

# WEEKLY WEATHER AND CROP BULLETIN

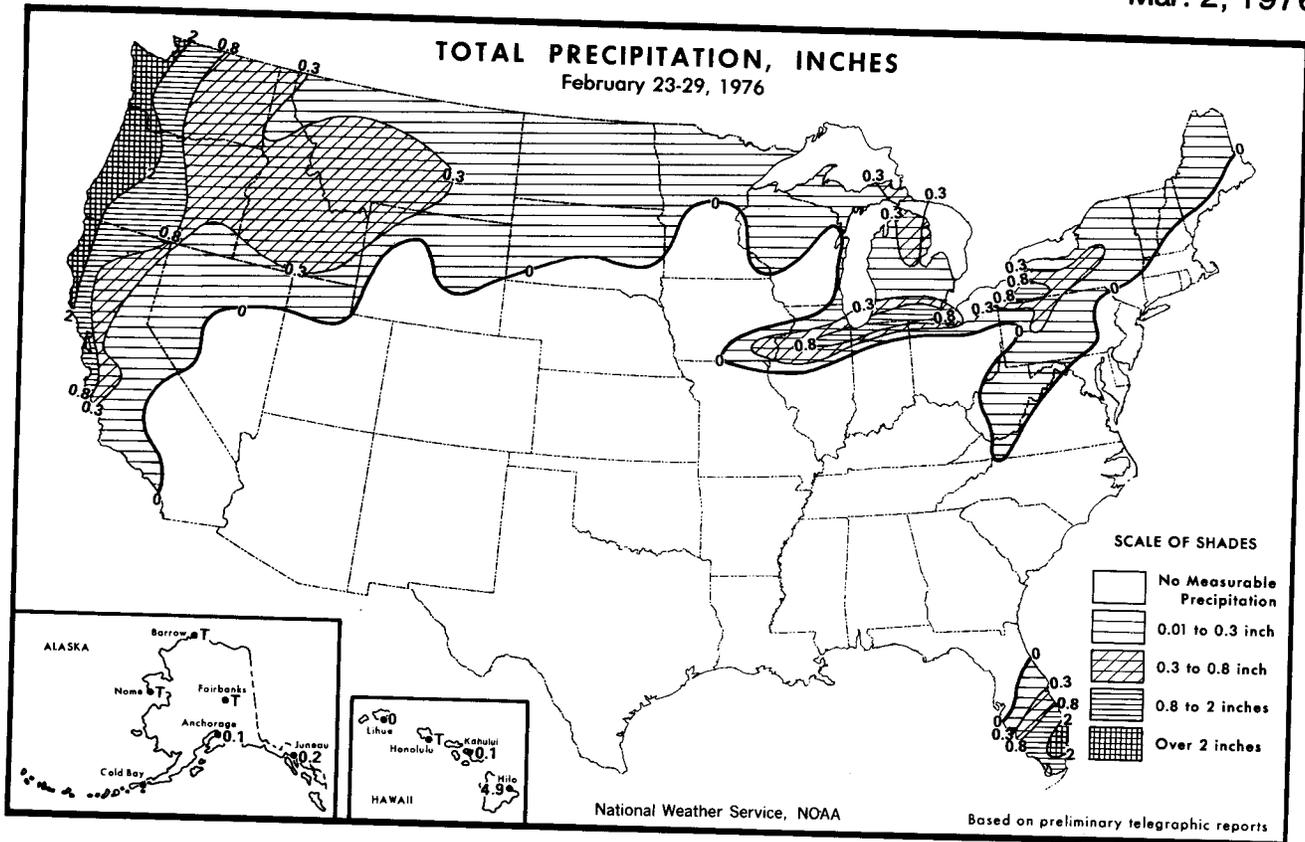
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## National Weather Summary

For the week of February 23-29

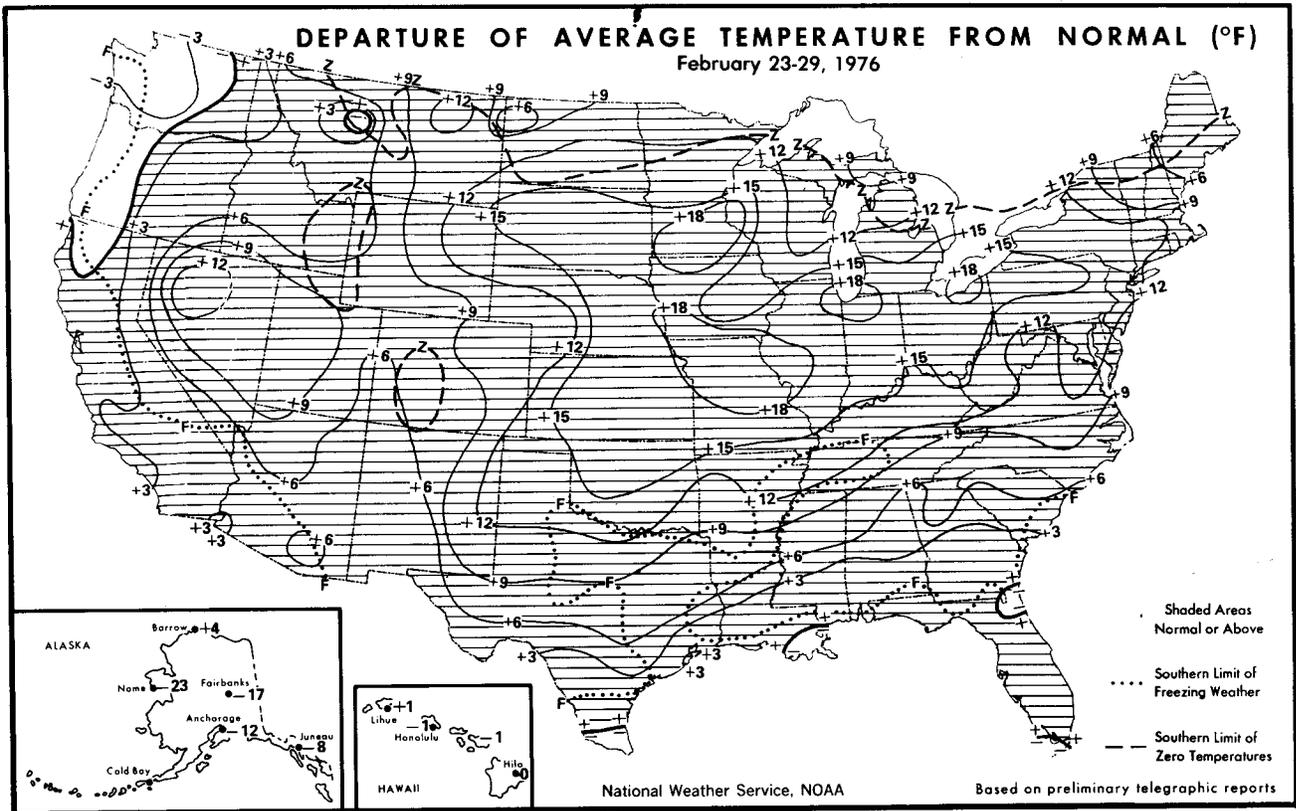
**HIGHLIGHTS:** Little significant precipitation dampened an unusually favorable weather week across virtually all of the U.S. Rain and snow accompanied seasonably cold temperatures along the northern half of the Pacific Coast, light flurries drifted into the lower Great Lakes region, and showers moistened southern Florida. In general weather seemed a couple of months ahead of schedule as temperatures from the central Plains to the northern Atlantic States averaged nearly 20° above normal in places.

Southerly breezes and fair skies accompanied the warming trend across the upper Great Plains and Rockies that again pushed temperatures in some places as high as 30° above normal by Monday afternoon. Record high honors went to Bismarck, N.Dak. 63° and Sioux City, Iowa 62°. Sunshine brightened the Nation's interior from the south-

ern Appalachians west across the central Plains and south through Texas and the southern Rockies.

Two weather systems shared the credit for most Monday precipitation nationwide. One Pacific cold front moved into western Idaho and northern California and another approached the Washington Coast, delivering light rain--with snow at higher elevations--throughout the Pacific Northwest. Elsewhere, light snow flurries appeared along the western lake shores of Michigan and from eastern Ohio into the central Appalachians and across western New York.

Southerly winds circling a high pressure system off the North Carolina Coast pulled warmer air across the middle and southern Atlantic Coast States on Tuesday. Once more, temperatures typical of late April reigned from the central Great Plains through the Ohio Valley region. Afternoon highs ranged from the 40's and 50's in



the North to 60's and 70's in the South. Only the northern portion of Maine--where temperatures failed to climb above the freezing mark--missed out on the mild weather that favored nearly all of the U.S.

North of the U.S. border a stationary high pressure system that blocked the movement of cold air to the eastern half of the Nation held its ground on Wednesday, shattering record high readings from the northern Plains into New England. Unseasonably warm weather in the Midwest that spread eastward to portions of the Atlantic Coast erased previous records in Lansing, Mich. 63°, Hartford, Conn. 70°, and Baltimore, Md. 73°

While unseasonably mild conditions prevailed from Michigan to North Carolina and into eastern New York and southern New England, clouds held temperatures lower over the central Plains and middle Mississippi Valley.

Stormy conditions sprang up on Thursday over Washington and Oregon as the Pacific front progressed inland across the Intermountain region. Locally heavy rains poured into portions of northern California.

