

Weekly Weather & Crop Bulletin

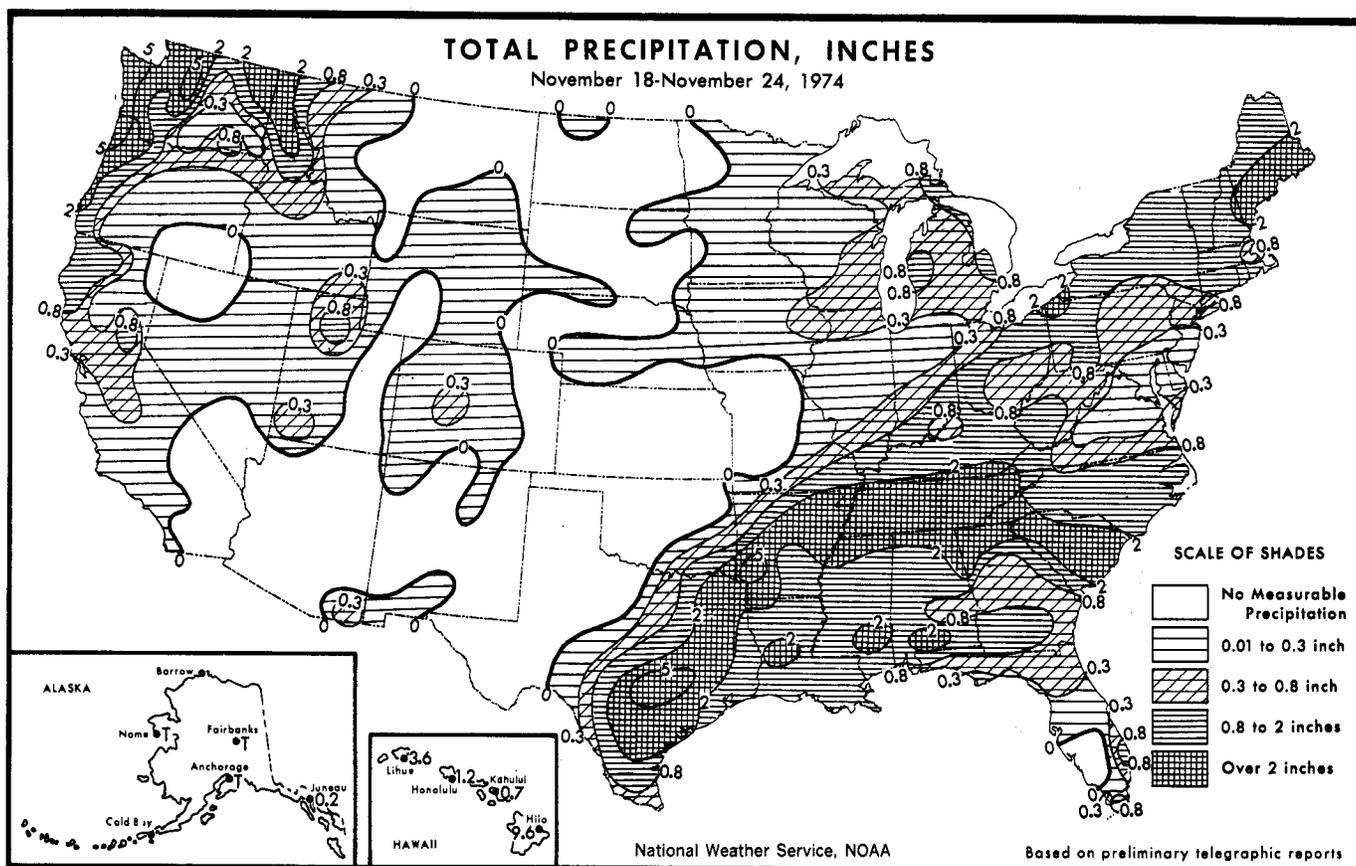
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NATIONAL WEATHER SUMMARY

For the Week of November 18-24

HIGHLIGHTS: Heavy rains soaked the Pacific Northwest, northern New England and the Deep South last week. During the weekend, flash floods from locally heavy rains took several lives in central Texas.

Elsewhere, the Great Plains and most western States received little or no precipitation.

Temperatures averaged well above normal except in the Middle Atlantic States and New England where temperatures were slightly less than normal. Most of the Nation's midsection averaged 6 to 9° above normal.

PRECIPITATION: Good rains averaging better than 2.00 in. drenched a wide band in the South from Texas curving up through Arkansas, across Tennessee and into South Carolina. Austin, Texas and Texarkana, Ark., both reported rains totaling 5.00 in.

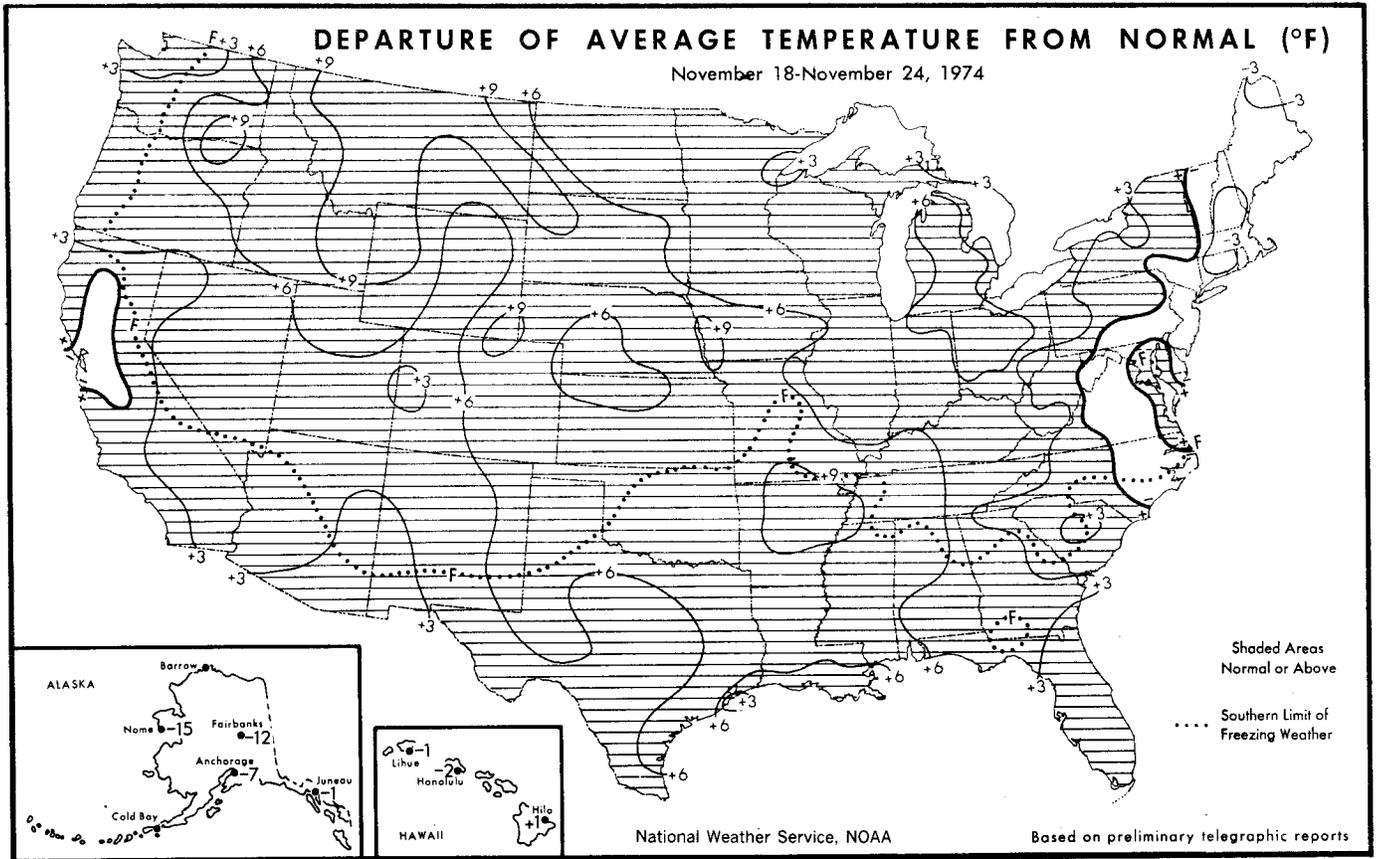
In the Pacific Northwest, daily rains totaled

more than 5.00 in. along the Washington-Oregon Coast with 2.00 in. amounts spilling over into Idaho and Montana. Elsewhere, Maine's coastal areas received more than 2.00 in.

Monday, a large low off the Canadian Coast spread heavy precipitation across Washington and Oregon and into Montana and Wyoming. Locally heavy snow fell in the mountains of northern Utah. Considerable shower activity also occurred in the Carolinas with light rain over most of the Southeast.

Thundershowers were active from southeast Texas into southern Alabama and Florida on Tuesday and light rain continued in most of the Eastern States. Heaviest amounts fell in Tennessee with 1.33 in. at both Chattanooga and Knoxville. Rains continued along the Washington Coast.

On Wednesday, moisture was confined to the Eastern Seaboard and the Great Lakes-New England area.



The large low located over Northern Ontario which was involved with most activity dropped heavy snow across the northern Great Lakes.

This storm continued to drop moisture on Thursday, bringing the first severe winter storm of the season to New England. A second storm system off the Washington Coast brought heavy rain to the extreme northern California Coast and the Washington-Oregon area. Newport, Ore. received more than 1.00 in.

New England's first severe storm gradually diminished on Friday, leaving over a foot of snow in the northern portions and 5 in. in southern areas.

A cold front stretching from the western Great Lakes into South Texas produced heavy rains in many areas on Saturday across the Nation's mid-section, while a large High over the eastern third of the Nation kept the southeast dry and warm. Activity picked up during the day in Texas and flash flooding resulted in several deaths.

Shower activity was confined to the Appalachians on Sunday along with the usual activity on the Washington Coast.

TEMPERATURE: Most of the Nation experienced unusually above normal temperatures last week as higher level air flow in the atmosphere prevented cold Canadian air from penetrating into the United States.

Monday, afternoon temperatures around the Nation ranged from the 40's and a few 30's in the North to the 70's and 80's in the extreme South. Orlando, Fla. tied the record high for the day by reaching 87°.

The only freezing temperatures Tuesday morning

were reported in the northern and central Rockies and in a few places in the intermountain regions and along the Canadian border. The coldest reading was 17° at Ely, Nevada while the highest minimum temperature was 74° at both Key West, Fla. and Brownsville, Texas.

Wednesday, clear skies sent temperatures plummeting below freezing as far south as Tucumcari, New Mex. The coldest reading was 2° below zero in Gunnison, Colo. over a 2 in. snow cover.

Thursday afternoon temperatures climbed into the 70's over parts of the Central Plains. New record highs were set at: Cheyenne, Wyo. 64°; Sheridan, Wyo. 66°; North Platte, Nebr. 71°; Denver, Colo. 73°; Rapid City, S.Dak. 74°; and Pueblo, Colo. 78°.

Again on Friday record highs were recorded in many midwestern cities including: Aberdeen, S.Dak. 62°; Sioux City, Iowa 67°; Grand Island, Nebr. 69° and Huron, S.Dak. 69°.

Saturday seasonably cool air replaced unseasonably warm air along a cold front from Lake Superior to southwestern Texas. Morning temperatures dropped into the teens in the extreme northern Plains, while both Corpus Christi and Brownsville in Texas reported the warmest minimum with 71°.

Temperatures ahead of the Midwestern cold front were rather mild on Sunday. As far north as Pennsylvania and New Jersey temperatures remained in the 60's while 70's were common in the south Atlantic and eastern Gulf States. Behind the front readings ranged from the 20's in the extreme northern Plains and Great Lakes to the 50's in southern Texas.

NATIONAL AGRICULTURAL SUMMARY

For the Week of November 18-24

HIGHLIGHTS: Rain interrupted cotton and soybean harvest progress in many Southern States, but overall, the row crop harvest made near average advancement. Nationwide, harvest of corn was 86% complete and soybeans was 88% complete by November 24th. Soybean combining continues near normal while the corn harvest was slightly ahead of normal progress.

SMALL GRAINS: Winter wheat seeding advanced to 97% in Texas, slightly behind normal. Most fields were making excellent growth and furnishing adequate grazing. Heavy rain late in the week again caused flooding in some east and central areas of Texas. Oklahoma farmers were busy seeding and reseeding in fields previously too wet. Sunshine also aided wheat growth. Winter wheat continued to improve making excellent growth in Kansas except in scattered western counties where moisture has been on the short side.

Dry conditions still exist in much of the Northern Plains. In Montana winter wheat was in fair to good condition but the dry soils were leaving some winter wheat vulnerable to wind and freeze damage. Wheat condition in Colorado was mostly good except the extreme northeast and southeast. In Washington, rain replenished soil moisture in many areas and winter wheat on recrop soils began sprouting.

CORN: Farmers made good progress harvesting corn despite the high moisture content which requires more drying. By November 24th, harvest of the Nation's corn crop was 86% complete, much behind last year's 94%, but ahead of the normal pace.

