

# Weekly Weather & Crop Bulletin

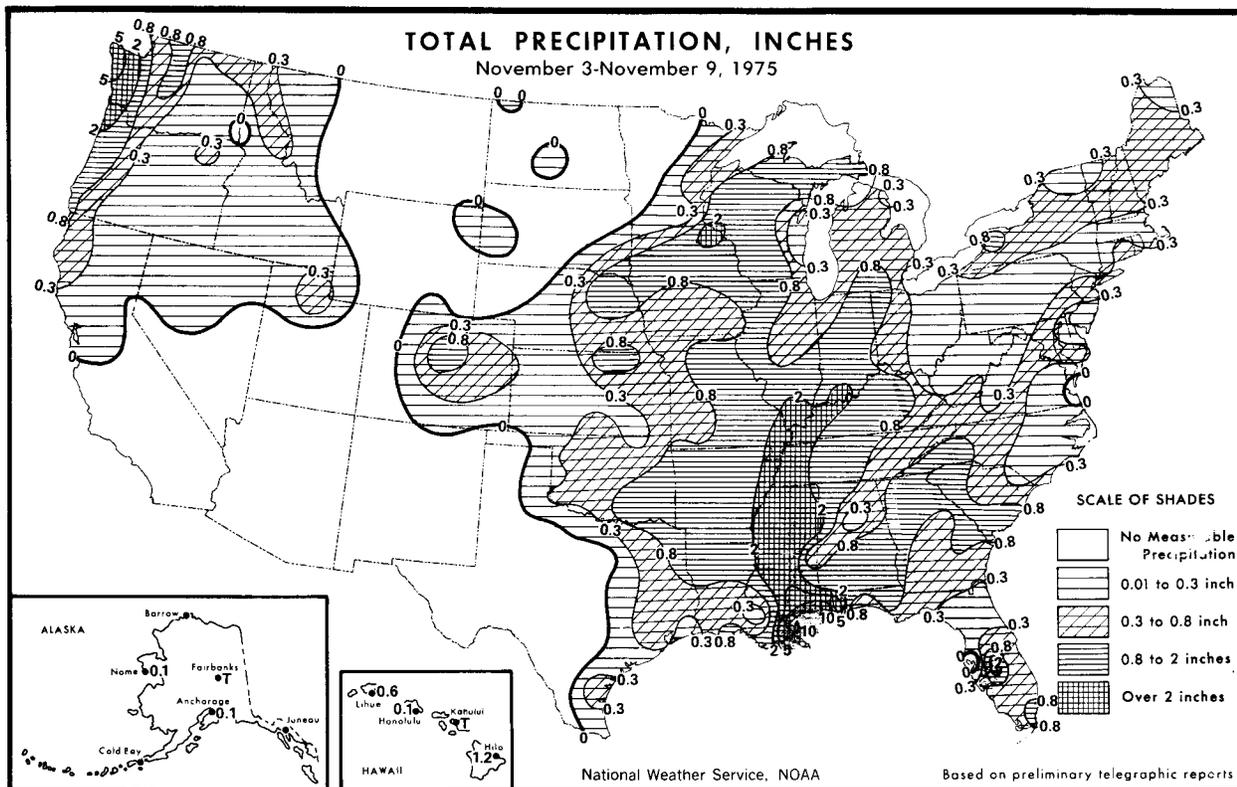
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## NATIONAL WEATHER SUMMARY

For the Week of November 3-9

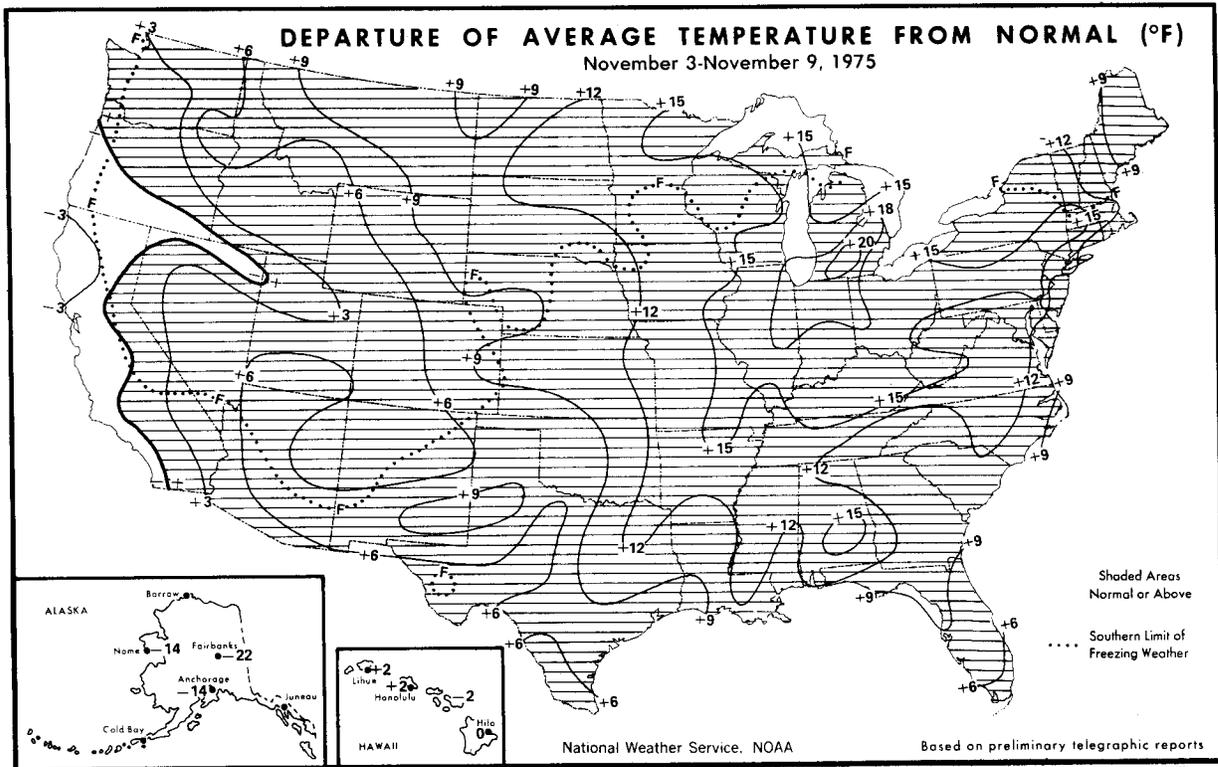
**HIGHLIGHTS:** Unseasonably warm weather shattered record high temperatures across much of the Nation during the week. Summer-like conditions settled over the Great Lakes region and Ohio Valley, where the mercury shot up as high as 20 degrees above normal. Widespread showers and thundershowers encompassed the northwest and northeast corners of the U.S. and areas from Florida to the upper Great Lakes. Rains eased a dry spell in parts of Kansas, but left much of the western Plains untouched. In Oregon snow piled up in the Cascades.

What began as a wet week for much of the Nation on Sunday evening continued through Monday. Showers and thundershowers trailed through the middle and lower Mississippi into the Ohio Valley. Precipitation stayed on in the lower Great Lakes region and a few showers turned up in New England, along the central Gulf Coast, and in southern

Florida. Much of Kansas welcomed continued light rains that ended a dry spell that has persisted over the past several weeks. In the mountains more rain and snow drifted into northern Idaho and western Montana.

Meantime warm air circling behind a high pressure system just off the East Coast pushed the thermometer skyward in sections of New England and the middle Atlantic States. Readings in the mid to upper 70's erased a number of daily records: Baltimore, Md. 79°, and Portland, Me. and Providence, R.I. 76°. Most of the Nation enjoyed warm, mild temperatures on Monday: 60's across the Great Lakes region and northern Plains and Rockies and 80's in the South.

Mild November weather brought few complaints from most of the Nation on Tuesday. Nighttime temperatures in the 40's and 50's along the northern U.S. border to 60's and 70's along the Gulf



Coast reflected Monday's unseasonably warm weather. Only a few stations measured overnight lows below freezing.

More balmy weather cracked record highs by noon-time in Minneapolis, Minn. and New York City. Later record readings turned up from the northern Rockies across the upper Midwest and New England. Temperatures in the 60's and 70's settled across a wide area from coast to coast and shot up into the 80's from the southern Atlantic Coast across the Gulf Coast into the desert Southwest. Cool temperatures in the 50's were confined to Washington and Maine.

Few signs of winter could be found around the Nation on Wednesday. Mild weather spread from Wyoming into the Dakota-Great Lakes area, throughout the Midwest, and along the middle Atlantic States.

In Louisiana slow moving showers and thunder-showers poured over 8 inches of rain on parts of New Orleans, causing some serious flooding.

Summer-like weather again favored the Great Lakes region and Ohio Valley on Thursday, pushing temperatures to record high levels in Detroit, Mich., Columbus, Ohio, and Milwaukee, Wis. Afternoon precipitation was confined to showers in the lower Mississippi and Ohio Valleys and central Florida. Late in the day strong gusty winds and snow accompanied a storm that moved into the Pacific Northwest.

On Friday cooler air and precipitation from the Pacific storm spread into northern California, Idaho, Utah, and central Montana. Temperatures in the lower 40's with some 30's in the mountains reached from interior portions of the Pacific Northwest to the central Rockies.

In the East, Buffalo, N.Y., Baltimore, Md., and

Macon, Ga. all chalked up record highs by noontime with readings in the 70's and low 80's. The afternoon brought more record highs: Lubbock, Tex. 84°; Casper, Wyo. 66°; Chicago, Ill. 75°; and Richmond, Va. 81°. At midnight Binghamton, N.Y. was already at a record high for Saturday with a temperature of 60°.

In contrast, heavy snow piled up in the Cascade Mountains of Oregon, where 11 more inches put Crater Lake, Ore. under 2 feet of snow. Meantime a band of showers and thundershowers stretched from Florida to the upper Great Lakes, drifting northeast across the eastern third of the Nation.

Saturday marked the fourth day in a row that eastern cities scored daily record highs. Included were New York City, Wilmington, Del., and Baltimore, Md. Weekend readings in the 70's prevailed east of the Mississippi River and into the southern Plains. Upper 80's made portions of lower Texas the Nation's hot spot.

On Sunday a line of precipitation followed a frontal system from the lower Great Lakes into the central Rockies. Though most of it occurred as showers and thundershowers, locally heavy snow at the western end blanketed the Colorado mountains. Cold air spilling from the Rockies into the High Plains tumbled readings into the 30's and a few 20's.

Meanwhile a strong low pressure system over Iowa marked the center of a fall storm that brought heavy afternoon thunderstorms to the Midwest. Tornadoes in Iowa destroyed several homes in the northeast part of the State.

Unseasonably warm temperatures rounded out a record warm week for much of the Nation. Dallas, Tex. shot up to 86°, Louisville, Ky. hit 77°, and Roanoke, Va. measured 76°.

**NATIONAL AGRICULTURAL SUMMARY**

For the Week of November 3-9

**HIGHLIGHTS:** Wet conditions slowed row crop harvesting in several areas during the week; however, combining still made good advancement. Nationwide, corn for grain reached 90% completion and soybeans were 80% finished by November 9. A record corn crop is being harvested along with the second largest soybean crop. Winter wheat seeding continues to lag and was only 89% completed. Wheat stands are much improved from recent rains in most areas except the western Plains.

**SMALL GRAINS:** Rain favored winter wheat prospects and improved condition of the crop over most of the eastern half of the Nation and Pacific Northwest. By November 9, seeding of the winter wheat crop reached 89% complete, still trailing the 1974 and normal 92%.

Beneficial rains helped to improve the wheat condition in much of Kansas, but western areas remain dry. Wheat seeding was slow as farmers wait for moisture. Statewide 95% of the wheat has been seeded; normally the crop is seeded by November 1. In Oklahoma, wheat was 88% seeded, but only 59% was up to stand. The western Panhandle is still dry. Texas wheat stands are making excellent response in areas where rain fell. Seeding is rapidly nearing completion with 94% done.

Wheat stands are spotty in Colorado and only fair to good in Wyoming. In Washington, excellent moisture is favoring the wheat crop. Wheat stands are mostly good to excellent in the eastern North Central States.

**CORN:** Rains briefly interrupted harvest in many areas of the Nation, but growers continued to make good progress in harvesting a record production. By November 9, harvest of the Nation's corn crop was 90% finished versus 71% in 1974 and the usual 67%. Full storage facilities in many areas have necessitated storing corn on the ground.

In the North Central States, harvest advanced 8 points during the week and by November 9, combining was 91% complete, against 69% in 1974 and the average 65%. Record yields are being harvested in Illinois, Indiana, and Ohio. Harvest was 99% finished in Minnesota; 96% in Iowa; 95% in Kansas and Nebraska; and in Illinois, the leading corn State, 92% was combined versus 61% in 1974 and normal.

Harvest in the South Atlantic States was 87% complete, while the South Central progress advanced to 83%.

