

Weekly Weather & Crop Bulletin

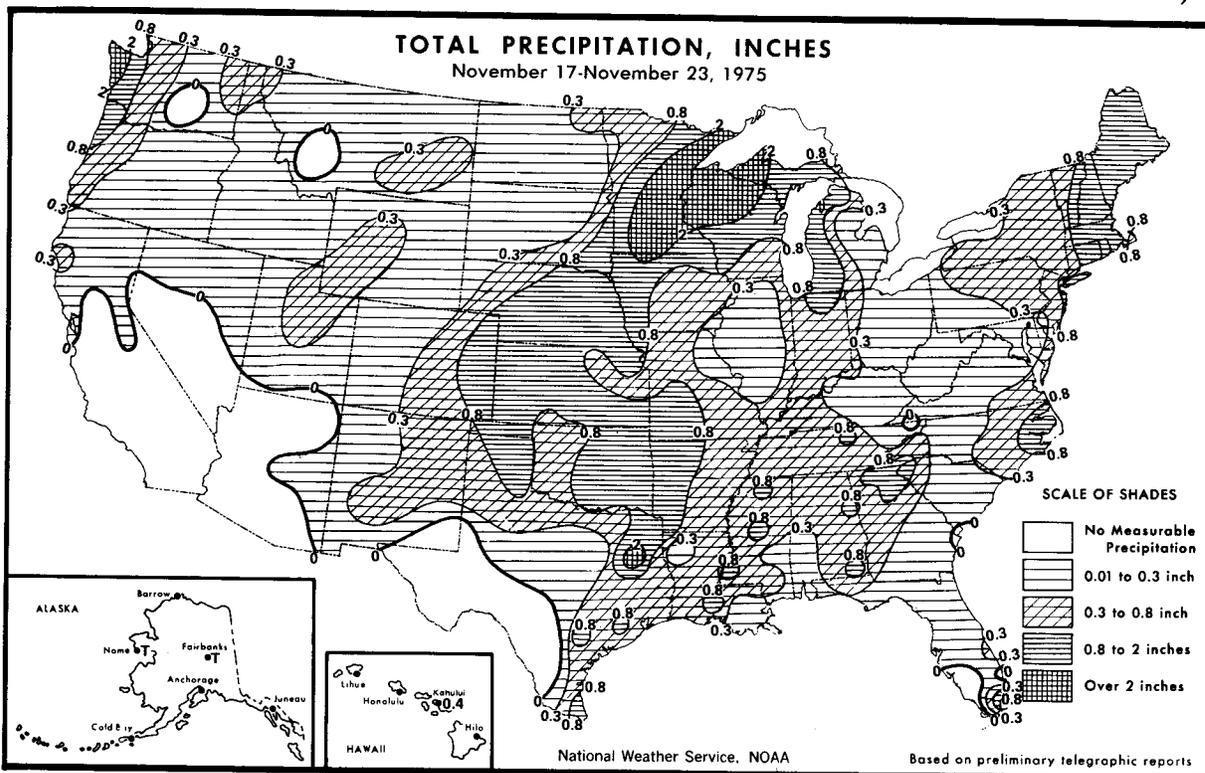
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NATIONAL WEATHER SUMMARY

For the Week of November 17-23

HIGHLIGHTS: A cold front cutting into the Plains sharply divided weekly temperatures across the Nation. In the western half, readings ranged up to 10° below normal for late November, and in the eastern half, up to 10° above normal. A winter storm out of the central Rockies carried heavy snow and strong winds from the central Plains to the western Great Lakes region. Losing strength at the end of the week, the storm left most of the Nation in the grip of much colder temperatures.

Forecasters warned of severe weather ahead as a winter storm began its slow build-up in the central Rockies on Monday. During the day scattered rain and snow showers reached from the Rockies to the Pacific Northwest Coast.

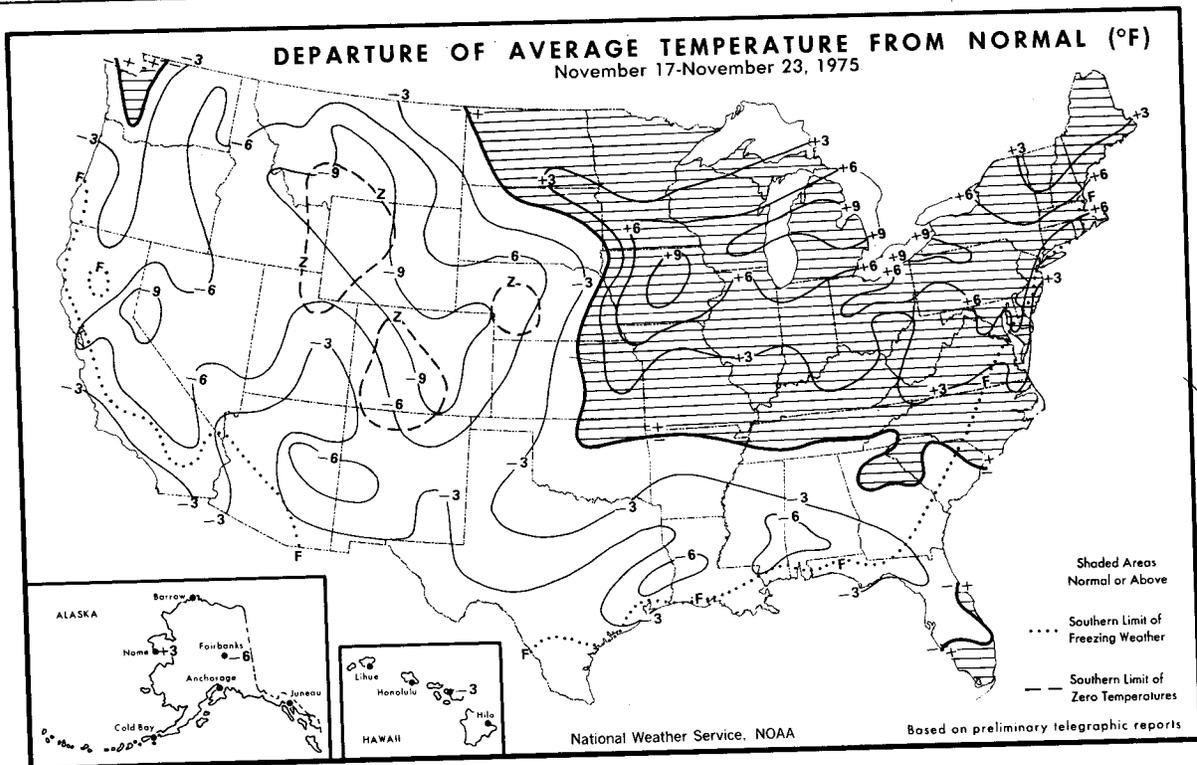
Not far away, however, Colorado Springs, Colo. shot up to a record high temperature of 73°. Elsewhere Alpena, Mich., 66°, chalked up a record high.

Meantime lots of sunshine brightened areas from the Mississippi Valley eastward to the Atlantic Coast. Mostly sunny skies also favored the southern Rockies and much of California.

Tuesday saw the center of the storm taking shape over eastern Colorado. As moist Gulf air fed into the storm from the Southeast, cold air moved in from the North. Morning snowfall extended from northern Utah into Wyoming and southern Montana. At 7 a.m. Livingston, Mont. measured 15 inches of snow. Cold air enveloped most of the West. In contrast, temperatures ranged above normal over most of the East.

East of the Mississippi River, limited precipitation included a few scattered showers along the western Gulf and southern Atlantic Coasts. Light rains also dampened the northern third of the Mississippi Valley.

The cold front cutting across the northern



Plains on Wednesday morning marked a sharp temperature contrast in central U.S. Nighttime readings moved into the 50's and 60's ahead of the front and in the 20's and 30's just behind.

To the southwest the winter storm dumped more heavy snow in the central Rockies and west central Plains. Associated with the storm strong winds gusted to over 40 mph in the southwestern Plains.

At midday blizzard conditions--including near zero visibilities from wind-whipped snow--extended from eastern Colorado and western Kansas through central Nebraska. Snow closed roads throughout the area.

As the storm penetrated the Plains during the day, showers and thundershowers erupted from the eastern Plains into the Mississippi Valley.

In the evening low pressure centers over Kansas and Iowa strengthened, adding to the heavy snow and strong winds that already swept across a wide area of the Midwest.

By Thursday heavy snow and strong winds dominated portions of the northern and central Plains, upper Mississippi Valley, and northern Great Lakes region. Heaviest snow occurred from eastern Nebraska into northern Minnesota, where blustery winds whipped snow into drifts up to 5 feet deep. Zero visibility immobilized many areas.

