES WITH NA | 11 | 13 | 24 |
| TENN | 85 | 85 | 80 | | | | | | | | |
| 18 STATES | 93 | 94 | 92 | | | | | | | | |

THESE 18 STATES PRODUCED 94% OF THE 1979 SOYBEAN CROP.

THESE 14 STATES PRODUCED 99% OF THE 1979 COTTON CROP.

THESE 15 STATES PRODUCED 90% OF THE 1979 WINTER WHEAT CROP.

| SORGHUM % PLANTED | | | |
|----------------------|------|------|------|
| | 1980 | 1979 | AVG. |
| COLO | 96 | 90 | 91 |
| KANS | 85 | 85 | 85 |
| MO | 96 | 89 | 87 |
| NEBR | 100 | 100 | 100 |
| OKLA | 83 | 88 | 91 |
| S DAK | 92 | 100 | 96 |
| TEX | 98 | 96 | 97 |
| 7 STATES | 93 | 92 | 92 |

THESE 7 STATES PRODUCED 92% OF THE 1979 SORGHUM CROP.

| SPRING WHEAT % HEADED | | | |
|--------------------------|------|------|------|
| | 1980 | 1979 | AVG. |
| IDA | 25 | 35 | 25 |
| MINN | 45 | 1 | 32 |
| MONT | 30 | 1/ | 16 |
| N D | 25 | 12 | 11 |
| S DAK | 75 | 20 | 42 |
| 5 STATES | 55 | 7 | 35 |

THESE 5 STATES PRODUCED 92% OF THE 1979 SPRING WHEAT CROP.

1/ LESS THAN 5%

2/ GREATER THAN 95%

NA - NOT AVAILABLE

CROP PRODUCTION HIGHLIGHTS

WINTER WHEAT production is forecast at a record high 1.76 billion bushels (47.8 million metric tons), 9 percent greater than last year and 3 percent above last month's forecast. The 90 percent confidence interval for this 1980 production forecast is 1.58 to 1.93 billion bushels.

ORANGE production is forecast at a record high 271 million boxes, 1 percent above last month's forecast and 29 percent more than last season. Harvest is 84 percent complete.

PEACH production in the U.S. is forecast at 2.88 billion pounds, 3 percent below last season but 7 percent above the 1978 harvest. The California Clingstone peach crop is expected to total 1.32 billion pounds, 6 percent less than last year but 7 percent more than 1978.

BARTLETT PEAR production in the three Pacific Coast States is forecast at 593 thousand tons, the same as the 1979 crop but up 27 percent from 1978.

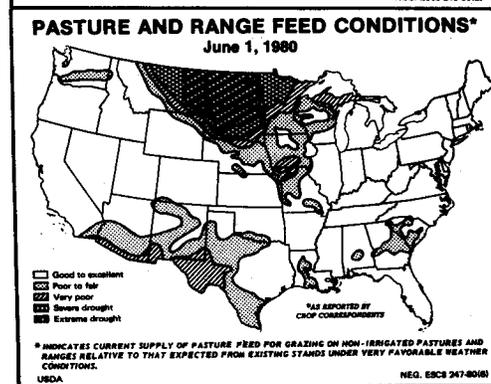
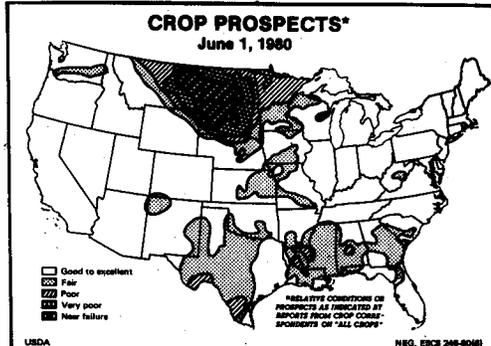
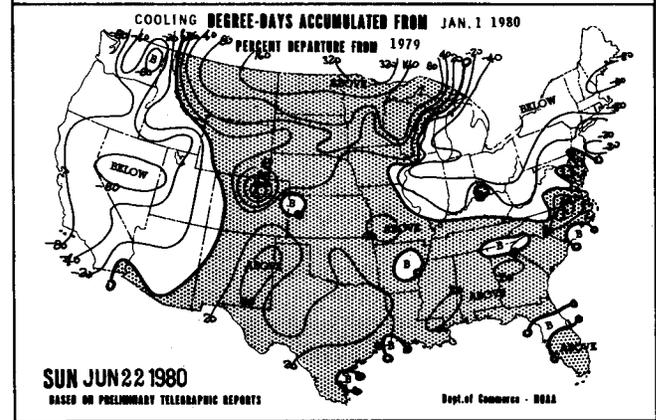
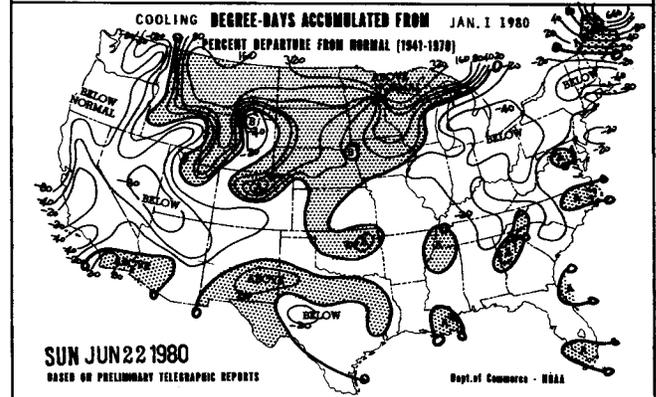
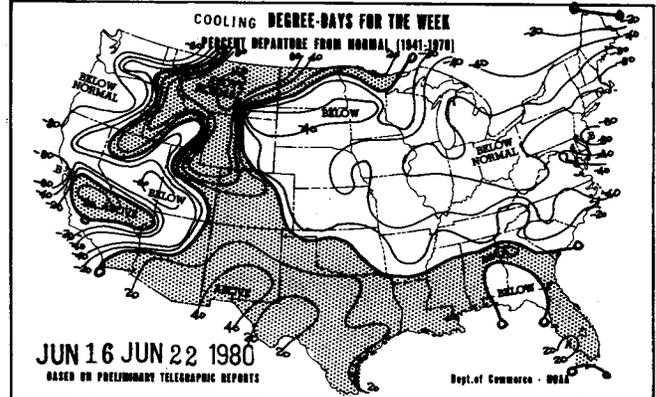
SWEET CHERRY production in the six Western States is expected to total 147 thousand tons, 4 percent less than last year but 27 percent above the 1978 crop.