**COTTON:** Harvest of the smallest cotton crop since 1967 was slowed by rain in many areas; however, good progress was made in most major States. By November 9, cotton picking was 38% done in the major Southern States, behind both last year's 41% and average 46%. Cotton harvesting in Texas was 32% finished, ahead of 29% in 1974. Harvest is underway in the High and Low Plains on fields that were chemically defoliated. Most farmers will wait until the first freeze before starting harvest operations. Cotton picking made excellent progress in the Carolinas and Georgia. Harvest was 86% finished in Missouri, 74% in South Carolina, 66% in Arkansas, and ranged downward to less than 5% in Oklahoma.

Ideal harvest weather favored cotton picking in Arizona, California, and New Mexico. Harvest in Arizona reached the halfway point.

**SOYBEANS:** Wet conditions limited soybean harvesting in many areas, but aided by unseasonably warm temperatures, growers were able to make good progress in most areas. By November 9, harvest of the Nation's second largest soybean crop on record was 80% finished, ahead of both 75% in 1974 and normal 70%.

In the North Central States, combining was in the windup stage with 97% harvested versus 89% in 1974 and average 84%. Record yields were harvested in Illinois and Ohio. In Indiana, 95% of its record crop has been combined. Soybean harvesting also continues in Missouri with 87% done; Kansas, 90%; and Michigan, with 95%. In the South, harvest of soybeans was 52% complete, a 10 point gain for the week, and continues ahead of both last year and normal. Combining was 60% complete in Arkansas and 51% in Mississippi.

**OTHER CROPS:** Sorghum grain harvesting continued to outpace 1974 and normal levels in the seven major States. By November 9, combining was 95% finished versus 61% a year ago and the normal 78%. Harvest was 77% complete in Oklahoma, 88% in Colorado, 90% in Kansas, 92% in Missouri, and 97% in Texas. Harvest in Texas is making rapid progress on the High and Low Plains.

Sugarbeet lifting was near completion in the California Central Valley and Nebraska, 93% finished in Colorado, and 70% in Ohio.

Tobacco quality is good in Kentucky where 20% has been stripped. Stripping in Tennessee was 54% complete and 5% in Ohio.

Sugarcane harvesting is beginning in Florida and was 35% cut in Louisiana versus 34% in 1974 and the normal 31%.

**FRUITS AND NUTS:** Pecan harvest was underway in Alabama, was 33% complete in Georgia, and gaining momentum in Texas and Oklahoma. Walnut and almond harvests were nearing completion in California. Citrus groves remain in excellent condition in Florida, where local rains have kept the moisture supply adequate and reduced the need for irrigation. The citrus movement continues below seasonal normals in Texas, while new crop Desert grapefruit, tangerines, and Navel oranges are being picked in limited amounts in California.

**VEGETABLES:** Harvesting of Florida vegetables was increasing as more crops reached maturity. Condition and quality of most crops were good. In Texas, harvests of cabbage, carrots, cucumbers, eggplants, and peppers were active. Harvests of artichokes, broccoli, cauliflower, and carrots were in good supply in the California Salinas area, while cantaloup and honeydew harvests were active in the Imperial Valley. Planting continues active in Florida on snap beans, cabbage, celery, lettuce, tomatoes, and radishes. In Texas, onion planting was underway in the Trans-Pecos area.

**PASTURES AND LIVESTOCK:** Unseasonably warm temperatures and recent moisture added new growth to pastures in many southern areas. Grazing continued open in most Northern States, but ranchers still continue to move livestock to winter ranges and crop residues. Wheat pastures are in mostly poor condition in the Western Plains; however, in southern Oklahoma, recent rains brightened the pasture outlook. Livestock remain in mostly good condition in most areas of the country, but culling and marketing continue active as winter approaches.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Nov. 9, 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 . . .	68	+13	.1	-.6	La. Baton Rouge . . .	73	+12	.2	-.6	Youngstown . . .	61	+17	.1	-.6
Mobile . . .	73	+12	10.6	+10.0	Lake Charles . . .	71	+8	.3	-.5	OKLA. Okla. City . . .	61	+8	.6	+.2
Montgomery . . .	73	+15	1.6	+1.0	New Orleans . . .	74	+11	10.0	+9.3	Tulsa . . .	62	+9	.4	-.1
ALASKA. Anchorage . . .	9	-14	-.1	-.2	Shreveport . . .	69	+10	1.6	+.8	OREG. Astoria . . .	48	0	2.6	+.5
Barrow . . .	---	---	---	---	MAINE. Caribou . . .	44	+8	.2	-.6	Burns . . .	40	+1	.1	-.2
Fairbanks . . .	-13	-22	1	.2	Portland . . .	52	+9	.7	-.4	Medford . . .	45	-1	.3	-.4
Juneau . . .	---	---	---	---	MD. Baltimore . . .	64	+14	.2	-.5	Pendleton . . .	50	+6	.1	-.3
Kodiak . . .	---	---	---	---	MASS. Boston . . .	63	+14	.1	-.9	Portland . . .	50	+3	.8	-.4
Nome . . .	6	-14	.1	-.2	Chatham . . .	57	---	.3	---	Salem . . .	48	+1	1.8	+.5
ARIZ. Flagstaff . . .	47	+8	0	-.3	MICH. Alpena . . .	52	+13	.2	-.4	PA. Allentown . . .	61	+15	.4	-.4
Phoenix . . .	70	+7	0	-.1	Detroit . . .	60	+16	.3	-.3	Erie . . .	59	+15	.4	-.5
Tucson . . .	68	+6	0	-.1	Flint . . .	62	+20	.5	-.1	Harrisburg . . .	63	+15	.2	-.5
Winslow . . .	51	+4	0	-.1	Grand Rapids . . .	60	+17	.4	-.2	Philadelphia . . .	65	+15	.1	-.6
Yuma . . .	70	+3	0	-.1	Houghton Lake . . .	53	+14	.7	+1	Pittsburgh . . .	60	+15	T	-.6
ARK. Fort Smith . . .	67	+13	.9	+.1	Lansing . . .	66	+23	.7	+1	Scranton . . .	61	+16	.2	-.5
Little Rock . . .	66	+12	1.4	+.6	Marquette . . .	55	+16	.8	+1	R.I. Providence . . .	56	+9	.3	-.7
CALIF. Bakersfield . . .	60	+1	T	-.1	Muskegon . . .	58	+15	.8	+1	S.C. Charleston . . .	69	+10	1.2	+.7
Eureka . . .	50	-3	.6	-.6	S. Ste. Marie . . .	48	+11	1.0	+2	Columbia . . .	67	+10	.6	+.1
Fresno . . .	55	-2	0	-.2	MINN. Duluth . . .	49	+15	.4	0	Greenville . . .	64	+10	1.4	+.7
Los Angeles . . .	62	-2	0	-.4	Internatl Falls . . .	46	+15	T	-.3	S.D. Aberdeen . . .	51	+15	0	-.1
Red Bluff . . .	53	-4	T	-.6	Minneapolis . . .	52	+14	.2	-.1	Huron . . .	49	+11	0	-.2
San Diego . . .	61	-1	0	-.2	Rochester . . .	52	+14	2.1	+1.8	Rapid City . . .	50	+11	.1	0
San Francisco . . .	55	-2	.2	-.2	St. Cloud . . .	48	+13	.3	0	Sioux Falls . . .	49	+11	.4	+.2
Stockton . . .	56	0	.1	-.2	MISS. Jackson . . .	70	+12	2.7	+1.9	TENN. Chattanooga . . .	61	+9	.7	-.1
COLO. Denver . . .	49	+6	1.3	+1.1	Meridian . . .	67	+10	.5	-.1	Knoxville . . .	61	+9	.5	-.3
Grand Junction . . .	48	+4	0	-.1	MO. Columbia . . .	62	+14	.9	+.4	Memphis . . .	67	+13	4.0	+3.2
Pueblo . . .	51	+7	.4	+.3	Kansas City . . .	60	+12	.7	+.3	Nashville . . .	67	+15	1.1	+.4
CONN. Bridgeport . . .	61	+11	.3	-.6	St. Louis . . .	64	+15	1.1	+.5	TEX. Abilene . . .	63	+6	0	-.4
Hartford . . .	62	+17	.3	-.7	Springfield . . .	63	+14	.6	0	Amarillo . . .	57	+7	T	-.2
D.C. Washington . . .	66	+14	.4	-.2	MONT. Billings . . .	48	+9	0	-.1	Austin . . .	71	+9	T	-.5
FLA. Apalachicola . . .	72	+8	.7	+.2	Glasgow . . .	45	+11	0	-.1	Beaumont . . .	70	+7	T	-.9
Daytona Beach . . .	75	+8	.3	-.3	Great Falls . . .	48	+10	0	-.1	Brownsville . . .	75	+5	T	-.4
Ft. Myers . . .	78	+7	.3	-.1	Havre . . .	46	+11	T	-.1	Corpus Christi . . .	74	+7	.6	+.2
Jacksonville . . .	72	+8	.2	-.3	Helena . . .	40	+5	T	-.1	Del Rio . . .	70	+7	T	-.2
Key West . . .	81	+4	.3	-.5	Kalispell . . .	42	+8	T	-.3	El Paso . . .	61	+6	0	-.1
Lakeland . . .	76	+7	3.2	+2.8	Miles City . . .	46	+9	0	-.1	Fort Worth . . .	69	+10	0	-.5
Miami . . .	78	+4	1.2	+.3	Missoula . . .	41	+7	.1	-.1	Galveston . . .	72	+6	.2	-.5
Orlando . . .	76	+7	.4	0	NEBR. Grand Island . . .	53	+10	.7	+.6	Houston . . .	69	+5	.4	-.5
Tallahassee . . .	73	+11	.4	-.1	Lincoln . . .	54	+10	.5	+.3	Lubbock . . .	61	+9	0	-.2
Tampa . . .	78	+9	T	-.4	Norfolk . . .	52	+11	1.4	+1.3	Midland . . .	63	+6	0	-.2
W. Palm Beach . . .	79	+6	.5	-.4	N. Platte . . .	48	+8	T	-.1	San Angelo . . .	64	+5	0	-.2
GA. Atlanta . . .	66	+11	1.0	+.3	Omaha . . .	54	+11	.7	+.4	San Antonio . . .	69	+6	0	-.5
Augusta . . .	68	+11	.8	+.3	Valentine . . .	49	+10	0	-.1	San Antonio . . .	69	+6	T	-.6
Macon . . .	69	+11	.5	0	NEV. Ely . . .	42	+5	T	-.1	Victoria . . .	72	+7	T	-.6
Savannah . . .	71	+11	.7	+.3	Las Vegas . . .	62	+5	0	-.1	Waco . . .	72	+11	.2	-.4
HAWAII. Hilo . . .	74	0	1.2	1.8	Reno . . .	43	0	T	-.1	Wichita Falls . . .	63	+6	.1	-.3
Honolulu . . .	79	+2	.1	-.5	Winnemucca . . .	43	+3	.1	-.1	UTAH. Blanding . . .	45	+2	.3	0
Kahului . . .	74	-2	T	-.5	N.H. Concord . . .	51	+9	.6	-.3	Salt Lake City . . .	54	+13	.1	-.6
Lihue . . .	78	+2	.6	-.6	N.J. Atlantic City . . .	60	+10	.1	-.9	VT. Burlington . . .	54	+13	.1	-.6
IDAHO. Boise . . .	48	+5	.1	-.2	Trenton . . .	60	+10	.4	-.3	VA. Lynchburg . . .	63	+13	.4	-.2
Lewiston . . .	49	+6	T	-.3	N.MEX. Albuquerque . . .	52	+4	0	-.1	Norfolk . . .	66	+11	0	-.7
Pocatello . . .	43	+4	T	-.2	Roswell . . .	61	+11	0	-.1	Richmond . . .	66	+14	T	-.7
ILL. Cairo . . .	65	+13	.9	+.1	N.Y. Albany . . .	59	+15	.1	-.5	Roanoke . . .	64	+14	.1	-.5
Chicago . . .	64	+19	.4	-.2	Binghamton . . .	57	+14	.3	-.4	WASH. Colville . . .	41	+4	.4	0
Moline . . .	59	+15	.9	+.4	Buffalo . . .	58	+14	.8	-.1	Omak . . .	42	+4	.2	-.2
Peoria . . .	60	+15	.5	0	New York . . .	64	+13	.5	-.3	Quillayute . . .	47	+1	7.7	+4.6
Rockford . . .	58	+16	1.6	+1.0	Rochester . . .	58	+13	.4	-.3	Seattle-Tacoma . . .	48	+2	1.1	-.2
Springfield . . .	63	+17	.4	-.2	Syracuse . . .	58	+13	.7	0	Spokane . . .	43	+5	.2	-.3
IND. Evansville . . .	64	+15	1.9	+1.2	N.C. Asheville . . .	58	+9	1.7	+1.0	Walla Walla . . .	53	+8	.1	-.3
Ft. Wayne . . .	63	+19	1.0	+.4	Charlotte . . .	64	+10	.6	0	Yakima . . .	43	+2	.1	-.1
Indianapolis . . .	63	+17	.9	+.2	Greensboro . . .	64	+12	.4	-.2	W. Va. Beckley . . .	61	+16	.6	0
South Bend . . .	63	+19	.4	-.2	Hatteras . . .	65	+6	.2	-.8	Charleston . . .	65	+16	.3	-.3
IOWA. Burlington . . .	60	+15	.8	+.4	Raleigh . . .	65	+12	.2	-.4	Huntington . . .	64	+15	.2	-.4
Des Moines . . .	57	+14	.4	0	Wilmington . . .	69	+10	.5	-.2	Parkersburg . . .	63	+14	.1	-.5
Dubuque . . .	54	+13	.8	+.2	N. DAK. Bismarck . . .	47	+13	T	-.1	WIS. Green Bay . . .	53	+14	.2	-.2
Sioux City . . .	51	+10	1.1	+.9	Fargo . . .	48	+13	0	-.2	La Crosse . . .	54	+13	1.4	+1.0
KANS. Concordia . . .	56	+10	1.0	+.8	Williston . . .	42	+9	T	-.1	Madison . . .	57	+17	.8	+.4
Dodge City . . .	55	+8	.1	-.1	OHIO. Akron-Canton . . .	62	+17	.1	-.5	Milwaukee . . .	58	+17	.2	-.3
Goodland . . .	52	+10	.3	-.2	Cincinnati . . .	65	+17	.4	-.3	WYO. Casper . . .	47	+9	0	-.2
Topeka . . .	59	+12	.7	+.4	Cleveland . . .	62	+16	.1	-.5	Cheyenne . . .	47	+8	T	-.1
Wichita . . .	58	+9	.1	-.2	Columbus . . .	63	+17	.3	-.3	Lander . . .	42	+6	0	-.2
KY. Lexington . . .	65	+17	.9	+.2	Dayton . . .	65	+19	.4	-.2	Sheridan . . .	46	+9	T	-.2
Louisville . . .	65	+16	1.4	+.7	Toledo . . .	60	+16	.4	-.1	P.R. San Juan . . .	81	+2	1.5	0

