

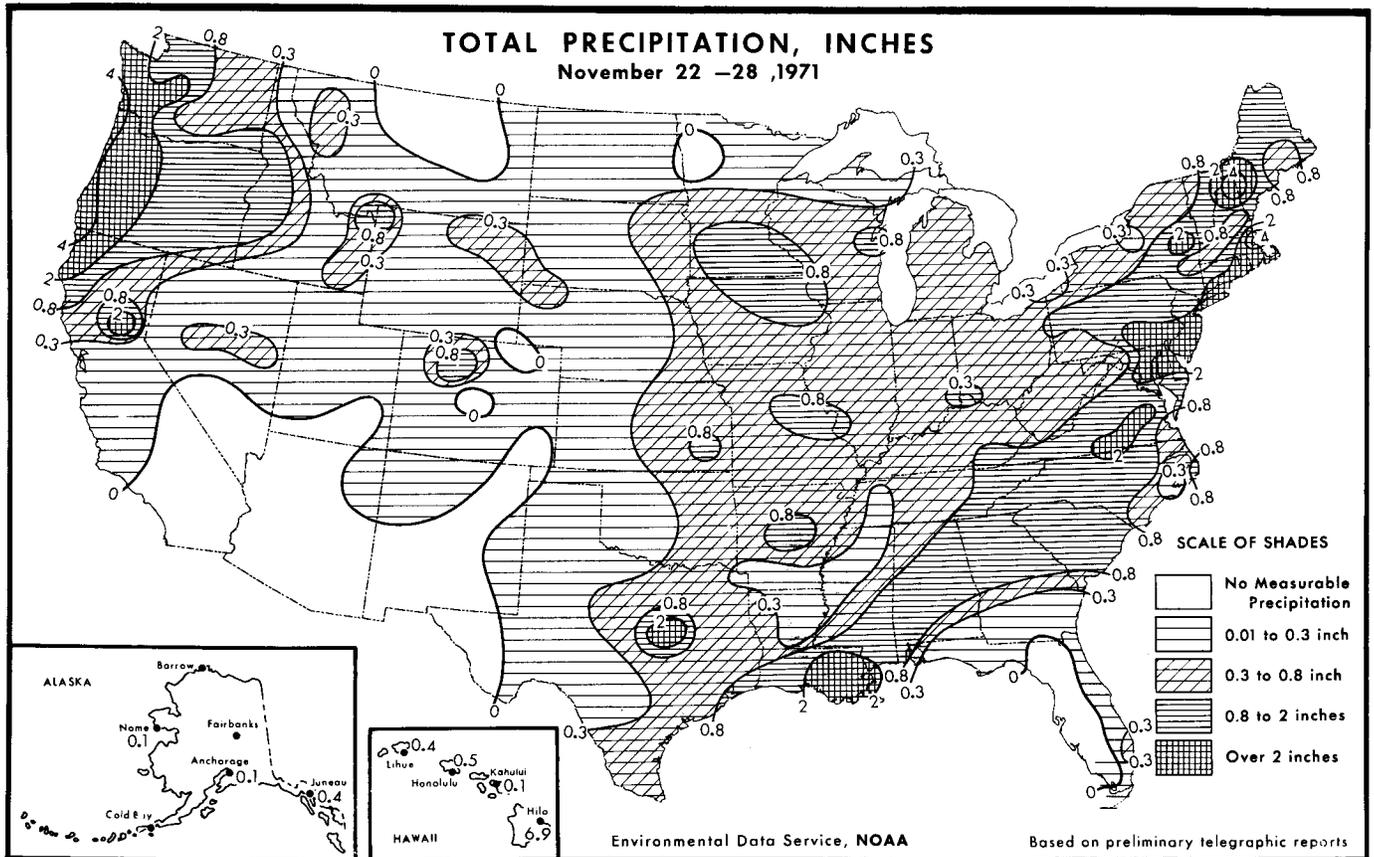
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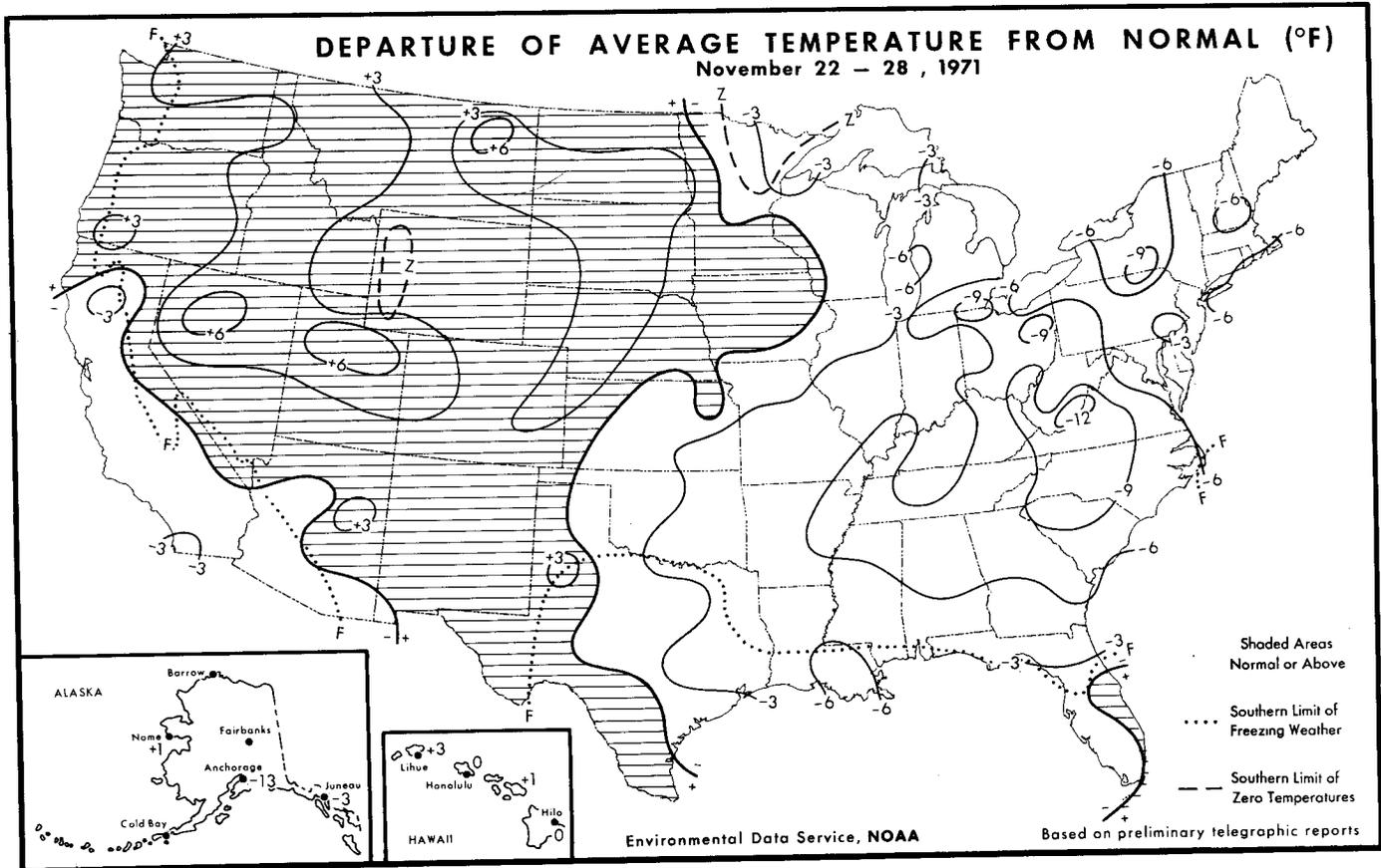


NATIONAL WEATHER SUMMARY

HIGHLIGHTS: The worst November storm in 21 years occurred last week over much of the Northeast. Snow, sleet, freezing rain, and strong gusty winds stopped highway use in some areas.