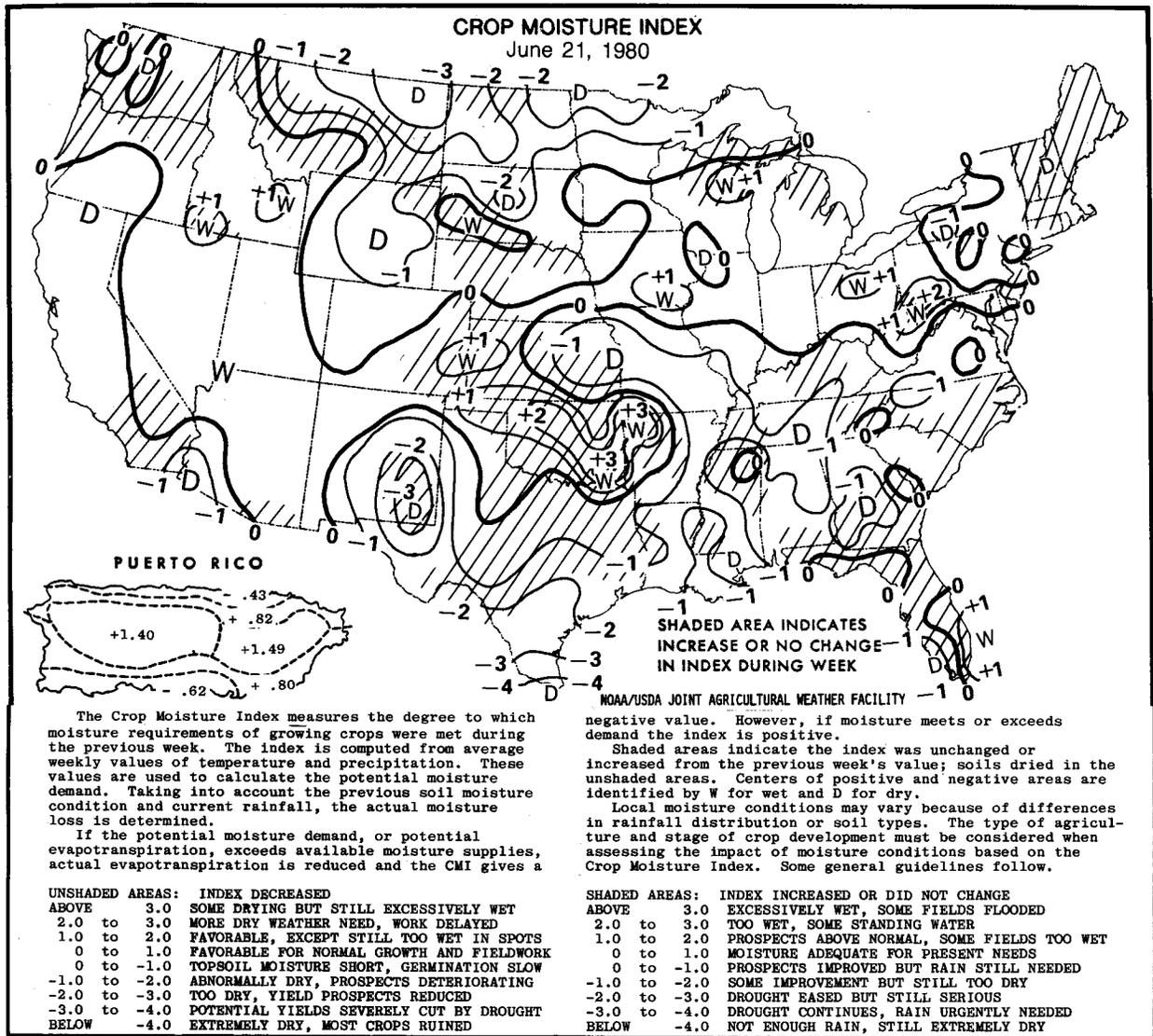
SPRING POTATO production is forecast at 17.0 million cwt, up slightly from May 1 but 20 percent below last season and still a record low.

PASTURE AND RANGE FEED condition as of June 1 averaged 81 percent, 6 points less than last year and 2 points below the 1969-78 average for the date.

FAR CHART 134

OCT 77





THE DROUGHT SLIGHTLY INTENSIFIED IN PARTS OF THE NORTHERN PLAINS WHEATLAND AS RAINFALL WAS LIGHT. SOIL MOISTURE DECREASED IN SOME OF THE DELTA'S COTTON AND SOYBEAN FIELDS. IT IMPROVED SLIGHTLY IN THE SOUTHEAST BUT MORE RAIN IS NEEDED FOR YOUNG CROPS. HEAVY RAINS AT THE OKLAHOMA-ARKANSAS BORDER FLOODED A FEW FIELDS. DROUGHT CONTINUED OVER SOUTHEASTERN NEW MEXICO.

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