Looking at the eastern half of the Nation, rain and thunderstorms preceeded the leading edge of cold air from lower Michigan through the central Ohio Valley to southeast Louisiana. As evening approached, the cold air pulled stormy weather into upper portions of the Great Lakes region and Mississippi Valley, where high winds and blowing snow reduced visibility.

After dumping heavy snow from the central Plains

to the western Great Lakes region, the big storm weakened as it drifted slowly northeast. On Friday heavy snow continued in upper Michigan but turned to flurries in the upper Mississippi Valley and southwest Great Lakes region. Winds also diminished in the Midwest, but not before stirring up 20-foot waves on Lake Superior.

In general, though, weather conditions throughout the Nation's midsection improved at the end of the week. Skies cleared eastward from the Great Plains to the Mississippi Valley. Snow flurries hovered over the Great Lakes region and Ohio Valley.

In the wake of the snow storm, much colder air swept across the country on Saturday, penetrating deep into the South. Morning temperatures in the 30's ranged along the Gulf Coast from northern Florida to southeast Texas. Readings in the teens and below froze areas from the upper Mississippi Valley into the southern Rockies, where Alamosa, Colo. sank to a record low of 15° below zero.

Limited weekend precipitation included drizzle and snow flurries in parts of Arkansas, Louisiana, and Mississippi.

Unseasonably cold temperatures prevailed across most of the Nation on Sunday. In the morning the mercury dropped to below zero in the upper Mississippi Valley and west central Plains. From the upper Great Lakes into the northern Intermountain region, the border States claimed the Nation's coldest afternoon temperatures. Duluth, Minn. measured only 14°. In many cities temperatures ranged to 20° below seasonal normals. One example: Jacksonville, Fla., 56°. Meanwhile extreme southern California basked under temperatures in the 80's, making it the Nation's only warm spot.

NATIONAL AGRICULTURAL SUMMARY

For the Week of November 17-23

HIGHLIGHTS: A major winter storm with blizzard conditions stopped most farming activity in its path. The storm caused light to moderate livestock losses and placed great stress on animals not in confinement. The snow added much needed moisture to winter wheat in previously dry areas. Nationwide, corn for grain was 98% harvested and soybeans advanced to 91% complete by November 23. Winter wheat seeding reached 96% complete.

SMALL GRAINS: Rain and snow provided much needed moisture to small grains over the Great Plains. By November 23, seeding of winter wheat was 96% finished; normally seeding is virtually complete in most States.

Winter wheat received beneficial moisture in Kansas, where the 1976 crop is short and not very well rooted. Greenbugs were active in some areas prior to the snowstorm. In Texas, only a few fields remain to be seeded, and recent moisture on the High and Low Plains boosted dryland wheat prospects. Winter wheat in Oklahoma was 82% up to stand, much behind last year's 98%.

Moisture was beneficial in Colorado. In Nebraska, wheat condition was poor to mostly fair and high winds left little or no snow cover on some fields. Moisture in wheat fields was good in Washington and stands are excellent.

CORN: The 1975 corn for grain harvest is in the final stages. By November 23, the Nation's corn harvest was 98% finished, versus 86% in 1974 and the usual 84%.

In the North Central States, harvest was virtually complete by the 23d, far ahead of 85% last year and the average 83%. Most States in this region were either finished or in the windup stage. Progress in Indiana and Michigan is the furthest behind at 95% finished, but still far ahead of both the 1974 and normal levels.

Corn harvesting continues to make excellent progress in the South, where over 90% has been picked in both the South Atlantic and South Central States. Harvest ranges from 83% finished in Tennessee to complete in South Carolina and Texas.

COTTON: Cotton picking made good progress in most major States, however, rain late in the week slowed harvest in many areas. By November 23, cotton picking, at 54% done in the major Southern States, was ahead of last year's pace.

Cold, damp weather forced pickers out of fields in the Texas High and Low Plains. The States cotton was 40% harvested, equaling the average rate. Harvest was only 8% complete in Oklahoma, 59% in Alabama, 66% in Mississippi, 69% in Georgia, and 77% in Louisiana--all trailing the 1974 and average levels.

The first pick of cotton was well along in California's San Joaquin Valley. In New Mexico harvest was 40% finished, while in Arizona cotton was being harvested in all areas.

SOYBEANS: Soybean harvesting was virtually complete in most Northern States and gaining momentum in the Southern States, where earlier freezes helped improve conditions. By November 23,

91% of the Nation's soybean crop was harvested, ahead of both 88% in 1974 and average 85%.

In the North Central States, soybean harvesting was finished or virtually complete in all States except Missouri where 97% has been harvested, versus only 77% a year ago.

Southern soybean harvesting advanced 14 points to 78% complete, surpassing 75% in 1974 and the average 71%. Harvest ranged from only 50% done in South Carolina to 97% finished in Texas. Combining was 79% complete in Mississippi, 80% in Tennessee, 89% in Arkansas, and 93% in Louisiana.

OTHER CROPS: Sorghum grain combining was 99% finished in the seven major States versus 82% in 1974 and the normal 90%. Harvest was 88% done in Oklahoma and either complete or virtually complete in all other major States.

Burley tobacco stripping was active in Kentucky when weather permitted. In Tennessee, 74% was stripped, versus 68% a year ago. Warehouse auctions began for Burley tobacco on November 24.

Sugarcane harvest was underway in Florida. In Louisiana, tonnage is lower than expected and harvest was 56% complete, slightly ahead of last year and normal.

Peanut harvest was rapidly moving toward completion in Texas with 99% complete, versus 79% in 1974 and 89% average.

FRUITS AND NUTS: Citrus harvest continues to lag in Texas. In California poor maturity tests on Navels continue to hold back harvest. Scattered subfreezing temperatures in the lower San Joaquin Valley caused negligible damage to citrus. California tangerine, lemon, and grapefruit harvests were increasing. Citrus tree condition remains excellent in Florida, where light showers helped and several growers are irrigating. Fresh and processing harvests are active.

VEGETABLES: Most vegetables (except cucumbers) in Florida are recovering from the previous week's frost and wind damage. Planting continued active on most crops; harvests were active, but varied. Volume was decreasing on sweet corn, cucumbers, eggplant, squash, and tomatoes; steady on snap beans and radishes; and increasing on celery, escarole, lettuce, and peppers. In Texas, plantings continue but cool weather slowed growth. Supplies were available for carrots, cabbage, collards, eggplant, mustard, parsley, peppers, and turnips. Broccoli, cauliflower, and celery were in good volume in California. Artichoke supplies were moderate and brussels sprouts and cantaloups were nearly complete.

PASTURES AND LIVESTOCK: Blizzard conditions and snow drifts caused extra stress to livestock in the storm areas. Death losses were minimal in most States, but heavy in some localized situations. Stockmen increased supplemental feeding in many areas where the snow cover and frost slowed pasture and range growth. In Oklahoma, moisture improved the outlook for grazing small grains. In Texas, stands are short but livestock continue to move into fields.

