

# WEEKLY WEATHER AND CROP BULLETIN

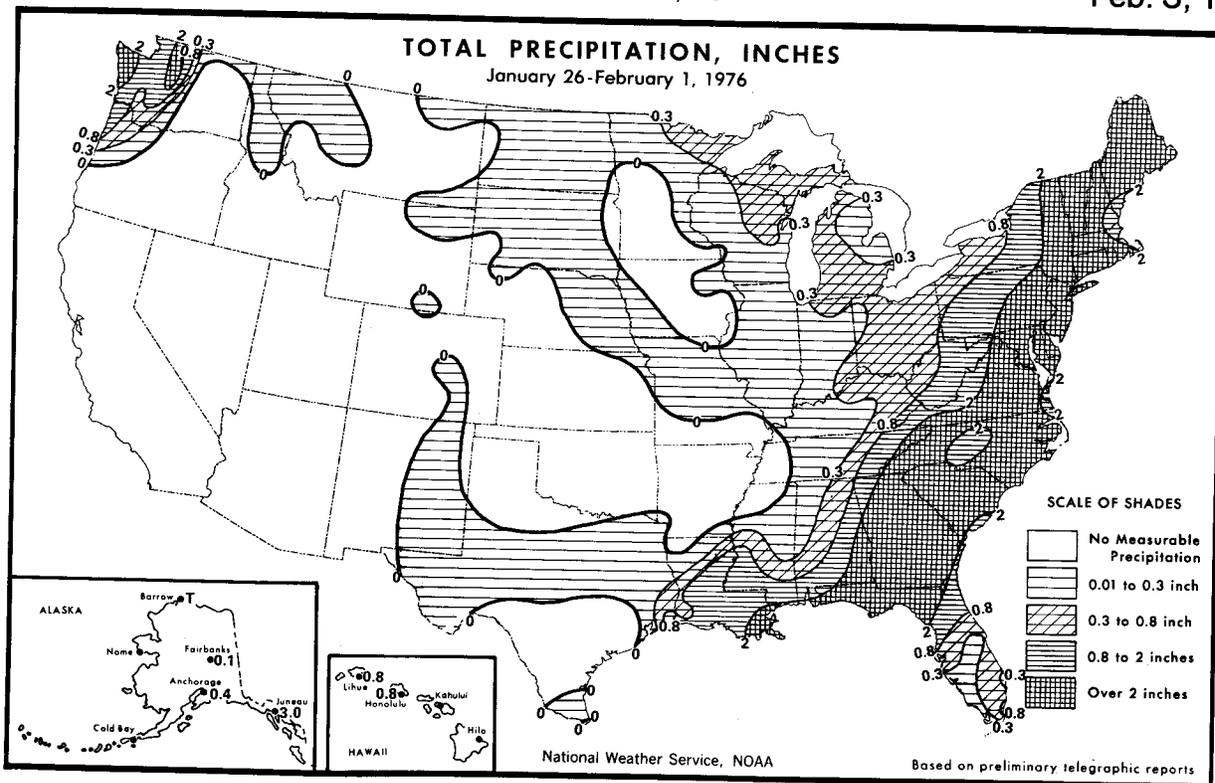
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## National Weather Summary

For the week of January 26 - February 1

**HIGHLIGHTS:** A warming trend across large portions of the Plains and Rockies contributed to unseasonably mild weather over the western two-thirds of the Nation, where weekly temperatures soared as high as 25° above normal. Much of the eastern third, however, was the scene of near or below normal temperatures and lots of moisture. Locally heavy rains along the Atlantic Coast States from northern Florida to Maine--plus the melting snow in places--caused some lowland flooding.

A series of fronts created unfavorable weather conditions across much of the eastern U.S. on Monday. Associated with the weather systems, a variety of precipitation encompassed areas from Ohio to the northwest Florida Coast and east to the Atlantic Coast.

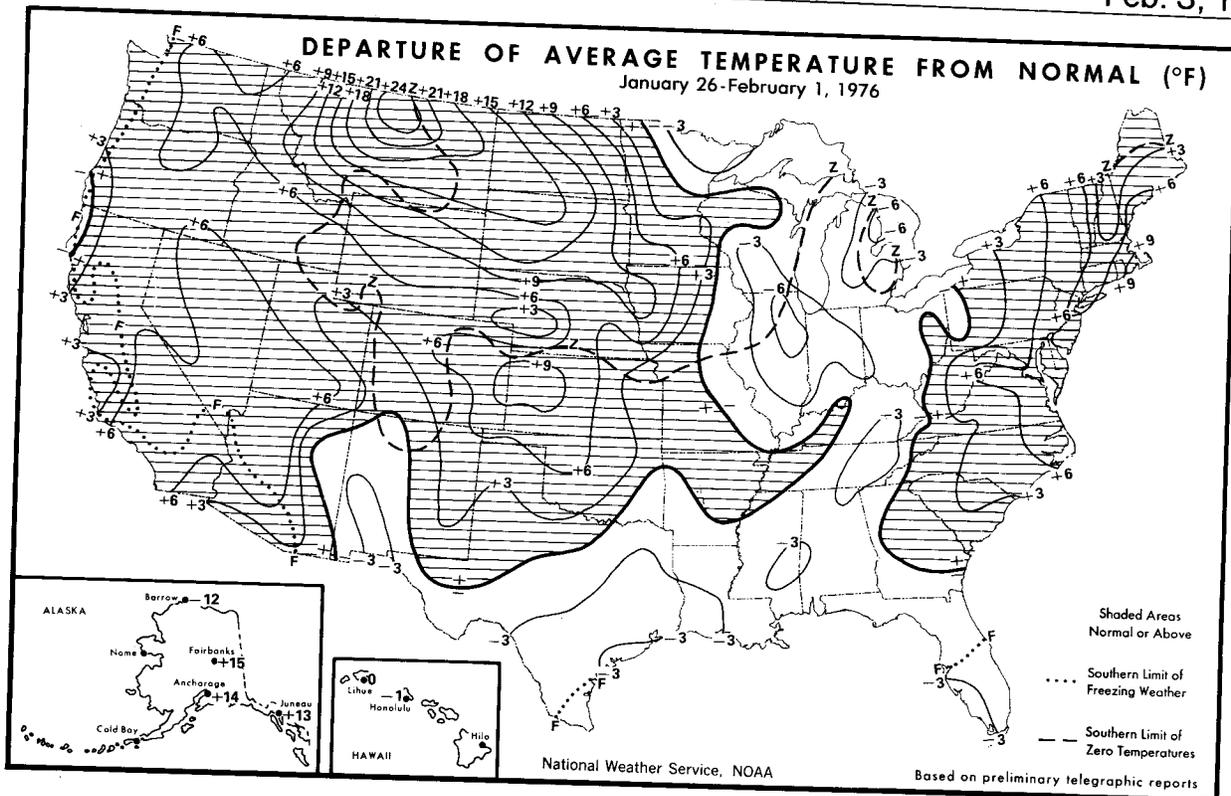
Early in the day the previous week's winter storm moved into the extreme Northeast. In its path freezing rain developed in central Pennsylvania and spread into the upper Atlantic Coast

States. Throughout the day, the persistent rain glazed highways and trees from New York to Maine.

Daytime precipitation included rain from the eastern Great Lakes region and Ohio Valley into the Appalachians. Snow showers--mixed with freezing rain in places--remained across the northern Great Lakes region. Southward, thunderstorms extended to the central Gulf Coast.

Tuesday morning skies opened clear and cold over much of the Plains and Mississippi Valley, while clouds accompanied a warming trend in the northwest and west central Plains. In the Northeast mild air spreading across New England brought an end to freezing rain in the area.

Rain with occasional thundershowers persisted into the afternoon from the eastern Gulf of Mexico through the lower Appalachians northward along the New England Coast. Locally heavy rains later in the day joined forces with melting snow and ice jams to push northeastern rivers and streams up sharply. In the Northwest, rain



continued along the Pacific Coast, turning to snow showers in the northern Rockies.

The slow moving but active cold front responsible for the spree of wet weather over the central Appalachians and Northeast crept eastward on Wednesday. Rain changed to a mixture of sleet and freezing rain, then turned to snow from western Virginia through Maryland and into eastern Pennsylvania.

