

Weekly Weather & Crop Bulletin

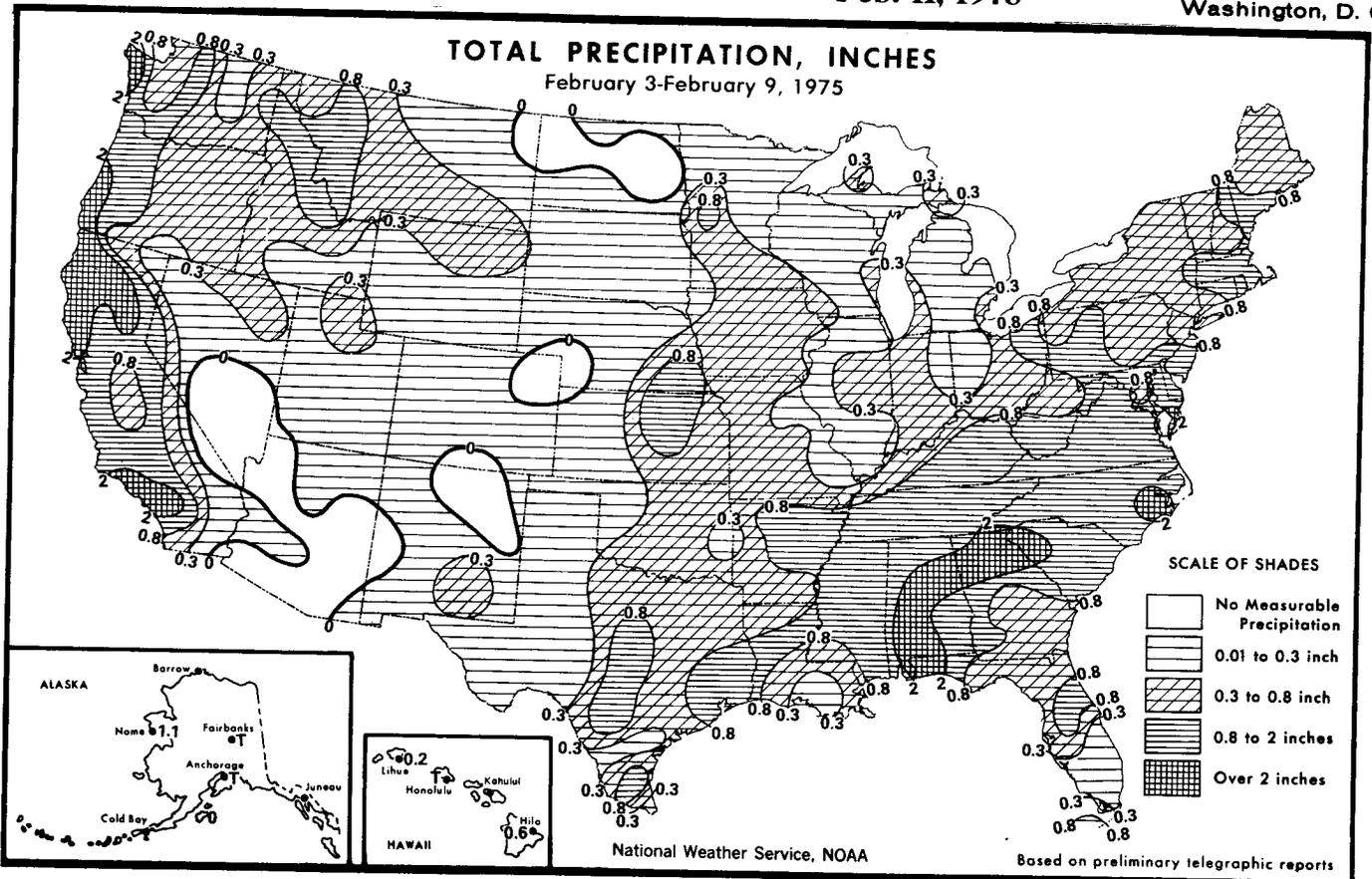
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NATIONAL WEATHER SUMMARY

For the Week of February 3-9

HIGHLIGHTS: A series of Pacific storm fronts brought wet weather to the Far West last week. The coast of Washington, southern Oregon, a wide spread area in northern California and the southern California pocket were all soaked with more than 2.00 in. of rain. Lesser amounts fell over most of California.

Chilly Polar air gripped most of the Nation from the central Rockies eastward, pushing temperatures well below normal during the week. Only some isolated areas around the Nation's perimeter escaped the invasion of bitter cold air.

PRECIPITATION: Three Polar storm systems produced some precipitation across most of the Nation last week before moving off the Atlantic Coast. Meanwhile, a stationary front lingered along the Gulf Coast causing precipitation throughout the Southeastern States.

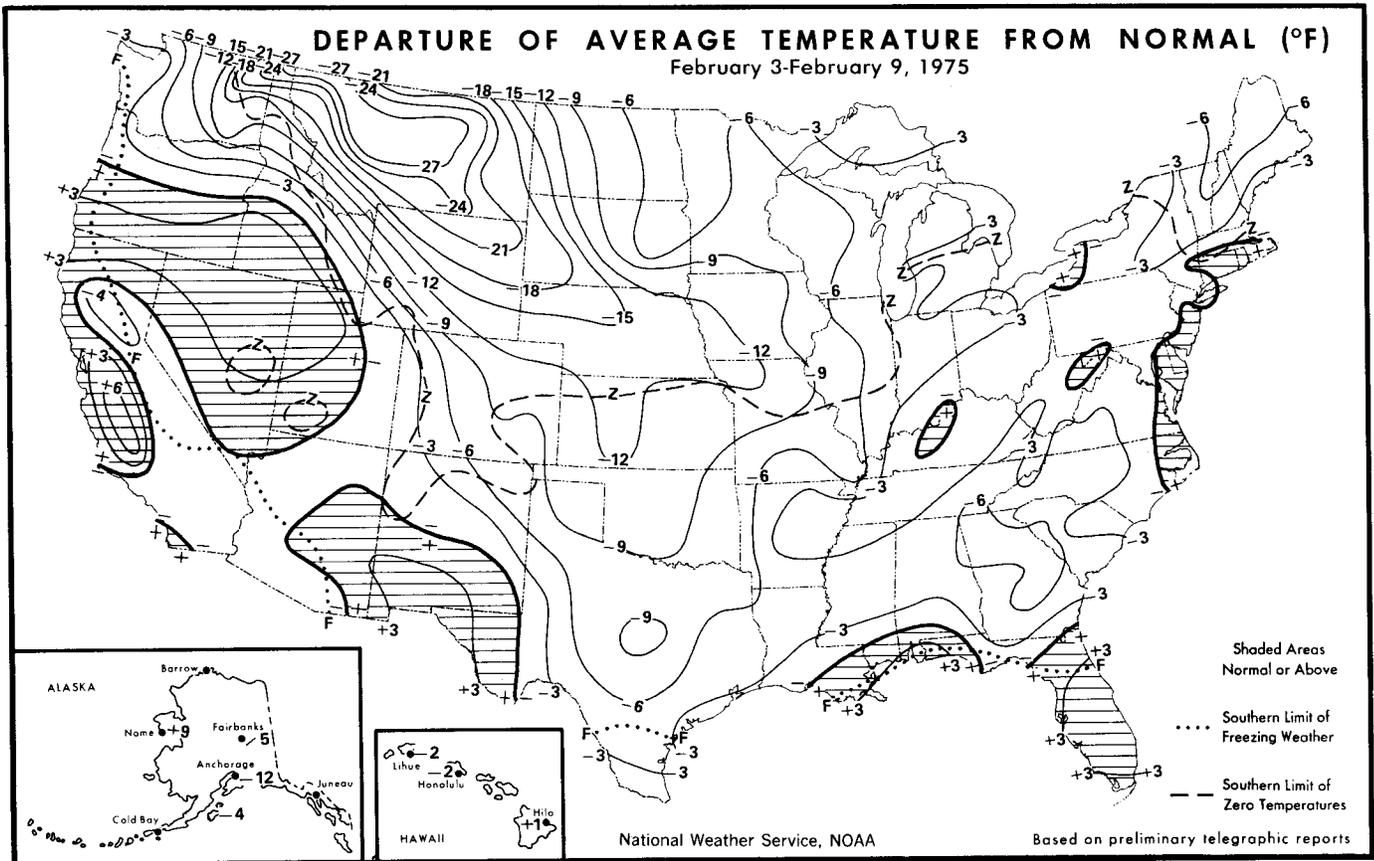
Monday, a Low pressure system centered off the Pacific Northwest Coast triggered rain and

snow across the Pacific Coast States and the Great Basin. Elsewhere, heavy rains soaked the southern half of the Plains through the southern Atlantic Coast.

Rain fell on the heels of a high pressure system extending from upper New York southwestward to Louisiana on Tuesday. Rain also fell from Texas eastward to the Atlantic and northward into Kansas.

Wednesday, a slow-moving storm dumped snow from the northern and central Rockies east through the Central Plains, upper Midwest, northern Plains and upper Great Lakes. Rain, fog and drizzle occurred in the Ohio Valley.

Snow, which had been falling in the northeast quarter of the Nation since Tuesday, gradually diminished on Thursday. Only light snow lingered into the evening from the upper Great Lakes and eastern Ohio Valley to the Appalachians. Elsewhere, a cold front invaded the Pacific northwest causing rain on the coast and snow inland.



Friday, the cold front in western Oregon and northwest California brought rain to the upper half of the Pacific Coast States, changing to snow as it moved over the mountains into the northern Rockies. A new surge of Arctic air brought snow to portions of North Dakota, Montana, Idaho and Wyoming.

The Arctic cold front created a band of snow that stretched from the Texas Panhandle through the Ohio Valley into New York and Pennsylvania on Saturday. Heaviest snowfall occurred in Illinois where 2 in. blanketed both Springfield and Peoria.

Sunday, snow fell around a Low in Pennsylvania and southward from the Lakes through Indiana, Kentucky, Tennessee and all along the storm front to the Texas Coast. In the West, a new frontal system reaching inland from the Pacific triggered rain and some freezing rain along the North Pacific Coast and southern California Coastal areas. Four inches of new snow blanketed both Spokane and Colville, Wash. while 1.00 in. of rain soaked Santa Barbara, Calif.

TEMPERATURE: Bitter cold temperatures plagued most of the Nation last week. For the second consecutive week Montana remained the Nation's coldest spot. Butte, Mont. averaged 29° lower than expected.

Monday, sharply contrasting afternoon temperatures prevailed across the country with extremes ranging from a frigid 11° below zero at Cut Bank, Mont. to 83° at Ft. Meyers, Fla.

Subzero temperatures were reported across the northwestern Plains on Tuesday morning. During the day the unseasonably cold air swept southward into the Plains and the upper Mississippi Valley.

Wednesday, the very cold air plunged further southward through the Plains behind a storm system centered in the Nation's midsection. Early afternoon temperatures remained below zero in portions of the northern Plains and northern Rockies.

Thursday, frigid Arctic air crept southward into the heart of the Nation dropping early morning temperatures to below zero as far south as southern Nebraska and Colorado.

Arctic air blanketed the central United States forcing temperatures well below normal on Friday. Freezing temperatures reached southward to the Gulf Coasts of southeast Texas and southern Louisiana. The cold air dropped temperatures below zero over much of the upper Mississippi Valley. Dubuque, Iowa recorded the coldest reading for the Nation, on Friday, with 14° below zero.

Saturday morning, a pool of bitter cold below zero Arctic air covered the area from the northern Rockies to the western Great Lakes. Montana, North Dakota and Minnesota reported numerous readings colder than 15° below zero.

As far south as Lincoln, Nebr. early Sunday morning readings fell to 22° below zero. Sault Ste. Marie, Mich. reported the coldest reading with 32° below zero.

NATIONAL AGRICULTURAL SUMMARY

For the Week of February 3-9

HIGHLIGHTS: Subnormal temperatures over much of the Nation and heavy precipitation eastern and western areas curtailed most farm activities. Livestock stress increased considerably and necessitated heavier supplemental feeding and care. Fall sown small grain condition decreased in many areas from cool and wet weather. Citrus harvest continues strong. Orange harvest in Florida was at record level while nearly complete in Texas on early and midseason varieties.

SMALL GRAINS: Cold and wet weather over much of the Nation slowed growth and caused some deterioration to small grains. Oklahoma fieldwork was limited to some top dressing of small grains while the ground was frozen. In Georgia, farmers were able to do some top dressing when weather permitted. Arizona small grain planting was mostly complete while warmer weather and rain in Florida and California prompted excellent small grain growth. Snowcover on winter wheat increased in most northern States which helped offset the extreme cold temperatures. Snow protection was good in most areas of Indiana, Montana, and Washington. In South Dakota, snowcover was still light in some areas, and wind erosion caused the most damage to date. Moisture is needed in the western third of Kansas to hold down wind blowing. The condition of wheat was good in the south and eastern areas of the State. Recent moisture in eastern Colorado and Wyoming will help temporarily, but fields were still dry and vulnerable to wind damage. Cold weather stopped growth in much of Texas where farmers continued to move livestock from fields in anticipation of a grain crop.

OTHER CROPS: The Texas cotton harvest continues to drag as cold and wet weather limited activity. Cotton cleanup in Arizona also continues.

Snow and cold limited progress in completing of corn and soybean harvests in Indiana.

Tobacco bed seeding was underway in Virginia, while in the Pee Dee area of South Carolina, seeding was virtually complete. Preventing water damage to seedbeds was a major problem in the Pee Dee area. Tobacco plant beds were in good condition in Georgia and Florida. The fire-cured market closed in Virginia on February 6th and the only burley market open in Kentucky was in Lexington.

Sugarcane harvesting moved at a strong pace in Florida and continued warm weather was beneficial to new cane growth. Some sugarbeet replanting was required in California because of earlier freezes. Sugarbeet growth maintained good progress in Arizona. Sorghum planting was underway in the Texas, lower Rio Grande Valley and Coastal Bend areas.

Rain and cold weather hampered field preparations in many States. However, plowing, fertilizing and liming continued where possible. Some progress was made in southern Alabama and New Mexico, but was well along in southern Texas and increasing in Florida.

