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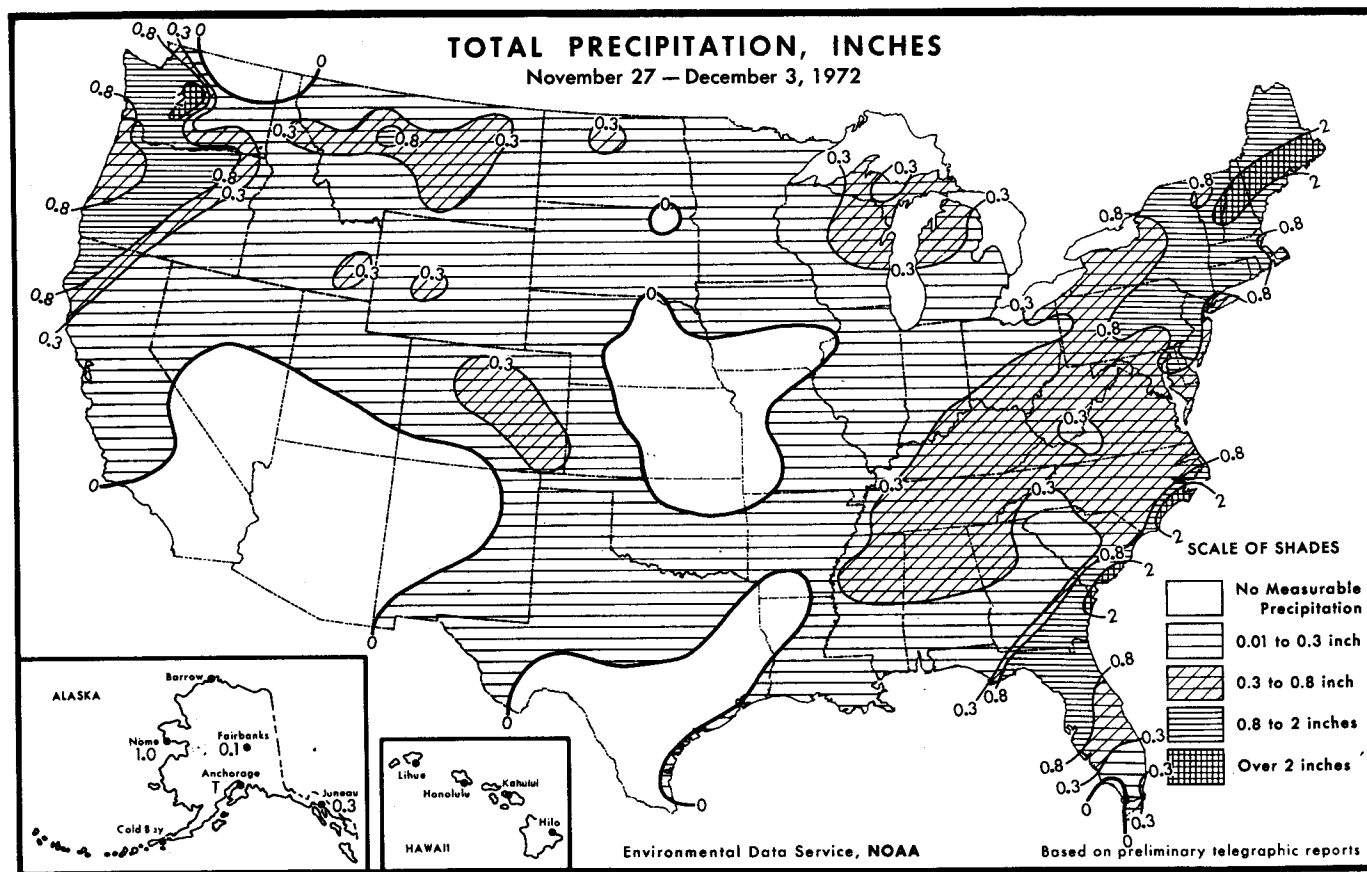
Weekly Weather & Crop Bulletin

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

Volume 59 No. 49

Edited by Lucius W. Dye December 4, 1972 Washington, D. C.



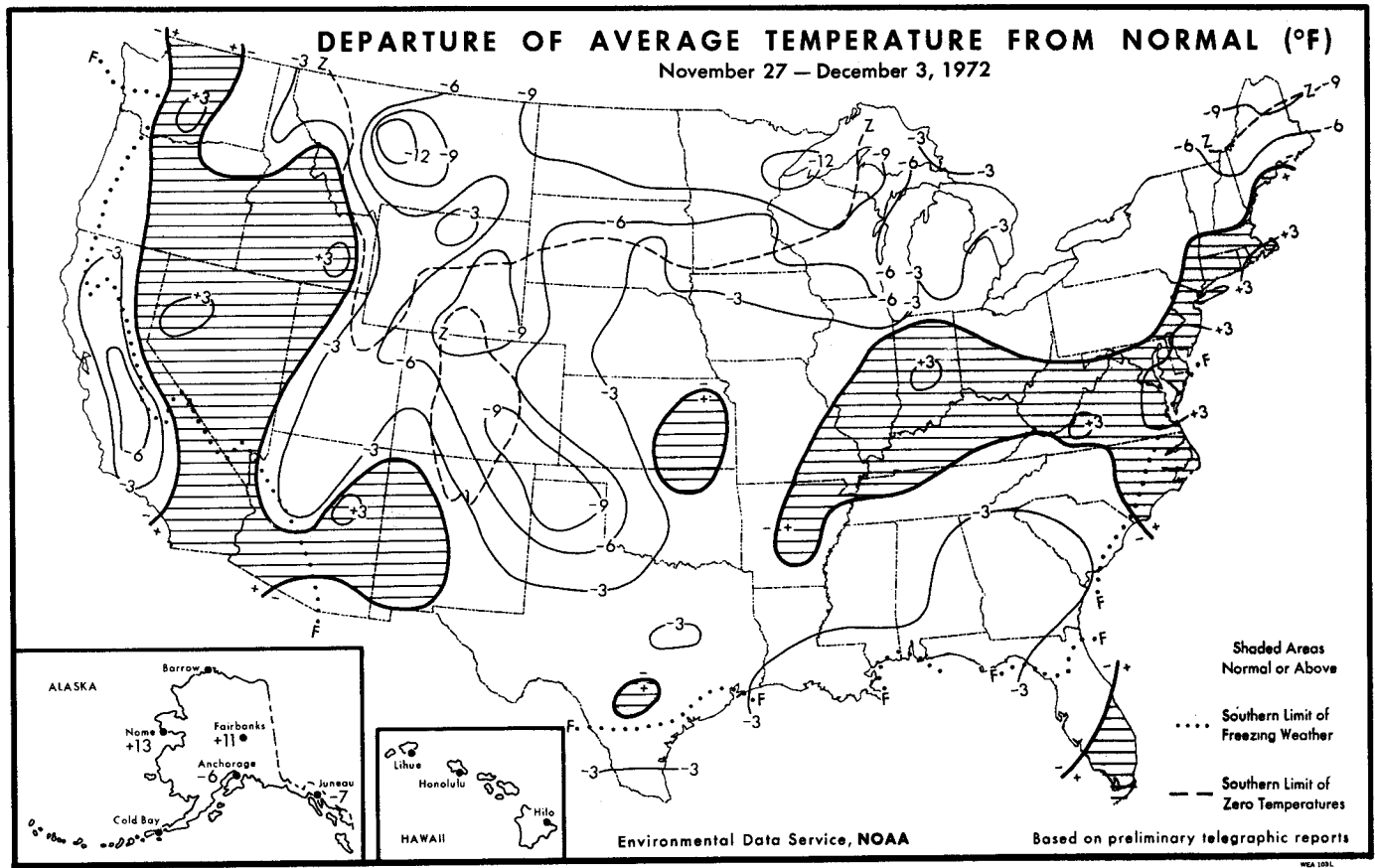
NATIONAL WEATHER SUMMARY

HIGHLIGHTS: A severe blizzard hit eastern Montana over the weekend. Heavy snow fell in the Northeast.

PRECIPITATION: Snow and strong winds eastern slopes of the Rocky Mountains early in the week. Snow accumulated to 2 to 8 inches over central and eastern Colorado. A Low centered over the central Appalachians spread rain and snow over parts of the East. Clouds covered most of the area from the Mississippi River to the Atlantic Coast. Rain and drizzle fell along the Pacific Coast and extensive fog covered the interior Valleys of California. At midweek, the fog persisted in California. Snow fell from the Upper Mississippi River Valley to the Great Lakes, light snow fell in the central Rocky Mountains and thundershowers spotted Florida. Snow fell Wednesday forenoon from the Texas Panhandle to southwestern Kansas and

spread to the Upper Mississippi River Valley, Pennsylvania, and New York. In some places along the eastern slopes of the Rocky Mountains, the winds gusted to 50 m.p.h. Livingston, Mont., measured gusts of 52 m.p.h. Wednesday noon. Rain and drizzle fell along the Gulf and southern Atlantic Coasts. A small but active Low moved northeastward along the Atlantic Coast drenching the coast from Florida to New England. Snow fell from the Ohio River Valley to the northern Appalachians. The heaviest snow occurred in Pennsylvania and central New York reaching depths of 3 to 5 inches. Rain fell south of the snow zone with a belt of sleet and drizzle sandwiched between the snow and rain areas.