In the Southeast another frontal system generated showers throughout the southern fourth of Florida, then headed northward along the Atlantic seaboard.

Widespread mild conditions still highlighted the national weather picture. From the central Plains to the northern Atlantic States Thursday's record highs included Caribou, Me. 42°, Rockford, Ill. 58°, and Syracuse, N.Y. 64°. Readings in the upper 50's extended as far north as the interior of Vermont.

In the Northwest rain, snow, and strong winds accompanied the vigorous storm as it spread into the western and southern mountains of Montana. Throughout the Pacific Northwest typical

February temperatures prevailed.

Meantime readings in the mid-70's generally scheduled for the month of May showed up from the central Great Plains and Oklahoma to the middle Atlantic Coast. Unseasonably warm air shattered record highs--many set in the 1890's--in Iowa, southern Minnesota, and New England, and from lower Michigan to the central Appalachians.

Though the weekend brought cooling across the Plains, and middle and upper Mississippi Valley, conditions were still mild for this time of year. From the lower Great Plains to the Atlantic Coast, many cities claimed new record highs: Harrisburg, Pa. 68°; Bridgeport, Conn. 67°; and Baltimore, Md. 74°.

An end to the record warm weather seemed near, however. As a cold front carrying gusty winds that topped 50 mph passed through Providence, R.I., temperatures slipped from a record 66 to a cooler 57°

Though U.S. weather conditions changed little during the week, a cold air mass that could spell winter's comeback for portions of central U.S. began pushing slowly southeastward on Sunday. Early afternoon temperatures hovered near the zero mark in northern portions of North Dakota and Montana. Just ahead of the cold surge record high readings came out of Utah (Salt Lake City, 60°) and Arizona (Phoenix, 84°) and from the southern Great Lakes region into southern New England. This sharp temperature contrast touched off showers from the lower Great Lakes region into Vermont.

Meanwhile the low pressure center in the West continued its buildup. Associated with the disturbance snow spread from southern portions of Oregon and Idaho across Wyoming and southern Montana into northwest Nebraska and capped the California Sierras.

## National Agricultural Summary

For the week of February 23-29

**HIGHLIGHTS:** Mild temperatures and virtually no rain in most of the United States produced another excellent week for fieldwork. Spring plowing and seed bed preparation advanced rapidly. Cotton, rice, corn, and sorghum planting began in extreme southern areas. Dryland winter wheat condition deteriorated further in the Great Plains with soil blowing occurring some areas. Fruit bloom developed far ahead of normal, raising concern over possible severe freeze damage later on.

**SMALL GRAINS:** The Great Plains winter wheat crop condition declined as dry weather continued, though the crop showed some improvement in South Texas. Local wind erosion occurred in the Oklahoma Panhandle, Texas High Plains, southeast Colorado, and western Kansas.

In Kansas, wheat condition declined and scattered blowing occurred in central and south central areas. Widespread soil blowing remains a potential threat in view of the unbroken period of unseasonably warm temperatures and little precipitation. Increased cutworms, greenbugs, and mites caused heaviest damage in central, south central, and southwestern counties.

Oklahoma's winter wheat crop sustained damage from greenbugs and cutworms and dry soils limited growth. Spraying to control insects was extensive. High winds greatly increased crop losses in the Panhandle and north central areas. Where conditions were more favorable, topdressing with nitrogen continued. Ranchers removed most cattle from wheat acreage. In Texas the winter wheat crop improved in some areas but growth was restricted primarily to irrigated stands. Local damage from wind erosion in the northern High Plains resulted in the abandonment of a few dryland stands. In south Texas early stands were in the boot stage. Greenbug populations increased but beneficial insect buildup should hold infestations in check. Oats made satisfactory growth in parts of east Texas but were restricted by dry soils elsewhere. The Colorado winter wheat crop was fair. Light to severe wind erosion damaged the crop in the east with most damage in the southeast. The winter barley crop was in poor condition.

Small grains in the East Central and Atlantic Coast States were greening up in fair to good condition and showing improvement. In the Mountain States the irrigated crop was in good condition but dryland wheat was poor. Some of the wheat was dormant. The Washington wheat crop was breaking dormancy in good condition.

**OTHER CROPS:** Cotton planting was active in South Texas where soil moisture was adequate; seed bed preparation continued elsewhere. In Arizona cotton fields were furrowed and irrigated prior to planting. Irish potato planting neared

completion in southern Alabama, Louisiana, and continued on Virginia's Eastern Shore and in Texas and Mississippi. The California potato harvest was winding down. A few acres of the Louisiana rice crop were seeded. The Florida sugarcane harvest was 75% complete. In Louisiana stubble was plowed out and herbicides applied where soils permitted. California sugarbeets should be ready to dig around April 1; planting continued in the central valleys. Maple sirup production began in the Northeast. Tobacco plant condition was good in Georgia. Other tobacco growing States continued plant bed preparation and seeding.

**FRUITS AND NUTS:** Fruit tree pruning was active in northern climates. Peach trees in the South began blooming far ahead of normal, leaving much of the crop susceptible to freeze damage. Almonds were past bloom, and beginning to leaf out. Apricots and plums were in bloom. Texas Valencia picking gained momentum and grapefruit harvest continued. California navel and lemon harvests progressed; fruit quality was fair to good. The early orange harvest in Florida slowed. Harvest of citrus from the Yuma and Salt River Valley continued in Arizona.

**VEGETABLES:** In South Carolina seeding of squash, cucumbers, and cabbage was active. Cabbage and greens harvests continued. Harvest of Arizona lettuce made good progress in the Yuma Valley, but was limited in the Salt River Valley. In Florida warm days and mild nights favored vegetable growth. Volume increased 5% with advances in tomatoes, sweet corn, cucumbers, radishes, and strawberries and declines in snap beans, eggplant, peppers, and potatoes; other crops were steady. In California harvest began on strawberries, increased on asparagus, and tapered off on lettuce.

In the Texas Lower Rio Grande Valley onion harvest began; cabbage and carrot harvests continued. The watermelon crop suffered freeze damage in the Coastal Bend. Cabbage, carrot, and spinach harvests were active in the San Antonio-Winter Garden area. Laredo onions made good growth while planting continued in the Trans Pecos.

**PASTURE AND LIVESTOCK:** Pasture and range condition improved across the northern United States; mild temperatures greened dormant grasslands, providing fair to good grazing. Livestock were in fair to good condition but supplemental feeding was required. Calving and lambing proceeded smoothly. Sheep shearing ranged from over half complete in Texas to 20% complete in northern areas.