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

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 . . .	49	-2	.4	-.5	La. Baton Rouge . . .	53	-4	.2	-.8	Youngstown	45	+7	.2	-.5
Mobile	54	-3	.2	-.7	Lake Charles	54	-5	.3	-.7	OKLA. Okla. City . . .	47	0	.9	+ .6
Montgomery	49	-4	.5	-.4	New Orleans	54	-5	.1	-.9	Tulsa	48	0	1.1	+ .7
ALASKA. Anchorage . .	---	---	---	---	Shreveport	52	-2	.2	-.7	OREG. Astoria	44	-2	.9	+1.5
Barrow	---	---	---	---	MAINE. Caribou	31	+2	.9	+ .1	Burns	28	-5	.2	-.2
Fairbanks	-6	-6	T	-.1	Portland	42	+5	.9	-.3	Medford	39	-3	T	-.8
Juneau	---	---	---	---	MD. Baltimore	50	+6	.2	-.6	Pendleton	34	-6	.1	-.3
Kodiak	---	---	---	---	MASS. Boston	51	+7	.9	-.2	Portland	43	-1	.4	-1.0
Nome	17	+3	T	-.2	Chatham	48	---	.4	---	Salem	40	-4	.8	-.7
ARIZ. Flagstaff	32	-3	T	-.3	MICH. Alpena	40	+7	.6	0	PA. Allentown	48	+7	.5	-.4
Phoenix	55	-3	0	-.1	Detroit	45	+7	.2	-.4	Erie	47	+9	.3	-.6
Tucson	54	-3	0	-.1	Flint	46	+10	.2	-.3	Harrisburg	49	+7	.5	-.3
Winslow	34	-7	T	-.1	Grand Rapids	44	+7	.9	+ .2	Philadelphia	51	+7	.3	-.5
Yuma	58	-4	0	-.1	Houghton Lake	41	+9	.2	-.4	Pittsburgh	44	+5	.2	-.4
ARK. Fort Smith	47	-2	.9	+ .2	Lansing	44	+8	.5	0	Scranton	46	+7	.7	0
Little Rock	46	-3	.6	-.3	Marquette	35	+3	1.1	+ .4	R.I. Providence	47	+5	1.0	-.1
CALIF. Bakersfield . . .	50	-4	0	-.2	Muskegon	45	+8	1.0	+ .3	S.C. Charleston	54	-1	.1	-.4
Eureka	46	-5	.2	-1.2	S. Ste. Marie	34	+3	.6	-.2	Columbia	51	-1	.1	-.5
Fresno	45	-7	0	-.3	MINN. Duluth	27	+1	2.4	+2.0	Greenville	49	0	.3	-.4
Los Angeles	59	-3	0	.5	Internatl Falls	23	+1	.8	+ .5	S.D. Aberdeen	31	+3	.2	+ .1
Red Bluff	48	-4	.1	-.7	Minneapolis	35	+5	2.3	+2.0	Huron	28	-2	.1	0
San Diego	59	-1	0	-.3	Rochester	37	+7	1.2	+1.0	Rapid City	28	-5	1	0
San Francisco	48	-6	T	.6	St. Cloud	28	+1	2.1	+1.8	Sioux Falls	28	-2	1.5	+1.3
Stockton	46	-5	T	.4	MISS. Jackson	49	-5	.3	-.7	TENN. Chattanooga . . .	46	-1	.8	-.2
COLO. Denver	28	-10	.4	+ .3	Meridian	47	-6	.2	-.7	Knoxville	49	+1	.3	-.6
Grand Junction	34	-4	.1	0	MO. Columbia	44	-2	.2	-.2	Memphis	49	0	.5	-.5
Pueblo	29	-10	.3	+ .2	Kansas City	44	+3	.5	+ .2	Nashville	48	+1	.3	-.6
CONN. Bridgeport	48	+4	.5	-.4	St. Louis	45	+2	.2	-.4	TEX. Abilene	49	-3	.2	0
Hartford	46	+7	1.0	-.1	Springfield	45	+1	1.0	+ .5	Amarillo	40	-4	.7	+ .6
D.C. Washington	52	+6	T	-.7	MONT. Billings	23	-11	.4	+ .2	Austin	55	-2	.3	-.2
FLA. Apalachicola . . .	57	-3	T	.7	Glasgow	24	-2	.1	0	Beaumont	55	-4	.3	-.8
Daytona Beach	64	0	.3	-.1	Great Falls	24	-9	T	-.2	Brownsville	65	-2	1.6	+1.3
Ft. Myers	69	+1	0	-.3	Havre	22	-5	T	-.1	Corpus Christi	64	0	.1	-.3
Jacksonville	58	-2	T	.4	Helena	24	-6	T	-.2	Del Rio	58	0	T	-.1
Key West	74	0	0	.5	Kalispell	24	-5	.2	-.2	El Paso	47	-3	T	-.1
Lakeland	65	-1	T	.4	Miles City	24	-6	.8	+ .7	Fort Worth	52	-2	.1	-.4
Miami	72	+1	1.4	+ .9	Missoula	23	-8	.1	-.1	Galveston	59	-3	.6	-.2
Orlando	65	0	.2	.1	NEBR. Grand Island . . .	31	+5	1.0	+ .9	Houston	54	-6	.3	-.7
Tallahassee	53	-4	T	.7	Lincoln	38	+1	1.5	+1.3	Lubbock	44	-3	0	-.1
Tampa	64	-2	T	.4	Norfolk	30	-4	1.7	+1.6	Midland	47	-4	T	-.1
W. Palm Beach	70	0	0	.4	N. Platte	26	-8	.9	+ .8	San Angelo	49	-5	T	-.2
GA. Atlanta	51	+1	.8	0	Omaha	42	+7	1.2	+ .9	San Antonio	57	-1	T	-.4
Augusta	52	0	.1	.4	Valentine	24	-8	.7	+ .6	Victoria	59	-2	.5	0
Macon	52	-2	.3	.3	NEV. Ely	24	-8	.1	0	Waco	53	-3	.1	-.4
Savannah	54	-2	T	.5	Las Vegas	48	-3	T	-.1	Wichita Falls	50	-1	.3	0
HAWAII. Hilo	---	---	---	---	Reno	28	-11	T	-.2	UTAH. Blanding	34	-2	.1	0
Honolulu	---	---	---	---	Winnemucca	30	-6	.1	-.1	Salt Lake City	31	-6	.7	+ .4
Kahului	72	-3	.4	.2	N.H. Concord	46	+3	1.0	0	VT. Burlington	38	+3	.7	0
Lihue	---	---	---	---	N.J. Atlantic City	46	+2	.8	-.2	VA. Lynchburg	49	+4	.2	-.4
IDAHO. Boise	32	-6	.1	.2	Trenton	51	+6	.6	-.2	Norfolk	53	+3	.5	-.2
Lewiston	33	-6	.2	.1	N.MEX. Albuquerque . . .	38	-5	.2	+ .1	Richmond	51	+3	.1	-.7
Pocatello	26	-8	.2	.1	Roswell	42	-3	T	0	Roanoke	48	+3	T	-.6
ILL. Cairo	47	+1	.4	.6	N.Y. Albany	43	+5	.6	-.1	WASH. Colville	27	-6	.2	-.3
Chicago	45	+7	.3	.2	Binghamton	44	+8	.4	-.3	Omak	28	-5	T	-.4
Moline	43	+6	.2	.2	Buffalo	46	+8	.3	-.6	Quillayute	42	1	4.1	+ .8
Peoria	42	+4	.2	.3	New York	51	+5	.8	-.1	Seattle-Tacoma	44	0	.5	-.9
Rockford	40	+5	.2	.4	Rochester	46	+7	.1	-.6	Spokane	28	-6	.5	-.1
Springfield	44	+4	.1	.4	Syracuse	45	+6	.6	-.2	Walla Walla	35	-6	.2	-.3
IND. Evansville	45	+2	.3	.5	N.C. Asheville	45	0	.3	-.4	Yakima	32	-5	T	-.3
Ft. Wayne	43	+5	.4	.2	Charlotte	50	+1	.2	.5	W.Va. Beckley	45	+5	.2	-.5
Indianapolis	43	+3	.3	.5	Greensboro	49	+2	.1	-.5	Charleston	47	+3	.2	-.5
South Bend	46	+8	1.0	+ .4	Hatteras	55	0	1.4	+ .3	Huntington	47	+3	T	-.7
IOWA. Burlington	43	+6	.1	.3	Raleigh	50	+1	.6	-.1	Parkersburg	45	+2	.2	-.4
Des Moines	44	+9	.4	+ .1	Wilmingtton	56	+2	1.9	+1.2	WIS. Green Bay	38	+6	1.3	+ .9
Dubuque	41	+8	.4	.2	N.DAK. Bismarck	28	+2	.1	0	La Crosse	40	+7	1.3	+ .9
Sioux City	33	-1	1.8	+1.6	Fargo	27	+1	.3	+ .2	Madison	41	+9	.4	0
KANS. Concordia	39	0	.7	+ .6	Williston	25	0	.2	+ .1	Milwaukee	43	+9	.3	-.2
Dodge City	38	-3	.8	+ .7	OHIO. Akron-Canton	46	+7	.1	-.5	WYO. Casper	26	-6	T	-.1
Goodland	29	-7	1.5	+1.4	Cincinnati	46	+4	.2	-.6	Cheyenne	26	-8	.1	0
Topeka	45	+4	.9	+ .6	Cleveland	45	+5	.1	-.5	Lander	18	-11	.5	+ .3
Wichita	43	0	.9	+ .6	Columbus	43	+3	.1	-.6	Sheridan	23	-8	.2	0
KY. Lexington	46	+3	.1	-.7	Dayton	46	+6	.2	-.4	P.R. San Juan	79	+1	4.3	+3.0
Louisville	47	+4	.2	-.6	Toledo	43	+5	.1	-.5					

Based on 1941-70 Normals

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STATE SUMMARIES OF WEATHER AND AGRICULTURE

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State offices in cooperation with the National Weather Service, NOAA.

ALABAMA: Week started with temperatures above normal and ended below. Cold front swept through bringing cold temperatures, winds and rains on 21st. Harvesting of corn, soybeans, and cotton and planting of small grains continued as weather permitted. Corn harvest 86% complete, 91% 1974, 89% average. Soybean harvest 74% complete, 84% 1974, average 78%. Cotton bolls slow in opening, 59% harvest complete, 83% 1974, 78% average. Small grains 81% seeded. Soil moisture adequate; pastures fair to good.