The weekend brought heavy snow to the Northeast and lighter snow accompanied by high winds from the northern Rocky Mountains to the Upper Mississippi River Valley. Snow at Rumford, Maine,



and Bradford, Pa., accumulated to 14 inches and 10 inches fell at Lebanon, N.H., and Binghamton and Utica, N.Y. A cold wave accompanied the snow in the northern Rocky Mountains and northern Great Plains. Winds at Livingston, Mont., gusted to 70 m.p.h. The blizzard conditions made travel difficult or impossible. Farm chores became difficult.

TEMPERATURE: Winter temperatures covered much of the Nation last week. Subfreezing weather occurred over the Rocky Mountains, the northern and central Great Plains, and the East as far south as the Florida Panhandle where, on Monday morning, November 27, the mercury at Tallahassee dropped to 28°. The Lower Rio Grand Valley warmed to the 80's. Cotulla, Texas, registered 84° Monday afternoon. As cold air advanced southward over the Great Plains, the temperatures dropped. The mercury at Corpus Christi, Texas, reached 80° Monday but only 51° Wednesday. Cotulla recorded 30° Thursday morning when San Antonio recorded 29°.

Subzero weather occurred at the higher stations in the central Rocky Mountains on several mornings. Big Piney, Wyo., registered 15° below zero Tuesday morning. The mercury plunged to zero

or lower in much of North Dakota and northwestern Minnesota Tuesday. Grand Forks, N. Dak., recorded -7° Tuesday and -2° Wednesday. Parts of the northern and central Rocky Mountains and the northern Great Plains did not warm to the freezing point on some afternoons. Tuesday afternoon was especially cold in North Dakota when maximums were mostly in the teens and low 20's.

The weekend brought a new cold wave as Canadian air poured southward into the northern Great Plains. Subzero weather struck the northern Great Plains Saturday morning and some spots were still below zero Monday morning December 4. Glasgow, Mont., registered 27° below zero. Winds gusting to 70 m.p.h. at Livingston, Mont., dropped the temperature from 52° to 18° in 20 minutes.

Temperatures averaged below normal in the interior valleys of California, above normal over the Great Basin, much below normal over the northern and central Great Plains, below normal from the Great Lakes to New England, above normal from the Ohio River Valley to the middle Atlantic Coast and below normal over the Deep South.

L. W. Dye

NATIONAL AGRICULTURAL SUMMARY

AGRICULTURAL HIGHLIGHTS: Improved weather in the Corn Belt permitted continued good corn harvesting progress. * Soybean and cotton harvests still moving slowly due to wet fields. * Winter wheat prospects good.

SMALL GRAINS: Winter wheat prospects are good throughout the Great Plains and in the Northwest. The moisture supply has been adequate in most areas and planting was completed on schedule. Growth was good until cold weather brought on winter dormancy in northern areas. Much acreage in the northern Great Plains is now under partial snow cover in good condition. In Kansas, winter wheat made some growth and remains in good to excellent condition. Only 15 percent of the acreage is being grazed due to muddy fields and lack of top growth. Cold weather limited wheat growth in Oklahoma and Texas. A blanket of snow covered wheat fields on the High and Low Plains of Texas and reduced grazing. The outlook for small grains looks good in the South Atlantic and South Central States; however, a considerable amount of acreage remains to be planted.

CORN: Improved weather in the Corn Belt permitted a second week of good corn harvesting progress while cold, wet weather and wet fields limited corn picking in the South. About 73 percent of the Nation's corn acreage is harvested, a gain of 8 points over the previous week. After weeks of constant cloudy weather, the sun made it's appearance for a few days in the Corn Belt and farmers worked overtime to get the corn out of the fields. The North Central Region corn harvest advanced 8 points to 70 percent complete with every State showing progress. Cold night-time temperatures aided Corn Belt farmers by freezing the wet, muddy fields enough to support equipment for morning harvesting. Corn harvesting advanced to 75 percent complete in Iowa and to 70 percent complete in Illinois. Good progress occurred in Nebraska with harvesting 60 percent complete. Minnesota's corn harvest is nearly complete. Corn picking in both Indiana and Ohio advanced to 50 percent complete. Corn picking was limited last week in the South with harvest about 90 percent complete.

COTTON: Cold, rainy weather and wet fields hampered cotton harvesting in the South for the fifth consecutive week. Cotton harvesting in the South Central and South Atlantic Regions advanced only 3 points to 63 percent complete. In Texas, cotton harvesting advanced only slightly to 44 percent complete compared to 41 percent last week and 40 percent complete last year. The Oklahoma crop is only 40 percent harvested while cotton in the Bootheel of Missouri is 58 percent harvested. Other States in the South are much further along, but progress has been slow. The Mississippi cotton harvest is 84 percent complete compared to 82 percent last week. Louisiana cotton harvesting is 80 percent complete. In California, wet weather slowed cotton harvesting slightly.

SOYBEANS: The Nation's soybean harvest continued to move at a snail's pace with about 73 percent of the total acreage combined compared to 69 percent last week. Although weather improved in the Corn Belt, fields still remain wet and

muddy making harvest difficult. About 76 percent of the soybean acreage in the North Central Region is harvested compared to 74 percent for the previous week. Slight harvesting progress was made in every Corn Belt State except Ohio which is 60 percent complete. The Illinois soybean harvest edged forward to 82 percent complete compared to 80 percent since October 29. In Iowa, soybean harvesting is 87 percent complete compared to 85 percent last week. Minnesota's harvest is nearing completion while soybeans are 59 percent harvested in Missouri and 55 percent harvested in Indiana. Rainy weather and wet fields continued to slow soybean combining in the South with harvesting 67 percent complete. Very little progress occurred in Arkansas with about one-third of the crop still unharvested. Mississippi reached 55 percent completion.

OTHER CROPS: Sorghum grain harvesting made some headway in Kansas and Nebraska, but cold, wet weather delayed combining in Texas now 89 percent complete compared to 97 percent complete last year. Sorghum grain is 55 percent combined in Kansas, sharply behind the average of 95 percent. Combining in Nebraska advanced to 72 percent complete aided by dry, cool weather, but progress was slow. Much remaining Nebraska acreage is severely lodged. The Missouri sorghum harvest is 67 percent complete while no progress was made in Oklahoma at 60 percent complete. Marketing of tobacco continued active in Kentucky and Tennessee. Peanut harvesting is nearing completion in Texas and Virginia. Marketing of potatoes in Idaho continued active while the last few acres of sugar beets were being dug. Sugar beet harvesting continues in California and Washington, but is nearing completion in Oregon.

Fruits and Nuts: Florida citrus trees remain in excellent condition with some fruit splitting reported. Texas citrus harvesting remained slow due to poor weather; grapefruit quality continues excellent. In California, the navel orange harvest gained momentum with quality improving, while the large crop of valencia oranges developed well. Pecan harvesting remained slow in North Texas due to cold weather. The Mississippi pecan harvest is 72 percent complete.

Vegetables: Vegetable harvesting is very active in Florida with tomatoes in heavy volume and snap beans, celery, eggplant, radishes and squash near full production. Most leafy green vegetables are increasing seasonally. Cold weather continued to hamper vegetable harvesting in the Lower Rio Grande Valley of Texas, while a freeze in the San Antonio area stopped production of tender vegetables. Lettuce harvesting continued active in Arizona. In California, lettuce supplies are peaking at Palo Verde.

PASTURES AND LIVESTOCK: Supplemental feeding of livestock is widespread throughout the Great Plains as native pastures continued to decline seasonally. The prolonged cold weather increased the stress on livestock and has been responsible for increased death losses of stocker and feeder cattle, especially in the Texas Panhandle.