February 29, 1976

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 . . .	55	+ 6	0	-1.4	La. Baton Rouge . . .	58	+ 2	0	-1.2	Youngstown . . .	46	+17	T	- .6
Mobile . . .	60	+ 4	0	-1.4	Lake Charles . . .	58	+ 1	0	-1.1	OKLA. Okla. City . . .	60	+17	0	- .4
Montgomery . . .	55	+ 3	0	-1.2	New Orleans . . .	58	+ 1	0	-1.3	Tulsa . . .	60	+17	0	- .5
ALASKA. Anchorage . . .	8	-12	.1	- .1	Shreveport . . .	60	+ 8	0	- .9	OREG. Astoria . . .	42	- 2	2.8	+1.0
Barrow . . .	15	+ 4	T	0	MAINE. Caribou . . .	20	+ 4	.3	- .2	Burns . . .	36	+ 3	.4	+ .1
Fairbanks . . .	15	-17	T	- .1	Portland . . .	31	+ 6	0	- .9	Medford . . .	42	- 1	1.5	+1.0
Juneau . . .	22	- 8	.2	- .6	MD. Baltimore . . .	51	+14	T	- .8	Pendleton . . .	45	+ 4	.5	+ .3
Kodiak . . .	-	-	-	-	MASS. Boston . . .	33	+11	T	- .9	Portland . . .	43	- 1	3.0	+2.1
Nome . . .	16	-23	T	- .2	Chatham . . .	39	-	0	-	Salem . . .	42	- 2	4.0	+3.3
ARIZ. Flagstaff . . .	39	+ 1	0	- .4	MICH. Alpena . . .	30	+10	0	- .4	PA. Allentown . . .	45	+13	.0	- .7
Phoenix . . .	82	+ 5	0	- .2	Detroit . . .	45	+16	.2	- .3	Erie . . .	43	+16	1.2	+ .6
Tucson . . .	61	+ 6	0	- .2	Flint . . .	41	+15	.1	- .3	Harrisburg . . .	47	+12	.1	- .6
Winslow . . .	44	+ 3	0	- .1	Grand Rapids . . .	42	+15	T	- .4	Philadelphia . . .	48	+12	T	- .7
Yuma . . .	63	+ 2	0	- .1	Houghton Lake . . .	31	+11	.5	+ .1	Pittsburgh . . .	46	+14	T	- .7
ARK. Fort Smith . . .	56	+11	0	- .8	Lansing . . .	41	+15	.2	- .2	Scranton . . .	44	+15	T	- .5
Little Rock . . .	57	+12	0	-1.1	Marquette . . .	33	+11	.3	- .1	R. I. Providence . . .	42	+11	0	- .9
CALIF. Bakersfield . . .	58	+ 4	0	- .2	Muskegon . . .	40	+13	.1	- .3	S. C. Charleston . . .	55	+ 3	0	-1.0
Eureka . . .	49	+ 1	4.3	+3.1	S. Ste. Marie . . .	23	+ 6	.4	0	Columbia . . .	55	+ 6	0	-1.0
Fresno . . .	59	0	.2	- .2	MINN. Duluth . . .	30	+14	.3	+ .1	Greenville . . .	52	+ 6	0	-1.2
Los Angeles . . .	51	0	.6	- .6	Internatl Falls . . .	21	+10	.3	+ .1	S. D. Aberdeen . . .	36	+17	T	- .1
Red Bluff . . .	60	+ 3	.6	- .1	Minneapolis . . .	38	+18	0	- .3	Huron . . .	37	+16	.1	- .1
San Diego . . .	60	+ 3	T	- .3	Rochester . . .	38	+18	T	- .2	Rapid City . . .	42	+15	.1	- .1
San Francisco . . .	53	+ 2	1.3	+ .6	St. Cloud . . .	31	+14	T	- .2	Sioux Falls . . .	39	+16	0	- .3
Stockton . . .	53	+ 2	.2	- .3	MISS. Jackson . . .	57	+ 5	0	-1.2	TENN. Chattanooga . . .	50	+ 5	0	-1.3
COLO. Denver . . .	44	+16	T	- .2	Meridian . . .	54	+ 2	0	-1.3	Knoxville . . .	51	+ 6	0	-1.2
Grand Junction . . .	42	+ 3	0	- .2	MO. Columbia . . .	55	+19	0	- .5	Memphis . . .	58	+12	0	-1.2
Pueblo . . .	44	+ 8	0	- .1	Kansas City . . .	54	+18	T	- .4	Nashville . . .	55	+12	0	-1.1
CONN. Bridgeport . . .	43	+10	0	- .7	St. Louis . . .	56	+19	0	- .6	TEX. Abilene . . .	61	+11	0	- .2
Hartford . . .	43	+14	0	- .8	Springfield . . .	56	+17	T	- .6	Amarillo . . .	55	+13	0	- .1
D. C. Washington . . .	53	+14	T	- .7	MONT. Billings . . .	37	+ 8	.4	+ .2	Austin . . .	61	+ 7	T	- .7
FLA. Apalachicola . . .	57	0	0	-1.1	Glasgow . . .	31	+13	.1	0	Beaumont . . .	59	+ 2	0	- .9
Daytona Beach . . .	63	+ 2	.1	- .7	Great Falls . . .	27	- 1	.4	+ .2	Brownsville . . .	63	- 2	0	- .3
Ft. Myers . . .	67	+ 1	1.0	+ .4	Havre . . .	31	+10	.1	0	Corpus Christi . . .	62	+ 1	0	- .4
Jacksonville . . .	57	- 1	0	- .9	Helena . . .	32	+ 4	.3	+ .2	Dallas . . .	62	-	-	-
Key West . . .	70	- 3	1.9	+1.5	Kalispell . . .	32	+ 5	.3	+ .1	Del Rio . . .	61	+ 3	0	- .2
Lakeland . . .	65	+ 2	T	- .8	Miles City . . .	35	+10	.1	0	El Paso . . .	54	+ 3	0	- .1
Miami . . .	71	+ 2	2.0	+1.5	Missoula . . .	33	+ 3	.7	+ .5	Fort Worth . . .	61	+10	0	- .6
Orlando . . .	65	+ 2	.2	- .6	NEBR. Grand Island . . .	47	+17	0	- .2	Galveston . . .	62	+ 4	0	- .6
Tallahassee . . .	56	0	0	-1.3	Lincoln . . .	44	+13	0	- .3	Houston . . .	59	+ 2	0	- .8
Tampa . . .	65	+ 2	T	- .8	Norfolk . . .	40	+10	0	- .2	Lubbock . . .	55	+10	0	- .1
W. Palm Beach . . .	68	+ 1	4.5	+3.8	N. Platte . . .	46	+18	0	- .3	Midland . . .	59	+ 9	0	- .1
GA. Atlanta . . .	54	+ 7	0	-1.2	Omaha . . .	40	+10	T	- .1	San Angelo . . .	60	+ 7	0	- .2
Augusta . . .	54	+ 4	0	-1.0	Valentine . . .	41	+15	T	- .1	San Antonio . . .	61	+ 4	0	- .5
Macon . . .	54	+ 2	0	-1.2	NEV. Ely . . .	40	+10	T	- .2	Victoria . . .	62	+ 3	0	- .5
Savannah . . .	56	+ 2	0	- .9	Las Vegas . . .	56	+ 5	0	- .1	Waco . . .	62	+ 7	0	- .6
HAWAII. Hilo . . .	71	0	4.9	+1.5	Reno . . .	43	+ 4	T	- .2	Wichita Falls . . .	60	+13	0	- .3
Honolulu . . .	72	- 1	T	- .6	Winnemucca . . .	49	+13	.2	0	UTAH. Blanding . . .	41	+ 6	0	- .2
Kahului . . .	71	- 1	.1	- .6	N. H. Concord . . .	31	+ 6	T	- .6	Salt Lake City . . .	46	+10	T	- .3
Lihue . . .	73	+ 1	0	-1.1	N. J. Atlantic City . . .	47	+11	0	- .9	VT. Burlington . . .	29	+ 7	.1	- .3
IDAHO. Boise . . .	43	+ 5	.5	+ .2	Trenton . . .	49	+14	0	- .8	VA. Lynchburg . . .	51	+11	0	- .7
Lewiston . . .	42	+ 2	.3	+ .1	N. MEX. Albuquerque . . .	46	+ 4	0	- .1	Norfolk . . .	54	+11	0	- .8
Pocatello . . .	37	+ 5	.6	+ .4	Richmond . . .	56	+11	0	- .1	Richmond . . .	54	+13	0	- .8
ILL. Cairo . . .	57	+15	0	-1.0	N. Y. Albany . . .	38	+12	T	- .6	Roanoke . . .	51	+11	T	- .8
Chicago . . .	48	+18	.6	+ .1	Binghamton . . .	39	+14	.1	- .5	WASH. Colville . . .	33	0	.6	+ .3
Moline . . .	46	+17	.3	- .1	Buffalo . . .	39	+13	.3	- .3	Omak . . .	34	0	.8	+ .6
Peoria . . .	47	+16	.5	+ .1	New York . . .	49	+14	0	- .8	Quillayute . . .	38	- 4	4.3	+1.5
Rockford . . .	43	+16	T	- .4	Rochester . . .	41	+14	.1	- .5	Seattle-Tacoma . . .	40	- 3	2.0	+1.1
Springfield . . .	51	+18	0	- .5	Syracuse . . .	39	+12	.4	- .3	Spokane . . .	36	+ 1	.5	+ .1
IND. Evansville . . .	53	+15	0	- .9	N. C. Asheville . . .	48	+ 7	0	-1.0	Walla Walla . . .	45	+ 2	.4	+ .1
Ft. Wayne . . .	47	+17	0	- .6	Charlotte . . .	52	+ 6	0	-1.0	Yakima . . .	36	- 3	.7	+ .6
Indianapolis . . .	50	+17	0	- .7	Greensboro . . .	52	+ 9	0	- .9	W. Va. Beckley . . .	49	+15	.1	- .8
South Bend . . .	47	+18	1.1	+ .6	Hatteras . . .	53	+ 6	0	-1.0	Charleston . . .	52	+13	.1	- .7
IOWA. Burlington . . .	48	+18	.7	+ .3	Raleigh . . .	56	+10	T	- .8	Huntington . . .	54	+16	T	- .8
Des Moines . . .	40	+13	T	- .4	Wilmington . . .	56	+ 6	0	- .9	Parkersburg . . .	52	+15	T	- .7
Dubuque . . .	37	+12	0	- .4	N. DAK. Bismarck . . .	30	+13	T	- .1	WIS. Green Bay . . .	32	+11	T	- .3
Sioux City . . .	43	+16	0	- .3	Fargo . . .	28	+13	T	- .1	La Crosse . . .	37	+14	T	- .3
KANS. Concordia . . .	50	+16	T	- .3	Williston . . .	24	+ 6	.1	0	Madison . . .	35	+12	T	- .3
Dodge City . . .	53	+16	0	- .2	OHIO. Akron-Canton . . .	46	+16	T	- .6	Milwaukee . . .	40	+15	T	- .3
Goodland . . .	45	+12	0	- .1	Cincinnati . . .	50	+14	T	- .8	WYO. Casper . . .	40	+12	.1	0
Topeka . . .	52	+16	0	- .3	Cleveland . . .	49	+19	T	- .6	Cheyenne . . .	38	+ 8	0	- .1
Wichita . . .	54	+15	0	- .3	Columbus . . .	48	+15	T	- .6	Lander . . .	36	+ 8	T	- .2
KY. Lexington . . .	51	+13	T	- .9	Dayton . . .	48	+15	T	- .6	Sheridan . . .	38	+10	.2	0
Louisville . . .	54	+16	0	-1.0	Toledo . . .	45	+15	1.4	+ .9	P. R. San Juan . . .	77	+ 1	---	---

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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:** Warm, dry week. Temperatures 6° above normal. Extremes: 81 and 26°.

Fieldwork advanced rapidly. Preparing land for planting major activity. Small grains make good growth. Irish potato planting nearly complete in south. Livestock fair, supplemental feeding reduced.

**ARIZONA:** Warm, dry week. Temperatures 2 to 8° above normal. No precipitation until Sunday night in north central mountains.