Ice jams aggravated rising rivers in the Northeast, especially portions of the Susquehanna and Hudson Rivers in New York and the Allegheny River in Pennsylvania. Flooding occurred as rivers spilled over their banks throughout New England and as far south as the Carolinas.

A frontal system heading across the northern Plains deposited snow on northern portions of Minnesota, Wisconsin, and Michigan. Another front along the Atlantic Coast produced snow from northern Maine into West Virginia and Ohio.

Elsewhere, a warming trend across much of the Plains pushed temperatures into the mid 60's as far north as southern Kansas, where Wichita scored a record high 64°. Some spots in North Dakota and Minnesota warmed as much as 50° in only a day's time.

Fair skies greeted most of the Nation on Thursday, though light snow still drifted into Michigan, Ohio, and the lower Great Lakes region. Precipitation was limited to snow flurries from New England through the central Appalachians and over the upper Great Lakes region. Light showers dotted the Pacific Northwest Coast.

Unseasonably mild weather prevailed from the Pacific Coast eastward to the Mississippi River on Thursday, while east of the Mississippi, except in the Southeast, seasonal temperatures were the rule.

Sunny skies--aided by downslope winds--pushed temperatures into the middle 60's and low 70's in parts of the southern and central Rockies. In Colorado, Pueblo soared to a record 73°. The high pressure system responsible for the spring-like conditions also favored the intermountain regions and central Plains (Las Vegas, Nev. 71°). Southern California, though, still ranked as the Nation's warm spot with readings in the low 80's. In contrast, temperatures around 50° put northern Minnesota at the other end of the scale.

Runoff from the locally heavy rains earlier in the week diminished on Friday. Rivers in the Northeast continued to subside, causing widespread ice jams from portions of New York and Pennsylvania into New England.

Meantime southern California complained of unusually dry conditions. Relief seemed unlikely, too, as a strong high pressure system off the California Coast forced Pacific storms northward.

High pressure centers that dominated much of the Nation limited Saturday's precipitation. Showers were scattered from Mississippi to eastern Texas and a few light snow flurries drifted into the lower Great Lakes region.

Two storm systems shared the blame for an inclement end-of-the-week in the East. Together the weather formations delivered rain and snow from the Great Lakes region to the Gulf. Cold air accompanied the turbulence across the upper Mississippi Valley and western Great Lakes region. In contrast, mild weather favored much of western U.S. Stockton, Calif., 72° chalked up a record high for the third day in a row.

In the Southeast, Jacksonville, Fla. looked back on an unusually cold January; during the month the mercury dipped to 32° or lower a record 26 times, compared to 12 times average.

## National Weather Summary

For the week of January 26 - February 1

**HIGHLIGHTS:** Above normal temperatures prevailed over much of western half of the Nation and in the Northeastern States during the week. Virtually no moisture fell west of the Mississippi, creating extremely dry conditions in the Great Plains. Fall seeded grains, especially winter wheat, are in a precarious situation. Without additional moisture from either snow cover or rain, wind erosion could harm the wheat crop this spring. Full supplemental feeding continued for livestock as grazing conditions did not improve the past week.

**SMALL GRAINS:** Small grain condition continues to decline as soil moisture remains in short supply over most areas of the Nation. In the major winter wheat producing areas, stands are below normal.

In Kansas, winter wheat condition remains unchanged. Wheat in the eastern third of the State is in good condition but poor to fair in the western two-thirds. Limited wind erosion occurred in the southwest. Current vegetative cover is less than 10% in many western counties. Because of dry topsoil in Oklahoma wheat condition is mostly fair to poor. Warmer temperatures increased greenbug and cutworm problems and so required considerably more spraying. Some spring oats and barley were sown but lack of moisture for germination is a concern. In Texas, wheat is making slow growth in most areas. Increased greenbug infestation required stepped-up control measures. Oats are making slow growth because of moisture shortages.

In Washington, winter wheat is still vulnerable to sudden cold spells and stripe rust. Nebraska's winter wheat is in fair to good condition with limited snow cover. In Indiana, ice cover could result in small grain smothering.

Most fall seeded small grains are in fair to good condition in the Southern and Eastern States where some topdressing is being done.

**OTHER CROPS:** Cotton harvest is essentially complete in Texas but seedbed preparation continues in most areas.

Tobacco bed preparation is finished in Georgia and plants are in fair condition. Growers in Virginia, South Carolina, and North Carolina continue with plant bed preparation. Most tobacco markets in Kentucky are closed for the season. Some Virginia fire- and sun-cured tobacco is being marketed.

Sugarcane harvest--about two-thirds complete--is active in Florida. Sugarbeet harvest in Arizona continues to make good progress.

Potato volume from Florida is light but increasing. Potato planting continues in the Winter-Garden area of Texas while farmers in the Knox-Haskell area expect to start seeding about mid-February.

**FRUITS AND NUTS:** Citrus groves continue to be in very good condition in Florida. Growers are irrigating in all areas in response to inadequate rainfall. Fruit damage from cool weather is beginning to show in heavy gradeout of fruit. Harvest continues active.

In California, drought conditions continue and many groves are being heavily irrigated. Growers have slowed dormant spraying. Some trees, vines are budding prematurely, and lemon sizing is slow. The navel orange harvest is active. Harvest of navel and sweet oranges in Arizona is near completion with lemon and grapefruit harvest at a steady pace. Citrus harvest in Texas continues steady with a larger percentage of fruit going to processors. Pruning of caneberry in Washington is being done. Filberts are in bloom in Oregon.

**VEGETABLES:** Cold temperatures and strong winds still plague Florida vegetative crops, thus giving plants little chance to recover from earlier adverse weather.

Total volume declined for the third straight week. Sweet corn and radishes declined while supplies of snap beans, cabbage, carrots, celery, lettuce, peppers, squash, and tomatoes remained near steady. Watermelon is now being planted but cold temperatures required considerable replanting.

In Texas, cabbage, carrots, and lettuce harvests were active. Early watermelon planting received light freeze damage in the Lower Rio Grande Valley but no damage occurred in the Coastal Bend area. Onions made satisfactory progress in the Laredo area but some damage from colder temperatures occurred in the Winter Garden area.

California movement of broccoli, cauliflower, carrots, celery, and lettuce are in good supply. Artichoke supplies are light while asparagus harvest is just beginning. Growers are beginning to plant the important canning tomato crop.

**PASTURE AND LIVESTOCK:** Supplemental feeding continued heavy in most areas as a result of inadequate range and pasture conditions. Generally warmer temperatures over most of the Nation did not help previously poor conditions. Winter wheat provided limited grazing because of dry soil conditions. Some cullage of herds in Nebraska is being done to stretch feed supplies. Pasture and ranges in Oklahoma are mostly depleted but feed supplies are currently adequate. Livestock conditions are generally fair to good over most of the Nation despite the reduced forage conditions. Calving and lambing were underway in Idaho, New Mexico, Oregon, Texas, and Washington.

