

# WEEKLY WEATHER AND CROP BULLETIN

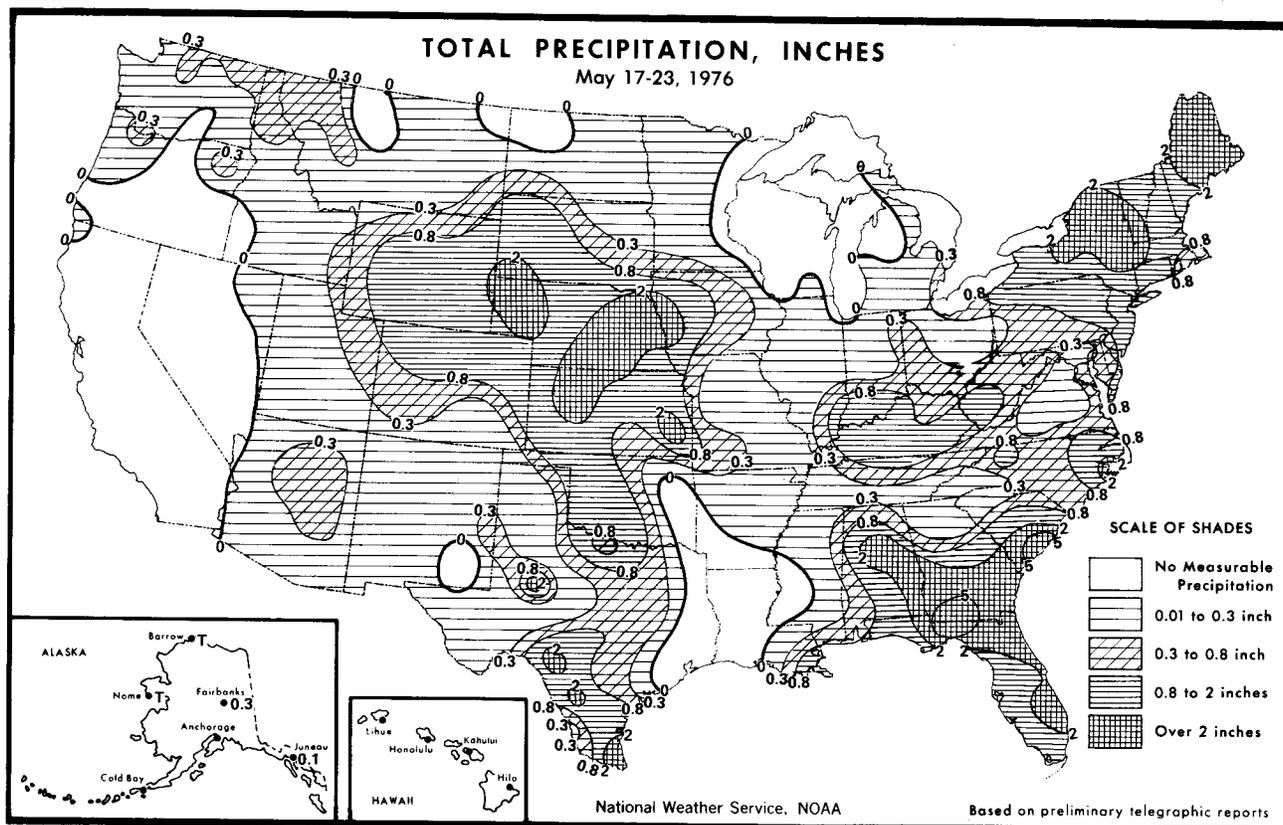
U.S. DEPARTMENT OF COMMERCE  
National Weather Service, NOAA

U.S. DEPARTMENT OF AGRICULTURE  
Statistical Reporting Service

Volume 63, No. 21

Washington, D.C.

May 25, 1976



## National Weather Summary

For the week of May 17 - 23

**HIGHLIGHTS:** A massive high pressure system shaped a damp, chilly week for most of the eastern two-thirds of the Nation. Moving southward through the Plains, a large cold air mass took credit for a number of record low readings. Weekly precipitation focused on eastern regions and isolated spots of central U.S. Some severe weather occurred from New England to the Carolinas and produced heavy rains and hail in sections of the lower Great Plains. A low pressure brought 3 days of chilling rain to parts of the Northeast. Thunderstorms intensified in south central U.S., spawning hail in portions of Texas.

As a massive cold air flow moved southward through the Plains States, Monday morning temperatures skidded into the 20's and 30's in northern and central regions. Elsewhere cooler air streaming into the Pacific Northwest stalled daytime temperatures in the 50's and 60's--at levels more than

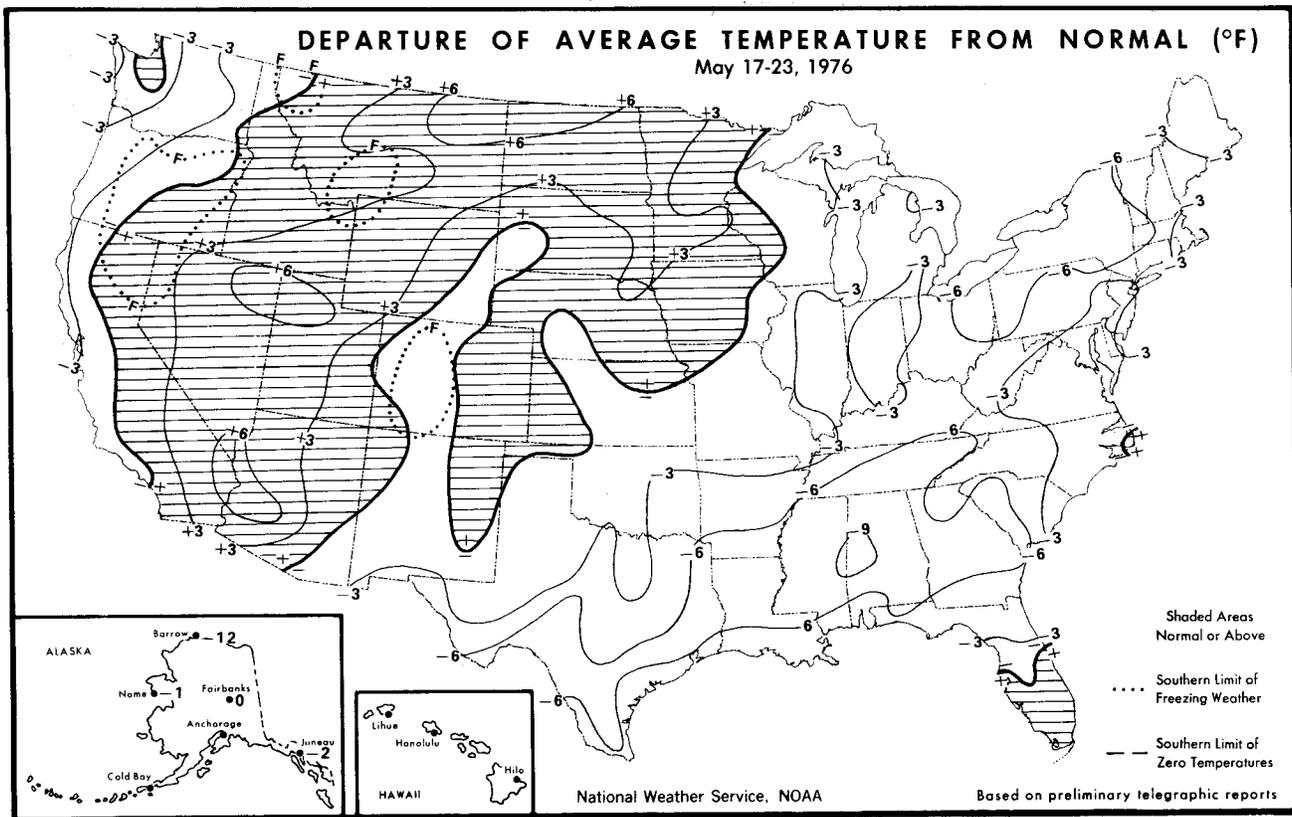
30° chillier than weekend readings.

Otherwise the Nation enjoyed mild or warm weather. Along the Gulf Coast and Florida the mercury pushed into the 80's; mostly 70's prevailed in southern New England and the northern Plains.

Continuing its eastward course through the Midwest, a slow moving storm system created showers and thundershowers along the Ohio Valley and from Missouri into western Pennsylvania. A few showers were scattered around the Great Lakes region.

Monday's precipitation pattern also traced moisture along the Rio Grande Valley of Texas from Big Bend Country to the Gulf. Coastal showers lined the Atlantic from southern Florida into southern New England.

Cool air from Tuesday's expansive high pressure system encompassed the eastern two-thirds of the Nation. Fourteen cities from the Canadian border to as far south as northern Texas and Louisiana claimed new record lows. At the top of the list



were International Falls, Minn. 29° and Spokane, Wash. and Madison, Wisc., both 32°.

At daybreak showers and thunderstorms appeared east of a line from the Mississippi Delta through the lower Great Lakes region. Later in the day some severe weather accompanied a wide band of showers and thunderstorms from New England and New York to the eastern Carolinas. Tornadoes and golf ball size hail struck North Carolina, but no damage was reported. Other showers and thunderstorms were scattered throughout the Rockies, extreme western Plains, and Arizona.