ARIZONA: Scattered light rain, snow showers, north, east. Temperatures 2 to 8° below normal. Cotton harvest statewide, yields satisfactory. Harvest Yuma County continues, plowing of residues underway. Grain sorghum harvest continues. Top growth sugarbeets advanced. Seedbed preparation, pre-irrigation small grains and safflower. Harvest alfalfa underway. Lettuce harvest full swing Yuma, Salt River Valley. Harvest mixed vegetables good progress. Red chili harvest active Cochise. Fall melon harvest complete. Navel oranges, Algerian tangerines, lemons and limited grapefruit picking Salt River Valley. Lemon harvest full swing Yuma. Harvest navel oranges increasing. Cattle, calves good condition. Range forage fair. Fall calving, lambing progressing.

ARKANSAS: Harvest was interrupted by midweek rains, but showers helped pastures and small grain growth. Fieldwork: 4.8 days. Soil moisture adequate. Freezing temperatures killed immature cotton bolls. Harvest rapidly ending; picking 88% complete, 66% 1974. Stalks disked. Late varieties of soybeans harvested; combining 89% complete, 68% 1974. Many harvested fields planted to wheat. Small grain planting almost complete, 91% intended acreage sown. Few wheat fields yellowed by waterlogged soils, especially after rice. Cattlemen feeding hay, month earlier than normal. Pastures providing adequate grazing in Delta, other areas deficient. Cattle in good condition, marketings above average.

CALIFORNIA: Rain north and central 15th and 16th, showers north 19th and 20th; 1.00 to 2.00 in. north coast and northern mountains about 1.00 in. north Sacramento Valley and light other areas. Otherwise, fair with night and morning valley for north and central areas. Highs 50's and low 60's Central Valley; 50's north and central coast, 60's south coast, and 60's and 70's low southeast deserts. Lows in 30's and 40's Central Valley, near 30 San Joaquin Valley and mid 20's north and central coast valleys midweek. Low deserts in 30's and 40's. Averages mostly 1 to 6° below all areas.

North winds drying ground. Field preparation and planting small grain active. Rice harvest complete some counties. First pick of cotton well along San Joaquin Valley. Scattered sub-freezing temperatures lower San Joaquin Valley caused negligible damage to citrus. Poor maturity tests on Navels continue to hold back harvest. Tangerine, lemon, grapefruit harvest increasing. Broccoli, cauliflower, carrots, celery in good volume. Artichoke moderate. Brussels sprouts and cantaloup nearly complete. Fresh market tomato past peak. Lettuce complete Salinas, declining San Joaquin, increasing Palo Verde.

Cool, frosty mornings slowed growth most grasses, but range feed conditions good most northern ranges. Central Valley ranges and pastures need of rain, some deterioration started. Stock water supplies adequate. Livestock good condition. Fall calving, lambing nearly complete. Predator losses light, supplemental feeding continues. Beekeepers beginning to provide supplemental feed colonies.

COLORADO: Major winter storm blizzard proportions 18th and 19th, affecting eastern plains. Strong northerly winds gusting 50 mph drifted snow on plains closing many main highways. Snow amounts varied from 5 in. north to nearly 14 in. south-east. Strong northerly winds into 20th. Temperatures moderated 21st into weekend. Snow occurred mountains and east 21st and night 23d. Alamosa in San Luis Valley tied all-time record low of 15° below zero on 22d.

Fall crop harvest in clean-up stage with little progress past week due weather. Moisture from storms beneficial winter wheat and improving soil moisture conditions. Blizzard conditions placed great amount stress on livestock not in confinement.

FLORIDA: Above normal temperatures prevailed most of period until weekend cold front brought near freezing temperatures north, northwest and cold weather elsewhere. Temperatures averaged near or slightly above normal. Rainfall was light averaging less than 0.25 in.

Soil moisture mostly adequate west, becoming short other areas. Soybean and hay harvest about complete. Cotton picking continues. Small grains good condition; planting continues. Pecan harvest and marketing active. Sugarcane in good condition, harvest underway. Grazing conditions poor to fair. Some frost damage to green growth on permanent pastures in Panhandle. Light grazing has begun on small grain pastures in some areas. Cattle, calves mostly fair to good condition. Citrus tree condition excellent, light showers helped. Several growers irrigating. Fresh and processing harvest active. Vegetables recovering from last week's frost and wind damage, except cucumbers. Plantings active most crops. Harvest active but varied. Decreasing in volume are sweet corn, cucumbers, eggplant, squash and tomatoes. Snap beans and radishes steady supply. Increasing in supply are celery, escarole, lettuce and peppers. Cabbage light volume. Strawberry plantings complete.

GEORGIA: Temperatures near normal central, 2° below north and south. Averages mid-40's mountains, low 50's north and mid-50's elsewhere. Rainfall 0.50 in. northwest, less 0.25 in. east, central and southwest, none southeast. Snow fell north of Atlanta-Gainesville line over weekend. Mostly 1 to 2 in., up to 4 in. at Blairsville.

Soil moisture adequate. Harvest active. 5 days suitable. Condition corn fair to mostly good, 88% harvested, same as 1974. Cotton fair to good, 69% harvested, 1974 87%. Soybeans 61% combined, 1974 78%, condition fair to mostly good. Pecan harvest 57% complete, 1974 54%, condition mostly fair. Wheat 69% planted, rye 87%, other small grains 82% complete. Pasture condition fair to good. Cattle fair to mostly good. Hogs good condition.

HAWAII: Showers becoming frequent on all Islands, alleviating some dry areas especially on Kauai. Weather getting cooler.

Vegetable supplies adequate. Further increase in tomato production on Maui and Hawaii. Banana supplies heavy. Papaya harvest active. Pineapple harvesting light. Sugar harvest slowing down. Pastures improving on all Islands. Getting needed moisture.

IDAHO: Mild early week, cool trend during week. Temperatures 1 to 5° below normal. Extremes: low 60's to 4°. Precipitation variable, from 0.28 in. below normal Lewiston to 0.23 in. above normal Mountain Home. Grangeville received greatest amount at 0.48 in.

Sugarbeet harvest wind-up stage southwest. Some plowing and chiseling south central and south-east. Fall calving active. Some supplemental feeding necessary north because of snow cover. Cattle in relatively good condition.

ILLINOIS: Temperatures 4 to 8°. Above normal north, 2° above normal south. Precipitation 0.10 to 0.33 in.

Corn harvest virtually complete, 81% 1974, average 78%. Soybean harvest complete, virtually complete 1974, average 93%. Plowing 1976 corn and soybeans 68% complete, 42% 1974, average 44%. Winter wheat seedings mostly good to excellent condition. Pastures mostly fair to good, supplying 40% livestock roughage requirements. Soil moisture 16% short, 80% adequate, 4% surplus. Fieldwork: 5.5 days suitable.

INDIANA: Temperatures from 19 to 71°. Daily highs in 50's, low's in 30's and 5° above normal. Precipitation 0.20 in. east and southeast to 0.60 in. northwest. One or two in. of snow north and central on 20th.

Soil temperatures in 40's. Fieldwork averaged 5 days. Top soil and subsoil moisture adequate. Corn 95% harvested, 1974 65%, average 75%. Sorghum grain 95% combined, 1974 65%. Land for spring planting 45% plowed, 1974 25%. Wheat stands improved, good to excellent. Pastures good.

IOWA: Temperatures normal northwest to 6 to 9° above normal southeast. Precipitation well above normal west to below normal east. Unseasonably mild weather early week gave way to much colder at midweek with rain changing to snow. Blizzard conditions extreme northwest 19th night and 20th. Corn harvest virtually complete, 88% 1974, 84% average.

KANSAS: Major winter storm midweek with blizzard conditions northwest and parts southwest on 19th. General moisture over State with heavy snows of 5 to 10 in. northwest and 2 to 4 in. southwest. Water equivalent from 1.00 to 2.00 in. drier areas northwest and extreme west, 0.50 to 1.00 in. east. Temperatures averaged from 31° northwest to 46° southeast or from 4 to 6° below normal west to from 1 to 3° above normal east.

Rains across State midweek followed by blowing snow west. Fieldwork and harvesting halted, but sorghum grain, corn and soybean combining nearly completed before storm. Moisture beneficial to winter wheat, which is short and not well rooted. Greenbugs active some central, south central, southeastern fields before storm. Cattle marketing seasonally heavy. Livestock death loss in west from blizzard not fully known, but believed moderate.

KENTUCKY: Temperatures averaged near normal. Some light rain fell on 20th and averaged 0.25 in.

Precipitation totals ranged from a trace to about 0.33 in. heaviest over west.