PRECIPITATION: A storm centered off the Washington coast brought rainy weather to the coast with light snow in the Cascades and the Rocky Mountains. A Low pressure area centered over the northern Great Plains early in the week produced light snow from the upper Mississippi River Valley to Oklahoma and Arkansas and rain and drizzle from the snow belt southward to the western portion of the Gulf coast. Snow accumulated to 4 inches in the Boston Mountains in northwestern Arkansas. Sleet and freezing rain iced the roads in the zone between the snow and rain areas and made driving hazardous. By Tuesday the snow had accumulated to 3 to 8 inches at some localities

in southeastern Kansas and northwestern Missouri and had spread eastward covering much of the eastern half of the Nation. By Wednesday, mid-America began to clear but a storm centered over South Carolina intensified as it moved northeastward along the coast. It dumped heavy snow over the Appalachians with rain and drizzle over the Southeast. A mixture of snow and ice covered portions of the upper Ohio River Valley and the central Appalachians. Heavy snow fell over New York, Pennsylvania, and western Maryland and by Thursday the storm was pounding New England. By midnight Thursday, the storm was centered over the Gulf of Maine and was headed toward New Brunswick, Canada, after having left 2 feet of snow in the highlands of the Northeast and 2.00 inches of rain in some coastal areas. The snow blocked highways stranding hundreds of automobiles. The storm total at Albany, N.Y., was 22.5 inches.



This is 8.4 inches more than had previously fallen at Albany from a single storm. As the weekend approached, rain and snow continued in the Pacific Northwest and a new storm was gathering strength in the central Great Plains.

A storm over southern Idaho intensified, moved to the Texas Panhandle, then turned north-eastward. By midnight Sunday, it was centered over southern Illinois. It produced snow and mixtures of snow, rain, and freezing rain.

Several inches of snow fell from Idaho and Montana across the northern and central Rocky Mountains, and the Great Plains, the Great Lakes region to the Northeast. Accumulations ranged mostly from 3 to 7 inches or more. Hundreds of cars became stranded in Pennsylvania, the Virginias, and Maryland.

TEMPERATURE: A High pressure area centered south of Lake Superior on Monday, November 22, brought clear cold weather to mid-America. The temperature at Hibbing, in northeastern Minnesota, plunged to 6° below zero Monday morning. Subfreezing weather occurred as far south as south-central Alabama where Montgomery registered 29°. The cold weather spread eastward and Tuesday morning the mercury at Toledo, Ohio, and Rochester, N.Y., tumbled to 5° and Elkins, W. Va., recorded 4°. A moderating trend occurred over mid-America at mid-week. On Thursday, Pueblo, Colo., registered 69°, Dodge City, Kans., 58°, and 55° occurred at several places. Topeka, Kans., Kansas City, Mo., and Ponca City and Tulsa, both in Oklahoma. Florida continued mild with temperatures reaching the 70's on most afternoons. The 60's and 70's were also common in the Far Southwest. Cold winter temperatures prevailed over the weekend over the eastern

half of the Nation. Weekly temperatures over the central Appalachians and nearby portions of the Piedmont averaged 9° to 12° below normal. Parts of the Great Basin averaged 4° to 7° warmer than normal.

L. W. Dye

SEVERE STORM OF NOVEMBER 22 to 28, 1950

The weather during the last week of November 1971 over the eastern 1/3 of the Nation reminds many climatologists of the severe storms in the last week of November 1950. From November 27 to 28, 1950, the Northeast experienced one of the worst storms of extra-tropical origin ever to occur anywhere in the United States. In New England and the eastern portions of the Middle Atlantic States, gale-force winds were accompanied by flood-producing rains. Unusually high tides swept the coastal areas. Severe glaze occurred in central Pennsylvania and snow accumulated to record depths in the Upper Ohio River Valley. This combination caused widespread damage and loss of life. The temperatures dropped to -2° in Alabama and to zero in Georgia. Hundreds of cars and trucks were stalled in western Pennsylvania where the snow plows were unable to keep the roads open. The total number of deaths resulting from the storm was estimated at 200 and the property damage caused by the snow, glaze, wind, severe cold, floods, and tides probably approached \$100 million.

L. W. Dye

NATIONAL AGRICULTURAL SUMMARY

AGRICULTURAL HIGHLIGHTS: First major snowstorm of season hampers crop harvest. * Many farmers settling down to routine winter work, as crop harvest nears completion. * Texas cotton harvest long way from finished.

SMALL GRAINS: Wheat prospects continue bright on the Great Plains. Most of the acreage received additional moisture as rain or snow during the week. The Kansas crop is growing well, but some leaf rust and brown mite damage are showing up. The greenbug infestation in southeast Nebraska is being controlled by the cold weather. Nebraska plant growth should be sufficient to prevent blowing during the winter - however, strong weekend winds did minor damage to wheat fields in eastern Colorado. Wheat acreage in South Dakota is protected from the wind by a blanket of snow. Good rains hit the Pacific Northwest -- lower elevation soils in Idaho are not frozen allowing for a good soakup of moisture. A few fields remain to be seeded in Oregon, while in California and Arizona planting is widespread.

In the eastern half of the Nation cold temperatures halted plant growth. Rains were a big boost to fall-sown grains in the South where most of the acreage is in only fair to good condition. Seeding of grains following cotton and soybeans harvest made little headway.

CORN: Wrapup operations were slowed by mud, rain and snow in the Corn Belt. Harvesting machinery was idle most of the week as the first major snowstorm of the year left fields impassable. Corn harvesting is well advanced throughout the Belt, with only scattered fields remaining to be picked. Storage space is still a major concern to many farmers and elevator operators. Some growers are not in a hurry to pick their last fields until they can locate or improvise storage.

Rains stymied harvesting activity along the Atlantic Seaboard. Storage facilities are also hard to find in some of these States. From 80% to 90% of the acreage is picked. Growers put the finishing touches on harvesting corn acreage from the Mississippi Delta States to Kentucky. Many farmers are finished picking corn and are concentrating on wrapping up their cotton and soybean harvests.

SOYBEANS: Most of the soybean acreage remaining for harvest is located in the south-central and Atlantic Coast States. Frequent rains kept combines parked a good portion of the week, so not many beans were combined. Harvest is running ahead of last fall's pace in many Southern States -- over 90% combined. However, wet fields are once again slowing activity from Maryland to the Carolinas. Only 75% of the Alabama crop is cut -- but storage facilities at the Port of Mobile improved.

Most soybean combines are already put away until next fall in the North-Central States. Only a few beans remain to be combined -- mostly in Kansas, Missouri, and around the Great Lakes.