In the evening clear skies and mild temperatures favored a large portion of the Nation; readings in the 60's and 70's dominated the Plains and Mississippi Valley regions and most of the Pacific Coast.

The midweek temperature check turned up more record lows over much of the South and East as the large high pressure settled over the middle Mississippi Valley.

In response to a deep low pressure center northwest of Maine, cold rain developed in New England, New York, and Pennsylvania with snow in the higher elevations and interior sections.

Except for these cloudy New England areas and usually cool Pacific Coastal areas, readings in the 70's and 80's dominated most of the Nation; a few 90's singled out portions of the central Plains and desert Southwest area.

Meantime scattered thundershowers dotted the Rocky Mountain and southern Plateau regions and southern portions of Texas and Florida.

Moving over the eastern Gulf States, the high pressure dealt the Southeast some very cool weather on Thursday. Lows in the 40's chilled many cities: Richmond, Va. 41° and Macon, Ga. 46°.

After 3 consecutive days of rain, the low pressure center over Maine weakened and shower activity diminished in the Northeast. Only a few light showers lingered in northern Maine.

In a short time, however, another area of showers formed from eastern lower Michigan across Pennsylvania into New Jersey, Maryland, and Delaware. In addition, a frontal system triggered isolated thundershowers from the lower Great Lakes region to the upper Mississippi Valley.

When the cold front moved eastward on Friday, thundershowers--none severe--erupted over southern New England and southeast New York into eastern Pennsylvania.

Elsewhere thundershowers brought isolated severe weather and heavy rains to the central and southern Plains. Hail pounded parts of Texas, Nebraska, and Kansas.

During the day a collection of thundershowers moved across the north Atlantic States. As a low pressure took shape in the Gulf, thundershowers sprang up over Florida and southwest Alabama.

Sluggish movement of the Nation's weather systems spelled little change in weekend conditions. A stationary front curving through the middle Mississippi Valley and central Plains into the Texas Panhandle generated precipitation across the area.

The biggest weekend rain maker, the low pressure center--now in the Southeast--delivered showers on Sunday to the south Atlantic Coast from the Carolinas into Florida and across Alabama.

In south central U.S. thunderstorms intensified and shifted from northeast Texas into adjacent sections of Oklahoma, Arkansas, and Louisiana. In parts of Texas, large hail accompanied storm activity.

## National Agricultural Summary

For the week of May 17-23

**HIGHLIGHTS:** Planting continued at the rapid pace characteristic of the 1976 season. Through May 23, planting of this year's corn crop was 91% complete, ahead of last year's level and much ahead of average. Cotton was 79% planted in the major producing States. Cool, damp weather in some areas required more replanting. Soybean plantings advanced to 51% seeded. Western areas and portions of north and south central U. S. ended the week with below normal precipitation and as a result critical moisture shortages continued in these areas.

**SMALL GRAINS:** Spring wheat was 98% planted by week's end, with remaining acreage to be seeded in Idaho and Montana.

Winter wheat harvest started in Georgia, South Carolina, Alabama and continued in Texas, California, and Florida. The crop was ripening quickly and harvest equipment preparations were begun in more States as crop maturity advanced. Earlier freeze damage became more apparent on the Kansas crop, which was 80% headed. Nebraska winter wheat was 90% jointed and 10% headed, but moisture shortages may hurt development. Precipitation was below normal in Washington; wheat was booting and showing drought stress in some areas.

**CORN:** Planting of the U. S. crop was 91% complete, compared with 87% in 1975 and 73% average. In the eastern North Central States, the crop was 90% seeded, ahead of 86% in 1975 and far ahead of 57% average. Planting in Michigan lagged last year's pace but continued slightly ahead of average. The western North Central States reached the 93% planted point, ahead of 1975's 88% and 79% average. Progress in Kansas and Missouri was slower than last year's pace but ahead of average. Only New York, Pennsylvania, Michigan, and Wisconsin were less than 90% complete. Adequate moisture and normal soil temperature in Indiana favored germination and 70% of crop had emerged. Significant rain in dry northwestern Iowa activated herbicides and aided in germination. Over half of Iowa's crop had emerged; stands and color were good.

**COTTON:** Planting advanced 17 points from a week ago to 79% complete, compared to 73% a year ago and 66% average. Arkansas had 95% of its acreage planted with 68% up to an acceptable stand. Cool temperatures slowed growth. Mississippi cotton also was 95% planted; 63% of its crop was up to a reasonable stand. Considerable replanting was expected in Alabama, where condition of the crop was poor to fair. Replanting was required in western Tennessee, where cool, damp weather rotted seeds and killed seedlings. In Louisiana 86% was planted, compared with 42% a year ago and 82% average. Oklahoma progressed rapidly to 20% planted, but remained well behind 33% normal. Texas acreage was 68% seeded, but cool weather slowed crop development.

**SOYBEANS:** Planting of the Nation's soybean crop made excellent progress to 51%, compared with

45% a year ago and 32% average. The North Central States were 58% planted with Minnesota 80% and Ohio and Illinois each 70% seeded. Cool temperatures slowed growth in the south central area, which was about 35% planted. South Atlantic farmers were almost 35% complete, slightly behind a year ago.

**OTHER CROPS:** Sorghum plantings were reported 36% complete, virtually the same as a year ago and average. Seeding in south central areas of Texas was finished by week's end. The Plains recorded progress. Arkansas acreage was 84% planted, compared with 49% in 1975. Herbicides were ineffective because of cool weather.

Flue-cured tobacco transplanting was virtually complete in South Carolina, 90% in North Carolina, 61% in Texas. Condition was good to fair throughout the growing belt. Applications of sucker controls and insecticides were very active in Georgia. Tennessee Burley tobacco was 53% set, while Kentucky Burley was 13% transplanted and growing rapidly.

Peanut planting was complete in Georgia, where plants were in good condition. Planting was 70% complete in Virginia, 80% in North Carolina, 90% in Mississippi, 17% in Oklahoma, and 27% in Texas.

Idaho Irish potatoes were 65% in the ground. Rain, cold continued to delay Maine plantings.

Rice seeding reached 94% in Mississippi, 97% in Arkansas, and was complete in other areas. Cool weather slowed growth and some fields were flooded.

**FRUITS AND NUTS:** Early peach harvest continued. In Texas, harvest became active in eastern and central areas, as well as in Florida, Arizona, and the California Fresno area. Harvests of Valencia and navel oranges continued in California. Citrus groves of Florida were in excellent condition. Orange harvest was active in Florida and Arizona.

**VEGETABLES:** Heavy harvests occurred on California's broccoli, cauliflower, artichokes, and strawberries.

Markets were poor for dry onions in Texas and California. Harvest of Arizona lettuce started, but rain and wind reduced quality. Condition of lettuce from New Mexico was fair to good. The Texas harvest included potatoes, tomatoes, cabbage, melons, and peppers.

**PASTURE AND LIVESTOCK:** Cattle reportedly were in fair to good condition throughout the U. S. despite some poor range areas in the West. California and South Dakota experienced short water supplies for livestock. Some cattlemen delayed movement of animals to range pasture. West central Texas reported active shearing. Alfalfa hay harvest entered second cuttings in some areas, but for the most part was in first cutting.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., May 23, 1976