Based on 1941-70 Normals

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## 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:** Temperatures averaged 14° above normal. Rainfall light to moderate ranging from 0.09 in. at Selma to 10.57 in. at Mobile.

Cotton, corn, soybean harvest main activities. Some late plantings of small grains and winter grazing crops. Corn harvest 77% complete, 84% 1974, average 76%. Soybean harvest made good progress at 53% harvested, 70% 1974, 48% average. Cotton harvest still behind with 80% of bolls open and 34% harvested, 69% 1974, average 67%. Seeding of small grains and winter grazing crops 73% complete, 82% 1974. Pecans poor to fair and harvest underway. Pastures good, soil moisture adequate.

**ARIZONA:** No precipitation. Temperatures 4 to 8° above normal.

Cotton harvest, defoliation continues. Harvest southern counties full swing. Harvest 50% complete. Late harvest grain sorghum begun. Sugarbeets good progress. Preparation, irrigation for small grains and safflower. Renovation, replanting complete for alfalfa. Lettuce harvest tapering off Cochise County nearing completion. Harvests nearing full volume central areas, underway Yuma County. Mixed vegetables seasonal progress. Melon harvest active, Salt River Valley nearing completion. Lemon harvest continued Yuma, Salt River Valley. Navel orange harvest continued Salt River Valley, beginning Yuma. Range feed inadequate most areas. Soil moisture, water tanks dry. Ranchers feeding supplements.

**ARKANSAS:** Temperatures 10 to 14° above normal. Extremes: 85 and 46°. Rain general with most areas receiving 1.00 to 1.50 in.

Rains slowed harvest activity. Soil moisture mostly adequate. Fieldwork: 3 days favorable. Cotton 66% picked, 45% 1974. Some growers picking only once. Some cotton land seeded to wheat. Rice harvest virtually complete. Levees and fields disked. Soybean harvest 60% complete, 35% 1974. Most corn and sorghum harvested. Wheat continues to be planted behind harvested crops. Early planted small grains making good growth. Pastures improving. Cattle-men feeding some hay. Marketing above normal as herds are culled closely.

**CALIFORNIA:** Fair except few light showers north and central on 5th and north on 6th and 7th. Central Valley and Coastal Valley amounts mostly less than 0.10 in. Warming early week and cooling by end inland areas. Highs mostly 60's and 70's Central Valley and Coastal Valleys, 60's along coast, and 80's in low southeast Deserts. Lows mostly 40's Central Valley, mid 30's to low 40's Coastal Valleys. Average temperatures near normal except 2 to 6° above northern mountains, Sierra Nevada, and high southeast deserts.

Rains Central Valley slowed harvest and land preparation. Preparation, planting small grains continue. Milo, cotton and corn harvest continues. Dry bean harvest ending. Some alfalfa green chopped or sheeped off. Sugarbeet harvest about over Central Valley. Planting complete Imperial Valley. Growers active on normal fall field activities. Wine grape harvest, north coast, regardless of sugar content. Walnut, almond harvest nearing completion. New crop Desert grapefruit, tangerines, navel

oranges picked in limited amounts. Artichokes, broccoli, cauliflower, carrots good supply Salinas. Cantaloup slow, honeydews active Imperial Valley. Lettuce increasing Palo Verde Valley. Potatoes nearing completion Tulelake. Onions slow Modoc County. Tomatoes slow San Diego. Bell peppers winding down central coast. Rainfall beneficial rangeland. Grass sprouting, soil moisture supplies improved. Stock water adequate. Supplemental feeding active on limited scale. Predators problem, sheep cattle. Sheep graze stubble alfalfa.

**COLORADO:** Temperatures above normal days, normal nights. High 80° La Junta, low 7° Gunnison. Precipitation end of week mountains and eastern Plains averaged 0.25 to 0.50 in. Mountain snows generally 6 in. or less.

Corn 84% harvested, 78% 1974, 59% average. Sugarbeets 93% harvested, 95% 1974, 88% average. Grain sorghum 88% harvested, 41% 1974, 52% average. Winter wheat stands spotty due to shortage of moisture. Range and pasture grass frozen and dry. Livestock generally good condition, but light.

**FLORIDA:** Partly cloudy, very mild. Rather windy early week. Temperatures well above normal, afternoon highs mainly in 80's. Widely scattered showers brought light to moderate precipitation.

Soil moisture mostly adequate, but short upper north central. Harvest complete corn and peanuts; active cotton and soybeans; just beginning sugarcane. Pecan harvest and sales active. Planting small grain about complete; condition fair to good. Rains have not been sufficient in most areas and heavy grazing continues to reduce pasture condition, particularly in Panhandle. Cattle and calves generally good condition south, central, but mostly fair western counties. Citrus groves excellent condition. Local rains, moisture adequate all areas, very little irrigation. Good fruit color. Harvest very active on early types. Vegetable growing conditions good to excellent. Harvest increasing most crops. Snap beans good condition; planting active; volume up. Cabbage condition fair to good; plantings active; slightly behind schedule; harvest light. Celery crop improving; transplanting active. Sweet corn plantings active; harvest steady. Cucumber condition improving. Eggplant condition very good; harvest increasing. Lettuce good condition; planting active. Peppers good condition; harvest increasing. Potato plantings behind schedule due to rains. Early plantings good stands. Radish planting active; harvest up. Squash good condition, volume steady. Tomatoes mostly good condition, volume up.

**GEORGIA:** Very warm week with near record warmth. Temperatures 4 to 6° above normal, but 8° above normal extreme west central. Dry early and mid-period except upper coast. Heavy showers late week north, up to 1.50 in. Heavy showers north on 8th and 9th, greatest over 1.50 in. at Toccoa.

Soil moisture varied: South, mostly short; north, mostly adequate. Fieldwork possible 5 days. Harvest active but still behind. Corn fair to mostly good, 78% harvested, 1974 81%. Cotton only 45% picked, 1974 73%, condition

fair to good. Soybeans fair to mostly good, 38% combined, 1974 58%. Peanut digging virtually complete, some threshing remains. Pecan harvest 33% complete, 1974 26%, condition mostly fair to good. Wheat planting 49% complete, rye 71% complete and other small grains 66% planted. Pastures and cattle declined.

**HAWAII:** Weather favorable for crop growth. Showers decreased Hawaii. Increased slightly on Kauai and Oahu. Very little change on Maui.

Heavy irrigation in progress. Vegetable supplies adequate. Banana supplies heavy. Papaya production active. Pineapple harvesting light. Sugar harvest further decline, more mills closing for season. Rains improving grass growth windward Kauai. Most areas in need of more moisture.

**IDAHO:** Record high temperatures most areas on 4th and 5th. Average temperatures above normal north and southwest. Temperatures near normal southeast. Precipitation below normal all stations.

Weather favorable for fall field activities. Potato harvest virtually complete. Sugarbeet harvest remains active. Fall plowing and general field work active. Livestock remain in good condition moving to winter ranges. Feed supplies adequate.

**ILLINOIS:** Temperatures 13 to 19° above normal. Precipitation 0.50 to 2.75 in., heaviest south.

Corn harvest 92% complete, 61% 1974 and average; harvest active. Soybean harvest complete, 93% 1974, average 90%. Winter wheat seedings mostly good to excellent condition. Grain sorghum harvest 90% complete. Plowing 1976 corn and soybeans 50% complete, 32% 1974 and average. Pastures mostly fair to good, supplying 55% roughage requirements. Soil moisture 15% short, 75% adequate, 10% surplus. Fieldwork: 5 days suitable.

**INDIANA:** Exceedingly warm week. Temperatures from 42 to 80°, averaged 16 to 19° above normal. Rainfall 0.60 in. northwest and southeast, 1.00 to 1.50 in. northeast and southwest. Soil temperatures 10° above normal. Relative humidity and cloudiness above normal.

Fieldwork averaged 6 days. Topsoil and subsoil moisture adequate. Corn 80% harvested, 1974 45%, average 55%. Glut at elevators. Soybeans 95% combined, 1974 85%, average 75%. Wheat 95% seeded, 85% emerged; stands mostly good to excellent. Land for spring planting 25% plowed, same as 1974. Pastures mostly fair to good.

**IOWA:** Temperatures 13° above normal. Third successive week with above normal temperatures. Precipitation above normal for first time in more than 2 month. First snow 9th northwest. General rain 9th, scattered thunderstorms heavy north and west, moderate southeast. Several small tornados and damaging winds east afternoon and evening of 9th.

Corn harvest and other fieldwork slowed. Fog, drizzle kept farmers from field part of week, particularly east and south. Fieldwork averaged 5.8 days suitable. Corn harvest 96% complete, 65% 1974, 62% average. Some farmers waiting for storage to become available before finishing harvest. Storage a concern in all areas except southwest. Statewide 64% indicate storage short; mostly due to slow movement from elevators; 79% indicate some corn on ground, mostly at elevators; quality of ground stored corn good. Soybean harvest complete, 96%

1974, 87% average. Sorghum harvest virtually complete, 80% 1974, 72% average. Fall plowing 45% complete, 35% 1974. Topsoil moisture improved but still mostly short.

**KANSAS:** Beneficial to substantial moisture over portions of central and southwest ranging to from 2.00 to over 4.00 in., with 0.25 to 0.75 in. southeast and extreme east. Northwest and extreme west remain critically dry with only spotty rains of 0.25 to 0.50 in. Continued unseasonably warm with temperatures ranging from 11 to 15° above normal.

Wheat 95% planted, normal 100%; southwest 85%, south central 90%. Wheat condition improved, but very little being pastured. Soybeans 90% harvested, 50% 1974, 80% average. Corn 95% harvested, 80% 1974, 70% average. Sorghum grain 90% harvested, 40% 1974, 70% average.

**KENTUCKY:** Temperatures averaged well above normal. Scattered light rain early week. Heavier amounts near week's end. Precipitation averaged around 0.50 in. with locally heavier amounts ranging up to 3.00 in.

Soil moisture mostly adequate, excessive far west. Harvest on schedule, but slowed by week-end rain. Five days favorable for fieldwork. Corn 78% harvested, 78% 1974, 76% average. Soybeans 69% harvested, 65% 1974, 64% average. Quality tobacco good, 20% stripped, 19% 1974, 23% average. Condition of fall seeded crops and pastures very good.

**LOUISIANA:** Temperatures 6 to 12° above. Light rain nearly statewide 3d and 4th. Heavy rain southeast 5th. Greatest 1-day rainfall 8.54 in. on 5th. Temperature extremes: 85 and 48°.

Fieldwork possible 4.4 days. Soil moisture generally adequate. Main activities harvesting sugarcane, soybeans, cotton. Soybeans 76% harvested, 82% 1974, 69% average. Cotton 40% picked, 71% 1974, 64% average. Sugarcane 35% harvested, 34% 1974, and 31% average. Sweet-potatoes 95% harvested. Pecan harvest continued. Wheat 75 to 80% and oats 85% seeded. Pastures average. Cattle fair to good.

**MARYLAND AND DELAWARE:** Temperatures averaged 6 to 13° above normal. Highs low 80's, lows low 20's. Precipitation light, heaviest amount of 0.10 in. north central Maryland.

Farmers had excellent conditions for completing harvest operations and seeding of fall grains.