Soil moisture mostly adequate. Winter grains growing well going into winter in good shape. Pastures also in excellent condition. Most livestock still grazing. Late harvest corn and soybeans continuing. Burley tobacco stripping active, as conditions permitted. Farmer delivery to warehouses slow pending establishment of market on November 24th, opening day.

LOUISIANA: Temperatures 3° below normal. Weather mild through 20th, colder through weekend. General rain 20th to 21st. Greatest 1-day rainfall, 1.30 in. on 20th. Temperature extremes: 81 and 24°.

Harvest progress excellent, fieldwork possible 5.4 days. Soil moisture adequate. Cotton, soybean, and sugarcane harvest main activities. Soybean harvest 93%, 87% 1974, 82% average. Yields for late planted fields lower, quality fair to poor. Cotton harvest 77%, 79% 1974, 80% average. First picking complete many areas. Sugarcane harvest 56%, 54% 1974, 55% average; tonnage lower than expected. Sucrose and purity above normal. Wheat 93% and oats 96% planted. Pastures fair, limited grazing small grains and ryegrass. Cattle fair.

MARYLAND AND DELAWARE: Temperatures ranged from 4 to 7° above normal. Highs, low 70's; lows, mid-20's. Precipitation ranged from a trace to 1.31 in., heaviest amounts on the Eastern Shore of Maryland.

MICHIGAN: Temperatures averaged 3 to 10° above normal. Maximum temperatures ranged from the upper 60's over southern lower to the low 50's over upper Peninsula. Cooling trend toward late week. Average temperature ranged from the low to mid-30's over upper to the mid-40's over lower. Precipitation varied from over 1.00 in. extreme north lower to 0.10 in. variable to 0.90 in. elsewhere over lower. Snow depth ranged from around 14 in. western upper to around 1 to 2 in. eastern upper and part of northern lower.

Harvest corn for grain 95% complete.

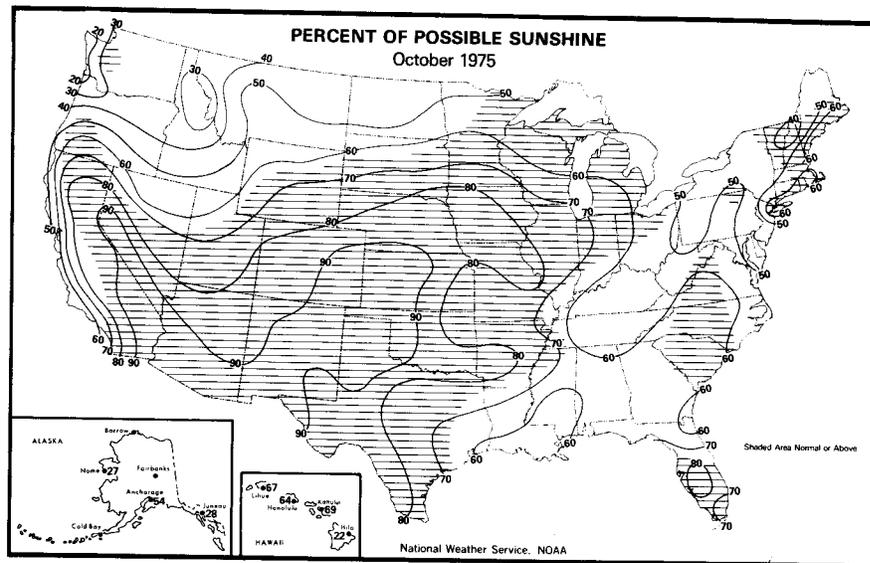
MINNESOTA: Temperatures 2 to 6° above normal east and near to 2° below normal west. Extremes: 68 and -2°. Precipitation very heavy central and southeast 1.50 to 2.50 in. above normal. Severe winter storm and blizzard evening of 19th, through all of 20th produced 24 in. snow extreme southwest with 12 in. snow in heaviest band northeastward across St. Cloud to Duluth. Five to ten inch snows common 75 miles either side of band.

Farmwork mostly confined to care, management livestock. Conditions with county agents indicate only few livestock lost during storm.

MISSISSIPPI: Temperatures near normal. Extremes: 80 and 21°. Greatest 24-hour rainfall was 0.77 in. at Clarksdale on 20th.

Soil moisture ranges from mostly surplus north to mostly adequate south. Fieldwork 3.9 days suitable. Cotton 66% harvested, 73% 1974, 84% average. Soybeans 79% harvested, 71% 1974, 77% average. Rice 97% harvested, 100% 1974. Corn 93% harvested, 90% 1974, 89% average. Pecans 59% harvested, 55% 1974. Winter wheat 91% planted, 91% 1974. Oats 94% planted, 94% 1974. Cotton in poor to fair condition. Soybeans in good condition. Pastures and livestock in fair to good condition.

MISSOURI: Temperatures averaged from 6 to 9° above normal. Precipitation scattered with northeast prairie and Bootheel averaging 0.25 in., re-



maining areas 0.50 to 0.75 in.

Fieldwork: 5 days suitable. Corn and grain sorghum harvest virtually complete. Soybeans 97% harvested, 77% 1974, 76% normal. Cotton 93% harvested, 78% 1974, 76% normal. Winter wheat seeding 97% complete, condition fair to mostly good. Plowing for spring planted crops 63% complete. Pasture conditions fair to good. Soil moisture supply short north. Fuel and fertilizer supplies adequate.

MONTANA: Temperatures averaged near normal north-east to 10° below normal south central. Precipitation below normal except southern areas east of Divide where a foot or more snow fell some areas early week. Clearing and colder midweek. Intermittent snow over State late week.

Winter wheat condition mostly good with adequate soil moisture. Good snow cover protection parts of south central and southeast, little or none elsewhere until late week. Wind damage mostly light. Livestock condition generally good, grazing mostly open lower elevations.

NEBRASKA: Temperatures 17 to 22° above normal before 17th, 4 to 18° below normal thereafter. Blizzard and blizzard-like conditions central and northeast 19th and 20th. Rain preceded snow, combined amounts totaling 0.50 to 2.50 in. moisture.

Topsoil moisture supplies improved. Subsoil moisture supplies remain short. Wheat condition poor to fair. Some fields have little snow cover due to high winds. Corn harvest 100% complete, 1974 95%, normal 80%. Livestock losses appear minimal. Full assessment not yet made. Isolated cases heavy losses. Pasture and range feed supplies 86% short. Greater supplemental feeding will be necessary.

NEVADA: Strong cold front followed by exceptionally cold high pressure system. Temperatures averaged 5 to 8° below normal. Extremes: 1° Ely, 73° Logandale. Light precipitation limited to early week.

Cotton harvest continued Pahrump Valley. Grading and marketing potatoes Winnemucca area.

NEW ENGLAND: Temperatures ranged 5 to 16° above normal all New England, highest in southern area,

on 22d cooler. Rain 21st dropped 0.50 in. south coastal and 1.00 to 1.50 in. elsewhere except Putnam, Ct. 2.03 in., Northbridge, Ma. 1.96 in.

NEW JERSEY: Temperatures averaging 4° above normal, averaging 46° north, 49° south and 50° coastal. Extremes: 22° at Belvidere and Newton and 70° at Freehold. Precipitation 0.12 in. below normal, averaging 0.89 in. north, 0.82 in. south and 0.61 in. coastal. No snowfall reported.

NEW MEXICO: Very warm on 17th followed by storm 18th and 19th which brought most widespread and appreciable precipitation since mid-September. Eight inches of snow accumulation at Chama and 14 in. at Red River. Near blizzard conditions north-east 19th with considerable blowing and drifting snow. Only extreme southeast continued dry.

Soil moisture short, ranges fair, livestock good. Cotton 40% harvested. Lettuce harvest approached completion. Pecan harvest started. Wheat and barley seedings fair to good. Dryland wheat needs more moisture.

NEW YORK: Temperatures above normal. Precipitation below normal over west and extreme north, near to above normal elsewhere. Fair and mild into midweek with temperatures above 60° at several central and southern locations. Rain developed southwest on 20th and spread to remainder of State on 21st. Colder weather over weekend with partly cloudy skies and some flurries interior.

NORTH CAROLINA: Dry weather most of week with mild temperatures. By 21st cold front swept through, bringing moisture and cooler air. Temperatures near normal.

Days suitable fieldwork 4.4. Soil moisture mostly adequate. Soybeans 52% harvested, 1974 73%, average 56%. Cotton 79% picked, 1974 78%, average 78%. Corn 94% combined, 1974 94%, average 80%. Lespedeza seed 85% harvested, 1974 98%, Sorghum grain 87% cut, 1974 93%. Small grains 83% planted, 1974 78%, average 81%. Wheat, oats, barley, and rye fair to mostly good.

NORTH DAKOTA: Temperatures ranged 1.5° to 6° above normal. Extremes: 70 and 0°. Precipitation below normal, except east central and southwest. Precipitation range zero to 0.30 in.