COTTON: Cotton harvesting continues to move at a snail's pace in Texas. Texas growers were only able to pick about 3% of their crop during the

week. This totals only 33% of this year's crop ginned, drastically behind last fall's 83% picked. Picking fared much better west of Texas. Growers in California's Central Valley are picking their last fields. Arizona growers have 94% of the crop picked and ginned. Fields in both States are being disked promptly after harvest. Back in the East, picking continues ahead of 1970 in the Delta States -- over 90% of the acreage is picked. Rains returned to the Carolinas -- interrupting an already slow harvest season.

OTHER CROPS: Sorghum grain combining is nearing completion on the Great Plains, about 95% harvested. Only Oklahoma of the Great Plains States is lowering this average as wet conditions are plaguing harvest. California growers are cutting their last fields -- most of the grain from the San Joaquin Valley is going to dryers. Burley tobacco auctions opened Monday. Marketing is active in Virginia and Tennessee, but stripping is later than normal in Kentucky. Peanut digging is winding up in North Carolina and Virginia after a long, wet fall. Sugar beet factories are operating at peak capacity as they strive to process this year's crop. Some acreage was abandoned in the Red River Valley of North Dakota. All sugar-cane mills are operating in Florida. The Louisiana crop is 65% cut.

Fruits & Nuts: Irrigating of Florida citrus groves is increasing -- rain is needed. Tree condition and fruit color remain excellent. Florida orange shipments were slow due to the Thanksgiving embargo. Texas citrus supplies should increase in December. Clear skies aided the picking of lemons and grapefruit in Arizona. Lemon and tangerine picking continued in California. Pecan gathering is the big chore in most Southern orchards. Picking made little progress in Oklahoma, but made good headway in most other States.

Vegetables: Tomato shipments led the increasing volume of vegetables coming out of Florida. The weather was good for harvesting, but rain is needed. Pole bean harvest is on schedule. Supplies of vegetables will also be increasing during December from Arizona and Texas. Mild temperatures aided growth in both States. Celery supplies are tapering off from Salinas, California. Vegetable harvesting is generally over in the North, but some carrots, cabbage and cauliflower were still moving to market.

PASTURES AND LIVESTOCK: Hay and roughage feeding increased across the Nation. Freezing temperatures hitting as far south as Florida killed summer grasses from the Great Lakes to the Gulf of Mexico. Rains were beneficial to cool season grazing crops (winter pastures) that had been growing slow due to the dry fall. Many livestock herds are grazing in harvested corn and sorghum fields, volunteer wheat and fall seeded grain fields throughout the Midwest, but deep snow halted razing in some areas. Cold temperatures and snow throughout the Midwest, but deep snow halted grazing in some areas. Cold temperatures and snow made extra chores for stockmen in caring for their herds.