**MICHIGAN:** Temperatures mostly above normal from 1 to 5° above. Precipitation near normal from 0.24 to 1.27 in.

Soil moisture adequate. Good harvest weather continued. Corn for grain nearly 80% harvested, 48% 1974, 54% average. Soybean combining 95%, 94% 1974, 77% average. Winter wheat virtually all planted, crop development good. Fall plowing 30% done. Fruit and vegetable harvest virtually over. Five days suitable for field and harvest work.

**MINNESOTA:** A very warm dry week. First winter storm of season passed over southeast third on 9th, leaving a trail of light melting snow. Temperatures averaged 15° above normal. Extremes: 78 and 19°. Precipitation: Dry except for 0.20 to 0.50 in. southeast 3d.

Fall harvest about completed. Corn combining and picking 99% complete, 1974 95%, average 80%. Moisture content grain 18%, 1974 19%, average 22%. Sunflowers 96% combined, 1974 99%. Fall plowing difficult due dry conditions, but progress ahead

average. Favorable fall weather permitted additional time for drainage and tilling, nitrogen application, farm building improvement.

**MISSISSIPPI:** Temperatures 8 to 14° above normal. Extremes: 85 and 34°. Greatest 24-hour rainfall was 3.35 in. at Lexington on 3d.

Soil moisture mostly surplus to excessive in north and mostly adequate south. Fieldwork: 2.3 days suitable. Cotton 95% open bolls, 94% average; 35% harvested, 63% 1974, 70% average. Soybeans 98% shedding; 92% mature; 51% harvested, 54% 1974, 50% average. Rice 90% harvested, 100% 1974. Corn 82% harvested, 87% 1974, 79% average. Sorghum 92%, sweetpotatoes 92%, hay crops 94%, and pecans 40% harvested. Winter wheat 82% and oats 87% planted. Cotton in poor to fair condition, other crops mostly good condition.

**MISSOURI:** Temperatures 14 to 16° above normal. Precipitation 0.25 in. except east Ozarks, Bootheel where 1.25 to 1.50 in. fell.

Corn harvest 92% complete, 67% 1974, 64% normal. Soybeans 87% harvested, 64% 1974, 66% normal. Grain sorghum harvest 92% complete, 58% 1974, 67% normal. Cotton harvest 86% complete, 52% 1974, 62% normal. Plowing for spring planted crops 49% complete. Winter wheat seeding 88% complete, condition fair to mostly good. Fieldwork: 4.5 days suitable. Soil moisture supply short northern areas. Pasture condition fair to good.

**MONTANA:** Week began unseasonably warm but temperatures cooled to near normal by end of week. Precipitation confined to west. Windy days central.

Harvest of all crops virtually complete. Few scattered grain fields standing northern counties. Livestock grazing open. Stockwater adequate. Soil moisture adequate most areas. Winter wheat condition good.

**NEBRASKA:** Temperatures 10 to 20° above normal, cooling late week with 5 to 10° below normal. Limited rain over west, greater amounts southeast.

Topsoil moisture supplies 94% short. Subsoil moisture supplies 99% short. Corn harvest 95% completed, 1974 85% and 65% normal. Sorghum harvest 100% complete, 1974 90% and normal 80%. Soybean harvest 100% complete, 1974 95%, 90% normal. Sugarbeet harvest virtually complete. Wheat condition poor to mostly fair. Pasture and range feed supplies 89% short. Cattle on stalk fields doing well. Supplemental feeding on short pastures and range grasses.

**NEVADA:** Fair weather early, cooler north and central later. Temperatures averaged 2 to 6° above normal. Extremes: 83° Logandale, 8° Ely. Precipitation mainly north, from 0.23 in. Elko to trace Ely.

Cotton harvest started Pahrump Valley. Cattle and sheep mostly good condition.

**NEW ENGLAND:** Several weak frontal systems caused showers New England each day until 6th. Unseasonably warm temperatures 60's and 70's except 6th, when they were 10° lower. Northern Maine cooler but still above normal.

**NEW JERSEY:** Temperatures 9 to 12° above normal. Averages: 56° north, 61° south and coastal. Extremes: 34° at Newton on 6th and 78° at various locations on 9th. Precipitation totals 0.50 to 0.80 in. below normal. Averages 0.40 in. north and south and 0.10 in. coastal.

Warm weather benefiting late, hardy vegetable crops. Small grains and cover crops growing nice-

ly. Harvest of corn for grain and soybeans progressing rapidly.

**NEW MEXICO:** Very warm days, chill nights. Moderate windiness most areas over weekend. Temperatures averaged 5 to 10° above normal. Only a few traces of precipitation.

Ideal harvest weather. Most crop harvest about done, except cotton 15 to 20%. Lettuce active but decreasing. Pecans to start shortly. Still no killing freeze southern areas. Fall seeded wheat, barley making good progress, but needs moisture. Ranges fair, livestock good condition.

**NEW YORK:** Temperatures continued well above normal. Some high temperature records broken. Rain fell early week and in early weekend. Amounts generally moderate to heavy northwest and light to moderate elsewhere. Mild week throughout. Daily highs near or above 70° occurred in southeastern valleys.

**NORTH CAROLINA:** Season's first cold weather early then turning unseasonably warm. Temperatures averaged 4 to 7° above normal. Several record breaking high temperatures established. Precipitation sparse. Showers west on 7th.

Days suitable fieldwork 4.4. Soil moisture short to mostly adequate. Corn 89% combined, 1974 88%, average 70%. Cotton 54% picked, 1974 58%, average 50%. Soybeans 23% harvested, 1974 36%, average 28%. Sorghum grain 74% harvested, 1974 77%. Lespedeza seed 49% harvested. Small grains 64% planted, 1974 62%, average 66%. Wheat, oats, and barley fair to mostly good. Rye fair to good. Pasture mostly fair to good. Tobacco beds under preparation.

**NORTH DAKOTA:** Temperatures averaged 19° above normal. Extremes: 79 and 20°. Precipitation averaged 0.17 in. below normal. Weekend mostly sunny skies, cooler nights and mostly dry.

Farmers doing fall tillage, harvesting sunflowers, fertilizing and preparing for winter. Soil moisture supplies short to adequate.

**OHIO:** Unseasonably warm with highs above 70° every day. Record highs 4th to 9th. Extremes: 82° southeast; 44° northwest. Rainfall light, ranging 0.54 in. west to 0.03 in. northeast.

Harvest completed: Corn for grain 75%, 65% 1974 and 70% normal; sugarbeets 70%, virtually complete 1974 and 80% normal; popcorn 85%, 80% 1974 and 75% normal. Soybean harvest virtually complete. Tobacco 5% stripped, same as 1974. Winter wheat stands good to excellent. Soil moisture supplies: 3% short, 96% adequate and 1% surplus. Fieldwork: 6 days favorable.

**OKLAHOMA:** Temperatures above normal, averaging 3 to 10° above normal. Precipitation heavy in all areas and ranged from 0.91 in. northeast to 2.52 in. west central. Weekend generally warm with scattered light showers southeast.

Rainfall early week improved small grain prospects. Wheat 88% seeded, 59% up to stand. Year ago and average seedings 98% complete. Western Panhandle still dry. Sorghum grain harvest 77% complete, 45% 1974, 58% average. Cotton bolls 81% open, 89% 1974, 95% average. Harvest waiting for freezing temperatures. Peanut harvest past 90% mark, 61% 1974, 61% average. Soybean harvest 53% complete, wet conditions slowed progress. Pecan harvest gaining momentum. Ranges improved by rains. Wheat pasture outlook brighter south half.

**OREGON:** Temperatures averaged 3 to 7° above

normal. Extremes: 60's, 30's, west; 70's, 20's, east. Precipitation in east 0.10 in. or less, western valleys ranged 0.50 to 1.30 in., 1.00 to 2.00 in. along coast.

Fall seeding continues west, nearly completed east. Corn silage continuing with muddy conditions. Fruit harvest completed. Filbert, walnut harvest continuing. Broccoli, cauliflower being cut. Potato harvest winding down. Ranges, pastures good, greening up. Cattle in good condition. Winter feed adequate.

**PENNSYLVANIA:** Record breaking warmth several days. Daytime highs 60's and 70's, overnight lows 40's and 50's. Temperatures 13 to 19° above normal. Extremes: 80 and 29°. Showers latter half produced 0.50 to 0.75 in. west, mostly under 0.25 in. east.

Ideal weather for fall wind-up. Farmers completing fall harvest and sowing fall grains. Some harvest of late apple varieties active.

**PUERTO RICO:** Island average rainfall 1.84 in. Highest weekly total 5.63 in. at San Sebastian. Highest 24-hour total 3.62 in. at San Sebastian. Temperatures averaged about 79° on coasts and 73° interior. Extremes: 91 and 58°.

Favorable weather for growth of sugarcane. Declination in production expected as plantations still suffering from flood effects in some areas. Coffee harvest and tobacco planting progressing well. Pastures in good condition although affected by aphids some areas. Food crops in good condition. Cultivation operations underway. Pesticides used.

**SOUTH CAROLINA:** Temperatures cooler than normal early, above normal mid and late week. Rainfall occurred as scattered showers midweek. Widespread rainfall end of week.

Harvest, seeding of fall grains continues active. Soil moisture short to adequate. Corn harvest 94%, 92% 1974, 90% average. Cotton harvest 74%, 79% 1974, 72% average. Soybean harvest 26%, 40% 1974, 27% average. Sorghum harvest 74%, 72% 1974, 62% average. Wheat seeding 38%, 31% 1974, 33% average. Oat seeding 52%, 48% 1974, 47% average.

**SOUTH DAKOTA:** Temperatures averaged 10 to 17° above normal. Extremes: 81 and 18°. Light precipitation southwest and extreme southeast. Greatest amounts 0.79 in. at Yankton.

Corn harvest nearly complete. Livestock in good condition. Haystack moving continues.

**TENNESSEE:** Several periods of rain occurred. West received up to 4.00 in. with 0.50 to 1.50 in. central and east. Temperatures averaged 12° above normal.

Soybeans all mature, no freeze damage; 49% harvested, 1974 45%, average 46%. Poor crop of cotton further hurt by excessive rainfall; 53% picked, 1974 45%, average 58%. Corn 68% harvested, same as 1974, 1% less than average. Wheat 72% sown, 1974 and average 76%. Oats and barley 90% seeded, ahead of 1974, behind normal. Tobacco 54% stripped, 1974 42%, average 57%. Pastures excellent.

**TEXAS:** Temperatures below freezing across Panhandle on 9th. Temperatures 16° above normal north central, near normal along coastal plains and far west. Precipitation below normal.

Planting wheat, oats rapidly nearing completion. Recent rains provide moisture, establish dryland stands. Growth has been good. Harvest cotton, corn, sorghum, peanuts, soybeans generally well

ahead schedule. Wheat stands excellent response, recent rains, showing new growth. Light grazing available High, Low Plains dryland crop. Irrigated wheat furnishing good grazing. Oat seeding rapidly nearing completion, only few fields Blacklands, East remaining to be seeded. Most stands furnishing moderate grazing following recent rains. Cotton harvest underway High, Low Plains on fields that were chemically defoliated. Most farmers will wait until first freeze before starting harvest operations. Sorghum harvest rapid progress High, Low Plains following short delay because of rains. Late fields south, Lower Rio Grande Valley ready for harvest as fields dry out. Rains Cross-Timbers, Blacklands make easy peanut digging. Digging fall crop south, south central delayed by rains, expected resume shortly. Major crops percent planted: Wheat 94, 1974 93, average 96; oats 94, 1974 92, average 93; flax 12, 1974 21, average 14. Major crops percent harvested: Cotton 32, 1974 29, average 32; corn 99, 1974 80, average 92; sorghum 97, 1974 65, average 85; peanuts 95, 1974 61, average 77; soybeans 83, 1974 44, average 63; sugarbeets 67, 1974 38, average 67.

High Plains: Lettuce harvest virtually complete. Carrot digging and some cabbage being cut. Trans-Pecos: Onion planting underway. Cabbage being harvested. Digging sweetpotato crop in final stages. San Antonio-Winter Garden: Cabbage harvest continues, light carrot digging started. Cucumbers, eggplants, peppers being harvested. Spinach, onion planting continues. Laredo: Tomatoes making fair growth. Coastal Bend: Planting spinach, cabbage delayed by rains. Cucumber harvest continues. Lower Rio Grande Valley: Pepper harvest peaking. Cucumber harvest passed peak production, moderate supplies still available. Light supplies fresh market tomatoes started moving market. Light cabbage cutting underway. Pecan harvest gaining momentum statewide. Citrus movement continues below seasonal average primarily because weak demand, relatively low prices.

Ranges, small grain fields good growth. Limited grazing wheat, oats available High, Low Plains. Livestock fair to good condition. Recent rains beneficial most areas, but more needed northeast, Blacklands, northern High Plains. Heavy screw-worm activity in southern High Plains to Lower Rio Grande Valley.

**UTAH:** Dry favorable weather most of week, then colder with light precipitation 8th and 9th. Heaviest amounts in north central ranged near 0.25 in. Temperatures ranged from 3° above normal west to 7° above in the Uintah Basin.