FRUITS AND NUTS: Citrus trees were in generally good condition in Florida, but continued warm weather was causing more trees to show an abundant amount of bloom buds to open bloom and much new

growth. More rain is needed, especially in southern counties to help replenish soil moisture supplies. Orange harvest was at a record level, but grapefruit harvest was slow.

In California, the citrus harvest continues. The Desert tangerine harvest is complete. Frost damaged Navels were showing up in packing houses. Rains prompted sizing and growth on lemons, avocados, plums, and apricots. Almonds were budding in some areas and Desert peaches were breaking dormancy.

The citrus harvest in Texas was hampered by rain, but good progress was shown. Early and midseason orange harvest was nearly complete. Valencia harvest was well along. Peach trees were blooming in Dimmitt County and other southern areas.

Rains delayed Peach tree pruning in South Carolina. Orchard pruning was well advanced in Oregon, while in Washington, cold weather slowed tree fruit bud development but helped to maintain trees in winter hardiness.

VEGETABLES: Major carrot and lettuce harvests continued in the Texas lower Rio Grande Valley and light harvests of cauliflower, greens, beets, broccoli, and celery were underway. The first spring season dry onions were shipped on the 3d, but the general harvest is still several weeks away. Carrots, cabbage, mustard, collards, turnips, beets, and green onions were also being harvested in other areas of Texas on a moderate scale. Planting was underway for Irish potatoes, cabbage, mustard, and melons while rain delayed seedbed preparation in other areas.

Artichoke cullage was high in California, as a result of frost. Asparagus, broccoli, cauliflower, carrots, celery, lettuce and strawberry harvests continue in a light to moderate volume.

In Florida, shower activity occurred over most vegetable areas, but amounts were insufficient to relieve dry conditions in the South. Vegetable harvest was active and volume was holding at seasonal levels. Cabbage supplies were steady and increased supplies of snap beans, celery, radishes were available. Sweet corn and tomatoe supplies were off.

Harvest of lettuce, broccoli, cabbage was active in Arizona, while land preparations and planting of cantaloup were underway. Some winter vegetables were being harvested between showers in coastal areas of South Carolina.

PASTURES AND LIVESTOCK: Subnormal temperatures over much of the Nation caused additional stress on livestock and the need for supplemental feeding increased. Wet conditions, overstocking, and overgrazing also added to the decline in pasture and range feed in several southern States. Rain and warm weather in most areas of California helped to improve range and pasture conditions, but rain and snow in northern areas increased the death losses of new born calves and lambs. In Texas, moving livestock from wheat fields continued while sheep and goat shearing started in the Edwards Plateau areas. Calving and lambing was underway in several more States.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Feb. 9, 1975

States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure		Average	Departure	Total	Departure		Average	Departure	Total	Departure
ALA. Birmingham . . .	42	- 4	2.3	+1.1	La. Baton Rouge . . .	53	0	.3	-.9	Youngstown . . .	24	- 2	.7	+ .1
Mobile . . .	56	+ 3	1.2	+ .1	Lake Charles . . .	51	- 3	.6	-.5	OKLA. Okla. City . . .	30	-10	.4	+ .1
Montgomery . . .	46	- 3	1.4	+ .4	New Orleans . . .	56	+ 2	.4	-.7	Tulsa . . .	31	- 9	.6	+ .2
ALASKA. Anchorage . . .	4	-12	T	-.2	Shreveport . . .	43	- 6	.6	-.3	OREG. Astoria . . .	41	- 2	1.4	-.7
Barrow . . .	-11	- 5	T	-.1	MAINE. Caribou . . .	4	- 7	.4	-.1	Burns . . .	30	+ 1	.4	+ .1
Fairbanks . . .	27	- 4	0	-1.3	Portland . . .	20	- 1	.8	0	Medford . . .	43	+ 3	.4	-.2
Juneau . . .	15	+ 9	1.1	+ .9	MD. Baltimore . . .	34	0	.9	+ .2	Pendleton . . .	30	- 7	.4	+ .1
Kodiak . . .	25	- 2	.3	-.1	MASS. Boston . . .	27	- 2	1.3	+ .5	Portland . . .	36	- 5	.8	-.3
Nome . . .	17	+ 1	T	-.1	Chatham . . .	29	- 1	1.1	---	Salem . . .	40	- 2	1.4	+ .1
ARIZ. Flagstaff . . .	28	+ 2	.3	-.1	MICH. Alpena . . .	12	- 5	T	-.4	PA. Allentown . . .	27	- 1	.7	0
Phoenix . . .	55	+ 1	T	-.1	Detroit . . .	22	- 3	.4	0	Erie . . .	24	0	.7	+ .2
Tucson . . .	51	- 2	0	-.2	Flint . . .	21	- 1	.1	-.3	Harrisburg . . .	27	- 4	.7	+ .1
Winslow . . .	38	+ 1	T	-.1	Grand Rapids . . .	19	- 4	.2	-.2	Philadelphia . . .	31	- 2	.8	+ .2
Yuma . . .	57	- 1	T	-.1	Houghton Lake . . .	13	- 4	1	-.2	Pittsburgh . . .	27	- 1	1.0	+ .4
ARK. Fort Smith . . .	35	- 7	.2	-.5	Lansing . . .	20	- 3	.3	-.1	Scranton . . .	26	0	.4	-.1
Little Rock . . .	39	- 2	1.0	-.1	Marquette . . .	15	- 3	1	-.3	R. I. Providence . . .	29	+ 1	1.0	+ .2
CALIF. Bakersfield . . .	57	+ 6	1.0	+ .7	Muskegon . . .	22	- 1	.4	-.1	S. C. Charleston . . .	45	- 4	1.0	+ .3
Eureka . . .	51	+ 3	2.4	+1.0	S. Ste. Marie . . .	10	- 4	.4	0	Columbia . . .	44	- 2	2.0	+1.2
Fresno . . .	53	+ 4	.4	-.1	MINN. Duluth . . .	4	- 6	1	-.1	Greenville . . .	39	- 4	1.8	+ .7
Los Angeles . . .	56	- 2	2.7	+2.0	Internatl Falls . . .	- 2	- 6	1	-.1	S. D. Aberdeen . . .	6	- 6	.1	0
Red Bluff . . .	45	+ 4	2.4	+1.5	Minneapolis . . .	8	- 6	.3	+ .1	Huron . . .	10	- 5	T	-.1
San Diego . . .	58	+ 2	.7	+ .3	Rochester . . .	7	- 8	.4	+ .3	Rapid City . . .	5	-19	.1	0
San Francisco . . .	52	+ 2	2.0	+1.2	St. Cloud . . .	5	- 6	.2	0	Sioux Falls . . .	7	-10	.1	-.1
Stockton . . .	51	+ 3	.9	+ .3	MISS. Jackson . . .	46	- 3	1.1	0	TENN. Chattanooga . . .	36	- 6	1.4	+ .1
COLO. Denver . . .	23	- 9	.1	0	Meridian . . .	45	- 4	1.1	0	Knoxville . . .	38	- 4	1.5	+ .3
Grand Junction . . .	29	- 2	.1	0	MO. Columbia . . .	22	-10	.3	-.1	Memphis . . .	40	- 2	1.7	+ .5
Pueblo . . .	24	- 9	.1	0	Kansas City . . .	20	-11	.3	0	Nashville . . .	39	- 1	1.5	+ .4
CONN. Bridgeport . . .	30	0	.5	-.1	St. Louis . . .	25	- 8	.2	-.3	TEX. Abilene . . .	38	- 8	.4	+ .1
Hartford . . .	25	0	.8	0	Springfield . . .	29	- 6	.3	-.2	Amarillo . . .	28	-10	.2	+ .1
D. C. Washington . . .	35	- 1	.6	0	MONT. Billings . . .	3	-23	.5	+ .4	Austin . . .	45	- 7	.8	0
FLA. Apalachicola . . .	55	0	.6	-.3	Glasgow . . .	- 2	-26	.2	+ .1	Beaumont . . .	50	- 4	.8	-.3
Daytona Beach . . .	63	+ 4	1.4	+ .7	Great Falls . . .	- 2	- 27	.4	+ .2	Brownsville . . .	60	- 2	.1	-.3
Ft. Myers . . .	68	+ 4	.1	-.3	Havre . . .	- 6	-21	.2	+ .1	Corpus Christi . . .	54	- 4	.4	-.1
Jacksonville . . .	56	+ 1	.6	-.3	Helena . . .	- 6	-29	.5	+ .4	Del Rio . . .	50	- 4	.3	0
Key West . . .	73	+ 2	1.5	+1.0	Kalispell . . .	2	-21	.8	+ .5	El Paso . . .	50	+ 3	.2	+ .1
Lakeland . . .	65	+ 4	1.0	+ .4	Miles City . . .	0	-19	.2	+ .1	Fort Worth . . .	40	- 7	.4	-.2
Miami . . .	70	+ 3	.1	-.4	Missoula . . .	8	-17	1.2	+1.0	Galveston . . .	53	- 2	1.5	+ .8
Orlando . . .	66	+ 5	.3	-.4	NEBR. Grand Island . . .	13	-13	.2	0	Houston . . .	49	- 5	1.0	+ .2
Tallahassee . . .	51	- 3	.6	-.5	Lincoln . . .	11	-15	.9	+ .7	Lubbock . . .	36	- 5	.2	+ .1
Tampa . . .	64	+ 3	.7	+ .1	Norfolk . . .	10	-12	.3	+ .1	Midland . . .	44	- 2	T	-.1
W. Palm Beach . . .	70	+ 4	.2	-.4	N. Platte . . .	15	-12	T	-.1	San Angelo . . .	42	- 7	.1	-.1
GA. Atlanta . . .	37	- 7	3.3	+2.2	Omaha . . .	10	-13	.7	+ .5	San Antonio . . .	47	- 6	1.5	+1.0
Augusta . . .	40	- 7	1.3	+ .4	Valentine . . .	7	-16	.2	+ .1	Victoria . . .	52	- 3	.5	-.3
Macon . . .	44	- 5	.4	-.6	NEV. Ely . . .	29	+ 3	.2	+ .1	Waco . . .	40	- 9	.5	-.1
Savannah . . .	47	- 4	.6	0	Las Vegas . . .	48	0	T	-.1	Wichita Falls . . .	36	- 8	.5	+ .2
HAWAII. Hilo . . .	72	+ 1	.6	-2.3	Reno . . .	35	- 1	.9	+ .7	UTAH. Blanding . . .	29	- 2	.3	+ .1
Honolulu . . .	70	- 2	T	-.7	Winnemucca . . .	38	+ 5	.3	+ .1	Salt Lake City . . .	36	+ 4	.4	+ .1
Kahului . . .	---	---	---	---	N. H. Concord . . .	17	- 4	.7	+ .1	VT. Burlington . . .	14	- 3	.7	+ .3
Lihue . . .	69	- 2	.2	-.9	N. J. Atlantic City . . .	33	0	1.0	+ .2	VA. Lynchburg . . .	33	- 4	1.1	+ .5
IDAHO. Boise . . .	37	+ 4	.4	+ .1	Trenton . . .	33	+ 1	.6	0	Norfolk . . .	42	+ 2	1.1	+ .3
Lewiston . . .	27	- 9	.5	+ .3	N. MEX. Albuquerque . . .	37	- 1	.1	0	Richmond . . .	36	- 2	1.1	+ .4
Pocatello . . .	27	0	.3	+ .1	Roswell . . .	40	- 1	.3	+ .2	Roanoke . . .	34	- 3	1.1	+ .4
ILL. Cairo . . .	30	- 8	.2	-.7	N. Y. Albany . . .	17	- 5	1.1	+ .6	WASH. Colville . . .	7	-21	.5	+ .1
Chicago . . .	21	- 5	.3	-.1	Binghamton . . .	18	- 4	.6	0	Omak . . .	17	-10	.1	-.2
Moline . . .	18	- 6	.2	-.1	Buffalo . . .	24	+ 1	.6	0	Quillayute . . .	39	- 2	3.1	0
Peoria . . .	18	- 8	.5	+ .1	New York . . .	31	- 1	.4	-.3	Seattle-Tacoma . . .	40	- 1	.7	-.4
Rockford . . .	16	- 6	.2	-.1	Rochester . . .	22	- 2	.6	0	Spokane . . .	16	-14	1.3	+ .8
Springfield . . .	22	- 7	.3	-.1	Syracuse . . .	21	- 2	.4	-.3	Walla Walla . . .	26	-12	.4	0
IND. Evansville . . .	32	- 2	.3	-.5	N. C. Asheville . . .	35	- 3	1.3	+ .5	Yakima . . .	26	- 7	.6	+ .4
Ft. Wayne . . .	22	- 4	.3	-.2	Charlotte . . .	38	- 5	1.6	+ .7	W. Va. Beckley . . .	29	- 3	1.6	+ .8
Indianapolis . . .	25	- 4	.5	-.1	Greensboro . . .	36	- 4	1.6	+ .8	Charleston . . .	32	- 3	1.0	+ .2
South Bend . . .	22	- 3	.6	+ .1	Hatteras . . .	47	+ 2	.8	.3	Huntington . . .	33	- 2	.8	+ .1
IOWA. Burlington . . .	17	- 8	.2	-.1	Raleigh . . .	37	- 4	1.2	+ .4	Parkersburg . . .	31	- 2	.7	0
Des Moines . . .	12	-10	.5	+ .3	Wilmington . . .	46	- 1	1.6	+ .8	WIS. Green Bay . . .	11	- 5	.3	+ .1
Dubuque . . .	12	- 8	.5	+ .2	N. DAK. Bismarck . . .	2	- 9	T	-.1	La Crosse . . .	10	- 8	.3	+ .1
Sioux City . . .	9	-12	.3	+ .1	Fargo . . .	4	- 4	T	-.1	Madison . . .	15	- 3	.2	0
KANS. Concordia . . .	20	-10	.9	+ .7	Williston . . .	- 2	-14	T	-.1	Milwaukee . . .	17	- 4	.4	+ .1
Dodge City . . .	22	-12	.2	+ .1	OHIO. Akron-Canton . . .	25	- 1	.9	+ .4	WYO. Casper . . .	9	-17	.1	0
Goodland . . .	21	- 9	T	-.1	Cincinnati . . .	31	- 1	.5	-.2	Cheyenne . . .	15	-13	.1	0
Topeka . . .	21	-10	.6	+ .4	Cleveland . . .	24	- 3	1.0	+ .4	Lander . . .	13	-11	.1	0
Wichita . . .	24	-11	.8	+ .6	Columbus . . .	27	- 2	.4	-.2	Sheridan . . .	0	-24	.4	+ .2
KY. Lexington . . .	33	- 1	1.2	+ .4	Dayton . . .	27	- 2	.3	-.3	P. R. San Juan . . .	76	+ 1	T	-.7
Louisville . . .	34	0	.7	-.1	Toledo . . .	22	- 4	.3	-.1					

Based on 1941-70 Normals

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.