The Corn Belt harvest advanced 9 points to 86% complete on the 24th, ahead of the average of 84%, but continues well behind the 1973 level. Rain slowed harvest in the Eastern Corn Belt, but high moisture content was causing the need for more drying in most areas. Harvest in Iowa was 90% done versus the average 81%. In Illinois, harvest was 82% complete, 99% in 1973, 85% normally. Indiana farmers had 65% of the corn harvested, much behind 1973 and normal progress.

Corn harvesting was curtailed in many of the South Atlantic States with 93% complete while good progress was made in many of the South Central States and harvest was 91% done.

COTTON: Rain interrupted cotton harvest in many of the Delta and South Atlantic States, but farmers made good progress in many areas when fields dried. Fair weather allowed farmers to resume harvesting in Texas, but progress was only slow to moderate.

Cotton harvesting in the 11 Southern States advanced 5 points to 54% complete, behind both the 1973 and average level. Harvest made the best progress in Tennessee during the week and slowest in Oklahoma. In Texas 34% of the crop was harvested, behind both last year's 46% and the average 40%. Harvest was 74% complete in Mississippi, 80% in Louisiana, 83% in Alabama, and 87% in Georgia. The Arkansas cotton crop was two-thirds harvested, last year 85% had been harvested by now.

The cotton harvest was progressing well in California. In New Mexico dry weather permitted another good week of harvesting, 30% of their cotton has been picked. Cotton harvest was active in Arizona with some ginning delays.

SOYBEANS: Precipitation interfered with soybean harvesting in most South Central and South Atlantic

States and progress was at a near standstill in Indiana. By November 24th, 88% of the Nation's soybean crop was harvested, equaling normal progress, but continuing behind the 92% pace in 1973. Harvest was complete in several Corn Belt States, and over 95% of that area's beans have been harvested. Progress is now behind both last year and average.

Harvest advanced sharply in Missouri with 77% complete versus 92% in 1973 and the average 79%. Southern soybean harvesting was 74% done compared with 78% in 1973 and 72% normally. Harvest in North Carolina, South Carolina and Georgia have passed the three-quarter mark, ahead of normal progress. Harvest in the major producing South Central States ranged from 68% complete in Arkansas to 84% done in Alabama. Harvest has been slow in Oklahoma but was active in the eastern counties late in the week.

OTHER CROPS: Sorghum grain combining was nearing completion in Nebraska, and advancing sharply in Texas with 88% harvested but still behind last year's 97% and average 94%. Harvest also made excellent progress in Oklahoma with 60% combined and in Kansas where 65% of the crop has been harvested.

Tobacco stripping continues active in Kentucky, Ohio and Tennessee where auction sales will start this week. Stripping was 70% complete in Tennessee, one week behind average.

Sugarcane harvest was getting underway in Florida. In Louisiana harvest was fair to good with 55% cut, about normal.

Peanut harvest in Texas was 79% complete, much behind the 94% last year and normally harvested.

FRUITS AND NUTS: Citrus movement picked up rapidly in Texas with favorable weather. Fruit size was excellent and the crop was coloring well. Growers were beginning seasonal cultural practices in California, pruning nut and deciduous fruit orchards and applying dormant sprays and fertilizer in some areas. In Florida citrus tree condition remained generally good, rain which was received wasn't sufficient and irrigation was working all areas.

VEGETABLES: Cabbage harvest continues in the High Plains of Texas, carrots started in Pecos County and in the Coastal Bend area cucumber and squash harvest was in full swing. Planting continues in the Lower Rio Grande Valley. Irrigation was active in all areas of Florida to maintain adequate moisture. Moving in increased supplies were peppers, tomatoes, celery, lettuce, escarole and endive. In California artichoke, broccoli, cauliflower and carrots were in good supply.

PASTURES AND LIVESTOCK: Stockmen increased supplemental feeding in many areas as fall pastures and crop residues were becoming seasonally in short supply. Wheat pastures were improving in Texas, Oklahoma and Kansas so more livestock were being moved to them for grazing. Slower growth in Colorado has limited pasturing. Pasture conditions improved significantly in the South Atlantic States from recent rain. Ranchers continue to move haystacks to winter quarters.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Nov. 24, 1974

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 . . .	57	+ 7	1.3	+ .3	La. Baton Rouge . . .	63	+ 6	1.6	+ .6	Youngstown . . .	42	+ 4	1.1	+ .4
Mobile . . .	65	+ 8	.7	- .2	Lake Charles . . .	65	+ 6	1.2	+ .2	OKLA. Okla. City . . .	53	+ 6	0	- .3
Montgomery . . .	58	+ 3	.6	- .3	New Orleans . . .	63	+ 4	1.6	+ .6	Tulsa . . .	55	+ 8	0	- .4
ALASKA Anchorage . . .	12	- 7	T	- .2	Shreveport . . .	61	+ 7	1.3	+ .4	OREG. Astoria . . .	49	+ 4	6.1	+3.7
Barrow . . .	-	-	-	-	MAINE Caribou . . .	26	- 3	1.6	+ .8	Burns . . .	39	+ 5	T	- .4
Fairbanks . . .	-13	-12	T	- .1	Portland . . .	36	0	2.4	+1.2	Medford . . .	47	+ 5	.2	+ .6
Juneau . . .	30	- 1	.2	-1.0	MD. Baltimore . . .	45	+ 1	.2	- .6	Pendleton . . .	51	+11	.6	+ .2
Kodiak . . .	-	-	-	-	MASS Boston . . .	43	0	.7	- .4	Portland . . .	49	+ 5	3.5	+2.1
Nome . . .	-1	-16	T	- .2	Chatham . . .	44	-	1.1	-	Salem . . .	49	+ 5	3.8	+2.3
ARIZ. Flagstaff . . .	40	+ 5	T	- .3	MICH. Alpena . . .	36	+ 3	1.1	+ .5	PA. Allentown . . .	40	0	.4	- .5
Phoenix . . .	63	+ 5	0	- .1	Detroit . . .	43	+ 5	.3	- .2	Erie . . .	41	+ 3	2.3	+1.4
Tucson . . .	59	+ 2	0	- .1	Flint . . .	44	+ 8	.7	+ .2	Harrisburg . . .	41	- 1	.5	- .3
Winslow . . .	44	+ 3	T	- .1	Grand Rapids . . .	41	+ 5	.7	0	Philadelphia . . .	44	0	.2	- .6
Yuma . . .	65	+ 4	0	- .1	Houghton Lake . . .	39	+ 7	.6	0	Pittsburgh . . .	43	+ 4	.7	+ .1
ARK. Fort Smith . . .	54	+ 6	.4	- .3	Lansing . . .	43	+ 7	.4	- .1	Scranton . . .	40	- 1	.5	- .2
Little Rock . . .	58	+10	1.8	+ .9	Marquette . . .	36	+ 4	.4	- .3	R.I. Providence . . .	40	- 1	.8	- .3
CALIF. Bakersfield . . .	57	+ 3	.2	0	Muskegon . . .	42	+ 5	1.0	+ .3	S.C. Charleston . . .	57	+ 2	2.6	+2.1
Eureka . . .	53	+ 2	1.3	- .1	S. Ste. Marie . . .	32	+ 2	1.3	+ .5	Columbia . . .	56	+ 4	2.4	+1.8
Fresno . . .	52	0	.3	0	MINN. Duluth . . .	28	+ 3	.2	- .2	Greenville . . .	50	+ 1	2.1	+1.4
Los Angeles . . .	63	+ 1	.1	- .5	Internatl Falls . . .	26	+ 5	.2	- .1	S.D. Aberdeen . . .	34	+ 7	T	- .1
Red Bluff . . .	49	- 3	.1	- .7	Minneapolis . . .	34	+ 5	.1	- .2	Huron . . .	35	+ 6	T	- .1
San Diego . . .	62	+ 2	T	- .3	Rochester . . .	34	+ 5	.1	- .1	Rapid City . . .	41	+ 8	T	- .1
San Francisco . . .	53	- 1	.3	- .3	St. Cloud . . .	31	+ 4	.1	- .2	Sioux Falls . . .	35	+ 5	T	- .2
Stockton . . .	51	0	.5	0	MISS. Jackson . . .	61	+ 7	1.1	+ .1	TENN. Chattanooga . . .	50	+ 3	1.5	+ .5
COLO. Denver . . .	44	+ 7	.2	+ .1	Meridian . . .	59	+ 6	2.0	+1.1	Knoxville . . .	51	+ 4	2.2	+1.3
Grand Junction . . .	39	+ 2	.1	0	MO. Columbia . . .	48	+ 7	T	- .4	Memphis . . .	59	+10	2.2	+1.2
Pueblo . . .	46	+ 1	T	- .1	Kansas City . . .	49	+ 8	T	- .3	Nashville . . .	53	+ 7	3.2	+2.3
CONN. Bridgeport . . .	43	- 1	.6	- .3	St. Louis . . .	47	+ 5	T	- .6	TEX. Abilene . . .	57	+ 5	0	- .2
Hartford . . .	36	- 3	.9	- .2	Springfield . . .	50	+ 7	T	- .5	Amarillo . . .	50	+ 6	0	- .1
D. C. Washington . . .	48	+ 2	.1	- .6	MONT. Billings . . .	40	+ 7	.1	- .1	Austin . . .	61	+ 4	5.1	+4.6
FLA. Apalachicola . . .	64	+ 5	.2	- .5	Glasgow . . .	35	+ 9	T	- .1	Beaumont . . .	64	+ 5	1.2	+ .1
Daytona Beach . . .	65	+ 1	.2	- .2	Great Falls . . .	39	+ 7	T	- .2	Brownsville . . .	72	+ 5	.5	+ .2
Ft. Myers . . .	70	+ 2	0	- .3	Havre . . .	36	+ 9	0	- .1	Corpus Christi . . .	69	+ 6	1.0	+ .6
Jacksonville . . .	61	+ 1	.4	0	Helena . . .	39	+10	T	- .2	Del Rio . . .	63	+ 5	.1	0
Key West . . .	74	0	.3	- .2	Kalispell . . .	39	+10	.3	- .1	El Paso . . .	53	+ 3	T	- .1
Lakeland . . .	68	+ 2	.3	- .1	Miles City . . .	38	+ 9	.1	0	Fort Worth . . .	60	+ 6	.4	- .1
Miami . . .	71	0	.2	- .2	Missoula . . .	38	+ 8	.2	0	Galveston . . .	68	+ 1	1.8	+1.0
Orlando . . .	67	+ 2	.1	- .2	NEBR. Grand Island . . .	43	+ 8	T	- .1	Houston . . .	65	+ 7	1.8	+ .8
Tallahassee . . .	61	+ 4	.5	- .2	Lincoln . . .	43	+ 7	T	- .2	Lubbock . . .	54	+ 7	0	- .1
Tampa . . .	67	+ 2	T	- .4	Norfolk . . .	41	+ 8	T	- .1	Midland . . .	58	+ 7	T	- .1
W. Palm Beach . . .	70	0	1.8	+1.4	N. Platte . . .	38	+ 4	T	- .1	San Angelo . . .	60	+ 6	T	- .2
GA. Atlanta . . .	54	+ 5	.7	- .2	Omaha . . .	45	+10	.1	- .1	San Antonio . . .	62	+ 4	4.3	+3.9
Augusta . . .	53	+ 1	1.3	+ .7	Valentine . . .	40	+ 8	.1	0	Victoria . . .	67	+ 6	2.1	+1.6
Macon . . .	57	+ 4	.4	- .2	NEV. Ely . . .	36	+ 4	.2	+ .1	Waco . . .	60	+ 4	1.0	+ .5
Savannah . . .	60	+ 5	.7	+ .2	Las Vegas . . .	56	+ 5	0	- .1	Wichita Falls . . .	56	+ 5	0	- .3
HAWAII. Hilo . . .	74	+ 1	9.6	+6.3	Reno . . .	41	+ 3	.1	- .1	UTAH. Blanding . . .	40	+ 4	0	- .2
Honolulu . . .	74	- 2	1.2	+ .4	Winnemucca . . .	38	+ 3	T	- .2	Salt Lake City . . .	45	+ 8	.9	+ .6
Kahului . . .	76	+ 1	.7	+ .1	N. H. Concord . . .	32	- 4	1.8	+ .8	VT. Burlington . . .	35	0	1.2	+ .5
Lihue . . .	74	- 1	3.6	+2.2	N. J. Atlantic City . . .	42	- 2	.2	- .8	VA. Lynchburg . . .	45	0	.4	- .2
IDAHO. Boise . . .	46	+ 8	.1	- .2	Trenton . . .	44	0	.2	- .6	Norfolk . . .	51	+ 1	.6	- .1
Lewiston . . .	47	+ 7	.1	- .2	N. MEX. Albuquerque . . .	47	+ 5	0	- .1	Richmond . . .	45	- 2	.3	- .5
Pocatello . . .	40	+ 7	.3	0	Roswell . . .	47	+ 2	T	0	Roanoke . . .	45	0	.3	- .3
ILL. Cairo . . .	53	+ 7	1.5	+ .5	N. Y. Albany . . .	38	+ 1	1.1	+ .4	WASH. Colville . . .	38	+ 6	2.0	+1.5
Chicago . . .	43	+ 5	.2	- .3	Binghamton . . .	36	0	.8	+ .1	Omak . . .	36	+ 3	.8	+ .4
Moline . . .	42	+ 6	.3	- .1	Buffalo . . .	41	+ 3	1.9	+1.0	Quillayute . . .	45	+ 2	5.6	+2.3
Peoria . . .	41	+ 4	.1	- .4	New York . . .	44	- 1	.3	- .6	Seattle-Tacoma . . .	46	+ 3	3.0	+1.6
Rockford . . .	38	+ 3	.6	0	Rochester . . .	40	+ 2	1.7	+1.1	Spokane . . .	41	+ 7	2.0	+1.4
Springfield . . .	44	+ 5	T	- .5	Syracuse . . .	42	+ 3	1.9	+1.1	Walla Walla . . .	52	+11	1.0	+ .5
IND. Evansville . . .	49	+ 6	1.0	+ .2	N. C. Asheville . . .	49	+ 4	1.5	+ .8	Yakima . . .	42	+ 6	.2	- .1
Ft. Wayne . . .	44	+ 6	.1	- .5	Charlotte . . .	50	+ 1	1.8	+1.1	W. Va. Beckley . . .	44	+ 4	1.2	+ .5
Indianapolis . . .	43	+ 4	.5	- .3	Greensboro . . .	48	+ 2	1.0	+ .4	Charleston . . .	45	+ 2	1.1	+ .4
South Bend . . .	45	+ 8	.1	- .5	Hatteras . . .	53	- 1	1.3	+ .2	Huntington . . .	47	+ 4	.8	+ .1
IOWA. Burlington . . .	42	+ 5	T	- .4	Raleigh . . .	46	- 2	1.1	+ .4	Parkersburg . . .	45	+ 2	.5	- .1
Des Moines . . .	43	+ 8	T	- .3	Wilmington . . .	54	0	1.0	+ .3	WIS. Green Bay . . .	36	+ 5	.6	+ .2
Dubuque . . .	38	+ 5	.3	- .3	N. DAK. Bismarck . . .	31	+ 5	T	- .1	La Crosse . . .	38	+ 6	.2	- .2
Sioux City . . .	40	+ 7	T	- .2	Fargo . . .	28	+ 3	T	- .1	Madison . . .	37	+ 5	.5	+ .1
KANS. Concordia . . .	45	+ 6	T	- .1	Williston . . .	30	+ 5	T	- .1	Milwaukee . . .	39	+ 5	.5	0
Dodge City . . .	48	+ 8	0	- .1	OHIO. Akron-Canton . . .	44	+ 6	.8	+ .2	WYO. Casper . . .	37	+ 5	.3	+ .2
Goodland . . .	42	+ 6	T	- .1	Cincinnati . . .	46	+ 5	1.1	+ .3	Cheyenne . . .	43	+10	T	- .1
Topeka . . .	48	+ 8	0	- .3	Cleveland . . .	44	+ 5	1.6	+1.0	Lander . . .	38	+ 9	T	- .2
Wichita . . .	49	+ 7	0	- .3	Columbus . . .	46	+ 7	.6	- .1	Sheridan . . .	37	+ 6	.2	0
KY. Lexington . . .	46	+ 4	1.2	+ .4	Dayton . . .	46	+ 7	1.2	+ .6	P. R. San Juan . . .	80	+ 2	1.2	- .1
Louisville . . .	45	+ 2	.5	- .3	Toledo . . .	43	+ 8	.3	- .3					