Harvest of sugarbeets and corn for grain, last crops to be harvested; made good progress. Grading, sorting and marketing potatoes, dry onions, and apples in progress. Breeding of ewes on fall and winter ranges also in progress.

**VIRGINIA:** Warm weather, temperatures 12° above normal. Extremes: 83 and 30°. Rainfall light, most areas had none at all. Average less 0.10 in.

Fieldwork: 5.6 days suitable. Topsoil moisture: 72% adequate, 27% short, 1% surplus. Corn grain harvest 77% complete, 1974 77%, average 73%. Peanuts combined 90%, 1974 100%, average 85%. Soybeans 33% combined, 1974 66%, average 43%. Frost improved harvesting conditions. Cotton 15% picked, 1974 18%, quality down. Pasture condition excellent. Some overgrazed, needs moisture. Fall vegetable harvest continued. Wheat seeding 68%, 1974 73%, average

70%. Barley, oats seeding 83 and 86% respectively.

**WASHINGTON:** West: Precipitation from near normal north to well above normal along coast. Temperatures 2 to 6° above normal.

Many fields had surface runoff. Flooding some river bottomlands. Weather hindered harvest of remaining celery, carrot, potato, sweet and silage corn. Farmers doing routine chores and attending meetings. Cattle continued on winter rations. East: Precipitation 0.20 in. below normal. Readings 2 to 9° above normal.

Fruit trees turning yellow and orange, indicating hardiness. Spraying for mice and orchard cleanup. Harvesting: Grain corn, potatoes, carrots, sugarbeets, dry beans. Spraying active on greenbugs in small grain areas. Stands of winter wheat very good and moisture excellent. Cattle being weaned, culled and moved to market. Some producers trying to hold cattle on ranges in hopes of shortening the feeding season.

**WEST VIRGINIA:** Temperatures 12 to 15° above normal. Precipitation less than 0.25 in. over most of State.

Soil moisture 29% short, 71% adequate. Fieldwork: 5.2 days suitable. Due to excellent weather pasture growth remains adequate. Livestock in good condition.

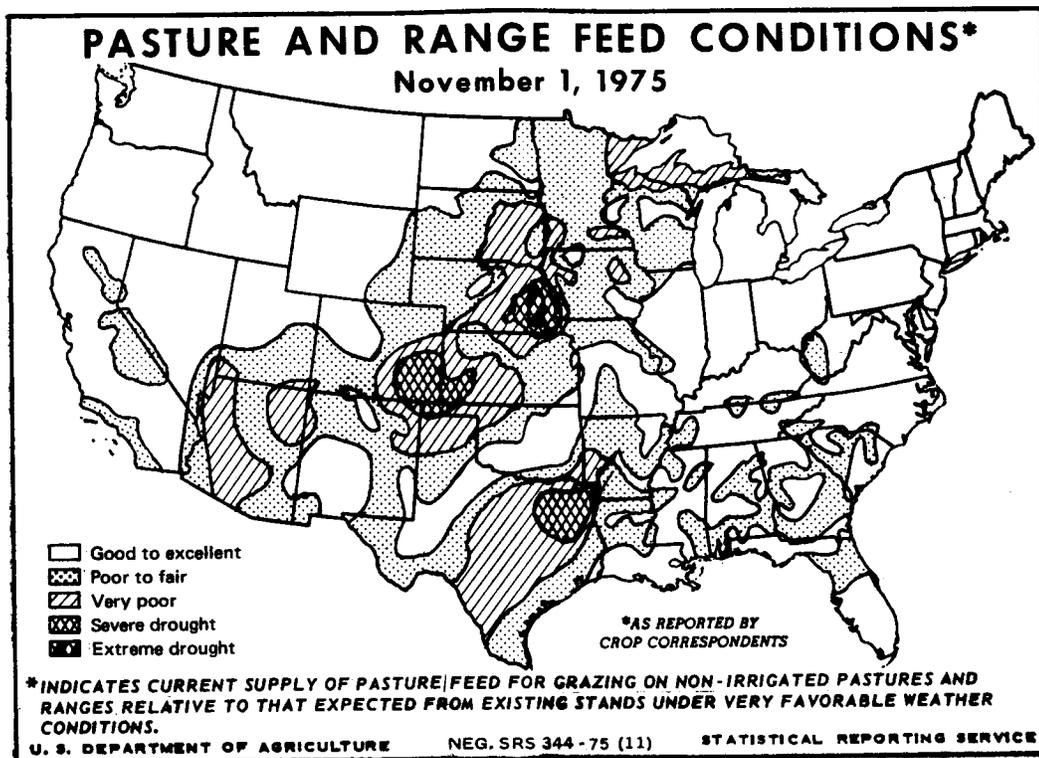
**WISCONSIN:** Temperatures 13° above normal. Mild

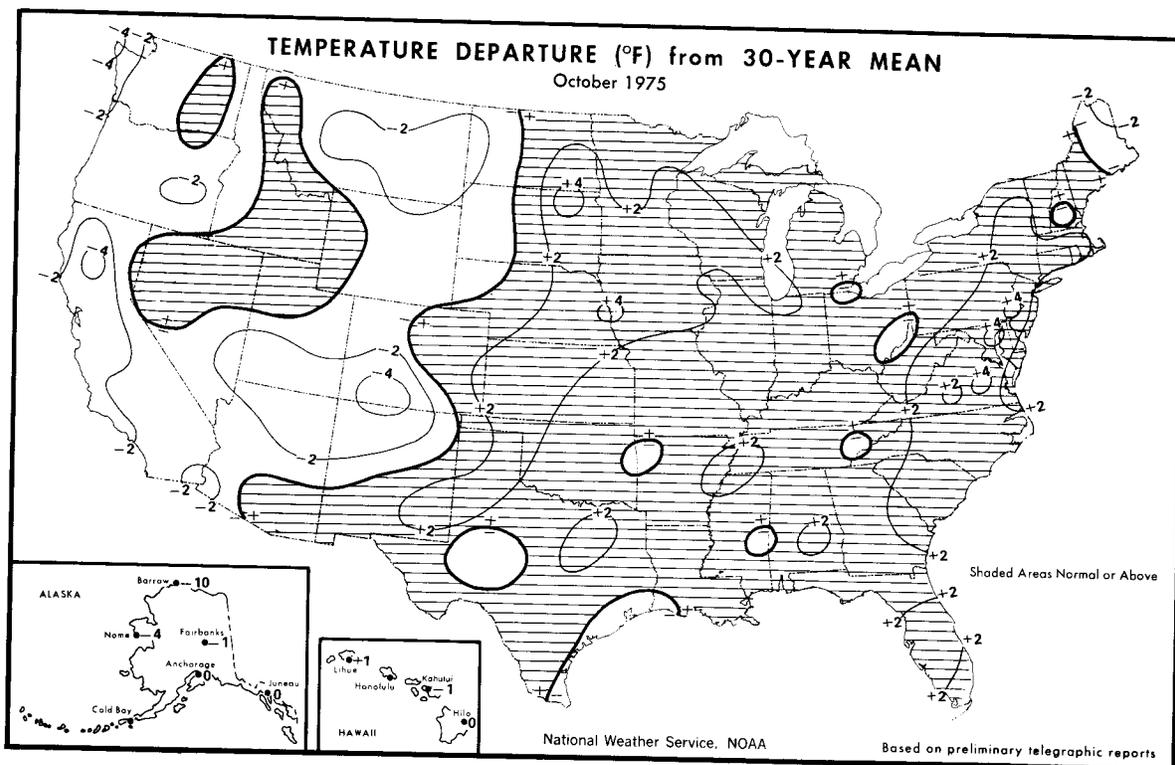
until 9th when cold front brought precipitation and colder temperatures. Light rain south 3d and over State 7th. Major storm system 9th brought up to 2.00 in. rain north and 0.50 to 1.00 in. south. Snow 2 to 4 in. north central and northwest evening 9th, locally 12 in. near Lake Superior.

Corn for grain 90% harvested, 1974 55%, average 60%. Elevators storing corn on ground where storage space filled. Corn stalks being chopped and baled for feed and bedding. Fall plowing 55% done, 1974 55%, normal 60%. Soybeans 99% harvested, 1974 90%, normal 70%. Soil moisture 80% short, 20% adequate. Weekend rain will improve fall plowing, winter wheat, new seedings and soil moisture reserves. Feed supplies for winter should be adequate except where dry weather reduced crops substantially.

**WYOMING:** Unseasonably warm weather with little precipitation. Temperatures averaged 5 to 7° above normal west, 10 to 12° above normal east. Maximum temperatures mid-70's east and southeast. Minimums upper teens southwest.

Harvest 1975 crops near completion. Sugarbeets 96% dug, corn for grain 63% harvested. Soil moisture short to adequate, additional moisture needed most areas. Winter wheat continued fair to good condition. Ranges, livestock generally good condition. Stock water supplies adequate. Fall marketing calves and lambs continued.





## October Weather Summary

**HIGHLIGHTS:** October precipitation was generally extreme--either unusually dry or unusually wet. Rainfall was less than 50 percent of normal from the Great Lakes southwestward across the western Corn Belt, the central and southern Great Plains, and the desert Southwest.

Unusually wet conditions were experienced in the Northwest, from the Ohio Valley to the Gulf Coast, and over much of New England. Over 12.00 in. of rain fell along the Washington Coast while parts of the southern Great Plains received less than 0.10 in. Rainfall in the Atlantic Coast States and western Gulf Coast area was generally near normal.

Temperatures averaged near normal during October over most of the country. Areas with average temperatures 2 degrees or more above normal were limited to the Great Plains States and the Atlantic Coastal States, including central Florida. Colder than normal pockets of air were limited to the Mountain States.

October began with cold air and clear skies west of the Mississippi and general rains in the East. By the 3d skies had cleared to the Atlantic Coast; for the next 4 days the only significant precipitation in the Nation was confined to parts of Alabama, Georgia, and Florida. However, the cool dry air, combined with clear skies, produced record low temperatures across a broad area. On October 3 Little Rock, Ark. sank to a record 41° and Pittsburgh, Pa. to a new low of 31°. For the third day in a row San Antonio, Tex. reported 44° on the 5th. Freezing temperatures, however, had little impact on northern grain areas, where most crops already were mature.

The rainfall activity in the Southeast began to spread northward on the 7th, covering most areas east of the Mississippi by the 9th. Also,

the first major winter storm of the season swept into the intermountain region on the 7th.