ALABAMA: Cloudy with frequent periods of rain through week. Heaviest rains 4th exceeded 1.00 in. many sections. Snow flurries over north on 6th were followed by cold weather the remainder of week.

Minimal amounts of sunshine reduced surface drying considerably. Wet weather curtails fieldwork. Farmers making spring plans, soil tests. Limited amount land preparation extreme south. Soil moisture adequate to surplus. Cool wet conditions slowed small grain growth. Vegetable farmers applying for pimiento pepper contracts. Pastures short, hay becoming short, livestock fair. Marketings below previous week and year.

ARIZONA: Light precipitation widespread on 3d except southeast. Dry midweek, light spotty precipitation 9th. Temperatures near normal.

Small grain planting mostly complete. Safflower, sugarbeets good progress. Cotton clean-up not complete. Lettuce, broccoli, cabbage harvest active. Lettuce, carrots, cabbage, broccoli for later harvest normal. Land preparations, planting, irrigating cantaloups continue. Harvest lemons, Navel and sweet oranges, grapefruit, Yuma. Navel orange harvest about complete. Harvest sweet oranges, tangelos, mandarins Maricopa County. Ranges fair, water supplies generally adequate. Cattle, sheep good condition. Supplemental feeding necessary.

ARKANSAS: Sharply colder midweek, continued cold thru weekend. Average temperatures 3 to 8° below normal. Highest temperature 59°, lowest 3°. Precipitation first half of week 0.40 in. to 2.80 in.

Cold temperatures discouraged most outside activity except essential chores. Very little forage obtained from pasture. Cattlemen feeding hay and concentrates. No land preparation accomplished.

CALIFORNIA: North central precipitation throughout week, heavier amounts ranging to over 8.00 in. Sierra Nevada, over 5.00 in. coastal. Southern precipitation until midweek, over 2.00 in. along coastal. Very light amounts southeast interior. Average weekly temperatures ranged from several degrees below normal most mountain areas to slightly above in San Joaquin Valley, near to slightly below normal other areas.

Warmer weather, rain beneficial small grains. Some replanting sugarbeets due earlier freezes. Fieldwork halted rain most areas. Welcomed rains, wet conditions slowed pruning, dormant spraying orchards, vineyards. Grape pruning, spraying nearing completion, weed control applications made where necessary. Citrus harvest continues. Desert tangerine harvest complete. Frost damaged navels showing up in packinghouses, Central Valley. Rain benefitted sizing, growth lemons, avocados, plums, apricots. Almonds budding bloom some areas. Desert peaches breaking dormancy. Artichoke culmage high, result earlier frosts. Asparagus increasing Desert. Broccoli, cauliflower good volume, Santa Maria. Carrots continue San

Joaquin Desert. Celery continues south coast, movement expected increase Oxnard. Lettuce lighter Imperial. Potato continues Kern. Strawberry increasing Vista, Orange County. Rain improved range pasture conditions most areas. Rain, snow increased death new born calves, lambs. Reservoirs fill stock watering. Supplemental feed seasonal high, Central Valley. Feedlots, dairy holding areas muddy. Livestock overwintering well. Egg production normal.

COLORADO: Large variation temperatures east, little change west. Light snow 4th, 5th and 7th, daily precipitation trace to 0.10 in., lower elevations, snow amounts trace to 4 in. Arctic front crossed east on 5th and 7th, highs ranging 8° to 20's, lows 2° above to 11° below zero. Weekly mean temperatures near and above normal west, below normal east.

Passage cold air stressed livestock but temperatures warmed quickly. Limited moisture eastern plains help temporarily but major problems persist. Supplemental feeding livestock necessary all areas.

FLORIDA: Temperatures unseasonably warm early in period with little or no rainfall. A cold front which moved through at mid-period brought widespread shower activity. Cooler temperatures, rainfall generally moderate but not as heavy in the south.

Soil moisture mostly adequate west and north, some localities central, south remain short. Land preparation for field crops increasing. Tobacco plant beds good condition, planting of seed beds complete. Small grains excellent growth. Sugarcane harvest active. Young cane good growth. Pastures generally fair statewide with many counties receiving additional moisture. Continued above average temperatures helped offset stress of overgrazing, under-fertilization. Most cattle, calves being maintained in fair condition. Citrus generally good condition. Warm weather causing trees to show abundant bloom buds to open bloom and much new growth. More rain needed, especially in southern counties. Orange harvest at record level, grapefruit slow. Temperatures above normal early in week, near normal week's end. Shower activity over most vegetable areas, amounts insufficient to relieve dry conditions south. Vegetable harvest active, volume holding at seasonal levels. Cabbage volume leader, supplies steady. Supplies snap beans, celery, potatoes, radishes, sweet corn and tomatoes down, all others mostly steady.

GEORGIA: Temperatures averaged 2 to 5° above normal, except 1° below normal east central. Precipitation 1.00 in. to 2.00 in., north to 0.50 in. central and south.

Soil moisture adequate to excessive. Cold, wet weather limited activity. Land preparation continued where possible. Condition small grains good, some top dressing done. Pasture poor to good, overgrazed in north. Hay short some areas. Cattle fair to good condition. Tobacco plants condition good.

HAWAII: Rainfall light, mostly first half of week.

Storm battered crops making gradual recovery. Leafy crops, trimming necessary. New plantings fair to good progress. Vegetable supplies light, bananas supplies adequate. Pastures all Islands good condition. Pineapple harvesting light. Sugarcane operations continue slack.

IDAHO: Precipitation above normal north and below normal south. The major exceptions was in Magic Valley, where Jerome and Twin Falls received about a half inch. Heaviest precipitation was reported in the north with 1.53 in. at Mullen and 0.98 in. at Lewiston. Average temperatures were above normal south and below north with extremes ranging from highs of 50° at Kuna, Mountain Home, and Buhl to a low of 12° below zero at Salmon.

Farm activities limited by storms. Machinery repair and care of livestock more important activity. Calving and lambing active all areas. Feedlots and corrals becoming muddy, placing stress on livestock, however remain in good condition. Potato marketings remain slow because of poor market conditions.

ILLINOIS: Temperatures 2 to 8° below normal. Lows on 5th; below 0° north, in teens south. Precipitation over 0.50 in. Snowfall 5 in. northwest, 1 to 2 in. elsewhere.

INDIANA: Cold, sunny week. Temperatures declined to minus 19° at Farmland and minus 15° at Lafayette on 10th. Snowcover from trace south to 6 in. near Lake Michigan. Slippery roads hindered travel and caused fatalities. Soils frozen to 20 in., extreme north. Daily low temperatures averaged 14° north to 24° south.

Overwintering crops protected from low temperatures by snow cover. While soils firm enough for equipment, snow and cold limited progress in completing corn and soybean harvest. Snow removal and chores major activities.

IOWA: Temperatures 8° below normal east to 14° below normal west. Mild temperatures 2d through 4th with cold arctic air 5th through 9th. Night of 8th coldest of winter, Atlantic -35°. Precipitation above normal except extreme northwest and southeast. Snow 1 to 3 in. on 5th scattered 1 in. on 8th.

KANSAS: Temperatures 6° below normal central and southeast to 9° below normal southwest. Precipitation very light west, up to 1.00 in. central and 0.50 in., east.

Wheat condition unchanged. Moisture needed in western third, some received north central but more needed. Wheat good south central and east. Livestock on stubble fields, a limited amount of wheat pasture. Some supplemental feeding necessary.

KENTUCKY: Mild weather early week, much cooler late in week. Temperatures averaged about normal. Precipitation mostly as rain somewhere in State every day. Totals less than 0.50 in., extremes north and west, over 1.00 in. east and south.

Little farm activity. Fields wet, too soft for equipment. Many cattle still on pasture, but requiring supplemental feeding. Lexington only burley market open.

LOUISIANA: Temperatures near normal southeast, 2 to 3° below central and southwest, 5 to 6° below north. Weather highly variable. Rain first of week and again some areas over weekend.

Some light snow north on 6th Weekly rain light most areas, averaging less than 0.50 in. Temperature extremes 81° at New Orleans 3d and 17° Home 14th. Greatest 1-day rain, 1.24 in., DeRidder 4th. Agriculture activity confined to routine chores and machinery repair.

MARYLAND AND DELAWARE: Temperatures slightly below normal. Highs low 40's to mid 50's, lows mid teens to upper 20's except 9° Garrett County. Precipitation variable 0.31 to 1.72 in. Snow all areas.

Field activity at standstill. Livestock chores and routine maintenance chief activities.

MICHIGAN: Temperatures about normal near the Lakes and 2 to 6° below normal elsewhere. Precipitation, as snow, totaled zero to .70 in., in the Lower Peninsula and eastern Upper Peninsula, to over 1.00 in. in the extreme northwestern Upper Peninsula. Little or no fieldwork was done.

MINNESOTA: Coldest week of winter season with temperatures averaging 5 to 8° below normal. Progressively colder 5th through 9th with low extremes of 35° below north and 25° below south by morning of 9th. Below normal west and north with traces to 2 in. new snow. Above normal southeast quarter with 3 to 5 in. new snow. Snow on ground at week's end: 28 to 36 in. northeast quarter, 18 to 27 in. central through north, and 10 to 17 in. southern and western extremes.

The cold weather limited farm activities to mostly livestock care and management.

MISSISSIPPI: Warm first of week but cooler on last two days. Temperatures ranged from normal north to 10° above normal south. Extremes: 83 and 18°. Most rainfall early in week. Greatest 24-hour rainfall was 2.68 in. at Arcola on 1st.

Soil moisture surplus to excessive north adequate to excessive elsewhere. Days suitable for fieldwork 0.9. Condition of wheat and oats mostly fair. Condition of livestock poor to fair. Hay, roughage, and feed grain supply short to adequate.

MISSOURI: A cold and cloudy week with frequent periods of snow or rain. Total amounts of precipitation are mostly under 0.50 in. Snow depths of 1 to 2 in. covered much of State, but there was little left by weekend. Temperatures averaged as much as 6° below normal.

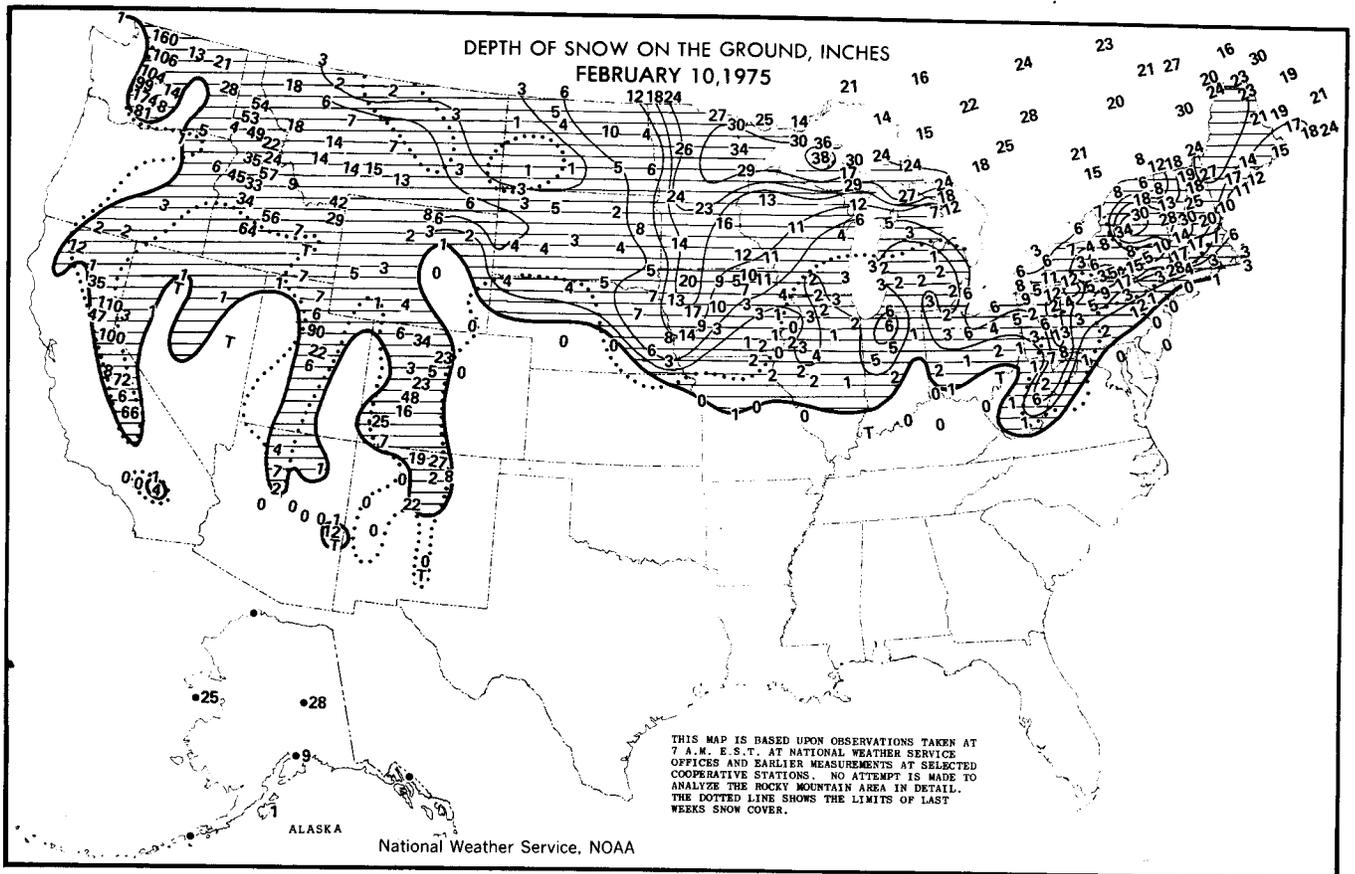
MONTANA: Temperatures averaged 14° below normal west and northeast to 27° below normal central with arctic air dominating most areas. Highest maximums mostly 20s and 30s except teens northeast. Precipitation above normal with heaviest amounts west and south.