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 . . .	44	-1	.7	-.5	La. Baton Rouge . . .	49	-2	1.5	+.5	Youngstown . . .	23	-2	.6	0
Mobile . . .	51	-1	1.5	+.5	Lake Charles . . .	49	-4	.3	-.7	OKLA. Okla. City . . .	43	+5	0	-.3
Montgomery . . .	47	-1	1.9	-1.0	New Orleans . . .	51	-2	2.6	+1.5	Tulsa . . .	42	+4	0	-.4
ALASKA. Anchorage . . .	28	+14	.4	+.2	Shreveport . . .	47	-1	T	-.9	OREG. Astoria . . .	46	+4	1.4	+.7
Barrow . . .	-28	-12	T	-.1	MAINE. Caribou . . .	14	+3	2.1	+1.6	Burns . . .	32	+5	0	-.4
Fairbanks . . .	6	+15	1	0	Portland . . .	28	+7	2.0	+1.2	Medford . . .	41	+3	0	-.7
Juneau . . .	38	+13	3.0	+2.1	MD. Baltimore . . .	40	+6	2.7	+2.1	Pendleton . . .	42	+8	T	-.4
Kodiak . . .	---	---	---	---	MASS. Boston . . .	37	+8	1.6	+.8	Portland . . .	42	+3	.3	-.9
Nome . . .	---	---	---	---	Chatham . . .	37	---	1.3	---	Salem . . .	44	+4	.4	-1.0
ARIZ. Flagstaff . . .	37	+8	0	-.4	MICH. Alpena . . .	11	-6	.2	-.2	PA. Allentown . . .	34	+7	3.6	+3.0
Phoenix . . .	59	+7	0	-.1	Detroit . . .	23	-2	.3	-.1	Erie . . .	24	0	.5	0
Tucson . . .	56	+4	0	-.1	Flint . . .	20	-2	.3	-.1	Harrisburg . . .	35	+4	3.5	+2.9
Winslow . . .	35	0	0	-.1	Grand Rapids . . .	20	-3	.4	0	Philadelphia . . .	38	+6	2.4	+1.8
Yuma . . .	60	+3	0	-.1	Houghton Lake . . .	14	-3	.2	-.1	Pittsburgh . . .	27	-1	.9	+.3
ARK. Fort Smith . . .	39	-1	T	-.6	Lansing . . .	17	-5	.3	-.1	Scranton . . .	32	+6	2.3	+1.8
Little Rock . . .	43	+3	0	-1.0	Marquette . . .	17	-1	.6	+.2	R.I. Providence . . .	37	+9	2.5	+1.7
CALIF. Bakersfield . . .	57	+8	0	-.3	Muskegon . . .	23	0	.5	0	S.C. Charleston . . .	51	+2	1.4	+.7
Eureka . . .	44	-4	0	-1.6	S. Ste. Marie . . .	11	-2	.4	0	Columbia . . .	50	+4	2.5	+1.7
Fresno . . .	50	+3	0	-.4	MINN. Duluth . . .	6	-3	.2	0	Greenville . . .	45	+2	3.4	+2.4
Los Angeles . . .	65	+8	0	-.8	Internatl Falls . . .	1	-3	.3	+.1	S.D. Aberdeen . . .	23	+13	.1	0
Red Bluff . . .	52	+5	0	-1.0	Minneapolis . . .	16	+4	.1	0	Huron . . .	24	+11	.1	0
San Diego . . .	63	+7	0	-.4	Rochester . . .	17	+4	T	-.1	Rapid City . . .	36	+13	T	-.1
San Francisco . . .	53	+4	0	-.9	St. Cloud . . .	10	+1	T	-.2	Sioux Falls . . .	23	+8	T	-.2
Stockton . . .	51	+5	0	-.6	MISS. Jackson . . .	46	-2	.7	-.4	TENN. Chattanooga . . .	38	-3	1.2	-.1
COLO. Denver . . .	39	+8	0	-.1	Meridian . . .	45	-2	T	-1.0	Knoxville . . .	37	-4	1.4	+.3
Grand Junction . . .	29	+1	0	-.2	MO. Columbia . . .	30	-3	T	-.2	Memphis . . .	41	0	0	-1.2
Pueblo . . .	36	+5	T	-.1	Kansas City . . .	30	+1	T	-.3	Nashville . . .	39	0	.1	-1.0
CONN. Bridgeport . . .	35	+5	2.8	+2.2	St. Louis . . .	30	0	T	-.4	TEX. Abilene . . .	45	0	T	-.3
Hartford . . .	31	+6	3.3	+2.5	Springfield . . .	35	+1	T	-.4	Amarillo . . .	40	+3	T	-.1
D.C. Washington . . .	41	+5	2.7	+2.1	MONT. Billings . . .	39	+16	T	-.1	Austin . . .	48	-3	0	-.6
FLA. Apalachicola . . .	52	-2	3.2	+2.4	Great Falls . . .	29	+19	.1	0	Beaumont . . .	49	-4	.8	-.2
Daytona Beach . . .	57	-2	.4	-.2	Havre . . .	41	+19	T	-.2	Brownsville . . .	56	-5	T	-.4
Ft. Myers . . .	60	-4	.2	-.2	Helena . . .	30	+26	T	-.1	Corpus Christi . . .	53	-4	T	-.4
Jacksonville . . .	52	-3	1.8	+1.1	Kalispell . . .	36	+16	T	-.1	Dallas . . .	---	---	---	---
Key West . . .	67	-4	T	-.4	Miles City . . .	29	+8	T	-.3	Del Rio . . .	49	-3	T	-.2
Lakeland . . .	59	-2	.7	+.1	Missoula . . .	32	+16	T	-.1	El Paso . . .	42	-3	T	-.1
Miami . . .	65	-2	1.2	+.7	NEBR. Grand Island . . .	30	+7	T	-.2	Fort Worth . . .	46	0	T	-.5
Orlando . . .	59	-2	.1	-.5	Lincoln . . .	28	+5	.2	+.1	Galveston . . .	52	-2	.1	-.6
Tallahassee . . .	51	-2	4.6	+3.7	Norfolk . . .	28	+8	.3	+.2	Houston . . .	49	-4	0	-.9
Tampa . . .	59	-2	.5	-.1	N. Platte . . .	26	+1	T	-.1	Lubbock . . .	42	+2	0	-.1
W. Palm Beach . . .	64	-1	.1	-.5	Omaha . . .	30	+9	.1	-.1	Midland . . .	46	+1	T	-.1
GA. Atlanta . . .	43	0	3.9	+2.9	Valentine . . .	31	+10	T	-.1	San Angelo . . .	45	-2	T	-.2
Augusta . . .	48	+1	2.0	+1.2	NEV. Ely . . .	33	+8	0	-.1	San Antonio . . .	47	-5	0	-.5
Macon . . .	49	0	3.1	+2.2	Las Vegas . . .	53	+7	0	-.1	Victoria . . .	51	-3	0	-.5
Savannah . . .	51	+1	1.7	+1.1	Reno . . .	38	+4	0	-.3	Waco . . .	45	-3	T	-.5
HAWAII. Hilo . . .	---	---	---	---	Winnemucca . . .	39	+9	0	-.2	Wichita Falls . . .	46	+3	0	-.3
Honolulu . . .	71	-1	.8	-.1	N.H. Concord . . .	23	+2	1.8	+1.2	UTAH. Blanding . . .	35	+6	0	-.2
Kahului . . .	---	---	---	---	N.J. Atlantic City . . .	39	+7	2.1	+1.3	Salt Lake City . . .	33	+3	0	-.3
Lihue . . .	71	0	.8	-.5	Trenton . . .	39	+7	2.3	+1.7	VT. Burlington . . .	23	+7	2.1	+1.7
IDAHO. Boise . . .	35	+4	0	-.3	N.MEX. Albuquerque . . .	36	-1	0	-.1	VA. Lynchburg . . .	40	+3	2.1	+1.5
Lewiston . . .	40	+7	T	-.3	Roswell . . .	43	+3	.1	0	Norfolk . . .	48	+8	1.8	+1.0
Pocatello . . .	29	+4	T	-.2	N.Y. Albany . . .	29	+8	2.5	+2.0	Richmond . . .	44	+6	2.9	+2.2
ILL. Cairo . . .	36	-1	T	-.9	Binghamton . . .	26	+4	1.7	+1.2	Roanoke . . .	41	+4	1.6	+.9
Chicago . . .	2	-5	.2	-.2	Buffalo . . .	24	+1	.5	-.2	WASH. Colville . . .	30	+4	T	-.4
Moline . . .	21	-1	T	-.4	New York . . .	37	+5	3.3	+2.6	Omak . . .	31	+7	T	-.3
Peoria . . .	21	-3	.1	-.3	Rochester . . .	26	+3	.4	-.2	Quillayute . . .	45	+5	3.1	-.1
Rockford . . .	15	-6	.1	-.3	Syracuse . . .	27	+4	1.1	+.5	Seattle-Tacoma . . .	44	+5	1.0	-.2
Springfield . . .	24	-3	T	-.4	N.C. Asheville . . .	39	+1	3.0	+2.2	Spokane . . .	33	+6	T	-.5
IND. Evansville . . .	30	-3	T	-.8	Charlotte . . .	46	+3	1.5	+.7	Walla Walla . . .	38	+3	T	-.4
Ft. Wayne . . .	25	-3	.1	-.5	Greensboro . . .	43	+4	1.9	+1.1	W. Va. Beckley . . .	36	+6	T	-.3
Indianapolis . . .	23	-3	.1	-.5	Hatteras . . .	52	+7	3.1	+2.1	Charleston . . .	31	-1	1.3	+.5
South Bend . . .	25	-3	.1	-.5	Raleigh . . .	45	+4	3.2	+2.4	Huntington . . .	34	-1	.8	0
IOWA. Burlington . . .	22	-1	T	-.3	Wilmington . . .	52	+5	2.5	+1.7	Parkersburg . . .	33	0	.6	-.1
Des Moines . . .	25	+5	0	-.2	N. DAK. Bismarck . . .	24	+15	.1	0	WIS. Green Bay . . .	14	-1	.2	0
Dubuque . . .	17	-1	T	-.3	Fargo . . .	13	+7	T	-.1	La Crosse . . .	13	-3	T	-.2
Sioux City . . .	28	+9	T	-.2	Williston . . .	25	+16	T	-.1	Madison . . .	19	-3	.1	-.2
KANS. Concordia . . .	34	+6	T	-.2	OHIO. Akron-Canton . . .	27	+1	.5	-.1	Milwaukee . . .	14	-1	.2	-.1
Dodge City . . .	41	+9	0	-.1	Cincinnati . . .	28	-4	.2	-.6	WYO. Casper . . .	31	+7	0	-.1
Goodland . . .	39	+10	0	-.1	Cleveland . . .	25	-1	.5	-.1	Lander . . .	32	+5	T	-.1
Topeka . . .	31	+2	T	-.2	Columbus . . .	27	-2	.3	-.3	Cheyenne . . .	28	+7	0	-.1
Wichita . . .	36	+4	0	-.2	Dayton . . .	27	-2	.5	-.1	Sheridan . . .	34	+12	T	-.2
KY. Lexington . . .	31	-2	.3	-.6	Toledo . . .	23	-2	.4	0	P.R. San Juan . . .	---	---	---	---
Louisville . . .	34	0	.3	-.5										