Arlon M. Scott
Agricultural Statistician

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., December 3, 1972

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 . . .	44	-6	.5	-.6	New Orleans . . .	52	-5	.6	-.3	OKLA, Okla. City . .	40	-3	T	-.3
Mobile . . .	52	-4	.3	-.8	Shreveport . . .	51	-1	T	-1.0	Tulsa . . .	42	0	T	-.4
Montgomery . . .	47	-4	.3	0	MAINE, Caribou . .	12	-11	1.2	+.6	OREG, Astoria . . .	43	2	.6	-2.6
ALASKA, Anchorage .	12	-6	T	-1.1	Portland . . .	34	+1	1.2	+.2	Burns . . .	34	+2	.3	0
Barrow . . .	---	---	---	---	MD, Baltimore . . .	42	+1	.8	+.1	Medford . . .	38	-1	1.2	+.5
Fairbanks . . .	8	+11	.1	-.1	MASS, Boston . . .	41	+1	.8	0	Pendleton . . .	36	2	.8	+.5
Juneau . . .	25	-7	.3	-.7	Chatham . . .	44	---	.7	---	Portland . . .	43	0	.9	+.7
Nome . . .	24	+13	1.0	+.8	MICH, Alpena . . .	25	-4	.3	---	Salem . . .	41	-2	.5	-1.0
ARIZ, Flagstaff . .	29	-4	0	-.3	Detroit . . .	30	-3	.2	-.3	PA, Allentown . . .	37	0	.9	0
Phoenix . . .	56	+2	0	-.2	Flint . . .	29	-2	.1	-.4	Erie . . .	33	-1	.3	-.4
Tucson . . .	53	-2	0	-.2	Grand Rapids . .	28	-5	.3	-.2	Harrisburg . . .	37	-1	.7	0
Winslow . . .	39	+3	.1	0	Houghton Lake . .	24	-4	.3	-.1	Philadelphia . . .	42	+3	1.0	+.2
Yuma . . .	60	+2	0	0	Lausling . . .	28	-5	.3	-.2	Pittsburgh . . .	34	-1	.6	+.1
ARK, Fort Smith . .	42	-3	.1	-.6	Marquette . . .	20	-9	.1	-.5	Scranton . . .	32	-2	.8	+.1
Little Rock . . .	46	+2	.1	-.9	Muskegon . . .	31	-3	.3	+.2	R.I, Providence . .	41	+3	1.0	+.1
CALIF, Bakersfield .	42	-9	T	-.2	S.Ste, Marie . . .	24	-3	.8	+.1	S.C, Charleston . .	50	-2	3.9	+3.3
Eureka . . .	49	-1	1.6	+.3	MINN, Duluth . . .	8	-12	.1	-.2	Columbia . . .	47	-3	.2	-.5
Fresno . . .	42	-8	.2	-.1	Internatl Falls .	5	-11	T	-.2	Greenville . . .	44	-3	.3	-.4
Los Angeles . . .	65	+4	0	-.4	Minneapolis . . .	18	-5	.2	0	S.DAK, Aberdeen . .	17	-7	T	-.2
Red Bluff . . .	44	-7	.3	-.5	Rochester . . .	18	-6	.1	-.2	Huron . . .	22	-2	T	0
San Diego . . .	61	+1	0	-.2	St. Cloud . . .	15	-7	.3	+.1	Rapid City . . .	25	-5	.1	0
San Francisco . . .	50	-2	.1	-.6	MISS, Jackson . .	50	-2	.2	-.9	Sioux Falls . . .	21	-4	T	-.2
Stockton . . .	43	-6	.1	-.4	Meridian . . .	49	-2	.1	-1.0	TENN, Chattanooga .	42	-3	.5	+.4
COLO, Denver . . .	28	-6	.4	+.3	MO, Columbia . . .	37	-1	.1	-.4	Knoxville . . .	43	-2	.5	-.4
Grand Junction . .	31	-2	T	-.1	Kansas City . . .	38	-1	T	-.4	Memphis . . .	44	-2	.2	-.9
Pueblo . . .	27	-10	.4	+.3	St. Louis . . .	40	+2	.1	-.4	Nashville . . .	44	0	5.2	+4.3
CONN, Bridgeport . .	40	0	.6	-.4	Springfield . . .	39	-1	T	-.5	TEX, Abilene . . .	45	-3	.1	-.2
Hartford . . .	37	+1	1.0	+.2	MONT, Billings . .	22	-9	.6	+.5	Amarillo . . .	33	-9	.2	0
D.C, Washington . .	45	+3	.7	0	Glasgow . . .	14	-8	.4	+.3	Austin . . .	52	-3	0	-.5
FLA, Apalachicola .	55	+4	1.7	+1.1	Great Falls . . .	16	-14	1.0	+.8	Beaumont . . .	53	-4	.3	-.7
Ft. Myers . . .	69	+2	.1	-.2	Havre . . .	17	-6	.2	+.1	Brownsville . . .	60	-5	T	-.4
Jacksonville . . .	53	-6	1.8	+1.4	Helena . . .	19	-8	.3	+.2	Corpus Christi . .	59	-2	T	-.4
Key West . . .	76	+4	T	-.5	Kalispell . . .	23	-5	T	-.3	Dallas . . .	50	0	.1	-.5
Lakeland . . .	64	0	1.4	+1.1	Miles City . . .	21	-6	.2	+.1	Del Rio . . .	54	-1	0	-.1
Miami . . .	72	+2	.8	+.4	Missoula . . .	26	0	.5	+.2	El Paso . . .	47	0	T	-.1
Orlando . . .	64	+1	.4	+.1	NEBR, Grand Island	31	-1	T	-.1	Fort Worth . . .	49	-1	.1	-.5
Tallahassee . . .	51	-5	.9	+.2	Lincoln . . .	32	-3	T	-.2	Galveston . . .	57	-2	.1	-.9
Tampa . . .	63	-1	1.0	+.6	Norfolk . . .	27	-2	T	-.2	Houston . . .	54	-1	T	-1.0
GA, Atlanta . . .	44	-3	.3	-.6	North Platte . .	27	-3	T	-.1	Lubbock . . .	39	-4	.2	+.1
Augusta . . .	47	-3	.2	-.5	Omaha . . .	30	-1	T	-.2	Midland . . .	46	-2	.1	0
Macon . . .	48	-4	.1	-.7	Valentine . . .	25	-4	T	-.1	San Angelo . . .	49	-2	T	-.2
Savannah . . .	50	-4	2.8	+2.2	NEV, Ely . . .	32	+2	T	-.2	San Antonio . . .	57	+1	0	-.4
HAWAII, Hilo . . .	---	---	---	---	Las Vegas . . .	48	+1	0	-.1	Victoria . . .	57	-2	0	-.5
Honolulu . . .	---	---	---	---	Reno . . .	38	+3	.2	0	Waco . . .	50	-3	T	-.5
Kahului . . .	---	---	---	---	Winnemucca . . .	35	+3	.1	-.1	Wichita Falls . . .	43	-4	.1	-.3
Lihue . . .	---	---	---	---	N.H, Concord . . .	30	-2	1.0	+.2	UTAH, Blanding . .	31	-3	0	-.2
IDAHO, Boise . . .	35	+1	.2	-.1	N.J, Atlantic City .	44	+2	1.0	+.2	Salt Lake City . .	37	+5	T	-.3
Lewiston . . .	34	-3	.3	0	Trenton . . .	43	+3	.7	0	VT, Burlington . .	28	-1	0	-.3
Pocatello . . .	34	+3	.7	+.5	N.MEX, Albuquerque	39	0	T	-.1	VA, Lynchburg . . .	42	0	.3	-.3
ILL, Cairo . . .	43	0	.2	-.7	Roswell . . .	44	+2	0	-.1	Norfolk . . .	49	+2	.3	-.3
Chicago . . .	29	-5	.1	-.4	N.Y, Albany . . .	33	0	1.2	+.6	Richmond . . .	46	+3	.7	0
Moline . . .	32	0	T	-.4	Binghamton . . .	29	-3	.9	+.3	Roanoke . . .	45	+3	.3	-.3
Peoria . . .	32	-1	T	-.4	Buffalo . . .	31	-2	1.5	+.7	WASH, Colville . .	29	-1	T	-.4
Rockford . . .	27	-4	.1	-.3	New York . . .	43	+1	.8	0	Omak . . .	31	+1	0	-.3
Springfield . . .	36	0	.2	-.2	Rochester . . .	33	-1	.4	-.2	Quillayute . . .	37	-6	1.3	-2.0
IND, Evansville . .	39	0	.1	-.6	Syracuse . . .	34	0	.5	-.3	Seattle-Tacoma . .	42	0	1.0	-.4
Fort Wayne . . .	35	+2	.1	-.4	N.C, Asheville . .	42	-1	.3	-.2	Spokane . . .	31	-1	T	-.5
Indianapolis . . .	38	+3	.1	-.6	Charlotte . . .	44	-2	.4	-.3	Walla Walla . . .	41	+2	.6	+.2
South Bend . . .	33	0	.1	-.5	Greensboro . . .	43	-1	.5	-.2	Yakima . . .	38	+4	T	-.3
IOWA, Burlington .	33	0	T	-.4	Hatteras . . .	53	+1	1.4	+.5	W.VA, Beckley . . .	37	0	.2	-.5
Des Moines . . .	30	0	T	-.3	Raleigh . . .	46	+1	.3	-.3	Charleston . . .	42	+2	.8	+.1
Dubuque . . .	24	-4	T	-.6	Wilmington . . .	51	-1	2.5	+1.8	Huntington . . .	40	0	.7	0
Sioux City . . .	28	-2	T	-.2	N.DAK, Bismarck .	13	-9	.2	+.1	Parkersburg . . .	40	0	.5	-.2
KANS, Concordia . .	35	-1	T	-.2	Fargo . . .	10	-10	.3	+.2	WIS, Green Bay . .	21	-7	.4	+.1
Dodge City . . .	34	-4	T	-.1	Williston . . .	11	-10	.3	+.2	La Crosse . . .	21	-6	.2	-.1
Goodland . . .	29	-5	.1	0	OHIO, Akron-Canton	34	-1	.2	-.3	Madison . . .	22	-5	.1	-.3
Topeka . . .	38	+1	T	-.3	Cincinnati . . .	37	0	.6	-.1	Milwaukee . . .	23	-7	.2	-.2
Wichita . . .	37	-2	T	-.3	Cleveland . . .	34	-2	.4	-.2	WYO, Casper . . .	18	-11	.1	0
KY, Lexington . . .	41	+1	.5	-.2	Columbus . . .	36	0	.4	-.2	Cheyenne . . .	22	-9	.1	0
Louisville . . .	41	+1	.8	0	Dayton . . .	36	0	.1	-.5	Lander . . .	20	-6	.4	+.4
LA, Baton Rouge . .	55	-1	.2	-.9	Toledo . . .	32	-1	.1	-.4	Sheridan . . .	26	-2	.3	+.1
Lake Charles . . .	53	-3	.2	-1.0	Youngstown . . .	32	-2	.3	-.4	P.R. San Juan . . .	80	+2	1.9	+.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 office of the Statistical Reporting Service, U.S.D.A. in cooperation with NOAA Climatologists.