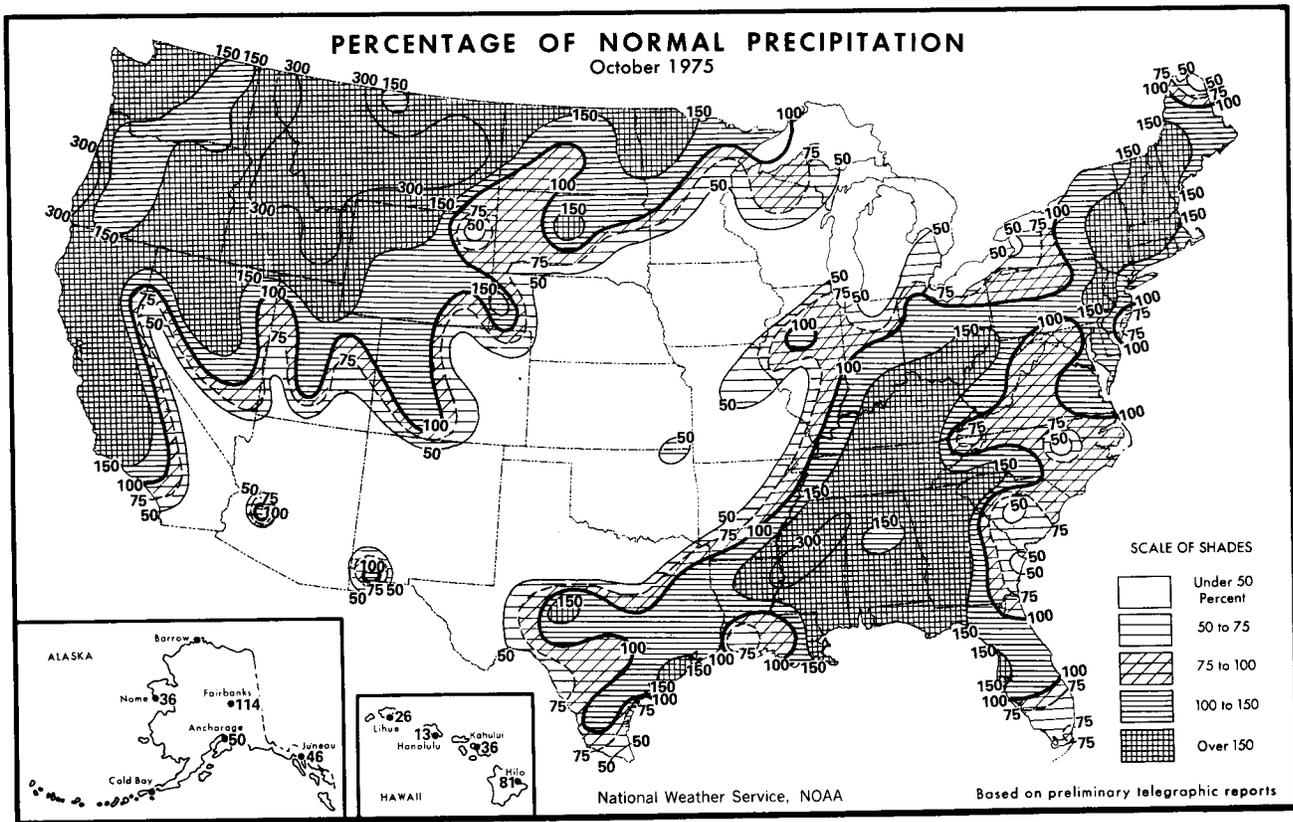
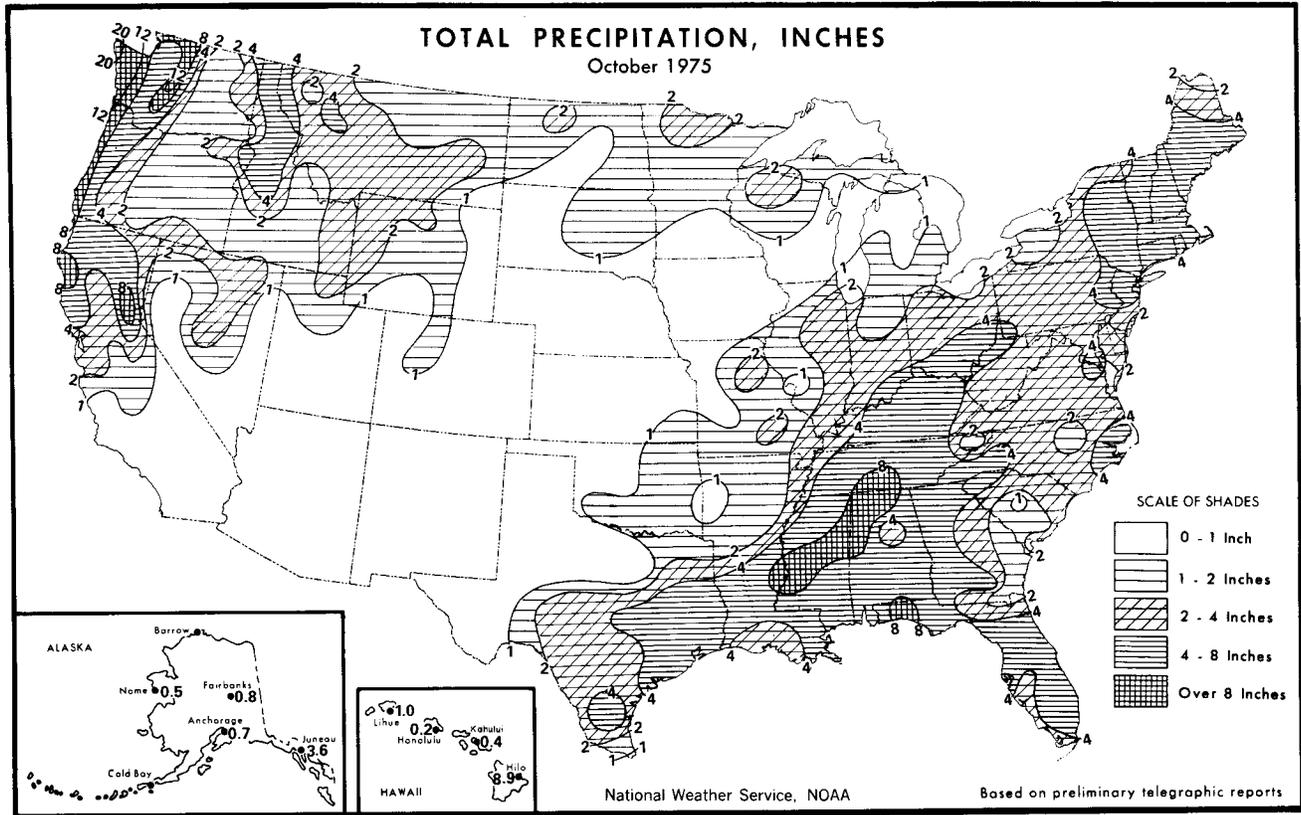
Winds gusted to 65 mph in parts of California, Arizona, and Utah. By the 9th snow had moved into North Dakota, where Minot measured 2 in. of predawn snow.

Warm air and sunshine began pushing the thermometer skyward in the Nation's midsection from the 10-12th. Temperatures reached into the 90's as far north as Kansas, Nebraska, and Iowa into the 80's in Tennessee. Sioux City, Iowa reached 92° on the 12th--breaking the record set in 1899.

A cold front out of the Rockies and a tropical depression for the Gulf controlled the weather picture from the 14th to 19th. Drifting eastward the front dropped temperatures into the freezing range across the northern and central Plains and middle Mississippi Valley. Ahead of the front, though, record breaking highs ranged from the Gulf Coast to the Great Lakes and middle Atlantic States. Responsible for much of the rain in the eastern third of the Nation, the slow moving Gulf depression spread heaviest amounts from the lower Mississippi Valley along the Appalachians into the New England States over a 4 to 5 day period.

Heavy rains in the Northeast caused landslides, and washouts that closed roads in New Hampshire and Vermont before the storm moved offshore on the 21st.

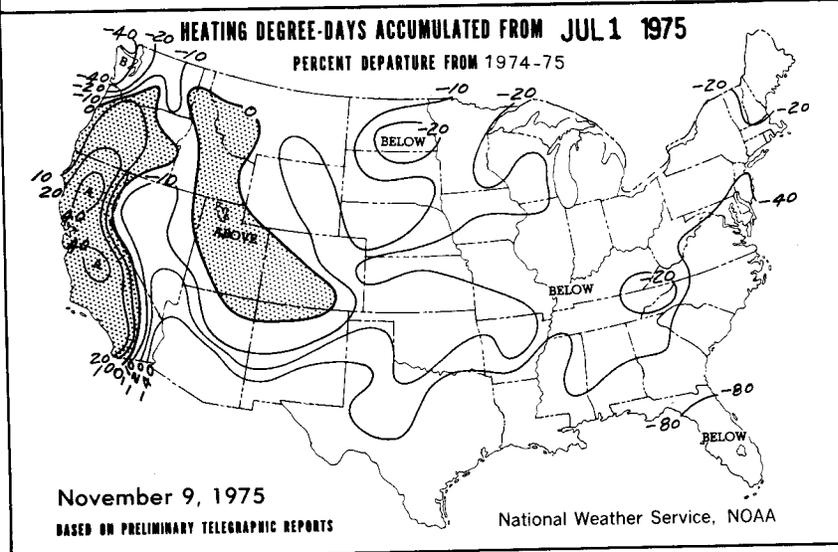
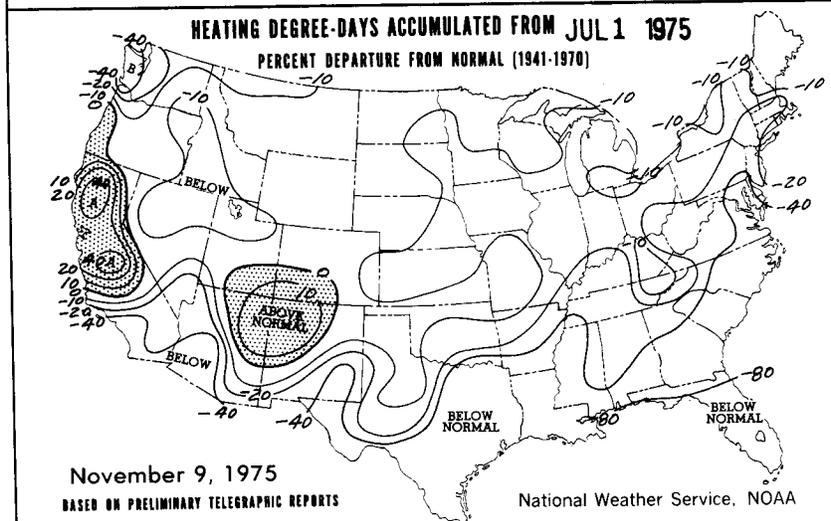
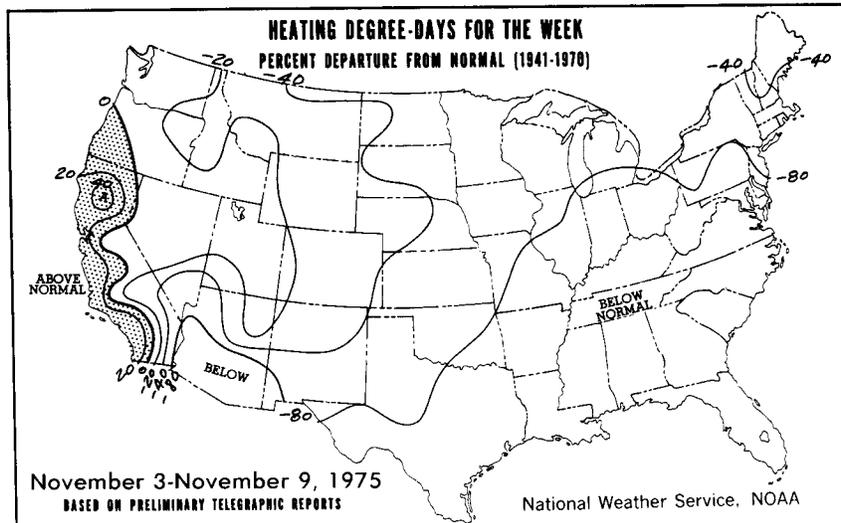
A major winter storm blanketed the northern Rockies with snow on the 22d-24th. Lander, Wyo. reported 9 in. and higher elevations measured even greater depths. In contrasts the eastern third of the Nation basked under summer-like temperatures that soared to record levels at many locations. The final 5 days of October were generally warm and dry, especially in the Plains region.