Based on 1941 - 70 normals

CONDENSED STATE SUMMARIES

The Bulletin capsulizes nationally important weather and crop conditions. Every Monday SRS publishes more detailed data in State Weekly Weather and Crop Bulletins in cooperation with the National Weather Service, NOAA. Voluntary weather observers, crop reporters, and county extension agents contribute weekly observations for these reports.

ALABAMA: Temperatures well above normal with afternoon highs reaching the 70's on 19th and 20th and over the weekend. Showers and thundershowers produced locally heavy amounts of rain night of 19th and early 20th, followed by sunny skies remainder of the week.

Cotton, corn and soybean harvest pushed toward completion as farmers made strong efforts to get remaining production out of fields. Cotton harvest 83% complete, 80% 1973. Harvest complete many farms and stalks have been shredded. Farmers turning attention to corn harvest on farms where harvest of cotton and soybeans complete. Slightly over 90% expected corn for grain harvested. Soybean growers have harvested 84% expected production, 80% 1973. Rains benefited small grain seedlings. More moisture needed few localities to boost prospects and enable farmers to seed remaining acreage. Outlook for winter grazing favorable. Few stockmen feeding hay.

ARIZONA: Daytime temperatures 5 to 8° above normal first half, near normal last half period. Traces rain, snow across north on 20th. Only other precipitation extreme southeast, 0.40 in. on 20th.

Cotton harvest active, some ginning delays. Harvest 70 to 75% complete western, central counties and to 30 to 35% complete southeast. Sorghum harvest nearly complete southeast. Sugarbeets forming taproots, Yuma County. Cochise County harvest complete. Alfalfa hay slow. Small grain planting Yuma, Cochise Counties. Lettuce harvest limited Pima County. Fall lettuce harvest underway Yuma County. Lettuce, broccoli, cabbage, good progress Yuma. Navel oranges, Algerian tangerines, Orlando tangelos, lemons being picked Maricopa County. Lemon, grapefruit harvest maximum Yuma, packing plants operating capacity. Condition cattle, calves fair to good. Pastures, ranges average feed. Water supplies adequate.

ARKANSAS: Average temperatures 4 to 9° above normal. Extremes: 79° at Camden, Judsonia, and Rohwer on 19th; 26° at Gilbert on 21st. Rainfall light at beginning of week and heavy at end of week over most of State. Greatest was 4.34 in. at Augusta and least was 0.04 in. at Harrison and Fayetteville.

Wet fields, heavy frosts and freezing night temperatures slowed crop harvest and planting of small grains. Cotton second pickings were active, percent open bolls 16 points below 1973. Crop harvest 66% complete 85% in 1973. Rice harvest was virtually complete. Soybean fields inundated with water and heavy soils slowed harvest. Harvest 68% complete, 7 points behind year ago. Wheat and oat plantings were 79 and 98% complete respectively. Early plantings were off to good growth with a few fields being grazed. Spinach and greens being harvested. Hay feeding and supplemental protein feeding was active. Movement of cull cattle for market.

CALIFORNIA: Average temperatures well above normal southeast interior; near normal elsewhere. Rain early week northern third. At week's end, cold front swept southward bringing light, moderate rainfall; amounts 2.00 in. Sierra Nevada. Southern desert areas continued dry.

Rains delayed fieldwork north half. Early fields

of small grains benefitted by moisture. Some green chopping being done. Cotton harvest, shredding and discing progressing well. Digging sugarbeets delayed northern half. Moisture content milo still high; driers running at full capacity.

Growers beginning seasonal cultural practices, pruning nut and deciduous fruit orchards and applying dormant sprays and fertilizer in some areas. Harvesting of most crops about complete except small acreage of persimmons, grapes, avocados, kiwi's and pistachios around Bakersfield. Date harvest continues around Indio with early harvest completion expected. Navel orange picking is increasing, fair quality and improved color. Tangerine, grapefruit, lemon harvests at seasonal levels.

Artichoke increasing, broccoli, cauliflower moderate. Carrot digging continues San Joaquin beginning Imperial. Celery past peak Salinas, South Coast increasing. Lettuce nearly complete San Joaquin, Palo Verde at peak, Imperial beginning this week. Potato digging complete Santa Maria, movement continues Anza. Market tomatoes continues South Coast. Northern, central generous growth range grasses. Southern regions additional moisture needed. Lambing Sacramento Valley continuing, some predator losses. Sheepmen in Central Valley continue to hold stock on alfalfa and grain stubble fields. Movement of cattle to market slow. Stock water supplies increasing.

COLORADO: Warm weather lower elevations; some mountain areas near normal; elsewhere 3 to 10° above. Eastern Plains 7 to 10° above normal. Extremes: 78° La Junta and Pueblo, minus 8° Gunnison. Locally heavy snow mountains, elsewhere generally light precipitation Denver 0.25 in., upper limit lower elevations.

Weather ideal for harvest. Corn grain 92% harvested compared 72% 5-year average. Sorghum grain 79% combined, 77% average. Winter wheat and barley condition mostly good except extreme northeast and southeast corners lack moisture. Limited winter wheat of sufficient growth to pasture most areas. Pasturing 7% statewide. Livestock generally good condition under mild weather. Crop aftermath utilized where available.

FLORIDA: Warm and dry early week; lower temperatures and widespread, but mostly light to moderate rainfall midperiod; warming trend and a return to dry weather late in period. Temperatures averaged slightly above normal.

Soil moisture adequate panhandle, short over peninsula. Crop harvest active soybeans and cotton, getting underway on sugarcane. Harvest virtually complete peanuts and corn. Small grains improved slightly additional moisture needed. Planting of grains continues. Pastures very poor to fair condition. Cattle and calves mostly fair condition. Citrus tree condition generally good, rain needed all areas. Light rain was received, not sufficient, irrigation working all areas. Some leaf curl and wilt, a little fruit softening in non-irrigated groves. Dry soils continued to prevail over vegetable areas. Irrigation active all areas to maintain adequate moisture. Fall vegetable volume increased as more crops reached maturity. Moving in increasing supplies were peppers, tomatoes, celery, lettuce, escarole and endive. Shipments of sweet corn, snap beans, cucumbers, eggplant and squash remained steady.

GEORGIA: Temperatures generally 1 to 3° above normal, except west and southwest 4 to 6° above. Precipitation moderate coast and south to excessive southwest and north. Rainfall averaged less than 0.50 in. coast to more than 2.00 in. southwest and north. Most areas 1.00 to 1.50 in. Soil moisture vastly improved, now adequate throughout. Pasture condition improved. Harvesting continues; pecans 54% harvested, cotton 87% harvested, soybean harvest 78% complete, and corn 88% harvested. Small grains 90% seeded. Cattle and calves mostly good condition.

HAWAII: Rainfall on Island of Hawaii ranged from low 2.00 in. in Honokaa area to high 12.00 in. in Pahoehoe area.

Recurring rains kept fields wet and limited farm operations. Recent rains alleviated drought conditions. Some vegetables in short supply. Banana and papaya production gradually decreasing. Pastures and cattle in fair to good condition. Harvesting of pineapple for fresh fruit increasing. Rains beneficial to newly planted crop. Sugar operations slowed by unfavorable weather.

IDAHO: Weather varied and unsettled. Nearly 2.00 in. rain panhandle first of week. Precipitation light and scattered rest of State. Light snow central mountains higher elevations. Warm, near record temperatures midweek brought averages to as much as 9° above normal.

Sugarbeet harvest virtually complete. Potato harvest complete. Seeding fall grains continues with light rains aiding germination. Livestock in good condition with some supplemental feeding taking place.

ILLINOIS: Temperatures 4 to 7° above normal, 23d warmest day, readings 60's. Precipitation varied from 0.10 to 1.50 in., heaviest amounts southwest.

Corn harvest 82% complete, 1971-73 average 85%, 1973 nearly complete. Wet field conditions, capacity, drying problems at many elevators delay harvest. Most corn high in moisture, requiring more drying time. Much corn in field low test weight, poor quality. Grain sorghum harvest 75% complete. Winter wheat seedings good to excellent condition. Plowing 1975 corn and soybean acreage 40% complete, 60% 1973, average 50%. Wet conditions slow progress. Pastures supplying 40% livestock roughage requirements, condition fair to good. Soil moisture 8% short, 63% adequate, 29% surplus. Fieldwork: 4.5 days suitable.

INDIANA: Warm cloudy week. Precipitation 0.10 in. north to 0.70 in. south. Temperatures averaged 5° above normal and ranged from 23° on 22d to 71° on 23d. Above normal humidities.

Fieldwork averaged 4 days. Topsoil and subsoil moisture mostly adequate to surplus. Corn 65% harvested, 90% in 1973, 75% average. Corn moisture high. Soybean 90% combined, no advance from week before. Land for spring seeding halted at 25% plowed.

IOWA: Cold 20th and 24th but otherwise mild with temperatures averaging 7° above normal. Light rain on 23d gave amounts well under 0.33 in., or 0.20 to 0.30 in. below normal.

Nearly perfect week for fieldwork speeds harvest to near completion. Days suitable for fieldwork 6.4, average 4.8 days. Corn harvest 90% complete, average 81%. Late planted and wet corn remains to be harvested. Grain sorghum harvest 94% complete, about normal. Fall plowing 52% complete and continuing. Topsoil moisture 13% short, 85% adequate, 2% surplus. Western areas are driest.

KANSAS: Much above normal temperatures ranging from 8° above north central to 11° above south-east. Lows in teens some western counties. Only one county reported measurable precipitation.