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## State Summaries of Weather and Agriculture

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

**ALABAMA:** Temperatures near normal. High 74° at Mobile on 30th; low 19° at Huntsville on 2d. Rainfall light, most on 22d in southeast.

Limited fieldwork: Care and feeding of live-stock and poultry remain primary activity. Soil moisture adequate to surplus. Warmer temperatures prompted small grain growth some areas. Livestock mostly fair condition. Pastures short. Hay short in local areas.

**ARIZONA:** No precipitation. Temperatures averaged near normal.

Preplant operations in cotton continues. Sorghum harvest completed. Sugarbeets good progress. Small grain planting limited. Wheat, barley excellent progress. Planting safflower limited. Established plantings good progress. Alfalfa hay dormant. Lettuce harvest continued Yuma, central areas good progress. Harvest mixed vegetables continued. Harvest navel, sweet oranges nearing completion. Lemon, grapefruit harvest continued. Condition cattle, calves mostly fair. Water supplies limited. Light shipments lambs to slaughter.

**ARKANSAS:** Temperatures averaged near normal. Precipitation totals were light, heaviest amounts occurring early week. Highest total was 0.69 in. at Jonesboro.

Wet condition prevented much fieldwork. Pastures are still dormant. Virtually all livestock being fed supplementary. Livestock being maintained in good condition. Marketings moderate.

**CALIFORNIA:** Fair, dry, warm weather continued except for light precipitation northern border early week. Occasional fog north coast and sections of Central Valley. Highs by end of week into 70's. Weekly averages slightly below normal extreme north coast, 5 to 10° above mountain areas, and 1 to 5° above other areas.

Drought continues. Irrigation active where water available. Unseasonal irrigation continues. Pruning, fertilizing, active. Dormant spraying slowed. Trees, vines budding prematurely. Lemon sizing slow. Navel harvest active. Irrigation active all areas. Some crops showing stress salt accumulation. Broccoli, cauliflower, carrots, celery, lettuce good supply. Artichoke light. Asparagus harvest beginning. Planting canning tomatoes beginning. Continued lack of rain increases fire hazard. Some ranchers hauling water. Small herds begin spring lambing and calving. Milk production up from last year.

**COLORADO:** Light snow fell in parts of east, south and mountains 26th and 27th. Amounts ranged from 5 in. northeast, trace west, 2 in. mountains. Temperatures near normal except 3 to 6° above over Platte and Arkansas River Basins.

Farm activities: Feeding livestock and machinery repair. Winter wheat and barley condition good except in dry southeast where only fair.

**FLORIDA:** Warm early week, colder late week. Cold front mid-week and on 1st gave 2.00 to 4.00 in. of rainfall to northwest; generally 1.00 to 2.00 in. elsewhere.

Soil moisture ample west, north and central Gulf Coast; short north central, central and south. Fieldwork slow. Small grains fair, growth slow. Sugarcane harvest active, about two-thirds complete. Tobacco plant beds fair. Additional warm weather needed before pastures will begin providing significant grazing. Good rains needed in peninsula to stimulate forage growth. Cattle poor to good condition. Supplemental feeding continues heavier than normal. Citrus grove condition very good, rainfall not adequate, irrigation all areas, harvest continues very active. Vegetable crops continue to be hampered by cold temperatures and strong winds. Little opportunity for plant recovery from earlier adverse weather. Fruit damage from cold beginning to show in heavy gradeout--replanting active most damaged crops. Total volume declined 3% from previous week. Supply of snap beans, cabbage, carrots, celery, eggplant, escarole-endive, lettuce, peppers, squash and tomatoes near steady. Sweet corn and radishes declined in volume. Potatoes and strawberries, in light, but increasing supply. Watermelon acreage being planted. Considerable replanting due to cold temperatures.

**GEORGIA:** Temperatures averaged 2 to 4° above normal north central to near normal elsewhere. Rainfall occurred mostly on 26th with 1.00 in. or more southeast and 2 to 4 in. elsewhere. Weekend beginning February started sunny and mild Saturday with an abrupt change to rain at night. Rain continued through Sunday, brief strong winds statewide.

Soil moisture adequate to excessive, mostly excessive. Small grains mostly fair. Pastures poor to fair. Cattle mostly good. Tobacco bed preparation complete, plants fair condition. Liming, harrowing, land breaking where conditions permitted. Outside activities picked up south, limited north due cold and wet.

**HAWAII:** Weather favorable for crop growth. Temperature drop to mid 50's late in week.

Vegetable supplies adequate. Head cabbage production Maui active. Banana supplies light to moderate. Papaya supplies decreasing seasonally. Sugar slack. Pineapple harvesting light. Pasture good condition.

**IDAHO:** Warm dry trend continued. Temperatures averaged 3 to 7° above normal except for few isolated valleys where cold air trapped. Precipitation well below normal all areas with most stations reporting no measurable amount. Grangeville with 0.14 in. had greatest amount reported.

Farm activity continues to be limited to livestock feeding and calving and lambing. Weather ideal for calving and lambing to progress. Feed supplies adequate.

**ILLINOIS:** Temperatures 5 to 6° below normal extreme north, 1 to 3° below normal elsewhere. Precipitation less 0.10 in. most areas.

Winter wheat, other small grains and legumes mostly good to excellent condition. Livestock doing well. Soil moisture mostly adequate. Main farmwork; chores, livestock care, application of nitrogen to wheat.

**INDIANA:** Snow storm on weekend northern third; closed many roads and schools. Snow depth 18 in. at South Bend, trace in extreme south. Sub-zero temperatures followed. Highest of week 46° on the 28th. Temperatures averaged 4° below normal. Sunshine 40% of normal. January heating degree days 4 to 13% above normal. Activities limited to chores and caring for livestock. Ice cover in spots continue threat of smothering to overwintering crops.

**IOWA:** Temperature near normal east to 8° above normal west. Cold weather at beginning of week followed by sharp warming cold returned late in weekend. Snow 2-4 inches over southwest one-third of State Sunday night and early Monday, only significant precipitation during week.

Farm activities are livestock care and normal chores. Moisture needed to reduce topsoil erosion.

**KANSAS:** Temperatures averaged 10° above normal west to 5° above normal east. Highs 50's west and 40's east were typical. Precipitation was generally around 0.10 in. over northeast half and extreme western counties. No precipitation occurred over portions of southwest and west central. Snowfall earlier in the week was from 1.00 to 5.00 in. over extreme west, north central, and northeast quarter.