Steve J. Pscodna
Agricultural Statistician

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., November 28, 1971

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 . . .	42	- 8	. 9	0	New Orleans . . .	52	- 6	2.1	+1.3	OKLA.Okla. City . . .	41	- 3	.2	- .1
Mobile . . .	52	- 5	1.0	+ .1	Shreveport . . .	48	- 5	.6	- .4	Tulsa . . .	41	- 3	.6	+ .1
Montgomery . . .	46	- 6	1.6	+ .8	MAINE.Caribou . . .	22	- 4	1.6	+1.0	OREG.Astoria . . .	47	+ 2	4.1	+1.2
ALASKA.Anchorage . . .	6	-13	.1	- .1	Portland . . .	30	- 5	1.7	+ .7	Burns . . .	33	0	1.2	+ .9
Barrow . . .	-	-	T	- .1	MD.Baltimore . . .	38	- 4	2.5	+1.8	Medford . . .	43	+ 3	2.4	+1.8
Fairbanks . . .	-	-	-	-	MASS.Boston . . .	37	- 5	4.1	+3.2	Pendleton . . .	43	+ 5	1.8	+1.4
Juneau . . .	29	+ 3	.4	- .7	Chatham . . .	39	-	2.2	-	Portland . . .	45	+ 2	3.1	+1.6
Nome . . .	14	+ 1	.1	- .2	MICH.Alpena . . .	28	- 3	.5	0	Salem . . .	45	+ 2	3.7	+2.3
ARIZ.Flagstaff . . .	32	- 1	T	- .3	Detroit . . .	29	- 7	.3	- .3	PA.Allentown . . .	34	- 5	2.0	+1.1
Phoenix . . .	55	0	0	- .1	Flint . . .	30	- 3	.4	- .1	Erie . . .	32	- 4	.3	- .4
Tucson . . .	54	- 2	0	- .2	Grand Rapids . . .	30	- 4	.5	- .1	Harrisburg . . .	37	- 3	2.4	+1.7
Winslow . . .	42	+ 4	0	- .1	Houghton Lake . . .	26	- 4	.6	+ .1	Philadelphia . . .	39	- 2	2.4	+1.6
Yuma . . .	58	- 1	0	0	Lansing . . .	30	- 4	.5	0	Pittsburgh . . .	29	- 8	.8	+ .3
ARK.Fort Smith . . .	42	- 4	.7	0	Marquette . . .	28	- 2	.2	- .6	Scranton . . .	31	- 5	1.4	+ .7
Little Rock . . .	39	- 6	1.5	+ .5	Muskegon . . .	30	- 6	.4	- .3	R.I.Providence . . .	34	- 6	2.3	+1.2
CALIF.Bakersfield . . .	52	- 1	T	- .2	S.Ste.Marie . . .	26	- 3	.4	- .4	S.C.Charleston . . .	47	- 6	.8	+ .3
Eureka . . .	52	+ 1	2.2	+1.1	MINN.Duluth . . .	19	- 4	.2	- .2	Columbia . . .	42	- 9	1.3	+ .7
Fresno . . .	49	- 2	.1	- .2	Internatl Falls . . .	16	- 3	.1	- .2	Greenville . . .	38	-11	1.4	+ .7
Los Angeles . . .	59	- 2	0	- .4	St. Cloud . . .	27	+ 1	1.0	+ .7	S.DAK.Aberdeen . . .	29	+ 3	.4	+ .2
Red Bluff . . .	49	- 3	.7	+ .1	Rochester . . .	28	+ 2	.8	+ .4	Huron . . .	31	+ 5	.6	+ .5
San Diego . . .	57	- 4	T	- .2	St. Cloud . . .	23	- 2	.7	+ .4	Rapid City . . .	33	+ 2	.3	+ .3
San Francisco . . .	52	- 2	.2	- .2	MISS.Jackson . . .	46	- 6	1.4	- .6	Sioux Falls . . .	28	0	.4	+ .2
Stockton . . .	50	0	.2	- .2	Meridian . . .	46	- 5	1.8	+ .9	TENN.Chattanooga . . .	39	- 8	1.0	+ .1
COLO.Denver . . .	37	+ 2	T	- .1	MO.Columbia . . .	36	- 3	1.3	+ .8	Knoxville . . .	39	- 7	1.0	+ .1
Grand Junction . . .	38	+ 4	.1	- .1	Kansas City . . .	38	- 3	.3	- .1	Memphis . . .	41	- 6	.5	- .6
Pueblo . . .	40	+ 3	T	- .1	St. Louis . . .	35	- 5	1.0	+ .4	Nashville . . .	40	- 5	.7	- .1
CONN.Bridgeport . . .	39	- 3	2.4	+1.4	Springfield . . .	37	- 4	.8	- .2	TEX.Abilene . . .	49	- 1	.6	+ .4
Hartford . . .	33	- 5	1.3	+ .4	MONT.Billings . . .	33	+ 1	T	- .1	Amarillo . . .	42	0	T	- .1
D.C.Washington . . .	39	- 5	2.7	+2.0	Glasgow . . .	29	+ 6	T	- .1	Austin . . .	53	- 3	.5	0
FLA.Apalachicola . . .	56	- 3	.5	- .1	Great Falls . . .	35	+ 4	0	- .2	Beaumont . . .	53	- 5	1.3	+ .4
Ft. Myers . . .	67	0	T	- .3	Havre . . .	27	+ 2	0	- .1	Brownsville . . .	67	+ 1	.3	0
Jacksonville . . .	55	- 5	T	- .4	Helena . . .	32	+ 4	.2	+ .1	Corpus Christi . . .	62	0	.1	- .3
Key West . . .	73	0	T	- .6	Kalispell . . .	31	+ 3	.5	+ .2	Dallas . . .	49	- 3	.5	- .1
Lakeland . . .	63	- 2	T	- .3	Miles City . . .	33	+ 5	T	- .1	Del Rio . . .	58	+ 2	T	- .1
Miami . . .	71	0	T	- .6	Missoula . . .	30	+ 3	.6	+ .4	El Paso . . .	50	+ 2	0	- .1
Orlando . . .	65	+ 1	T	- .3	NEBR.Grand Island . . .	35	+ 2	.3	+ .2	Fort Worth . . .	50	- 1	.6	0
Tallahassee . . .	53	- 4	.2	- .5	Lincoln . . .	35	- 1	1.0	+ .8	Galveston . . .	58	- 2	1.8	+ .9
Tampa . . .	64	- 1	0	- .3	Norfolk . . .	32	+ 1	.4	+ .2	Houston . . .	53	- 3	.7	- .2
GA.Atlanta . . .	41	- 7	1.3	+ .5	North Platte . . .	35	+ 4	.1	0	Lubbock . . .	48	+ 3	.1	0
Augusta . . .	43	- 8	1.5	+ .9	Omaha . . .	33	0	.7	+ .4	Midland . . .	50	+ 1	.2	+ .1
Macon . . .	47	- 6	1.7	+1.0	Valentine . . .	34	+ 4	T	0	San Angelo . . .	50	- 2	.2	+ .1
Savannah . . .	48	- 7	.3	- .2	NEV.Ely . . .	34	+ 3	.3	+ .1	San Antonio . . .	58	+ 1	.1	- .2
HAWAII.Hilo . . .	73	0	6.9	+3.5	Las Vegas . . .	49	+ 1	0	- .1	Victoria . . .	58	- 2	.5	0
Honolulu . . .	75	0	.5	- .1	Reno . . .	39	+ 3	T	- .1	Waco . . .	51	- 3	.8	+ .3
Kahului . . .	75	+ 1	.1	-1.8	Winnemucca . . .	40	+ 7	.3	+ .1	Wichita Falls . . .	46	- 3	.3	0
Lihue . . .	77	+ 3	.4	- .7	N.H.Concord . . .	28	- 6	.7	- .1	UTAH.Blanding . . .	34	- 1	T	- .2
IDAHO.Boise . . .	40	+ 4	1.3	+1.0	N.J.Atlantic City . . .	39	- 5	3.2	+2.3	Salt Lake City . . .	40	+ 7	.2	- .1
Lewiston . . .	40	+ 3	1.1	+ .8	Trenton . . .	38	- 5	2.3	+1.6	VT.Burlington . . .	26	- 5	.7	+ .1
Pocatello . . .	34	+ 2	.3	+ .1	N.MEX.Albuquerque . . .	41	+ 1	T	- .1	VA.Lynchburg . . .	33	-11	1.6	+1.0
ILL.Cairo . . .	38	- 6	.6	- .3	Roswell . . .	46	+ 3	0	- .1	Norfolk . . .	43	- 6	.8	+ .1
Chicago . . .	33	- 2	.3	- .2	N.Y.Albany . . .	30	- 5	2.1	+1.5	Richmond . . .	38	- 7	2.1	+1.3
Moline . . .	33	- 1	.6	+ .2	Binghamton . . .	25	- 9	.9	+ .3	Roanoke . . .	32	-11	1.1	+ .5
Peoria . . .	32	- 3	.6	+ .1	Buffalo . . .	30	- 5	.5	- .5	WASH.Colville . . .	35	+ 4	.3	- .2
Rockford . . .	31	- 2	.7	+ .2	New York . . .	38	- 6	1.4	+ .6	Omak . . .	34	+ 3	.5	+ .2
Springfield . . .	33	- 4	.7	+ .2	Rochester . . .	29	- 7	.5	- .1	Quillayute . . .	44	+ 1	3.5	- .2
IND.Evansville . . .	35	- 6	.6	- .1	Syracuse . . .	29	- 8	.3	- .4	Seattle-Tacoma . . .	45	+ 3	1.8	+ .5
Fort Wayne . . .	30	- 5	.4	- .2	N.C.Asheville . . .	35	- 9	1.1	+ .6	Spokane . . .	34	+ 1	.6	0
Indianapolis . . .	32	- 5	.4	- .4	Charlotte . . .	38	-10	1.7	+1.1	Walla Walla . . .	46	+ 6	1.6	+1.2
South Bend . . .	27	- 8	.5	- .1	Greensboro . . .	35	-10	1.9	+1.2	Yakima . . .	36	+ 1	.6	+ .3
IOWA.Burlington . . .	32	- 2	.6	+ .2	Hatteras . . .	48	- 6	.9	- .1	W.VA.Beckley . . .	27	-12	.7	0
Des Moines . . .	33	+ 1	.6	+ .2	Raleigh . . .	38	- 9	1.4	+ .7	Charleston . . .	34	- 8	.6	0
Dubuque . . .	30	0	1.2	+ .6	Wilmington . . .	46	- 7	.7	+ .1	Huntington . . .	31	-11	.7	0
Sioux City . . .	32	0	.6	+ .4	N.DAK.Bismarck . . .	29	+ 5	T	- .1	Parkersburg . . .	32	- 9	.8	+ .2
KANS.Concordia . . .	36	- 2	.7	+ .5	Fargo . . .	26	+ 4	T	- .2	WIS.Green Bay . . .	28	- 2	1.3	+ .9
Dodge City . . .	38	+ 1	.1	0	Williston . . .	26	+ 3	T	- .1	La Crosse . . .	30	+ 1	.6	+ .2
Goodland . . .	38	+ 3	.2	+ .1	OHIO.Akron-Canton . . .	28	- 9	.5	0	Madison . . .	28	- 1	.5	0
Topeka . . .	40	+ 1	.5	+ .2	Cincinnati . . .	33	- 8	.3	- .6	Milwaukee . . .	30	- 2	.7	+ .2
Wichita . . .	37	- 3	.4	+ .1	Cleveland . . .	33	- 4	.3	- .3	WYO.Casper . . .	32	+ 2	.2	+ .1
KY.Lexington . . .	35	- 6	.5	- .3	Columbus . . .	30	- 8	.3	- .3	Cheyenne . . .	34	+ 2	T	- .1
Louisville . . .	36	- 5	.7	- .1	Dayton . . .	33	- 5	.3	- .4	Lander . . .	29	+ 2	T	- .1
LA.Baton Rouge . . .	50	- 7	2.1	+1.0	Toledo . . .	25	-10	.3	- .2	Sheridan . . .	32	+ 2	.3	+ .1
Lake Charles . . .	53	- 4	.8	- .3	Youngstown . . .	28	- 8	1.0	+ .3	P.R. San Juan . . .	80	+ 2	.9	- .5

* Departures are from 30-year means (1931-60). Based on preliminary reports

CONDENSED STATE SUMMARIES

These summaries provide brief descriptions of condition and activities important on a national scale. Detailed reports of crop and weather conditions during the growing season are contained in State issues of Weekly Weather and Crop Bulletins published by field offices of the Statistical Reporting Service, U.S.D.A. in cooperation with NOAA Climatologists.