Harvest fall row crops moved ahead with warm dry weather. Winter wheat continued to improve, making excellent growth most areas with exception scattered western counties where moisture short. Scattered reports greenbug infestations and yellowing wheat. Ten percent wheat being pastured November 23d, 15% average. Sorghum grain harvest 65% complete, 85% 1973 and average. Corn 90% harvested, 80% 1973, 85% average. Soybeans 65% harvested, 90% 1973 and average. Cattle continue move native pasture to stock fields and wheat pasture. Supplemental feeding cattle on native grasses.

KENTUCKY: Temperatures averaged above normal early in period, 3° below normal midweek, and above normal again over weekend. Scattered rain 18th through 20th, and again over weekend. Totals 0.50 to 1.00 in. most sections.

Corn harvest nearing completion, soybean combining lagging, well behind last year. Tobacco stripping active in preparation opening burley markets on 25th. Livestock still doing well on pastures and corn forage.

LOUISIANA: Temperatures 1 to 12° above normal. Extremes: 84° Monroe 20th, 30° Ashland 21st. General precipitation early week and again 19th and 20th.

Fieldwork was possible an average of 3.2 days. Soil moisture generally surplus. Activities mainly harvesting cotton, soybeans, and sugarcane. Cotton harvest slowed, 80% picked, 70% 1973, 75% 1972. Growth stopped by frosts November 15th and 21st. Soybean harvest virtually at a standstill. Completion held near 82% mark of previous week. Sugarcane harvest fair to good nearly 55% cut, about the normal progress. Yields improved sucrose content good. Small grain seedings up to good stands. Pastures supplying average grazing, some supplemental feeding. Early seedings small grains and ryegrass furnishing limited grazing. Cattle fair to good.

MARYLAND AND DELAWARE: Temperatures normal or slightly below. Highs low 50's to low 60's. Lows low 20's to low 30's. Precipitation trace to 1.19 in., heaviest north central Maryland. Garrett county reported 4 to 8 in. snowfall.

Good progress harvesting remaining corn and soybeans. Tobacco stripping activity increasing. Soil moisture short except where showers heaviest. Fall seedings need rain for good development.

MICHIGAN: Temperatures averaged 4 to 9° above normal in Lower and 1 to 4° above normal in Upper Peninsula. Precipitation totaled 0.20 to 0.75 in. over most of State with over 1.00 in. recorded at Sault Ste. Marie, Alpena, Muskegon, and Bad Axe.

MINNESOTA: Temperatures averaged 3 to 5° above normal. Precipitation 0.10 to 0.20 in. or about 0.20 in. below normal. Snowfall ranging from trace to 1 in. on ground northern third. Harvest of fall crops about completed in all areas. Corn harvest picked up in southeast the last 2 weeks after adequate field drying of freeze-damaged acreage. Corn harvest in 1973, 99% completed, average 92%. Dry soil conditions continued except northern one-third.

MISSISSIPPI: Wide spread rains 1st half of week. Average temperatures 6 to 9° above normal. Extremes: 20 and 80°. Greatest 24-hour rainfall 2.82 in. Fair, mild last half week until the 24th.

Soil moisture mostly surplus. Fieldwork: 2.4 days suitable. Cotton 74% harvested, normal 83%, 87% 1973. Soybeans 72% harvested, normal 74%, 1973 79%. Corn 90% harvested, 1973 92%. Winter wheat 91% planted, 1973 86%. Pecans 55% harvested, normal 59%, 1973 58%.

MISSOURI: Warm, dry week. Temperatures averaged 5 to 10° above normal and rainfall varied from zero over much of State to 0.25 in. Minimum temperatures fell to frost or freezing levels on only 2 of the 7 days.

Fieldwork: 4 days suitable. Corn 78% harvested, 83% 1973, 76% average. Grain sorghum 72% harvested, 80% average. Soybeans 77% harvested, 92% 1973, 79 average. Cotton 78% harvested, 76% average. Fall seeding 88% completed, 81% average. Fall plowing 43% finished, 52% 1973, 53% average. Soil moisture adequate, fertilizer supplies adequate.

MONTANA: Daytime temperatures averaging 6° above normal south central to 11° above western and northeastern division. Highs upper 50's and lower 60's. Precipitation below normal and confined mostly to western divisions, with most amounts near 0.25 in.

Warm weather ideal for livestock care. Grazing open, stockwater adequate. Winter wheat fair to good but dry soils leaving some winter wheat vulnerable to wind and freeze damage. Some fall tillage continues.

NEBRASKA: Precipitation below normal. Temperatures above normal.

Fieldwork: 7.0 days suitable. Topsoil moisture supplies short 74%, subsoil moisture short 99%. Corn harvest nearing completion, 5-year average 80% and 1973, 85%. Sorghum harvest nearing completion, same as last year, normal 85%. Wheat condition mostly fair. Range and pasture feed supplies short 92%. Close culling of cows continuing.

NEVADA: One foot of snow fell mountains west of Reno. Mostly light amounts remainder north and central, none south. Temperature extremes ranged from 72° Las Vegas to 10° Winnemucca.

Vegetable harvest started on limited acreage Moapa Valley. Cotton harvest continued Pahrap Valley. Grading and marketing potatoes Winnemucca area.

NEW ENGLAND: First half of week mild and dry, showers midweek with up to 3.85 in. on Mt. Washington and 1.00 plus in. elsewhere. Snow accumulated 8 to 13 in. northern Maine and Vermont. Temperatures over New England below normal November 21st and 22d.

NEW JERSEY: Temperatures averaged 38° northern, 42° southern and 43° in the coastal division. Departure running -5° north, 0° south and -1° in coast division. Extremes: 15° at Newton on 23d and 65° at Longbranch on 24th. Weekly rainfall averaged 0.30 in. north, 0.20 in. south and 0.20 in. in the coastal division. Traces of snowfall at several places on 21st.

NEW MEXICO: Another very dry week, light precipitation 22d and 23d confined to southwest, south-central and northern mountains, less than 0.20 in. Temperatures climbed gradually through

middle of week, dropped significantly from 22d through the weekend. Readings averaged 2 to 6° above normal central and west, 4 to 8° warmer eastern plains.

Moisture adequate, some short northeast. Cotton fair, 30% picked. Winter wheat, barley good. Grain sorghum fair, 55% combined. Pecan picking activity increasing. Livestock fair to good. Ranges fair with short grass.

NEW YORK: Temperatures averaged near to above normal. Precipitation averaged above normal although only moderate amounts fell in the extreme southeast. Rain on 20th changed to snow over much of interior on 21st. Six to twelve in. fell in the northeast corner and measurable amounts fell on all but southeastern valley sections. Temperatures moderated from west to east during the week-end. Rain which moved into west on 23d spread into central and north on 24th. Extremes: 58° New York City, 2° Saranac Lake.

NORTH CAROLINA: Rains 19th and 20th ended dry spell that began in October. Most of State received more than 1.00 in. Southern mountains and southern Piedmont had over 2.00 in. temperatures near normal.

Fieldwork averaged 2.6 days. Pastures mostly fair. Labor supply adequate. Soil moisture 72% adequate, 15% short and 13% surplus. Corn 94% harvested, 1973 95%, average 80%. Cotton 79% picked, 1973 87%, average 79%. Soybeans 75% combined, 1973 79%, average 58%. Lespedeza seed 90% harvested, 1973 92%, average 74%. Sorghum grain 95% combined, 1973 94%. Small grains 80% planted, 1973 81%, average 82%.

NORTH DAKOTA: Temperatures above normal all divisions, ranging from 11° above normal southwest to 6° above normal central and south central. Extremes: 64° at Dickinson to 5° at Upham. Precipitation subnormal all divisions.

Winding up sunflower harvest, moving haystacks to winter quarters, repairing buildings and fences, marketing of crops and livestock chief farm activities. Roads, driveways and yards generally free of snow. Pastures furnishing very little feed, most livestock receiving supplemental feed.

OHIO: Fair 18th, 22d and 23d. Rainfall 19th, totaling nearly 0.50 in. south. Rainfall across State 24th. Snow over eastern half 21st with 4 in. in Geauga County. Temperatures in 50's, 18th and 19th. Colder 20th through 22d. Low of 27° northwest 22d. Mild again on 23d and 24th.

Harvest of remaining corn fields slowed by rains. High moisture content remains a problem due to wet weather. Cold, wet weather hard on livestock.

OKLAHOMA: Temperatures above normal all sections, ranging from 2° above Panhandle to 7° above central. No precipitation most of State except light amounts southeast. Weekend colder with rain southeast.

Harvest row crops moved slowly as fields too wet to support machines many areas. Soybean harvest active eastern counties late week, with some good yields. Peanuts over 75% harvested compared 93% year ago. Much late crop lower grades. Cotton picking started forward, but southern counties not yet hit by frost, only 7% picked, 35% normal. Sorghum combining 60% complete, near 80% usual. Farmers planting and replanting small grains where soils dry. Sunshine helped wheat condition. Grazing small grains increasing. Ranges good, some supplement feeding started western counties.

OREGON: Heavy rains north coast, ranging from 4.00 to 6.00 in. Willamette Valley ranged from 2.45 to 3.75 in., central and southern coast 2.00 to 3.00 in., interior valleys 0.50 in. to 1.00 in., eastern Oregon 0.20 in. to 0.50 in. Temperatures above normal. Highs lower 50's to lower 70's. Lows ranged from upper 30's lower 40's western Oregon, teens and 20's east.

Majority of fall seeding and land preparation completed. Fruit harvests completed and cannery operations in full swing. Most filberts and walnuts harvested. Few vegetables left to be harvested. Livestock in good condition with supplemental feeding necessary. Many ranchers holding cattle.

PENNSYLVANIA: Cloudy to partly cloudy and mild until midweek storm brought touch of winter. Temperatures dipped below freezing and rain changed to snow north and west on 40 mph. Skies cleared 22d and remained so through weekend with temperatures moderating to 50's and 60's by afternoon of 24th. Weekly temperatures averaged near to 4° above normal with extremes 12 and 69°. Precipitation measured from 0.20 to 0.50 in. eastern half to 2.0 to 2.2 in. northwest. Up to 3 in. snowfall measured central and northeast mountains on 21st.

Farmers doing routine winter chores.

PUERTO RICO: Well distributed rains continued over the island but with less intensity than past few weeks. Island average rainfall 1.82 in. or 0.47 in. above normal. Highest weekly total 6.61 in. at Pico Del Esteluzillo. Divisional temperatures averaged about 77° on coasts and 71° degrees interior. Extremes: 89°, 56°.

Rainfall benefited sugarcane development all zones. Coffee harvest continued with frequent interruptions by rain showers. Rains damaged tobacco seedbeds and soil already prepared for planting. Soil too wet to prepare again for planting. Pastures in good condition all zones but armyworm continued affecting them. Food crops suffered much rain damage some zones, but in other areas rains benefited them.

SOUTH CAROLINA: Warmer than average temperatures. Rainfall first 4 days most locations. This was the first substantial rainfall since mid-September in many areas.

Rains eliminated practically all soil moisture shortages. Field activities at standstill thru 20th, but since farmers making up for lost time planting small grains. Harvest other crops still ahead normal. Cotton 91% harvested, 86% 1973, 87% 5-year average. Soybeans 75% harvested, 75% 1973, 56% average. Sorghums 90% harvested, 74% 1973, 72% average. Pasture condition improved significantly, but still poor. Wheat 59% planted, 62% 1973, 58% average. Oats 73% planted, 70% 1973, 71% average.

SOUTH DAKOTA: Precipitation limited over entire State, less than 0.1 in. totals. Year to end deficiencies range from 4.30 in. east central to over 12.00 in. southeast. Temperatures averaged well above normal. Extremes: 74° Rapid City 21st, 6° Brookings, weekend.

Feeding and caring for livestock main farm activity.

TENNESSEE: Cold fronts crossing State brought 2.00 to 3.00 in. rain to most sections but only slight cooling. Temperatures averaged 3 to 5° above normal east and 6 to 10° above normal middle and west.

Wet fields have delayed completing of soybean and corn harvest. Soybean 75%, corn 85% complete,

both a few days behind 1973 and average. Cotton bolls opening very slowly and many rotting before opening, abandonment increasing, 72% harvested, 85% 1973, 80% normal. Tobacco stripping made rapid progress but, at 70%, one week behind average, weighing out light. Auction sales start this week. Small grains in good condition, wheat 90% sown.

TEXAS: Heavy rains eastern third 23d. Rainfall averaged 2.00 to 2.50 in. northeast, southeast Texas; elsewhere, little or no rain. Temperatures above normal.

Fair weather allowed farmers to resume harvesting High and Low Plains. Harvest corn, sorghum made excellent progress nearing completion. Cotton harvest resumed, progress moderate to slow. Wheat, oats excellent progress furnishing adequate grazing most areas. Few fields too wet to graze. Major crops percent planted: Wheat 97, 1973 97; average 98; oats 97, 1973 8; average 96; flax 57. Major crops percent harvested: Cotton 34, 1973 46; average 40; corn 97, 1973 99; average 100; sorghum 88, 1973 97; average 94; soybeans 71, 1973 73; average 59; peanuts 79, 1973 94, average 94; sugarbeets 49, 1973 98, average 63.