Weekend cool with light snow flurries.

Harvest of sunflowers and corn nearing completion. Livestock good condition.

OHIO: Sunny, mild 17th to 19th. Showers, windy, cooler 20th. Snow 21st and colder 21st to 23d. High temperatures 60's early week, 40's late week. Lows 30's to 40's early week and 20's late week.

Pasture condition very good. Winter wheat still adding growth, very good condition. Warm weather creating some concern about fruit trees. Soil conditions adequate for plowing, harvest of remaining corn and soybean fields.

OKLAHOMA: Temperatures averaged from 1° below normal Panhandle to 6° above normal central and northeast. Precipitation averaged from 0.50 in. Panhandle and extreme west to 0.90 in. east.

Wet weather slowed harvest of row crops. Small grain planting virtually complete. Wheat, 82% up to st and, 98% in 1974. Sorghum harvest 88% complete, well above 59% 1974 and 77% average. Peanut harvest 98% combined, 77% 1974, 85% average. Soybeans 73% harvested. Cotton 8% stripped or picked, 7% 1974, 31% average. Pecans have heavy weevil damage. Cattle remain mostly good condition. Supplemental feeding increasing. Small grain grazing questionable some areas, but outlook brighter than earlier prospects.

OREGON: Temperature extremes 60's, 20's, west; 60's, -2 east. Temperatures averaged 3° below normal. Precipitation along coast ranged 2.23 to 3.33 in. western valleys 0.72 to 1.35 in., east 0.56 in. or less.

Fall seeding, land preparation continuing as weather permits. Considerable acreage may not be seeded. Filbert, walnut harvests continuing. Broccoli, cauliflower, cabbage, carrots, being harvested. Range, pasture growth slow. Most livestock being fed supplemental feed. Feed supplies adequate.

PENNSYLVANIA: Mostly mild, and dry. Temperature maxima 60's, minima 40's until 22d when more seasonable. Average 6 to 10° above normal. Shower activity accompanying cold front produced 0.10 to 0.50 in. rainfall Statewide with few snow flurries northern mountains.

Normal winter farm chores.

PUERTO RICO: Heavy showers over the San Juan caused some local flooding midweek. Island average rainfall 2.32 in. Highest weekly total 10.13 in. at Catano. Highest 24-hour total 7.20 at Dorado. Temperatures averaged 78° on coasts and 72° interior. Extremes: 90 and 55°.

Sugarcane growing normally; cultivation main activity. Plantations affected a little by rains. Coffee harvest slowed by rains. Repair of roads continued. Tobacco planting and transplanting continued but soil erosion slowed fieldwork. Pastures in generally good condition with planting and fertilizing operations underway. Rains caused some damage to food crops and interrupted field operations, but are making good progress.

SOUTH CAROLINA: Temperatures averaged slightly above normal except mountain areas, where temperatures averaged normal. High temperatures upper 60's and 70's except mid-50's on 22th. Rainfall light ranging from trace south to 0.20 in. over mountains.

Harvest of soybeans, cotton, and seeding of fall grains continued. Soil moisture generally adequate. Cotton harvest 86%, 89% 1974, 86% average. Soybean harvest 50%, 75% 1974, 56% average. Wheat seedings 62%, 57% 1974, 56% average.

Oat seedings 76%, 72% 1974, 69% average.

SOUTH DAKOTA: Winter's first blizzard and heavy snow occurred the 19th and 20th over the east. All roads and highways were closed as winds gusted to over 70 mph reducing visibility to near zero. Snow depths of 4 to 8 in. had equivalent moisture ranging from 0.50 to 2.60 in. Temperatures averaged 5° above to 7° below normal. Extremes: 72 and -5°.

Farmers were busy feeding and caring for livestock and shoveling out after the blizzard which left drifts as high as 30 feet over fences and feedlots.

TENNESSEE: Showers and cold front hit on 20th. Rainfall 0.25 to 0.50 in. west, less elsewhere. Temperatures averaged mid to upper 40's.

Soybeans 80% harvested, 1974 and average 71%. Corn 83% harvested, 84% 1974 and average. Cotton 72% picked, 1974 70%, average 75%. Wheat 86% sown, 1974 and average 87%. Growth good, furnishing grazing. Tobacco 74% stripped, 1974 67% average 78%. Warehouse auctions started November 24th.

TEXAS: Southerly winds, mild temperatures early week. Cold front 19th trigger showers. Cool, dry air dominated remainder of the week. Temperatures 2 to 4° below normal. Rainfall also averaged below normal.

Wheat, oats furnish moderate grazing but need additional moisture to maintain present growth rates. Harvest cotton, sorghum, peanuts, soybeans continues on schedule. Cold, wet weather caused delays High, Low Plains, but harvest expected resume shortly. Few fields winter wheat remain High Plains, Blacklands, northeast where reseeded necessary because dry weather. Recent moisture High, Low Plains provided boost for dryland prospects. Grazing short, but livestock continue move on wheat fields. Farmers seeding last oat fields Low Plains, Cross-Timbers, Blacklands where short moisture caused delays. Early stands making vigorous growth Edwards Plateau, central, upper Gulf Coast. Rain Coastal Bend, South central delayed flax seeding, but provided adequate moisture seeding crop. Cold, damp weather High, Low Plains forced farmers from cotton fields. Harvest expected resume fields dry out. Quality, yield potential suffered High Plains. Sorghum harvest rapidly drawing to close High, Low Plains where only few fields remain. Peanut harvest rapidly moving toward completion Cross-Timbers, Low Plains. Harvest excellent fall crop rapidly nearing completion south, south central. Major crops percent planted: wheat 1975 98, 1974 98, average 98; oats 1975 98, 1974 97, average 97; flax 1975 39, 1974 57, average 41. Major crops percent harvested: cotton 1975 40, 1974 34, average 40; sorghum 1975 99, 1974 88, average 94; peanuts 1975 99, 1974 79, average 89; soybeans 97, 1974 71, average 88; sugarbeets 1975 86, 1974 72, average 75.

Lower Rio Grande Valley: Moderate pepper supplies available. Few tomatoes still being picked. Cabbage movement continues light. Onions being planted. Coastal Bend: Cucumber, squash harvest soon complete as result cold temperatures. Laredo: Cool weather not helping tomato growth. San Antonio-Winter Garden: Carrots, cabbage, eggplant, peppers being harvested. Cucumber harvest virtually complete. Spinach making excellent growth. Beet harvest continues. Planting onions, cabbage continues. East: Sweetpotato harvest complete. North: Turnips, collards, mustard, parsley being harvested. Trans-Pecos:

Onion planting complete El Paso County. High Plains: Carrots still being dug. Cooler temperatures throughout State increased pecan harvest activities. Citrus harvest continues lag because of poor prices.

Range, livestock conditions mixed across State. Pastures short, grazing poor Cross-Timbers, Blacklands, northeast, Edwards Plateau; Low Plains, south central Coastal Bend and upper Gulf Coast grazing normal. Livestock good condition for winter. Internal parasites heavy south, east, screwworms continue Low Plains southward. Stockers continue move small grain fields High, Low Plains.

UTAH: Temperatures averages 1° below normal, ranging from 3° below normal north central to near normal in Uintah Basin. Precipitation amounts brought season totals to near normal. Amounts ranged up to 0.67 in., heaviest amounts north central northern mountains. Accumulated snow on ground range from 2 in., in valley to 5 in. northern mountains.

Care and feeding of cattle and sheep on winter

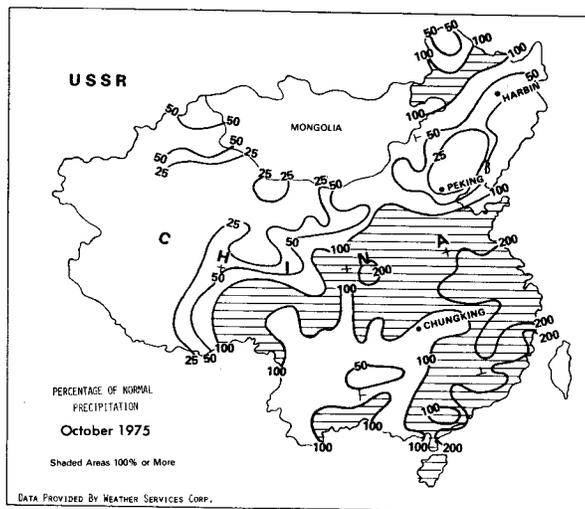
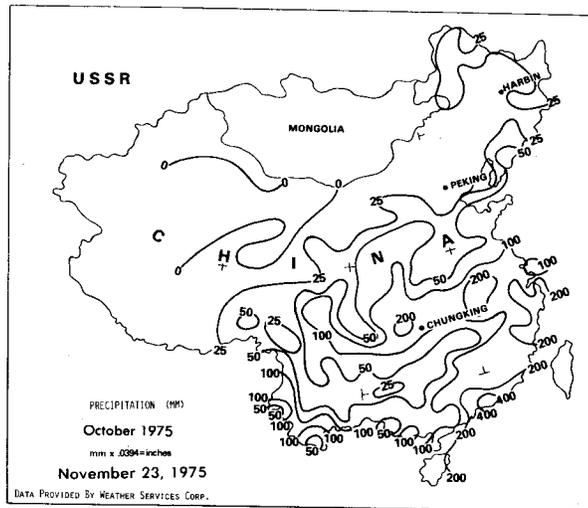
rangelands, valley farms and feedlots major activity. Sugarbeet processing nearing peak. Breeding range ewes nearly completed. Grading, sorting and marketing of potatoes, dry onions and apples in progress.