Cold weather making livestock care difficult. Hay supplies generally adequate. Livestock condition mostly good. Snow protection on winter wheat now good in most areas.

NEBRASKA: Temperatures ranged low 50's southwest up to 30° below zero north, averaging 12 to 17° below normal. Precipitation 0.75 to 1.00 in. southeast and traces northwest. Mostly snow.

Wheat in west continues poor to fair, little additional moisture. Livestock acquiring considerable hay, feed due severe weather.

NEVADA: Heavy snow west beginning and end of week. Light precipitation east and south. Temperature minimums above normal maximums below normal. Extremes: -8° at Ely, 68° Las Vegas.



Usual winter chores. Livestock wintering well, supplemental feeding necessary most areas.

NEW ENGLAND: Temperatures southern New England normal except 5th and 6th when lows were 5 to 12° above normal. Northern New England lows 10 to 20° below normal until 5th when warming brought temperatures above normal to week's end. A coastal storm on 6th left 6 to 12 in. of snow in southern areas while northern areas received up to 8 in.

NEW JERSEY: Temperatures averaged 3° below normal. Averages 26° north, 30° south and 32° coastal. Extremes: 0° at Long Valley and 48° at Pamona. Precipitation averaged 0.59 in. north, 0.68 in. south and 0.58 in. coastal. Snow of 4 to 5 in. fell over central and northern counties, while 1 to 3 in. fell southern interior counties on 4th and 5th. Light snow fell on 9th with 1 in. at Long Valley.

NEW MEXICO: Light rain and snow 3d, 4th and 5th and token amounts eastern plains over weekend. Precipitation totals 0.25 in. or less generally, but near 0.75 in. at Carrizozo, Hobbs and Chama. Considerable day to day variation in temperatures, averages very near early February normals.

Moisture mostly adequate, short extreme northwest. Small grains fair to good production prospects. Grazing improved due to recent rains. Limited spring ground breaking south, north frozen. Livestock fair to good, calving started. Ranges poor to fair.

NEW YORK: Temperatures averaged near normal. Precipitation moderate most locations. Week was rather cold with 3d and 9th the coldest. Precipitation during midweek with significant snow in

interior lowland areas. New snow averaged from 3 to 6 in. west, 6 to 12 in. east interior with more in mountains, while coastal southeastern generally 3 in. or less. Light snow fell across the State on the 9th. Temperature extremes: 44° New York City on 6th and minus 22° Saranac Lake on 4th.

NORTH CAROLINA: Cold wet week. Daytime temperatures well below normal and precipitation above normal.

Soil moisture surplus to adequate. Less than 1 day fieldwork. Pasture conditions declined. Supplemental feeding hay and feed grains increasing, supplies adequate. Small grains fair to good. Labor surplus. Farmers major concerns; availability and cost of fertilizer, fuel supplies.

NORTH DAKOTA: Temperatures below normal ranging 1° below normal east central to 12° below normal southwest. Extremes: -35° at Fortuna to 32° at Lisbon. Weekend unusually cold. Temperatures falling to -26° at Pembina and -28° at Linton. Precipitation below normal ranging 0.10 in. below normal east central to 0.04 in. above normal southwest. Greatest weekly precipitation 0.25 in. at Lemmon. Snowcover ranged from 1 in. at Bismarck, Williston and Dickinson to 12 in. at Wampeton.

Cold temperatures and some blowing snow caused additional stress to livestock, however, no severe storms. Farmers caring for livestock, purchasing seed, fertilizer and other supplies for spring. Marketings of crops and livestock slow.

OHIO: Temperatures near normal start of week. Highs in upper 40's south to lower 40's north 3d through 5th. Light rain south, light snow north. Week ended with up to 8 in. of new snow

northeast to traces near Ohio River. Very cold air moved into State on 9th with below zero readings over parts of central and north morning of 10th.

A few farmers plowing as fields dried midweek. Cold and heavy snow north end of week forced livestock inside.

OKLAHOMA: Temperatures averaged 2 to 8° below normal. Precipitation averaged about 0.20 in. Panhandle to 2.30 in. southeast. Weekend cold with few traces precipitation.

Fieldwork limited to some top dressing small grains when ground frozen. Topsoil moisture excess in 58% State. Panhandle Counties received light amounts, but beneficial to wheat. Wheat condition mostly good. Farm activity principally care of livestock. Cattle condition down because of cold. Feeding amounts increased.

OREGON: Average temperature dropped nearly 10° below seasonal normal east, 2 to 5° below normal west. Snowcover 1 to 10 in. east. Precipitation west of Cascades varied from 0.60 in. Willamette Valley, to 5.30 in. south coast.

Spraying grain, training berries. Orchard pruning well advanced for this time of year. Filberts in bloom. Heavy livestock feeding, feed supplies adequate. Calving and lambing continuing.

PENNSYLVANIA: Cold rather wet week. Temperatures 2 to 6° below normal. Daily maxima teens to 40's. Overnight minima sub zero to 20's. Extremes: 46 and -20°. Precipitation ranged from 0.40 to 1.10 in. Heaviest precipitation midweek with 2 to 5 in. of snow most areas. Sleet and freezing rain many sections. Snow showers latter part of week mainly north and west mountains. Snow cover on 10th 2 to 6 in. south, to 12 to 18 in. south central mountains and Poconos.

Farmers doing routine winter chores.

PUERTO RICO: Relatively dry and cool week. Rainfall averaged only 0.06 in. Highest weekly total 0.43 in. at Barceloneta. No rainfall over south coastal areas. Temperatures averaged about 73° on coasts and 67° interior with mean temperatures ranging from 77° at San Juan to 59° at Pico Del Esteluzillo. Extremes: 90 and 41°.

Weather favored maturity and harvest of sugarcane. Dry weather good for cultivation of coffee but unfavorable for new plantings. Tobacco planting and harvesting operations continued normal. Pastures drying due lack of rain mostly south coast and southern slopes. Soil preparation, but lack of rain hindering planting operations of food crops. Very dry weather south coastal areas for crop development.

SOUTH CAROLINA: Temperatures averaged from normal to 6° below normal depending on area. Heavy rains, mostly early week. Amounts averaged 1.00 to 2.50 in., heaviest precipitation northwest, lightest extreme south. Some damage to pine timber from ice accumulations. Early in week mountains received 2 in. of snowfall. Low temperatures on 8th ranged from teens in mountains to low 20's central and over 20° near coast.

Rain first of week continued to hamper field activities already behind schedule. Fields too wet for heavy fertilizing applicators. Some winter vegetables being harvested coastal areas between showers. Rains caused delay peach tree pruning operations. Some spraying, clearing brush continues when weather permits. Planting new trees interrupted. Tobacco bed seeding

virtually completed in Pee Dee, prevention water damage a major problem. Increased interest in pickling cucumbers expressed several new areas.

SOUTH DAKOTA: An arctic air mass brought 5 to 16° below normal temperatures. Extremes: 46° Edgemont 3d, -27° Brookings on 8th. Snow falls were quite light.

Snowcover for winter wheat still light in some areas. Most damage to date is being caused by wind erosion. Caring for livestock and preparing tax forms are main farm activities.

TENNESSEE: Rainfall ranged from 1.00 to 2.25 in. or about 0.25 in. above normal. Temperatures averaged 2° below normal.

Ground still too wet for plowing or most other farm activities.

TEXAS: Moderate rainfall east, south early in week. Temperatures dropped to teens on 4th in Panhandle. Cold front on 8th in Panhandle reached Brownsville early on 9th. Precipitation on 4th and 5th with some snow north. Rainfall eastern third 1.00 in. above normal. Central and northwest 0.10 to 0.80 in. above normal, far west below normal. Temperatures 9° below normal central sections, 3° below normal, south, northeast.

Cold weather stopped growth wheat, oats, grazing declined. Some insect, disease problems developing in Low Plains. Livestock moving from wheat and oats in anticipation grain crop. Cotton harvest continues to drag. Seedbed preparations for 1975 crop well along Coastal Bend and Lower Rio Grande Valley. Some sorghum seeded in Lower Rio Grande Valley and Coastal Bend.

Lower Rio Grande Valley carrot and lettuce harvest continued, light harvest of cauliflower, greens, beets, broccoli, celery. First spring season dry onions shipped February 3d. General onion harvest still several weeks away. Coastal Bend: Spinach harvest active, mostly on second cutting. Melons being planted. Early seedings watermelons in four-leaf stage and developing well. Laredo: Late carrots, cabbage showing good growth. Onions, satisfactory progress. San Antonio-Winter Garden: Carrot harvest continuing, some cabbage still being harvested. Potatoes planted and emerged, Frio County. Upper Coast: Irish potatoes, cabbage, mustard planting underway. Cabbage, mustard, collards, turnips being harvested. East: Some land preparation, heavy rains last week will delay field work. North: Onions, potatoes, cabbage being planted. Harvest collards, turnips, beets, green onions. Mustard continued on moderate scale. Trans-Pecos: Seedbed preparation for canteloup active. Onions planted in El Paso County. High Plains. Land preparation and fertilization continues for summer vegetable crops. Peaches blooming in Dimmitt County, other south localities. Citrus harvest hampered some by rains, but good progress shown. Oranges, early and midseason harvest near complete. Valencia harvest well along.

Grazing short in most areas, heavy overstocking. Livestock decline northern and eastern areas. Overgrazing most common. Losses from internal parasites and malnutrition above normal. Ranchers forced to stretch dwindling feed supplies to breaking point. Sheep, goat shearing started in Edwards Plateau.

UTAH: Recurring periods of rain or snow most of State. Accumulated amounts of moisture generally light to moderate, but locally heavy over and near Wasatch Mountains. Average temperatures near to 5° above normal northwest, 2 to 6° below south and east.

Machinery preparation for spring work has started. Early plowing, ditch cleaning, orchard pruning, delayed by continued snow cover or mud. Farm flock lambing has begun. Care and feeding cattle and sheep on winter range lands, on valley farms, and in feed lots, plus dairy herds and poultry flocks continue major activities. Some marketing of potatoes, apples, dry onions from storage continues.

VIRGINIA: Temperatures averaged 2° below normal. Extremes: 60 and 15°. Precipitation above normal as rain, snow. Greatest accumulation of snow west, north.

Fieldwork: 1.2 days favorable. Topsoil moisture 75% surplus, 25% adequate. Too wet for most fieldwork. Few tobacco plantbeds seeded. Fertilizer, lime spreading limited to light soils. Small grains need top-dressing, herbicides when ground is dry. New drainage ditches required for some fields. Fire-cured tobacco market closed on 6th. Farmers attending various local meetings, training schools. Orchardist pruning trees. Seed potato shipments arriving. Snow caused increased cattle feeding. Most feed supplies still adequate. Lambing and calving increasing. Preparation tax reports, farm census continues with general farm chores.

WASHINGTON: West: Average temperatures subnormal. Extremes: 40's, 20's. Precipitation total amounts from 0.50 in. to over 1.00 in. Some local snowfall.

Pruning raspberries and blueberries. Strawberry fields greening up. Tree fruit bud development slowed by cold weather. Harvesting forced rhubarb. Other activities: Repairing machinery, attending meetings. Hay supplies adequate with some being shipped in from eastern Washington. East: Average readings about 4° subnormal. Extremes: 30's, teens. Precipitation mostly snow. Total amounts from 0.30 in. to over 1.00

in. Snow depths from 2 in. central to 25 in. at Spokane.

Snow halted pruning in orchards and most fieldwork. Some grape pruning continued. Cold temperatures maintained trees in winter hardiness. Ample snow to provide good cover in wheat fields and improve soil moisture when thawed. Some growers fear snow mold. Farm activities slow but included shipwork, repairing machinery, attending meetings, bookkeeping. Snow necessitated heavier livestock feeding. Calving and lambing continued.

WEST VIRGINIA: Temperatures averaged near normal. Precipitation near normal and scattered.

Soil moisture surplus adequate. Fieldwork: Suitable 1.3 days. Farm activities limited to feeding and care of livestock. Cattle in good condition.

WISCONSIN: Mild weather prevailed until midweek when temperatures turned sharply colder. Snow fell 4th and 5th, ranging from 2 to 5 in. south and 1 to 2 in. north. High temperatures were in 20's and 30's, lows in teens and 20's until cold arctic air followed snow of 4th and 5th. Night-time temperatures were below zero from the 6th on, and daytime highs failed to reach 10° above on the 9th.

WYOMING: Temperatures generally 3 to 16° below normal cold arctic front invaded. Average low temperatures varied from -6 to -18°. High temperatures in 40's and low 50's. Precipitation varied from trace in Big Horn Drainage to 0.07 in., Lower Platte Drainage. Most stations well below normal.

Snow and cold necessitated heavier feeding, increased care of livestock. Early calving underway some areas. Livestock condition good. Snow helpful to winter wheat, much more needed.