High Plains: Carrots, cabbage harvest continues. Considerable loss carrots from oversize. Harvest complete other vegetables. Trans-Pecos: Vegetable harvest complete most crops, harvest carrots started Pecos County. East: Commercial acreage sweetpotatoes all harvested, harvest greens, collards, turnips continues. Coastal Bend: Cucumber harvest full swing, squash also being harvested. Spinach growth satisfactory San Patricio, Aransas Counties, planting about complete. San Antonio-Winter Garden: Tomatoes, squash, cucumbers good supply. Carrots good development. Dimmit County, carrots, eggplant, peppers, citrus being harvested. Zavala, carrots, beets approaching harvest size; tomato harvest underway with strong market. Lower Rio Grande Valley: Cutting early cabbage active and some cabbage acreage being planted. Early onions, carrots have emerged, onion planting continues. Green pepper, cucumber harvest active.

Citrus movement picked up rapidly with open weather. Gift fruit packing volume up sharply. Fruit size excellent crop coloring well. Trees good growth following recent heavy rains. Pecan harvest moved rapidly. Heavy rains brought heavy flooding river bottoms central areas second time this fall. Additional loss of nuts, 52% pecan crop gathered.

Grazing improved, increasing numbers livestock moving to wheat, oat fields. Small grain Blacklands, East too wet to support stock at normal rates. Livestock good to excellent condition, going into winter above average condition. Calving still underway many areas. Screwworms continue South, Lower Rio Grande Valley.

UTAH: Scattered precipitation principally northwest. Accumulated amounts of moisture locally moderate to heavy north central section. Snow cover limited to higher elevations. Average temperatures ranged from 3 to 11° above normal.

Mild, open weather permitted late fall plowing and fieldwork many areas. Care and feeding cattle and sheep on winter range lands, valley farms and feedlots major activity. Sugarbeet processing near peak. Breeding range ewes nearly completed. Grading, sorting potatoes, dry onions and apples in progress.

VIRGINIA: Showers Statewide. Some snow flurries over mountains most of period, followed by fair, warmer weather over weekend. Extremes: 17 and 72°.

Fieldwork: 3.0 days suitable. Topsoil moisture 68% adequate, 21% short, 11% surplus. Corn grain harvest 88% complete, same as year earlier. Soybean harvest 86% combined, 1973 83%. Cotton harvest 75% complete. Flue-cured tobacco final sale during week. Burley sales start November 25th, Fire-cured December 3d, sun-cured December 10th. Winter wheat seedings 87% complete. Due to dry soils earlier some farmers may not be able to seed intended acreage. Pasture conditions 81%, slightly improved. Forage requirements supplied by pasture: sheep 74%, beef cattle 66%, dairy cattle 25%.

WASHINGTON: West: Average temperatures 1 to 2° above normal. Extremes: 50's, 40's. Cooling end of period. Precipitation much above normal. Total amounts 1.00 in. to over 4.00 in.

Digging carrots continue. Christmas tree harvest at a standstill. Nursery stock lifting and tree planting underway at high elevations. Farmers repairing equipment and attending meetings. Little fall pasture left and cattle on winter feed.

East: Average readings 3 to 7° above normal. Extremes: 50's, 20's. Precipitation above normal. Amounts from 0.10 in. to over 2.00 in.

Harvesting sugarbeets and field corn. Other activities: Plowing, fertilizing, hop trellis work, pruning and limited fertilizing in orchards. Winter wheat planted in dry soils began to sprout and was looking good. Moisture was met in some summerfallow fields but in a few areas a dry layer still remained just below the surface. Farmers began reseeding in fields where stands were spotty. Spraying for greenbugs was underway in dryland Columbia Basin, some infestations were noted elsewhere. Generally, fieldwork was completed for the winter. Livestock were in good condition and on crop aftermath or winter feed.

WEST VIRGINIA: Temperatures above normal except central slightly below normal. Precipitation abovenormal except eastern panhandle. Snow on

21st, up to 9 in. in mountains.

Soil moisture 75% adequate, 25% surplus. Fieldwork suitable 3.1 days. Some tobacco has cured with dark color. Fall grains helped by moisture. Livestock on full feed and in good condition.

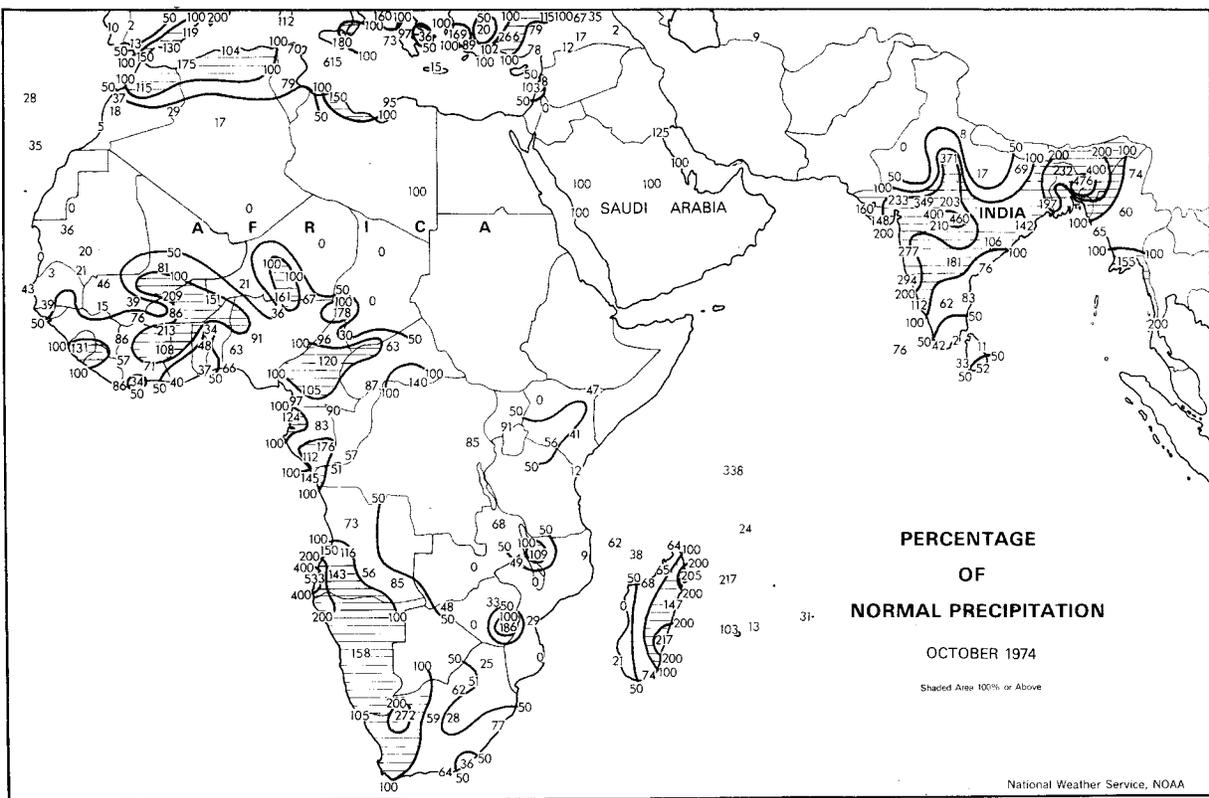
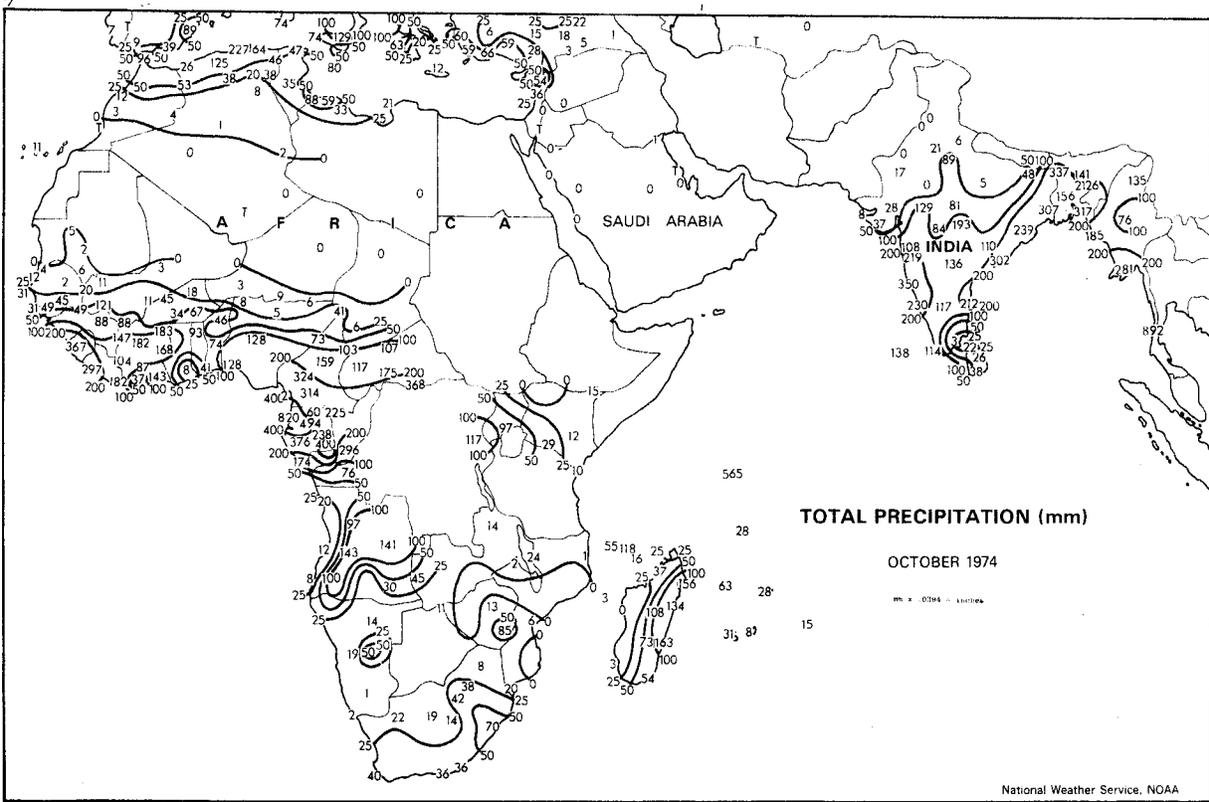
WISCONSIN: Temperatures averaged about 2° above normal. Cloudy, mild with fog and drizzle 18th and 19th. Colder 20th with rain diminishing to light snow in the north where 1 to 3 inches fell. Clearing on 21st and warmer 22d under sunny skies. Cloudy again 23d with rain south and central, and mixture of rain and snow north. Clearing but colder 24th. Precipitation for the week averaged 0.50 in. south and east, with lesser amounts west and north.