Temperature and Precipitation Data for October 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 . . .	64	+ 1	3.7	+1.1	La. Baton Rouge . . .	69	0	2.6	- .1	Youngstown . . .	53	0	2.6	- .3
Mobile . . .	70	+ 1	6.7	+4.1	Lake Charles . . .	69	- 1	2.5	-1.0	OKLA. Okla. City . . .	63	+ 1	.8	- 1.8
Montgomery . . .	69	+ 3	6.4	+4.2	New Orleans . . .	70	0	4.0	+1.7	Tulsa . . .	63	0	1.5	- 1.7
ALASKA. Anchorage . .	35	0	.7	- .7	Shreveport . . .	68	0	3.9	+1.0	OREG. Astoria . . .	51	- 2	12.6	+ 5.8
Barrow . . .	5	-10	---	---	MAINE. Caribou . . .	42	- 2	1.5	-1.8	Burns . . .	45	- 2	1.4	+ .5
Fairbanks . . .	24	- 1	.8	+ .1	Portland . . .	49	0	4.5	+1.2	Medford . . .	52	- 1	2.2	+ .1
Juneau . . .	42	0	3.6	-4.3	MD. Baltimore . . .	61	+ 4	2.9	+ .1	Pendleton . . .	54	+ 1	1.8	+ .7
Kodiak . . .	---	---	---	---	MASS. Boston . . .	57	+ 2	4.4	+1.4	Portland . . .	54	- 0	4.8	+ 1.2
Nome . . .	25	- 4	.5	- .9	Chatham . . .	56	---	5.0	---	Salem . . .	52	- 1	5.5	+ 1.5
ARIZ. Flagstaff . . .	46	- 1	.3	-1.1	MICH. Alpena . . .	49	+ 2	.9	-1.1	PA. Allentown . . .	57	+ 3	4.8	+ 2.1
Phoenix . . .	73	+ 1	.2	- .3	Detroit . . .	53	0	1.3	-1.2	Erie . . .	53	+ 1	2.4	- .8
Tucson . . .	70	0	T	- .7	Flint . . .	54	+ 3	1.4	- .8	Harrisburg . . .	58	+ 2	2.6	0
Winslow . . .	55	- 2	T	- .7	Grand Rapids . . .	53	+ 1	1.0	-1.6	Philadelphia . . .	61	+ 4	3.2	+ .7
Yuma . . .	73	- 3	0	- .3	Houghton Lake . . .	50	+ 2	.9	-1.7	Pittsburgh . . .	53	0	3.5	+ 1.0
ARK. Fort Smith . . .	62	- 1	.3	-3.2	Lansing . . .	52	0	1.0	-1.3	Scranton . . .	56	+ 3	3.3	+ .5
Little Rock . . .	63	+ 1	1.6	-1.4	Marquette . . .	50	+ 1	1.3	-1.1	R.I. Providence . . .	55	+ 1	4.7	+ 1.4
CALIF. Bakersfield . .	67	0	.5	+ .2	Muskegon . . .	53	+ 1	1.2	-1.5	S.C. Charleston . . .	69	+ 3	2.0	- 1.1
Eureka . . .	54	0	6.8	+3.6	S. Ste. Marie . . .	47	+ 1	1.2	-1.7	Columbia . . .	67	+ 3	.9	- 1.7
Fresno . . .	61	- 3	1.1	+ .7	MINN. Duluth . . .	47	+ 2	1.2	-1.1	Greenville . . .	63	+ 1	7.4	+ 4.2
Los Angeles . . .	66	- 2	.3	0	Internatl Falls . .	45	+ 1	2.5	+ .8	S.D. Aberdeen . . .	52	+ 4	1.2	0
Red Bluff . . .	61	- 4	3.4	+1.2	Minneapolis . . .	53	+ 3	.3	-1.5	Huron . . .	53	+ 3	1.0	- .5
San Diego . . .	66	0	.1	- .2	Rochester . . .	53	+ 3	.7	-1.1	Rapid City . . .	49	- 1	.7	- .2
San Francisco . . .	59	- 2	2.3	+1.3	St. Cloud . . .	48	0	1.1	- .6	Sioux Falls . . .	52	+ 2	.5	- 1.0
Stockton . . .	62	- 2	1.4	+ .7	MISS. Jackson . . .	66	0	8.2	+6.0	TENN. Chattanooga . .	61	0	6.3	+ 3.3
COLO. Denver . . .	53	+ 1	.3	- .8	Meridian . . .	63	- 2	4.3	+2.1	Knoxville . . .	60	- 1	4.0	+ 1.3
Grand Junction . . .	54	- 1	.9	0	MO. Columbia . . .	58	0	2.1	-1.3	Memphis . . .	66	+ 3	2.7	+ .1
Pueblo . . .	55	0	.6	- .4	Kansas City . . .	59	0	.4	-2.8	Nashville . . .	62	+ 1	5.9	+ 3.7
CONN. Bridgeport . . .	59	+ 2	4.0	+1.2	St. Louis . . .	59	0	2	-2.6	TEX. Abilene . . .	66	0	.8	- 1.8
Hartford . . .	56	+ 3	5.3	+2.3	Springfield . . .	59	0	1.1	-2.3	Amarillo . . .	61	+ 1	.3	- 1.5
D.C. Washington . . .	63	+ 3	2.4	- .3	MONT. Billings . . .	48	- 1	2.7	+1.8	Austin . . .	70	0	2.5	- .5
FLA. Apalachicola . .	72	+ 1	6.1	+3.2	Glasgow . . .	45	- 1	1.8	+1.2	Beaumont . . .	70	0	4.7	+ 1.0
Daytona Beach . . .	75	+ 2	5.8	+ .3	Great Falls . . .	46	- 2	3.4	+2.7	Brownsville . . .	75	- 1	.5	- 2.8
Ft. Myers . . .	79	+ 3	3.1	-1.3	Havre . . .	46	- 1	1.0	+ .3	Corpus Christi . . .	74	0	2.0	- .8
Jacksonville . . .	72	+ 1	3.6	- .9	Helena . . .	43	- 2	2.7	+2.1	Del Rio . . .	71	0	1.4	- .7
Key West . . .	81	+ 1	3.7	-1.9	Kalispell . . .	44	+ 1	1.7	+ .5	El Paso . . .	64	0	.2	- .6
Lakeland . . .	76	+ 2	3.5	+ .7	Miles City . . .	47	- 2	2.4	+1.7	Fort Worth . . .	70	+ 2	T	- 2.7
Miami . . .	79	+ 1	6.2	-2.0	Missoula . . .	44	0	3.5	+2.6	Galveston . . .	73	0	4.8	+ 2.0
Orlando . . .	76	+ 3	4.7	+ .6	NEBR. Grand Island .	56	+ 2	.1	-1.0	Houston . . .	70	- 1	5.6	+ 1.5
Tallahassee . . .	70	+ 1	4.4	+1.5	Lincoln . . .	57	+ 2	T	-1.5	Lubbock . . .	63	+ 2	.1	- 2.0
Tampa . . .	78	+ 3	4.9	+2.4	Norfolk . . .	55	+ 2	.2	-1.1	Midland . . .	65	- 1	.7	- .7
W. Palm Beach . . .	78	+ 1	5.6	-3.2	N. Platte . . .	51	0	1.1	- .9	San Angelo . . .	65	- 2	3.4	+ 1.5
GA. Atlanta . . .	63	+ 1	5.3	+2.8	Omaha . . .	58	+ 4	T	-1.8	San Antonio . . .	71	0	2.2	- .6
Augusta . . .	67	+ 3	1.3	- .9	Valentine . . .	50	0	.3	- .6	Victoria . . .	72	0	3.9	+ .3
Macon . . .	67	+ 1	3.5	+1.2	NEV. Ely . . .	45	- 1	.9	+ .3	Waco . . .	71	+ 2	2.4	- .2
Savannah . . .	70	+ 3	1.3	-1.5	Las Vegas . . .	66	- 1	T	- .2	Wichita Falls . . .	66	0	.8	- 1.9
HAWAII. Hilo . . .	75	0	8.9	-2.1	Reno . . .	50	0	.2	- .2	UTAH. Blanding . . .	50	- 2	.2	- 1.2
Honolulu . . .	79	0	.2	-1.3	Winnemucca . . .	50	+ 2	1.7	+1.0	Salt Lake City . . .	53	+ 1	1.9	+ .7
Kahului . . .	78	- 1	.4	- .7	N.H. Concord . . .	48	- 1	4.3	+1.6	N.J. Atlantic City . .	57	0	1.8	-1.7
Lihue . . .	78	+ 1	1.0	-2.8	Trenton . . .	59	+ 2	4.0	+1.5	Trenton . . .	59	+ 2	4.0	+1.5
IDAHO. Boise . . .	51	- 1	2.0	+1.2	N.MEX. Albuquerque .	57	- 1	T	- .8	Norfolk . . .	63	+ 1	3.2	+ .1
Lewiston . . .	51	- 1	1.9	+ .8	Roswell . . .	63	+ 3	.2	-1.0	Richmond . . .	63	+ 4	3.1	+ .2
Pocatello . . .	48	0	2.5	+1.7	N.Y. Albany . . .	53	+ 2	5.9	+3.3	Roanoke . . .	60	+ 2	3.0	- .2
ILL. Cairo . . .	63	+ 1	2.4	- .3	Binghamton . . .	51	+ 1	3.5	+ .5	WASH. Colville . . .	46	0	1.5	+ .1
Chicago . . .	57	+ 2	2.3	- .3	Buffalo . . .	53	+ 1	1.1	-1.9	Omak . . .	47	0	1.8	+ .9
Moline . . .	56	+ 2	.9	-1.8	New York . . .	59	+ 1	3.4	+ .4	Quillayute . . .	47	- 4	27.2	+15.6
Peoria . . .	55	0	3.6	+1.1	Rochester . . .	53	+ 1	1.8	- .8	Seattle-Tacoma . . .	51	- 1	7.8	+ 3.9
Rockford . . .	53	0	1.0	-1.9	Syracuse . . .	53	0	3.7	+ .6	Spokane . . .	47	- 1	2.2	+ .8
Springfield . . .	58	+ 1	1.4	-1.7	N.C. Asheville . . .	57	0	3.9	+ .6	Walla Walla . . .	55	+ 1	1.7	+ .2
IND. Evansville . . .	58	0	2.7	+ .2	Charlotte . . .	64	+ 2	3.6	+ .9	Yakima . . .	49	- 1	.8	+ .2
Ft. Wayne . . .	54	0	1.7	-1.1	Greensboro . . .	62	+ 3	2.6	- .3	W.Va. Beckley . . .	56	+ 3	2.8	+ .3
Indianapolis . . .	56	0	2.8	+ .3	Hatteras . . .	68	+ 3	4.0	- .8	Charleston . . .	58	+ 1	3.1	+ .6
South Bend . . .	56	+ 3	1.3	-1.8	Raleigh . . .	62	+ 2	1.2	-1.6	Huntington . . .	58	+ 1	3.5	+ 1.4
IOWA. Burlington . . .	56	+ 1	1.3	-1.7	Wilmington . . .	68	+ 3	3.1	- .2	Parkersburg . . .	56	- 1	4.1	+ 2.0
Des Moines . . .	57	+ 3	.6	-1.5	N.DAK. Bismarck . . .	47	0	.7	- 1	WIS. Green Bay . . .	50	+ 1	.4	- 1.5
Dubuque . . .	53	+ 1	.4	-2.4	Fargo . . .	49	+ 2	1.8	+ .7	La Crosse . . .	55	+ 3	.4	- 1.7
Sioux City . . .	55	+ 2	.1	-1.5	Williston . . .	44	- 2	1.3	+ .7	Madison . . .	52	+ 2	.6	- 1.6
KANS. Concordia . . .	60	+ 3	.5	-1.3	OHIO. Akron-Canton .	54	+ 1	2.6	+ .2	Milwaukee . . .	54	+ 3	.7	+ 1.3
Dodge City . . .	61	+ 3	T	-1.7	Cincinnati . . .	58	+ 1	4.6	+2.4	WYO. Casper . . .	48	0	1.0	+ .1
Goodland . . .	56	+ 3	T	-1.0	Cleveland . . .	54	0	1.7	- .9	Cheyenne . . .	48	0	.5	- .5
Topeka . . .	59	+ 1	.1	-2.6	Columbus . . .	55	+ 1	2.3	+ .4	Lander . . .	47	0	1.4	+ .2
Wichita . . .	60	0	.1	-2.4	Dayton . . .	56	0	2.4	+ .5	Sheridan . . .	46	- 2	1.5	+ .5
KY. Lexington . . .	58	0	5.1	+3.0	Toledo . . .	52	- 1	2.4	+ .2	P.R. San Juan . . .	81	+ 1	6.6	+ 1.0
Louisville . . .	59	+ 1	6.1	+3.7										