States and Stations	Temperature °F				Precipitation Inches				States and Stations	Temperature °F				Precipitation Inches				States and Stations	Temperature °F				Precipitation Inches			
	Average	Departure	Total	Departure	Average	Departure	Total	Departure		Average	Departure	Total	Departure	Average	Departure	Total	Departure		Average	Departure	Total	Departure				
ALA, Birmingham . . .	63	-8	2.3	+1.5	La. Baton Rouge . . .	70	-6	.1	-.9	Youngstown . . .	52	-7	.1	-.8												
Mobile . . .	72	-4	.5	-.5	Lake Charles . . .	73	-3	0	-1.2	OKLA, OKLA. City . . .	68	-1	1.0	-.2												
Montgomery . . .	65	-8	1.8	+1.0	New Orleans . . .	71	-5	1.0	0	Tulsa . . .	67	-3	0	-1.2												
ALASKA, Anchorage . . .	10	-12	T	0	Shreveport . . .	67	-7	T	-1.1	OREG, Astoria . . .	52	-1	.1	-.5												
Barrow . . .	50	0	.3	+1	MAINE, Caribou . . .	51	0	3.0	+2.3	Burns . . .	54	+1	0	-.2												
Fairbanks . . .	46	-2	1	-.7	Portland . . .	49	-5	1.4	+7	Medford . . .	57	-2	0	-.4												
Juneau . . .	36	-1	T	-.1	MD, Baltimore . . .	63	-2	.2	-.6	Pendleton . . .	53	-2	.2	-.1												
Kodiak . . .	55	+4	.3	+2	MASS, Boston . . .	59	-1	1.1	+3	Portland . . .	51	-6	.2	-.3												
Nome . . .	53	+1	T	-.1	Chatham . . .	51	-1	.6	-.5	Salem . . .	59	-2	1.0	+2												
ARIZ, Flagstaff . . .	55	+4	.3	+2	MICH, Alpena . . .	51	-1	.1	-.5	PA, Allentown . . .	49	-7	1.2	+4												
Phoenix . . .	83	+6	.1	+1	Detroit . . .	55	-4	.4	-.4	Erie . . .	60	-4	.7	-.2												
Tucson . . .	75	+0	.2	+2	Flint . . .	54	-3	.1	-.6	Harrisburg . . .	62	-2	1.1	+3												
Winslow . . .	65	+1	.3	+2	Grand Rapids . . .	53	-5	.1	-.6	Philadelphia . . .	54	-7	.4	-.4												
Yuma . . .	84	+4	T	0	Houghton Lake . . .	50	-4	T	-.6	Pittsburgh . . .	54	-6	1.4	+6												
ARK, Fort Smith . . .	66	-5	T	-1.3	Lansing . . .	52	-6	T	-.8	Scranton . . .	57	-1	.7	-.1												
Little Rock . . .	66	-5	1	-1.1	Marquette . . .	48	-3	0	-.7	R.I. Providence . . .	70	-3	5.3	+4.4												
CALIF, Bakersfield . . .	73	+2	0	0	Muskegon . . .	52	-5	T	-.6	S.C. Charleston . . .	68	-5	1.2	+4												
Eureka . . .	50	-3	0	-.4	S. Ste. Marie . . .	45	-5	.2	-.5	Columbia . . .	64	-6	.1	-.5												
Fresno . . .	68	0	0	-.1	MINN, Duluth . . .	51	0	0	-.8	Greenville . . .	61	+4	.2	-.4												
Los Angeles . . .	64	-1	0	0	Internatl Falls . . .	54	+3	.1	-.6	S.D. Aberdeen . . .	60	+2	.3	-.4												
Red Bluff . . .	69	+1	0	-.2	Minneapolis . . .	63	+5	T	-.8	Huron . . .	56	0	1.8	+1.1												
San Diego . . .	65	+1	T	0	Rochester . . .	60	+2	T	-.8	Rapid City . . .	63	+4	.7	-.1												
San Francisco . . .	55	-4	0	-.1	St. Cloud . . .	58	+2	T	-.9	Sioux Falls . . .	63	+6	.1	-.7												
Stockton . . .	65	-1	0	-.1	MISS, Jackson . . .	67	-7	0	-1.0	TENN, Chattanooga . . .	62	-7	.2	-.5												
COLO, Denver . . .	59	+1	.9	+3	Meridian . . .	64	-9	.1	-.7	Knoxville . . .	66	-6	.1	-.8												
Grand Junction . . .	63	-1	.5	+4	MO, Columbia . . .	63	-2	.2	-.9	Memphis . . .	63	-6	.7	-.2												
Pueblo . . .	62	0	1	-.3	Kansas City . . .	64	-2	.2	-.8	Nashville . . .	70	-3	T	-.9												
CONN, Bridgeport . . .	55	-5	1.5	+7	St. Louis . . .	64	-3	T	-.9	TEX, Abilene . . .	65	-2	T	-.7												
Hartford . . .	56	-4	1.8	+1.0	Springfield . . .	64	-2	.3	-.8	Amarillo . . .	71	-5	.7	-.2												
D.C. Washington . . .	66	-1	.4	-.5	MONT, Billings . . .	58	+2	.1	-.4	Austin . . .	72	-4	0	-1.1												
FLA, Apalachicola . . .	71	-5	1.6	+1.0	Glasgow . . .	63	+8	T	-.3	Beaumont . . .	74	-6	2.7	+2.1												
Daytona Beach . . .	73	-3	3.4	+2.7	Great Falls . . .	57	+3	T	-.6	Brownsville . . .	74	-4	1.9	+1.1												
Ft. Myers . . .	78	0	1.0	0	Havre . . .	59	+3	T	-.3	Corpus Christi . . .	74	-4	1.9	+1.1												
Jacksonville . . .	70	-5	2.4	+1.6	Helena . . .	56	+3	.3	-.1	Dallas . . .	71	-8	.9	+3												
Key West . . .	81	0	1.4	+8	Kalispell . . .	52	0	.4	0	Del Rio . . .	69	-4	.1	0												
Lakeland . . .	76	-2	1.9	+1.0	Miles City . . .	63	+5	.3	-.2	El Paso . . .	71	-2	.4	-.6												
Miami . . .	78	0	1.7	+2	Missoula . . .	55	+2	.1	-.3	Fort Worth . . .	74	-3	0	-.7												
Orlando . . .	77	0	1.0	+3	NEBR, Grand Island . . .	64	+2	2.6	+1.7	Galveston . . .	70	-7	0	-1.2												
Tallahassee . . .	71	-5	5.1	+4.2	Lincoln . . .	64	+1	1.2	+4	Houston . . .	69	-1	1.1	+3												
Tampa . . .	78	0	1.7	+1.1	Norfolk . . .	64	+3	2.7	+1.8	Lubbock . . .	72	-1	T	-.5												
W. Palm Beach . . .	78	0	2.0	+7	N. Platte . . .	58	-1	1.8	+1.0	Midland . . .	69	-6	T	-.6												
GA, Atlanta . . .	64	-6	T	-.8	Omaha . . .	64	+2	2.1	+1.2	San Angelo . . .	71	-6	.6	-.1												
Augusta . . .	66	-7	1.0	+2	Valentine . . .	60	+2	1.0	-.3	San Antonio . . .	73	-4	.1	-.8												
Macon . . .	67	-7	1.5	+7	NEV, Ely . . .	56	+5	T	-.2	Victoria . . .	72	-3	.4	-.6												
Savannah . . .	68	-6	2.8	+1.8	Las Vegas . . .	80	+6	0	0	Waco . . .	70	-3	.7	-.4												
HAWAII, Hilo . . .	---	---	---	---	Reno . . .	57	+1	0	-.2	Wichita Falls . . .	60	+2	.1	0												
Honolulu . . .	---	---	---	---	Winnemucca . . .	60	+5	0	-.2	UTAH, Blanding . . .	66	+7	.6	+3												
Kahului . . .	---	---	---	---	N.H. Concord . . .	52	+4	1.1	+4	Salt Lake City . . .	51	-5	1.5	+8												
Lihue . . .	---	---	---	---	N.J. Atlantic City . . .	58	-5	1.5	+7	VT, Burlington . . .	64	-2	.1	-.7												
IDAHO, Boise . . .	59	+1	T	-.3	Trenton . . .	61	-2	1.1	+3	VA, Lynchburg . . .	67	-1	.7	-.1												
Lewiston . . .	60	+1	.2	-.2	N.MEX, Albuquerque . . .	65	-1	.1	0	Norfolk . . .	66	-2	.2	-.6												
Pocatello . . .	59	+4	.2	-.1	Roswell . . .	72	+2	T	-.2	Richmond . . .	65	0	.1	-.7												
ILL, Cairo . . .	68	-2	.3	-.9	N.Y. Albany . . .	51	-8	2.3	+1.5	Roanoke . . .	64	-2	.2	-.6												
Chicago . . .	58	-3	T	-.8	Binghamton . . .	49	-7	.8	-.1	WASH, Colville . . .	54	-2	.8	+4												
Moline . . .	61	-1	T	-.9	Buffalo . . .	49	-7	1.2	+5	Omak . . .	49	-3	.1	-.8												
Peoria . . .	60	-3	.1	-.7	New York . . .	60	-3	1.0	+2	Quillayute . . .	56	0	T	-.4												
Rockford . . .	57	-3	T	-.9	Rochester . . .	51	-7	1.2	+6	Seattle-Tacoma . . .	53	-3	.2	-.2												
Springfield . . .	62	-3	T	-.8	Syracuse . . .	50	-8	3.8	+3.1	Spokane . . .	59	-2	.2	-.2												
IND, Evansville . . .	63	-4	1.8	+8	N.C. Asheville . . .	60	-5	.1	-.7	Walla Walla . . .	55	-4	T	-.1												
Ft. Wayne . . .	59	-2	.4	-.5	Charlotte . . .	65	-5	.1	-.5	Yakima . . .	57	-2	.7	-.2												
Indianapolis . . .	61	-2	.1	-.8	Greensboro . . .	64	-4	.4	-.3	W.Va. Beckley . . .	62	-4	1.9	+1.1												
South Bend . . .	57	-3	.1	-.6	Hatteras . . .	69	+1	1.3	+5	Charleston . . .	63	-3	.8	-.1												
IOWA, Burlington . . .	62	-1	.2	-.6	Raleigh . . .	67	-1	.6	-.2	Huntington . . .	60	-5	.4	-.4												
Des Moines . . .	64	+2	.7	-.3	Wilmington . . .	71	-1	.5	-.4	Parkersburg . . .	54	-2	0	-.7												
Dubuque . . .	58	-1	T	-1.1	N.DAK, Bismarck . . .	60	+4	T	-.5	La Crosse . . .	60	0	0	-.9												
Sioux City . . .	64	+2	2.6	+1.7	Fargo . . .	60	+4	T	-.5	Madison . . .	56	-1	T	-.8												
KANS, Concordia . . .	65	+1	.2	-.8	Williston . . .	82	+7	T	-.4	Milwaukee . . .	54	-1	T	-.6												
Dodge City . . .	66	+1	.8	0	OHIO, Akron-Canton . . .	52	-8	.2	-.7	WYO, Casper . . .	56	+2	1.5	+1.0												
Goodland . . .	61	+1	1.0	+4	Cincinnati . . .	60	-4	.5	-.3	Cheyenne . . .	52	-2	1.0	+4												
Topeka . . .	66	0	1.5	+6	Cleveland . . .	52	-8	.7	-.1	Lander . . .	58	+4	.9	+3												
Wichita . . .	65	-2	.5	-.3	Columbus . . .	60	-3	.6	-.2	Sheridan . . .	57	+3	.3	-.3												
KY, Lexington . . .	61	-5	.7	-.3	Dayton . . .	55	-5	.1	-.7	P.R. San Juan . . .	81	+2	T	-1.5												
Louisville . . .	64	-2	1.0	0	Toledo . . .	55	-5	.1	-.7																	