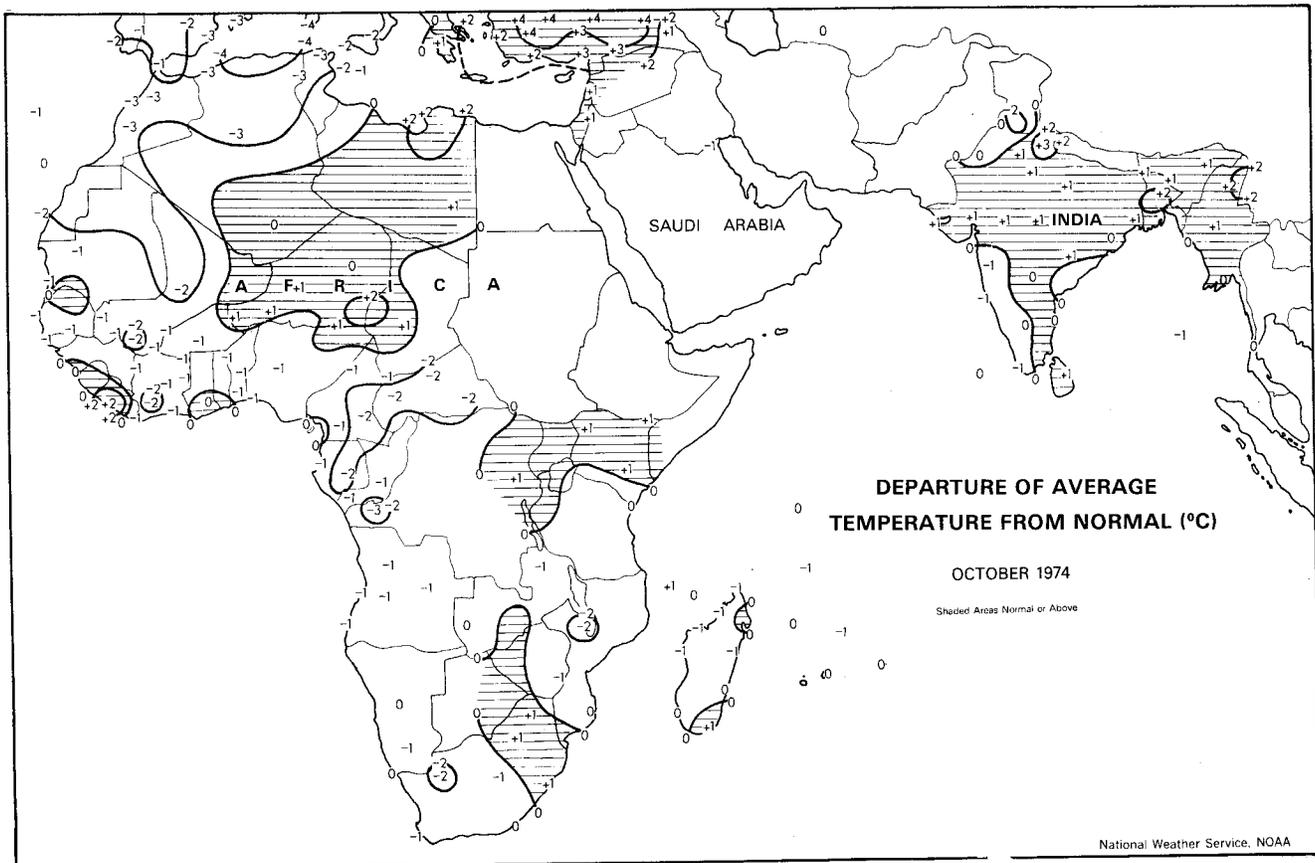
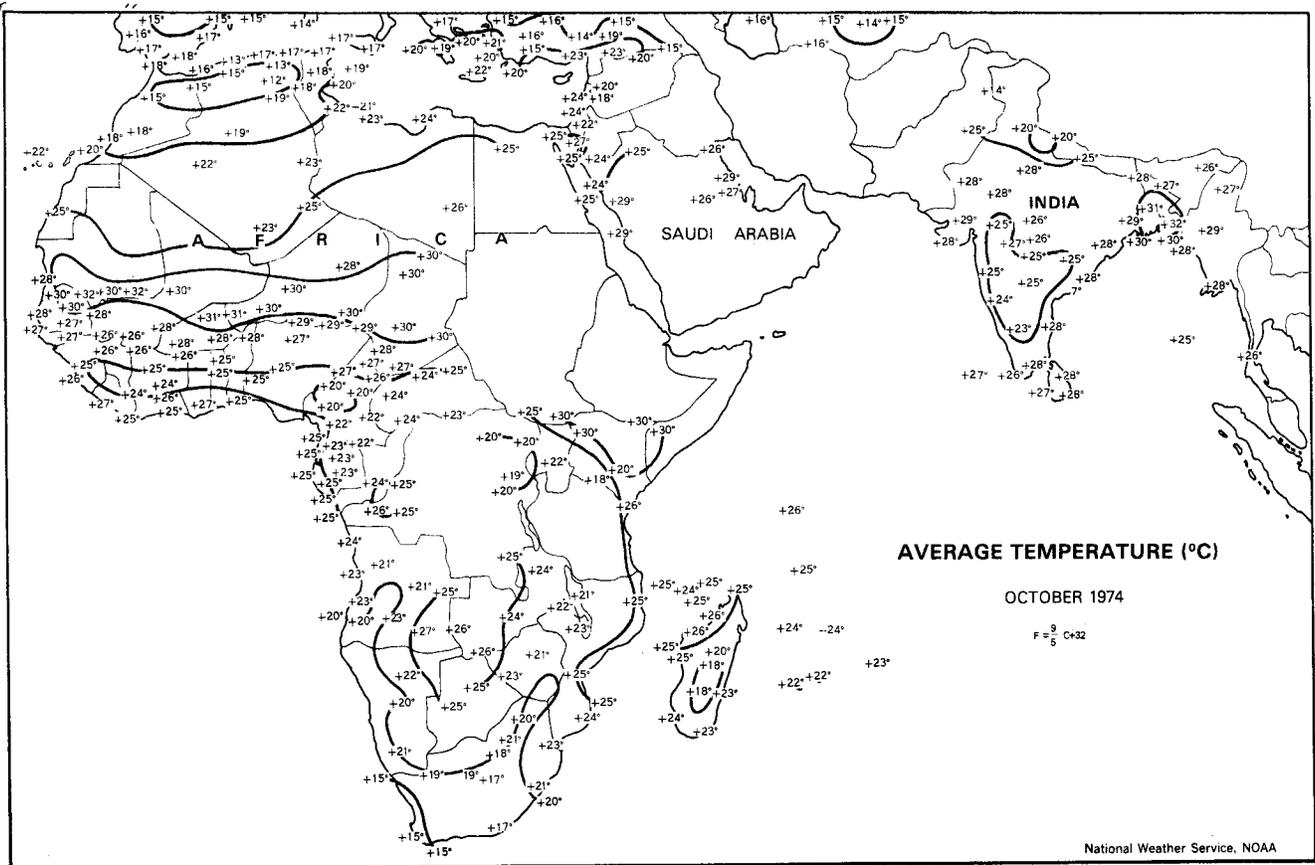
Harvest continues on corn for grain. Corn 80% harvested, 1973 95%, 1968-73 90%. Remaining corn still high in moisture, some may be left in fields over winter. Corn yields mostly poor and quality down. Soybeans 99% harvested, 1973 100%, 1968-73 95%. Soybean yields and quality also lower this year. Some fall plowing being done yet. Fall plowing 65% completed, 1973 80%, 1968-73. Good fall for fieldwork. Corn stalks being chopped for feed and bedding. Soil moisture 20% short, 75% adequate, 5% surplus.

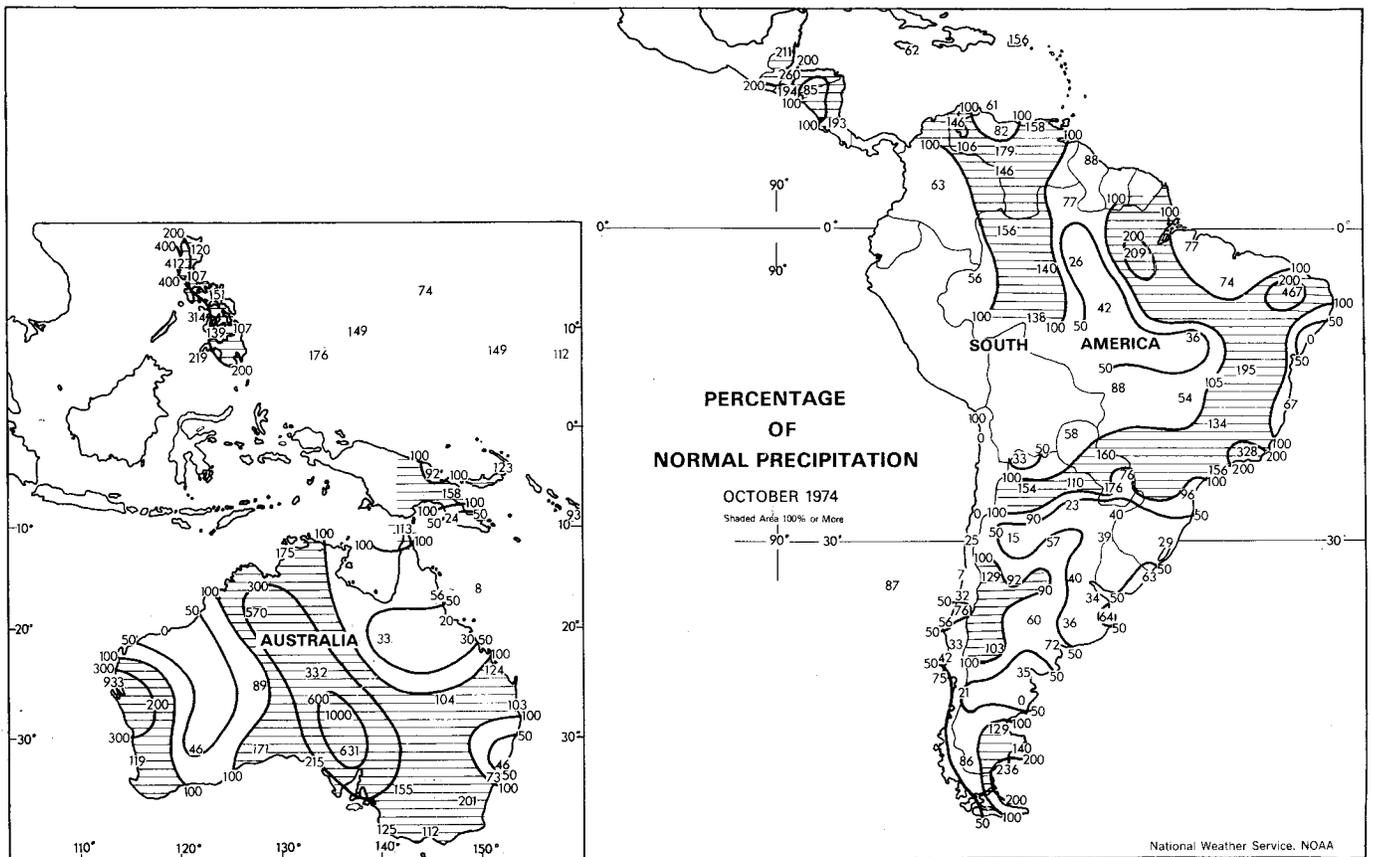
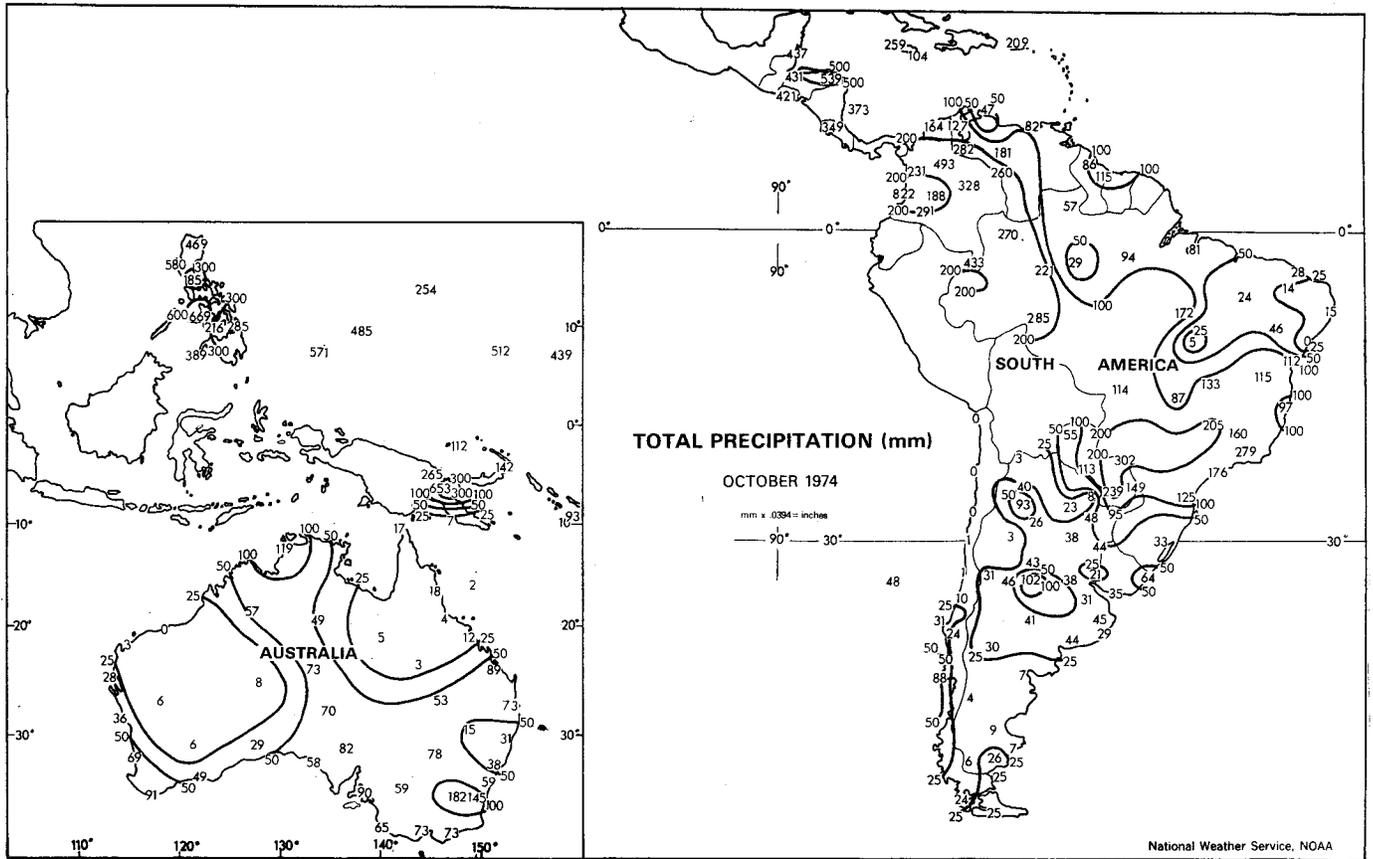
WYOMING: Temperatures much above normal. Early week temperatures near normal, climbing into 60's and even a few 70's. Over entire State temperatures averaged slightly more than 8° above normal. Precipitation below normal. Most fell west and southeast. Moran, in Snake Drainage, reported most with 0.69 in. Evanston received 0.38 in. Several locations received traces or few hundredths but most stations reported none.