Wheat condition unchanged, good in eastern one-third, poor to fair in western two-thirds. Topsoil and subsoil moisture supplies short in many counties in western two-thirds of State. Current vegetative cover less than 10% in many western counties. Some wind erosion in southwest but limited. Scattered reports of greenbugs, damage light. Cattle on supplemental feed. Hay and roughage supplies low in south central and southwest, adequate elsewhere.

**KENTUCKY:** Temperatures were slightly above normal for the week. Rain ended on Monday with very little precipitation during the week. Total precipitation for the week averaged less than 0.25 in.

Field activity limited--fields unable to support heavy equipment due to wet and soft soils. Livestock requiring supplemental feeding. Most tobacco markets closed for season--remaining markets to close within few weeks.

**LOUISIANA:** Temperatures near normal northwest, 2 to 4° subnormal elsewhere. Cold early in week, warming 28th through 30th, colder by weekend. Rain all but northwest portion on 31st or 1st with totals 1.00 to 3.00 in. southeast portion. Extremes: 78° Shreveport 30th, 21° Winnfield and Ashland 28th, and 3.02 in. rain at Bogalusa on 1st.

Agricultural activities confined to routine chores.

**MARYLAND & DELAWARE:** Temperatures averaged near normal to 8° above normal. Highs, upper 60's; lows, 5°. Precipitation over the 2 states ranged from 0.70 in. to 3.05 inches with heaviest amounts on the Eastern Shore of Maryland.

Milder weather allowed farmers to do outside maintenance work along with normal winter chores.

**MICHIGAN:** Temperatures were erratic; ranging from -26° at Stambaugh on 27th to 35° at Detroit on 26th. Heaviest snowfall occurred mid-week.

Farm activity limited to farm chores and feeding livestock.

**MINNESOTA:** Mild week little or no snowfall ex-

cept northeast corner where cold and new snowfall up to 9 in. Temperatures averaged normal to 6° above except for northeast where generally 3° below. Extremes: 43 and -38°. New snowfall northeast third 1 in. with 4 to 9 in. north central and northeast district. Snow depth remains unchanged except patches of bare ground now showing southwest and south central districts. Farm chores routine. Livestock wintering well.

**MISSISSIPPI:** Temperatures near normal. Extremes: 73 and 16°. Greatest 24-hour rainfall was 2.72 in. at Canton on 25th and 26th.

Soil moisture supplies mostly surplus north and adequate south. Fieldwork: 2.5 days suitable. Winter wheat and oats in poor to fair condition. Livestock in mostly fair condition. Hay and roughage supplies and feed grain supplies short to adequate.

**MISSOURI:** Temperatures averaged above normal with 1° above in the west and east Ozarks and 2 to 3° above elsewhere. Precipitation averaged 0.25 to 0.50 in. across the State except the Bootheel which averaged 1.50 in. snowfall recorded several areas averaging 1 to 5 in.

Major farm activities consist of care and management of livestock.

**MONTANA:** Unseasonably warm and dry week. Temperatures averaging near 10° above normal west, to near 25° above normal central and northcentral. Very warm temperatures depleted snowcover except high mountain areas and extreme east. Strong southwest winds east slopes early week.

Winter wheat conditions fair to good--mostly fair main winter wheat areas. Wind damage to winter wheat light. Some major areas moderate. Snowcover protectiveness poor except good in east. Most livestock receiving supplemental feed. Grazing open most areas except east and south. Livestock general condition good.

**NEBRASKA:** Precipitation averaged 0.33 to 0.50 in. south, central and northern less than 0.10 in. Temperatures colder early but averaged 5 to 10° above normal.

Winter wheat fair to good condition with limited snow cover. Winter rye fair to good condition. Livestock require supplemental feeding. Culling herds to stretch feed supplies some areas. Average hay supplies in about half of counties, remaining mostly below average.

**NEVADA:** No precipitation, drought continued. Temperatures averaged 6 to 8° above normal. Extremes: 3° Ely, 75° Logandale.

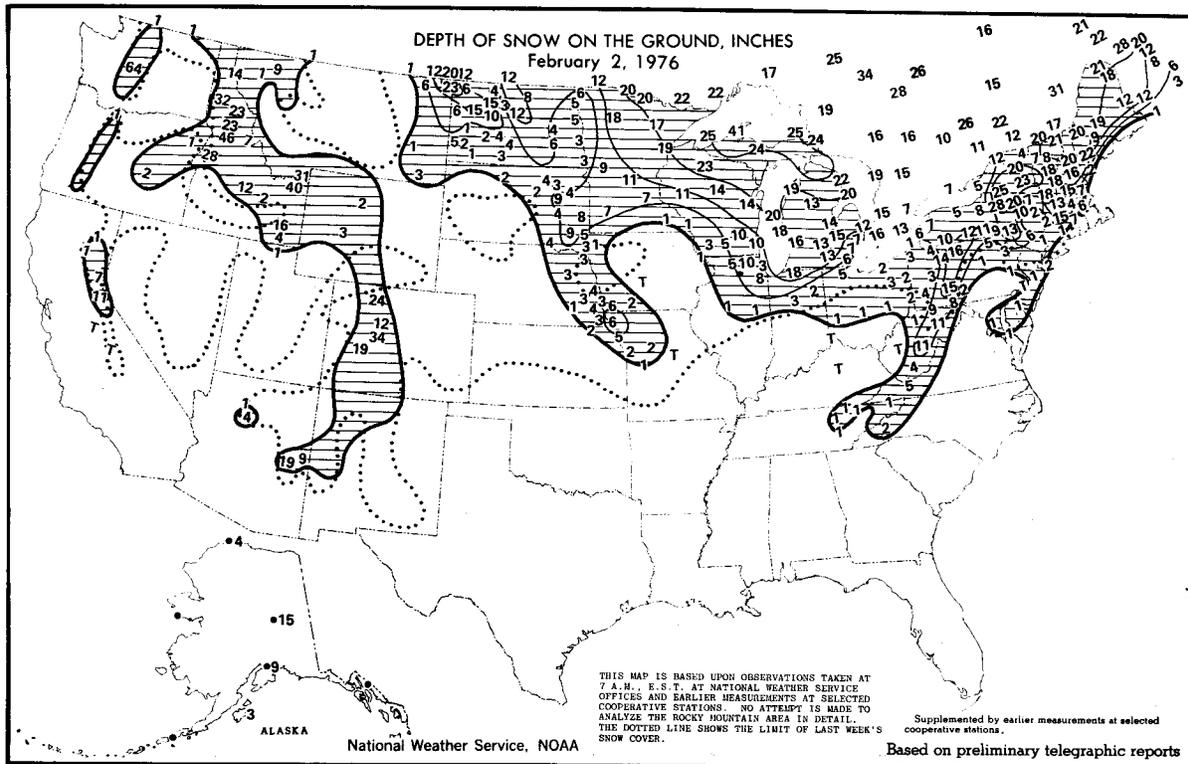
Mild weather easy on livestock. Supplemental feeding requirements light.

**NEW ENGLAND:** Weather was placid, no major storms. Snow in north, rain in other areas. Below zero temperatures north on 30th otherwise no extreme cold temperatures. High temperatures were 40's and 50's 26th south and throughout the area 27th and 28th.

Cows milking well. Feed supplies at present appear adequate.

**NEW JERSEY:** Daily temperatures averaged 22° below normal on 22d.. Averages: 30° north, 35° south and 36° coastal. Extremes: 8° at Newton on 2d and 67° at Freehold on 26th. Precipitation totals for period as much as 5.77 in. at Pomona averaging 2.54 in. north, 2.19 in. south, 1.10 in. coastal.

A severe coastal storm brought 50 to 60 mph winds early on 2nd. Temperatures dropped 20 to



25° in 2 hours and 1 to 3 in. of snowfall common. Heaviest reported was 4 in. at Charlottesville.

Farmers caring for livestock and other winter chores.

**NEW MEXICO:** Some snow northern mountains and eastern plains on 26th and northeast corner on 23th. Temperatures averaged very near normal. Precipitation totals for January averaged 50% or less of normal.