ALABAMA: Warm early in week but colder midweek. Subfreezing north and central Friday and Saturday mornings. Lowest 22° at Pittsview. Marked warming Sunday afternoon with week's high of 73° at Luverne. Showers extreme north early in week and over State midweek. Generally fair Friday through Sunday. Rain and wet fields continued to slow harvest of cotton, corn, and soybeans. Open weather urgently needed to get remainder of crops out, especially north. Cotton harvest about 84% complete. Harvest of corn continued to lag with about 9/10 harvested. Combining of soybeans reached the 4/5 mark, behind last year's 85% complete. Outlook for small grains promising, seeding of these crops nearly complete. Harvest of short pecan crop is on decline. Winter grazing crops look good. Stockmen fed increased amounts of hay as temperatures declined and small grain fields continued too wet to support live-stock.

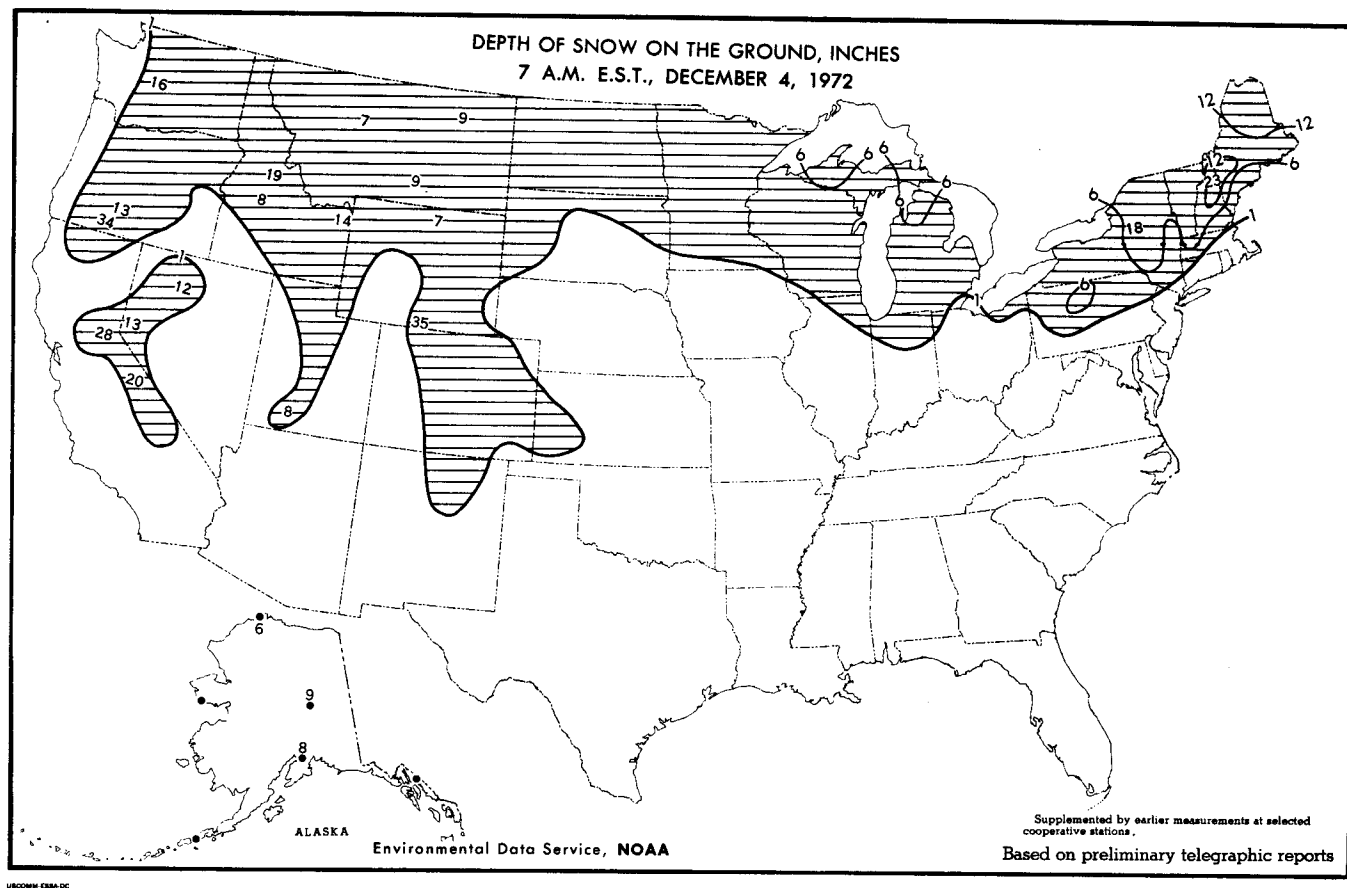
ARIZONA: No snow at any station. Skies clear most of week and temperatures somewhat below normal most sections. No measureable precipitation anywhere in State. Cotton harvest continued, limited to early mornings, slowed by wet fields. Grain sorghum harvest steady, virtually complete Cochise County. Sugar beet harvest continued, some weed problems. Small grain plantings continue, good stands early plantings. Alfalfa hay harvest continued, limited loss from moisture. Lettuce harvest continued Salt River Valley, Yuma, Pima, Pinal Counties; volume increasing Yuma area. Some fields abandoned Pima County, bad weather. Harvest broccoli, cabbage, other mixed vegetables continued Yuma, Salt River Valley. Vegetables for later harvest making good progress. Harvest lemons, navels, other early oranges, tangerines. Limited grapefruit active Yuma, Salt River Valley. Range conditions fair to good. Ranges extreme northeast continue poor, precipitation below average. Lower elevation, desert ranges providing good winter grazing. Stockwater supplies adequate. Cattle good. Sheep wintered on desert pastures good.

ARKANSAS: Mean temperatures near normal with departures from normal ranging -3° to +2°. Negative departures generally southwestern half of State and positive departures in northeastern half. Much colder at midweek followed by much warmer weekend. Highest 73° at Fort Smith December 3. Lowest 15° at Calico Rock and Gilbert November 29. Precipitation light entire State especially southern half where numerous localities received no rain or only light sprinkles. Largest weekly total 0.45 inch at Judsonia. Most precipitation at midweek. Fields wet from last week's rains. Harvest conditions continue poor, but farmers salvaging what they can. Harvest losses heavy many fields. Cotton now about 85% picked and around 2/3 of soybean acreage combined. Progress especially slow northeast, but offset by better progress central and southern areas. Early small grains growing well. Additional seeding wheat underway as conditions permit. Grazing good. Livestock situation generally favorable.

CALIFORNIA: Cold central valley, extensive fog, drizzle. Average temperatures 4° to 6° below normal. Warm days south of Tehachapis. Average temperatures 4° to 6° above normal. Another storm moved into State 4th. Heavy rain north; snow above 5,000 feet mountain areas. Wet weather and field conditions slowed activities. Harvest dry beans, corn, milo, sugar beets, rice continues. Cotton harvest continues, some fields Fresno first pick. Pruning, fertilizing, dormant spray increasing. Navel orange harvest picking up momentum, quality improving. Valencia oranges developing well, large crop. Picking mandarins, tangerines active. Harvest grapefruit, dates continues. Lemon, avocado harvest increasing, volume expected above normal. Artichoke harvest light, Castroville. Salinas broccoli, cauliflower light; moderate supplies Ventura. Brussels sprouts harvest light. Salinas carrot harvest back to normal, Coachella digging increasing, Imperial Valley beginning. Oxnard celery good supply, additional supplies from Orange County; Salinas seasonally light. Sweet corn winding up Riverside County. Palo Verde lettuce deal at peak, Imperial Valley underway. Winter potato harvest continues Bakersfield. Green tomato picking continues Visalia. Rangeland grass growth exceptional, but slightly curtailed by recent cool and foggy weather in central and south. Supplemental feeding necessary most areas, grasses slightly low of nutrients and watery. Water supplies good. Turkey, egg, and milk production normal.

COLORADO: Heavy snow central mountains, moderate to light snow elsewhere first of week. Some highways and passes closed due to drifting and snow slides. High winds in mountains and along foothills most of week. Temperatures averaged 2° to 11° below normal, greatest departures east of Continental Divide. Temperatures have been below normal most of November. Snow cover entire month November nearly all of State. Little or no fieldwork past week. Most areas snow covered. Surface soil moisture adequate to surplus. Winter wheat and barley good to excellent. Limited growth past week. Ranges, pastures providing very limited forage. Supplemental feeding of livestock required statewide. Livestock fair to good. Prolonged cold and snow causing stress to livestock.

FLORIDA: Considerable cloudiness and rain again this week. Stationary frontal system through central Florida midweek kept temperatures 3° to 5° below normal north and 2° to 4° above normal south. Rainfall averaged near 1.00 inch except below 0.10 inch southwest coast and Keys. Harvest of soybeans and cotton about finished. Sugar cane harvest active. Small grain condition improved by rains. Supplemental pastures making good growth, but development behind year ago. Supplemental feeding on increase. Cattle fair to good. Numbers of calves born are rising. Citrus trees generally in excellent condition. Some fruit splitting reported particularly and Hamlin and Valencia oranges. Harvest increasing. Recent cooler temperatures have been beneficial for most vegetable crops. Tomatoes are in heavy volume with a peak level of supply expect-



ed by midmonth. Snap beans, celery, eggplant, radishes, and squash are near full production. Cucumbers and sweet corn are still furnishing good volume. Cabbage, peppers, endive, escarole, lettuce, and most leafy green crops are increasing seasonally.