Cotton furrowing, preplant irrigation, application preplant herbicides continue Yuma county. Small grain irrigation, application herbicides, insect control. Planting complete. Established fields good progress. Safflower good progress, irrigation started. Good top growth, tap root development sugarbeets. Some irrigation, disease symptoms increasing. Lettuce seasonal progress Yuma, limited harvest Salt River Valley. Harvest mixed vegetables continued. Harvest sweet oranges, lemons, grapefruit, tangerines continued Yuma, Salt River Valley. Range conditions improving. Stock water, soil moisture adequate to good. Cattle, calves fair. Movement fat lambs slaughter moderate.

**ARKANSAS:** Dry and warm. Temperatures 5 to 15° above normal. Extremes: 19 and 80°. No rain.

Land preparation and nitrogen application on small grains and winter pastures main activities. Small grains making excellent growth. Need more moisture. Strawberry prospects and beds and crowns in good condition. Peach prospects good, some blooming, subject to freeze damage. Cattle good condition. Pastures making excellent growth.

**CALIFORNIA:** Light precipitation south coast and northwest areas early, north portion midweek into weekend. Weekly amounts over 6.00 in. some northern mountains but mostly light Sacramento Valley. Highs 60's central valley and coastal valleys, near 70 south coast and near 80 end of week low southeast deserts. Lows 30's and 40's most low valleys of State.

Small grains north half State helped by rain that continued through weekend. First cutting alfalfa about done desert areas. Sugarbeet planting central valleys. Desert beets ready for digging about April 1. Almond bloom peaked, beginning leaf out. Apricots, plums, peaches beginning bloom. Weed control, cultivation continuing. Navel, lemon harvest progressing. Quality fair to good. Winter spud harvest down, asparagus harvest increasing, strawberries beginning, lettuce tapering off. Range conditions improve rain, warm days. Forage short, except higher elevations. Feeding, hauling water active. Feedlots holding range cattle. Calf weights below normal.

**COLORADO:** No major storms, cold front 24th brought trace precipitation. Western temperatures normal. Eastern 6 to 12° above normal.

Winter wheat fair. Light to severe wind damage east, most damage southeast. Winter barley poor. Soil moisture very short southeast and east central, short to adequate elsewhere. Livestock good. Calving and lambing started. Hay supplies adequate.

**FLORIDA:** Mild early and late week. Cool north

and central midweek, scattered frost panhandle. Light to moderate scattered showers isolated thundershowers north and central. Rainfall 2.00 to 4.00 in. southern sections. Soil moisture short peninsula, adequate panhandle.

Land preparation active but very little planting of field crops. Sugarcane continues in full swing, 75% complete. Small grains improving but need rain. Peach trees past full bloom in good condition. Scattered showers warm temperatures beneficial to pastures. Soaking rains needed peninsular areas. Pastures slow to respond to fertilization because of topsoil moisture shortage. Cattle condition fair. Supplemental feeding continues. Citrus grove condition very good, but very dry, rain needed. Irrigation continues. Early orange harvest slowing. Weather favorable growth of vegetables, warm days. Mild nights. Rainfall beneficial most crops, southern areas. Shipments up 5%. Crops increasing, tomatoes, sweet corn, cucumbers, radishes, strawberries. Crops declining in volume, snap beans, eggplant, peppers, potatoes. Other crops steady. Rains slowed harvest. Transplanting, seeding spring crops active.

**GEORGIA:** Warm temperatures averaging 1° above normal south, 6° above normal northeast. Rainfall over 1.00 in. northeast and 0.25 to 0.50 in. elsewhere.

Soil moisture dry to adequate. Land preparation for spring planting ahead of recent years. Small grains good. Pastures fair to good and improving. Cattle fair. Tobacco plants good. Early peaches beginning to bloom, 20% full bloom Fort Valley area, earliest since 1955.

**HAWAII:** Gusty winds caused light damage to leafy crops-crop progress slowed. Farm activities limited to harvesting. Vegetable supplies light except head cabbage. Banana supplies light. Papaya supplies heavy. Pineapple harvesting light. Pastures good.

**IDAHO:** Temperatures below normal first, above normal midweek. Readings 3 to 6° above normal north and southwest and near normal east. Extremes: 16 to 64°. Precipitation near normal north but little or no precipitation south.

Fieldwork active southwest Idaho. Lambing and calving full swing. Livestock good condition, feed adequate.

**ILLINOIS:** Temperatures 12 to 19° above normal. Precipitation 0 to 0.75 in.

Winter wheat, other small grains and legumes good. Livestock doing well. Soil moisture adequate. Main farmwork: Machinery repair, chores, livestock care; some fertilizing wheat and seeding clover.

**INDIANA:** Balmy weather, many sunny days. Sunshine 78% of possible. Temperatures 19° above normal. High's 58° north, 66° south. Lows 39° north 45° south. Rainfall 1.00 to 2.00 in. confined to extreme northwest.

Mild conditions and drying topsoils resulted in flurry of field activities. Chopping stalks and tilling underway. Peach buds swelling, endangering loss of 1976 crop. Greening up continues.

**IOWA:** Unseasonably warm weather early colder weekend. Temperatures 15° above normal. Snow cover nearly gone. Dry except showers southeast 0.25 to 0.75 in. rain.

Farm activities livestock care, cleaning barn lots and readying equipment for 1976 crop season. Ground soft from melted snow and rain.

**KANSAS:** Little precipitation. Temperatures 15 to 20° above normal. Lighter winds western Kansas: Blowing dust confined mainly to east and south central during strong gusty winds the 24th.

Wheat condition continues decline. Soil blowing potential threat with warm temperatures and little precipitation. Scattered blowing in central and south central areas. Army cutworms, greenbugs, mites widespread. Damages heaviest in central, south central and southwestern counties. Oats seeding, 30% complete. Barley seeding 10% complete. Both considerably ahead of normal.

**KENTUCKY:** Very warm and dry. Temperatures 15 to 20° above normal. No precipitation.

Soils dried rapidly and outside activities spurted. Tobacco plant bed preparation, spreading manure, spring plowing and pasture renovation were active. Fall sown grains greening up. Cattle fair to good, still some supplemental feeding.

**LOUISIANA:** Temperatures 1 to 5° above normal southeast, 5 to 10° above elsewhere. No rain. Extremes: 80° several days, 31° 24th.

Land preparation good progress most areas. Fieldwork suitable 5 days. Soil moisture adequate. Small amount rice, corn seeded south. Potato planting virtually complete, early plantings emerging. Strawberries blooming and fruiting, good crop prospects. Plowing out sugarcane stubble, herbicide application active where soils permitted. Small grains fair to good. Pasture feed 69% average or better. Cattle fair.

**MARYLAND & DELAWARE:** Temperatures averaged 9 to 13° above normal. Precipitation 0.11 to 0.83 in.

Plowing, topdressing small grains, lime, fertilizer and manure spreading continued. Pruning fruit trees. Fences built and repaired.

**MICHIGAN:** Dry weather, mild temperatures averaged 11 to 19° above normal over southern Lower, 10 to 12° above normal over northern Lower and western Upper and 6 to 10° above normal over eastern Upper peninsula. Many record high temperatures. Precipitation light except 0.20 to 0.40 in. near Lake Superior.

Pruning fruit trees, feeding livestock and farm chores were main farm activities.

**MINNESOTA:** Temperatures averaged 15° above normal. northeast to 18° above normal south central.

Extremes: -10 to 62°. Precipitation well below normal central, west, and south; little above normal northeast quarter. New snow 2 to 6 in. north central, northeast; traces to 1 in. northwest.

Main winter activities include routine chores, preparing machinery and obtaining supplies for spring work.

**MISSISSIPPI:** Temperatures 5° above normal north, near normal elsewhere. Extremes: 80 and 25°. Greatest rainfall 3.53 in.

Soil moisture adequate south, adequate to surplus elsewhere. Fieldwork: 3.8 days suitable. Plowing 26% complete. Irish potatoes 29% planted. Winter wheat, oats, livestock fair. Hay and roughage

supplies short to adequate. Feed grain supplies short.

**MISSOURI:** Precipitation ranged 0.10 to 0.57 in. Temperatures exceed average to 16°.

Major farm activities care and management of livestock. Some spring fieldwork.

**MONTANA:** Very warm first turning colder weekend. Temperatures near normal central 10° above normal east. Stormy weather late week brought significant precipitation to all but north central and east. Strong winds early week caused soil erosion central.

Winter wheat fair. Wind damage moderate to heavy central north central--none to light elsewhere. Snow cover protection poor to week's end. Snow statewide March 1. Feed supplies adequate. Lamb and calf losses less than average. Calving and lambing 10% done. Shearing near 20% done. Winter range condition fair to good. Grazing open except for west.

**NEBRASKA:** Temperatures 15 to 30° above normal except 4 to 17° below normal last day. Precipitation 0.25 in. southeast.

Winter wheat and rye fair to good; no snow cover. Cattle require supplemental feeding on pastures, pasturing 45% of corn and milo stalk fields. Culling herds continuing. Calving underway.

**NEVADA:** Strong winds held minimum temperatures higher than normal. Extremes: 75 and 17°. Precipitation confined to extreme north, 1.15 in.

Winter grains normal. Calving and lambing gaining momentum.

**NEW ENGLAND:** Abnormally warm temperatures. A 4 to 5 in. snowfall 28th eastern Maine; other areas precipitation spotty and light.

Farmers ready for maple sugaring, some tapping started southern New England.