Publication of the Weekly Weather and Crop Bulletin began in 1872 as the Weekly Weather Chronicle. It is now issued under general authority of the Act of January 12, 1895 (44USC 213), 53d Cong., 3d Session. Contents of the Bulletin may be reprinted freely, with proper credit. Standard copy for the Bulletin is prepared

by R. E. Felch, L. M. Denny, O. W. Byrd, National Weather Service, NOAA; and H. J. DeLong, Susan Atkins, Statistical Reporting Service, USDA. Yearly subscription rate: \$5.00 domestic, \$6.50 airmail, and \$11.25 foreign airmail. Order from the Agricultural Weather Support Service South Building Mail Unit, USDA, Washington, D.C. 20250.

## 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 offices in cooperation with the National Weather Service, NOAA.

**ALABAMA:** A week of record breaking low temperatures. Average 6° below normal. Scattered light rain on 17th and 18th.

Fieldwork: 4 days suitable. Soil moisture mostly adequate. Cotton 95% planted, 93% 1975, 94% average. Growth slowed by cool nights. Considerable replanting expected some areas, poor to fair condition. Corn, good condition, 95% planted, 86% 1975, 89% average. Peanuts, 92% planted, 85% 1975, 94% average. Soybeans 40% planted, 47% 1975, 41% average. Wheat 69% turning color, harvest just starting. Pastures adequate.

**ALASKA:** Tanana Valley warmer than normal. Frost occurred protected locations. Rain fell end of week. Wetter than normal west, but dry eastern Tanana Valley. Matanuska Valley more than normal cloudiness held temperatures below seasonal averages. Precipitation ranged normal to below, spotty showers. Nighttime frosts continued. Kenai peninsula cool, dry week, little or no rain. Clouds restricted sun. Early week frost each night. Kodiak temperatures normal. Precipitation half to normal. Little to no frost.

**ARIZONA:** Moist air produced heavy precipitation, east. Temperatures 1 to 6° above normal.

Cotton 100% planted central, west. Wheat, barley harvest increasing. Sorghum planting continues. Harvest sugarbeets progressing. First cutting alfalfa hay east. Second cutting other areas. Lettuce harvest started, some rain and wind damage. Cantaloups good progress. Harvesting peaches, nectarines. Harvest grapefruit, valencias active. Citrus groves good condition. Range fair to good. Cattle, calves mostly fair to good, sheep and lambs poor to good. Feed, water supplies adequate. Range forage supplies average.

**ARKANSAS:** Cool until midweek, warming to end. Extremes 89 and 38°. Precipitation none to light.

Soybean planting 41% complete, 27% last year, average 24%. Cotton planting 95% complete, 89% for last year and average. Growth slow, 68% acceptable stand. Rice seeding 97% complete, 92% last year and average. Flushing, some fields flooded. Sorghum planting 84% complete, 49% last year. Herbicides effective. Wheat, oats maturing rapidly. Yield average. Strawberry harvest complete. Hay harvest quality good, yields below normal.

**CALIFORNIA:** Fair, coastal low cloudiness. Showers midweek. Thundershowers 21st. Above normal temperatures early. Coastal temperatures 50's and 60's, interior valley 70°, desert low to mid 80's.

Small grain harvest active desert, beginning elsewhere. Rice good stands all areas. Sugarbeet digging desert, good all areas. Cotton planting complete, thinning active. Alfalfa first, second cutting underway. Planting continues corn, beans, milo. Early plantings look good. Burlat cherry harvest complete. Perlette grape harvest May 24. Fig harvest soon. Picking grape leaves for canning. Bloom thinning. Harvest early varieties peaches Fresno. Valencia, navel orange harvest. Plum, nectarine harvests Fresno area delayed, cool temperatures. Pick-

ing grapefruit, lemons, avocados. Vegetable development good. Heavy harvests broccoli, cauliflower, artichokes, strawberries. Poor markets dry onions, carrots. Rangeland poor lower elevations, fairly good higher levels. Livestock water supplies hold, critically low. Cattle sales heavy. Sheep problems finding feed; pastured on any range.

**COLORADO:** Early warm, dry except temperatures below freezing northeast 17th. Warmest temperatures lower elevations midweek 80 to 90°. Showers, thunderstorm end of week.

Winter wheat poor east central, good elsewhere, 81% jointed, 81% 1975, 87% average; 22% headed. Sugarbeets 74% emerged, 5% thinned, condition good. Corn 93% planted, 86% 1975, 78% average; 61% emerged, condition good. Oats, barley condition good. Sorghums 22% seeded, 23% 1975, average 21%. Fall potato planting 88% complete, 90% 1975, 56% average. Soil moisture short. Ranges, pastures poor southeast, fair to good elsewhere.

**FLORIDA:** Partly cloudy with scattered afternoon thundershowers. Rainfall 2.00 to 4.00 in. Heavier amounts northern peninsula. Temperatures averaged below normal.

Soil moisture adequate. Peanut planting nearly complete, early peanuts good condition, soybean planting active. Corn very good, early plantings silking. Tobacco, sugarcane good to excellent. Small grain harvest continues. Peach and nectarine harvest active. Frequent showers adding good pasture growth. Grazing fair to excellent, Panhandle; poor to good, elsewhere. Cattle, calves continue mostly fair to good. Citrus grove condition excellent, hard rain all areas, irrigation stopped. New crop fruit progressing very well. Orange harvest very active. Spring vegetable and melon harvest decreased. Most vegetable crops declined seasonally. Watermelon shipments increased sharply. Heavy rains hurt some crops, delayed harvest.

**GEORGIA:** Wet 15th and 16th, 2.00 to 4.00 in. except 1.00 in. southeast. Dry thru 21st. Temperatures 3° below normal southeast to 7° northwest; averages near 60° mountains and mid 60's to low 70's elsewhere.

Soil moisture adequate to excessive throughout State. Fieldwork: 4 days suitable. Cool nights hamper plant growth. Haying very active. Corn fair to mostly good with 98% planted. Tobacco fair to mostly good with applications of sucker control, insecticides very active. Cotton fair to mostly good, with 87% up to stand. Peanuts fair to mostly good; spraying continues. Soybeans fair to mostly good, 43% planted, last year 44%, average 47%. Sorghum 39% planted, last year 24%, average 30%. Small grains fair to mostly good, harvesting underway. Peaches fair to mostly good, harvesting active. Apples good. Watermelons good, 97% planted. Pastures good. Cattle and hogs good.

**HAWAII:** Weather warmer, favorable. Showers light mainly windward area. Getting dry. Irrigation heavy some sections. Vegetable supplies increasing. Tomatoes harvesting active. Bananas production light. Papayas production light, but increasing. Pineapple supply light. Sugar

production full swing. Lee pastures becoming dry. Windward pastures good condition.

IDAHO: Precipitation limited northern, extreme southern areas. Sandpoint 0.79 in., Moscow 0.72 in. Temperatures normal, State. Extremes: 89 and 19°.

Warm, windy. Wind dried soils out rapidly caused need of moisture most dryland areas. Winter wheat good. Some reseeding to spring wheat because wind blown damage. Spring wheat 85% planted, 70% 1975. Spring barley 80% planted, 65% 1975. Spring wheat 55% emerged, spring barley 50% emerged. Potato 65% planted, 45% 1975. Potato 15% emerged, 5% 1975. Range, pastures good condition.

ILLINOIS: Temperatures 1 to 4° below normal. Precipitation: Less than 0.10 in. most areas, heavier southeast.

Corn fair to good: 96% planted, 93% 1975, 76% average. Soybeans 70% planted, 65% 1975, 28% average. Winter wheat 13% excellent, 64% good, 21% fair, 2% poor; 94% headed, 76% 1975, 83% average; 60% filled, 36% 1975, 41% average. Oats mostly good; 15% headed, 7% 1975 and average. Hay crops mostly good; alfalfa 15% cut, 11% 1975, 6% average; red clover 15% cut, 13% 1975, 6% average. Pastures mostly good. Soil moisture: 25% short, 71% adequate, 4% surplus. Fieldwork: 4.75 days suitable.

INDIANA: Dry cool week, some rain in south 0.25 to 0.50 in. Some frost extreme north 19th. Highest temperature 85°.

