

Weekly Weather & Crop Bulletin

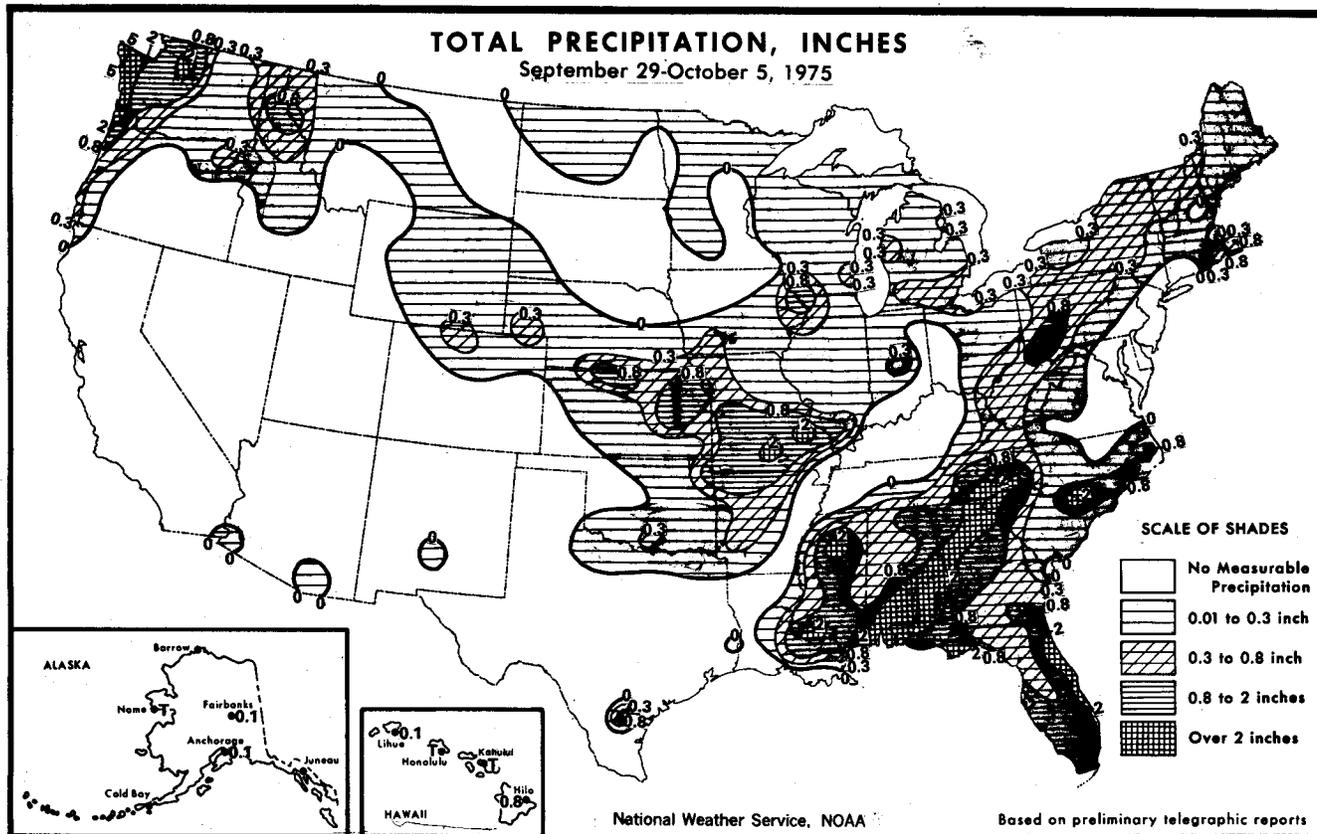
U. S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

U. S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

Volume 62, No. 40

WASHINGTON, D. C.

Oct. 7, 1975



USCOMB-NOAA-DC

NATIONAL WEATHER SUMMARY

For the Week of September 29-October 5

HIGHLIGHTS: Limited weekly precipitation across the Nation sharply contrasted heavy rains that soaked the East a week before. For most of the West it was a dry week with temperatures soaring above normal. However, light rains ended a month-long dry spell in the Pacific Northwest. Throughout the eastern half the mercury slipped as low as 10° below normal, especially in the southern Plains and middle Mississippi Valley.

Sunshine that greeted most of the Nation on Monday was especially welcome in the East, following heavy rains and flooding in that area. A few morning showers sprinkled across the upper Mississippi Valley to the western Great Lakes.

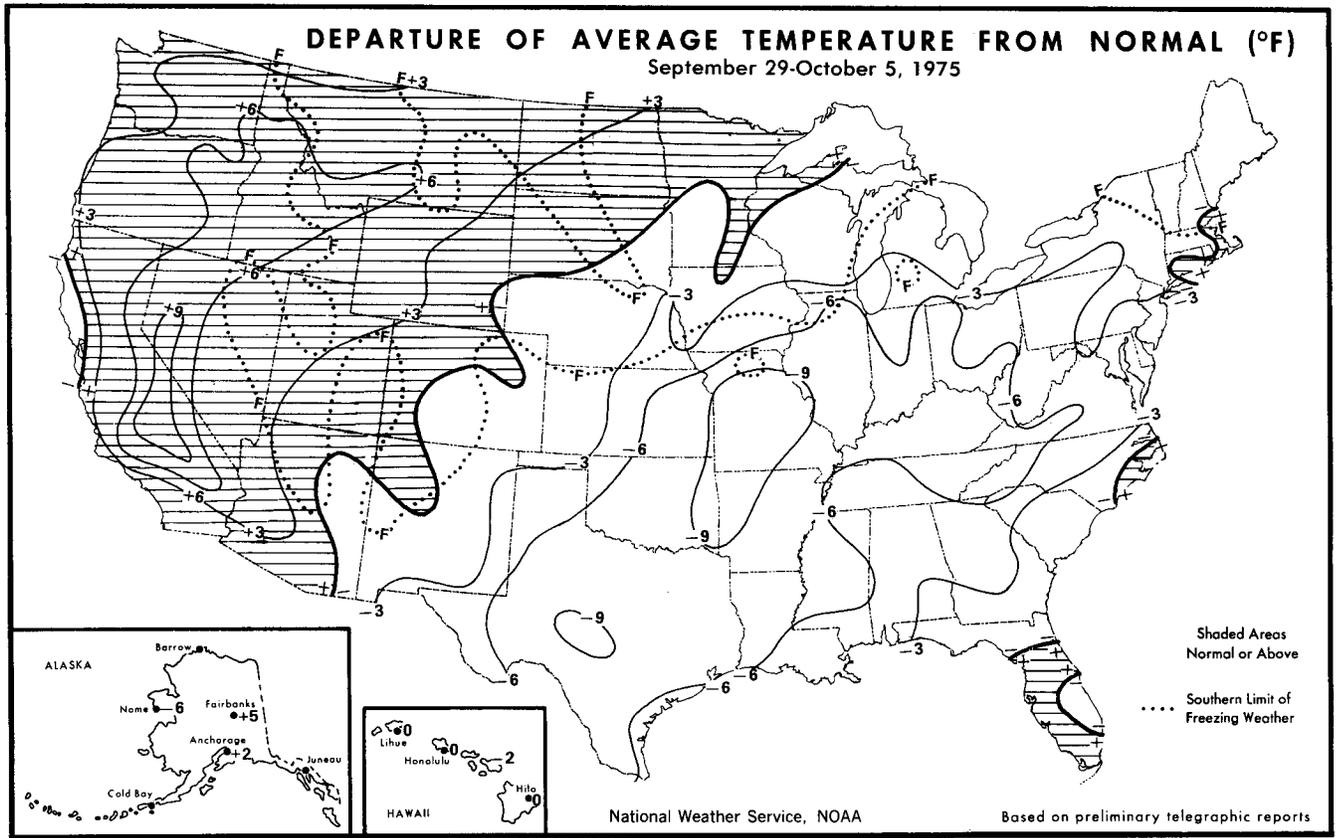
At dawn seasonably cool temperatures dominated much of the Country. Readings in the 50's reigned from the Canadian border southward to the Atlantic and Gulf Coast States. In parts of the central

Plains the mercury even skidded into the 20's. Mild weather favored the southern Atlantic Coast States, southern California, and the desert Southwest. As the afternoon air grew warmer temperatures edged upward: into the 70's from Augusta, Maine to Los Angeles, Calif.; 60's in the Dakotas; and 80's in the Southeast and Florida.

During the day isolated shower activity occurred in the Carolinas, Georgia, and throughout Florida. Evening rains developed in central U.S., mostly in Kansas, Oklahoma, and the Texas Panhandle.

A cold outbreak lowered nighttime temperatures on Monday into the 20's and 30's from the Plateau into the northern Plains. Laramie, Wyo. even measured an inch of snow. On Tuesday morning the colder air moved swiftly southward shoving the mercury to below normal levels throughout central U.S.

Notable precipitation on Tuesday took the form



of thundershowers from the central Plains to the middle Mississippi Valley; heaviest rains poured over eastern Kansas and western Missouri. Meantime, sunny skies went on uninterrupted in portions of New England and western U.S.

At the end of the day on Tuesday, September officially went on the books as a record dry month for Washington and Oregon. During September only a trace of rain appeared in Seattle, Wash., where normal monthly rainfall measures 1.99 inches. Astoria, Oreg. fared only slightly better, with 0.04 inches compared to normal 2.83 inches.

Wednesday dawned cool and breezy throughout central U.S., where clear skies kept temperatures at below normal levels. Morning lows plunged below freezing as far south as southwest Kansas. Readings in the 20's ranged from the central Rockies to northern Minnesota.

In the afternoon temperatures continued well below seasonal normals: 50's and 60's in the Plains and 40's in the northern Great Lakes region. Exceptions to this cooling trend, the Pacific Northwest and parts of the northern Plateau reported temperatures in the 80's. And, of course, the desert Southwest was still locked in summer with readings in the 90's.

Fog and low clouds along the Pacific Coast marred an otherwise sunny Wednesday in the western half of the Nation. In the East scattered showers sprang up along a cold front in the Great Lakes region and lower Mississippi Valley.

In the Atlantic Hurricane Gladys turned northward and was no longer a threat to the mainland.

A large high pressure center over Missouri kept Thursday's weather clear and cool across most of the Nation. Clouds persisted along the Pacific Coast and a slow moving cold front scattered light rains from the Ohio Valley and northern New York along the Appalachians into Mississippi.

Morning temperatures on Thursday erased previous

record lows across the Nation's midsection: Lincoln, Nebr., 30°; Springfield, Mo. 35°; and Lubbock, Tex. 40°. Parts of the Great Lakes region and high areas in the central Rockies shivered with readings in the 20's.

Clearing skies and polar air moving in from the West set the stage for a widespread area of frost or freeze; warnings were posted from southwest Missouri across the Ohio Valley and up the Appalachians to Vermont.

Clear skies and cool air again highlighted the National weather picture on Friday. A sprawling high pressure system from the Atlantic Coast to the Rockies resulted in more record lows: Pittsburg, Pa. 31°; Springfield, Mo., 33°; and Little Rock, Ark., 41°.

During the day sunshine brightened most of the Nation, though frontal systems from the Pacific targeted clouds and showers from the northern and central Pacific Coast to the northern Rockies. Cloudy skies with some showers were noted, too, along the southern Atlantic Coast. Rainfall in the Pacific Northwest ended the dry spell that put September precipitation at a record low level in Washington and Oregon.

Over the weekend limited precipitation turned up on opposite corners of the Nation. In the Northwest showers and gusts of over 60 mph swept through Montana and the Dakotas. And in the Southeast, thunderstorms dotted coastal areas from Louisiana through Florida and up the Atlantic Coast.

Afternoon temperatures covered a wide range: from the 40's in northern New England States to the low 100's in the desert Southwest. Hot air streaming north and east across the Plains States pushed temperatures into the upper 80's and 90's on Saturday. However, in Texas, Sunday morning's low of 44° put San Antonio at a record low temperature for the third day in a row.