**NEW JERSEY:** Record breaking warm week. Temperatures 10° above normal, averaging 42° north 48° south and 49° coastal. Extremes: 12 and 76°. No rainfall.

Farmers caring for livestock, pruning fruit trees and beginning soil preparation.

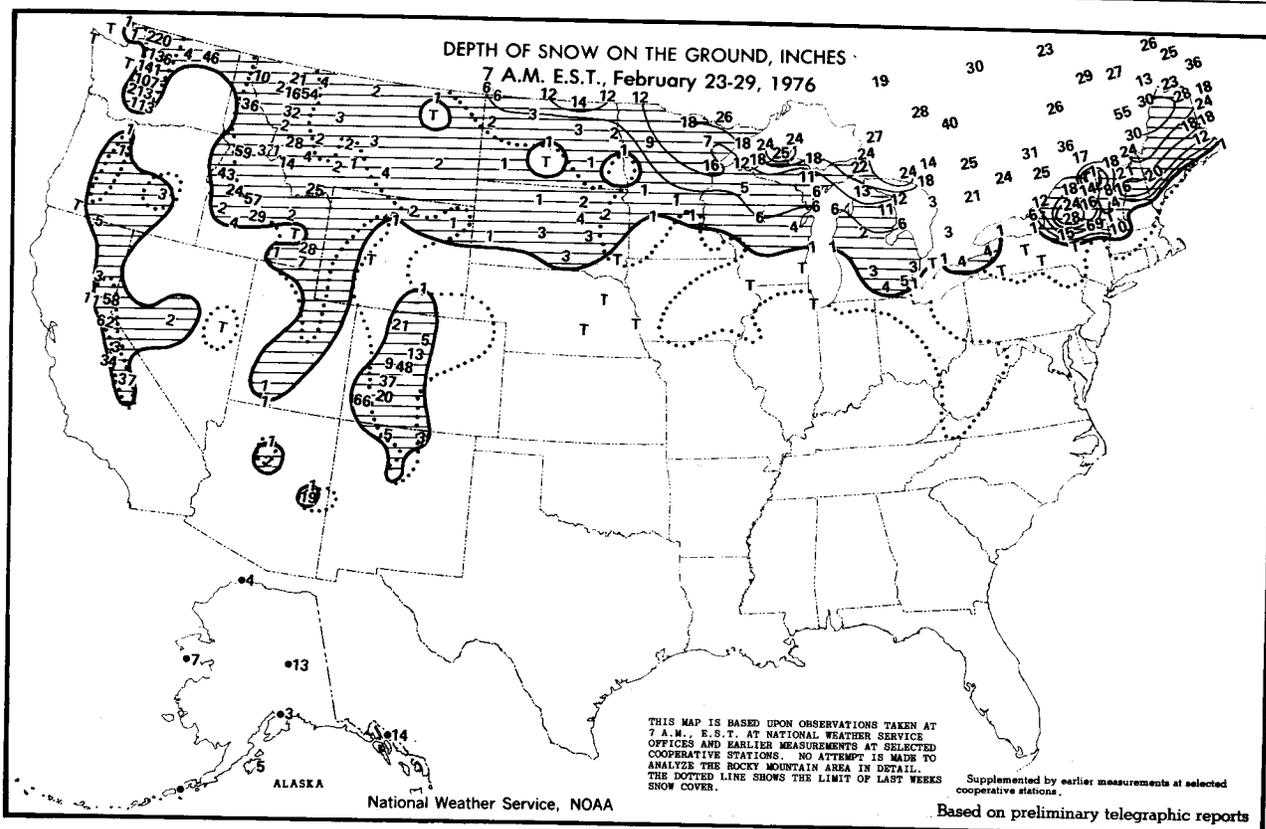
**NEW MEXICO:** February precipitation average Rio Grande Valley, 100 to 200% of normal southwestern and south central mountains. Totals extremely light east Central and Southeast Plains and Northwestern Plateau area.

Soil moisture short all areas. Dryland wheat poor irrigated wheat eastern areas fair good condition southern areas. Onions in Mesilla Valley fair to good. Land preparation continued. Irrigating new alfalfa wheat and barley. Ranges generally fair poor many areas and short of tank water. Livestock fair. Calving and shearing progressed.

**NEW YORK:** Temperatures above normal lows in 30's and 40's. Highs 50's and 60's. Extremes: -8 and 70°. Light precipitation under 0.25 in.

**NORTH CAROLINA:** Temperatures averaged 8 to 12° above normal. Precipitation 0.25 to 0.75 in.

Fieldwork: 4.6 days suitable. Moisture diminishing mostly adequate. Small grains improved but fair to good. Pasture fair to good. Farm feed supplies adequate. Major farm activities: land preparation, topdressing small grains, potato planting in coastal areas.



**NORTH DAKOTA:** Temperatures 13 to 20° above normal. Extremes: 66 to -9°. Precipitation below normal.

Weekend snow beneficial to fall sown grains and alfalfa fields and improves surface moisture for spring planting. Calving and lambing started. Feed supplies adequate. Livestock on winter rations.

**OHIO:** Snow 23rd, trace to 3.00 in. Record warm temperatures 27th and 29th. Showers and thunder-showers northwest on 29th. Precipitation trace southwest to 1.42 in. northwest.

Winter wheat out of dormancy. Fruit trees budding concern of damage should temperatures drop to about 10° during March.

**OKLAHOMA:** Temperatures 5 to 8° above normal. Precipitation none to 0.05 in. Measurable amounts eastern two-thirds. Greenbug and armyworm damage increased as dry soils limited growth. Spraying for control extensive. High winds February 20-21 caused much additional loss in Panhandle and north central. Topdressing nitrogen in more favored areas. Most cattle removed from wheat acreage. Spring small grain seeding stepped up as season becomes late but acreage small. Dry soils slowed seedbed preparation. Peach trees starting to bloom, with loss to frost highly probable. Ranges short and dusty. Some new growth started east following scattered light rains. Cattle fair condition marketing active.

**OREGON:** Temperatures above normal early week, cooling later. Extremes: 60's, 80's west; 60's east. Precipitation along coast ranged 1.76 to 4.57 in., 1.11 to 3.52 in. west, 0.02 to 0.52 in. east.

Plowing, fertilizing, spraying grain for wild

oats as weather permits. Fall seeded grain fair to good. Pruning orchards, training berries. Potatoes, onions moving from storage. Livestock feeding moderate to heavy feed supplies adequate. Calving, lambing continuing.

**PENNSYLVANIA:** Mild sunny and dry. Temperatures 30's to 60's averaging 10 to 16° above normal. Extremes: 15 and 72°. Rain midweek and end confined to northwest 0.50 to 1.00 in.

Field activity increased. Limited manure spreading, topdressing and plowing.

**PUERTO RICO:** Rainfall 0.88 in. 0.21 in. above normal. Temperatures 74° on coasts and 69° interior. Extremes: 88 and 50°.

**SOUTH CAROLINA:** Temperatures 3 to 6° above normal. No rain.

Extremely dry, numerous brush fires across State. Farm Activities: Land preparation, fertilizing small grains, pastures. Peach trees blooming some areas. Laying off tobacco rows. Seeding squash, cucumbers. Harvest late cabbage, greens. Transplanting spring cabbage.

**SOUTH DAKOTA:** Mild temperatures 14 to 21° above normal. Extremes: 0 and 71°. Precipitation less than 0.25 in. Moisture content.

Few farmers started to seed spring wheat. Some early plowing, discing, and cornstalks shredding. Winter wheat and rye greening up many areas possible winterkill. Calving starting farrowing and lambing underway. Many cattle on corn and sorghum stubble.

**TENNESSEE:** Warm, dry winds temperatures mid to upper 50's; 10 to 15° above normal 2d week in row. No rainfall.

Soil moisture becoming short some areas. Tobacco seeding and fieldwork ahead of normal. Pastures, trees and small grain growth well advanced for season.

TEXAS: Warm temperatures no rainfall. Temperatures 4 to 8° above normal southwest, south Texas; 10 to 15° above normal northwest, northeast Texas.

Wheat, oats show some improvement. Growth, restricted primarily to irrigated stands. Planting cotton, corn, sorghum active southern areas where moisture available. Most farmers working under drought conditions need moisture to complete planting. Wheat: Wind erosion damage scattered localities northern High Plains a few dryland stands abandoned. Upright growth started south Texas where early stands in boot stage. Greenbug numbers high some stands, but beneficial insect build-up show promise holding infestations in check. Oats: Satisfactory growth parts Blacklands East Texas response recent rains warm temperatures. Dry weather rest of State, restricting growth most areas. Farmers rapidly losing hope making grain crop Edwards Plateau, south South central. Flax: Blooming south, south central Texas, Coastal Bend Upper Gulf Coast. Drought continues plague crop good rain would be welcome relief. Cotton: Planting active Coastal Bend Lower Rio Grande Valley where moisture available. Preparing seedbeds elsewhere but moisture short. Few gins Low Plains Edwards Plateau operating ricked cotton. Corn: Seeding 3% complete still early stages southern half. Planting as moisture conditions permit. Early stands up and growing Upper Gulf Coast Coastal Bend. Sorghum: Planting 6% complete and on schedule. Farmers planting where moisture conditions adequate but farmers southern half need additional moisture complete planting intentions.