GEORGIA: Cloudy first of week with rain Wednesday and Thursday, turning colder Friday. Coldest Saturday morning with lows in 20's and low 30's. Fair through weekend with gradual warming trend. Temperatures averaged from near to slightly below normal. Rainfall varied from less than 0.50 inch north and central to over 2.00 inches southeast coastal section. Soil moisture adequate. Fieldwork included crop harvest, tobacco plant bed and land preparation. Harvest completed many areas. Routine care livestock and poultry. Livestock mostly fair to good condition.

HAWAII: Cool and cloudy with light scattered showers mainly in mountain areas. Low temperatures slowed crop growth and maturity. Soil moisture adequate. Harvesting of vegetables steady. Heavy supply of bananas and papayas. Seasonal increase in orange and tangerine production. Sugar cane harvesting declining. Planting and general field maintenance on pineapple plantations. Pasture and cattle in fair to good condition.

IDAHO: Temperature averages normal but with lowest temperatures 0° to 10° midweek. Precipitation less than normal all areas, mostly less than 0.25 inch. Fieldwork mostly at a standstill. A few sugar beets being dug. Potato and onion marketing active. Livestock in good condition with pastures still providing feed.

ILLINOIS: temperatures averaged from near normal to 5° below normal with highs mostly in 40's south and 30's north. Low readings ranged in teens and 20's north and 20's and 30's south. Temperatures jumped briefly into 50's in central and south late in week. Precipitation totaled between 0.25 and 0.50 inch with part coming as 1 to 3 inches of snow in central and north early in week. Weather conditions improved past week. Corn harvest 70% complete, normally 95%, last year complete. Fieldwork increased considerably, but fields remain muddy most areas. Soybeans made slight progress--82% harvested. Grain sorghum about 60% harvested. Fall plowing very little progress. Pastures fair to good, supplying considerable roughage. Soil moisture 27% adequate, 73% surplus. Average 2.5 days suitable for fieldwork.

INDIANA: Warm temperatures and light precipitation fell early and late in period. Temperatures ranged from low 20's to 60° at Indianapolis on 2d. Sunshine normal. Relative humidity below normal. Three days suitable for fieldwork. Topsoil and subsoil moisture adequate to mostly surplus. Farmers working overtime to finish harvest. Corn 50% harvested, 60% average, progress 5 weeks behind 1971. Soybeans 55% combined, 45 days behind both 1971 and average. Acreage intended for 1973 spring-planted crops 10% plowed, 40% last year.

IOWA: Cold and cloudy with negligible precipitation. Little or no snow cover. Progress continues in harvesting as cold weather freezes soil. About 5.5 days suitable for fieldwork. Corn harvest 75% complete, behind 1966-1970 average of 94% and near completion in 1971. Harvest ranges from 93% complete in northwest to 44% in southwest. Soybean

harvest advanced slightly to 87% complete, as compared with 99% completion for 1971 and 1966-1970 average. Approximately 78% of grain sorghum and popcorn harvested. Topsoil moisture 61% surplus and 39% adequate. Subsoil moisture 48% surplus 52% adequate.

KANSAS: Generally fair and mild, a welcome relief from cold, cloudy, and wet conditions of previous 2 months. Maxima warmed generally to 60's and 70's by December 2. Cold wave much of State next day with maxima plunging to teens to 30's. Weekly mean temperatures averaged near seasonal east-central and northeast, 2° to 5° below normal elsewhere. Precipitation totals 0.20 to 0.40 inch extreme southwest. No significant precipitation elsewhere. Fall harvest made some progress with mild temperatures and sunshine several days late last week. Sorghum harvest 55% completed, sharply behind 10-year average of 95%. Limited combining corn and soybeans with harvest of these crops about 3/4 complete, much behind normal. Wheat made some growth, mostly good to excellent condition. Only 15% planted wheat acreage being grazed due to muddy fields and lack of top growth. Livestock receiving supplemental feed most areas. Fall calving, lambing, farrowing normal seasonal progress.

KENTUCKY: Mostly sunny 3 days, the most sunshine during one week in about a month. Temperatures averaged near normal. Precipitation less than 0.20 inch extreme west, 0.30 to 0.80 inch balance. Maxima in 30's and 40's 28th to 30th; in 50's balance. Minima in 20's on 28th. Precipitation on 3 days, and some snow on 2 of these days. On 28th, snow-fall 1 to 2 inches parts of north-central and northern Bluegrass. On 30th snow to 2 inches one area of northern Bluegrass. Very unfavorable harvesting weather continues, but farmers attempting some combining and corn picking when possible. Comments indicate 25% to 30% soybeans still in field; over 50% unharvested in some extreme western counties. Soybeans being harvested have taken on additional moisture. Considerable loss from rotting, mold, and shelling out feared if weather doesn't clear. Wheat seeding has been delayed and some farmers will not seed as much fall grain as they planned. Burley price somewhat disappointing, most going in the \$78 to \$80 range. One sucker market opened December 4. Pastures good.

LOUISIANA: Temperatures varied over broad range this week. Quite warm beginning and end and cold spell midweek. General freeze statewide Friday morning. Weekly averages mostly near normal. Extremes: 78° Baton Rouge Sunday, 23° Ashland Friday. Precipitation light to moderate early in week. Showers began again Sunday night. Weekly totals less than 1.00 inch. Greatest 1-day total, 0.65 inch measured at Bunkie Tuesday morning. Wet fields again limited harvest of cotton and soybeans to 1 or 2 days. Cotton 80% harvested, soybeans 85%. Quality continued to deteriorate. Harvest of sugar cane active, but slowed by mud and trash. About 60% of crop harvested, quality of juice poor, trash high and tonnage good. Rye grass and small grains furnishing good grazing. Pasture feed about average. Supplemental feeding more active. Livestock in good condition.

MARYLAND AND DELAWARE: Continued wet for 4th straight week. Precipitation this week mostly 1.00 to 3.00 inches. Snow 1 to 8 inches in 3 western counties. Sunny mild weekend brought temperatures 1° to 3° above normal in east and near normal to 3° below normal in west. November 1972 cold and wet with temperatures averaging 1° to 3° below normal and precipitation totaling 2.00 to 5.00 inches

above normal. A record wet month for some long-term stations in north. Farmers made some progress in combining soybeans. Acreage remaining to be harvested larger than usual because of delays from frequent rains and wet soils. Corn harvest nearing completion in most areas. Pastures above average for December 1.

MICHIGAN: Continued mostly cloudy, cold, intermittent snow and lake snow. Turning colder as period ended. Snow cover of 1 to 4 inches extends into southern Michigan. Temperatures averaged: 3° below normal east to 9° below normal west Upper Peninsula; 2° below normal south to 6° below normal central Lower Peninsula. Temperature extremes: Mid-40's south to subzero north as week ended. Precipitation totals: Generally 0.25 to 1.00 inch Upper Peninsula; 0.10 to 1.00 inch Lower Peninsula with heaviest totals vicinity Lakes Superior and Michigan.

MINNESOTA: Bitter cold wave began near end of period. Temperatures averaged generally 4° below normal in south-southwest to 12° below normal in northeast, averaging about 7° below normal State. Coldest temperature in State was -25° at Baudette on December 4. Precipitation: Generally less than 0.25 inch except on a line from Fargo-Alexandria-St. Cloud which had up to 0.50 inch water content. Snow depth: Generally no snow on ground in south west and south-central districts. One to 2 inches rest of State except 3 to 5 inches Fargo-Alexandria-Twin Cities line and the very northeast counties away from Lake Superior. Freezing temperatures during week permitted harvest in southeast to continue, but snow on weekend slowed remainder of soybean harvest. Virtually all corn and soybean crops harvested except in southern areas of south-east district.

MISSISSIPPI: Precipitation on 2 to 4 days and amounts were over 1.25 inches at most stations. Weekly temperature averages continued below normal and this week ranged 3° to 7° below normal across State. Minimum 25° Friday at McComb and a high of 72° at several locations on November 27. Over weekend, a warming trend with maximums in mid-70's on Sunday at most stations, little or no precipitation. Rains and extremely wet, muddy fields continue to delay harvest operations for 6th consecutive week. Soil moisture surplus to excessive north, adequate to surplus south. Days suitable for fieldwork averaged 2 days. Cotton 84%, soybeans 55%, corn 90% and pecans 72% harvested. Conditions of winter wheat and oats mostly good. Pastures fair to good condition. Livestock condition mostly good.

MISSOURI: Another cold week. The sun finally shone on Saturday raising temperatures above seasonal normals for first time in 3 weeks. Sharply colder Sunday. For week, temperatures averaged 3° to 6° below normal. Precipitation sparse with less than 0.10 inch most areas. Nearly 2 days suitable for fieldwork. Harvest regained momentum. At this time last year, harvesting of all crops almost completed. Corn 62% harvested, 80% 2 years ago. Soybeans 59% harvested, 84% harvested 2 years earlier. Grain sorghum 67% completed, 85% 2 years ago. Cotton 58% picked, 80% 2 years ago. Wheat condition mostly good. Soil moisture 24% adequate, 76% surplus.

MONTANA: Cool temperatures first of week with mild temperatures Thursday and Friday, highs mostly in 50's, followed by very cold temperatures Saturday as an arctic air mass invaded State. The cold air covered State by Sunday.