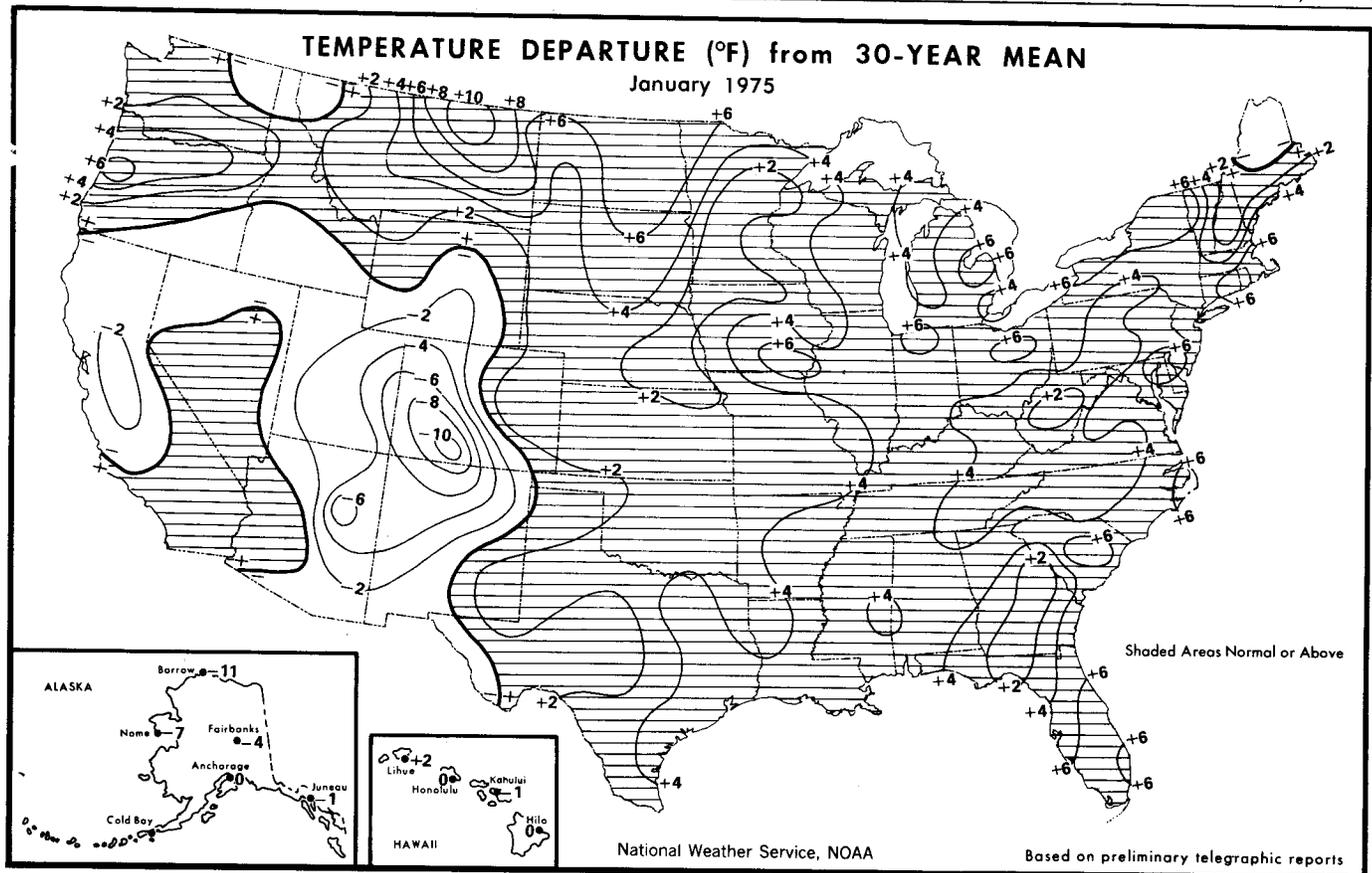
WATER SUPPLY OUTLOOK FOR THE WESTERN UNITED STATES
Issued as of February 1, 1975

The table below shows the runoff forecast in percent of the 15-year (1958-72) average. The forecasts are for the remainder of the water year (October thru September), except for the full water year for the Sacramento and San Joaquin Basins; April 1 to September 30, 1975, for the Missouri, Yellowstone, and North Platte Basins; November 1, 1974 to June 30, 1975 for the Little Colorado Basins; and January 1 to June 30, 1975, for the Gila Basin. The publication "Water Supply Outlook for the Western United States," issued as of February 1, 1975, contains the complete water supply forecasts for about 375 stations in the Western United States.

River	Station	Forecast 1,000 Acre-feet	Percent 15-year average
Columbia	Grand Coulee, WA	71,600	95
Columbia	The Dalles, OR	115,000	96
Snake	Lower Granite, WA	20,700	93
Sacramento	Red Bluff, CA	2,080	85
San Joaquin	Big Creek, CA	900	69
Weber	Gateway, UT	391	109
Jordan	Utah Lake, Ut	400	106
Truckee	L. Tahoe-Farad	185	53
Colorado	L. Powell infl.	9,937	113
Green	Green River, UT	3,700	105
San Juan	Bluff, UT	1,402	119
Little Colo.	Woodruff, AZ	5.1	59
Gila	Solomon, AZ	105	76
Rio Grande	San Marcial, NM	423	94
Arkansas	Pueblo, CO	400	104
Missouri	Ft. Peck, MT	4,390	92
Yellowstone	Sidney, MT	6,860	98
North Platte	Glendo, WY	853	103

1/ Period, 1958-72

Office of Hydrology
National Weather Service



JANUARY WEATHER SUMMARY

HIGHLIGHTS: January temperatures averaged above normal across the Nation except for the western Mountain States, most of California and the northern tip of Maine. The northern Great Plains and areas east of the Mississippi averaged 4 to 6° above the norm, except over the Appalachians.

Precipitation amounts varied from only a trace at Yuma, Ariz. to 13.90 in. at Quillayute, Wash. Amounts were above normal over most of the Country. Notable exceptions were the west central Great Plains, southern Florida, the Desert Southwest, all of California and northern Montana. Well above areas included Georgia, Alabama and Louisiana, most of the Corn Belt except for eastern Iowa, and the northern Great Plains.

PRECIPITATION: The New Year began with moderate rainfall over the Eastern States and Deep South with as totals as great as 0.80 in. Snow blanketed the Great Lakes area with snow.

During the week ending the 12th, heavy rains fell over the Deep South and a major blizzard moved across the northern Plains. Rainfall totaling 5.00 in. or more fell over parts of Louisiana, Mississippi, Alabama and Georgia. Tornadoes ripped through the Southeast on 10th. Forty-one were reported through the central Gulf Coast. The blizzard in the upper Midwest dropped heavy snows driven by 30 to 70 mph winds. Several deaths were attributed to the storm, and hundreds of travelers were left stranded.

Precipitation was generally lighter during the following week, although the remnants of the snow storm of the previous week whitened New England. Other weak storm systems also produced some light precipitation in the Northwest and Northeast. Over the weekend of the 18th, a winter storm moved out of the Rockies and spread precipitation over most

of the Eastern United States.

A powerful winter storm packed heavy snows around the Great Lakes during the week ending the 26th, as upper Michigan was covered with over 40 in. of snow. As much as 2 feet of new snow fell in Minnesota. Heavy thundershower activity on the 24th and 25th dropped as much as 2.00 in. of rain over the Southeast.

The month ended with heavy rains along a stationary front across the Nation's midsection. Heavy rain fell along the front with totals ranging from 1.00 to 3.00 in. over sections of Texas, Oklahoma, Kansas, Missouri and Arkansas.

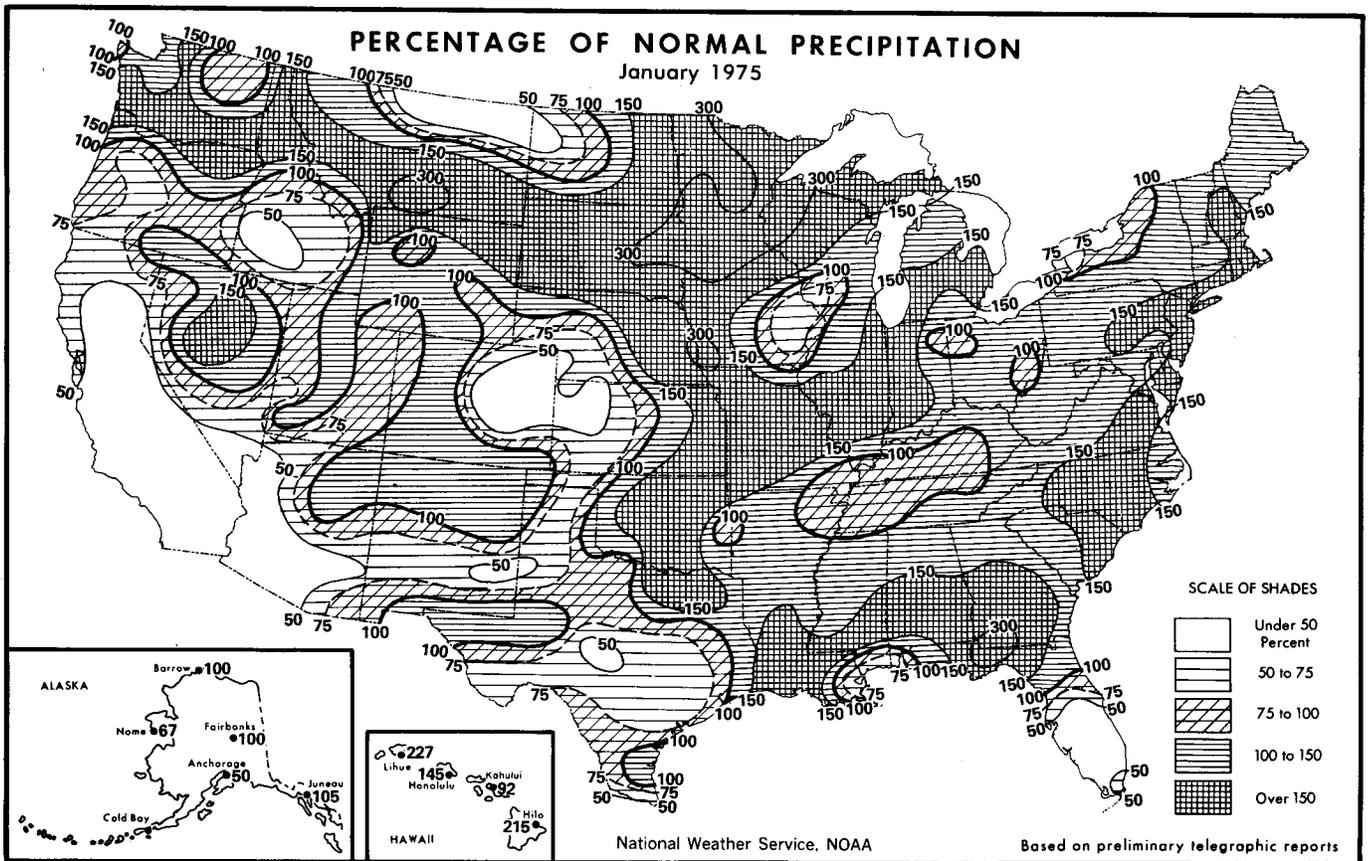
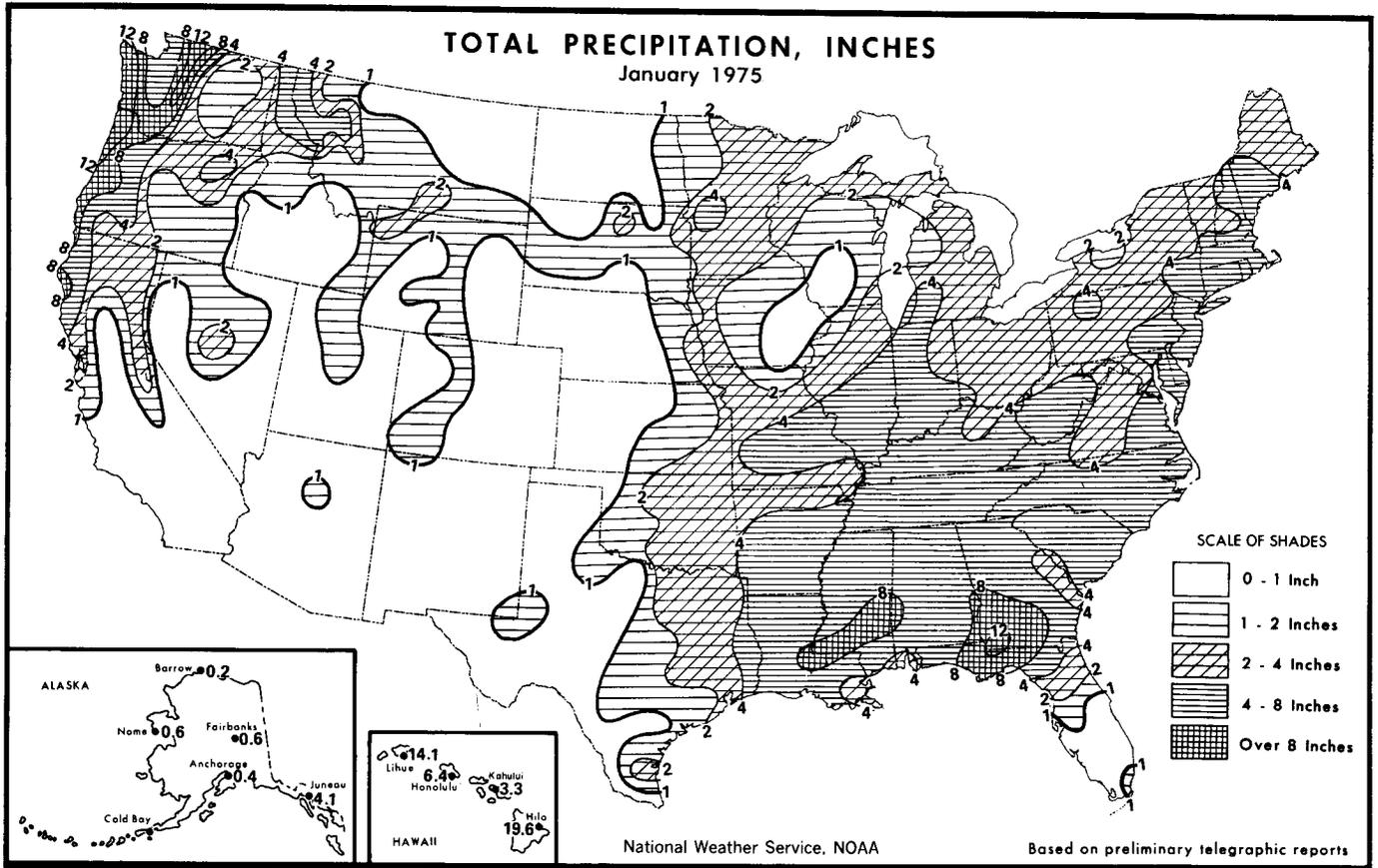
TEMPERATURE: Temperatures averaged well above normal during the opening week of January over the eastern half of the Nation. Only the Southwestern quadrant averaged below normal.