Commercial Vegetables: Lower Rio Grande Valley: Most onion growers will be harvesting first week in March. Cabbage and carrot harvest continues. Early tomatoes making good growth. Peppers being planted. Some frost damage occurred to potato and melon crops but replanting not necessary. Coastal Bend: Some damage occurred to watermelon crop due to freeze. Cucumber planting nearing completion. San Antonio-Winter Garden: Cabbage and carrot harvest continues. Potato planting nearing completion. Spinach harvest active. Onions making good growth. Some early irrigated watermelon emerged. Additional moisture needed to plant remainder of dryland crop. Some cabbage being plowed under because of poor prices. Laredo: Onions making good growth. Knox-Haskell: Irish potato planting virtually complete. Trans-Pecos: Onion planting continues. High Plains: Land preparation and fertilization in progress for potatoes and onions.

Peaches: Trees blooming as far north as counties in Cross-Timbers. Unseasonably warm spring will be necessary to save crop from frost damage. Citrus: Harvest active. Early and mid-season oranges virtually complete. Valencia picking gaining momentum. Grapefruit harvest continues for both fresh market and processing.

Ranges show new growth but short moisture continues restrict development. Range fires common most areas substantial acreages lost Edwards Plateau Trans-Pecos areas. Recent moisture eastern areas allowed small grain pastures

to show improvement. Livestock starting to gain weight. Shearing active but past halfway mark in most localities. Calving, lambing continues but weights light, percentages not up to normal.

UTAH: Rain changing to snow northwest--otherwise no precipitation. Average temperatures 2 to 6° below normal some valleys northern portion and in northern mountains elsewhere averages normal to 6° above.

Early land preparation southern sections. Farm flock lambing. Few early spring calves dropped. Marketing potatoes, apples from storage nearing completion. Care of livestock on winter ranges, valley farms and feedlots continues.

VIRGINIA: Fair skies. Cool first warming throughout period. 12° above normal. Rainfall very light widely scattered averaging less than 0.10 in.

Fieldwork: 5 days suitable. Topsoil moisture 9% surplus, 86% adequate, 5% short. Excellent week for fieldwork. Most farmers ahead of normal. Land preparation active all areas. Seeding oats overseeding pastures, topdressing small grains, spreading lime, fertilizer, manure. Some herbicide applications, pruning, spraying orchards. If mild weather much longer, some concern peaches, plums, other early fruit. Preparing, seeding tobacco plantbeds. Early seeding potatoes eastern shore continued. Livestock, calving, lambing good to excellent. Pastures greening. Maple syrup production started.

WASHINGTON: West: Temperatures 2° subnormal along coast to 3° above normal Puget Sound area. Precipitation above normal all areas.

Digging certified strawberries. Planting new raspberry bushes. Harvesting forced rhubarb. Soils too wet to work.

East: Readings 2 to 5° above normal. Precipitation above normal.

Pruning orchards. Blossom degrees accumulating. Grafting to new fruit tree varieties. Considerable stone fruit bud swell. Digging and transplanting mint. Seeding spring wheat. Winter wheat fields breaking dormancy. Soil moisture average or above. Calving and lambing proceeded smoothly.

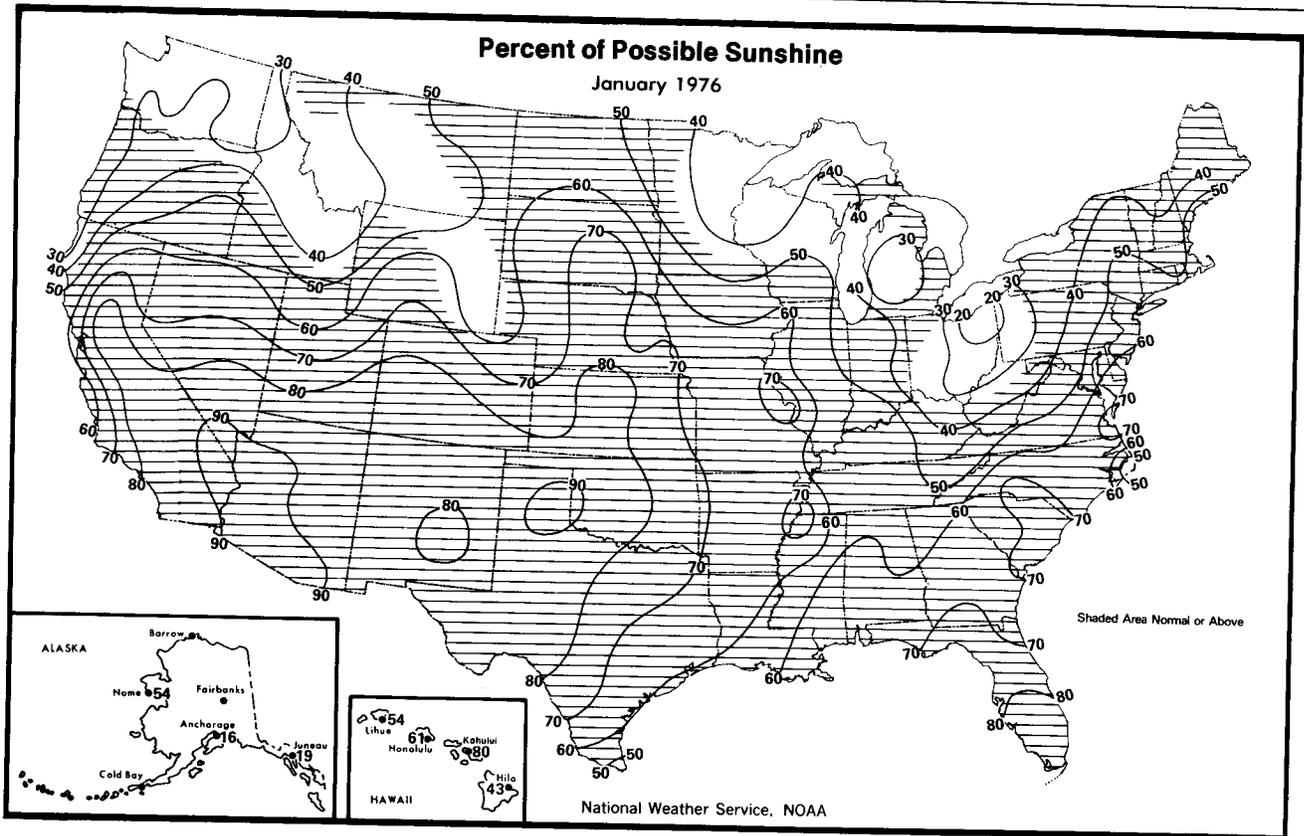
WEST VIRGINIA: Temperatures 20° above normal. Precipitation below normal.

Fieldwork: Suitable 4.5 days. Soil moisture adequate. Warm days caused buds to swell and fall sown grains to green up. Livestock in good condition. Some plowing.

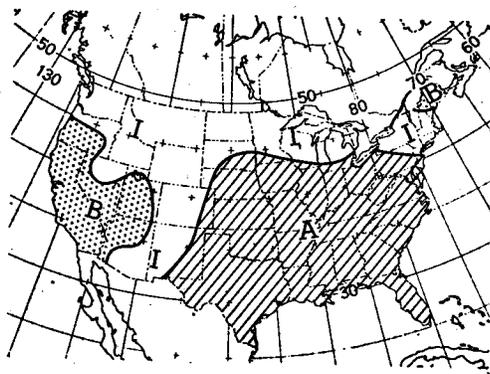
WISCONSIN: No major storms, precipitation under 0.10 in. mainly as rain in north. Unseasonably mild high's in 30's and 40's 23rd and 24th, in 50's 25th through 27th turning cooler weekend with high's in 30's and 40's except 20's northwest 29th.

WYOMING: Despite minimum temperatures that dropped to teens and sub-zero, departures well above normal. Week was dry, only moisture being in powder, Little Missouri and Tongue Drainage.

Major farm and ranch activities: Supplemental feeding and care of livestock. Livestock condition good. Calving and lambing some areas. Winter wheat good, still dormant.