NATIONAL AGRICULTURAL SUMMARY

For the Week of September 29-October 5

HIGHLIGHTS: Continued subnormal temperatures limited crop development in many Southern States, while a welcome frost ended the growing season in several Northern States. Damage to row crops was moderate as most crops in these areas were nearing maturity. Farmers took advantage of drier conditions and harvest of row crops advanced favorably. Seeding of winter grains was curtailed in many areas where rain is needed for good germination.

SMALL GRAINS: Small grain combining was winding down in the Mountain States. Winter wheat seeding is making good progress.

Spring wheat harvest was virtually complete except in Idaho and Montana. Combining was 90% finished in Montana and 95% in Idaho; progress in both States was ahead of the 1974 pace.

Winter wheat seeding made excellent gains, but trailed 1974 progress in several of the major winter wheat States. As of October 5th, seeding advanced to 53% finished versus 59% a year ago. In Kansas, 65% of the crop has been seeded trailing 75% in 1974. Wheat seeding was 44% done in Oklahoma and 52% in Texas. Progress in both States is much behind the 1974 and normal levels.

CORN: Subnormal temperatures hampered corn development over the eastern half of the Nation and frost hit several Corn Belt States. By October 5th, 21% of the 1975 corn for grain was harvested, ahead of 14% in both 1974 and normal.

In the North Central States, corn for grain was 18% harvested compared with 10% in 1974 and average. Frost over much of Iowa, Minnesota, Nebraska, Ohio, South Dakota, Wisconsin, northern Illinois, and northeast Indiana will aid drying and combining in these areas. Harvest made excellent progress in Illinois where 18% of the crop was harvested and in Iowa where harvest was 12% done; both were much ahead of the 1974 pace. Combining ranged from 5% complete in Michigan and Wisconsin to 43% in Missouri.

Harvest conditions improved in most Southern States. Combining was nearing the halfway point in the South Atlantic Region and was over one-third finished in the South Central area.

COTTON: Cotton development was hampered by prolonged below normal temperatures. By October 5th, cotton picking was 13% finished in the 11 major Southern States, behind last year's 14% and the usual 18%.

Chemical sprays for defoliation are being applied in Arkansas and North Carolina, but warmer weather is needed to help mature the bolls. Widespread defoliation in the Texas High and Low Plains is causing the bolls to open prematurely. Cotton harvesting made rapid progress in Texas and reached 21% completion, slightly behind the 1974 level. In Mississippi, harvest edged ahead to only 3% finished against the normal 17%.

In the Western States, cotton defoliation continues in California and picking started in the San Joaquin Valley. Harvest was limited in southeast New Mexico and underway in western Arizona.

SOYBEANS: Soybean development was curtailed in most Southern States by subnormal temperatures, while frost in several northern areas will favor

drying and combining. Harvest of the Nation's soybean crop was 20% complete by October 5th, ahead of the 17% in 1974 and average 15%.

In the North Central States, soybean combining, at nearly one-third complete, spurred ahead of last year's 24% and the normal 21%. Soybean harvest was active in Illinois with 53% of the crop out of the field, far ahead of 17% in 1974 and average 18%. In Missouri, 10% was harvested, 15% in Indiana, 20% in Ohio, and 41% in Minnesota.

In the South, combining was slightly behind 1974 and normal progress with 5% of the crop harvested. Harvest was 6% complete in both Arkansas and Mississippi.

OTHER CROPS: By October 5th, sorghum harvest in the 7 major States was 48% done versus only one-third in 1974. Combining was 67% finished in Texas and 20% in Kansas.

Tobacco harvest was nearly completed in Tennessee and Burley was 91% cut in Kentucky. Good curing weather prevailed in Tennessee and Wisconsin.

Peanut harvesting, at 55% done, made excellent progress in Texas. In Mississippi, 72% was harvested. Digging was behind normal in Alabama and Georgia.

Potato digging was in full swing in southern Idaho, but only 10% of the State's crop was out compared with 35% in 1974. Harvesting was being done around the clock in Aroostook County, Maine. Digging was two-thirds completed in Minnesota and three-fourths in North Dakota.

Sugarbeet lifting was making good progress in most major States, but stockpiling is still 1 or 2 weeks away in most areas.

FRUITS AND NUTS: Apple harvest was in full swing in most orchards across the Nation. Grape harvest was 40% finished in Michigan, much behind normal. In California, raisin trays continued to be rolled and boxed, and shipments were beginning. Table grape and juice varieties were being picked. Wine grape activity was increasing with higher sugar content.

Citrus was in excellent condition in Florida and Texas. Cool temperatures helped Florida citrus, which had a good natural color break. Harvest of early oranges was gaining in Texas. California Navels were developing 2 to 3 weeks late.

VEGETABLES: Vegetable harvest progressed rapidly in Wisconsin, Michigan, and New Jersey, but wet conditions limited activity in New York. Plantings were behind schedule in Florida low areas, where rains delayed fieldwork. Vegetable planting was active in the Texas Lower Rio Grande Valley, and harvest continued strong in many other areas. Vegetables were in good supply in the California Salinas Valley. Tomato harvest continued strong.

PASTURES AND LIVESTOCK: Continued cool weather in the eastern half of the Nation and dry weather in the West retarded pasture growth and caused a rapid decline in fall grazing prospects in many areas. Ranchers continue to move livestock off summer ranges to winter pastures. Livestock marketings were heavy in Texas and Oklahoma as ranchers culled in preparation for the fall and winter. Livestock remain in mostly good condition throughout the Country.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Oct. 5, 1975

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
ALA.Birmingham . . .	63	- 6	.4	- .3	La.Baton Rouge . . .	68	- 5	1.6	+ .9	Youngstown . . .	54	- 4	.1	- .5
Mobile . . .	70	- 4	4.1	+3.1	Lake Charles . . .	67	- 8	0	- .9	OKLA.,Okla. City . . .	61	- 7	0	- .7
Montgomery . . .	68	- 3	3.4	+2.6	New Orleans . . .	70	- 4	.1	- .7	Tulsa . . .	61	- 7	.1	- .8
ALASKA.Anchorage . . .	43	+ 2	.1	- .3	Shreveport . . .	66	- 7	T	- .7	OREG.Astoria . . .	56	0	2.3	+ .2
Barrow . . .	-	-	-	-	MAINE.Caribou . . .	48	- 1	.2	- .6	Burns . . .	58	+ 5	0	- .1
Fairbanks . . .	40	+ 5	.1	- .1	Portland . . .	51	- 3	T	- .7	Medford . . .	64	+ 5	T	- .3
Juneau . . .	-	-	-	-	MD.Baltimore . . .	59	- 4	T	- .6	Pendleton . . .	64	+ 6	T	- .3
Kodiak . . .	-	-	-	-	MASS.Boston . . .	63	+ 3	T	- .6	Portland . . .	59	+ 1	T	+ .1
Nome . . .	29	- 6	T	- .4	Chatham . . .	59	- 1	1.9	- .6	Salem . . .	61	+ 3	.6	- .0
ARIZ.Flagstaff . . .	54	+ 2	0	- .4	MICH.Alpena . . .	50	- 2	.3	- .3	PA.Allentown . . .	56	- 3	T	- .7
Phoenix . . .	82	+ 4	0	- .1	Detroit . . .	54	- 3	.3	- .2	Erie . . .	55	- 2	.4	- .4
Tucson . . .	77	+ 2	T	- .2	Flint . . .	55	- 1	.1	- .4	Harrisburg . . .	58	- 3	.1	- .5
Winslow . . .	63	- 1	0	- .2	Grand Rapids . . .	54	- 3	.2	- .5	Philadelphia . . .	61	- 2	T	- .6
Yuma . . .	84	+ 2	.1	+ .1	Houghton Lake . . .	52	0	.2	- .5	Pittsburgh . . .	53	- 5	.5	- .1
ARK.Fort Smith . . .	59	- 10	.2	- .6	Lansing . . .	53	- 4	.3	- .3	Scranton . . .	56	- 2	.1	- .5
Little Rock . . .	60	- 8	.2	- .5	Marquette . . .	53	0	.1	- .6	R.I. Providence . . .	57	- 1	.7	0
CALIF.Bakersfield . . .	81	+ 9	0	0	Muskegon . . .	53	- 4	.1	- .6	S.C.Charleston . . .	70	- 1	T	- .9
Eureka . . .	56	0	T	- .4	S. Ste. Marie . . .	49	- 2	.2	- .5	Columbia . . .	68	- 1	.2	- .6
Fresno . . .	73	+ 4	0	- .1	MINN.Duluth . . .	51	+ 1	T	- .6	Greenville . . .	60	- 7	.8	0
Los Angeles . . .	73	+ 2	0	0	Internatl Falls . . .	51	+ 2	T	- .6	S.D.Aberdeen . . .	56	+ 2	0	- .4
Red Bluff . . .	73	+ 3	0	- .1	Minneapolis . . .	55	0	T	- .5	Huron . . .	55	0	T	- .4
San Diego . . .	69	+ 1	0	0	Rochester . . .	54	- 1	T	- .6	Rapid City . . .	57	+ 2	T	- .2
San Francisco . . .	60	- 3	0	- .1	St. Cloud . . .	52	- 1	T	- .5	Sioux Falls . . .	54	- 2	T	- .5
Stockton . . .	71	+ 3	0	- .1	MISS.Jackson . . .	64	- 7	.8	+ .3	TENN.Chattanooga . . .	60	- 6	.6	- .2
COLO.Denver . . .	57	0	.1	- .2	Meridian . . .	61	- 9	.3	- .3	Knoxville . . .	59	- 7	.8	+ .2
Grand Junction . . .	62	+ 1	0	- .2	MO.Columbia . . .	54	- 9	.2	- .8	Memphis . . .	62	- 6	0	- .6
Pueblo . . .	58	- 2	0	- .2	Kansas City . . .	55	- 9	.7	- .2	Nashville . . .	61	- 6	T	- .5
CONN.Bridgeport . . .	63	+ 1	0	- .6	St. Louis . . .	56	- 9	.1	- .5	TEX.Abilene . . .	64	- 7	T	- .6
Hartford . . .	57	0	T	- .7	Springfield . . .	54	- 10	.9	0	Amarillo . . .	61	- 4	T	- .4
D.C.Washington . . .	62	- 3	T	- .6	MONT.Billings . . .	60	+ 6	T	- .3	Austin . . .	67	- 8	0	- .8
FLA.Apalachicola . . .	73	- 2	2.3	+1.0	Glasgow . . .	55	+ 3	T	- .1	Beaumont . . .	67	- 7	0	- 1.0
Daytona Beach . . .	79	+ 2	3.2	+1.7	Great Falls . . .	58	+ 5	.1	- .1	Brownsville . . .	73	- 6	T	- 1.1
Ft. Myers . . .	81	+ 2	.9	- .7	Havre . . .	55	+ 3	T	- .2	Corpus Christi . . .	73	- 5	T	- .9
Jacksonville . . .	74	- 1	2.0	+ .5	Helena . . .	53	+ 3	T	- .2	Del Rio . . .	70	- 6	0	- .7
Key West . . .	83	+ 1	1.0	- .6	Kalispell . . .	51	+ 3	.3	+ .1	El Paso . . .	66	- 3	0	- .2
Lakeland . . .	78	0	.7	- .3	Miles City . . .	57	+ 3	T	- .2	Fort Worth . . .	72	- 1	0	- .7
Miami . . .	81	+ 1	1.3	- .9	Missoula . . .	55	+ 6	.1	- .1	Galveston . . .	71	- 6	0	- 1.0
Orlando . . .	79	+ 2	1.4	0	NEBR.Grand Island . . .	58	- 1	.1	- .3	Houston . . .	66	- 9	0	- 1.0
Tallahassee . . .	73	- 1	.3	- .8	Lincoln . . .	57	- 3	.1	- .4	Lubbock . . .	62	- 4	0	- .6
Tampa . . .	81	+ 3	1.7	+ .7	Norfolk . . .	57	- 1	T	- .4	Midland . . .	64	- 7	0	- .4
W.Palm Beach . . .	78	- 2	1.5	- .8	N.Platte . . .	55	- 2	.1	- .3	San Angelo . . .	63	- 9	0	- .6
GA.Atlanta . . .	62	- 5	2.2	+1.6	Omaha . . .	58	- 2	.1	- .4	San Antonio . . .	68	- 7	0	- .8
Augusta . . .	67	- 2	T	- .6	Valentine . . .	56	0	0	- .3	Victoria . . .	69	- 7	0	- 1.0
Macon . . .	67	- 4	1.0	+ .4	NEV.Ely . . .	55	+ 4	0	- .1	Waco . . .	67	- 7	0	- .7
Savannah . . .	70	- 2	T	- 1.0	Las Vegas . . .	78	+ 4	0	0	Wichita Falls . . .	64	- 8	.1	- .6
HAWAII.Hilo . . .	75	0	.8	- 1.2	Reno . . .	63	+ 8	0	- .1	UTAH,Blanding . . .	63	+ 5	0	- .2
Honolulu . . .	80	0	T	- .2	Winnemucca . . .	61	+ 7	0	- .1	Salt Lake City . . .	63	+ 5	0	- .2
Kahului . . .	76	- 2	T	- .1	N.H.Concord . . .	52	- 2	T	- .6	VT.Burlington . . .	53	- 1	.6	0
Lihue . . .	78	0	.1	- .5	N.J.Atlantic City . . .	55	- 7	T	- .7	VA.Lynchburg . . .	57	- 6	T	- .7
IDAHO.Boise . . .	65	+ 7	0	- .1	Trenton . . .	59	- 3	T	- .6	Norfolk . . .	63	- 4	T	- .8
Lewiston . . .	64	+ 7	.1	- .1	N.MEX.Albuquerque . . .	62	+ 2	0	- .2	Richmond . . .	60	- 4	T	- .7
Pocatello . . .	59	+ 5	0	- .1	Roswell . . .	63	- 2	0	- .4	Roancke . . .	57	- 6	T	- .8
ILL.Cairo . . .	61	- 6	0	- .7	N.Y.Albany . . .	55	- 1	.1	- .6	WASH.Colville . . .	57	+ 5	.1	- .1
Chicago . . .	55	- 6	.2	- .5	Binghamton . . .	50	- 5	.3	- .4	Omak . . .	58	+ 3	T	- .1
Moline . . .	55	- 5	.6	- .2	Buffalo . . .	55	- 1	T	- .7	Quillayute . . .	54	0	5.5	+3.5
Peoria . . .	54	- 6	.2	- .5	New York . . .	60	- 3	T	- .6	Seattle-Tacoma . . .	59	+ 3	1.3	+ .6
Rockford . . .	52	- 6	.2	- .6	Rochester . . .	55	- 2	.1	- .5	Spokane . . .	59	+ 5	.8	+ .6
Springfield . . .	56	- 6	.2	- .6	Syracuse . . .	56	- 1	.4	- .2	Walla Walla . . .	63	+ 3	.1	- .2
IND.Evansville . . .	57	- 7	0	- .6	N.C.Asheville . . .	55	- 7	.7	- .1	Yakima . . .	59	+ 3	T	- .1
Ft. Wayne . . .	53	- 6	T	- .6	Charlotte . . .	62	- 5	.2	- .5	W.Va.Beckley . . .	54	- 4	.1	- .6
Indianapolis . . .	55	- 6	.3	- .3	Greensboro . . .	60	- 4	T	- .7	Charleston . . .	56	- 6	.5	- .1
South Bend . . .	55	- 4	.1	- .6	Hatteras . . .	71	+ 2	1.2	0	Huntington . . .	56	- 6	.8	+ .3
IOWA.Burlington . . .	54	- 7	0	- .8	Raleigh . . .	61	- 4	T	- .7	Parkersburg . . .	54	- 8	.4	- .1
Des Moines . . .	56	- 4	.1	- .5	Wilmington . . .	70	0	.2	- .8	WIS.Green Bay . . .	52	- 2	.1	- .5
Dubuque . . .	52	- 5	1.0	+ .1	N.DAK.Bismarck . . .	54	+ 2	T	- .2	La Crosse . . .	55	- 2	T	- .6
Sioux City . . .	56	- 3	T	- .5	Fargo . . .	55	+ 2	0	- .3	Madison . . .	53	- 2	.2	- .4
KANS.Concordia . . .	58	- 4	.6	0	Williston . . .	55	+ 4	.1	- .1	Milwaukee . . .	55	- 1	.4	- .2
Dodge City . . .	62	- 2	T	- .4	OHIO,Akron-Canton . . .	54	- 5	T	- .6	WYO.Casper . . .	55	+ 2	T	- .2
Goodland . . .	59	0	T	- .3	Cincinnati . . .	55	- 7	T	- .5	Cheyenne . . .	53	0	0	- .2
Topeka . . .	56	- 7	1.1	+ .4	Cleveland . . .	55	- 4	.1	- .5	Lander . . .	57	+ 4	T	- .3
Wichita . . .	59	- 6	.1	- .7	Columbus . . .	56	- 4	T	- .4	Sheridan . . .	57	+ 4	.1	- .2
KY.Lexington . . .	56	- 7	0	- .5	Dayton . . .	54	- 7	T	- .5	P.R.San Juan . . .	83	+ 2	.6	- .7
Louisville . . .	58	- 6	T	- .6	Toledo . . .	51	- 7	.6	+ .1					