Moisture supplies short. Ranges mostly fair, some poor condition. Normal protein feeding, livestock fair to good. Dryland winter wheat poor in eastern portion due to lack of moisture. Irrigated wheat and barley fair to good. Spring seeding of wheat, land preparation, orchard pruning continued.

**NEW YORK:** Temperatures near to above normal. Precipitation moderate extreme west, heavy elsewhere. Freezing rain 26th interior eastern sections. Temperatures in 40's and low 50's during day. Colder air on 27th gradually changed rain to snow in all but southeast where locally heavy rain fell. Six to 12 in. snow central. Milder air on 1st and significant rainfall in eastern sections.

**NORTH CAROLINA:** Above normal precipitation. Temperatures slightly above normal. Some mountain locations 6.00 in. snowfall on Feb. 1. Days suitable fieldwork 1.2. Soil moisture mostly surplus. Small grains mostly fair to good. Pastures poor to good, mostly fair. Farm feed supplies generally adequate. Some spot shortages. Routine chores and some tobacco plant bed preparation.

**NORTH DAKOTA:** Temperatures ranged from 14 to 16° above normal. High of 48°, low of -27°. Precip-

itation ranged from 0.14 to 0.04 in. below normal. Snow depths ranged from 1 to 10 in.

Farm activities: Marketing of grain and livestock and attending farm meetings. Most livestock receiving supplemental feed.

**OHIO:** Precipitation in State every day. On 26th, rain south and mixture of rain, snow and freezing rain north and east. On 27th, 2.00 to 3.00 in. snow southeast. One to 2.00 in. snow northeast on 29th and 1.00 to 3.00 in. snow north and central on 30th. Weekly precipitation averaged 0.50 in. Mild 26th, then colder with temperatures below normal remainder of week. Much colder on 1st with near blizzard conditions northwest and blowing and drifting snow northeast and east. Temperatures averaged 23 to 30°.

Water standing in some winter wheat fields northwest. Adequate snow cover north central and northeast.

**OKLAHOMA:** Temperatures averaged from about normal to 4° above normal. Precipitation very light with only measurable amounts being in eastern third of State. Weekend mild and dry.

Another week with no rain. Topsoils dry 84% of State. Wheat condition mostly fair to poor. Greenbugs and cutworms widespread, considerable spraying for control. Panhandle dryland wheat in poor condition. Some irrigated acreage watered. Some spring oats and barley sown, but lack of moisture for sprouting a concern. Farm activities other than care of livestock directed at maintenance and preparing income tax returns. Pastures and ranges mostly depleted, but feed supplies are adequate. Some stock ponds going dry. Cattle in fair to good condition.

**OREGON:** Temperatures above normal. Extremes: 60's, 20's west; 60's, 6 east. Precipitation

along coast ranged 1.53 in. or less, 0.10 to 0.38 in. Willamette Valley, 0.05 in. or less east.

Growers attending agricultural meetings. Spraying clover, fertilizing fall grains, pruning orchards, training berries. Filberts in bloom. Potatoes, onions moving from storage. Feeding livestock moderate to heavy, feed supplies adequate. Lambing and calving continuing.

**PENNSYLVANIA:** Mild and wet beginning of week and weekend. Turning much colder with blustery winds by 26th. Weekly temperatures 2 to 4° below normal northwest and north to 3° above normal southeast. Extremes: 64 and -11°. Precipitation mostly as rain east and snow west totaled from 0.50 in. northwest to over 2.00 in. eastern half. Early week rainfall caused widespread small stream flooding and significant rises on major streams. Snowfall 6.00 to 9.00 in. west, central and northern mountains to 1.00 to 2.00 in. lower Susquehanna and extreme western counties.

Farmers doing normal winter chores.

**PUERTO RICO:** Island average rainfall 0.40 in. below normal. Highest weekly total 1.91 in. at Pico Del Este-Luquillo. Temperatures averaged about 73° on coasts and 67° interior with mean station temperatures ranging from 76.2°. Extremes: 91 and 49°.

Favorable weather for sugarcane maturing. Harvest started some areas. Some damages at Moca and Cabo Rojo due to fires. Generally good weather for development and cultivation of coffee. Tobacco harvest active. Pastures suffering due dry weather in southwest, and mountainous areas except in the Carolina area where they have been affected by excessive moisture. Food crop developing well. Irrigation used south coastal areas. Vegetables, citrus, and bananas harvested.

**SOUTH CAROLINA:** Temperatures for week averaged above normal. Rainfall heavy early week: 3.00 in. in mountains, more than 1.00 in. eastern part of State.

Rain hampered activities. Fertilizing, preparing land, seeding tobacco beds, setting cabbage when plants available. Harvesting greens scattered areas.

**SOUTH DAKOTA:** Very mild week, temperatures averaged from 4 to 18° above normal. Extremes: -21° Webster 27th, 64° Oral 30th. Warm afternoons in the eastern and northern parts melted much snow, reducing snow cover to one half its original depth. Eastern part received 2.00 to 4.00 in. of new snow with moisture content generally less than 0.20 in. Snowcover ranges from 2.00 to 17.00 in. in the Black Hills, from zero to 6.00 in. elsewhere west, and from 3.00 to 17.00 in. east.

Farrowing and early lambing underway, some losses in damp barns due to pneumonia. Feed supplies generally adequate except for scattered areas in south.

**TENNESSEE:** Temperatures averaged near normal west and middle and 5° below normal east. Coldest 28th with 12° at Crossville. Precipitation beginning and end of period. Little or no precipitation west and middle and up to 1.50 in. east.

Farm activities include feeding and caring for livestock, repairing and securing machinery, and obtaining fertilizer supplies. Pastures and winter wheat dormant. Livestock in good condition with supplemental feeding.

**TEXAS:** Arctic air first of week caused snow

Hill Country, southwest Texas and light rain southeast Texas. Saturated scattered rainfall occurred central, east and southeast Texas, with amounts less than 0.25 in. Temperatures below normal southern half above normal northern half. Rainfall below normal, east Texas received scattered amounts.

Wheat, oats continue slow growth, grazing below normal. Most areas suffer under mild to severe moisture stress. Seedbed preparation continues at feverish pace. Farmers south, Lower Rio Grande Valley waiting for adequate soil temperatures plant new crop. Wheat making slow growth most areas. Some dryland stands dying lack moisture, irrigated stands furnishing light grazing. Greenbug grain mites increasing many localities farmers spraying for control. Oats making poor growth. Most areas suffering mild to severe moisture stress. Rains east south to upper Gulf Coast provided moisture for spring growth some fields started respond. Rust, greenbugs showing up scattered localities from Blacklands southward, control measures necessary. Flax making satisfactory growth south, south central where moisture adequate. Cotton harvest essentially complete but seedbed preparation continues. Farmers south, south central completed seedbed preparation. Lower Rio Grande Valley: Cabbage harvest continues, light supplies. Carrots available. Onions making good growth. Planting watermelons, cantaloups continues. Early watermelon plantings received light freeze damage. Lettuce harvest active. Coastal Bend: Early planted watermelons sprouted, some already emerged. No damage reported from frost. Laredo: Onions making satisfactory progress. San Antonio-Winter Garden: Cabbage, carrot harvest continues. Spinach growth slowed due cold weather. Onions shown some damage result cold temperatures. Potato planting continues. Knox-Haskell: Land preparation continues Irish potato crop where planting expected start mid-February. Trans-Pecos: Onions, lettuce continue make good growth. Peaches: Pruning nearing completion commercial orchards. Dormant oil spraying has begun. Citrus harvest continues steady with larger percentage fruit now going processing channels. Livestock fair to good western half. Fair to poor eastern areas. Ranges pastures furnishing little grazing. Grass fires common occurrence. Irrigated wheat furnishing light grazing in High Low Plains but dryland stands providing no grazing. Moderate rains east Texas provided relief and grazing expected to improve shortly. Lambing, calving swing on Edwards Plateau and spring goat shearing getting underway.

**UTAH:** No measurable moisture reported. Local areas dense fog some northern valleys. Average temperatures quite variable, ranging from -4 to 10° above.

Fair and warmer weather made daily chores easier. Care and feeding of cattle and sheep on winter range, feedlots, and valley farms. Farm flock lambing should start. Turkey poults for 1976 flocks now being delivered. Some marketing potatoes, apples and dry onions continues.