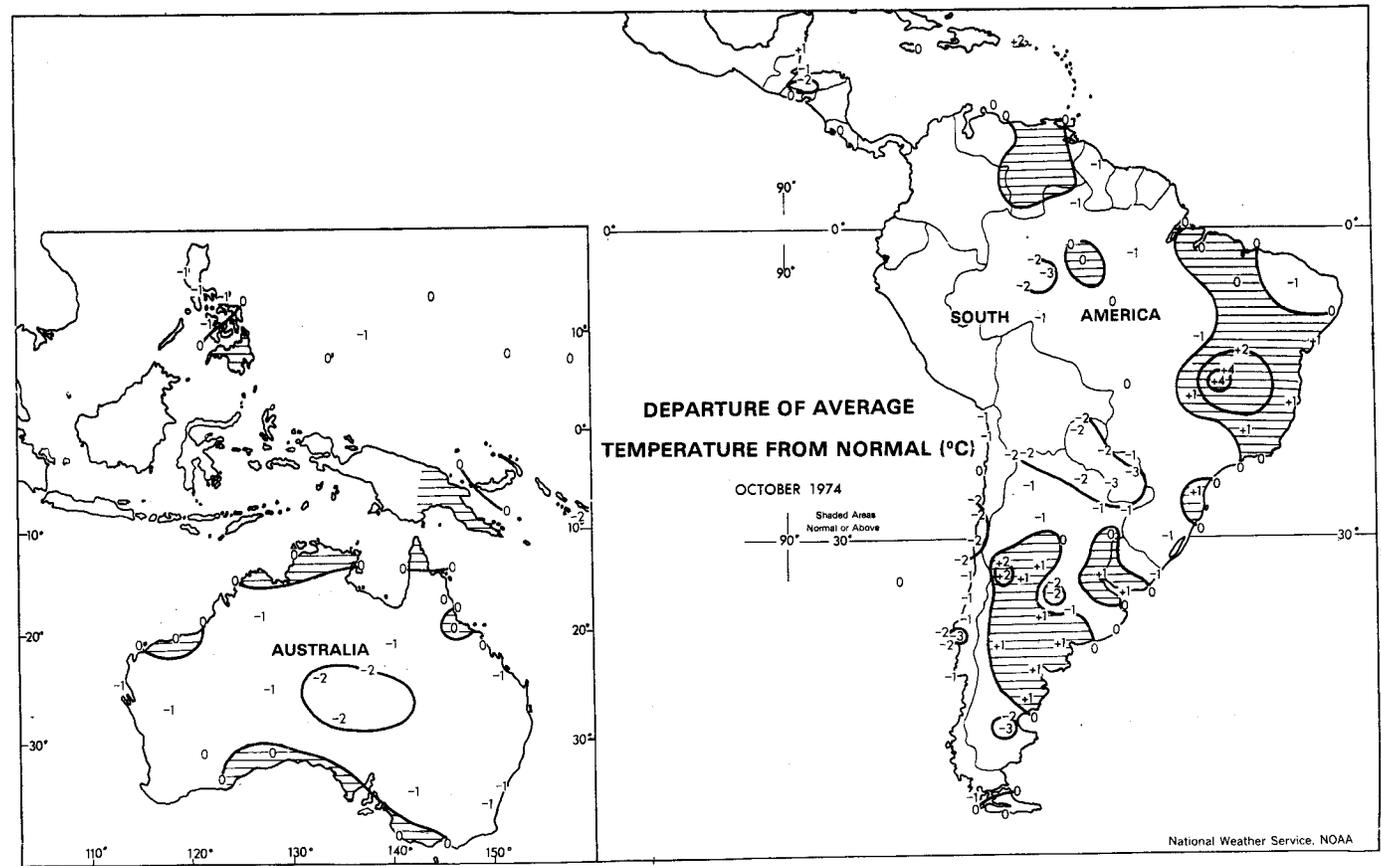
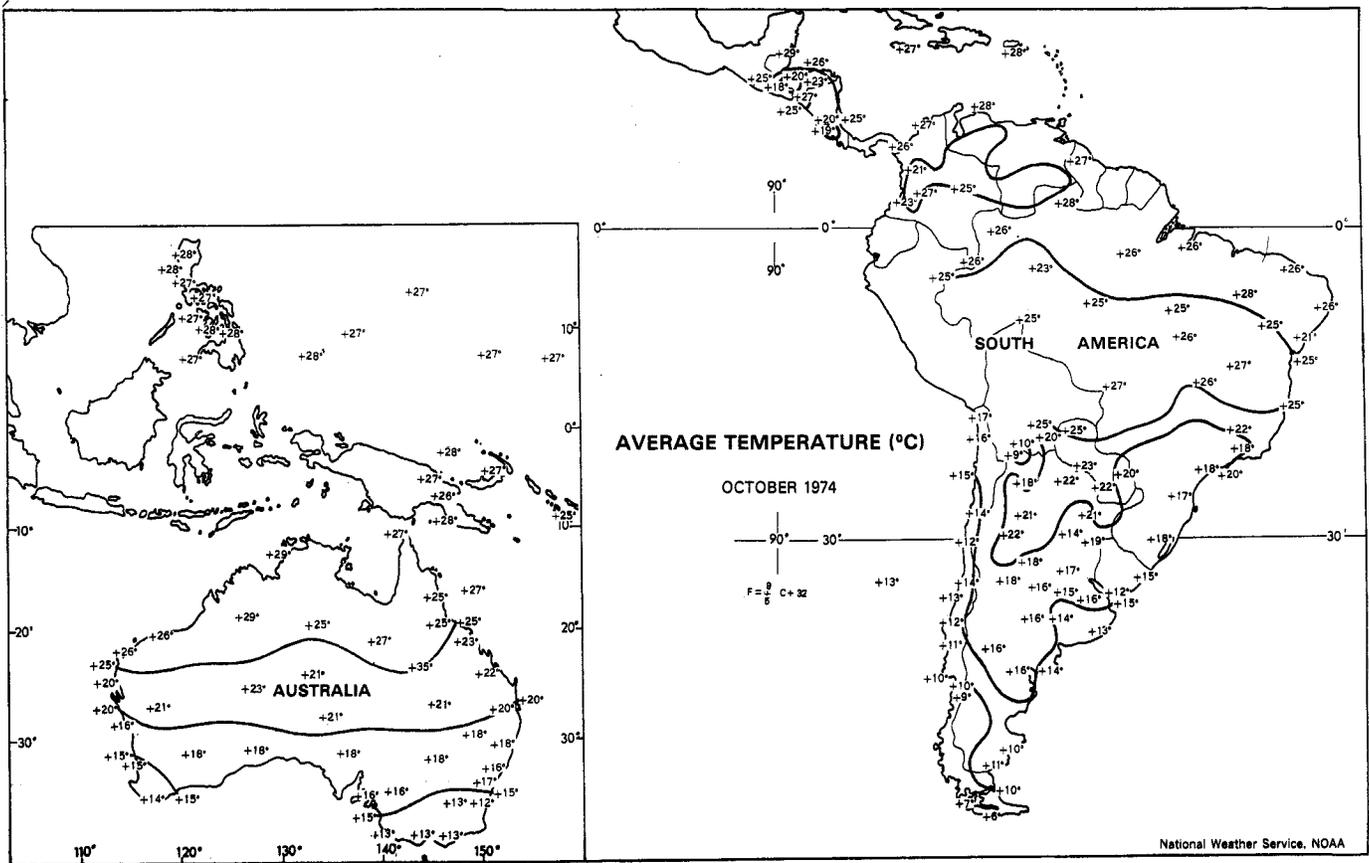
Winter wheat good condition. Last fields corn for grain picked. Mild weather permitted good progress in plowing, fall work, saved winter feed supplies. Some supplemental feeding weaned calves. Livestock condition good.

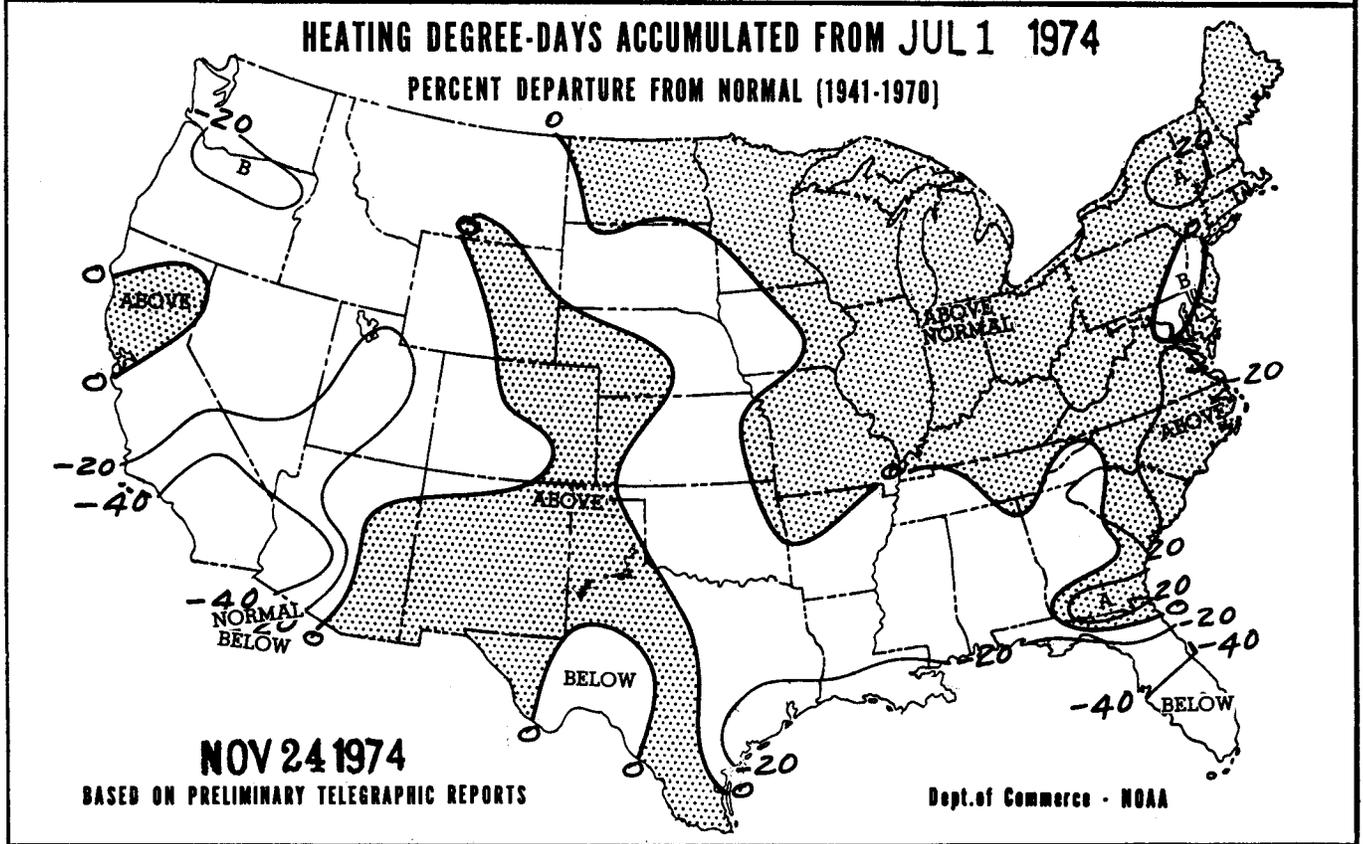
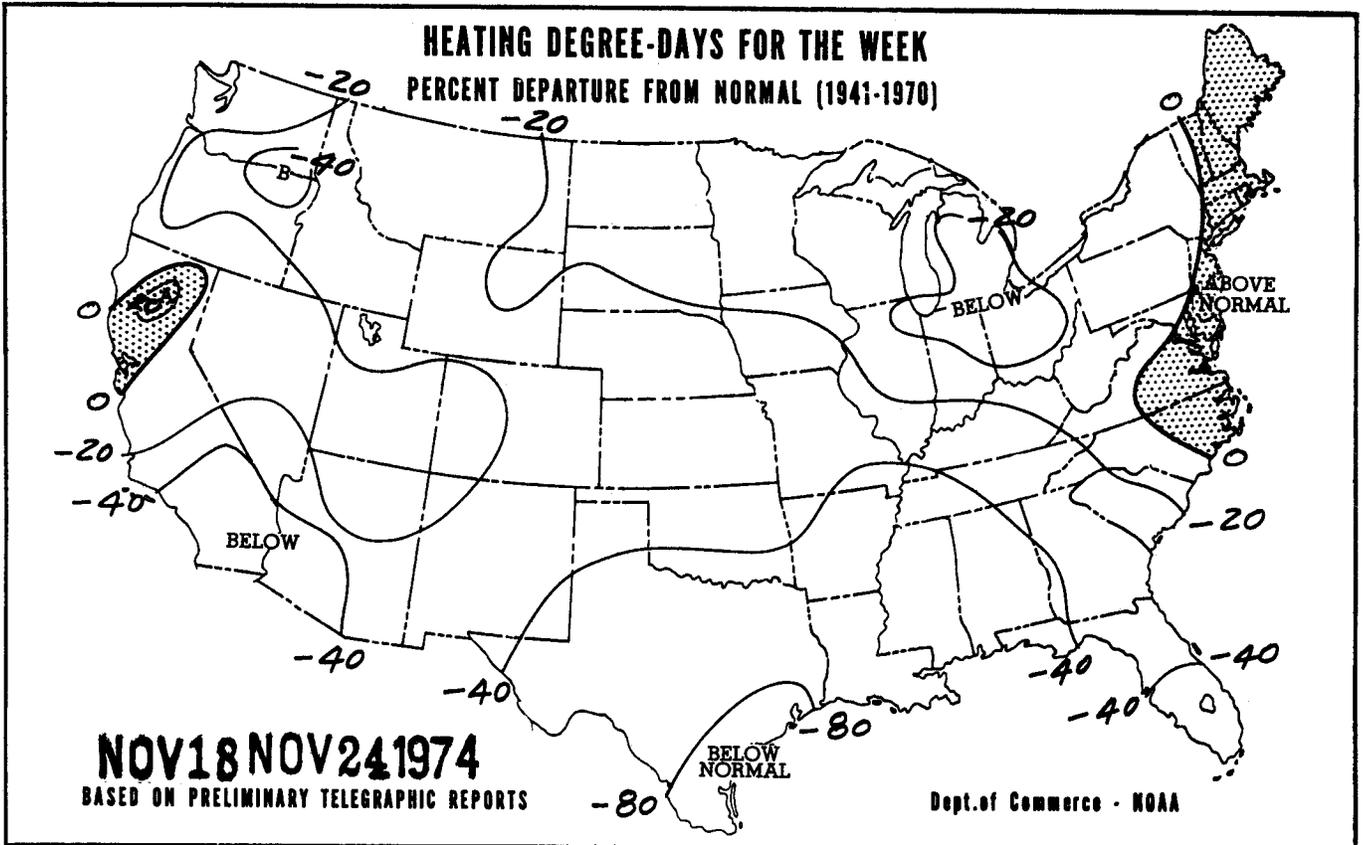
This month's world agricultural weather summary and the 4 USSR precipitation and temperature maps appeared in the November 19, 1974 issue.