Fieldwork: 5 days suitable. Soil moisture short to adequate. Corn 95% planted, 1975 85%, average 55%, 70% emerged. Soybeans 50% planted, same as 1975, average 15%, 15% emerged. Wheat 80% headed, 1975 35%, average 35%. Oats 5% headed. Barley, rye 90% headed. Alfalfa hay 10% cut. Clover hay 5% cut. Pastures fair. Tobacco 10% set.

IOWA: Temperatures 1° above normal northwest, southwest, 1° below normal east. Significant rainfall weekend.

Rapid planting progress. Favorable weather advanced corn germination, emergence. Significant rain in dry northwest, activate herbicides, aid corn germination. Corn planting 96% complete, 94% last year, 84% average. Corn planting complete northern two-thirds State. Corn emerged 59%, stands, color good. Soybean planting 61%, 58% 1975, 39% average. Oats condition good. Winter wheat fair to good. Stands normal, growth improved. Hay crops good, weevil problems. Moisture adequate. Shortages northwest, west central. Fieldwork: 4 1/2 days suitable. Livestock condition good. Pasture fair to good, growth improved.

KANSAS: Significant precipitation 0.50 in. to 1.50 in. across State late. Local heavy rains 3.00 in. to over 5.00 in. northwest, west central. Rains 2.00 in. southeast. Temperatures averaged low 60's extreme northwest to mid-60's elsewhere. Generally near normal.

Wheat 80% headed, 75% last year and average. Freezing effects apparent. Wheat losses 25% to 50% east central counties. Corn 80% planted, 85% last year, 75% average. Some early planted corn replanted after freeze. Sorghum 15% planted, 20% last year and average. Soybeans 10% planted, 25% last year, 20% average. Alfalfa first cutting 25%, 30% last year and average.

KENTUCKY: Temperatures averaged below normal. Showers, thundershowers early, again 21st. Precipitation averaged 0.75 in.

Fieldwork: 3 days favorable. Soil moisture 70% adequate. Corn planting 90% complete, 78% last year, 68% average. Wheat 33% yellow, rest bloom or earlier. Barley harvest start early June. Burley, dark tobacco 13% set--ahead of last year, average pace. First cutting alfalfa hay 50% complete. Pasture condition 81%. Peach production half crop.

LOUISIANA: Temperatures 5 to 8° below normal. Light rains south. Soil moisture adequate.

Fieldwork: 5 days suitable. Cotton 86% planted, 42% last year, 82% average; 59% up to stand, 18% last year. Soybeans 34% planted, 14% last year, 42% average; 24% up to stand. Cool weather slowed rice growth; some fields grassy. Corn good condition. Sugarcane fair to good, last cultivation under way. Sweetpotato transplanting 42% complete, 33% last year. Peach harvest active. Wheat, oats harvest 10% complete. Pastures improving. Cattle fair to good.

MARYLAND & DELAWARE: Temperatures averaged near normal. Highs, high 80's; lows, mid 30's. Precipitation ranged 0.26 to 2.28 in. Weekend sunny and cool.

Corn 90% planted; 72% 1975, 73% average. Cool, dry weather slowing growth. Soybeans 20% planted; 15% 1975, 14% average. Small grains fair to good. Armyworm causing problems. First cutting alfalfa 50% completed. Many fields short due to dry weather. Severe hail storms damaged fruit Hancock area. Peach drop expected next week.

MICHIGAN: Temperatures 1 to 6° below normal. Extremes: 70's and 30's. Precipitation 0.20 to 0.60 in. south.

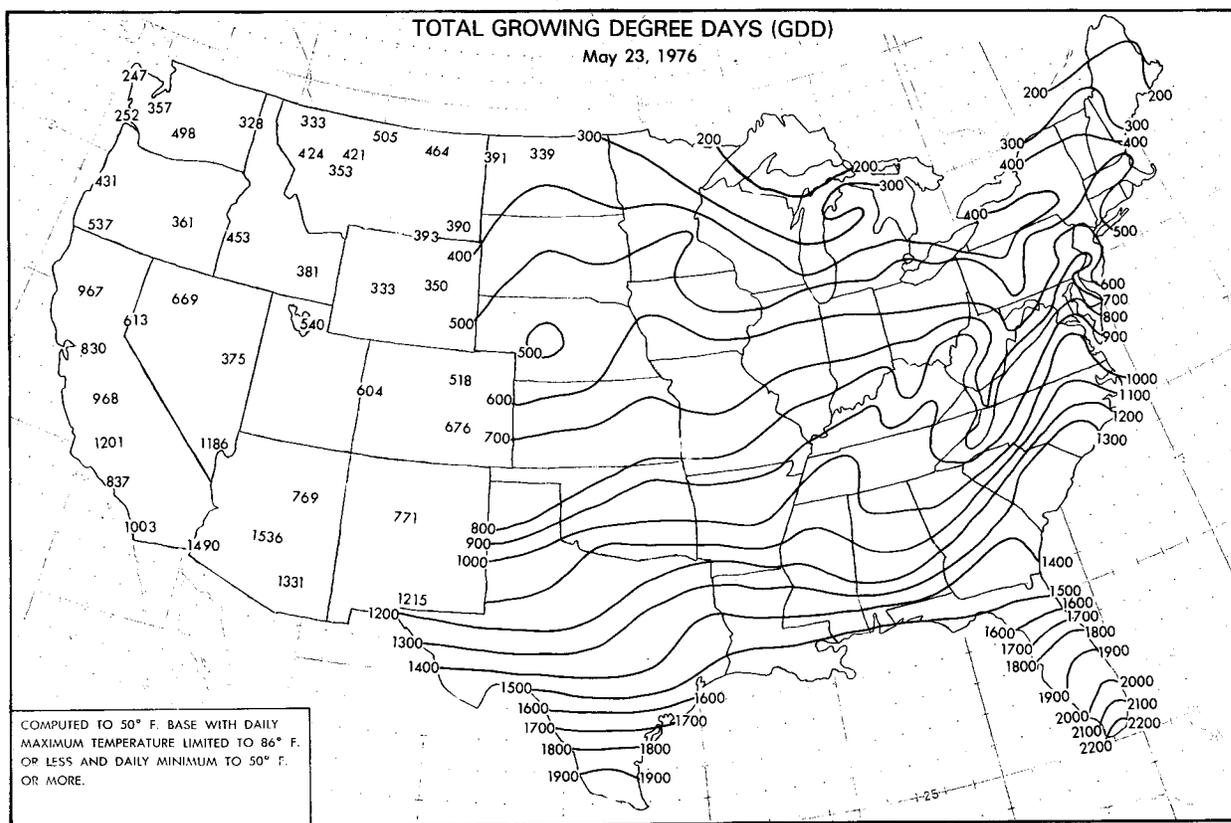
Crops emerging slowly. Fieldwork: 4 days suitable. Corn planting the major activity. Plowing 82% complete, 77% 1975, 76% average. Oats 96% planted, 90% 1975, and normal years. Considerable sugarbeet acreage replanted. Corn 58% planted, 66% last year, 57% average. Potatoes 60% planted, 59% last year, 56% average. Soybeans 10% seeded, 19% 1975 and average. Dry bean planting starting southeast. Pasture feed, moisture supplies adequate. Asparagus picking 25% complete, 36% average.

MINNESOTA: Warm, dry week. Temperatures normal east to 4° above west. Extremes: 90 and 29°. Precipitation below normal. Rainfall totals well below normal all but southeast.

Shortage placing stress all crops except southeast. Hay yields, pasture far below normal. Corn planted, 1975 83%, normal 79%; 64% emerged, 1975 35%, normal 34%. Soybeans 80% planted, 1975 49%, normal 46%; 16% emerged, 1975 8%, normal 8%. Small grains emerged. Flax 81% planted, 1975 52%, normal 61%.

MISSISSIPPI: Temperatures 6 to 14° subnormal. Extremes: 86 and 36°.

Soil moisture mostly adequate. Fieldwork: 4.3 days suitable. Cotton 95% planted, 67% 1975, 84% average; 63% up to stand, 38% 1975, 60% average; 35% of acreage replanted. Soybeans 39% planted, 11% 1975, 25% average; 15% up to stand, 6% 1975. Rice 94% planted, 60% 1975, 81% average; 71% up to stand, 39% 1975. Corn 92% planted, 68% 1975, 75% average; 82% up to stand, 54% 1975. Winter wheat 34% ripe, 30% 1975. Oats 39% ripe, 36% 1975. Peanuts 90% planted, 44% 1975. Sorghum



54% planted, 25% 1975, 35% average. Sweetpotatoes 50% planted, 35% 1975, 42% average. Cotton poor to fair. Rice fair. Other crops fair to good.

**MISSOURI:** Temperatures averaged 2 to 6° below normal. Precipitation averaged 0.25 in. west Ozarks, 0.50 in. east Ozarks, Bootheel, 0.75 in. to 1.50 in. elsewhere.

Fieldwork: 3.7 days suitable. Corn planting 85% complete, 1975 87%, normal 72%. Corn condition fair. Soybean planting 34% complete, 1975 49%, normal 31%. Grain sorghum planting 35% complete, 1975 51%, normal 34%. Wheat condition is fair. Wheat headed 95%, 1975 85%, normal 79%. 21% turning, frost damage most prevalent central, south. Cotton condition poor to fair. Pasture condition fair to good. Cool temperatures retarded growth. First alfalfa cutting 18% complete. Soil moisture 17% short, 70% adequate, 13% surplus.