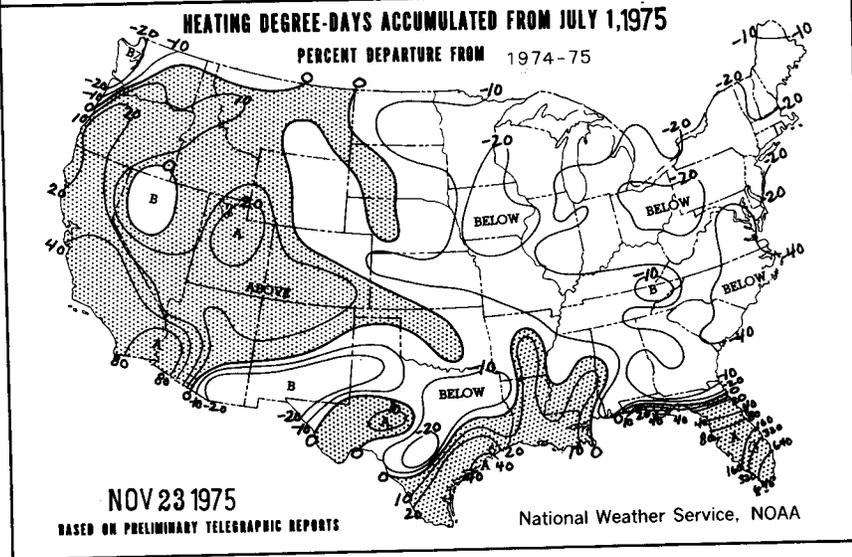
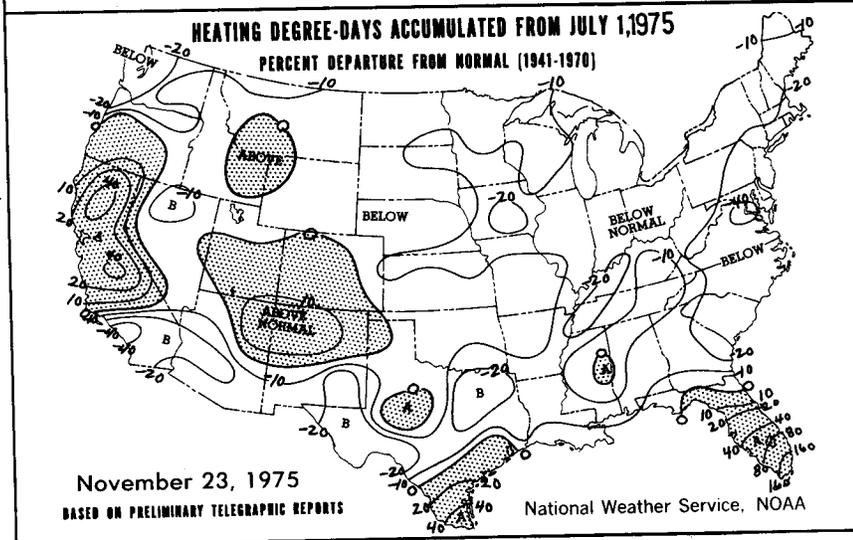
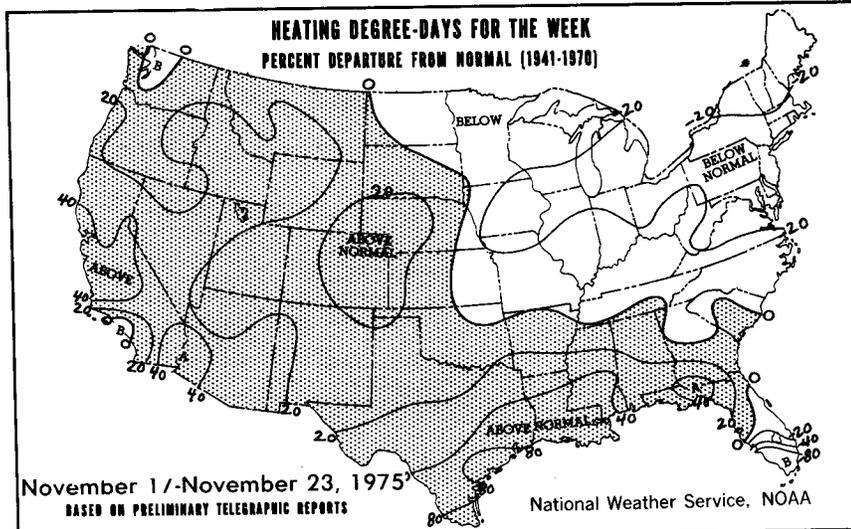
VIRGINIA: Temperatures averaged 4° above normal, unusually warm weather first, middle period. Precipitation light, less than 0.50 in. Average precipitation less 0.10 in.

Fieldwork: 5.1 days suitable. Topsoil moisture 85% adequate, 9% short, 6% surplus. Corn grain harvest 89% complete, 1974 88%, average 83%. Soybeans combined 75%, 1974 86%, average 67%. Wheat seeding 87%. Pasture conditions excellent. Burley, fire-cured, sun-cured tobacco producers preparing for sales. Fall plowing, land preparation continuing. Other activities: Fruit tree pruning, butchering, farm repairs, and caring for livestock, poultry. Many farmers taking time for hunting.