Based on 1941-70 Normals

The Weekly Weather and Crop Bulletin is published by the National Weather Service, NOAA, and Statistical Reporting Service, USDA. Standard copy for the Bulletin is prepared by Dr. Richard E. Felch, agricultural climatologist, Lyle M. Denny, Orus W. Byrd, meteorologists, DeLon Brown, agricultural statistician, and Susan E. Atkins, editor.

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: Wet, cool and mostly cloudy week. Rainfall amounts ranged from moderate northwest to very heavy south. Temperatures averaged 4° cooler than normal.

Rains slowed harvesting of crops. Corn condition good except southeast, 33% harvested, 33% 1974; average 26%. Soybean condition good, 66% leaves turning yellow, 39% matured. Cotton condition fair, 41% shows open bolls. Peanut condition good 72% dug; 65% combined, 79% combined 1974; average 81%. Pecans poor to fair condition. Hay harvest slowed at 89% harvested. Seeding of small grains and winter grazing crops underway. Pastures good, soil moisture adequate to surplus.

ALASKA: Temperatures averaged about 4° above normal at all stations. Precipitation was mostly below normal except at Kodiak which had 6.10 in. of rain. Kodiak has had 9.50 in. of rain above the seasonal normal.

Potato harvest was virtually completed in the Tanana and Matanuska Valleys with a few acres remaining to be dug on the Kenai Peninsula. Progress of grain harvest slowed by high moisture content and lodging. Ground moisture supply mostly adequate.

ARIZONA: Temperatures warmer than normal northwest, below normal northeast and southeast. Scattered precipitation central, eastern mountains.

Cotton maturing, chemical defoliants applied some fields. Harvesting underway west, preparations other areas. Harvest grain sorghum limited. Preparations, plantings spring sugarbeets, difficulty getting satisfactory stands. Renovation, replanting alfalfa hay. Lettuce good progress central. Mixed vegetables seasonal progress. Stand establishment difficult Yuma. Chili active southeast, lettuce harvest beginning. Lemon harvest increasing Salt River Valley, Yuma. Cattle good condition. Grazing poor deserts, good mountains. Water short.

ARKANSAS: Temperatures for week 6 to 10° below normal. Extremes: 87 and 30°. Rainfall light. Most stations had no rain.

Fieldwork 6 days included: Combining rice, sorghum, soybeans, picking cotton, seeding small grains. Soil moisture adequate. Cotton bolls opened rapidly in defoliated fields. All cotton sprayed with defoliants. Warm weather needed to mature bolls and drop leaves. Bolls 55% open, 43% 1974, 57% average; 10% picked, 3% 1974, 11% average. Rice harvest 67% complete, 49% 1974, 50% average; combining progressed fast. Soybeans in good condition; harvest 6% complete, 7% 1974, 8% average; late beans maturing rapidly. Sorghum grain harvest continued as crop matured. Small grain seeding continued between harvest activities. Heavy morning dew slowed hay curing, most storage facilities full as harvest wound down. Grasslands providing adequate to surplus forage. Cattle in good condition.

CALIFORNIA: Scattered showers and thunder-showers Sierra Nevada on 1st and light rain extreme north coast on 3d, otherwise, fair inland and night and morning low clouds on coast. Highs 85 to 95° Central Valley and inland coastal valleys. Lows in 50's Central Valley except 60's

southern San Joaquin, and 40's inland coastal valleys. Averages slightly below normal north and central coast, near normal south coast, and mostly 2 to 7° above other areas.

Milo, rice, dry bean, and corn harvest active. Alfalfa cutting seasonal decline. Sugarbeet digging continues, new crop growing well. Cotton defoliation continues, picking started San Joaquin Valley. Raisin trays rolled, boxed, shipments beginning at packing plant; tray counts up. Table grapes continue, juice varieties picked for processing. Wine grape activity increasing; higher sugar north coast. Salt marsh caterpillars in bulk shipments, Fresno, causing rejection. Valencia harvest virtually complete. Navels developing 2 to 3 weeks late. Almond harvest active, progressing to hard-shell varieties. Walnut husk fly spray nearly complete, harvest beginning. Broccoli, cauliflower, carrots, celery, lettuce, bell peppers continue good supply in Salinas Valley. Westside cantaloup, Orange County sweet corn and Sacramento Valley honeydew nearing end. Potato digging on limited scale Tularelake. Fresh market tomatoes normal San Joaquin Valley, canning tomatoes strong Sacramento Valley. Rain morning of 6th caused slight slow down in tomato harvest, but more rain will have to occur before extensive damage. Feed, pasture critical in range areas. Water levels dropping. Calving continues, few losses by predators. Sheep on alfalfa stubble.

COLORADO: Temperatures 3° below normal despite warm afternoons. Generally dry, mild weather. Showers early week averaging 0.10 in. precipitation northeast, dry elsewhere.

Corn for silage 96% complete, 94% 1974, 87% average. Corn for grain 89% mature, 91% 1974, 87% average; 4% harvested, 17% 1974, 5% average. Winter wheat 93% planted, 90% 1974, 92% average; 65% emerged, 59% 1974, 72% average. Dry beans 90% cut, 59% threshed. Sugarbeet harvest just underway. Third cutting alfalfa 75% complete. Ranges and pastures generally fair to good except southeast poor. Livestock good condition.

FLORIDA: Temperatures averaged near normal except cooler Panhandle. Rainfall generally light to moderate some heavy Panhandle over week-end.

Soil moisture excessive south, northeast and west; mostly adequate elsewhere. Frequent showers delaying harvest of soybeans and peanuts. Mature soybeans deteriorating some because of excessive moisture. Most corn harvested. Showers interrupting land preparation for planting small grains. Sugarcane making good progress. Cutting for seed and planting slowed due to showers. Pastures mostly good condition despite excess moisture. Cattle, calves good condition. Citrus excellent condition. Heavy rains brought on new growth all areas. Good natural color break, cool temperatures helping. Vegetable crop conditions, plant growth mostly good. Low areas showing adverse effects from rains which also are delaying fieldwork. Plantings behind schedule. Harvest pole beans, north. Sweet corn harvest Everglades. Cucumbers, west central, squash, north, central and south.

GEORGIA: Temperatures averaged 1° below normal southeast and 4 to 8° below elsewhere. Cool

early period and again on 2d and 3d. Light frost in mountains on 3d. Rainfall light southeast totaling less than 0.20 in., elsewhere averaged 0.50 to 1.00 in., except near 1.50 in. northwest. Moderate rains extreme west over weekend, and a few light showers elsewhere.

Soil moisture mostly adequate to surplus. Fieldwork active, 4 days suitable. Peanut harvest advanced to 85% dug, 75% threshed, 1974 92% and 83%, average 97% and 94%. Condition good, need more open weather. Corn good, 42% harvested, 1974 41%, average 43%. Logging a problem in many areas. Cotton fair, defoliation active, 5% harvested, 1974 19%, average 32%. Soybeans fair to mostly good, 2% harvested, 1974 2%, average 3%, insects still troublesome. Tobacco markets closed October 2d, longest marketing season of record. Pecans mostly fair to good, 3% harvested. Northern apple harvest continued. Hay harvesting active as weather permitted. Pasture condition good. Wheat 12% planted, rye 18%, other small grains 18%. Cattle and hogs good.