**VIRGINIA:** Temperatures averaged above normal. Mild weather, early turning colder end of period. Precipitation heavy. Rain averaged 1.75 in., snow 1.00 in.

Fieldwork: 0.8 days suitable. Topsoil moisture 70% surplus, 29% adequate, 1% short. Winter grains and grazing crops improved due to milder temperatures. Feed supplies adequate.

Livestock good condition, calving, lambing normal. Fire, sun tobacco marketing continues. Field activities included: Tobacco planted preparation, plowing, lime and fertilizer applications with small grains being topdressed, hauling manure, digging drain ditches. Pesticide certification training schools, crop meetings active. General farm activities included: Income tax preparation, buying supplies, machinery repair, cutting firewood, slaughter.

WASHINGTON: West: Temperatures 2° subnormal southern part to 5° above normal northern part. Precipitation 0.60 in. subnormal except in Bellingham with 0.19 in. above normal.

Water damage in low areas of cabbage fields. Pruning canberries. Forced rhubarb harvest tapering off. Digging carrots. Eastern Washington hay being shipped in. Silage corn becoming short. East: Readings 5° above normal. Precipitation below normal.

Pruning in orchards and vineyards. Temperatures warm enough to reduce winter hardiness of some mature fruit trees. Winter wheat still vulnerable to sudden cold spell and stripe rust. Farm activities: Fertilizing, land leveling, machinery repair. Winter feed adequate. Calving and lambing proceeding.

WEST VIRGINIA: Temperatures above normal. Precipitation near normal.

Soil moisture mostly adequate. Favorable workdays 1.4. Farm activities limited to feeding livestock and repairs. Small grains in good condition with some snow cover. Livestock in good condition.

WISCONSIN: Bitter cold beginning week. Snow developed northwest 29th, spread over State, amounts of 1 to 3 in. north and east. Cold front on 1st caused light snow, with blowing and drifting from strong northwest winds. Frost depths January 30th averaged 17 in., increase of 2 in. from two weeks earlier but comparable to last year. Snow depths increased to average of 14 in., 5 in. more than in mid-January and 6 in. above last year.

WYOMING: Warmest temperatures east portion. Nearly all stations above normal. Precipitation ranged from trace to 0.51 in.

Supplemental feeding necessary most areas. Hay, roughage supplies should be sufficient. Livestock generally in good condition. Occasional snow showers of some benefit to winter wheat. Care and feeding of livestock, machinery repair major activities.

### Wind Cuts into Great Plains

More than a million acres in the Great Plains were damaged by wind erosion during November and December 1975. An additional 10 million acres are in danger of experiencing wind erosion over the next few months based on current land conditions. These conclusions--based on conditions as of December 31, 1975--highlighted the first report of the 1975-76 wind erosion season released by the U.S. Department of Agriculture's Soil Conservation Service (SCS).

Reports from 335 counties indicated 1,035,530 acres damaged, compared to 411,950 acres reported by 295 counties for the same period last year.

States reflecting the highest percentage of damage increase were South Dakota, 208,570 acres damaged compared to 7,080 the previous year; Oklahoma, 41,670 acres damaged compared to 2,100; and Nebraska, 171,402 acres damaged compared to 10,250.

States reporting less erosion than a year ago were North Dakota, 44,080 acres damaged compared to 64,480 the previous year; New Mexico, 13,220 acres damaged compared to 35,500; and Colorado, 6,000 acres damaged compared to 9,380.

Nearly 90 percent of the damage was to cropland. SCS considers land as damaged if enough soil has been removed or deposited to subject the land to further erosion hazard or to impair its capacity to produce.

Emergency tillage was used on a total of 590,198 acres to prevent damage in all 10 reporting States. The southern Great Plains claimed 72.9% of the emergency tillage reported; Texas led the way with 326,825 acres.

As indicated in the accompanying table, more than 10.3 million additional acres are in danger of suffering wind erosion over the next few months because of present land conditions, SCS reports.

Great Plains State	Acres in condition to blow
Northern:	
Montana	946,948
Nebraska	437,400
North Dakota	2,080,200
South Dakota	1,704,425
Wyoming	220,000
Subtotal	5,388,973
Southern:	
Colorado	676,815
Kansas	1,594,400
New Mexico	106,900
Oklahoma	649,898
Texas	1,886,803
Subtotal	4,914,816
<b>Total</b>	<b>10,303,789</b>

Major contributing factors to the high level of wind erosion this past fall included poor ground cover because of dry conditions that caused poor germination, lack of crop residue because of excessive tillage and dry weather, poor topsoil moisture, and very little snow cover.



HEATING DEGREE DAYS (BASE 65°) FOR WEEK ENDING FEB. 1, 1976.