The week ending the 12th was quite similar in temperature distributions. Most of the Northeast averaged 6 to 15° above normal. Record highs were set in many Midwestern cities on the 10th and 11th, despite the blizzard howling to the west.

The distribution of temperature departures reversed during the week of the 19th. The western States were well above normal, while the eastern States cooled markedly. Parts of Montana were as much as 18° above normal. In the South, only the Galveston, Corpus Christi, Texas corridor and southern Florida escaped freezing temperatures.

The entire Nation averaged above normal during the week ending the 26th, although cold air invaded the Nation briefly at midweek.

The month ended with the eastern States again well above normal and extremely cold temperatures in the western States.



Temperature and Precipitation Data for January 1975

States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure		Average	Departure	Total	Departure		Average	Departure	Total	Departure
ALA.Birmingham . . .	49	+ 5	7.2	+ 2.4	La.Baton Rouge . . .	56	+ 5	8.8	+ 4.4	Youngstown . . .	30	+ 4	3.1	+ .2
ALA.Mobile . . .	57	+ 6	3.4	- 1.3	Lake Charles . . .	57	+ 5	6.1	+ 2.1	OKLA.Okla. City . . .	40	+ 3	2.0	+ .9
ALA.Montgomery . . .	53	+ 5	6.8	+ 2.8	New Orleans . . .	57	+ 4	3.0	- 1.5	Tulsa . . .	40	+ 3	2.6	+ 1.2
ALASKA.Anchorage . . .	12	0	.4	- .4	Shreveport . . .	50	+ 3	4.6	+ .6	OREG.Astoria . . .	43	+ 2	15.2	+ 5.5
Barrow . . .	26	-11	.2	0	MAINE.Caribou . . .	10	- 1	2.7	+ .7	Burns . . .	25	0	1.5	- .3
Fairbanks . . .	16	- 4	.6	0	Portland . . .	27	+ 5	4.4	+ 1.0	Medford . . .	37	0	2.6	- .9
Juneau . . .	23	- 1	4.1	+ .2	MD.Baltimore . . .	39	+ 6	3.5	+ .6	Pendleton . . .	37	+ 5	3.5	+ 1.9
Kodiak . . .	- 1	- 7	.6	- .3	MASS.Boston . . .	35	+ 6	5.7	+ 2.0	Portland . . .	42	+ 4	8.4	+ 2.5
Nome . . .	- 1	- 7	.6	- .3	Chatham . . .	36	- 1	6.5	- .1	Salem . . .	43	+ 4	5.0	- 1.9
ARIZ.Flagstaff . . .	28	0	1.8	- .1	MICH.Alpena . . .	23	+ 5	2.1	+ 1.4	PA.Allentown . . .	32	+ 4	5.2	+ 2.2
Phoenix . . .	52	+ 1	T	- .7	Detroit . . .	28	+ 3	2.9	+ 1.0	Erie . . .	30	+ 4	3.0	+ .5
Tucson . . .	50	- 1	.4	- .4	Flint . . .	28	+ 6	2.9	+ 1.2	Harrisburg . . .	33	+ 3	4.1	+ 1.5
Winslow . . .	26	- 7	.4	0	Grand Rapids . . .	25	+ 2	4.4	+ 2.5	Philadelphia . . .	37	+ 5	4.0	+ 1.2
Yuma . . .	55	0	T	- .4	Houghton Lake . . .	22	+ 5	2.0	+ .5	Pittsburgh . . .	33	+ 5	3.3	+ .5
ARK.Fort Smith . . .	42	+ 3	2.3	- .1	Lansing . . .	27	+ 4	2.8	+ .9	Scranton . . .	32	+ 5	2.8	+ .7
Little Rock . . .	45	+ 5	4.6	+ .4	Marquette . . .	23	+ 5	2.9	+ 1.4	R.I.Providence . . .	34	+ 6	6.8	+ 3.3
CALIF.Bakersfield . . .	47	- 1	.1	- .9	Muskegon . . .	28	+ 4	3.6	+ 1.3	S.C.Charleston . . .	54	+ 5	4.9	+ 2.0
Eureka . . .	46	- 1	5.2	- 2.2	S. Ste. Marie . . .	16	+ 2	3.3	+ 1.4	Columbia . . .	52	+ 7	4.3	+ .9
Fresno . . .	43	- 2	.7	- 1.1	MINN.Duluth . . .	10	+ 1	3.7	+ 2.5	Greenville . . .	46	+ 4	5.4	+ 1.3
Los Angeles . . .	58	+ 1	.1	- 2.9	Internatl Falls . . .	6	+ 4	3.0	+ 2.1	S.D.Aberdeen . . .	17	+ 7	.8	+ .3
Red Bluff . . .	44	- 1	1.8	- 2.7	Minneapolis . . .	15	+ 3	2.8	+ 2.1	Huron . . .	17	+ 4	1.9	+ 1.5
San Diego . . .	56	+ 1	.5	- 1.4	Rochester . . .	15	+ 2	1.9	+ 1.2	Rapid City . . .	24	+ 2	1.1	+ .6
San Francisco . . .	47	- 1	2.6	- 1.8	St. Cloud . . .	10	+ 1	2.4	+ 1.6	Sioux Falls . . .	17	+ 3	1.4	+ .8
Stockton . . .	42	- 3	.9	- 2.0	MISS.Jackson . . .	52	+ 5	4.6	+ .1	TENN.Chattanooga . . .	43	+ 3	5.6	+ .2
COLO.Denver . . .	32	+ 2	.2	- .4	Meridian . . .	50	+ 3	8.4	+ 4.1	Knoxville . . .	43	+ 2	4.7	- .0
Grand Junction . . .	20	- 7	.5	- .1	MO.Columbia . . .	31	+ 2	3.4	+ 1.7	Memphis . . .	46	+ 5	4.7	- .2
Pueblo . . .	32	+ 2	.1	- .2	Kansas City . . .	30	+ 2	2.1	+ .8	Nashville . . .	43	+ 5	4.7	- .1
CONN.Bridgeport . . .	35	+ 5	4.7	+ 2.0	St. Louis . . .	33	+ 2	5.4	+ 3.5	TEX.Abilene . . .	45	+ 1	.8	- .2
Hartford . . .	31	+ 6	4.3	+ 1.0	Springfield . . .	36	+ 3	4.0	+ 2.3	Amarillo . . .	37	+ 1	.3	- .2
D.C.Washington . . .	41	+ 5	3.1	+ .5	MONT.Billings . . .	24	+ 2	2.1	+ 1.4	Austin . . .	53	+ 3	1.1	- .8
FLA.Apalachicola . . .	57	+ 3	6.8	+ 3.7	Glasgow . . .	19	+ 10	.1	- .3	Beaumont . . .	56	+ 4	5.5	+ 1.4
Daytona Beach . . .	64	+ 6	1.7	- .4	Great Falls . . .	23	+ 2	1.1	+ .2	Brownsville . . .	62	+ 2	.6	- .8
Ft. Myers . . .	70	+ 6	.3	- 1.3	Havre . . .	20	+ 8	.1	- .4	Corpus Christi . . .	60	+ 4	1.9	+ .3
Jacksonville . . .	59	+ 4	3.5	+ .7	Helena . . .	21	+ 3	1.3	+ .7	Dallas . . .	53	+ 2	.5	- .1
Key West . . .	75	+ 4	.2	- 1.5	Kalispell . . .	18	- 1	2.0	+ .5	Del Rio . . .	43	- 1	.7	+ .3
Lakeland . . .	66	+ 5	1.1	- 1.2	Miles City . . .	22	+ 7	.8	+ .3	El Paso . . .	49	+ 4	3.3	+ 1.5
Miami . . .	73	+ 6	1.4	- .8	Missoula . . .	23	+ 2	2.0	+ .8	Fort Worth . . .	59	+ 5	3.4	+ .4
Orlando . . .	66	+ 6	1.0	- 1.3	NEBR.Grand Island . . .	23	+ 1	.9	+ .4	Galveston . . .	57	+ 5	2.0	- 1.6
Tallahassee . . .	55	+ 2	11.7	+ 8.0	Lincoln . . .	22	+ 0	1.6	+ 1.0	Houston . . .	41	+ 2	.4	- .2
Tampa . . .	65	+ 5	.9	- 1.4	Norfolk . . .	21	+ 2	1.3	+ .7	Lubbock . . .	41	+ 2	.4	- .2
W.Palm Beach . . .	71	+ 5	.5	- 2.1	N.Platte . . .	26	+ 3	.3	- .2	Midland . . .	46	+ 2	.8	+ .2
GA.Atlanta . . .	47	+ 5	6.2	+ 1.9	Omaha . . .	23	+ 3	2.1	+ 1.4	San Angelo . . .	47	+ 1	.4	- .4
Augusta . . .	47	+ 1	3.7	+ .3	Valentine . . .	24	+ 4	.5	+ .2	San Antonio . . .	53	+ 2	1.0	- .7
Macon . . .	51	+ 3	6.1	+ 2.4	NEV.Ely . . .	24	0	.7	+ .1	Victoria . . .	59	+ 5	1.0	- .8
Savannah . . .	55	+ 5	3.2	+ .3	Las Vegas . . .	45	+ 1	T	- .5	Waco . . .	49	+ 2	1.4	- .5
HAWAII.Hilo . . .	71	0	19.6	+10.5	Reno . . .	32	0	.3	- .9	Wichita Falls . . .	44	+ 2	.9	- .2
Honolulu . . .	72	0	6.4	+ 2.0	Winnemucca . . .	27	- 1	1.0	0	UTAH.Blanding . . .	25	- 3	1.0	- .1
Kahului . . .	71	- 1	3.3	- .3	N.H.Concord . . .	22	- 1	4.1	+ 1.4	Salt Lake City . . .	27	- 1	1.3	0
Lihue . . .	73	+ 2	14.1	+ 8.9	N.J.Atlantic City . . .	37	+ 4	5.9	+ 2.3	VT.Burlington . . .	24	+ 7	2.2	+ .5
IDAHO.Boise . . .	28	- 1	.6	- .9	Trenton . . .	37	+ 5	4.4	+ 1.6	VA.Lynchburg . . .	39	+ 2	3.8	+ 1.0
Lewiston . . .	34	+ 3	2.8	+ 1.5	N.MEX.Albuquerque . . .	31	- 4	.3	0	Norfolk . . .	46	+ 5	4.2	+ .8
Pocatello . . .	22	- 1	.7	- .4	Roswell . . .	41	+ 3	.2	- .2	Richmond . . .	41	+ 3	5.7	+ 2.8
ILL.Cairo . . .	39	+ 3	3.4	+ .6	N.Y.Albany . . .	26	+ 4	2.8	+ .6	Roanoke . . .	40	+ 4	3.6	+ .9
Chicago . . .	28	+ 4	3.7	+ 1.8	Binghamton . . .	25	+ 3	2.6	+ .3	WASH.Colville . . .	23	- 1	1.6	- .5
Moline . . .	25	+ 3	1.5	- .2	Buffalo . . .	30	+ 6	2.1	- .8	Omak . . .	21	0	1.1	- .1
Peoria . . .	28	+ 4	2.6	+ .8	New York . . .	37	+ 5	4.5	+ 1.6	Quillayute . . .	39	0	13.9	- .7
Rockford . . .	24	+ 4	2.4	+ .6	Rochester . . .	30	+ 6	1.8	- .5	Seattle-Tacoma . . .	39	+ 1	6.0	+ .2
Springfield . . .	31	+ 4	4.3	+ 2.5	Syracuse . . .	29	+ 5	2.5	- .2	Spokane . . .	24	- 1	2.5	0
IND.Evansville . . .	37	+ 4	4.1	+ .7	N.C.Asheville . . .	42	+ 4	3.9	+ .5	Walla Walla . . .	36	+ 3	3.8	+ 1.7
Ft. Wayne . . .	30	+ 5	2.4	- .1	Charlotte . . .	45	+ 3	6.1	+ 2.6	Yakima . . .	30	+ 2	2.3	+ 1.0
Indianapolis . . .	32	+ 4	4.4	+ 1.5	Greensboro . . .	42	+ 3	5.3	+ 2.1	W.Va.Beckley . . .	34	+ 3	4.5	+ 1.0
South Bend . . .	30	+ 6	4.6	+ 2.2	Hatteras . . .	51	+ 6	4.4	+ .1	Charleston . . .	36	+ 1	4.8	+ 1.4
IOWA.Burlington . . .	29	+ 6	1.2	- .4	Raleigh . . .	44	+ 3	6.1	+ 2.9	Huntington . . .	37	+ 3	4.1	+ .9
Des Moines . . .	23	+ 4	1.4	+ .3	Wilmingon . . .	51	+ 5	5.1	+ 1.9	Parkersburg . . .	36	+ 3	2.8	- .3
Dubuque . . .	20	+ 2	.9	- .8	N.DAK.Bismarck . . .	13	+ 5	.5	0	WIS.Green Bay . . .	20	+ 5	1.5	+ .4
Sioux City . . .	18	0	1.7	+ 1.0	Fargo . . .	12	+ 6	1.3	+ .8	La Crosse . . .	18	+ 2	1.6	+ .6
KANS.Concordia . . .	29	+ 3	.7	0	Williston . . .	12	+ 4	.1	- .5	Madison . . .	22	+ 5	1.0	- .3
Dodge City . . .	34	+ 3	.2	- .3	OHIO.Akron-Canton . . .	32	+ 6	3.8	+ 1.1	Milwaukee . . .	24	+ 5	2.3	+ .7
Goodland . . .	30	+ 2	.2	- .2	Cincinnati . . .	34	+ 3	4.1	+ .8	WYO.Casper . . .	21	- 2	.5	0
Topeka . . .	31	+ 3	1.5	+ .5	Cleveland . . .	32	+ 5	3.1	+ .5	Cheyenne . . .	26	- 1	.4	- .1
Wichita . . .	33	+ 2	1.3	+ .4	Columbus . . .	33	+ 5	3.2	+ .3	Lander . . .	21	+ 1	.7	+ .2
KY.Lexington . . .	37	+ 4	3.7	+ .3	Dayton . . .	33	+ 5	3.6	+ .8	Sheridan . . .	22	+ 1	1.1	+ .4
Louisville . . .	38	+ 5	4.9	+ 1.4	Toledo . . .	29	+ 4	2.6	+ .5	P.R.San Juan . . .	77	+ 2	2.7	- 1.0

Based on 1941-70 Normals

WORLD WEATHER AND AGRICULTURE

1974 HIGHLIGHTS

BELGIUM: As a whole, 1974 was a disappointing year. Dry and cold weather during April and May resulted in a significantly smaller forage supply of low quality. The summer was generally wet and cold, favorable for pasture conditions, but detrimental to field crops. The situation became catastrophic during the last four months of the year when prolonged heavy rainfall caused severe damage to sugarbeets, potatoes and corn. Sodden fields made mechanical harvesting almost impossible. A sizeable quantity of the potato crop rotted in the field or is only usable for animal feed. Soil preparation for 1975 winter grains has been seriously hampered. Only bright spot was record yields for wheat and barley.