HAWAII: Crop growth favorable. Showers generally light, confined to higher elevation. Heavy irrigation and frequent spraying necessary to maintain fair to good crop progress. Insect damage heavy to mature tomato fields on Maui. Vegetable supplies adequate. Late watermelon crop in active harvest. Banana production moderate to heavy. Apple variety on seasonal increase. Papaya production fluctuating. Pastures are poor in some sections of Kauai and Hawaii. Sugar drying in some reservoirs on Oahu. Rationing of irrigation water continuing on Hawaii, Kauai, and Oahu.

IDAHO: Temperatures generally below normal early week, but warmed end week. Average temperature 1 to 4° above normal north, near normal southwest, 1 to 3° below normal southeast. Few showers north late week.

Potato harvest full swing south. Harvest small grains completed most areas. Sugarbeet harvest gained momentum. Spring wheat 95% harvested, 100% 1974. Onion harvest 85% complete, same 1974. Potato harvest 10% complete, 35% 1974. Pastures and ranges adequate forage livestock. Cattle good to excellent shape.

ILLINOIS: Temperatures 4 to 9° below normal. Precipitation 0 to 0.50 in.

Corn harvest 18% complete, 8% 1974 and average; harvest active. Soybean harvest 53% complete, 17% 1974, average 18%; harvest active. Seeding winter wheat 40% complete, 31% 1974 and average. Grain sorghum harvest 20% complete. Pastures mostly good to excellent condition. Soil moisture 2% short, 92% adequate, 6% surplus. Fieldwork: 6 days suitable.

INDIANA: Cool sunny week. Rainfall 0.10 to 0.20 in. north and central, very little south. First fall freeze on 3d. Temperatures 29 to 32°. Except 33 to 35° along Ohio River, Lake Michigan and west central.

Fieldwork averaged 6 days. Topsoil and subsoil moisture adequate. Corn 10% harvested, same as average, 5% 1974. Corn 90% mature, average 80%, 55% 1974. Soybeans 15% combined, average 20%, 10% 1974. Soybeans 70% mature. Plowing wheat land 80% complete, equal to 1974, week behind average. Wheat seeded 30%, 35% average, 20% 1974. Silos 85% filled, 1974 60%. Apples 60% picked same as average, 1974 55%. Tobacco 90% harvested, 1974 85%. Pastures mostly fair to good.

IOWA: Temperatures 1 to 7° below normal for the 4th successive week. Killing frost morning of 2d over north, scattered elsewhere. Precipitation 0.60 in. below average. Scattered light showers on 29th and 30th. Amounts generally less than 0.10 in.

Excellent week for harvesting crops. Frost welcomed to kill weeds, dry crops. General frost October 1st and 2d. Corn harvested 12%, 4% 1974, 9% average; lodged corn harvested first. Moisture percentage dropping due to good drying conditions. Soybeans virtually all safe from frost. Soybean harvest 24%, 28% 1974, 21% average. Winter wheat 64% seeded, 59% 1974, 61% average. Grain sorghum harvested 17%, 9% 1974, 17% average. Fall plowing 7% complete. Soil moisture mostly adequate. Fieldwork averaged 6 days suitable.

KANSAS: Unseasonably cool east and central. Locally 0.50 to over 1.00 in. rains many counties east and north central. Temperatures average 57° northeast to 62° southwest.

Wheat 65% planted, same as average, 75% 1974. Corn 90% mature, 85% 1974 and average, 35% harvested, 25% 1974, 20% average. Sorghum grain 70% mature, 45% 1974, 60% average, 20% harvested, 5% 1974, 15% average. Winter barley 55% planted same as 1974, average 50%. Soybeans 5% harvested, same as 1974, average 15%.

KENTUCKY: Near normal 1st of week, below normal by weekend. Season's first frost on 3d. Precipitation averaged less than 0.50 in. statewide with most measurable amounts east and southeast.

Soil moisture 84% adequate, 16% surplus. Farm work centered around harvesting corn, soybeans, hay, and tobacco, and seeding fall small grains. Fieldwork favorable 6 days. Burley 91% cut, 1974, 96%. Houseburn damage to 33% of housed crop, severity generally light. Corn 19% harvested, 1974 11%, average 18%. Soybeans maturing rapidly, leaves turning yellow 42%, 1974 31%, average 32%; shedding and harvested 43%, 1974 35%, average 33%. Winter wheat seeding 19% complete, 1974 14%, average 23%. Pasture condition 93%.

LOUISIANA: Temperatures 6 to 10° below. Locally 1.00 in. rain south central and east central 30th to 1st. Greatest 1-day rain, 1.58 in. on 1st. Temperature extremes 87 and 37°.

Harvesting good progress, fieldwork possible 6.1 days. Soil moisture adequate. Cotton, soybean, sweetpotato, rice, and hay harvest main activities. Soybeans 19% harvested, 29% 1974, 14% average; early variety yields good. Cotton 7% harvested, 7% 1974, 17% average. Rice harvest virtually complete statewide, 50% harvested north. Grain sorghum 50% combined. Corn harvested 82%. Sugarcane planted 80%; harvest begins October 6th. Sweetpotatoes 50% harvested; need rain for sizing and quality. Wheat 25%, oats 35% planted. Hay 80% harvested. Pasture feed average. Livestock good.

MARYLAND AND DELAWARE: Temperatures averaged slightly below normal. Highs mid-80's, lows low 30's. Precipitation ranged from a trace to 0.74 in. Heaviest amounts occurred in central Maryland.

Corn for grain 50% harvested, 32% 1974, average 43%. Corn for silage 85% harvested, 96% 1974, 89% average. Soybeans 55% shedding leaves, equal to 1974, 5% harvested, 3% 1974, average 5%. Sweetpotatoes 50% harvested, average 34%. Peak apple harvest during week. Seeding of small grains active.

MICHIGAN: Gradual warming trend with temperatures

in mid-60's to 70's. Showers accumulating less than 0.10 in.

Soil moisture adequate. Fieldwork: 5 days. Corn 60% mature; harvest for grain 5%; silage harvest 70%; 55% 1974; 65% normal. Soybeans 40% mature; equal to 1974 and average; harvest 57%, 10% 1974. Dry beans 80% pulled, 72% 1974, 70% average. State wide potato digging 60%; 70% Upper Peninsula. Sugarbeet digging 5%, 6% 1974 and normal. Winter wheat planting 60%, 70% normal. Third cutting alfalfa hay 50%, 60% normal. McIntosh apple picking 85%, 95% 1974. Jonathan and Red Delicious picking 50% and 40%, respectively. Grape harvest 40%, 60% normal. Cabbage and cauliflower 70% done. Carrot and onion digging winding up. Pasture feed supplies average.

MINNESOTA: Warm dry week. Temperatures from normal south to 3° above normal north. Extremes: 89 and 21°. Precipitation less than 0.10 in. or about 0.50 in. below normal. Temperatures of 32° or lower now recorded statewide.

Soybean harvest 41% completed, 1974 69%, average 33%. Dry sunny weather aided field drying of grain corn; harvesting 8% completed, 1974 13%, average 9%. Filling corn silos nearing completion most areas, average progress 89%. Flax combining northern counties nearing completion. Digging fall potatoes 66% completed, slightly ahead of average. Sugarbeets 10% harvested, digging slow until cool weather permits stockpiling. Dry soils hindering completion plowing small grains and hay stubble in several areas.

MISSISSIPPI: Temperatures 5 to 10° subnormal. Extremes: 87 and 30°. Greatest 24-hour rainfall was 7.58 in. at Merrill on the 30th and 1st.

Soil moisture mostly adequate except adequate to surplus northeast and southeast. Fieldwork: 4.0 days suitable. Cotton 79% open bolls, 58% 1974, 59% average; 3% harvested, 5% 1974, 17% average. Soybeans 48% shedding; 19% mature, 14% 1974, 29% average; 6% harvested, 6% 1974, 11% average. Rice 84% mature; 52% harvested, 47% 1974. Corn 93% mature, 90% average; 30% harvested, 41% 1974, 31% average. Sorghum 86% mature, 50% harvested. Winter wheat 38% and oats 40% planted. Sweetpotatoes 49%, peanuts 72%, and hay crops 85% harvested. Cotton in poor to fair condition. Other crops in good condition.

MISSOURI: Temperatures 7° below normal. Precipitation was negligible in Bootheel, elsewhere ranged from 0.54 in. east Ozarks to 1.21 in. west Ozarks.

Soil moisture adequate. Fieldwork: 4 days suitable. Corn 43% harvested, 21% 1974 and average. Soybeans 49% mature, 32% 1974, 51% average; 10% harvested, 7% 1974, 13% average. Grain sorghum 84% mature, 56% 1974, 71% average; 41% harvested, 15% 1974, 20% average. Cotton 14% harvested, 4% 1974, 12% average. Winter wheat 25% seeded. Plowing for spring planting crops 12% complete.

MONTANA: Unseasonably warm, dry week. Temperatures averaged 3 to 6° above normal. Light precipitation late week west, little or none elsewhere. Extremely windy on 4th.

Harvest progress good, 90% spring wheat, barley, oats combined. Normally and 1974 100%. Sugarbeet digging 15% at end of first week of harvest. Potatoes 25%, corn silage 80%, dry beans 65%, flaxseed 90%, second cutting alfalfa 95% harvested. Seeding winter wheat 80% done, 1974 95%, normal 90%. Grasshoppers active new seeding on field borders. Topsoil moisture short south. About 40% cattle and 45% sheep moved from summer pastures.

NEBRASKA: Temperatures below normal. Precipitation 0.20 to 0.40 in. south.

Topsoil moisture supplies 93% short and 7% adequate. Subsoil moisture supplies 97% short and 3% adequate. Corn 15% harvested, 1974 20%, normal 10%; 95% mature, about normal. Sorghum harvest at rapid pace; 45% harvested, 1974 20%, normal 10%; 95% ripe, 80% 1974, 90% normal. Soybeans 35% harvested, same as 1974; 85% mature, same as normal. Wheat seeding 95%, same as 1974 and near normal. Alfalfa hay 70% 4th cutting finished. Dry bean harvest almost complete. Sugarbeet harvest underway. Pasture and range feed supplies 85% short.

NEVADA: Summer like days, cool nights. Temperatures averaged about 5° above normal. Extremes: 19° Mountain City, 96° Las Vegas and Logandale.

Alfalfa seed harvest well along. Good progress potato digging. Alfalfa hay 3d cutting continued north and west. Sixth cutting started southern valleys. Most cotton bolls open Pahump Valley. Livestock beginning to move off summer ranges.

NEW ENGLAND: Fine weather throughout New England except showers on 1st. Less than normal rainfall. Temperatures to 70's until midweek, cooler thereafter.

Corn chopping resumed by midweek with south ending and north past midway. Potato digging tapering off south. Aroostook County, Maine harvest around the clock. Quality good, yields off. Apple harvest now into latest varieties. Cranberry harvest advancing rapidly.

NEW JERSEY: Temperatures averaged 4° below normal south and 2° below normal elsewhere. Frost was quite general on 30th. Extremes: 29° at Newton on 30th and 81° at Bridgeton on 1st. Rainfall was light. Heaviest 24-hour total 0.13 in. at Hamonton.

Estimated soil moisture, in percent of field capacity, averaged 86 north, 77 central and 71 south. Harvest of fall crops advancing. Lettuce supplies moderate to heavy. Cabbage, snap bean and pepper volumes moderate. White potato harvest 80% complete. Sweetpotato harvest increasing. Apple and cranberry harvest active. Harvest of corn for grain continues light. Grain and cover crops seedings continue.

NEW MEXICO: Warm days and cool nights. Temperatures generally averaged 2° cooler than early October normals. No precipitation of consequence.

Moisture supplies adequate except northwest, northeast, extreme southwest where they are short. Ranges poor to fair these areas, good-excellent elsewhere. Cotton fair, 2 weeks late, limited harvest southeast. Alfalfa good, 4th cut north. In south 4th cut near complete, 5th cut continues. Grain sorghum good, dryland northeast fair due to lack of moisture; harvest begun. Corn good, silage harvest near complete; grain harvest started. Winter wheat and barley seeding active; complete north, well advanced elsewhere; good stands. Apples fair, 35% harvested. Peanuts excellent, digging started. Lettuce harvest started. Cattle and sheep good.