Minimum temperatures over northern and eastern sections were -20° or colder by Sunday. Temperatures averaged from 2° below normal in northwest to near 10° below normal in east. Very windy east middle and later part of week. General snow over State with arctic air mass. Precipitation amounts generally 0.25 to 1.50 inches. Winter wheat dormant, fair to good condition. Grazing closed northwest, almost closed elsewhere.

NEBRASKA: Dry and seasonably cool. Measurable precipitation confined mainly to southeast quarter of Nebraska where weekly totals under 0.30 inch. Maxima 35° to 50° , melted snow cover most sections. Arctic air rushed across State on 2d dropping afternoon temperatures from 40° 's and 50° 's to teens and 20° 's in a few hours. Daytime highs on 3d in teens. Some snow fell in Panhandle on 3d. Most areas resumed harvest throughout week. Harvest of corn main activity as fields frozen early in mornings. Muddy conditions prevailed during afternoon, slowing or stopping harvesting operations. Corn 60% harvested compared with 97% last year. Facilities running at maximum capacity to keep up with harvest. Corn harvested averaging 22% moisture. More than 200 million bushels of corn remain in fields. Sorghum harvest advanced to 72% completed compared with 98% last year. Harvest slow, presenting more problems than corn. Most remaining sorghum severely lodged and harvest success dependent upon harvesting equipment. Nearly 40 million bushels of sorghum remain to be harvested. Soybean harvest made limited progress and is now 92% complete, approximately 2 million bushels remain unharvested. Some sugar beets were dug in western areas last week and a small acreage is not yet harvested. Winter wheat in good condition with partial snow cover. Livestock under stress of muddy feed lots and cold weather. More livestock turned into fields to clean crop residues as stalk fields become available.

NEVADA: Temperatures 2° to 4° above normal except extreme south which averaged 2° below normal. Very light spotty precipitation all divisions except none extreme south. Snow in mountains. Cotton harvest in Pahrump Valley and vegetable harvest on limited acreage in Moapa Valley continue. Cattle and sheep remain in generally good condition with supplemental feeding underway in several areas. Winter range feed conditions generally fair to good with stockwater adequate.

NEW ENGLAND: Cloudy with frequent precipitation. Temperature warmed to more seasonable levels with means ranging up to 3° above normal in coastal and south but mostly 1° to 3° below normal in north. Much colder at close of week in north, with -16° at Caribou, Me., Monday morning. Major storm on 30th to 1st, mostly as rain in extreme southeast but with generally 3 to 12 inches of snow northwestern Connecticut, western and central Massachusetts and in the three northern States, with some reports of 15 to 20 inches in higher elevations of north. Weekly total precipitation variable but mostly 0.75 to 1.50 inches.

NEW JERSEY: Mild Monday and Tuesday, cooler midweek, and mild again over weekend. Temperatures averaged from 1° to 4° above normal. Readings ranged from low 20° 's to low 60° 's. Rainfall Thursday and Thursday night varied from 0.50 inch to 1.20 inches. North Jersey averaged 0.80 inch,

South Jersey 1.10 inches, and coastal division 0.90 inch.

NEW MEXICO: Light scattered showers in November mostly in eastern plains. Temperatures averaged near normal except for much below normal in northeastern quarter of State. Warmer than previous week with lowest temperatures on Tuesday and warmest days in December. All crops good condition. Cotton harvest about 75% complete in south; stopped by snow some northern localities. Wheat continues providing good grazing for gradually increasing cattle numbers. Live-stock ranges good condition. Late shipment further delayed by snow.

NEW YORK: Stormy week with significant amounts of precipitation on 28th, 30th, and December 1. Totals for week ending Friday ranged from 0.90 inch southwest tier up to 2.20 inches Hudson Valley with 1.00 to 1.50 inches elsewhere. Snow midweek totaled 3 to 5 inches western 1/3 increasing to 6 to 10 inches south-central to upper Hudson Valley and northern 1/2. Rain coastal sections averaged 0.80 inch. Temperatures averaged near normal with no marked trends. Coolest midweek with minimums in teens to low 20° 's Upstate on 3d. Maximums low 50° 's coastal early week and on 3d. Snow cover 10 to 20 inches in Adirondacks but mostly less than 5 inches southern Upstate by weekend where considerable melting on Sunday.

NORTH CAROLINA: A warming trend from much below normal to near normal. General rain November 30, some showers other days. Total amounts 0.25 inch to 1.00 except up to 3.00 inches near coast. A little snow and sleet mountains. Cool, wet weather hampered harvest. Soybean harvest lags behind normal -- 60% complete. Record November soybean prices pushing harvest. Cotton picking 75% complete. Burley tobacco prices held steady in 2d sales week; curing slowed by poor weather, but leaf quality good. Growing small grains continue good, over 85% planted; time running out for seeding remaining acreage. Wet fields limiting grazing.

NORTH DAKOTA: Temperatures averaged 7° to 12° below normal. Colder Tuesday and cold wave on weekend with highs Sunday mostly subzero. Increase in sunshine but still much cloudiness and occasional snow. Snow cover mostly 1 to 5 inches end of week. Snow cover slows field speed, but cold temperature aids harvest of high moisture corn and sunflower crop. Farmers busy hauling grain and hay and fixing buildings. Many cattle still grazing, but receiving supplemental feed.

OHIO: Minimum temperatures mostly in the 20° 's and 30° 's. On morning of 29th lows dropped into mid-teens. Maximum temperatures ranged from low 30° 's to upper 40° 's. On the 28th, Ohio had 1 to 3 inches of snow while on the 30th, 2 to 6 inches of snow fell, mostly in southern part of State. On the 1st, northern Ohio had 1 to 2 inches of snow. Fields remain wet and muddy but more harvesting progress made than in previous week. Freezing nighttime temperatures permitted additional harvesting progress in the early mornings. About 3 days favorable for fieldwork. Soil moisture supplies 99% surplus and 1% adequate. Nearly 50% corn for grain and 60% soybeans harvested. Normally harvest of both crops complete by now. Harvesting of sugar beets is now over 65% complete. Popcorn 1/2 harvested, usually by this date harvest for both crops is complete.

OKLAHOMA: Temperatures averaged from 2° to 8° below normal. Precipitation light, averaging trace to 0.02 inch all divisions except Panhandle with 0.40 inch. Light to heavy snow confined to western 2/3 of State at midweek. Harvesting row crops made some headway past week, but most fields still too wet for equipment. Few fields corn for grain and sorghum grain cut at night when ground frozen. Quality of crops standing for harvest deteriorating. Birds causing rather heavy damage in some areas to pecans, sorghum grains, and dug peanuts. Some lodging of sorghum grain and shedding of cotton beginning to occur. Cold weather limited growth of small grains and many fields still too wet to graze. Few days warm weather would spur growth. Corn for grain around 85% harvested. Sorghum grain slightly over 3/5 completed. Cotton about 2/5 harvested. About 1/10 peanut crop remains in the field and around 1/2 soybean crop to be combined. Some acreage small grains will be planted when fields dry. Supplemental feeding increasing as native pastures furnishing very little forage. Most livestock remain fair to good condition.

OREGON: Mild week with some morning fog, afternoon sunshine, and light rain mostly 1 to 5 days midweek. Temperatures averaged normal to 4° above normal. Minima 14° to 30° east, 29° to 41° west. Maximums 46° to 65°. Rain mostly 0.10 to 0.20 inch except 0.50 to 0.80 inch northeast, 1.00 to 1.60 inches northwest. Farm activity slowing rapidly. Late vegetable harvest continues. Sugar beet harvest nears completion. Movement of potatoes and onions very active. Movement of fruit also good. Winter feeding of livestock underway. Hay stocks below average to adequate.

PENNSYLVANIA: Light snow or rain beginning of week, major storm Thursday. Milder weekend. Snowfall Thursday mostly 3 to 7 inches, up to 9 inches higher elevations of northeast. Southeast corner had rain. Weekly precipitation totaled 1.00 to 1.50 inches central to northeast under 0.50 inch northwest, 0.50 to 1.00 inch elsewhere. Snow cover Monday morning confined to central and north, mostly 1 to 4 inches, locally 8 to 10 inches few mountain areas. Temperatures 1° to 3° above normal south, 2° to 4° below normal north. Maxima reached 50's in south weekend. Extremes: 61°, 7°. Routine winter farm chores.

PUERTO RICO: Rainfall averaged 0.80 inch or 1.25 inches below normal. Heaviest rains over eastern mountains with highest weekly total of 3.20 inches. Little or no rain south and west. Crop moisture conditions near normal all divisions except south coast too dry for normal development. Temperatures averaged 79° on coast and 73° interior divisions with mean departure of 1.2° below normal and continued cooling trend. Highest maximum 92°, lowest minimum 57°. Sugar cane crop in final maturing stage prior to harvest. Coffee harvesting progressing well in favorable weather. Tobacco plantations preparing seedbeds and transplanting. Pastures generally good to excellent all zones except fair in south where more rain needed. Minor food crops in good abundance including eggplant, pigeon peas, celery, cabbage, and plantains.

SOUTH CAROLINA: Rainfall was heavy measuring more than one inch in all sections. Three to four inches fell along the coast on the 29th and 30th. Rain and above-average cloudiness kept

temperatures down. Average temperatures varied from 9 degrees below normal in the northwest to 6 degrees below in the south. Rain slowed harvest and planting. Cotton 88% harvested compared with 89% last year. Soybeans 64% harvested compared with 50% last year. Pastures fair to good condition. Wheat, oats good condition. Wheat 74% planted compared with 65% last year; 59% emerged. Oats 78% planted compared with 82% last year; 67% emerged. Sorghum grain 77% harvested compared with 88% last year. Fall vegetables fair condition Charleston-Beaufort area.