SWITZERLAND: A heavy April frost severely damaged tree and vine crops. Yields for summer harvested small grains were exceptionally high. However, deteriorating weather conditions after the grain harvest decreased corn production by 15 percent. The wet fall also decreased the sugar content of beets and made harvesting very difficult.

IRELAND: The weather during the year was cool and wet, with exceptionally stormy weather in the September-October period which seriously threatened the harvest. As a result, only about 11 percent of the wheat crop was millable, although yields were average or above. However, weather conditions improved during the fall, allowing harvesting of root crops to proceed without difficulty. Sugarbeet harvest was completed, but the lack of sunshine led to low sugar yields.

GERMANY: Grain crops reached all-time record highs because of frequent rains in the May to July period. However, there was a negative influence on quality. An extremely wet fall made the root crop harvest very difficult.

FRANCE: Favorable weather for wheat pushed 1974 production to record levels. On the other hand, an unusually dry summer followed by almost continuous rains throughout the fall cut into the production of corn, barley sugarbeets and potatoes. The wet fall also retarded plantings for 1975, which will result in more spring wheat varieties which do not yield as well as the winter wheats.

SPAIN: Save for general rains in February, March, April and June, precipitation throughout the rest of the year has been confined to a few isolated areas, particularly in the northern coastal provinces. Drought has been the principal feature.

Drought and frost hindered the seeding of fall grains and pulses to be harvested in 1974. No improvement occurred until January 1974 when spring-like rains favored reseeding in many areas. Rain and moderate temperatures throughout most of the spring improved prospects. Drought commenced again in July. As a result, rain-grown corn, olive and sugarbeet yields were reduced and range conditions became critical.

DENMARK: The weather during 1974 was exceptional. It was characterized by above average temperatures, sunshine and rainfall, with abnormal rainfall patterns. The January-March period was warm and followed by the driest, warmest spring (March-May) of this century. The summer was cold with heavy rainfall in July. A dry August was favorable for

grain harvest but a cold, rainy September-October period made root crop harvest difficult. Rainfall was 60 percent above average in the September-December period and 15 percent above average for the year. Nevertheless, sunshine was also 6 percent above average for the year.

GHANA: Rains during 1974 were timely and plentiful. The rains commenced early throughout the country and continued well into the fall. The production level of all major crops were above 1973 levels.

NIGERIA: Nigeria was blessed with good rains throughout the country in 1974. The rains arrived on schedule and continued well into the fall. This was a marked improvement over 1973 when the northern area of the country suffered severe drought damage.

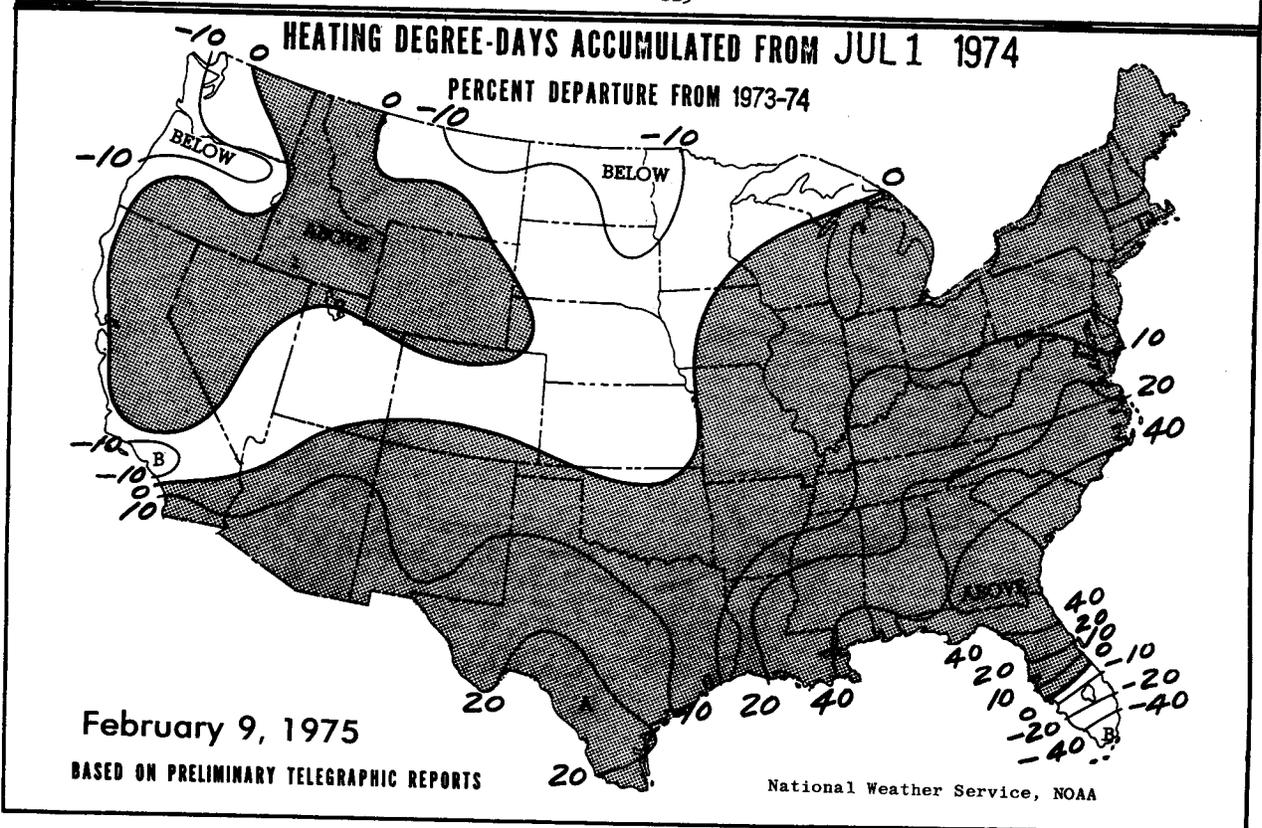
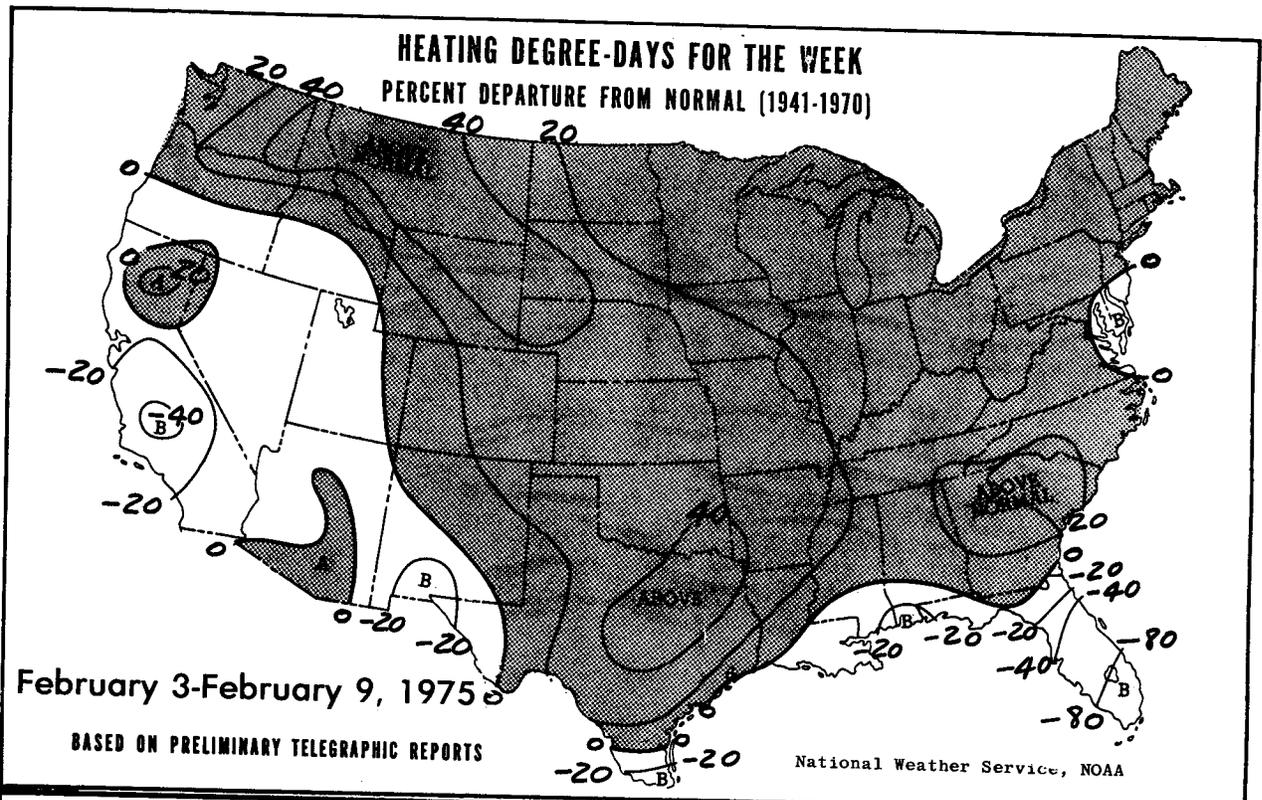
CANADA: 1974 was the year of the late spring followed by flooding which later gave way to drought and then an early frost which was followed by a few weeks of cold, wet weather. The quality of the grain suffered. With the onset of frost over the first weekend of September, farmers began major mowing and swathing operations in the hope that a few days of dry weather would hasten drying and permit combining. Instead, there were several weeks of generally cold wet weather during which farmers went ahead with combining and binned tough, damp grain. The weather then turned for the better and the remainder of the crop was cleaned up.

INDIA: The summer monsoon of 1974 was substantially below the good monsoon of 1973, but not materially different from the poor monsoon of 1972. Given last year's poor monsoon and the subsequent dry conditions in the extreme south, the outlook for the 1975 rabi crop is also poor. Weather conditions during the next 8 to 10 weeks will be crucial.

ARGENTINA: Drought conditions, primarily in the southern part of the Province of Buenos Aires resulted in a 27 percent reduction in the 1974 wheat crop and a 39 percent drop in fine grains. Extremely favorable weather in the fruit growing areas resulted in a 41 percent increase in total fruit production. In contrast to wheat, moisture conditions in the main corn producing zone were considered to be good and timely rains in late December and early January 1975 have resulted in favorable growing conditions.

THAILAND: Agricultural production in 1974 was only slightly larger than 1973. Weather conditions were good during the planting season, but this was followed by a period of dry weather. Some of the major export crops did not fully recover from early drought conditions after the rains started again in late August.

IRAN: Poor weather conditions in 1974 brought about declines in winter wheat and barley crops, but July rains enhanced the summer grazing range which was of great benefit to the sheep industry. There was no rainfall in the principal wheat areas from the end of March to the first of July. Also a significant amount of the so-called irrigated wheat suffered because wells or ghanats water sources were insufficient to irrigate the total land put under wheat.



These maps give the percentage difference in heating degree-day accumulations for the indicated period. A positive departure (shaded) indicates that the current heating degree-day accumulation is greater so that temperatures have been colder.