**MONTANA:** Temperatures averaged 5° above normal. Dry over the plains--normal precipitation western mountains, southeast.

Seeding progress ahead of normal, dry area developing north central. Spring wheat 95% seeded, last year 55%, normal 85%. Oats, barley 90% sown, last year 45%--normal planting 85%. Progress: corn 70%, sugarbeets 95%, potatoes 60%, dry beans 71%. Winter wheat mostly good, maintained by subsoil moisture dry counties. Spring grains fair to good. Winter wheat 10% boot, 1975 0%. Hay growth average except slow dry areas. Cattle, sheep moved to summer ranges.

**NEBRASKA:** Temperatures above normal midweek, cool remainder. Showers, thunderstorms latter portion, trace to 4.00 in.

Topsoil moisture 62% short, 38% adequate. Subsoil moisture 68% short, 32% adequate. Winter wheat poor 9%, fair 69%, good 22%. Wheat 90% jointed, 10% headed, 1975 70% jointed, 10% headed. Corn planting 90% completed, 1975 85%, 75% normal; 40% emerged. Sorghum 40% planted, 40% 1975, normal 30%. Soybeans 40% planted, 45% last year, 30% normal. Alfalfa fair to good. First cutting 10% complete. Wild hay fair to good. Pasture, range feed 52% short.

**NEVADA:** Warm dry spring weather, occasional local thundershowers, limited precipitation north eastern mountains. Temperatures above normal. Extremes: 101° Logandale, 26° Mountain City. Spring planting emerging. Irrigation underway. Ranges developing slowly under dry conditions. Movement livestock to summer ranges delayed.

**NEW ENGLAND:** Temperatures 10 to 20° below normal. Snow in mountain areas. General rainfall over area; 1.00 in. to 2.00 in. several localities.

Fieldwork halted all New England by cold and rain. Corn and potato planting underway as weather permitted. Apple set spotty due to poor pollination. Cranberries unchanged by frosts and growing slowly. Green chop operations started.

**NEW JERSEY:** Frost recorded central and northern sections on 23d. Temperatures averaged 2 to 5° below normal. Extremes: 34 and 82°. Rainfall 1.41 in. north, 1.48 in. central and 1.01 in. south. Soil moisture in percent of field capacity averaged: 94% north, 83% central, 73% south. Soil temperature 60° north, 63° south.

Cool temperatures, strong winds and scattered hail have hampered crop progress. Soil moisture short

some areas, surplus others. Iceberg lettuce, escarole and endive harvest underway. Tomato planting complete this week. Sweetpotato transplanting started strawberry volume moderate. Blueberries sizing well. Barley beginning to color. Hay and green crop being cut. Field corn and soybean planting active. Pasture growth good.

**NEW MEXICO:** Fairly general showers through midweek. Temperatures averaged about 2° cooler than normal.

Soil moisture short. Range and cattle fair. Sheep fair to good, shearing 50% complete. Cotton plantings complete, fair to good stands. Alfalfa, apples, good. Grain sorghum, corn, lettuce fair to good. Irrigated winter wheat and durum wheat good. Barley good, 90% heading. Onions excellent Mesilla Valley.

**NEW YORK:** Temperatures averaged 8° below normal. Mild 17th, cold, wet rest of week. High of 42° lowest ever recorded in May. Temperatures moderated during weekend, remained cool. Precipitation averaged over 1.50 in.

Wet, cold week slowed fieldwork, seed germination, plant growth. Corn planting 25% complete, 60% 1975. Oat planting 73% complete, 90% 1975. Soil moisture mostly surplus to excessive. Potato planting delayed, 50% complete. Early cabbage transplanting nearly completed. Strawberries heavy bloom most areas, pollination weather poor. Fruit development slowed. Apples set Hudson Valley, behind other areas. Other tree fruit prospects fair.

**NORTH CAROLINA:** Temperatures 70's and 80's daytime, 50's and 60's night. Coolest midweek 40's, some 30's. Precipitation less than 0.50 in. Some stations along coast over 1.00 in.

Fieldwork: 4.1 days suitable. Soil moisture adequate. Cool, wet weather hampered planting. Flue-cured tobacco 90% transplanted, 1975 85%, average 81%, condition fair to good. Burley 47% transplanted, 1975 27%. Corn 96% planted, 1975 93%, average 88%; condition fair to good. Soybeans 40% planted, 1975 42%, average 37%. Peanuts 80% planted, 1975 88%, average 81%. Cotton 97% planted, 1975 96%, average 94%. Sweetpotatoes 46% transplanted, 1975 34%. Sorghum 47% planted, 1975 34%. Small grains fair condition. Irish potatoes fair to good. Pasture 10% poor, 55% fair, 35% good. Peaches poor to good. Cabbage harvest full swing east.

**NORTH DAKOTA:** Temperatures 6° above normal northwest, north central to 3° above normal southwest, northeast, east central. Extremes: 85 and 10°. Precipitation below normal. Weekend sunny, no precipitation.

Spring wheat planting completed, 60% 1975, 83% average. Durum wheat planting 95% complete, 53% 1975, 75% average. Stock water sufficient. Pastures slow. Livestock good condition.

**OHIO:** Precipitation 3 days. Greatest amount 0.80 southeast. Temperatures below normal, highs from 50's to 70's. Low in mid 30's on 19th.

Planting completed: corn 95%, 90% 1975, and 75% normal; soybeans 70%, 60% 1975 and 40% normal; potatoes 95%, 80% 1975, and 75% normal; alfalfa hay 10%, 5% 1975 and normal; and Clover-Timothy hay 5%, less than 5% normal. Winter wheat 60% headed, 60% 1975 and 30% normal. Sugarbeet condition fair to good. Soil moisture supplies: 45% short, 53% adequate and 2% surplus. Fieldwork: 5 days favorable.

**OKLAHOMA:** Temperatures averaged 2 to 7° below normal. Precipitation averaged from none to 0.59 in. Weekend warm, rain most areas.

Dry week, except east, good planting progress. First load wheat combined. Wheat 50% dough, same year ago, 52% average. Oats, hay cut. Barley 60% dough stage; average 73%. Corn planting 90% complete, 82% average. Warm weather needed. Sorghum planting 40% complete, average 25. Cotton seeding 20%, 33% normal, good to fair. Peanut planting 17%, normal. Soybean condition very good, dry soils needed. Pastures, and ranges good. Livestock improving.

**OREGON:** Temperatures normal. Extremes: mid-80's, high 20's west; low 90's, high 20's east. Precipitation ranged 0.25 in. northwest to dry in south.

Grain, hay, seed crops good condition. Barley headed out. Cherry, peach fruit set good. Filbert crop expected below last year. Sweet corn, green beans good condition. Rhubarb, asparagus harvested. Onions, potatoes good growth. Livestock good. Range, pastures good condition. Moisture needed some localities.

**PENNSYLVANIA:** Cool, temperatures 2 to 10° below normal. Extremes: 83 and 26°. Rainfall 0.50 to 1.00 in. most areas.

Soil moisture adequate. Fieldwork: three days suitable. Activities: plowing, planting potatoes, oats and corn; making grass silage; spraying; tomato, tobacco transplanting. Oats all sown, Cereal leaf beetle active. Potatoes planted 80%, same as 1975. Corn planted 75%, 1975 58%. Barley 55% headed, 40% 1975. Wheat 27% headed, 49% boot--last year 43% boot. Hay condition fair to good. Alfalfa first cut 12%--silage. Strawberries ripening, some frosted. Some tomato transplants hit by frost.

**PUERTO RICO:** Island average rainfall 1.10 in. Highest weekly total 6.15 inches at Pico Del Este. Temperatures averaged 78° coasts, 73° interior. Extremes: 92 and 56°. Sugar cane harvest nearing completion. Good yield. Farmers planting, cultivating. Coffee cultivation active, but heavy rain showers over some western/interior areas hindered operations. Good weather for tobacco drying. Pastures developing well except some south coastal areas. Soil preparation, planting of food crops progressing.

**SOUTH CAROLINA:** Temperatures averaged 5 to 6° below normal for week except northwest area where temperatures averaged 3° below normal. Lowest temperature was 35° 19th. Record lows at several locations. Highest temperature 20th, 88°. Florence, Cheraw. Rainfall below norms averaged 0.10 in.

Soil moisture adequate. Most crops improved with additional rains from previous week. Corn, tobacco planting 99% complete; corn good; tobacco fair to good, insect infestation high some areas. Peach fair to good, early harvest underway. Wheat harvest started, crop poor to fair.

Vegetable harvest underway. Soybeans planted: 1976, 30%; 1975, 44%; average, 34%. Cotton planted. 1976, 97%; 1975, 94%; average 94%.

**SOUTH DAKOTA:** Showers weekend, heaviest south. Temperatures above average. Extremes: 93 and 28°.

Topsoil moisture improved. Adequate except northeast, east central. Crop growth slow. Alfalfa yields reduced. Fieldwork ahead of normal.