ALABAMA: Considerable cloudiness and cold much of the week. General rains Tuesday and Sunday, some light scattered rain on 3 other days. Rainfall ranged from 0.50 inch in extreme north to more than 4.00 inches in extreme southeast, most sections averaging near 1.00 inch. Temperatures colder than normal but freezing temperatures only in northern sections. Rain slowed harvest remaining crops, but provided needed moisture for small grains and winter grazing. Cotton harvest about 90% complete, slightly ahead last year. Gleanings completed many fields. Corn harvest 88% finished, slightly behind year ago. Storage short on many farms and producers reluctant to sell at depressed prices. Harvest soybeans about 75% complete, 68% year ago. Storage situation improved Port of Mobile. Seeding small grains 90% complete. Pecan harvest making good progress. Pastures supplying short to adequate grazing, but quality grass poor. Many stockmen feeding.

ARIZONA: Temperatures near normal most of State. Skies clear most of week with widely scattered showers at higher elevations north Sunday. However, most precipitation amounts were too small to measure. About 94% cotton crop picked and ginned. Harvest at rapid pace with residue disposal following promptly after harvest. Some yields reduced by pink bollworm damage. Sorghum harvest active, nearing completion southeast. Land preparation and planting small grains continue. Warm weather aided growth new alfalfa fields. Sheep moved into alfalfa fields Yuma and central areas. Fall lettuce harvest active Salt River Valley area, Pima and Pinal Counties. Winter lettuce harvest volume increasing Yuma. Lemon harvest full swing and grapefruit harvest increasing Yuma. Navel, sweet, lemon, grapefruit, and tangerine harvest continued Salt River Valley. Range conditions fair to good. Higher elevation ranges continue to deteriorate. Lower elevation and desert ranges generally adequate. Limited supplemental feeding. Stockwater generally adequate. Lambing near completion.

ARKANSAS: First major snowstorm of season November 22. Falls of 2.00 to 6.50 inches northern 2/3 of State, heaviest fall of 9.00 inches at Mountain View Forest Service Station in Stone County, north-central Arkansas. Precipitation in range from about 0.33 inch to slightly over 1.50 inch with heaviest falls through central and north-central, least in extreme southwest corner. Precipitation occurred early in week and at weekend. Largest amount at Morrilton with 1.52 inches. Least at Texarkana with 0.35 inch. Temperatures averaged 4° to 10° below normal. Highest 67° Texarkana on 28th. Lowest 22° at Calico Rock on 25th. Rain and snow slowed fieldwork. Harvest nearing completion. Cotton about 98% picked. Soybeans 95% cut. Seedings winter grains limited progress Delta. Moisture beneficial to fall seedings. Livestock mostly on hay and other roughage. Pastures very short.

CALIFORNIA: Average temperatures again below normal, greatest negative departures on south coast, low desert. Northeastern interior, mountains slightly above normal. Light rain north Friday, spread to central part of State weekend. Ground

preparation, planting small grains throughout the State. Cotton picking final stages San Joaquin Valley; fields shredded. Disked as soon as picked. Milo harvest final stages San Joaquin-Sacramento Valleys; most grain San Joaquin Valley going to dryers. Digging sugar beets continues most areas. Land preparation, seeding alfalfa underway some areas central valley. Virtually all harvest activities ended. Some walnuts to be delivered. Few table grapes to wineries. Almond deliveries well along. Harvest navel orange crops continued slow--large crop expected. Picking lemons, tangerines continued. Rainfall beneficial to northern and coastal districts. More needed San Joaquin and southern districts. Supplemental feeding continues. Marking lambs underway. Artichoke harvest light. Broccoli, cauliflower Salinas, Santa Maria light. Carrot digging central coast moderately active. Orange-Oxnard celery expect increase this week. Salinas and Santa Maria good volume, declining. Sweet corn, southern California very light. Palo Verde lettuce increasing. Bakersfield harvesting active, though declining. Bell pepper harvesting very light. Southern California potatoes moderate. Tule-Lake complete. Oxnard-Chula Vista tomatoes declining.

COLORADO: Wide temperature variations and periods high winds east portion from successive frontal passages. Temperatures near or below normal mountains and west. Light to moderately heavy snow mountains and west. Light rain or snow southeast. Generally favorable weather. Corn and sorghum grain harvest nearing completion. High moisture in grain causing delay. Topsoil moisture generally adequate for winter wheat growth. Strong wind on weekend eastern plains. Minor damage to winter wheat. Winter wheat and barley condition good to excellent. Limited acreage fall seed grains providing pasture. Range and pasture conditions generally fair. Livestock condition good.

FLORIDA: Temperatures averaged 2° to 4° below normal northern sections, becoming near normal southern sections. Cold air 20th accompanied by light showers brought minimum temperatures in the 30's and 40's to northern sections on 21st and 22d. Warming trend throughout State during mid-week followed by cooler air on weekend. Thunderstorm activity on Sunday, the 28th, dropped 2.25 inches at Gainesville. Otherwise, rainfall sparse with an average of 0.20 inch reported for the Panhandle, 0.10 inch north Florida, and only scattered showers elsewhere. Soybean harvest nearly complete, cotton continues. All sugar mills grinding sugarcane. Pastures decline accelerated by inadequate moisture. Temporary pastures too short for grazing. Supplemental feeding increased. Most livestock good. Citrus trees and fruit excellent condition. Rain needed. Irrigation increasing. Excellent color on early oranges and grapefruit. Harvest slower due Thanksgiving embargo. Rail and truck shipments vegetables increased. Tomatoes biggest volume with 438 carlots. Weather generally favorable for harvesting. Irrigation required some areas. Pole beans good, harvest on schedule. Cabbage seeding and transplanting active.

GEORGIA: Cold and wet much of week. Rain Tuesday night, Wednesday, Friday night, and Sunday night. Amounts ranged from light extreme southeast to heavy most of remainder of State. Some totals over 3 inches. Freezing rain and glaze extreme north Wednesday but damage light. Coldest week of fall with freezing on 3 to 5 mornings in north and 1 to 3 mornings most of south. Averages ranged from 2° to 7° below normal. Soil moisture adequate. Fall harvest remains active. Small grains, pastures, and livestock fair to good condition. Land preparation and fall seeding nearing completion.

HAWAII: Moderate to heavy showers Hawaii and Oahu but light Maui and Kauai. Growing conditions generally favorable, but cool weather slowing growth and maturity tender crops. Sugarcane harvesting declining seasonally. Thirteen of 23 sugar mills completed 1971 grinding. Production above same period last year. Planting pineapples continues when weather permits. Condition pastures improving, cattle fair to good condition.