Based on 1941-70 Normals



Heating Degree Days (Base 65°) For Week Ending Nov. 9, 1975

States and Stations	Weekly		Seasonal + Accumulation			States and Stations	Weekly		Seasonal + Accumulation			States and Stations	Weekly		Seasonal + Accumulation		
	TOTAL	Departure*	TOTAL	Departure*	Departure from 1974-75		TOTAL	Departure*	TOTAL	Departure*	Departure from 1974-75		TOTAL	Departure*	TOTAL	Departure*	Departure from 1974-75
ALA. Birmingham	0	-72	163	-70	-74	Portland	96	-72	906	-69	-118	Tulsa	25	57	231	-24	-53
Mobile	0	-35	20	-62	-67	MD. Baltimore	13	-92	244	-165	-158	OREG. Astoria	114	4	566	-477	-384
Montgomery	0	-52	52	-106	-111	MASS. Boston	20	92	357	-169	-310	Burns	171	11	1077	-26	81
ARIZ. Flagstaff	122	-58	1033	-129	-28	MICH. Alpena	99	-83	1075	-154	-213	Medford	138	6	639	-9	105
Phoenix	0	-26	16	-33	-37	Detroit	31	-114	603	-80	-224	Pendleton	103	43	513	-171	-19
Tucson	2	-31	54	-45	-27	Flint	25	-133	632	-197	-274	Portland	103	20	594	-131	-77
Winslow	100	-24	471	-7	-9	Grand Rapids	32	-123	696	-57	-342	PA. Allentown	27	-103	445	-154	-233
Yuma	0	-14	7	-8	-13	Houghton Lake	79	-105	1024	-148	-222	Erie	45	-102	655	-144	-232
ARK. Fort Smith	1	-77	204	-28	-58	Lansing	33	-123	745	-45	-255	Harrisburg	19	-101	361	-134	-213
Little Rock	4	-75	184	-62	-27	Marquette	46	-112	984	-147	-230	Philadelphia	10	95	227	-192	-183
CALIF. Bakersfield	36	-8	118	9	27	Muskegon	72	-108	699	-131	-303	Pittsburgh	31	-108	607	-68	5
Eureka	103	17	1275	66	77	S. Ste. Marie	121	-73	1209	-105	-230	R.I. Providence	27	-114	509	-207	-250
Fresno	69	10	240	-77	81	MINN. Duluth	112	-106	1308	-67	-344	S.C. Charleston	48	-81	542	-70	-192
Los Angeles	38	10	79	-89	19	Internat'l Falls	135	-103	1388	-120	-171	Columbia	3	-43	53	-78	-138
Red Bluff	81	24	269	-115	91	Minneapolis	88	-106	756	-219	-266	Greenville	12	63	180	-67	-124
San Diego	31	7	56	-39	12	Rochester	91	-98	798	-166	-261	S.DAK. Aberdeen	100	-104	758	-264	-227
San Francisco	67	13	577	129	127	St. Cloud	116	-91	1032	-50	-233	Huron	110	81	832	-81	-64
Stockton	61	-2	221	55	49	MISS. Jackson	0	-53	85	72	-56	Rapid City	104	76	851	-70	-53
COLO. Denver	109	-47	706	-19	-113	Meridian	19	-98	135	-6	-165	TENN. Chattanooga	111	-76	802	-90	-124
Grand Junction	119	-26	544	-22	18	MO. Columbia	36	-82	406	18	-143	Knoxville	24	-67	230	-74	-129
Pueblo	94	-51	568	-4	24	Kansas City	10	-100	354	42	-88	Memphis	35	53	273	-22	-29
CONN. Bridgeport	122	-17	393	-42	-124	St. Louis	118	-60	901	-56	-124	Nashville	0	75	130	-113	-91
Hartford	25	-112	475	-200	-311	Springfield	13	-96	411	4	-88	TEX. Abilene	13	-45	157	-4	-60
DEL. Wilmington	16	-92	274	-148	-210	MONT. Billings	141	-76	1118	40	23	Amarillo	51	55	339	-19	-120
D.C. Washington	3	-89	147	-172	-172	Glasgow	118	-69	1042	38	-15	Austin	0	33	31	-49	-49
FLA. Apalachicola	0	-24	7	-45	-13	Great Falls	128	-90	1069	-174	-78	Brownsville	0	7	5	-5	-12
Daytona Beach	0	-14	0	-16	-3	Helena	157	-37	1362	94	35	Corpus Christi	0	11	15	-5	-20
Ft. Myers	0	-7	0	-8	0	Kalispell	17	-67	1296	-234	-124	Del Rio	0	27	17	-50	-53
Jacksonville	0	-25	13	-37	-44	Miles City	131	-65	926	-71	-49	El Paso	29	-42	124	-55	-139
Key West	0	-10	0	-12	-3	Missoula	168	-39	1252	70	102	Fort Worth	1	-47	36	-83	-60
Lakeland	0	-10	0	-10	-2	NEBR. Grand Island	83	-73	582	-83	-133	Galveston	3	-11	6	-24	-27
Miami	0	-8	0	-10	-2	Lincoln	72	-77	530	-68	-109	Houston	0	-24	35	-19	-19
Orlando	0	-8	0	-10	-2	Norfolk	88	-79	648	-92	-106	Lubbock	25	-65	229	-53	-175
Tallahassee	0	-32	27	-44	-63	North Platte	122	-51	833	21	-67	Midland	11	-50	140	-16	-51
Tampa	0	-9	0	-11	0	Omaha	75	-66	488	66	-196	Beaumont	0	31	17	-56	-53
W. Palm Beach	0	-9	0	-11	0	Valentine	113	-68	820	50	-82	San Antonio	13	-38	119	-17	-23
GA. Atlanta	1	-71	159	-76	-61	NEV. Ely	159	-34	1142	-42	-43	San Angelo	0	-28	22	-44	-62
Augusta	2	-59	83	-96	-131	Las Vegas	23	-36	101	46	-46	Victoria	0	18	12	-25	-29
Macon	0	-53	80	-67	-68	Reno	156	-2	818	68	98	Waco	0	-39	33	-66	-49
Savannah	0	-42	29	-83	-88	Winnemucca	154	-19	778	-206	-198	Wichita Falls	13	-50	142	-28	-25
IDAHO. Boise	116	-37	647	-91	-7	N.H. Concord	98	-63	1021	88	-128	UTAH. Salt Lake C.	137	-19	596	-112	46
Lewiston	109	-44	621	-122	-2	N.J. Atlantic City	36	-71	427	-5	-95	VT. Burlington	73	93	802	-170	-304
Pocatello	154	-26	947	-8	-4	NEV. Ely	77	-28	367	-55	-101	VA. Lynchburg	15	-87	289	-106	-156
ILL. Cairo	3	-86	217	-62	-108	N.MEX. Albuquerque	87	-30	424	53	-30	Richmond	5	-66	131	-108	-128
Springfield	6	-133	454	-101	-204	Roswell	33	-69	195	-144	-246	Roanoke	6	-83	180	-155	-240
Peoria	39	-109	516	-103	-183	N.Y. Albany	46	-102	625	-156	-431	WASH. Quillayute	14	-89	269	-127	-185
Rockford	47	-112	682	-36	-75	Binghamton	52	-105	790	-98	-254	Seattle-Tacoma	125	-11	653	-597	-503
Springfield	13	-138	407	-95	-166	Buffalo	44	-104	649	-137	-178	Spokane	114	-16	561	-332	-190
IND. Evansville	5	-109	312	-100	-194	New York	12	-96	281	-96	-269	Walla Walla	154	-32	986	-46	23
Fort Wayne	11	-133	555	-91	-179	Rochester	47	-96	646	94	-269	Yakima	83	-54	490	-101	-55
Indianapolis	11	-121	457	-79	-214	Syracuse	43	-97	691	-22	-254	W. VA. Beckley	153	-10	803	-72	-27
South Bend	13	-135	512	-172	-147	N.C. Asheville	45	-65	394	-63	-58	Charleston	25	-109	498	-212	-278
IOWA. Burlington	35	-107	489	-86	-195	Hatteras	6	-40	49	-84	-121	Huntington	6	-106	354	-100	-240
Des Moines	54	-100	483	-167	-184	Charlotte	8	-67	150	-106	-170	Parkersburg	5	-107	338	-113	-210
Dubuque	70	-99	752	-54	-150	Raleigh	13	-80	195	-155	-153	WIS. Green Bay	13	-100	434	-22	-126
Sioux City	95	-70	650	-57	-56	Wilmington	8	-75	170	-132	-200	LaCrosse	80	-102	943	-43	-241
KANS. Concordia	60	-72	417	-96	-109	N.Dak. Bismarck	125	-90	1053	86	-277	Madison	78	-92	759	-27	-160
Dodge City	70	-55	386	-58	-75	Fargo	115	-98	967	-139	-271	Milwaukee	55	-123	754	-170	-169
Goodland	90	-69	545	-149	-236	Williston	142	-80	1170	-38	-91	WYO. Casper	48	-119	648	-193	-241
Topeka	39	-85	409	-59	-113	OHIO. Akron-Canton	16	-125	567	-102	-146	Cheneyne	128	-63	960	-76	-168
Wichita	44	-67	347	-34	-48	Cleveland	19	-117	579	-73	-150	Lander	125	-59	977	-63	-148
KY. Lexington	5	-112	405	-27	-162	Cincinnati	11	-124	454	-142	-154	Sheridan	158	-48	1017	-55	-96
Louisville	0	-113	284	-133	-251	Dayton	4	-117	405	-61	-228		134	-60	1002	-80	-165
LA. Baton Rouge	0	-36	24	-74	-38	Toledo	6	-126	439	-104	-220						
Lake Charles	0	-30	19	-53	-38	Youngstown	23	-121	640	-78	-197						
New Orleans	0	-31	22	-56	-21	OKLA. Okla. City	31	-54	224	41	-21						
Shreveport	0	-48	44	-86	-62												
MAINE. Caribou	145	-57	1326	-120	-185												

\* Based on 1941-70 Normals.

+ Accumulation July 1, 1975

World Weather and Crop Update

Rains benefited major agricultural areas of Brazil in early November. Moisture was needed for spring planting and to relieve stressed citrus. Good rains also fell in much of Argentina's corn belt but they were more erratic in the winter wheat region where some dry spots persist. After an unusually wet October, drier November weather favored sugarcane harvest in key districts of Australia, where reports of record October rainfall came from 11 of 44 stations. Precipitation at Townsville, in Australia's sugarcane area, exceeded 10 inches...about 10 times its normal October rainfall. Generally excellent weather in India got fall-seeded crops off to a good start. In much of the

USSR near record cold and widespread snow caused soil freeze-up and early dormancy in fall-seeded grains. Elsewhere in Europe weather has been more suitable for crops and farm activities and important rains came to the Mediterranean region, including North Africa. Soil moisture has improved greatly in East Europe, especially in Albania, Bulgaria, and to a lesser degree, Poland. Moisture supplies also improved in the important spring wheat Republic of Kazakhstan in the USSR. October typhoons Elsie and Flossie damaged crops in southeast coastal regions of the People's Republic of China.

### Crop Prospects Steady

In the main, crop production prospects held relatively stable during the past month with only minor fluctuations in the major commodities.

The Crop Reporting Board of the U. S. Department of Agriculture stated in its November summary that the 1975 outlook for corn, soybeans, rice, potatoes, and tobacco improved slightly while sorghum grain, cotton, and peanuts declined a bit.

The current view for corn is for 5.8 billion bushels, a gain of 1 percent in the past month, meaning a harvest possibly 25 percent larger than last season. Yields are expected to average 87 bushels per acre against the 71 bushels of a year ago.

Total feed grain production--that counts corn, sorghum, oats, and barley--is aiming toward 204 million short tons, up 24 percent from last season. The sorghum crop is likely to end the year 23 percent better than in 1974, and the oat and barley crops are also larger.

The soybean crop showed a 3 percent increase in the past month which led the Crop Reporting Board to estimate output at over 1.5 billion

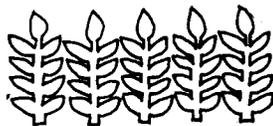
bushels, a 23 percent expansion from 1974. Yields are up about 5 bushels per acre to over 28 bushels.

The latest accounting of cotton prospects indicates a crop of 9 million bales. This estimate is down slightly from the October level and would mean a harvest 22 percent smaller than a year ago, and the lowest output since 1967.

Total oilseed production, including peanuts, cottonseed, flaxseed, and soybeans, is expected to amount to 52 million short tons for an 18 percent boost from the 1974 mark.

Briefly for other crops. Indications are for an orange crop 3 percent below last season's record at almost 230 million boxes; sugarbeet and sugarcane harvests are up substantially with production of each set at over 29 million short tons; peanut production is record large at nearly 4 billion pounds; and tobacco output is forecast a tenth larger at about 2.2 billion pounds.

The measure of the Nation's total 1975 crop production level in November finds a reading of 122, which is an improvement from October, also well above last year, and most significantly tops all other years for a new record.



1974 1975<sup>1/</sup>

#### CORN FOR GRAIN

	---1,000 bu.---		% increase from 1974
Ill.	830,830	1,235,400	49
Ind.	387,660	565,000	46
Iowa	948,000	1,104,000	16
Kans.	131,480	134,160	2
Mich.	110,410	147,420	34
Minn.	359,900	411,800	14
Mo.	149,050	172,800	16
Nebr.	380,800	508,950	34
Ohio	266,450	325,500	22
Wis.	154,360	202,100	31
U. S.	4,651,167	5,803,596	25

#### SOYBEANS FOR BEANS

	---1,000 bu.---		
Ark.	86,000	111,600	30
Ill.	207,515	294,840	42
Ind.	97,750	121,605	24
Iowa	199,080	236,300	19
Minn.	84,840	97,255	15
Miss.	46,713	67,760	45
Mo.	95,700	113,475	19
Ohio	79,750	102,375	28
U. S.	1,233,425	1,519,882	23

<sup>1/</sup>As of November 1



# FIRST CLASS MAIL

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## CROP PROGRESS

### SEEDING

Percent of Acreage Seeded  
 As of November 9

winter wheat			
	Average	1975	1976
Colo.	100	100	100
Idaho	100	100	100
Ill.	2/	2/	2/
Ind.	1/	1/	95
Kans.	100	100	95
Ky.	1/	1/	1/
Mich.	100	100	100
Mont.	100	100	100
Nebr.	100	100	100
Ohio	2/	100	2/
Okla.	98	98	88
S. Dak.	100	100	100
Tenn.	76	76	72
Texas	96	93	94
U. S.	92	92	89

### HARVESTING

Percent of Acreage Harvested  
 As of November 9

corn			soybeans				
	Average	1974	1975	Average	1974	1975	
Ga.	1/	81	78	Ala.	48	70	53
Ill.	61	61	92	Ark.	1/	35	60
Ind.	55	45	80	Ga.	1/	58	38
Iowa	62	65	96	Ill.	90	93	100
Kans.	70	80	95	Ind.	75	85	95
Ky.	76	78	78	Iowa	87	96	100
Mich.	54	48	80	Ky.	64	65	69
Minn.	80	95	99	La.	69	82	76
Mo.	64	67	92	Minn.	1/	100	100
Nebr.	65	85	95	Miss.	50	54	51
N. C.	70	88	89	Mo.	66	64	87
Ohio	70	65	75	Nebr.	90	95	100
S. Dak.	1/	1/	1/	N. C.	28	36	23
Wis.	60	55	90	Ohio	85	2/	2/
U. S.	67	71	90	S. C.	27	40	28
				Tenn.	46	45	49
				U. S.	70	75	80



### cotton

	Average	1974	1975
Ala.	67	69	34
Ark.	1/	45	66
Ga.	1/	73	45
La.	64	71	40
Miss.	70	63	35
Mo.	62	52	86
N. C.	50	58	54
Okla.	1/	1/	1/
S. C.	72	79	74
Tenn.	58	45	53
Texas	32	29	32
11-State	46	41	38

### sorghum

	Average	1974	1975
Colo.	52	41	88
Kans.	70	40	90
Mo.	67	58	92
Nebr.	80	90	100
Okla.	58	45	77
S. Dak.	1/	100	100
Texas	85	65	97
7-State	78	61	95

1/Data not available  
 2/Virtually complete