Row crop planted: corn 80%, 1975 70%, normal 69%; soybeans 60%, 1975 60%, normal 38%; sorghum 23%, 1975 22%, normal 19%; flax 91% seeded, 1975 55%, normal 70%. Winter rye booted 79%, 1975 21%, normal 42%. Winter wheat booted 69%, 1975 16%, normal 34%. Winter rye headed 19%, 1975 0%, normal 11%. Winter wheat headed 9%, 1975 0%, normal 0%. Spring wheat booted 5%, 1975 0%, normal 0%. Barley booted 7%, 1975 0%, normal 0%; oats booted 8%, 1975 0%, normal 0%. Livestock good. Grasses, feed getting short. Some stock water shortages.

TENNESSEE: Temperatures averaged mid 50's except mid 50's Cumberland Plateau, 5 to 7° below normals. Precipitation averaged less 0.50 in west, extreme east; between 0.50 in., 0.75 in. elsewhere.

Showers past 2 weeks promoted growth and development of most crops. Cool, damp weather west cotton area caused fields to be replanted. Frost hurt crops, gardens, fruit trees. Fieldwork: 3 days suitable. Army worms in wheat fields. Corn 89% planted, 82% last year, 78% average. Cotton 92% planted, 83% last year, 87% average. Soybeans 30% planted, 30% last year, 29% average. Rains improved small grain prospects. Development 10 days ahead normal. Wheat 53% turning yellow, 40% last year and average. Oats 40% turning yellow, 30% last year, 17% average. Barley 70% turning yellow, 55% last year, 40% average. Tobacco 53% transplanted, 45% last year, 33% average. Rains slowed hay harvest. First crop alfalfa 70%.

TEXAS: Cool dry weather dominated. Temperatures averaged 2 to 3° below normal. Northwest averaged 5 to 7° above normal. Rainfall below normal much State, above normal lower valley southwest, south plains. Averaged near 0.50 in. northern, 0.67 to 1.00 in. lower valley.

Cool weather slowed crop development. Corn, rice planting 99% complete. Wheat continues progress. Non-irrigated stands high plains sparse. Harvesting high, low plains should be full swing few weeks. Wet fields slow oat harvest north, although fields cut, bailed. Harvest behind last year. Rain delayed flax harvest, 13% complete 98% 1975. Cotton planting 68% complete. Sorghum seeding complete south central. Corn planting complete, tasselling started central, stands good, central.

Lower Rio Grande Valley: Wet weather problem tomatoes, onions, melons. Light supplies tomatoes, peppers available. Coastal Bend: cucumber, watermelon harvest expected, weather conditions permit. Harvest late cabbage delayed rains. Laredo: Onion harvest peaked. Watermelons ready harvest weather cooperates. San Antonio-Winter Garden: Potato harvest continues; peach harvest nearing completion; onion, squash harvest active. Market poor, onions. Watermelons, canatloups good growth; warm dry weather needed. East Texas planting sweetpotatoes continues. Harvest potatoes, tomatoes active; some early peaches, plums starting to market. North: Potatoes good, excellent progress, harvest expected soon, Knox-Haskell: Potatoes satisfactory progress; harvest expected June 1. High Plains: Potatoes, onions satisfactory progress. Farmers irrigating carrots, onions. Greenhouse tomatoes peak production. Cucumber planting complete; pepper planting still active. Peaches harvest active south. Early peaches harvest east, central. Pecans fair to excellent crop set. Ranges responding recent rains, cool nights slowed recovery rate. Cattle improving, vary fair to excellent. Screwworms still problem south. Shearing west central going well, slowed by rain.

UTAH: Scattered showers, thunderstorms north, east end of period. Moisture light. Temperatures near

normal to 8° above.

Sugarbeets planted, some being thinned. Planting progress: Field corn 75%, sweet corn 65%, potatoes 75%, green beans 80%, tomatoes 70%. Winter wheat fair to good. Fruit crop good. Soil moisture short to adequate. Livestock good; range, pasture fair to good.

VIRGINIA: Temperatures averaged normal. Extremes: 89 and 32°. Scattered frosts, heavy rainfall. Averaged 1.33 inches. Hail, wind damage reported on 17th.

Fieldwork: 4.1 days suitable. Topsoil moisture: 65% adequate, 34% short, 1% surplus. Corn planting: 86% complete, 1975 80%, average 76%. Herbicide applications active. Soybeans 25% planted. Peanuts 70% planted. Tobacco transplanting ahead normal. Flue-cured 61% set. Small grains improved, yields low. Ensilage cut, preparing to harvest grain. Vegetables cultivated. Fruit prospects uncertain. Pasture conditions slightly improved. Early hay yields very short, improved by recent rains. Livestock good condition. Sheep shorn.

WASHINGTON: West: Temperatures, precipitation below normal.

Planting corn, peas, carrots, potatoes, beans, vegetables, grass seeding. Winter wheat in boot. Wild blackberries, strawberries, blueberries full bloom. Raspberries good. Blueberries showing damage mummyberry disease. Field rhubarb harvesting. Forest tree nursery seeding Skamania County half completed. Bud break on Douglas fir last.

East: Temperatures 2 to 6° below normal except northeast. Precipitation below normal except east.

High winds damaged asparagus, peas. Planting beans, corn, potatoes. Cutting alfalfa, asparagus. Winter wheat, peas, lentils good except powdery mildew, drought stress showing on wheat. Spring crop seeding complete. Pastures good condition.

WEST VIRGINIA: Temperatures below normal west, above normal elsewhere. Precipitation early, slightly above normal.

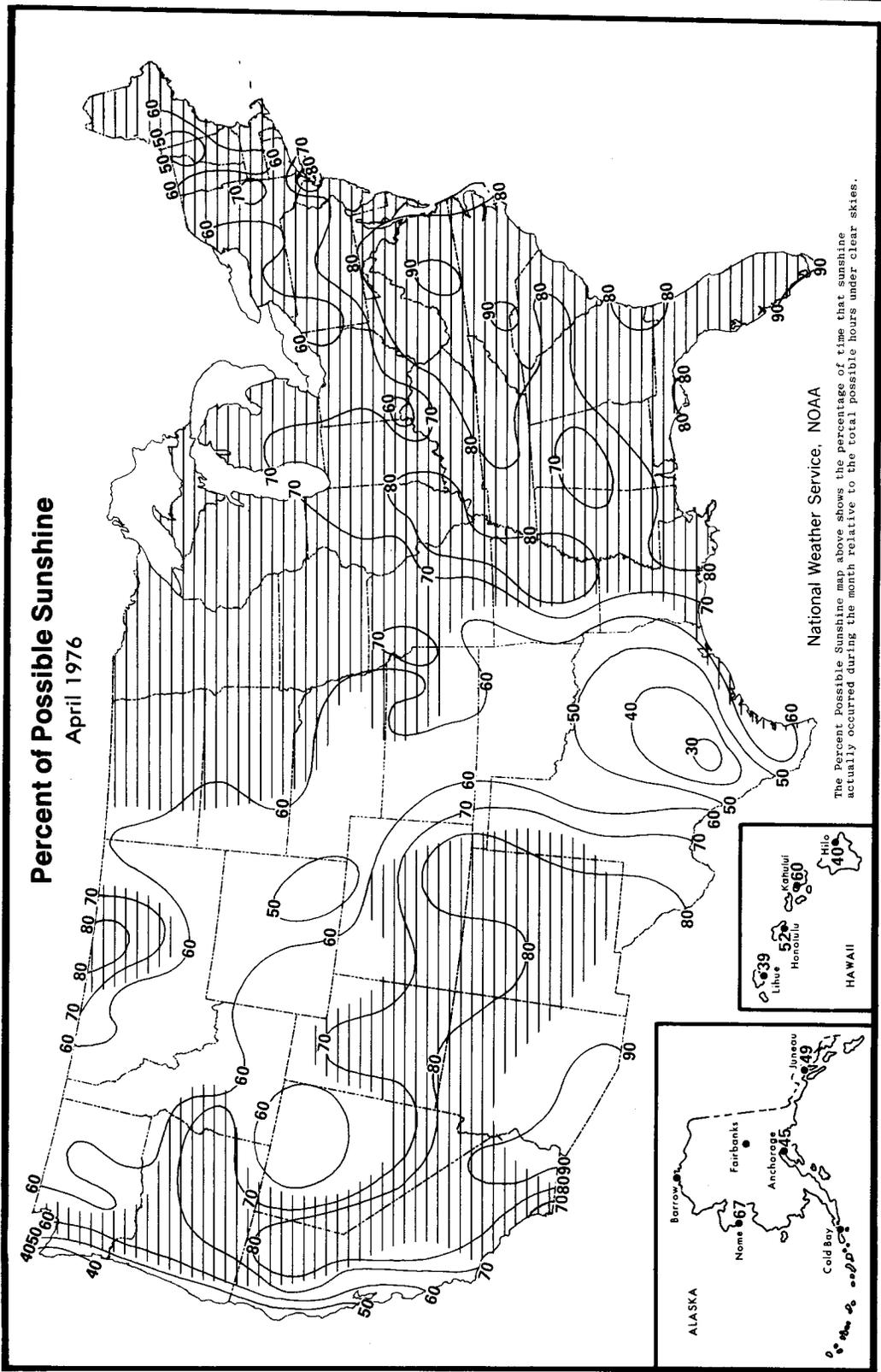
Fieldwork: 3.6 days suitable. Soil moisture adequate to short. Crops fair. Planted: Corn 72%. Emerged: oats 85%, potatoes 82%. Development: barley 65% headed, wheat 18% headed. Activities: planting corn, fencing, gardening. Pastures, hay crops short. Cattle good condition.