IDAHO: Temperatures for week averaged slightly above normal with little trend. Precipitation latter part of week was well above normal and heaviest southwest Idaho and west portion of south-central Idaho. Gooding recorded 0.83 inch for greatest total reported. The average over these areas amounted to 0.50 inch with snow above about 5,000 feet. Precipitation mostly light elsewhere. Livestock pens muddy in south, putting some stress on cattle. Hay feeding stepped up. All fieldwork stopped. Most soils lower elevations unfrozen allowing good soak up of rains. Sugar beet harvest completed. Sugar factories operating at peak. Potato and onion sorting and hauling full progress.

ILLINOIS: Cloudy, cool, and wet week with temperatures mostly 2° to 4° below normal. General precipitation Tuesday, Thursday, and Sunday. Snowfall 1.00 to 2.00 inches on Tuesday and on Sunday 1.00 to 3.00 inches in northern 1/3. Some corn remains to be harvested, few areas. Rain and snow slowed fieldwork some areas. Fall-seeded small grains good to fair, pastures fair. Livestock good condition. Main activities harvesting corn, shredding stalks, plowing, applying fertilizer. Soil moisture short to adequate.

INDIANA: Cold cloudy period with some snow. Temperatures averaged low to mid-30's, 2° to 8° subnormal. Cold early in week lowered temperatures to teens and lower 20's, 12° coldest at South Bend. Light snow 1.00 to 2.00 inches briefly throughout State at midweek and late in weekend. Precipitation totals for week 0.40 to 0.60 inch. Four-week precipitation totals lag normal 1.30 to 2.10 inches. Greatest snow depth 5 inches at South Bend on 22d. Fall harvest near completion. Five days suitable fieldwork. Plowing, preparing for winter active. Corn harvest 90% complete, same as last year, ahead 70% average. Storage problems on farms and elevators continue many areas. Soybean harvest mostly complete, ahead 85% last year's slow harvest season. Grain sorghum harvest 90% complete, same as year ago. Winter wheat crop emerged. Stands rated mostly good to excellent. Pastures mostly fair. Topsoil, subsoil moisture rated short to mostly adequate. Fall plowing for spring crops 35% complete.

IOWA: Cloudy wet week with seasonal temperatures. Precipitation averaged about twice normal falling mostly as snow on 23d and 28th, 29th. Snow cover at the weekend varied from 2 to 9 inches.

KANSAS: Cloudy cool weather prevailed. Wide-spread precipitation early and late in week. Heavy wet snow parts southeast and north-central, locally 6 inches or more. Precipitation totals 0.25 to 1.00 inch north-central and southeast, generally 0.10 to 0.75 inch elsewhere. Temperatures averaged above normal northwest, near to 3° below seasonal elsewhere. Wet weather limited harvest progress, but most crops in late stages. Sorghum grain 90% complete, 95% last year, average 92%. Some lodging sorghums not yet harvested. Corn 94% picked, same as last year, average 86%. Soybean combining 93%, 91% last year, range 91% to 100% since 1961. Wheat received additional moisture and growing well. Slight leaf rust and brown mite damage. Wet weather and storms limited grazing and caused extra supplemental feeding livestock. Small grain and harvest residue provided pasture where dry. Few more cattle moved in.

KENTUCKY: Temperatures below normal most days, averaging 5° to 10° below normal for the week. Sunny 22d, mostly cloudy balance. Precipitation 5 days, totaling 0.22 to 0.75 inch. Snow on 23d and 24th; depth, trace to 4 inches. Corn and soybean harvest nearing completion. Early tobacco auctions open with strong prices--mostly \$4 to \$5 above last year. Stripping later than normal, but high humidity now bringing tobacco into case. Early delivered burley lighter weight than expected, but crop good quality. Most fall grains and fall pastures good, but soil moisture becoming short. Livestock good to excellent condition.

LOUISIANA: Temperatures average 1° to 5° below normals. Extremes: 75° Lake Charles Saturday and Sunday, 25° Winnfield Thursday. Light to moderate rain Monday and Tuesday with sleet several places. Moderate to heavy thundershowers Sunday. Weekly totals from less than 0.50 inch to more than 2.00 inches. Heaviest rains in southeast third. Greatest 1-day total was 2.54 inches measured at downtown New Orleans 6 a.m. Monday morning. Extreme moisture hampered fieldwork early week north and other scattered areas, but harvest neared completion for most crops. Cotton 85% picked, soybeans 95%, sugarcane 65%. Pecan harvest in full swing north, nearing completion south. Winter wheat and oats mostly poor to fair, but improving after recent rain. Pasture feed about average. Livestock fair to good, some unusual losses reported from toxic fungus in grass and hay northeast.

MARYLAND AND DELAWARE: Cold and wet. Temperatures averaged 4° below normal except up to 9° below normal in west. Extremes 40's and mid-50's, teens and 20's, except -5° to 12° in western Garrett County. Precipitation heavy on 24th and 25th, 1.25 to 3.00 inches, with rain in east and south, snow in north and west. Snowfall 8 to 15 inches from Carroll County westward; heaviest 23 inches at Catoctin Mountain Park. Some light precipitation on 27th. Fieldwork again at standstill. Soybeans chief crop with unharvested acreage. Extra work required for livestock care where snowfall heavy.

MICHIGAN: Unseasonably cold early, warming to seasonal weather by midweek. Intermittent rain, snow throughout period. Heavy snow, 3 to 5 inches south, late in week. Temperature averages: 1° to 2° below normal in Upper Peninsula, 2° to 7° below normal Lower Peninsula. Precipitation totals: 0.20 to 0.40 inch Upper Peninsula, 0.30 to 0.75 inch Lower Peninsula. Smallest amounts southeast.

MINNESOTA: Temperatures: Averages varied from 4° above normal northwest to 4° below normal northeast. Temperatures close to normal rest of State. Extremes: 45°, -8°. Precipitation: Northern 1/3 below normal; southern 2/3 well above normal. 1.09 inches at Redwood Falls and 1.02 inches at Minneapolis. Snow depth: Generally more than 3 inches across State except northwest has very little on ground. Snow depth across central districts averaged 7 to 12 inches.

MISSISSIPPI: Temperature averages ranged from slightly below normal Upper Delta to 4° to 8° below normal elsewhere. Weekly extremes: 73° at Merrill on 21st, 19° at Oxford on 22d. On 23d, several stations in north reported light snow, sleet, and freezing rain. Weekly rainfall totals averaged less than 0.50 inch with widespread showers mostly on 2 days. Over weekend temperatures rose and some rain occurred Sunday with this Monday morning totals ranging up to 3.41 inches at Columbia. Soil moisture short south-central and southeast, very short north-central, adequate southwest, other areas short to adequate. Average 5 days suitable fieldwork. Corn 96%, cotton 95%, soybeans 94% and pecans 62% harvested. Hay and roughage and feed grain supplies stored on farms mostly adequate. Winter wheat and oats mostly fair to good condition. Pastures mostly poor, livestock mostly good condition.