NEW YORK: The growing season ended in many areas. Low temperatures 28 to 32° general with low of 17°. Few snow flurries Adirondacks. Below normal rainfall, most areas had less than 0.50 in.

Soil moisture surplus in all but a few counties where it is adequate. Fieldwork at near standstill. Most fields too wet for equipment. No progress hay harvest. Limited corn silage harvest, now 55% finished.

NORTH CAROLINA: Hurricane Gladys threatened coast on 1st, while frost and freezing temperatures in mountains on 3d. Temperatures about normal. Rainfall light.

Fieldwork: 2.9 days suitable. Soil moisture mostly adequate to surplus. Soybeans scattered fields harvested; crop fair to good. Corn for grain 51% combined; 1974 59%, average 38%. Burley tobacco 90% barned, 1974 96%. Peanuts 27% dug, 12% threshed; 1974 23% dug, 15% threshed. Sweet-potatoes 34% dug, 1974 38%. Cotton 45% chemically defoliated; 3% picked, 1974 8%, average 14%. Apples 73% picked, 1974 68%, average 63%. Small grains 9% planted, 1974 18%, average 18%. Pastures fair to mostly good.

NORTH DAKOTA: Temperatures averaged 2° above normal. High of 87° and low of 23°. Precipitation ranged 0.07 to 0.31 in. below normal. Weekend warm and dry.

Small grain harvest virtually complete. Flax near 90% combined. Corn and soybean harvest underway. Dry bean combining about 85% completed and potatoes about 75% dug. Sugarbeet lifting at plant capacity with stock piling to start about October 8th.

OHIO: Temperatures ranged 4 to 8° below normal. Frost many areas morning of the 3d. Extremes: 28 and 77°. Precipitation generally light. Heaviest amounts southwest over 0.75 in.

Harvest gaining momentum as fields dry. Corn 10% harvested, 10% 1974 and 15% normal. Virtually all corn mature. Soybeans 20% harvested, 20% 1974, and 25% normal. Frost killed weeds and hastened drying. Most beans mature; few second crop beans damaged by frost. Percent seeded: Wheat 25%, 35% 1974 and 45% normal; barley 40%, 65% 1974 and 75% normal. Percent harvested: Corn silage 80%, 75% 1974 and 80% normal; potatoes 65%, 70% normal; sugarbeets 15%, 5% 1974 and normal; popcorn 15%, 10% normal. Moisture supplies 55% adequate, 45% surplus. Fieldwork: 5 days favorable.

OKLAHOMA: Temperatures averaged from 6 to 7° below normal. Precipitation ranged from a trace in Panhandle to 0.38 in. northeast. Weekend mild and dry.

Seeding small grains delayed dry from surface soils. Moisture 52% short. Wheat 44% seeded, 1974 65%, average 59%. Wheat 11% up to stand, 30% 1974. Cotton maturing slowly, 29% open bolls, 1974 38%, average 49%. First boll cotton harvested on September 25th. Corn 34% harvested, 98% mature, about 4 days behind 1974 and average. Sorghum 25% combined, 14% 1974, 20% average. Harvest of peanuts and soybeans increasing, 14% and 2% complete. Seeding winter pastures active. Range and livestock good. Cattle marketings increased with improved prices.

OREGON: Temperatures averaged 4 to 10° above normal most areas, near normal along coast. Extremes: 80's, 30's. Precipitation northwest 0.08 to 0.31 in., along coast 0.06 to 1.00 in.

Land preparation, fall seeding continuing. Lack of moisture causing delay in some areas. Early seedings showing good stands. Haying finishing. Mint and hop harvests completed. Cutting corn for silage. Apple harvest continues. Golden Delicious, Newtown apple harvests in full swing. Red Delicious just starting. Anjou pears continue to be picked. Filberts are dropping. Walnuts look good. Cranberry bogs need water. Sweet corn, carrots, cabbage, cauliflower, beets, broccoli, squash being harvested. Potato harvest continues most areas. Ranges and pastures are dry. Fire danger high. Cattle in good condition. Stock water, winter feed adequate. Some market activity for yearlings and weaner calves.

PENNSYLVANIA: A dry and pleasant week. Rainfall amounts generally 0 to 0.50 in., greatest in west. Cool Canadian air by midweek brought first general frost to normally warmer areas. Extremes: 78 and 22°.

Soil moisture mostly surplus to adequate. Tobacco virtually all cut, on par with 1974 completion date. Potatoes 61% dug, 69% in 1974. Corn for grain 4% harvested, 53% mature, 39% in dent. Last year 2% harvested, 48% mature. Ensilage harvest 60%, 55% in 1974. Plowing stands still at 60%, 77% 1974. Barley 76% sown, 1974 81%. Wheat on par with 1974 at 58% sown. Very little hay made, mostly poor quality.

PUERTO RICO: Island average rainfall 0.84 in. Highest weekly total 3.03 in. at Lares. Highest 24-hour total 1.42 in. at Ioa Baja. Temperatures averaged 80° on coasts and 75° interior. Extremes: 94 and 60°.

Sugarcane recuperating slowly from flood and drought effects. Coffee maturing rapidly, harvesting operations hindered by poor condition of access roads. Farmers working on tobacco seedbeds and preparing soil for planting. Pasture being planted, fertilized and cultivated. Pesticides for insect control used. Good weather for harvesting and replanting of food crops. Corn, vegetables, avocados, plantains, bananas and some citrus being harvested.

SOUTH CAROLINA: Temperatures near or above normal. Lower end of week. Rainfall varied none to more than 1.00 in., some areas.

Crop conditions fair to good. Corn harvested 71%, 69% 1974, 62% average. Cotton harvested 6%, 12% 1974, 18% average. Soybean turning color 42%, 51% 1974, 52% average; shedding leaves 23%, 24% 1974, 25% average; mature 8%, 8% 1974, 11% average.

SOUTH DAKOTA: Temperatures averaged from 4° below to 5° above normal. Extremes: 20 and 93°. Little significant precipitation, 1.23 in. Center-ville, 0.14 in. or less elsewhere.

Corn 13% picked, 1974 19%, normal 17%. A lot of smut on corn throughout. Soybeans 34% combined, 1974 77%, normal 35%. Sorghum 31% harvested, 1974 35%, normal 31%. Winter wheat in generally poor to fair condition south central, fair to excellent remainder. Livestock generally in good condition. Supplemental feeding underway some areas. Pastures are drying.

TENNESSEE: Rainfall amounts occurred only in southeast, amounts less than 0.30 in. Temperatures averaged 60°, 5° below normal.

Soil moisture conditions excellent. Soybeans 11% mature, 1974 6%, normal 20%. Need warmer weather for maturing. Corn 20% harvested, 1974 14%, normal 24%; 82% mature, 1974 78%, normal 83%. Cotton 7% picked, 1974 3%, normal 15%. Open bolls 39%, 1974 30%, normal 55%. Tobacco harvest nearly completed. Stripping started with good curing weather. Wheat 28% seeded, 1974 28%, normal 34%. Oats 53% seeded, 1974 50%, normal 59%. Pastures above average.

TEXAS: Cold front touched off scattered showers northwest, west, south coastal areas, but majority of State remained dry, clear. Temperatures 9° below normal over far west and central coastal regions. Precipitation nil over most areas.

Excellent weather aided harvest. Wheat seeding made rapid progress High, Low Plains, but much crop dry planted, will need rain establish stands. Early stands making good growth, grazing available

shortly. Cotton harvest making rapid progress Blacklands, east but early stages Edwards Plateau, Trans-Pecos. High, Low Plains widespread defoliation causing crop open prematurely, harvest may start before first freeze. Sorghum harvest making excellent progress in Low Plains but still early stages High Plains. Peanut harvest making excellent progress in Low Plains, Cross-Timbers, and Blacklands. Major crops percent planted: Wheat 1975 52, 1974 62, average 82; oats 1975 56, 1974 46, average 57. Major crops percent harvested: Cotton 1975 21, 1974 22, average 21; corn 1975 61, 1974 57, average 72; sorghum 1975 67, 1974 54, average 54; peanuts 1975 55, 1974 33, average 40; soybeans 1975 2, 1974 1.

High Plains: Carrots, green peppers being harvested. Trans-Pecos: Tomato harvest continues. East: Harvest sweetpotato crop. San Antonio-Winter Garden: Cucumber picking continues. Cabbage, carrots, beets, spinach making good growth. Laredo: Tomatoes showing good progress. Coastal Bend: Cucumber harvest continues. Lower Rio Grande Valley: Planting cabbage, carrots, lettuce, onions continues. Cucumbers, tomatoes, peppers, making good growth. Pecan harvest active south. Early pecans hulling as far north as Cross-Timbers. Citrus trees good to excellent condition. Harvest early oranges gaining momentum. Grapefruit supplies remain light. Quality crop appears best in several years.

Heavy movement livestock to market continues as ranchers cull herds in preparation for fall, winter. Grazing still adequate many areas, but short moisture caused rapid decline in fall grazing prospects. Livestock good to excellent condition.

UTAH: Fair and mild weather with no measureable precipitation. Average temperatures quite variable ranging from 3° below normal to 5° above.

Harvest of 3d crop alfalfa hay 75% complete. Chopping of corn and silage 46%. Dry onions and tomato nearing completion. Potato harvest underway. Winter wheat planting 72% complete but soil moisture short. Peach and pear harvest nearing completion. Apple harvest coming on. Most livestock in excellent condition. Fall and winter range feed condition 91%.

VIRGINIA: Temperatures averaged slightly below normal. Extremes: 84 and 25°. Killing frosts west, southwest on 3d. Scattered showers mostly southwest midweek, rainfall from 0 to 0.64 in. numerous locations.

Fieldwork: 4.1 days suitable. Topsoil moisture 73% adequate, 27% surplus. Corn for grain 27% harvested, 1974 34%, average 32%. Soybean harvest less 1%, 1974 2%, average 3%; weeds excessive. Peanuts 24% dug, 11% combined; 1974 21%, 10%; average 27%, 18% good quality. All types tobacco virtually harvested. Small quantity hay saved too wet. Pastures excellent condition. Sweetpotatoes 67% harvested. Cucumber, snap bean harvest continues. Apples 45% harvested, slightly behind normal. Small grain seeding: Wheat 13%, 1974 18%, average 16%; barley 27%, 1974 32%, average 34%; oats 35%, 1974 39%, average 37%.

WASHINGTON: West: Average temperatures normal to 4° above. Rainfall from 1.00 in. below normal over Cascades up to 0.70 in. above average along coast and Puget Sound lowlands.

Sweet and silage corn improving but many fields late. Harvest active on earlier developed fields. Fall vegetable harvest included: Celery, squash, carrots, cauliflower, beet seed. Some fall pasture seeding. Previous seeded fields lush. East: Temperatures 1 to 3° above average. Rainfall from 0.10 to 0.30 in. below normal.

Digging potatoes, sugarbeets. Harvesting: Sweet and field corn, alfalfa, hay, alfalfa and red clover seed, dry beans, oats, late spring wheat, grapes. Red Delicious picking in full swing. Golden Delicious nearly completed. Moisture low on recrop fields and ranges. Farmers delayed seeding for rains to come. Already seeded fields need rain to emerge. Wheat on summerfallow looked good. Other activities: Fertilizing, plowing, weaning calves, and marketing.

WEST VIRGINIA: Temperatures and precipitation below normal. Frost reported throughout.

Favorable workdays 4.0 days. Soil moisture 1% short, 70% adequate and 29% surplus. Main fieldwork: Clipping pastures and harvesting crops. Potatoes 85% dug. Second cutting hay 90% and 3d cutting 66% complete. Tobacco harvested 97%. Corn 15% dented, 60% mature and 25% harvested. Fall grains sown: Wheat 23% and barley 28%.

WISCONSIN: Temperatures averaged 2° subnormal. Cool beginning and midweek, warmer weekend. Hard freeze on 2d. Precipitation light, less than 0.50 in. all areas. Beautiful Indian summer weather.