SOUTH DAKOTA: Weekly temperatures averaged from 3 to 9 degrees below normal. Extremes ranged from 11 degrees below zero at Lemmon on the 3d to 57 degrees at Oelrichs on the 1st. Widespread sub-zero temperatures reported over State end of week. Precipitation fell mostly as light snow beginning and end of week with amounts generally less than 0.15 inch. Snow cover end of week ranged from zero in the south to about 2 inches in parts of the northeast and to about 1/2 foot in portions of the northern Black Hills. Some corn and sorghum acreage remain to be harvested. Cold dry weather projected to continue next 5 days is expected to reduce losses from corn molding in field. High moisture corn that has been picked and stored in small piles will keep longer and some additional high moisture corn will be picked. Some lodged and windrowed sorghum will be lost, but harvest losses will be reduced considerably with continued cold weather. Fall-seeded grains have little or no snow cover. Cold weather has stopped greenbug activity, but extent of damage will not be known until spring. Most calves have been weaned. Some hay hauling now that ground is frozen. More supplemental feeding of livestock. Caring for livestock main farm activity.

TENNESSEE: Light to moderate rain early in week with only small amounts at midweek and late in period. Totals mostly between 0.50 and 0.75 inch but varied from less than 0.25 inch to about 1.50 inches. Temperatures averaged near normal to 3° below normal. Wet fields continue to delay harvest. Soybean harvest 50% complete, 3 1/2 weeks behind normal. Cotton harvest 70% complete, 2 weeks behind normal. Corn harvest 80% complete, over 2 weeks behind normal. About 95% of the burley, 70% of the dark air-cured and 50% of the dark fire-cured tobacco has been stripped. Over 2/3 of the burley has been sold.

TEXAS: Mild weather came to an abrupt end as first major outbreak of very cold polar Canadian air plunged southward across State late Sunday and early Monday. Temperatures dropped to middle teens northwest. Only light precipitation preceded the cold front through East and South Texas. West Texas received light precipitation earlier in week. Cold, wet weather dominated weather most of State. Harvest of cotton, grain sorghum, soybeans, and peanuts made little progress. Harvest operations confined to short period toward end of week. Wheat fields on High and Low Plains under blanket of snow and grazing reduced. Cold, wet weather responsible for increased death losses of stocker and feeder cattle. Major crops percent harvested: cotton 44, last year 40; sorghum 89, last year 97; soybeans 80, last year 89; peanuts 97, last year 97. Major crops percent planted: wheat 96, last year 100; oats 97, last year 100; flax 90, last year 59. On High Plains a few fields of late carrots are

left for harvest. In San Antonio area a freeze stopped production of peppers, tomatoes, eggplant, and other tender vegetables. Carrot and cabbage harvest continues. In Winter Garden area carrots and cabbage continue move to market in moderate volume. Lettuce and spinach supplies increasing. Onion seeding still underway. At Laredo harvest of peppers and tomatoes continues. Cabbage and carrots showing excellent growth. Coastal Bend onions, spinach, and cabbage making good growth. In the Lower Rio Grande Valley cold weather again hampered vegetable harvest. Tomato and pepper picking continues as weather permits. Light supplies of cabbage moving to market. Onions, carrots, and cabbage making good progress. Pecan harvest remained slow in north and northcentral Texas as cold wet weather continued. Most other areas nearing completion. Citrus harvest remained slow due to poor weather. Dry weather has caused delay in sizing of some groves. Quality of grapefruit continues excellent.

UTAH: Occasional light rain or snow north and central near middle of week and over weekend. Accumulated amounts of moisture generally between 0.25 and 0.50 inch but locally near 1.00 inch in higher mountains. Temperatures quite variable ranging generally near normal. Improvement in weather permitted virtual completion of sugar beet harvest, only 300 to 400 acres still unharvested. Sugar processing at Garland, Utah's only sugar factory, in full progress. Harvest of corn for grain completed last weekend. Sorting, grading, and marketing of potatoes, dry onions, and apples from storage continued. Processing of Utah's 2d largest ever turkey crop in final 3 weeks at State's 4 turkey plants - Ogden, Salt Lake, Moroni and Salina. Care and feeding of cattle and lambs in feedlots and on valley farms plus care of dairy cattle and poultry flocks major activities.

VIRGINIA: Temperatures above normal beginning and end and below normal at mid-period. Rain, freezing rain, and sleet mostly on Thursday and Friday. Days suitable for fieldwork averaged 1.5. Topsoil moisture 81% surplus. Corn 4/5 harvested, soybeans 60%, peanuts 98%, cotton and grain sorghum about 50% harvested. Considerable small grains yet to plant. Stripped, graded, and marketed burley tobacco. Stripped and tied sun- and fire-cured tobacco. Markets will open December 5. Home butchering of hogs active.

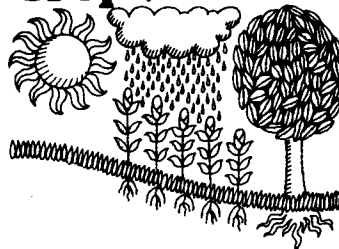
WASHINGTON: Western Washington: Temperatures and precipitation near normal with some gusty winds. Carrots being harvested, other vegetables done. Caneberries being pruned and tied when weather permits. Christmas tree and ornamental brush harvest at peak. Livestock in good shape. Eastern Washington: Temperatures 2° to 4° above normal with light precipitation, mostly rain. Orchardists pruning, fertilizing, and baiting for rodents. Sugar beet harvest continues. Winter wheat seedlings growing slowly. Livestock in good shape with limited feeding.

WEST VIRGINIA: First major statewide snowfall November 30 varied from 2 to 5 inches but melted following day. Sunny days November 29 and December 2. Temperatures below normal most of week but mild and damp December 3 and 4. Most farm work routine chores and caring for livestock. Some grazing still available. Livestock remain in good condition. Corn harvest not complete due to wet fields.

WISCONSIN: Cold wintry weather with frequent snow flurries. Average temperatures from 5° to 10° below normal. Temperatures below zero in north at end of period. A little additional corn picked as frost depths increased several inches. About 80% of corn harvested. Most remaining acreage in lowlands in extreme southern tier of counties and east-central areas around Lake Winnebago. Much corn quite moldy, average moisture content about 26%. Soybeans 75% combined, most remaining acreage in southeast. Fall plowing stopped for the season at approximately 75% completed. A light and fluffy snow cover ranging in depth between 1 and 2 inches in north and south and 4 to 6 inches across central covers State.

WYOMING: Snow fell over most of State, heaviest in southeast mountains. Foxpark reported the most moisture with 1.87 inches. Temperatures averaged near to a little below normal except 3° to 10° below normal over Platte Drainages. Maxima mostly 40's west of Divide and Platte Drainages, 50's elsewhere. Minima mostly 10° to -15° statewide. Temperature extremes: 59° at Sheridan and -24° at Lost Cabin. Snow made feeding and care of livestock more difficult. Feed supplies adequate. Range condition good to excellent in most areas. Moisture supply adequate for winter wheat seedlings.