MISSOURI: A cool damp week. Temperatures averaged 2° below normal. Cool early in week with slight warming trend over weekend. Snow storm on Wednesday, November 24, brought 2 to 4 inches of wet snow to eastern 2/3 of the State; with another 4 to 7 inches of wet snow falling in central Missouri on Sunday, November 28. Precipitation averaged from 0.25 inch west to over 1.00 inch east.

MONTANA: Temperatures slightly above seasonal normal with daytime temperatures in 30's and 40's and nighttime minimums in teens and 20's. Frequent snows in mountains, no precipitation elsewhere. Topsoil moisture adequate eastern division, short to adequate elsewhere. Winter wheat generally good condition. Sugar beet lifting completed, but frozen, wet fields slowed harvest. Several fields may not be harvested. 40% range cattle and sheep receiving some type supplemental feed. Shrinkage range livestock normal. Calves and lambs weaned somewhat lighter than average.

NEBRASKA: Cloudy and mild with frequent light precipitation. General snow of 2 to 7 inches southeast of Grand Island-Norfolk line over weekend. Harvesting slowed by muddy conditions, rain, and snow. Corn harvest advanced 1% to 95% completed, compared 90% normally harvested. Sorghum harvest about 99% completed, with only small acreages yet to be harvested. Soybean harvest virtually over. Winter wheat condition improved slightly. Plant growth should generally be sufficient to prevent blowing during the winter. Greenbug infestation southeast counties being controlled by cold weather. Livestock remain good condition and were gleaning harvested

fields. Field stubble adequate most areas to maintain cattle. Snow received southeast over weekend will limit forage availability and increase supplemental feeding. Mud problems exist feedlots with poor drainage.

NEVADA: Temperatures averaged 3° above normal in north, near normal in south. Light to moderate precipitation in north, none in south, light snowfall in north. Cotton harvest Pahrump Valley making favorable progress. Vegetable harvest limited acreage Moapa Valley continues. Harvest greenhouse tomatoes underway southern Nevada. Range feed and livestock generally good condition. Stockwater and feed supplies adequate.

NEW ENGLAND: Cold and wet with a major Thanksgiving Day storm. Temperatures averaged mostly 1° to 4° below normal. Many readings in single numbers on 24th with a -1° at Cavendish, Vt. Holiday snowfall mostly 8 to 20 inches inland but tapering to near 4 inches along coastal Maine and to all rain over Cape Cod and extreme southern coast. Storm continued into next day in northern Maine. Traffic hampered by snow inland and by flooding from heavy rain in southeast coastal areas. Total precipitation for week mostly 1.00 to 3.00 inches, with heaviest in southeast. Total snowfall for week ranged up to over 2 feet locally in hills of northwestern Connecticut and northward through Vermont.

NEW JERSEY: Temperatures averaged 1° or 2° below normal with afternoon readings varying from mid-30's to low 50's. Overnight low temperatures ranged from low 20's to near 40°. Heavy precipitation on Thanksgiving Day was followed by a general rain Saturday. Weekly totals averaged 1.50 inches over northern third of State and 2.50 inches elsewhere. Up to 10 inches of snow fell over northwestern counties Thursday.

NEW MEXICO: Scattered light showers north half early in week, more general light showers in north half on weekend. Temperatures averaged nearly five degrees above normal east and near to slightly above normal elsewhere. Warmest days midweek. Moisture short to mostly adequate. Sorghum grain harvest active, but near end. Cotton picking continues. Pecan harvest underway. Ranges fair to good, livestock good.

NEW YORK: Coastal storm on 24th and 25th produced near record November snowfall in southeast interior; heaviest 20 to 25 inches within 30 mile radius of Albany with 12 to 18 inches from Catskills to southeastern Adirondacks, amount decreasing to 6 to 10 inches central interior and 1 to 3 inches St. Lawrence Valley and near Lake Erie. Mostly rain coastal sections as liquid precipitation 1.20 to 1.70 inches extended to heavy snow area.

NORTH CAROLINA: Cold throughout period, temperatures averaging 8° to 10° below normal. Highest in 50's, lowest in 20's most areas. Upper mountains dropped to near 10° one or more mornings, remained below freezing around clock at high elevations 22d and 23d. Precipitation 24th and 27th with totals averaging near 1.00 inch. Mostly rain but some snow and sleet mountains and Northern Piedmont with accumulations 1 to 6 inches highest elevations. Soil moisture increased. Some surplus reported, especially Piedmont. Average 2.5 days suited fieldwork. Crop harvests very active -- corn about 82% complete, soybeans 48%, cotton, 70% to 75%, sorghum grain 75%,

peanuts 98% threshed. Small grains 72% seeded condition mostly fair to good. Pasture condition unchanged mostly good. Labor supply adequate for demand.

NORTH DAKOTA: Temperatures averaged 1° above normal southeast to 6° above normal northwest. Change to colder midweek. Mostly fair weather first half of week. Occasional snow flurries last half. Snow accumulation light to 4 inches southeast. Harvesting corn, soybeans, sunflowers virtually complete. Few sugar beet fields abandoned Red River Valley and western counties. Feed and roughage supplies adequate. Cattle remain good condition.

OHIO: A cold week with temperatures 7° to 9° below normal. Precipitation widespread on 23d., 24th, 26th, and 27th. Snow fell on 24th and 27th. Sunshine only on 22d and 25th. Crop harvesting completed most localities. Pasture conditions good most areas State. Farmer activities include repairing, building and caring for livestock.

OKLAHOMA: Precipitation averaged from 0.30 to 0.70 inches. Snowfall much northeast half of State on 22d varied from trace to 8 inches, heavier northeast climatological district. Temperatures averaged 1° to 5° below normal. Sorghum grain harvest delayed by damp wet weather, harvest 83% completed versus 93% year ago. Cotton harvest moving slowly, slightly less than 1/5 harvested, 3/5 year earlier. Peanut harvest in wrap-up stage about 95% completed. Pecan harvest made little headway, only 1/3 completed. Surface moisture adequate nearly all areas, subsoil moisture 9/10 adequate. Small grains good to excellent condition. Livestock making favorable gains from lush growth. Winter annuals also furnishing favorable grazing. Most livestock good to excellent condition. Supplemental feeding few scattered eastern localities.

OREGON: Mild wet week with coolest mornings midweek and wettest days at close. Slight cooling trend averaged temperatures mostly 1° to 3° above normal, some 5° to 7° above normal south-central. Minima 14° to 31° east, 32° to 45° west. Maxima 47° to 70°. Rain on 3 to 7 days totaled mostly 0.20 to 0.40 inch east side with 0.50 to 1.00 inch north-central. Cascades and west side mostly 2.00 to 3.40 inches. Light snow cover at close of week in mountains and east side mostly above 3,500 feet elevation. Farm activities near standstill due heavy rains received late week. Most fall seeding complete. Farm chores main activity.

PENNSYLVANIA: Cold, wet week. Arctic air early in week kept maxima in 20's and 30's with snow flurries west and north. Minima in teens and 20's with -1° at Bradford. Major storm midweek produced moderate to heavy snow in all but southeast and northwest corners. Heavy rains southeast. Over 12 inches snow south-central mountains, 20 to 25 inches Poconos. Major throughways closed in northeast Wednesday night. Slightly milder over weekend with light rain and snow Saturday. Weekly temperatures 2° to 4° below normal southeast, 4° to 8° below elsewhere. Total precipitation over 2.50 inches much of southeast, 1.00 to 2.00 inches central and northeast, 0.5 to 1.00 inch northwest. Snowdepths Monday morning 2 to 4 inches south central mountains, 3 to 6 inches north-central and 4 to 8 inches northeast. Wet and snow-covered fields prevented late fall harvesting operations.