STATES AND STATIONS	WEEKLY			SEASONAL ACCUMULATION +			STATES AND STATIONS	WEEKLY			SEASONAL ACCUMULATION +							
	TOTAL	DEPARTURE*	DEPARTURE FROM 1974-75	TOTAL	DEPARTURE*	DEPARTURE FROM 1974-75		TOTAL	DEPARTURE*	DEPARTURE FROM 1974-75	TOTAL	DEPARTURE*	DEPARTURE FROM 1974-75					
ALA. BIRMINGHAM.....	143	1	1942	120	348	348	MAINE CARIBOU.....	320	61	5651	200	166	YOUNGSTOWN.....	292	12	3651	6	76
MOBILE.....	1120	0	1120	1120	0	0	PORTLAND.....	329	54	4249	71	200	OKLA. OKLAHOMA CITY.....	151	36	2154	15	59
MONTGOMERY.....	1238	0	1238	1238	0	0	MD. BALTIMORE.....	176	44	2531	246	62	TULSA.....	163	28	2154	15	59
ARIZ. FLAGSTAFF.....	1938	0	3873	19	106	106	MASS. BOSTON.....	194	56	2880	237	67	OREG. ASTORIA.....	133	31	2748	167	145
PHOENIX.....	1398	0	2790	19	106	106	MICH. ALPENA.....	373	37	4605	98	161	BURNS.....	177	41	4537	367	345
TUCSON.....	1398	0	2790	19	106	106	FLINT.....	373	37	4605	98	161	MEDFORD.....	177	41	4537	367	345
WINSLON.....	1398	0	2790	19	106	106	DETROIT.....	373	37	4605	98	161	PENDLETON.....	177	41	4537	367	345
YUMA.....	1398	0	2790	19	106	106	GRAND RAPIDS.....	373	37	4605	98	161	PORTLAND.....	177	41	4537	367	345
ARK. FORT SMITH.....	182	19	2262	133	331	331	HOUGHTON LAKE.....	373	37	4605	98	161	SALEM.....	177	41	4537	367	345
LITTLE ROCK.....	182	19	2262	133	331	331	LANSING.....	373	37	4605	98	161	PA. ALLENTOWN.....	177	41	4537	367	345
CALIF. BAKERSFIELD.....	57	53	1364	55	229	229	MARQUETTE.....	373	37	4605	98	161	ERIE.....	177	41	4537	367	345
EUREKA.....	101	1	1903	101	1903	1903	MUSKOGEE.....	373	37	4605	98	161	HARRISBURG.....	177	41	4537	367	345
FRESNO.....	101	1	1903	101	1903	1903	S. STE. MARIE.....	373	37	4605	98	161	PHILADELPHIA.....	177	41	4537	367	345
LOS ANGELES.....	101	1	1903	101	1903	1903	MINN. DULUTH.....	112	12	2262	152	152	SCRANTON.....	177	41	4537	367	345
RED BLUFF.....	101	1	1903	101	1903	1903	INTERNATL FALLS.....	112	12	2262	152	152	R. I. PROVIDENCE.....	198	61	3273	42	127
SAN DIEGO.....	101	1	1903	101	1903	1903	MINNEAPOLIS.....	112	12	2262	152	152	S. C. CHARLESTON.....	102	10	1366	6	139
SAN FRANCISCO.....	101	1	1903	101	1903	1903	ROCHESTER.....	112	12	2262	152	152	COLUMBIA.....	102	10	1366	6	139
STOCKTON.....	101	1	1903	101	1903	1903	MISS. JACKSON.....	132	16	1584	101	297	GREENVILLE.....	142	12	2036	51	66
COLO. DENVER.....	177	64	3272	150	220	220	MERIDIAN.....	141	19	1772	207	454	S. DAK. ABERDEEN.....	284	100	4683	399	132
GRAND JUNCTION.....	177	64	3272	150	220	220	MO. COLUMBIA.....	241	29	2971	90	191	HURON.....	287	75	4537	145	144
PUEBLO.....	177	64	3272	150	220	220	KANSAS CITY.....	241	29	2971	90	191	RAPID CITY.....	287	75	4537	145	144
CONN. BRIDGEPORT.....	206	39	2790	164	47	47	ST. LOUIS.....	241	29	2971	90	191	SIoux FALLS.....	287	75	4537	145	144
HARTFORD.....	206	39	2790	164	47	47	SPRINGFIELD.....	241	29	2971	90	191	TENN. CHATTANOOGA.....	187	19	2399	194	165
DEL. WILMINGTON.....	200	31	2714	146	47	47	MONT. BILLINGS.....	181	110	4009	164	22	KNOXVILLE.....	197	29	2357	189	296
D. C. WASHINGTON.....	176	27	2531	21	366	366	GLASGOW.....	181	110	4009	164	22	MEMPHIS.....	164	18	1930	116	198
FLA. PALM BEACH.....	83	1	1015	138	338	338	GREAT FALLS.....	181	110	4009	164	22	NASHVILLE.....	179	3	2183	122	110
DAYTONA BEACH.....	83	1	1015	138	338	338	HAVRE.....	181	110	4009	164	22	TEXAS. ABILENE.....	135	3	1676	6	126
FORT MYERS.....	83	1	1015	138	338	338	HELENA.....	181	110	4009	164	22	AMARILLO.....	135	3	1676	6	126
JACKSONVILLE.....	83	1	1015	138	338	338	KALISPELL.....	181	110	4009	164	22	AUSTIN.....	135	3	1676	6	126
KEY WEST.....	83	1	1015	138	338	338	MILWAUKEE.....	181	110	4009	164	22	BEAUMONT.....	135	3	1676	6	126
LAKELAND.....	83	1	1015	138	338	338	NEBR. GRAND ISLAND.....	181	110	4009	164	22	BROWNSVILLE.....	135	3	1676	6	126
MIAAMI.....	83	1	1015	138	338	338	LINCOLN.....	181	110	4009	164	22	CORPUS CHRISTI.....	135	3	1676	6	126
ORLANDO.....	83	1	1015	138	338	338	NORFOLK.....	181	110	4009	164	22	DEL RIO.....	135	3	1676	6	126
TALLAHASSEE.....	83	1	1015	138	338	338	NORTH PLATTE.....	181	110	4009	164	22	EL PASO.....	135	3	1676	6	126
TAMPA.....	83	1	1015	138	338	338	OMAHA.....	181	110	4009	164	22	FORT WORTH.....	135	3	1676	6	126
NEXT PALM BEACH.....	83	1	1015	138	338	338	VALENTINE.....	181	110	4009	164	22	GALVESTON.....	135	3	1676	6	126
GA. ATLANTA.....	150	4	1984	41	243	243	NEV. ELI.....	220	52	4261	134	65	HOUSTON.....	108	19	991	51	154
AUGUSTA.....	112	18	1592	53	259	259	LAS VEGAS.....	220	52	4261	134	65	LUBBOCK.....	154	24	2034	185	256
Macon.....	112	18	1592	53	259	259	WINNEBUCCA.....	183	61	3368	476	495	MIDLAND.....	128	14	1623	24	9
SAVANNAH.....	98	12	1299	30	292	292	N. H. CONCORD.....	291	20	4872	666	471	SAN ANGELO.....	128	14	1623	24	9
IDAHO. BOISE.....	212	26	3341	129	51	51	N. J. ATLANTIC CITY.....	184	46	2924	97	214	SAN ANTONIO.....	128	14	1623	24	9
LEISTON.....	212	26	3341	129	51	51	TRENTON.....	184	46	2924	97	214	VICTORIA.....	128	14	1623	24	9
POCATELLO.....	212	26	3341	129	51	51	N. MEX. ALBUQUERQUE.....	200	21	2877	192	90	WACO.....	131	25	1697	160	132
ILL. CAIRO.....	199	3	2307	83	3	3	ROSELLE.....	157	21	2046	365	298	NICHITA FALLS.....	131	25	1697	160	132
CHICAGO.....	111	25	3434	119	18	18	N. Y. ALBANY.....	553	55	3869	92	172	UTAH. SALT LAKE CITY.....	219	29	3416	131	194
INDIANAPOLIS.....	111	25	3434	119	18	18	BINGHAMTON.....	553	55	3869	92	172	VT. BURLINGTON.....	294	49	4474	15	265
ROCKFORD.....	111	25	3434	119	18	18	BUFFALO.....	553	55	3869	92	172	VA. LYNCHBURG.....	173	23	2548	10	6
SPRINGFIELD.....	111	25	3434	119	18	18	CHESSICA.....	553	55	3869	92	172	NORFOLK.....	146	45	1889	15	97
IND. EVANSVILLE.....	243	20	2782	47	85	85	NEW YORK.....	553	55	3869	92	172	ROANOKE.....	171	25	2454	133	89
FORT WAYNE.....	243	20	2782	47	85	85	ROCHESTER.....	553	55	3869	92	172	WASH. GUILDFORD.....	134	44	2673	628	394
INDIANAPOLIS.....	243	20	2782	47	85	85	SYRACUSE.....	553	55	3869	92	172	SEATTLE-TACOMA.....	144	44	2673	628	394
SOUTH BEND.....	243	20	2782	47	85	85	N. C. ASHEVILLE.....	181	8	2621	59	236	SPOKANE.....	144	44	2673	628	394
IOWA. BURLINGTON.....	291	1	3483	176	117	117	CHARLOTTE.....	181	8	2621	59	236	HALL & HALLA.....	144	44	2673	628	394
DES MOINES.....	291	1	3483	176	117	117	GREENSBORO.....	181	8	2621	59	236	YARITA.....	144	44	2673	628	394
DUBUQUE.....	291	1	3483	176	117	117	HATTERAS.....	181	8	2621	59	236	W. VA. BECKLEY.....	221	10	3046	255	177
SIoux CITY.....	291	1	3483	176	117	117	RALPH.....	181	8	2621	59	236	CHARLESTON.....	221	10	3046	255	177
KANS. CONCORDIA.....	214	48	3154	212	37	37	WILLINGTON.....	181	8	2621	59	236	HUNTINGTON.....	221	10	3046	255	177
DODGE CITY.....	214	48	3154	212	37	37	N. DAK. BISHARCK.....	297	96	5013	286	263	PARKERSBURG.....	221	10	3046	255	177
GODDARD.....	214	48	3154	212	37	37	FARGO.....	297	96	5013	286	263	WIS. GREEN BAY.....	358	8	4613	26	62
GOREKA.....	214	48	3154	212	37	37	HILLSTON.....	297	96	5013	286	263	LACROSSE.....	358	8	4613	26	62
WICHITA.....	214	48	3154	212	37	37	OHIO. AKRON-CANTON.....	265	48	3359	205	38	MADISON.....	358	8	4613	26	62
KY. LEXINGTON.....	235	11	2928	173	43	43	CINCINNATI.....	265	48	3359	205	38	WILMAUKEE.....	358	8	4613	26	62
LOUISVILLE.....	235	11	2928	173	43	43	CLEVELAND.....	265	48	3359	205	38	WYO. CASPER.....	214	8	2673	152	119
LA. BATON ROUGE.....	97	1	1229	121	297	297	COLUMBUS.....	265	48	3359	205	38	CHEYENNE.....	214	8	2673	152	119
LARE CHARLES.....	97	1	1229	121	297	297	DAYTON.....	265	48	3359	205	38	LANDRUM.....	214	8	2673	152	119
NEW ORLEANS.....	97	1	1229	121	297	297	TOLEDO.....	265	48	3359	205	38	SHERIDAN.....	214	8	2673	152	119
SHREVEPORT.....	97	1</																

**FIRST CLASS MAIL**



**Average Monthly Weather Outlook**