Heating Degree Days (Base 65°) For Week Ending Feb. 9, 1975

States and Stations	Weekly		Seasonal † Accumulation			States and Stations	Weekly		Seasonal † Accumulation			States and Stations	Weekly		Seasonal † Accumulation		
	TOTAL	Departure*	TOTAL	Departure*	Departure From 1973-74		TOTAL	Departure*	TOTAL	Departure*	Departure From 1973-74		TOTAL	Departure*	TOTAL	Departure*	Departure From 1973-74
ALA. Birmingham . . .	162	-24	1762	-218	258	Portland . . .	310	-5	4281	-266	66	Tulsa . . .	239	61	2483	-30	22
Mobile . . .	68	-24	998	-208	316	MD. Baltimore . . .	217	-2	2719	-309	-52	OREG. Astoria . . .	164	10	2792	-300	-468
Montgomery . . .	131	18	1404	-210	303	MASS. Boston . . .	266	14	3254	-151	111	Burns . . .	245	-5	4271	-186	2
ARIZ. Flagstaff . . .	257	9	4279	-74	219	MICH. Alpena . . .	366	30	4863	-224	14	Medford . . .	158	-18	2872	-208	215
Phoenix . . .	72	-10	1052	-69	172	Detroit . . .	301	21	4037	46	198	Pendleton . . .	242	45	2760	-636	-380
Tucson . . .	95	5	1418	234	192	Flint . . .	304	5	4101	-223	39	Portland . . .	200	35	2496	-466	-230
Winslow . . .	187	-8	3508	359	288	Grand Rapids . . .	318	25	4424	238	339	Salem . . .	174	11	2628	-318	-359
Yuma . . .	56	0	795	29	70	Houghton Lake . . .	361	25	4892	-188	79	PA. Allentown . . .	267	8	3516	-149	227
ARK. Fort Smith . . .	216	53	2367	48	154	Lansing . . .	311	15	4240	-22	40	Erie . . .	288	1	3960	-129	298
Little Rock . . .	182	17	2022	-296	147	Marquette . . .	349	22	4781	-172	-89	Harrisburg . . .	261	23	3331	-41	369
CALIF. Bakersfield . . .	57	-41	1457	-75	176	Muskegon . . .	297	6	4063	-99	-41	Philadelphia . . .	237	11	2802	-279	22
Eureka . . .	98	-21	2713	5	-58	S. Ste. Marie . . .	383	26	5509	22	22	Pittsburgh . . .	266	7	3468	-290	219
Fresno . . .	84	-32	1813	22	141	MINN. Duluth . . .	429	43	6130	114	-49	Scranton . . .	271	-2	3628	-309	-204
Los Angeles . . .	55	-15	619	-371	-155	Internatl Falls . . .	470	44	6315	-348	-202	R. I. Providence . . .	275	17	3461	-149	137
Red Bluff . . .	138	24	1933	173	143	Minneapolis . . .	401	42	5042	-245	-88	S. C. Charleston . . .	136	24	1378	-119	539
San Diego . . .	51	-12	726	-131	85	Rochester . . .	408	55	5155	-42	-9	Columbia . . .	146	16	1626	-192	590
San Francisco . . .	89	-13	1840	45	-15	St. Cloud . . .	423	42	5637	10	22	Greenville . . .	180	28	2171	12	343
Stockton . . .	94	-27	1942	101	-282	MISS. Jackson . . .	132	13	1556	-63	376	S. DAK. Aberdeen . . .	409	40	5010	-495	-803
COLO. Denver . . .	295	63	3815	127	-55	Meridian . . .	138	19	1462	-239	389	Huron . . .	402	55	4902	-246	-290
Grand Junction . . .	248	12	3903	166	-170	MO. Columbia . . .	303	70	3499	171	154	Rapid City . . .	421	137	4448	-32	-111
Pueblo . . .	284	63	3540	63	14	Kansas City . . .	313	76	3508	115	18	Sioux Falls . . .	403	67	4874	-145	-155
CONN. Bridgeport . . .	249	+4	3067	-167	158	St. Louis . . .	280	59	3270	139	58	TENN. Chattanooga . . .	199	34	2448	-54	536
Hartford . . .	279	0	3840	-119	242	Springfield . . .	257	50	3039	21	228	Knoxville . . .	187	21	2262	-96	329
DEL. Wilmington . . .	238	8	2940	-183	216	MONT. Billings . . .	433	158	4516	28	119	Memphis . . .	238	79	1924	-304	153
D. C. Washington . . .	207	4	2403	-339	244	Glasgow . . .	472	106	5047	-607	-674	Nashville . . .	182	5	2274	-234	299
FLA. Apalachicola . . .	67	-10	746	-219	230	Great Falls . . .	468	188	4536	-157	-258	TEX. Abilene . . .	181	51	1937	106	237
Daytona Beach . . .	30	-26	408	-214	113	Havre . . .	500	155	4952	-634	-518	Amarillo . . .	236	49	2771	21	160
Ft. Myers . . .	10	-25	128	-201	-37	Helena . . .	494	202	5100	-30	8	Austin . . .	136	40	1217	-33	135
Jacksonville . . .	65	-12	828	-116	270	Kalispell . . .	442	149	5178	-184	234	Brownsville . . .	30	-12	435	-22	57
Key West . . .	0	7	7	35	-17	Miles City . . .	452	132	4679	-334	-145	Corpus Christi . . .	63	6	669	-33	121
Lakeland . . .	24	-25	292	-187	39	MISSOULA . . .	396	117	4732	-288	25	Del Rio . . .	106	25	1138	-29	223
Miami . . .	1	-16	49	-94	-45	NEBR. Grand Island . . .	362	87	4273	143	-156	El Paso . . .	97	31	2046	84	178
Orlando . . .	20	-29	297	-194	58	Lincoln . . .	376	101	4182	138	-218	Fort Worth . . .	171	47	1560	-105	27
Tallahassee . . .	95	7	1140	7	475	Norfolk . . .	384	82	4414	-62	-122	Galveston . . .	68	-7	640	-201	44
Tampa . . .	31	-18	292	-214	35	North Platte . . .	347	78	4465	184	-488	Houston . . .	99	17	851	-183	-26
W. Palm Beach . . .	2	-23	91	-123	-21	Omaha . . .	365	91	4094	150	-109	Lubbock . . .	189	24	2426	18	306
GA. Atlanta . . .	194	47	1947	-165	410	Valentine . . .	412	118	4468	-108	-117	Midland . . .	141	10	1756	-107	70
Augusta . . .	175	49	1875	-86	588	NEV. Ely . . .	252	-18	4612	-92	-136	Beaumont . . .	86	2	969	-121	100
Macon . . .	147	35	1460	-133	447	Las Vegas . . .	116	-7	1755	-96	-116	San Angelo . . .	158	44	1637	23	260
Savannah . . .	122	20	1131	-255	312	Reno . . .	211	6	3736	15	231	San Antonio . . .	118	31	1208	60	193
IDAHO. Boise . . .	195	-26	3509	-215	150	Winnemucca . . .	184	-43	4075	-30	355	Victoria . . .	93	21	747	-142	84
Lewiston . . .	265	62	3197	-336	-170	N. H. Concord . . .	355	47	4786	228	221	Waco . . .	168	58	1529	65	183
Pocatello . . .	262	-2	4439	-14	-6	N. J. Atlantic City . . .	224	0	2752	-331	32	Wichita Falls . . .	195	51	1982	-41	143
ILL. Cairo . . .	221	34	2555	-50	151	Trenton . . .	238	7	2884	-218	69	UTAH. Salt Lake C . . .	202	-32	3655	-160	-30
Chicago . . .	312	36	3797	-72	15	N. MEX. Albuquerque . . .	194	8	3185	287	84	VT. Burlington . . .	358	22	4620	-224	-98
Moline . . .	328	38	4032	-89	-56	Roswell . . .	173	7	2537	-65	271	VA. Lynchburg . . .	220	24	2809	27	413
Peoria . . .	327	52	3900	-37	18	N. Y. Albany . . .	332	31	4419	113	122	Norfolk . . .	160	-12	1978	-260	255
Rockford . . .	342	41	4253	-109	79	Binghamton . . .	327	26	4506	63	424	Richmond . . .	202	13	2610	-4	453
Springfield . . .	302	47	3522	-95	47	Buffalo . . .	283	-9	3872	-289	-97	Roanoke . . .	215	19	2788	-23	440
IND. Evansville . . .	231	16	2950	-125	264	New York . . .	239	8	2862	-151	132	WASH. Quillayute . . .	181	11	3275	-221	-455
Fort Wayne . . .	301	28	3849	-70	90	Rochester . . .	298	11	4010	-65	193	Seattle-Tacoma . . .	175	10	2892	-255	-74
Indianapolis . . .	276	24	3562	-39	373	Syracuse . . .	308	16	4072	12	43	Spokane . . .	342	97	4321	-23	76
South Bend . . .	297	15	3622	-414	77	N. C. Asheville . . .	207	20	2615	-161	430	Walla Walla . . .	274	85	2892	-301	-116
IOWA. Burlington . . .	366	88	3937	-41	21	Hatteras . . .	186	46	1492	-188	384	Yakima . . .	271	48	3623	-339	-125
Des Moines . . .	368	67	4118	-198	-18	Charlotte . . .	189	35	2258	70	411	W. VA. Beckley . . .	253	22	3499	-66	555
Dubuque . . .	372	56	4590	-53	35	Greensboro . . .	200	22	2415	-151	149	Charleston . . .	229	20	3146	137	609
Sioux City . . .	390	83	4477	-26	89	Raleigh . . .	196	28	2383	21	567	Huntington . . .	221	11	2992	-25	480
KANS. Concordia . . .	305	57	3528	-122	-278	Wilmington . . .	133	7	1561	-98	512	Parkersburg . . .	232	11	3166	45	422
Dodge City . . .	302	83	3225	-52	-141	N. Dak. Bismarck . . .	442	63	5769	36	-449	WIS. Green Bay . . .	378	36	4978	-52	162
Goodland . . .	307	64	3906	61	-101	Fargo . . .	424	24	5273	-617	-979	LaCrosse . . .	388	57	4669	-73	43
Topeka . . .	296	61	3398	-60	-183	Williston . . .	468	95	5568	-247	-558	Madison . . .	352	26	4503	-357	-158
Wichita . . .	288	75	3088	-28	-213	OHIO. Akron-Canton . . .	277	7	3633	-240	287	Milwaukee . . .	336	26	4278	-287	46
KY. Lexington . . .	221	3	3004	-86	428	Cleveland . . .	283	17	3666	-117	395	WYO. Casper . . .	388	113	4878	296	115
Louisville . . .	216	-1	2868	-178	380	Columbus . . .	267	15	3396	-251	260	Cheyenne . . .	350	94	4616	293	140
LA. Baton Rouge . . .	85	-7	1017	-197	265	Cincinnati . . .	237	6	3319	50	319	Lander . . .	356	67	4982	81	84
Lake Charles . . .	95	11	947	-129	142	Dayton . . .	263	11	3452	-146	194	Sheridan . . .	452	168	4882	140	61
New Orleans . . .	70	-13	899	-197	250	Toledo . . .	298	22	3982	-25	67						
Shreveport . . .	155	43	1549	13	117	Youngstown . . .	288	12	3898	-75	268						
MAINE. Caribou . . .	424	46	5983	100	158	OKLA. Okla City . . .	246	68	2459	-54	30						



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Heating Degree Days (Base 65° F.)

January 1975

ALA. Birmingham	493	MAINE, Caribou	1717	OKLA. Okla. City	763
Mobile	276	Portland	1177	Tulsa	773
Montgomery	386	MD. Baltimore	818	OREG. Astoria	678
ALASKA, Anchorage	1643	MASS. Boston	925	Burns U.	1231
Barrow	2838	Chatham	889	Medford	873
Fairbanks	2497	MICH. Alpena	1313	Pendleton	722
Juneau	1295	Detroit	1129	Portland	658
Nome	2038	Flint	1142	Salem	1027
ARIZ. Flagstaff	1158	Grand Rapids	1227	PA. Allentown	1080
Phoenix	388	Houghton Lake	1327	Erie	977
Tucson	465	Lansing	1166	Harrisburg	852
Winslow	1192	Marquette U.	1376	Philadelphia	997
Yuma	295	S. Ste. Marie	1906	Pittsburgh	1024
ARK. Fort Smith	718	MINN. Duluth	1713	Scranton	951
Little Rock	630	Internatl Falls	1815	R. I. Providence	350
CALIF. Bakersfield	557	Minneapolis	1561	S. C. Charleston	417
Eureka U.	587	Rochester	1556	Columbia	590
Fresno	661	St. Cloud	1704	Greenville	1487
Los Angeles U.	238	MISS. Jackson	429	S. DAK. Aberdeen	1489
Red Bluff	630	Meridian	449	Huron	1274
Stockton	273	Vicksburg U.	-----	Rapid City	1476
San Diego	540	MO. Columbia	1034	Sioux Falls	686
San Francisco	716	Kansas City	1084	TENN. Chattanooga	666
COLO. Denver	1024	St. Louis	979	Knoxville	591
Grand Junction	1392	Springfield	878	Memphis	665
Pueblo	1024	MONT. Billings	1280	Nashville	620
CONN. Bridgeport	915	Glasgow	1437	TEX. Abilene	853
Hartford	1040	Great Falls	1304	Amarillo	377
D. C. Washington	740	Havre	1355	Beaumont	293
FLA. Apalachicola	242	Helena	1445	Brownsville	227
Ft. Myers	33	Kalispell	1319	Corpus Christi	375
Jacksonville	223	Miles City	1302	Dallas	672
Key West	7	Missoula	1302	Del Rio	489
Lakeland U.	79	NEBR. Grand Island	1302	El Paso	208
Miami	14	Lincoln	1338	Fort Worth	290
Orlando	73	Norfolk	1369	Lubbock	744
Daytona Beach	108	North Platte	1216	Midland	568
Tallahassee	319	Omaha	1311	San Angelo	389
Tampa	84	Valentine	1256	San Antonio	244
GA. Atlanta	547	NEV. Ely	1267	Victoria	507
Augusta	539	Las Vegas	607	Wichita Falls	644
Macon	425	Reno	996	UTAH, Blanding R	-----
Savannah	315	Winnemucca	1156	Salt Lake City	1157
IDAHO, Boise	1132	N. H. Concord	1339	VT. Burlington	1276
Lewiston	946	N. J. Atlantic City	858	VA. Lynchburg	808
Pocatello	1312	Trenton U.	1050	Norfolk	584
ILL. Cairo U.	790	N. MEX. Albuquerque	729	Richmond	746
Chicago	1144	Roswell	1212	Roanoke	783
Moline	1235	N. Y. Albany	1237	WASH. Colville	1309
Peoria	1156	Binghamton	1077	Omak	-----
Rockford	1044	Buffalo	858	Quillayute	874
Springfield	867	New York	1096	Seattle-Tacoma	804
IND. Evansville	1084	Rochester	1100	Spokane	1276
Port Wayne	1016	Syracuse	715	Walla Walla U.	880
Indianapolis	1077	N. C. Asheville	609	Yakima	1022
South Bend	1086	Charlotte	676	W. VA. Beckley	946
IOWA, Burlington	1308	Greensboro	425	Charleston	899
Des Moines	1379	Hatteras R.	651	Huntington	851
Dubuque	1439	Raleigh	429	Parkersburg U.	885
Sioux City	1106	Wilmington	1612	WIS. Green Bay	1381
KANS. Concordia	961	N. DAK. Bismarck	1636	Madison	1447
Dodge City	1069	Fargo	1015	Milwaukee	1329
Goodland	1046	Williston U.	953	WYO. Casper	1261
Topeka	974	OHIO. Akron-Canton	1021	Cheyenne	1352
Wichita	852	Cincinnati U.	999	Lander	1211
KY. Lexington	830	Cleveland	1104	Sheridan	1360
Louisville	308	Columbus	1068		1317
LA. Baton Rouge	282	Dayton			
Lake Charles	270	Toledo			
New Orleans	473	Youngstown			
Shreveport					

Preliminary reports from airport locations, except those marked U for urban and R for rural.
 *Estimated.