**OUTLOOK FOR SPRING AVERAGE TEMPERATURES**  
MARCH through MAY 1976

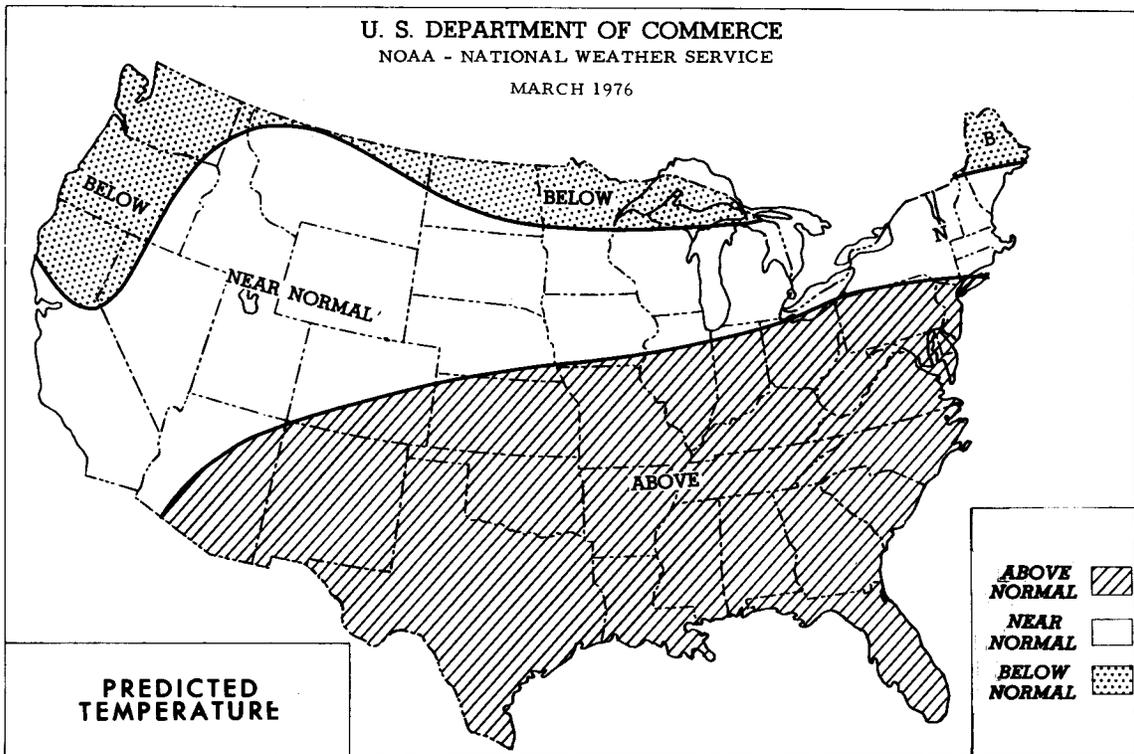
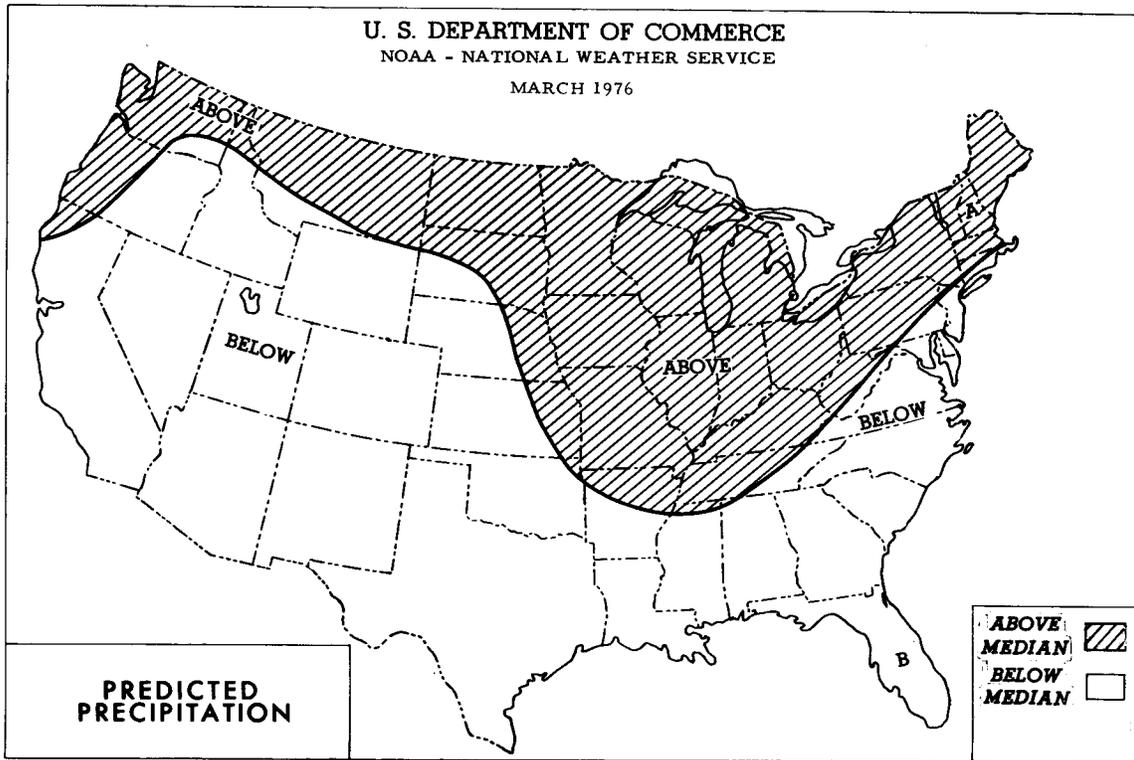


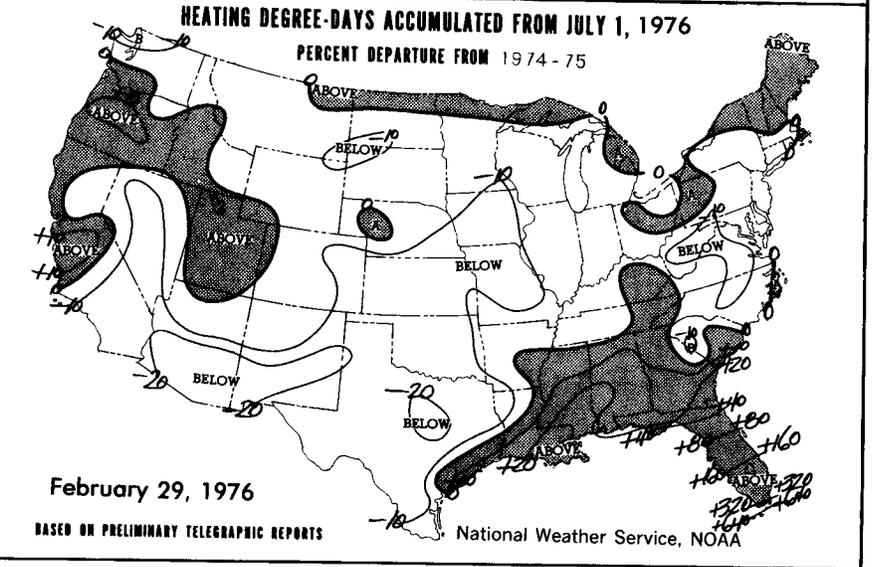
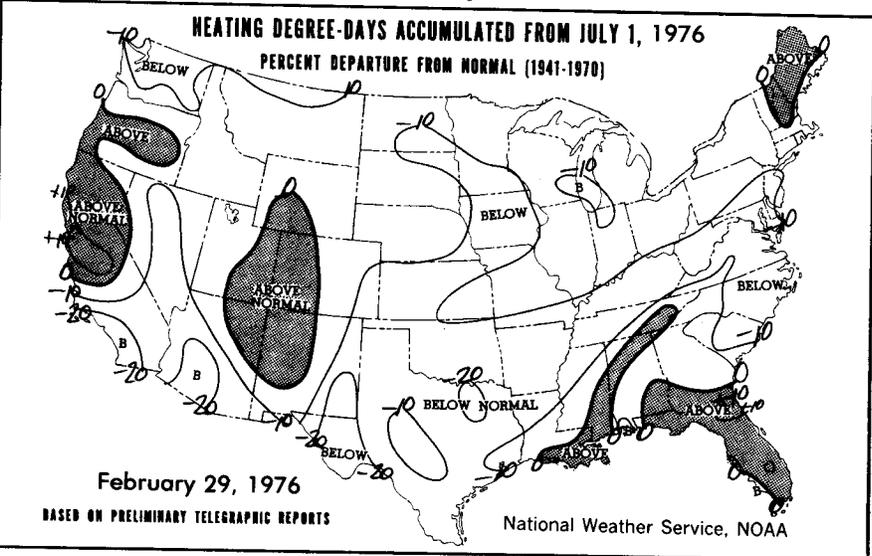
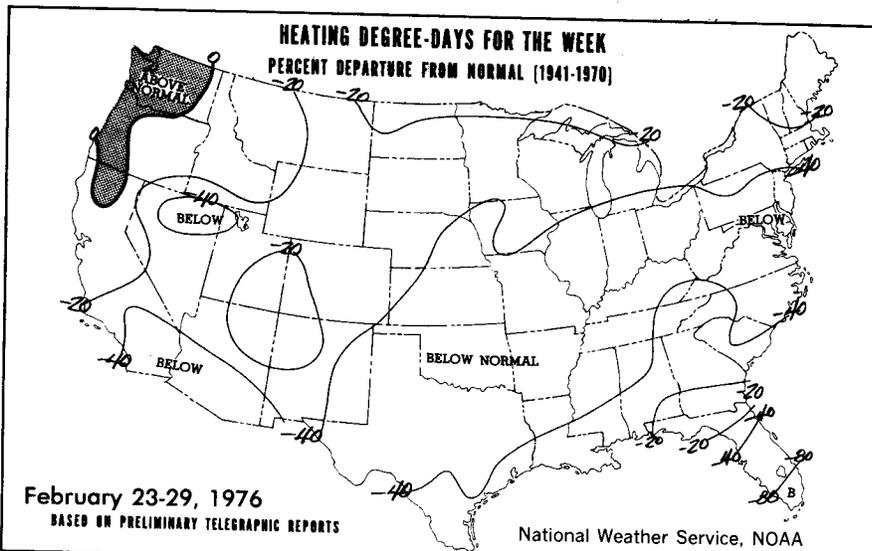
- A** Above Normal, 60% chance of occurrence
- B** Below Normal, 60% chance of occurrence
- I** Indeterminate, 50% chance of Above Normal  
50% chance of Below Normal

The two categories Above and Below are to be compared to the long-term average or "normal" temperatures of the years 1941-70. Each category has a natural climatic frequency or probability of 50%. Each carries a 60% probability of occurring where forecast (shaded area), based on the verification scores of seventeen years of experimental seasonal predictions.