Heating Degree Days (Base 65°) For Week Ending Nov.24 1974

States and Stations	Weekly		Seasonal † Accumulation			States and Stations	Weekly		Seasonal † Accumulation			States and Stations	Weekly		Seasonal † Accumulation		
	TOTAL	Departure*	TOTAL	Departure*	Departure From 1973-74		TOTAL	Departure*	TOTAL	Departure*	Departure From 1973-74		TOTAL	Departure*	TOTAL	Departure*	Departure From 1973-74
ALA.Birmingham	52	-50	423	-12	115	Portland.	201	-1	1411	-34	31	Tulsa.	60	-65	490	-10	110
ALA.Mobile	14	-44	182	-11	106	MD.Baltimore.	140	-7	686	-14	-11	OREG.Astoria	110	-27	1169	-158	-359
ALA.Montgomery	38	-45	307	-11	97	MASS.Boston	155	2	967	138	116	Burns.	180	-38	1380	-171	-222
ARIZ.Flagstaff	174	-39	1415	-185	51	MICH.Alpena	199	-28	1702	11	225	Medford.	129	-33	832	-147	-24
ARIZ.Phoenix	18	-34	84	61	21	Detroit	152	-39	1197	131	243	Pendleton.	94	-84	801	-248	-238
ARIZ.Tucson	39	-20	208	31	46	Flint	147	-57	1261	22	190	Portland.	109	-39	753	-276	-192
ARIZ.Winslow	146	-24	804	38	28	Grand Rapids.	168	-33	1441	283	384	Salem.	109	-37	890	-154	-233
ARIZ.Yuma	8	-23	28	45	42	Houghton Lake	180	-52	1655	13	204	PA.Allentown	176	1	1034	86	172
ARK.Fort Smith	74	-43	487	27	141	Lansing	151	-53	1365	165	232	Erie	165	-25	1258	67	249
ARK.Little Rock	52	-65	395	81	120	Marquette	199	-35	1661	76	243	Harrisburg	166	-2	916	94	197
CALIF.Bakersfield	56	-20	191	63	20	Muskegon	159	-37	1293	93	202	Philadelphia	145	-2	693	-16	45
CALIF.Eureka	84	-14	1384	27	-152	S. Ste. Marie	226	-17	1979	146	258	Pittsburgh	155	-27	937	-102	87
CALIF.Fresno	87	-6	316	27	44	MINN.Duluth	257	-21	2198	259	310	Scranton	176	-9	1114	27	16
CALIF.Los Angeles	15	-26	87	-162	62	Internat'l Falls	270	-37	2129	2	244	R.I.Providence	171	5	1068	125	83
CALIF.Red Bluff	114	-22	380	48	58	Minneapolis	218	-36	1496	9	235	S.C.Charleston	56	-17	346	74	185
CALIF.San Diego	20	-18	74	94	23	Rochester	217	-33	1533	68	261	Columbia	63	-28	401	38	175
CALIF.San Francisco	83	-8	600	2	83	St. Cloud	235	-33	1774	151	295	Greenville	55	-57	319	-148	-137
CALIF.Stockton	95	-3	347	10	0	MISS.Jackson	33	-47	283	-31	87	S.DAK.Aberdeen	219	-45	1472	-85	-100
COLO.Denver	149	-44	1181	61	97	Meridian	39	-48	300	-57	117	Huron	207	-43	1375	-43	-17
COLO.Grand Junction	178	-18	890	68	62	MO.Columbia	115	-51	895	131	221	Rapid City	170	-54	1325	-53	-155
COLO.Pueblo	130	-54	847	99	31	Kansas City	114	-54	848	90	164	Sioux Falls	207	-40	1389	2	122
CONN.Bridgeport	154	-5	811	83	194	St. Louis	123	-35	817	108	186	TENN.Chattanooga	106	-20	637	83	173
CONN.Hartford	199	17	1176	139	240	Springfield	102	-51	787	76	255	Knoxville	92	-32	536	-4	80
DEL.Wilmington	159	9	795	76	208	MONT.Billings	163	-59	1411	1	-149	Memphis	43	-60	386	-77	112
D.C.Washington	119	-15	567	15	110	Glasgow	206	-68	1555	-160	-250	Nashville	81	-50	563	-1	217
FLA.Apalachicola	17	-27	82	53	22	Great Falls	178	-51	1413	-137	-324	TEX.Abilene	50	-41	371	34	151
FLA.Daytona Beach	22	-6	50	17	39	Havre	204	-67	1598	-200	-271	Amarillo	100	-47	688	37	166
FLA.Ft. Myers	6	-8	11	19	11	Helena	180	-69	1778	-2	-209	Austin	30	-26	176	-11	129
FLA.Jacksonville	36	-9	157	23	78	Kalispell	177	-76	1848	-211	-105	Brownsville	0	-11	49	20	49
FLA.Key West	0	0	0	0	0	Miles City	187	-62	1401	-101	-123	Corpus Christi	2	-21	53	-9	52
FLA.Lakeland	10	-11	25	25	16	Missoula	188	-54	1586	-236	-193	Del Rio	19	-32	142	-20	108
FLA.Miami	2	5	2	5	2	NEBR.Grand Island	155	-53	1087	6	-1	El Paso	78	-30	441	51	140
FLA.Orlando	16	4	30	16	22	Lincoln	153	-48	999	-3	6	Fort Worth	37	-42	224	-45	53
FLA.Tallahassee	42	-14	233	54	119	Norfolk	168	-54	1140	46	-2	Galveston	2	-28	66	-19	56
FLA.Tampa	13	8	31	17	22	North Platte	185	-34	1320	62	-22	Houston	8	-36	97	-38	50
FLA.W. Palm Beach	3	4	4	9	4	Omaha	142	-53	1031	88	89	Lubbock	71	-57	583	47	220
GA.Atlanta	74	-35	428	20	95	Valentine	176	-56	1311	-30	-29	Midland	44	-53	324	-20	68
GA.Augusta	80	-12	422	64	108	NEV.Ely	198	-33	1573	-86	-148	Beaumont	13	-37	136	-33	77
GA.Macon	52	-29	301	5	93	Las Vegas	64	-34	262	73	-2	San Angelo	35	-45	252	-39	124
GA.Savannah	41	-28	240	4	77	Reno	169	-17	1244	-23	-2	San Antonio	25	-25	179	20	140
IDAHO.Boise	134	-57	969	-158	-74	Winneucca	189	-18	1350	-59	45	Victoria	5	-29	76	-25	71
IDAHO.Lewiston	123	-61	916	-205	-193	N.H.Concord	231	26	1590	245	102	Waco	31	-35	188	-389	93
IDAHO.Pocatello	173	-47	1335	70	-895	N.J.Atlantic City	152	5	837	114	79	Wichita Falls	86	-44	324	-389	94
ILL.Cairo	83	-50	553	12	141	Trenton	149	3	757	47	88	UTAH.Salt Lake C	141	-56	847	-261	-152
ILL.Chicago	149	-42	1034	96	183	N.MEX.Albuquerque	122	-38	714	24	-3	VT.Burlington	210	-2	1501	103	57
ILL.Moline	160	-40	1074	55	158	Roswell	93	-49	667	45	234	VA.Lynchburg	140	0	739	66	157
ILL.Peoria	166	-28	1066	93	231	N.Y.Albany	185	-9	1446	277	193	Norfolk	98	-9	472	26	70
ILL.Rockford	181	-31	1164	22	191	Binghamton	203	-2	1464	166	238	Richmond	138	13	714	133	184
ILL.Springfield	146	-34	929	68	249	Buffalo	159	-33	1175	3	72	Roanoke	141	-2	761	82	163
IND.Evansville	111	-46	781	57	233	New York	142	3	742	93	149	WASH.Quillayute	138	-15	1440	-128	-414
IND.Fort Wayne	148	-43	1099	71	252	Rochester	174	-13	1272	157	247	Seattle-Tacoma	134	-17	1029	-177	-171
IND.Indianapolis	151	-30	1023	126	342	Syracuse	159	-25	1282	202	165	Spokane	168	-52	1373	-112	-178
IND.South Bend	138	-57	999	76	216	N.C.Asheville	110	-33	738	7	129	Walla Walla	86	-83	796	-141	-175
IOWA.Burlington	158	-39	1047	79	233	Hatteras	79	4	340	64	89	Yakima	161	-39	1114	-170	-230
IOWA.Des Moines	153	-59	1041	32	193	Charlotte	107	-5	568	95	139	W.VA.Beckley	149	-27	1108	52	234
IOWA.Dubuque	185	-41	1316	59	245	Greensboro	118	-13	612	3	45	Charleston	142	-10	906	149	224
IOWA.Sioux City	173	-49	1108	45	121	Raleigh	135	17	654	121	253	Huntington	128	-23	842	90	244
KANS.Concordia	138	-47	846	36	22	Wilmington	77	-1	374	85	146	Parkersburg	140	-15	957	192	267
KANS.Dodge City	119	-55	746	45	2	N.Dak.Bismarck	240	-35	1882	165	-39	WIS.Green Bay	202	-34	1647	185	360
KANS.Goodland	159	-44	1150	46	-18	Fargo	259	-21	1783	114	42	LaCrosse	188	-41	1330	86	264
KANS.Topeka	114	-59	813	0	89	Williston	246	-35	1796	18	-138	Madison	192	-41	1342	-51	115
KANS.Wichita	108	-52	676	-21	42	OHIO.Akron-Canton	142	-45	1046	2	226	Milwaukee	181	-38	1300	20	220
KY.Lexington	128	-31	865	116	264	Cleveland	146	-34	1071	59	253	WYO.Casper	192	-42	1571	55	-12
KY.Louisville	115	-41	813	85	281	Colombus	133	-46	919	-35	173	Cheyenne	154	-67	1518	24	-63
LA.Baton Rouge	25	-31	164	-42	95	Cincinnati	134	-31	944	149	212	Lander	191	-61	1540	-49	-109
LA.Lake Charles	20	-28	135	29	79	Dayton	129	-51	968	65	217	Sheridan	198	-40	1610	39	-121
LA.New Orleans	26	-22	132	-39	67	Toledo	150	-45	1184	111	207						
LA.Shreveport	36	-38	246	-27	83	Youngstown	156	-33	1190	93	192						
MAINE.Caribou	269	15	1995	36	32	OKLA.Okla City	80	-46	426	-87	15						

* Based on 1941-70 Normals. † Accumulation July 1, 1974



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