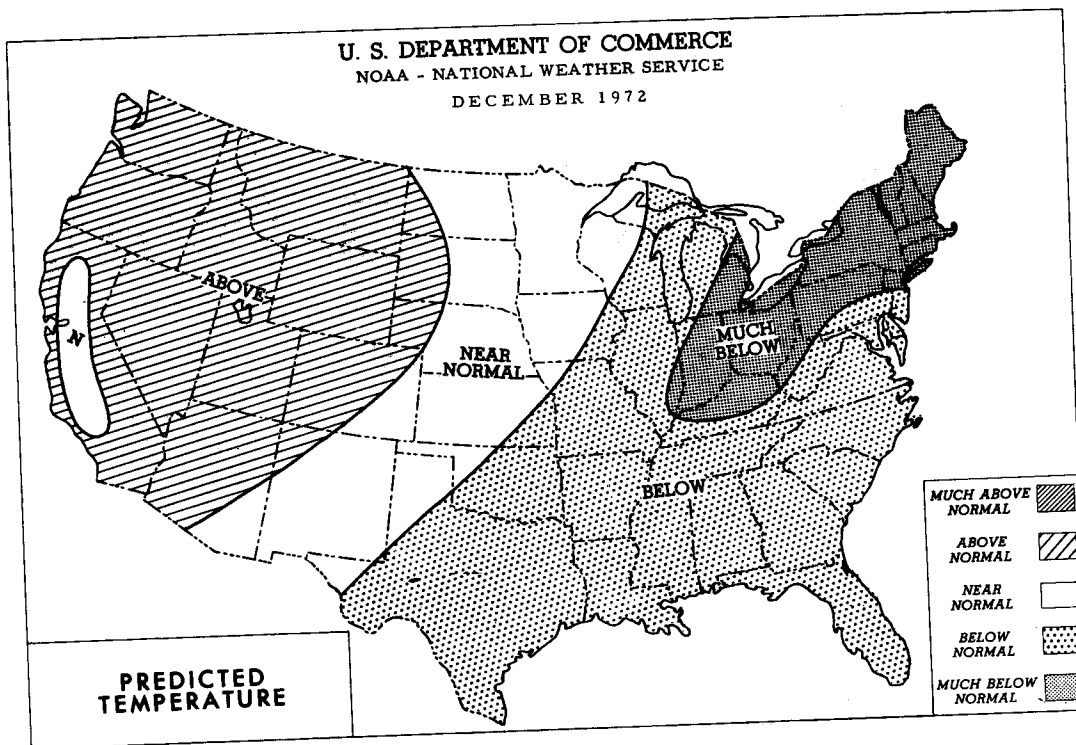
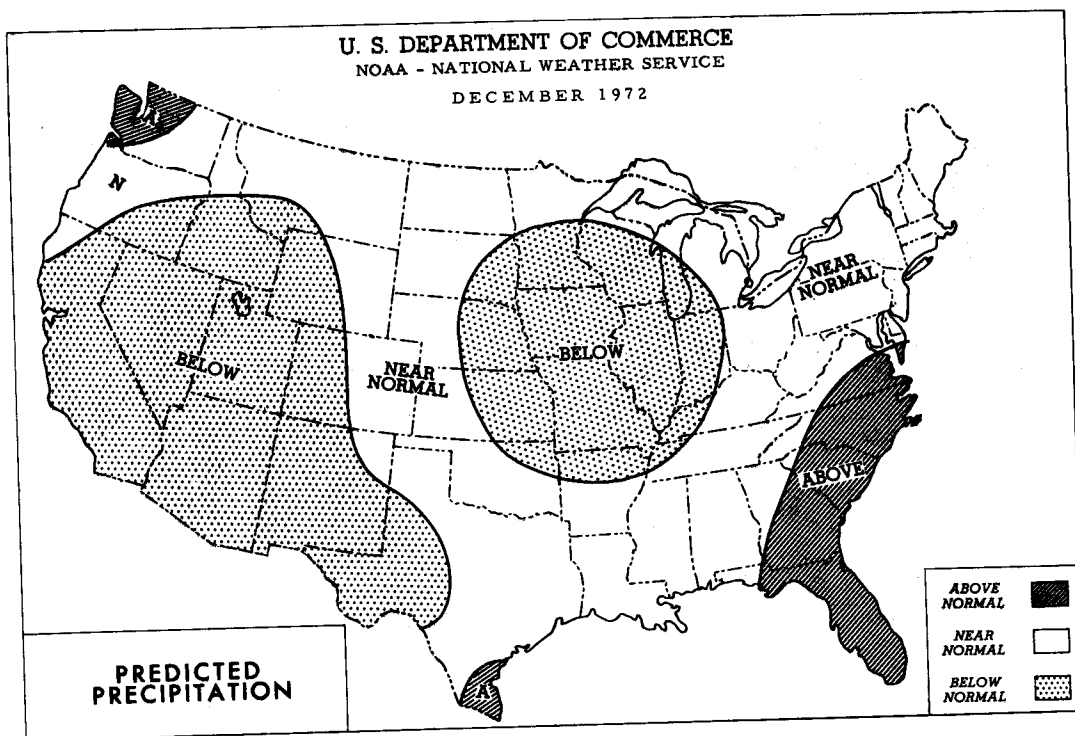
Weather & Crop Service



1872-Centennial-1972

U.S. Department of Commerce
U.S. Department of Agriculture

AVERAGE MONTHLY WEATHER OUTLOOK



The above prognostic charts show the expected categories of average temperature and total precipitation for the period indicated. They were extracted from the Weather Service's publication "Average Monthly Weather Outlook" which contains additional information necessary for complete interpretation.



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Heating Degree Days (Base 65° F.) NOVEMBER 1972

ALA. Birmingham . . .	486	MAINE, Caribou . . .	1130	OKLA. Okla. City . .	640
Mobile . . .	284	Portland . . .	893	Tulsa . . .	629
Montgomery . . .	378	MD. Baltimore . . .	649	OREG. Astoria . . .	525
ALASKA, Anchorage . .	-----	MASS. Boston . . .	673	Burns . . .	888
Barrow . . .	-----	Chatham . . .	-----	Medford . . .	600
Fairbanks . . .	-----	MICH. Alpena . . .	911	Pendleton . . .	663
Juneau . . .	907	Detroit . . .	822	Portland . . .	497
Nome . . .	-----	Flint . . .	825	Salem . . .	552
ARIZ. Flagstaff . . .	1055	Grand Rapids . . .	867	PA. Allentown . . .	746
Phoenix . . .	205	Houghton Lake . . .	932	Erie . . .	820
Tucson . . .	358	Lansing . . .	884	Harrisburg . . .	686
Winslow . . .	681	Marquette . . .	950	Philadelphia . . .	635
Yuma . . .	147	S. Ste. Marie . . .	972	Pittsburgh . . .	767
ARK. Fort Smith . . .	648	MINN. Duluth . . .	1167	Scranton . . .	860
Little Rock . . .	530	Internatl Falls . . .	1180	R.I. Providence . . .	717
CALIF. Bakersfield . .	363	Minneapolis . . .	974	S.C. Charleston . . .	268
Eureka . . .	389	Rochester . . .	1005	Columbia . . .	350
Fresno . . .	437	St. Cloud . . .	1049	Greenville . . .	476
Los Angeles . . .	98	MISS. Jackson . . .	400	S. DAK. Aberdeen . .	1033
Red Bluff . . .	473	Meridian . . .	401	Huron . . .	997
Stockton . . .	445	Vicksburg . . .	-----	Rapid City . . .	1010
San Diego . . .	149	MO. Columbia . . .	751	Sioux Falls . . .	984
San Francisco . . .	350	Kansas City . . .	751	TENN. Chattanooga . .	567
COLOR. Denver . . .	960	St. Louis . . .	451	Knoxville . . .	523
Grand Junction . . .	832	Springfield . . .	732	Memphis . . .	583
Pueblo . . .	987	MONT. Billings . . .	915	Nashville . . .	533
CONN. Bridgeport . . .	691	Glasgow . . .	958	TEX. Abilene . . .	550
Hartford . . .	792	Great Falls . . .	856	Amarillo . . .	833
D.C. Washington . . .	543	Havre . . .	947	Austin . . .	375
FLA. Apalachicola . .	-----	Helena . . .	1010	Beaumont . . .	-----
Ft. Myers . . .	35	Kalispell . . .	959	Brownsville . . .	144
Jacksonville . . .	169	Miles City . . .	942	Corpus Christi . . .	188
Key West . . .	76	Missoula . . .	936	Dallas . . .	425
Lakeland . . .	3	NEBR. Grand Island . .	894	Del Rio . . .	283
Miami . . .	54	Lincoln . . .	855	El Paso . . .	480
Orlando . . .	-----	Norfolk . . .	884	Fort Worth . . .	448
Tallahassee . . .	228	North Platte . . .	1047	Galveston . . .	235
Tampa . . .	65	Omaha . . .	871	Houston . . .	320
GA. Atlanta . . .	465	Valentine . . .	1056	Lubbock . . .	672
Augusta . . .	360	NEV. Ely . . .	1019	Midland . . .	551
Macon . . .	327	Las Vegas . . .	453	San Angelo . . .	438
Savannah . . .	239	Reno . . .	803	San Antonio . . .	334
IDAHO, Boise . . .	731	Winnemucca . . .	855	Victoria . . .	264
Lewiston . . .	706	N.H. Concord . . .	1007	Waco . . .	426
Pocatello . . .	860	N.J. Atlantic City . . .	612	Wichita Falls . . .	569
ILL. Cairo . . .	593	Trenton . . .	624	UTAH, Blanding R . .	-----
Chicago . . .	-----	N.MEX. Albuquerque . .	740	Salt Lake City . . .	761
Moline . . .	824	Roswell . . .	-----	VT. Burlington . . .	982
Peoria . . .	855	N.Y. Albany . . .	890	VA. Lynchburg . . .	593
Rockford . . .	-----	Binghamton . . .	937	Norfolk . . .	406
Springfield . . .	795	Buffalo . . .	860	Richmond . . .	513
IND. Evansville . . .	702	New York . . .	653	Roanoke . . .	582
Fort Wayne . . .	809	Rochester . . .	833	WASH. Colville . . .	847
Indianapolis . . .	746	Syracuse . . .	833	Omak . . .	-----
South Bend . . .	801	N.C. Asheville . . .	578	Quillayute . . .	-----
IOWA, Burlington . . .	842	Charlotte . . .	490	Seattle-Tacoma . . .	544
Des Moines . . .	925	Greensboro . . .	562	Spokane . . .	795
Dubuque . . .	961	Hatteras R. . .	257	Walla Walla . . .	641
Sioux City . . .	854	Raleigh . . .	504	Yakima . . .	717
KANS. Concordia . . .	807	Wilmington . . .	299	W. VA. Beckley . . .	737
Dodge City . . .	831	N. DAK. Bismarck . . .	1116	Charleston . . .	642
Goodland . . .	980	Fargo . . .	1089	Huntington . . .	664
Topeka . . .	761	Williston . . .	1089	Parkersburg . . .	658
Wichita . . .	750	OHIO. Akron-Canton . .	755	Huntington . . .	658
KY. Lexington . . .	613	Cincinnati . . .	733	WIS. Green Bay . . .	895
Louisville . . .	628	Cleveland . . .	782	Madison . . .	859
LA. Baton Rouge . . .	252	Columbus . . .	731	Milwaukee . . .	1025
Lake Charles . . .	319	Dayton . . .	771	WYO. Casper . . .	1056
New Orleans . . .	293	Toledo . . .	810	Cheyenne . . .	1105
Shreveport . . .	419	Youngstown . . .	842	Sheridan . . .	942