Harvesting progressing rapidly in dry field conditions. Silo filling 80% done, 1974 and normal 70%. Grain corn 5% harvested, 1974 none, normal 1%. Corn moisture content well below year ago. Quality of corn very good. Soybeans near harvest stage; 80% shedding leaves, 1974 65%, normal 75%. Third crop hay being made, mostly green-chop. Pastures have better fall grazing conditions than 1974. Harvesting of potatoes, vegetables, cranberries, and apples progressing rapidly. Tobacco curing well. Fall plowing 20% done, 1974 13%, normal 20%. Soil moisture 20% short, 75% adequate, 5% surplus. Driest south, wettest east.

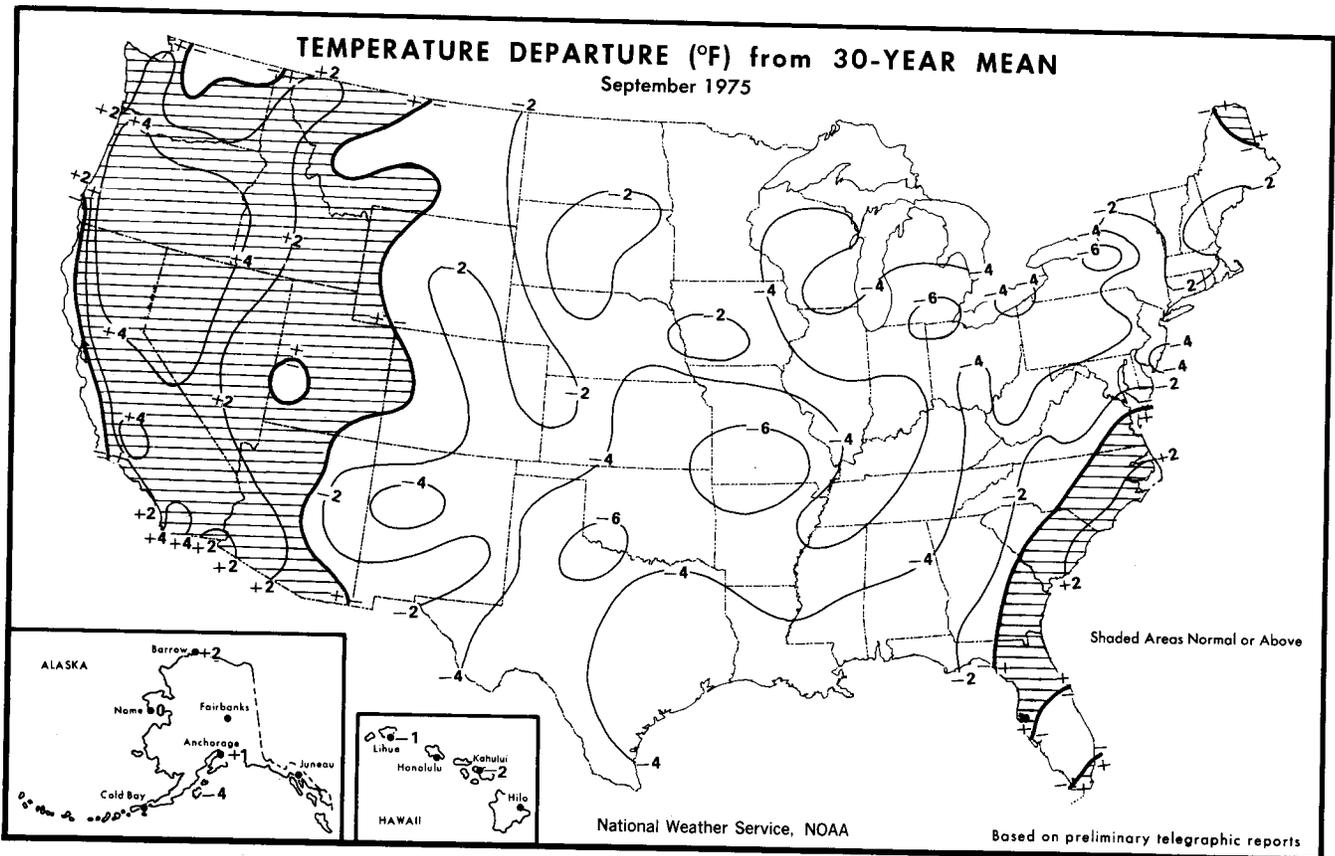
WYOMING: Mild fall weather. Temperatures mostly in upper 70's and low 80's for highs and upper 20's for lows. Precipitation scattered over much of east, with heaviest amounts southeast.

Topsoil moisture remains very short east, short elsewhere. Corn silage cutting 85% complete. Potatoes dug 35%. Sugarbeets 5% dug. Dry beans 75% combined. Corn for grain 55% dented, 45% mature. Winter wheat prospects range poor to good, 70% emerged. Ranchers gathering, working livestock. Prospects for winter grazing fair to good. Stockmen expected to winter slightly fewer cattle and sheep than last year. Calves, lambs about the same to somewhat heavier than in 1974.

Heating Degree Days (Base 65° F.)
September 1975

ALA. Birmingham	49	MAINE, Caribou	310	OKLA. Okla. City	64
Mobile	9	Portland	230	Tulsa	60
Montgomery	19	MD. Baltimore	50	OREG. Astoria	183
ALASKA, Anchorage	458	MASS. Boston	70	Burns U.	123
Barrow	---	Chatham	---	Medford	14
Fairbanks	570	MICH. Alpena	334	Pendleton	43
Juneau	---	Detroit	178	Portland	47
Nome	818	Flint	225	Salem	79
ARIZ. Flagstaff	207	Grand Rapids	242	PA. Allentown	122
Phoenix	0	Houghton Lake	333	Erie	197
Tucson	0	Lansing	266	Harrisburg	87
Winslow	28	Marquette U	317	Philadelphia	45
Yuma	0	S. Ste. Marie	372	Pittsburgh	192
ARK. Fort Smith	62	MINN. Duluth	418	Scranton	158
Little Rock	72	Internatl Falls	426	R. I. Providence	132
CALIF. Bakersfield	0	Minneapolis	231	S. C. Charleston	0
Eureka U.	286	Rochester	273	Columbia	0
Fresno	0	St. Cloud	312	Greenville	24
Los Angeles U	0	MISS. Jackson	26	S. DAK. Aberdeen	208
Red Bluff	0	Meridian	22	Huron	236
Stockton	0	Vicksburg U	---	Rapid City	206
San Diego	0	MO. Columbia	149	Sioux Falls	271
San Francisco	120	Kansas City	142	TENN. Chattanooga	53
COLO. Denver	195	St. Louis	110	Knoxville	42
Grand Junction	35	Springfield	152	Memphis	40
Pueblo	119	MONT. Billings	185	Nashville	68
CONN. Bridgeport	59	Glasgow	260	TEX. Abilene	55
Hartford	121	Great Falls	235	Amarillo	104
D. C. Washington	20	Havre	257	Austin	1
FLA. Apalachicola	0	Helena	322	Beaumont	0
Ft. Myers	0	Kalispell	306	Brownsville	0
Jacksonville	0	Miles City	205	Corpus Christi	0
Key West	0	Missoula	263	Dallas	---
Lakeland U.	0	NEBR. Grand Island	180	Del Rio	0
Miami	0	Lincoln	168	El Paso	20
Orlando	0	Norfolk	207	Fort Worth	4
Daytona Beach	0	North Platte	228	Galveston U.	0
Tallahassee	5	Omaha	141	Houston	0
Tampa	0	Valentine	231	Lubbock	76
GA. Atlanta	28	NEV. Ely	217	Midland	40
Augusta	2	Las Vegas	0	San Angelo	32
Macon	10	Reno	51	San Antonio	1
Savannah	0	Winnemucca	69	Victoria	0
IDAHO, Boise	74	N. H. Concord	254	Waco	2
Lewiston	48	N. J. Atlantic City	108	Wichita Falls	52
Pocatello	168	Trenton U	67	UTAH, Blanding R	---
ILL. Cairo U.	68	N. MEX. Albuquerque	47	Salt Lake City	62
Chicago	155	Roswell	46	VT. Burlington	210
Moline	162	N. Y. Albany	173	VA. Lynchburg	60
Peoria	171	Binghamton	250	Norfolk	6
Rockford	225	Buffalo	197	Richmond	27
Springfield	125	New York	56	Roanoke	59
IND. Evansville	75	Rochester	194	WASH. Colville	---
Fort Wayne	173	Syracuse	231	Omak	---
Indianapolis	137	N. C. Asheville	77	Quillayute	214
South Bend	175	Charlotte	13	Seattle-Tacoma	93
IOWA, Burlington	152	Greensboro	31	Spokane	136
Des Moines	148	Hatteras R.	0	Walla Walla U.	47
Dubuque	245	Raleigh	17	Yakima	100
Sioux City	204	Wilmington	0	W. VA. Beckley	146
KANS. Concordia	135	N. DAK. Bismarck	296	Charleston	106
Dodge City	92	Fargo	286	Huntington	91
Goodland	129	Williston U	299	Parkersburg U.	118
Topeka	137	OHIO. Akron-Canton	183	WIS. Green Bay	307
Wichita	98	Cincinnati U.	142	Madison	236
KY. Lexington	128	Cleveland	187	Milwaukee	203
Louisville	73	Columbus	110	WYO. Casper	247
LA. Baton Rouge	6	Dayton	130	Cheyenne	274
Lake Charles	0	Toledo	227	Lander	220
New Orleans	6	Youngstown	189	Sheridan	246
Shreveport	4				

Preliminary reports from airport locations, except those marked U for urban and R for rural.
*Estimated.



SEPTEMBER WEATHER SUMMARY

HIGHLIGHTS: Cooler than normal temperatures prevailed across most of the Nation in September. Exceptions to this trend, areas west of the Rockies and the extreme Southeast averaged above normal readings. Throughout most of the Nation monthly precipitation totals were generally well above or well below normal. The eastern quadrant got the heaviest soaking when remnants of Hurricane Eloise poured 8 to 14 inches on that area during the last week of the month. Total September rainfall measured generally below normal in the Great Plains, Corn Belt, and extreme Northwest.

September marked a seasonal change for the Northwest and Northeast when cold air moved southward from Canada at the beginning of the month. Across much of the Plains, nighttime temperatures signaled fall's arrival and dipped into the 40's and 50's. Frost turned up for the first time in the Colorado Rockies and Montana on the 2d--the same day that Omaha, Nebr. read a new record high of 99°. In portions of the West, temperatures ranged up to 20° above normal.