PUERTO RICO: Dry cool week. Rainfall averaged only 0.40 inch or about 1.50 inches below normal. Highest weekly total only 1.16 inches in western Cordilleras. No rain western and central interior sections. Crop moisture near normal all divisions. Temperatures averaged 76° to 77° on coast and 70°-71° interior division with average departure of 1.9° below normal. Highest maximum, 90°; lowest minimum 54°. Dry weather favorable for maturing sugarcane crop. Coffee plantations good progress harvesting and drying operations. Pastures generally good to excellent islandwide with some fertilizing. Minor crops generally good abundance with good progress all field operations.

SOUTH CAROLINA: Temperatures averaged 6° to 7° below normal in northwest and 3° to 4° below normal in south. Rain 23d changed to a mixture of rain, sleet, and snow in northwest. Trees, shrubs, and roads had a coating of ice and snow early on 24th. Partly cloudy and cold remainder of week. Total precipitation ranged from 0.50 inch in the south to 1.50 inches in northwest. Cotton 88% harvested. Soybean crop mature, 41% harvested. Sorghum 85%, corn 95% harvested. Pecan condition fair. Pasture condition good. 94% winter grazing seeded, 89% emerged. Wheat 63% planted, 45% emerged. Oats 78% in, 58% emerged. Condition wheat and oats good to excellent. Fall vegetables good to excellent.

SOUTH DAKOTA: Weekly temperatures averaged from near normal to 4° above normal. Extremes: 10° at Brookings and Milbank on 27th to 55° at Edgemont on 23d. Precipitation fell as rain and snow beginning of week and rain or freezing rain changing to snow last half. Totals ranged from less than 0.10 inch portions lower elevations west to over 0.50 inch east. Snowfall ranged from trace in portions lower elevations west to 7.00 inches or more east. Soil moisture conditions good going into winter. Some areas reported as best in long time. Snow cover most of the State giving protection to fall-seeded grains. Main farm activities include feeding livestock, some moving of haystacks, and repairing fences and sheds. Livestock generally good condition.

TENNESSEE: Second major cold spell of season dropped temperatures into lower 20's November 22nd and 23rd. 1 inch snowfall November 24 northwest. Warmup with rain over weekend. Totals ranged from about 0.25 to 1.00 inch. Farmers mostly settling down to routine winter work as crop harvest nearing completion. Burley tobacco sales underway with prices and quality good. Tobacco 85% stripped. Corn 95% harvested. Soybeans 90% combined, 70% year earlier. Cotton 90% picked, 75% last year. Pastures above average condition. Small grains making good growth. Days favorable for field work averaged 4.0. Reported soil moisture supplies, 77% adequate, 14% short, and 9% surplus.

TEXAS: Little or no precipitation fell during week. Cool cloudy weather prevailed first half of week with mostly sunny skies and warmer temperatures latter half. Wet weather interfered with cotton, sorghum, soybeans, peanut harvest. Moisture helped early-planted wheat, oats. Grazing wheat and oats good to excellent. Percent harvested major crops; cotton 33, 83 last year; sorghum 95, 100 last year; peanuts 94, 95 last year; soybeans 85, 94 last year. Percent planted wheat 99, 97 last year; oats 98, 100 last year; flaxseed 56, 76 last year. Harvest fall peppers, cucumbers past

peak South Texas, but moderate supplies available. Fall tomato harvest continues. Moderate cabbage harvest Lower Valley. Winter Garden light supplies carrots. Broccoli, cauliflower harvest underway. Winter Garden cutting spinach. Lettuce harvest underway Winter Garden, starts soon Lower Valley. Supplies winter vegetables will increase in December. Planting winter vegetables, spring onions nearing completion. High Plains carrot digging continues. Citrus harvest fairly active with shipments expected to increase in December. Pecan harvest 64%, 69% last year.

UTAH: Fair and mild weather persisted much of last week, but a storm swept across much of north and west over weekend, dropping moderate to heavy precipitation over and near the mountains, but generally light to moderate amounts in the valleys. Temperatures averaged near to a little below normal, with a falling trend over the weekend. Good weather enabled farmers to virtually complete sugar beet harvest. Weekend storm will delay completion little longer. Sugar factories operating at peak. Grading, sorting and marketing dry onions, potatoes, and apples from storage in full progress. Apple cider being processed Utah County. Turkey processing resumed, after Thanksgiving week slowdown, will continue at near peak level to completion about mid-December. Care and feeding cattle and lambs in feedlots and on valley farms, dairy cattle, and poultry flocks major activity.

VIRGINIA: Temperatures below normal to much below normal. Heavy precipitation at midweek with snow in the west and north and light precipitation mostly as rain Saturday. Fieldwork stopped Wednesday. Corn 85% harvested, soybeans 70%. Peanuts in windup stage. Burley tobacco marketing active. Dark fired leaf being prepared for market. Late seeding wheat and rye active before rain and snow. Livestock going into winter in good condition. Feed supplies mostly adequate. Farmwork turning to winter chores - including snow removal, livestock feeding, wood cutting, and butchering.

WASHINGTON: Western Washington: Average temperatures two degrees above normal. Precipitation almost every day with total amounts between 1.00 and 2.00 inches. Snowed in Cascades with depths

over weekend ranging from 30 to 80 inches. Nearly all fieldwork stopped and emphasis on maintenance and repair of machinery. Cutting Christmas trees for out-of-State shipment continues. Cutting evergreen greenery and holly progressing well with holly in good supply and condition. Eastern Washington: Average temperatures 3° to 6° above normal. Most precipitation occurred last half of week with a few snow showers in some areas. Fertilizing, rodent control, and old tree removal and pruning, and weed spraying major activities. Equipment maintenance and repair increasing. Fall tillage completed. With increased rain, chance of erosion many southeastern counties.

WEST VIRGINIA: Daylong snowfall November 24 covered state with 3 to 5 inches but 12 to 14 inches in mountains and eastern sections. Light rain November 26 and 27 washed away most of snow in lower elevations. Heavier rain began morning of November 29. Supplemental feeding livestock increased due colder weather. Tobacco receipts light due dry weather. Corn harvest practically complete.

WISCONSIN: Week of cloudy damp weather. First major snowstorms of season on Friday and again Sunday. Up to 12 inches of snow across central Wisconsin. Corn harvest hampered by inclement weather. About 15% to 20% crop unharvested. Soybeans nearly all combined. Christmas trees being shipped out. Winter resorts getting ready. Snow depths at end of period range between 2 inches in extreme south and north with about 10 inches across central counties.

WYOMING: Light to moderate snows occurred over much of State, Bondurant most moisture with 0.70 inch. Temperatures averaged near to above normal, largest positive departures over north. Maxima were mostly 40's west of Divide and Upper Platte Drainage, mid-40's to low 60's elsewhere. Minima were mostly -5° to 15° west of Divide, 5° to 25° east. Temperature extremes were 61° at Torrington and Sheridan and -5° at Big Piney. Both ranges and livestock in good condition. Storms forced some supplemental feeding earlier than expected, feed supplies excellent.

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