NOAA National Weather Service  
Long Range Prediction Group

### Average Monthly Weather Outlook





**IMMEDIATE - U. S. Weather Report**

This Report Will be Treated in All Respects as Letter Mail

POSTAGE AND FEES PAID  
 U. S. DEPARTMENT OF COMMERCE



**FIRST CLASS MAIL**

**HEATING DEGREE DAYS (BASE 65°) FOR WEEK ENDING FEB. 29, 1976.**

STATES AND STATIONS	WEEKLY			SEASONAL ACCUMULATION +			STATES AND STATIONS	WEEKLY			SEASONAL ACCUMULATION +			STATES AND STATIONS	WEEKLY			SEASONAL ACCUMULATION +		
	TOTAL	DEPARTURE*	TOTAL	DEPARTURE*	DEPARTURE FROM 1974-75	TOTAL		DEPARTURE*	TOTAL	DEPARTURE*	DEPARTURE FROM 1974-75	TOTAL	DEPARTURE*		TOTAL	DEPARTURE*	DEPARTURE FROM 1974-75			
ALA. BIRMINGHAM...	130	123	4477	247	212	212	MAINE CARIBOU...	130	123	4477	247	212	212	OKLA. OKLAHOMA CITY...	130	123	4477	247	212	212
ALA. MOBILE...	130	123	4477	247	212	212	MAINE PORTLAND...	130	123	4477	247	212	212	OKLA. TULSA...	130	123	4477	247	212	212
ALA. MONTGOMERY...	130	123	4477	247	212	212	MAINE ST. GEORGE...	130	123	4477	247	212	212	OREG. ASTORIA...	130	123	4477	247	212	212
ARIZ. FLAGSTAFF...	130	123	4477	247	212	212	MD. BALTIMORE...	130	123	4477	247	212	212	OREG. BURNS...	130	123	4477	247	212	212
ARIZ. PHOENIX...	130	123	4477	247	212	212	MD. MASS-BOSTON...	130	123	4477	247	212	212	OREG. DEPEND...	130	123	4477	247	212	212
ARIZ. TUCSON...	130	123	4477	247	212	212	MICH. ALPENA...	130	123	4477	247	212	212	OREG. PORTLAND...	130	123	4477	247	212	212
ARIZ. YUMA...	130	123	4477	247	212	212	MICH. DETROIT...	130	123	4477	247	212	212	OREG. SALEM...	130	123	4477	247	212	212
ARK. FORT SMITH...	130	123	4477	247	212	212	MICH. FLINT...	130	123	4477	247	212	212	PENN. ALLENTOWN...	130	123	4477	247	212	212
ARK. LITTLE ROCK...	130	123	4477	247	212	212	MICH. GRAND RAPIDS...	130	123	4477	247	212	212	PENN. HARRISBURG...	130	123	4477	247	212	212
CALIF. BAKERSFIELD...	130	123	4477	247	212	212	MICH. Houghton Lake...	130	123	4477	247	212	212	PENN. PHILA...	130	123	4477	247	212	212
CALIF. EUREKA...	130	123	4477	247	212	212	MICH. LANSING...	130	123	4477	247	212	212	PENN. SCANTON...	130	123	4477	247	212	212
CALIF. FRESNO...	130	123	4477	247	212	212	MICH. S. STE. HART...	130	123	4477	247	212	212	R.I. PROVIDENCE...	130	123	4477	247	212	212
CALIF. LOS ANGELES...	130	123	4477	247	212	212	MINN. DULUTH...	130	123	4477	247	212	212	S.C. CHARLESTON...	130	123	4477	247	212	212
CALIF. RED BLUFF...	130	123	4477	247	212	212	MINN. INTERNET FALLS...	130	123	4477	247	212	212	S.C. COLUMBIA...	130	123	4477	247	212	212
CALIF. SAN DIEGO...	130	123	4477	247	212	212	MINN. ROCHESTER...	130	123	4477	247	212	212	S.DAK. SIOUX FALLS...	130	123	4477	247	212	212
CALIF. SAN FRANCISCO...	130	123	4477	247	212	212	MINN. ST. LOUIS...	130	123	4477	247	212	212	TENN. MEMPHIS...	130	123	4477	247	212	212
CALIF. STOCKTON...	130	123	4477	247	212	212	MISS. JACKSON...	130	123	4477	247	212	212	TENN. NASHVILLE...	130	123	4477	247	212	212
COLORADO DENVER...	130	123	4477	247	212	212	MISS. MOBILE...	130	123	4477	247	212	212	TENN. WASHINGTON...	130	123	4477	247	212	212
COLORADO GRAND JUNCTION...	130	123	4477	247	212	212	MO. COLUMBIA...	130	123	4477	247	212	212	TEX. AUSTIN...	130	123	4477	247	212	212
COLORADO PUEBLO...	130	123	4477	247	212	212	MO. KANSAS CITY...	130	123	4477	247	212	212	TEX. DALLAS...	130	123	4477	247	212	212
CONN. BRIDGEPORT...	130	123	4477	247	212	212	MO. SPRINGFIELD...	130	123	4477	247	212	212	TEX. HOUSTON...	130	123	4477	247	212	212
CONN. HARTFORD...	130	123	4477	247	212	212	MONT. BILLINGS...	130	123	4477	247	212	212	TEX. SAN ANTONIO...	130	123	4477	247	212	212
DEL. WILMINGTON...	130	123	4477	247	212	212	NEBR. GRAND ISLAND...	130	123	4477	247	212	212	TEX. WACO...	130	123	4477	247	212	212
D.C. WASHINGTON...	130	123	4477	247	212	212	NEBR. LINCOLN...	130	123	4477	247	212	212	TEX. WICHITA...	130	123	4477	247	212	212
FLA. APALACHICOLA...	130	123	4477	247	212	212	NEBR. NORTH PLATTE...	130	123	4477	247	212	212	UTAH SALT LAKE CITY...	130	123	4477	247	212	212
FLA. DAYTONA BEACH...	130	123	4477	247	212	212	NEBR. OMAHA...	130	123	4477	247	212	212	VA. RICHMOND...	130	123	4477	247	212	212
FLA. FORT MYERS...	130	123	4477	247	212	212	NEBR. VALENTINE...	130	123	4477	247	212	212	VA. ROANOKE...	130	123	4477	247	212	212
FLA. JACKSONVILLE...	130	123	4477	247	212	212	NEV. ELV...	130	123	4477	247	212	212	VA. WASHINGTON...	130	123	4477	247	212	212
FLA. KEY WEST...	130	123	4477	247	212	212	NEV. LAS VEGAS...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
FLA. LAKELAND...	130	123	4477	247	212	212	NEV. RENO...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
FLA. MIAMI...	130	123	4477	247	212	212	NEV. WASHINGTON...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
FLA. ORLANDO...	130	123	4477	247	212	212	N.H. CONCORD...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
FLA. TALLAHASSEE...	130	123	4477	247	212	212	N.J. ATLANTIC CITY...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
FLA. TAMPA...	130	123	4477	247	212	212	N.J. TRENTON...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
FLA. WEST PALM BEACH...	130	123	4477	247	212	212	MEX. ALBUQUERQUE...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
G.A. ATLANTA...	130	123	4477	247	212	212	MEX. ROSWELL...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
G.A. AUGUSTA...	130	123	4477	247	212	212	N.Y. ALBANY...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
G.A. SAVANNAH...	130	123	4477	247	212	212	N.Y. BINGHAMTON...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IDAHO BOISE...	130	123	4477	247	212	212	N.Y. NEW YORK...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IDAHO LEHISSION...	130	123	4477	247	212	212	N.Y. SYRACUSE...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IDAHO POCATELLO...	130	123	4477	247	212	212	N.Y. YONKERS...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
ILL. CAIRO...	130	123	4477	247	212	212	N.C. ASHEVILLE...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
ILL. CHICAGO...	130	123	4477	247	212	212	N.C. CHARLOTTE...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
ILL. DECATUR...	130	123	4477	247	212	212	N.C. CONCORD...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
ILL. PEORIA...	130	123	4477	247	212	212	N.C. DURHAM...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
ILL. ROCKFORD...	130	123	4477	247	212	212	N.C. FAYETTEVILLE...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
ILL. SPRINGFIELD...	130	123	4477	247	212	212	N.C. GREENSBORO...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IND. EVANSVILLE...	130	123	4477	247	212	212	N.C. WILMINGTON...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IND. FORT WAYNE...	130	123	4477	247	212	212	N.DAK. BISMARCK...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IND. INDIANAPOLIS...	130	123	4477	247	212	212	N.DAK. GRAND FORK...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IND. SOUTH BEND...	130	123	4477	247	212	212	N.DAK. SIOUX FALLS...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IOWA AMES...	130	123	4477	247	212	212	N.DAK. WYOMING...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IOWA DES MOINES...	130	123	4477	247	212	212	OHIO AKRON-CANTON...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
IOWA SIoux CITY...	130	123	4477	247	212	212	OHIO CLEVELAND...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
KANS. CONCORDIA...	130	123	4477	247	212	212	OHIO COLUMBUS...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
KANS. GOODYEAR...	130	123	4477	247	212	212	OHIO DAYTON...	130	123	4477	247	212	212	VA. WICHITA...	130	123	4477	247	212	212
KANS. TOPEKA...	130	123	4477	2																