Cont. on page 11

China Precipitation





Heating Degree Days (Base 65°) For Week Ending Nov. 23, 1975

States and Stations	Weekly				Seasonal + Accumulation				States and Stations	Weekly				Seasonal + Accumulation			
	TOTAL	Departure*	TOTAL	Departure*	TOTAL	Departure*	From 1974-75	TOTAL		Departure*	TOTAL	Departure*	TOTAL	Departure*	From 1974-75		
ALA. Birmingham	112	12	174	46	162	1221	162		162	1221	162		162	1221	162		
Mobile	74	18	157	27	25	104	-40	451	-227	-219	121	-1	450	-21	23		
Montgomery	109	28	246	59	61	101	-49	555	-251	-393	142	7	1830	-468	-326		
ARIZ. Flagstaff	232	21	1431	-138	45	175	-49	1410	-247	-262	185	25	988	34	173		
Phoenix	68	18	93	44	14	140	-48	890	-147	-287	214	38	858	-165	76		
Tucson	74	17	140	28	58	134	-67	904	-305	-340	186	10	877	-130	134		
Winslow	213	45	854	113	79	148	-50	1002	-126	-419	175	30	1066	43	188		
Yuma	47	17	59	9	35	168	-61	1368	-240	-259	70	-53	700	-222	-310		
ARK. Fort Smith	126	12	438	4	26	147	-54	1053	-115	-292	128	-59	947	-216	-292		
Little Rock	129	15	426	32	44	207	-24	1361	-189	-264	111	-50	598	-199	-258		
CALIF. Bakersfield	106	32	270	28	85	139	-54	975	-196	-295	94	-59	423	-264	-292		
Eureka	131	34	1512	115	137	218	-22	1629	-168	-313	147	-32	913	101	12		
Fresno	141	50	467	138	164	260	-15	1803	95	-351	130	-52	779	-280	-316		
Los Angeles	36	4	132	-111	43	291	-11	1906	-175	-172	128	-35	772	-146	-275		
Red Bluff	120	30	488	170	126	206	-44	1148	-303	-311	74	3	190	-71	-149		
San Diego	42	5	115	47	41	139	-47	1186	-212	-308	96	7	248	-101	-142		
San Francisco	114	40	773	186	186	254	-10	1499	84	-233	109	-1	378	-72	-167		
Stockton	129	33	438	96	107	110	32	275	-27	-4	237	-24	1179	-339	-252		
COLORADO Denver	256	84	1131	39	26	123	38	147	3	49	260	13	1290	-91	-146		
Grand Junction	218	25	971	42	109	147	-16	721	-18	-147	256	34	1269	78	4		
Pueblo	252	70	977	58	155	146	-19	689	-44	-133	256	13	1249	-101	98		
CORN. Bridgeport	121	-24	533	172	-259	139	-16	628	57	-163	131	7	489	46	-130		
Hartford	131	18	128	0	49	112	8	689	1	73	113	-8	500	21	24		
DEL. Wilmington	109	-38	499	-197	-276	291	72	1355	-22	-35	111	1	341	-105	-37		
D.C. Washington	89	-43	318	-244	-239	285	14	1616	-59	57	118	-10	445	-99	-105		
FLA. Apalachicola	57	14	128	0	49	285	59	1500	-16	82	104	15	336	13	34		
Daytona Beach	24	3	64	1	14	302	34	1566	-192	-3	169	6	106	21	24		
Ft. Myers	0	-13	20	8	9	283	36	1844	100	116	74	20	145	-33	31		
Jacksonville	52	8	124	3	31	284	33	1827	-195	0	22	12	44	17	10		
Key West	0	0	2	2	2	289	43	1402	-63	28	37	15	74	16	17		
Lakeland	23	2	59	12	34	291	51	1764	-23	212	55	113	41	19			
Miami	1	-5	20	14	18	241	36	985	-65	-61	121	15	320	54	-120		
Orlando	0	0	2	2	2	191	-7	71	3	9	91	14	182	75	26		
Tallahassee	80	26	177	7	44	242	23	1065	-58	-40	64	3	467	47	47		
Tampa	22	2	59	14	28	274	57	1296	70	10	74	32	152	24	31		
W. Palm Beach	6	-1	26	14	22	162	-30	800	-114	-201	138	12	469	-48	-135		
GA. Atlanta	99	8	385	-77	-64	283	54	1522	-146	-239	116	8	530	5	8		
Augusta	89	-1	247	97	-163	284	55	1635	10	89	77	29	136	25	-12		
Macon	90	10	249	-45	-43	116	20	292	-28	44	30	284	5	35			
Savannah	77	10	174	59	62	258	75	1255	15	23	67	19	133	-18	-43		
IDAH. Boise	225	37	1027	-72	72	240	35	1133	-180	-122	62	29	629	10	21		
Lewisville	224	42	997	-97	95	183	-18	1383	69	-177	81	17	155	-59	-30		
Pocatello	271	53	1412	39	104	133	-11	693	-8	-119	98	0	322	-26	11		
ILL. Cairo	123	6	456	65	92	283	54	1522	-146	-239	116	8	530	5	8		
Chicago	141	-47	749	-160	-268	184	27	753	87	63	191	-17	1151	-215	-327		
Moline	148	-49	823	-166	-223	157	17	456	-145	-191	110	-28	515	-137	-214		
Peoria	159	-32	862	-82	-175	152	-39	525	-215	-497	83	-22	284	-146	-179		
Rockford	172	-36	856	-76	-100	143	-16	1100	-187	-301	135	-39	368	-247	-324		
Springfield	143	-34	698	-136	-204	134	-55	931	-212	-225	92	-42	462	-165	-262		
IND. Evansville	141	-13	593	-107	-171	98	-38	482	-146	-243	163	11	957	-589	-627		
Fort Wayne	144	-36	656	-141	-221	128	-56	528	-141	-221	144	-6	837	-347	-180		
Indianapolis	155	-23	767	-103	-238	141	-39	977	-75	-289	144	-6	837	-347	-180		
South Bend	133	-59	784	-262	-200	140	-1	657	-67	-65	257	39	1445	8	95		
IOWA. Burlington	132	-62	779	-160	-258	62	-10	487	-97	-162	207	40	813	99	22		
Des Moines	143	-65	785	-256	-226	66	10	171	-106	-195	231	33	1222	-33	130		
Dubuque	168	-54	1103	-120	-181	111	-17	400	-189	-198	122	-27	604	-130	-292		
Sioux City	222	3	1053	-67	-20	106	-9	363	-152	-277	129	-19	597	-132	-230		
KANS. Concordia	182	0	737	-117	82	66	10	171	-106	-195	137	-39	711	-31	-156		
Dodge City	188	17	703	-62	-17	111	-17	400	-189	-198	122	-27	604	-130	-292		
Goddard	251	51	931	-143	-190	263	-13	1470	-157	-265	171	-55	1112	98	-188		
Topeka	140	-30	682	-105	-107	279	1	1666	-71	-89	188	-61	1102	-256	-207		
Wichita	151	6	931	-42	21	136	-50	866	-160	-175	152	-63	964	-283	-306		
KY. Lexington	135	-21	669	-56	-182	137	-40	872	-113	-182	271	39	1401	81	-137		
Louisville	127	-27	530	-175	-272	149	-27	752	-175	-153	272	53	1418	44	-77		
LA. Baton Rouge	88	34	177	20	14	133	-29	679	-67	-251	328	-28	1539	23	27		
Lake Charles	77	30	146	11	17	134	-43	716	-160	-237	293	57	1459	77	-116		
New Orleans	79	32	152	12	20	154	-38	1010	-34	-155							
Shreveport	99	26	212	50	26	141	-45	941	-128	-231							
MAINE. Caribou	239	-11	1776	-149	-182	127	3	450	-44	11							

* Based on 1941-70 Normals. † Accumulation July 1, 1975

WASHINGTON: West: Temperatures subnormal. Precipitation mostly subnormal. Below freezing temperatures damaged remaining celery and lettuce crops. Digging carrots and potatoes. Late sweet corn sold for cattle feed. Pruning caneberries. Activity accelerating Christmas tree harvest. Fall grazing ended with low temperatures. Livestock on full winter feed. East: Readings subnormal. Precipitation subnormal. Potato and sugarbeet digging winding down. Harvesting field corn. Mice control in some orchards active. Other activities: Grape pruning, orchard renewal. Greenbugs in fall grains reduced with colder weather. Moisture in wheat fields good and stands are excellent. Farmers generally preparing for winter and fertilizing and weeding alfalfa. Cattle grazing, crop residues. Some supplemental feeding.

WEST VIRGINIA: Temperatures well above normal. Precipitation below normal. Soil moisture 18% short, 82% adequate. Fieldwork suitable 5.1 days. Fall grains mostly good condition. Livestock good condition, still on pasture.

WISCONSIN: Very mild south with temperatures near 70° 17th and 18th. Stationary front north caused drizzle and showers. Mild trend continued 19th south, but strong low pressure system approached from southwest. Rain changed to snow north and blizzard warnings on 20th. Up to 18 in. snow fell northern areas, with much blowing and drifting. Light amounts rain and snow south. Temperatures began dropping 20th with highs in 50's south. General clearing from west 21st as storm moved northeastward. Colder air followed storm as highs were in 30's and 20's weekend. Cloudiness increased north 23d and light snow began west. Most crop harvest and fieldwork finished.

WYOMING: Temperatures above normal early, subnormal readings toward end. Precipitation amounts variable. Generally near or slightly below normal. Snowstorm midweek brought needed moisture, delayed final stages corn picking. Winter wheat mostly fair condition. Supplemental feeding of livestock increased with snow cover. Feed, roughage supplies generally adequate. Marketing calves, lambs continued. Livestock good condition.



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CROP PROGRESS

HARVESTING

Percent of Acreage Harvested
 As of November 23

corn			
	AVG	1974	1975
Ga.	1/	88	88
Ill.	78	81	100
Ind.	75	65	95
Iowa	84	88	2/
Kans.	1/	1/	100
Ky.	1/	1/	1/
Mich.	1/	1/	95
Minn.	1/	100	100
Mo.	1/	1/	2/
Nebr.	80	95	2/
N. C.	80	94	94
Ohio	1/	1/	1/
S. Dak.	2/	100	100
Wis.	1/	1/	2/
U. S.	84	86	98

cotton			
	AVG	1974	1975
Ala.	78	83	59
Ark.	1/	66	88
Ga.	1/	87	69
La.	80	79	77
Miss.	84	73	66
Mo.	76	78	93
N. C.	78	78	79
Okla.	31	7	8
S. C.	86	89	86
Tenn.	75	70	72
Texas	40	34	40
11-State	57	51	54

soybeans			
	AVG	1974	1975
Ala.	78	84	74
Ark.	1/	68	89
Ga.	1/	78	61
Ill.	93	100	100
Ind.	1/	1/	2/
Iowa	2/	100	100
Ky.	1/	1/	1/
La.	82	87	93
Minn.	100	100	100
Miss.	77	71	79
Mo.	76	77	97
Nebr.	100	100	100
N. C.	56	73	52
Ohio	2/	100	100
S. C.	55	75	50
Tenn.	71	71	80
U. S.	85	88	91



1/Data not available
 2/Virgually complete