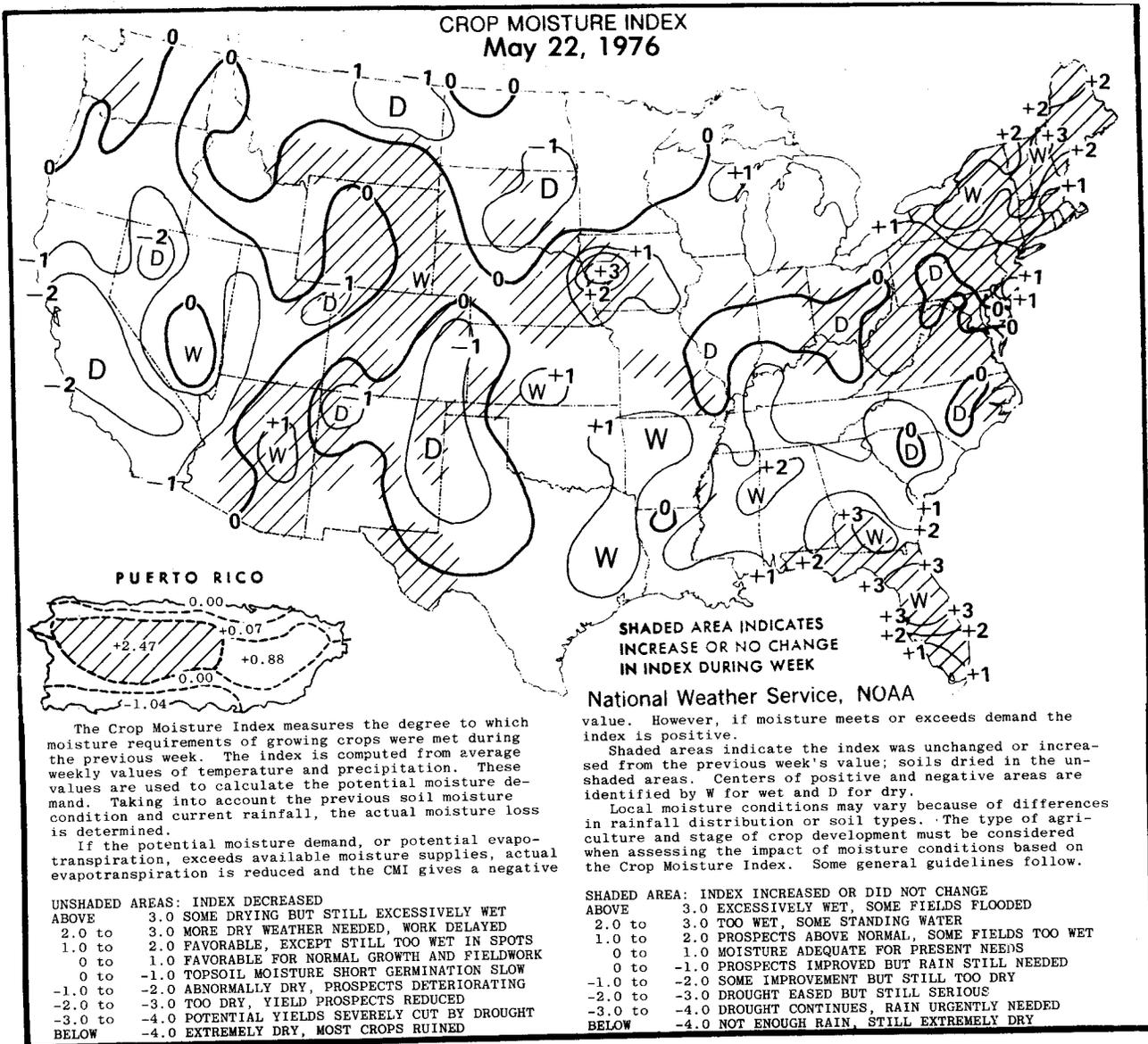
WISCONSIN: Temperatures 1 to 4° subnormal. Week cool, early frost north mornings 18th, 19th. Warm: at midweek, cooler end of period. Rainfall light, south 20th.

Planting well advanced, crops need warm weather and more moisture. Corn 75% planted, same as 1975, normal 55%. Soybeans 30% planted, 1975 25%, normal 20%. Early corn, needs warmer nights. Oats, wheat good, need moisture. Cold nights restricted hay, pastures. Pasture below normal. Soil moisture 30% short, 65% adequate, 5% surplus. Extremely dry northwest, some west. Planting potatoes, sweet corn, last peas.

WYOMING: Rainfall widespread, up to 1.46 reported. Temperatures above normal. High in 70's, low 20's, 30's.

Topsoil moisture improved. Plantings: spring wheat 94%, 63% 1975; oats 86%, 69% 1975; barley 93%, 74% 1975; sugarbeets 100%, 90% 1975; potatoes 38%, 27% 1975, average 53%, dry beans 2%, 2% 1975; average 16%, corn 70%, 52% 1975. Ewes lambed 75%, 75% 1975. Sheep shorn 84%, 85% 1975. Calving, farm flock shearing, lambing completed.





### World Weather and Crop Update

Typhoon Olga drenched Luzon in the Philippines last weekend, damaging crops and inadequately stored sugar. Typical of Asian typhoons, heavy rains also ended a long dry spell. Typhoon Pamela caused considerable crop damage on Guam.

Small amounts of rain benefited Europe's parched North Sea and Baltic regions. Soaking rains still are needed, not only for crops but to replenish ground water and stock ponds. More substantial rains helped out in the Alps vicinity and much of Eastern Europe.

In the USSR, rainfall was mostly light in the European sector, although substantial amounts fell in much of the southwestern Ukraine. Most of Moldavia and the southern Ukraine remained dry. Rain fell in parts of the important spring wheat region;

heaviest in Kazakhstan and the Urals where it was very much needed. Even Orenburg, where precipitation has become a rarity, received 0.50 inch.

Since April 1, precipitation for the most part lagged behind normal in the Canadian Prairie Provinces, especially Alberta. Little rain fell in Manitoba and Saskatchewan last week, while useful amounts favored much of Alberta.

Late springs rains gave winter grains a hand and assured moisture for spring crops in Turkey, but disrupted cotton planting. Recent weather has been generally favorable except for dry areas of the European sector.

Excellent spring moisture boosted pasture and range feed in Spain and enhanced crop conditions in general. Reports from Yugoslavia indicate similar conditions.



**FIRST CLASS MAIL**

COM- 210

**PLANTING PROGRESS**

Percent of Acreage Planted  
 (As of May 23)

**corn**

	1976	1975	Avg.
Ga.	98	N.A. <sup>1/</sup>	N.A.
Ill.	96	93	76
Ind.	95	85	55
Iowa	96	94	84
Kans.	80	85	75
Ky.	90	78	68
Mich.	58	66	57
Minn.	99	83	79
Mo.	85	87	72
Nebr.	90	85	75
N. C.	96	93	88
Ohio	95	90	75
S. Dak.	80	70	69
Wis.	75	75	53
U. S.	91	87	73

These 14 States produced 89% of the Nation's corn in 1975.

**spring wheat**

	1976	1975	Avg.
Idaho	85	70	N.A.
Minn.	100	N.A.	N.A.
Mont.	95	55	85
N. Dak.	100	69	83
S. Dak.	100	N.A.	N.A.
5-States	98	66	83

These 5 States produced 95% of the Nation's Spring Wheat (other than Durum) in 1975.

**cotton**

	1976	1975	Avg.
Ala.	95	93	94
Ark.	95	89	89
Ga.	100	N.A.	N.A.
La.	86	42	82
Miss.	95	67	84
Mo.	100	N.A.	N.A.
N. C.	97	96	94
Okla.	20	N.A.	33
S. C.	97	94	94
Tenn.	92	83	87
Tex.	68	69	49
11-States	79	73	66

These 11 States produced 68% of the Nation's cotton in 1975.

**sorghum**

	1976	1975	Avg.
Kans.	15	20	20
Mo.	35	51	34
Nebr.	40	40	30
Okla.	40	N.A.	25
S. Dak.	23	22	19
Tex.	77	70	79
6-States	49	48	49

These 6 States produced 90% of the Nation's sorghum grain in 1975.

**soybeans**

	1976	1975	Avg.
Ala.	40	47	41
Ark.	41	27	24
Ga.	43	44	47
Ill.	70	65	28
Ind.	50	50	15
Iowa	61	58	39
Kans.	10	25	20
Ky.	21	24	18
La.	34	14	42
Mich.	10	19	19
Minn.	80	49	46
Miss.	39	11	25
Mo.	34	49	31
Nebr.	40	45	30
N. C.	40	42	37
Ohio	70	60	40
S. C.	30	44	34
Tenn.	30	30	29

U. S. 50 45 32  
 These 18 States produced 96% of the Nation's soybeans in 1975.

<sup>1/</sup> Data not available.