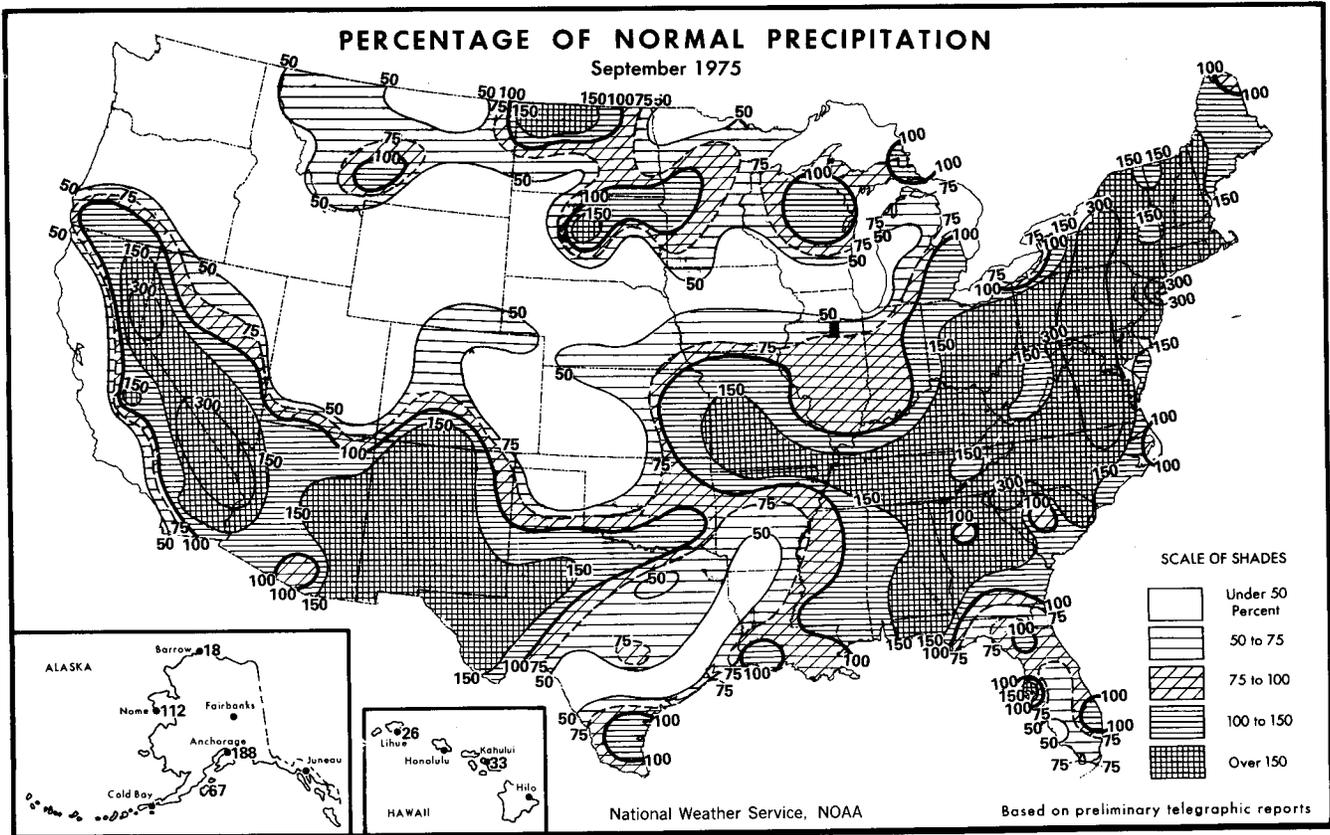
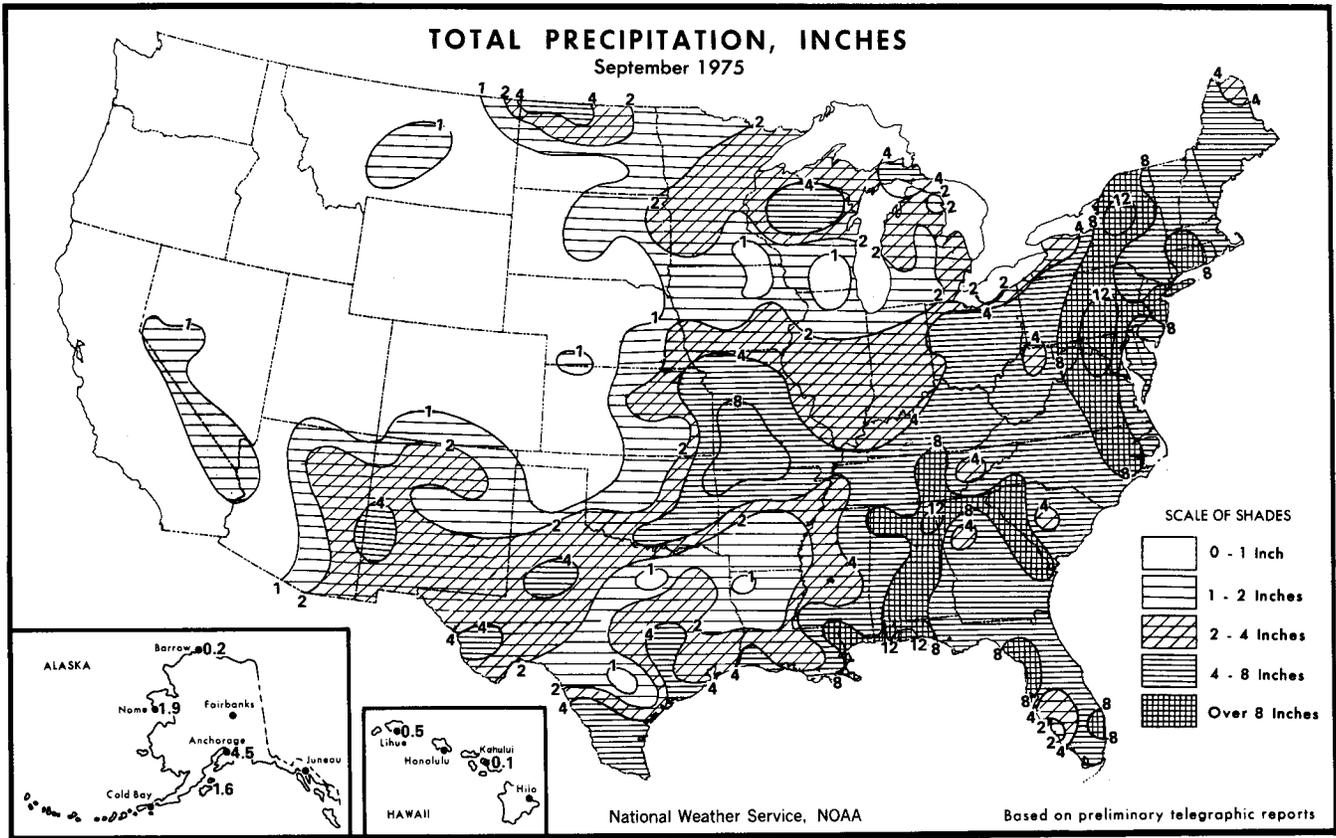
Most precipitation amounts during the first week were light, although a few severe thunderstorms produced tornadoes, strong winds, and hail in parts of the Ohio and Mississippi Valleys.

Cold temperatures broadened their coverage during the 8-14th, when a mass of cool air left behind record lows and some frost as it made its way towards the Atlantic. On the morning of the 12th new record lows were chalked up for Sheridan, Wyo., 37° and Kansas City, Mo., 45°. In the Great Lakes region temperatures slipped as low as 20°

below normal during the second week of the month. West of the Divide, warm air and clear skies pushed the mercury into the 80's and 90's. Thunderstorms during the week caused some damage in parts of the Midwest and isolated activity dotted the Gulf and southern Atlantic Coasts.

As a result of a cold front, unseasonably cool temperatures persisted into the third week of September and more record lows were added to the list: Albany, N.Y., 33°; Raleigh, N.C., 45°; and Richmond, Va., 44°. Showers and thundershowers associated with the front spread from the Great Plains into the Ohio and Mississippi Valleys. Locally heavy rains drenched parts of the Southwest and south central Plains. Meanwhile a high pressure system kept weather warm and dry in the Pacific Northwest. On the 16th tropical storm Eloise came to life in the southern Atlantic.

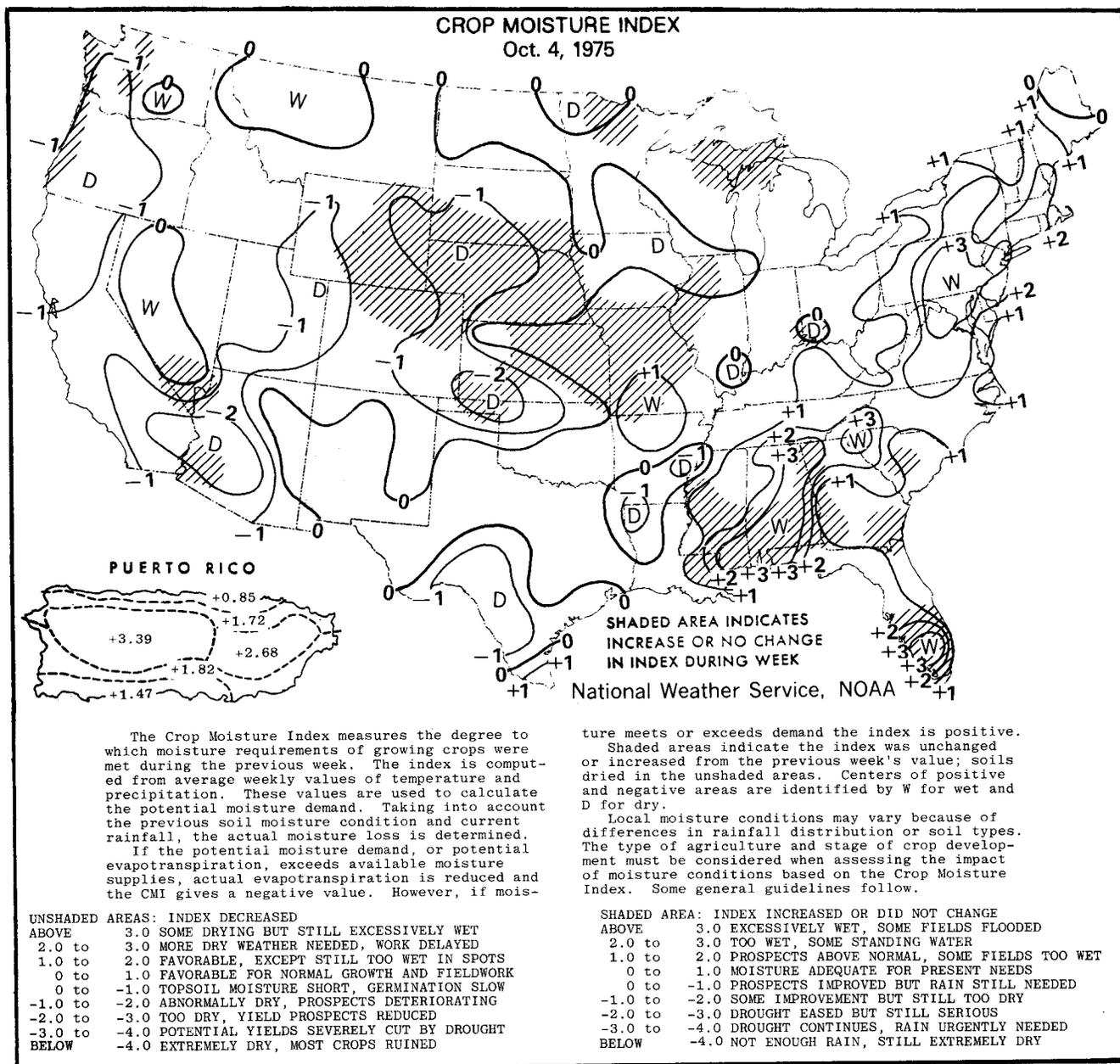
The last week of the month registered a number of weather extremes across the Nation. On the 23rd, a week after Eloise first showed up in the Atlantic, the eye of the hurricane moved inland, delivering rains that caused flooding in many eastern areas. Pennsylvania and New York States were especially hard hit. By the 30th precipitation in the East diminished but damaging floods served as a reminder of the storm. Compare that to the Northwest, where September ended as a record dry month for Washington and Oregon. Final tallies showed that Seattle, Wash. received only a trace of rain during September compared to its monthly normal of almost 2 inches. In Astoria, Oregon, where normal for the month is 2.8 inches, only .04 inches of rain fell.



Temperature and Precipitation Data for September 1975

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
ALA. Birmingham	70	-4	3.7	+1	La. Baton Rouge	75	-3	3.5	-3	Youngstown	59	-4	5.0	+2.4
Mobile	75	-3	7.4	+8	Lake Charles	75	-3	5.4	+1.3	OKLA. Okla. City	68	-5	1.9	-7
Montgomery	74	-2	8.6	+4.2	New Orleans	75	-3	4.0	-1.6	Tulsa	69	-4	3.3	-8
ALASKA. Anchorage	49	+1	4.5	+2.1	Shreveport	74	+3	1.0	-2.1	OREG. Astoria	59	+1	T	-2.8
Barrow	---	---	---	---	MAINE. Caribou	55	+1	3.0	-5	Burns	62	+4	.1	-4
Fairbanks	46	+2	.2	-.9	Portland	57	-2	4.3	+1.2	Medford	69	+5	.6	0
Juneau	---	---	---	---	MD. Baltimore	66	-3	8.6	+5.5	Pendleton	67	+3	0	-6
Kodiak	---	---	---	---	MASS. Boston	64	-1	5.5	+2.3	Portland	66	+4	T	-1.6
Nome	38	-4	1.6	-.8	Chatham	61	---	5.6	---	Salem	64	+2	0	-1.5
ARIZ. Flagstaff	58	0	1.9	+2	MICH. Alpena	54	-2	2.0	-1.3	PA. Allentown	61	-4	7.6	+4.0
Phoenix	86	+2	.8	+1	Detroit	59	-5	3.2	+1.0	Erie	59	-2	2.5	-1.1
Tucson	80	0	1.3	-.1	Flint	57	-4	3.5	+1.0	Harrisburg	63	-4	15.0	+12.3
Winslow	67	-3	2.5	+1.6	Grand Rapids	57	-5	2.0	-1.3	Philadelphia	67	-1	7.2	+4.2
Yuma	88	+1	.2	-.8	Houghton Lake	54	-3	1.5	-1.7	Pittsburgh	59	-5	5.1	+2.6
ARK. Fort Smith	69	-5	2.5	-.8	Lansing	56	-6	1.7	-.9	Scranton	60	-2	6.1	+3.2
Little Rock	69	-4	1.9	-1.7	Marquette	54	-3	2.8	-.7	R.I. Providence	61	-2	6.2	+2.9
CALIF. Bakersfield	83	+6	T	-.1	Muskegon	57	-5	1.3	-2.1	S.C. Charleston	77	+2	5.2	0
Eureka	55	-3	T	-.7	S. Ste. Marie	52	-3	5.1	+1.2	Columbia	75	0	3.3	-1.0
Fresno	76	+2	.2	+1	MINN. Duluth	51	-3	2.3	-.8	Greenville	70	-2	11.6	+7.8
Los Angeles	74	+1	T	-.2	Internal Falls	51	-2	1.6	-1.7	S.D. Aberdeen	59	0	1.7	0
Red Bluff	79	+4	T	-.3	Minneapolis	58	-2	1.3	-1.4	Huron	58	-3	.8	-1.0
San Diego	75	+5	T	-.1	Rochester	56	-3	1.3	-1.7	Rapid City	59	-2	T	-1.2
San Francisco	61	-3	T	-.2	St. Cloud	55	-3	2.4	-.4	Sioux Falls	57	-4	1.4	-1.5
Stockton	74	+2	T	-.2	MISS. Jackson	72	-4	2.7	-.4	TENN. Chattanooga	68	-4	10.3	+6.6
COLO. Denver	60	-3	.2	-.9	Meridian	73	-2	3.6	+3	Knoxville	69	-3	3.3	+5
Grand Junction	67	0	.2	-.6	MO. Columbia	63	-5	5.6	+1.2	Memphis	71	-3	2.6	-.4
Pueblo	64	-2	.1	-.7	Kansas City	64	-5	6.1	+1.9	Nashville	68	-4	5.4	+2.3
CONN. Bridgeport	62	-3	6.2	+3.3	St. Louis	65	-5	2.5	-.4	TEX. Abilene	71	-5	2.3	0
Hartford	64	-1	9.0	+5.4	Springfield	63	-6	11.4	+7.3	Amarillo	66	-4	.8	-1.1
D.C. Washington	69	-2	12.4	+9.3	MONT. Billings	60	+1	.2	-1.2	Austin	76	-3	3.6	-.1
FLA. Apalachicola	77	-2	5.2	-3.8	Glasgow	56	-1	.4	-.5	Beaumont	76	-3	2.8	-2.5
Daytona Beach	80	0	6.6	-.5	Great Falls	57	0	.7	-.5	Brownsville	78	-4	4.8	-.4
Ft. Myers	81	-1	1.3	-7.4	Havr	57	0	.5	-.6	Corpus Christi	79	-2	6.7	+1.8
Jacksonville	78	0	5.2	-2.6	Helena	54	-2	.5	-.5	Del Rio	76	-4	1.2	-1.9
Key West	83	0	7.1	-.2	Kalspell	55	+2	.6	-.5	El Paso	72	-2	2.2	+1.0
Lakeland	79	-1	3.1	-3.0	Miles City	59	-1	.4	-.8	Fort Worth	77	-2	.9	-2.3
Miami	82	0	4.7	-4.0	Missoula	56	+1	.5	-.6	Galveston	76	-3	4.6	-1.0
Orlando	81	+1	5.0	-2.2	NEBR. Grand Island	61	-3	1.0	-1.5	Houston	75	-4	.8	-3.9
Tallahassee	77	-1	4.9	-1.7	Lincoln	62	-4	1.5	-1.4	Lubbock	67	-4	2.6	+4
Tampa	82	+1	11.2	+4.8	Norfolk	60	-3	.7	-1.7	Midland	71	-4	3.4	+1.9
W. Palm Beach	81	-2	11.6	+1.7	N. Platte	59	-3	.6	-1.4	San Angelo	72	-5	2.3	-.4
GA. Atlanta	70	-2	3.0	-.2	Omaha	63	-1	2.2	-1.0	San Antonio	76	-3	.5	-3.2
Augusta	75	+1	9.5	+6.2	Valentine	61	0	.3	-1.2	Victoria	78	-2	1.9	-2.7
Macon	73	-3	4.7	+1.6	NEV. Ely	58	+1	.6	0	Waco	77	-2	2.3	-.9
Savannah	77	+1	8.0	+2.4	Las Vegas	82	+2	1.2	+9	Wichita Falls	71	-6	3.6	+6
HAWAII. Hilo	---	---	---	---	Reno	64	+4	.9	+7	UTAH. Blanding	62	1	.2	-.8
Honolulu	---	---	---	---	Winnemucca	63	+4	.2	-.1	Salt Lake City	65	0	.1	-.6
Kahului	76	-2	.1	-.2	N.H. Concord	56	-4	5.2	+2.1	VT. Burlington	58	-1	4.1	+1.0
Lihue	78	-1	.5	-1.4	N.J. Atlantic City	63	-4	9.0	+5.8	VA. Lynchburg	66	-2	7.4	+4.1
IDAHO. Boise	66	+3	T	-.4	Trenton	64	-3	1.7	+9	Norfolk	72	0	4.8	+6
Lewiston	66	+3	T	-.9	N.MEX. Albuquerque	66	-4	1.7	+9	Richmond	69	-1	11.0	+7.4
Pocatello	60	+1	T	-.6	Roswell	69	-1	2.8	+1.3	Roanoke	67	-1	6.5	+3.1
ILL. Cairo	68	-4	5.1	+1.6	N.Y. Albany	59	-3	4.6	+1.5	WASH. Colville	57	-2	.3	-.5
Chicago	61	-5	1.1	-1.9	Binghamton	57	3	8.4	+5.4	Omak	61	1	0	-.5
Moline	61	-4	2.0	-1.8	Buffalo	65	3	9.6	+6.4	Quillayute	58	+1	.4	-4.8
Peoria	61	-5	2.7	-.9	New York	58	4	2.4	-.9	Seattle-Tacoma	63	+3	T	-2.0
Rockford	58	-5	.9	-3.1	Rochester	58	4	3.2	+8	Spokane	61	+1	T	-.8
Springfield	64	-3	2.8	-.5	Syracuse	57	6	8.8	+6.1	Walla Walla	67	+1	0	-.9
IND. Evansville	67	-2	2.6	-.2	N.C. Asheville	65	-2	7.5	+2.9	Yakima	62	+1	T	-.3
Ft. Wayne	60	5	3.5	+9	Charlotte	71	-1	6.5	+3.0	W. Va. Beckley	61	-2	4.6	+1.2
Indianapolis	63	-3	2.3	-.6	Greensboro	70	0	7.3	+3.7	Charleston	64	-4	5.0	+2.1
South Bend	60	-4	1.2	-1.9	Hatteras	76	+2	5.2	-.6	Huntington	65	3	4.8	+1.9
IOWA. Burlington	62	-3	2.5	-1.2	Raleigh	71	0	5.8	+2.0	Parkersburg	63	4	5.4	+2.6
Des Moines	62	-2	1.7	-1.4	Wilmington	77	+2	6.1	+5	WIS. Green Bay	55	4	3.2	0
Dubuque	57	-5	1.9	-2.7	N. DAK. Bismarck	55	-3	.6	-.7	La Crosse	57	5	1.3	-2.1
Sioux City	60	-3	1.2	-1.6	Fargo	55	-3	1.2	-.6	Madison	58	2	.8	-2.6
KANS. Concordia	64	-4	1.7	-1.4	Williston	55	-2	1.8	+6	Milwaukee	59	-2	1.0	-2.0
Dodge City	67	-2	.2	-1.5	OHIO. Akron-Canton	59	5	5.3	+2.7	Cheyanne	57	2	.1	-.8
Goodland	64	0	.2	-1.2	Cincinnati	62	-6	3.6	+2.0	Lander	56	2	.5	-.5
Topeka	64	-4	4.4	+1.1	Cleveland	59	-5	3.4	+6	Sheridan	58	0	.4	-.7
Wichita	66	-5	1.2	-.2	Columbus	63	-2	5.5	+3.1	P.R. San Juan	57	-1	.2	-1.1
KY. Lexington	63	-6	6.5	+3.8	Dayton	62	-4	3.3	+1.0					
Louisville	66	-3	2.6	-.3	Toledo	57	-7	2.7	+3					

Based on 1941-70 Normals



WORLD WEATHER AND CROP UPDATE

Mild, dry weather in late September and early October permitted completion of the small grain harvest in Canada's Prairie Provinces. Favorable weather also aided harvest activity in the USSR, but more rain would promote germination and growth in the winter wheat area.

Soaking rains during the last 2 weeks of September eased drought in much of Western Europe and improved pastures and conditions for seeding winter crops. Ireland reported a record dry

summer (June-August).

Winter wheat regions in central Brazil and Argentina picked up much needed rain in late September. Rains arrested deterioration of crops and livestock in parts of Brazil and boosted Argentine wheat prospects.

Good rains during September 29-October 2 enhanced winter wheat in the northern People's Republic of China. In southeast Australia late September rains benefited wheat and other crops.



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CROP PROGRESS

SEEDING

Percent of Acreage Seeded
 As of October 5

winter wheat

	Average	1975	1976
Colo.	92	90	93
Idaho	1/	1/	1/
Ill.	31	31	40
Ind.	35	20	30
Kans.	65	75	65
Ky.	23	14	19
Mich.	70	1/	60
Mont.	90	95	80
Nebr.	95	95	95
Ohio	45	35	25
Okla.	59	65	44
Pa.	1/	58	58
S. Dak.	3/	3/	3/
Tenn.	34	28	28
Texas	82	62	52
U. S.	1/	59	53

HARVESTING

Percent of Acreage Harvested
 As of October 5

corn

	Average	1974	1975
Ga.	43	41	42
Ill.	8	8	18
Ind.	10	5	10
Iowa	9	4	12
Kans.	20	25	35
Ky.	18	11	19
Mich.	1/	1/	5
Minn.	9	13	8
Mo.	21	21	43
Nebr.	10	20	15
N. C.	38	59	51
Ohio	15	10	10
S. Dak.	17	19	13
Wis.	1	0	5
U. S.	14	14	21

soybeans

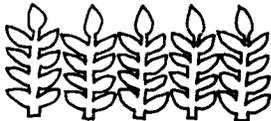
	Average	1974	1975
Ark.	8	7	6
Ga.	3	2	2
Ill.	18	17	53
Ind.	20	10	15
Iowa	21	28	24
Ky.	1/	1/	1/
La.	14	29	19
Minn.	33	69	41
Miss.	11	6	6
Mo.	13	7	10
Nebr.	1/	35	35
Ohio	25	20	20
U. S.	15	17	20

cotton

	Average	1974	1975
Ala.	1/	1/	0
Ark.	11	3	10
Ga.	32	19	5
La.	17	7	7
Miss.	17	5	3
Mo.	12	4	14
N. C.	14	8	3
Okla.	1/	1/	2/
S. C.	18	12	6
Tenn.	15	3	7
Texas	21	22	21
11-State	18	14	13

sorghum

	Average	1974	1975
Colo.	1/	1/	0
Kans.	15	5	20
Mo.	20	15	41
Nebr.	10	20	45
Okla.	20	14	25
S. Dak.	31	35	31
Texas	54	54	67
7-State	34	33	48



1/Data not available
 2/Less than 5%
 3/Virtually complete