

Weekly Weather & Crop Bulletin

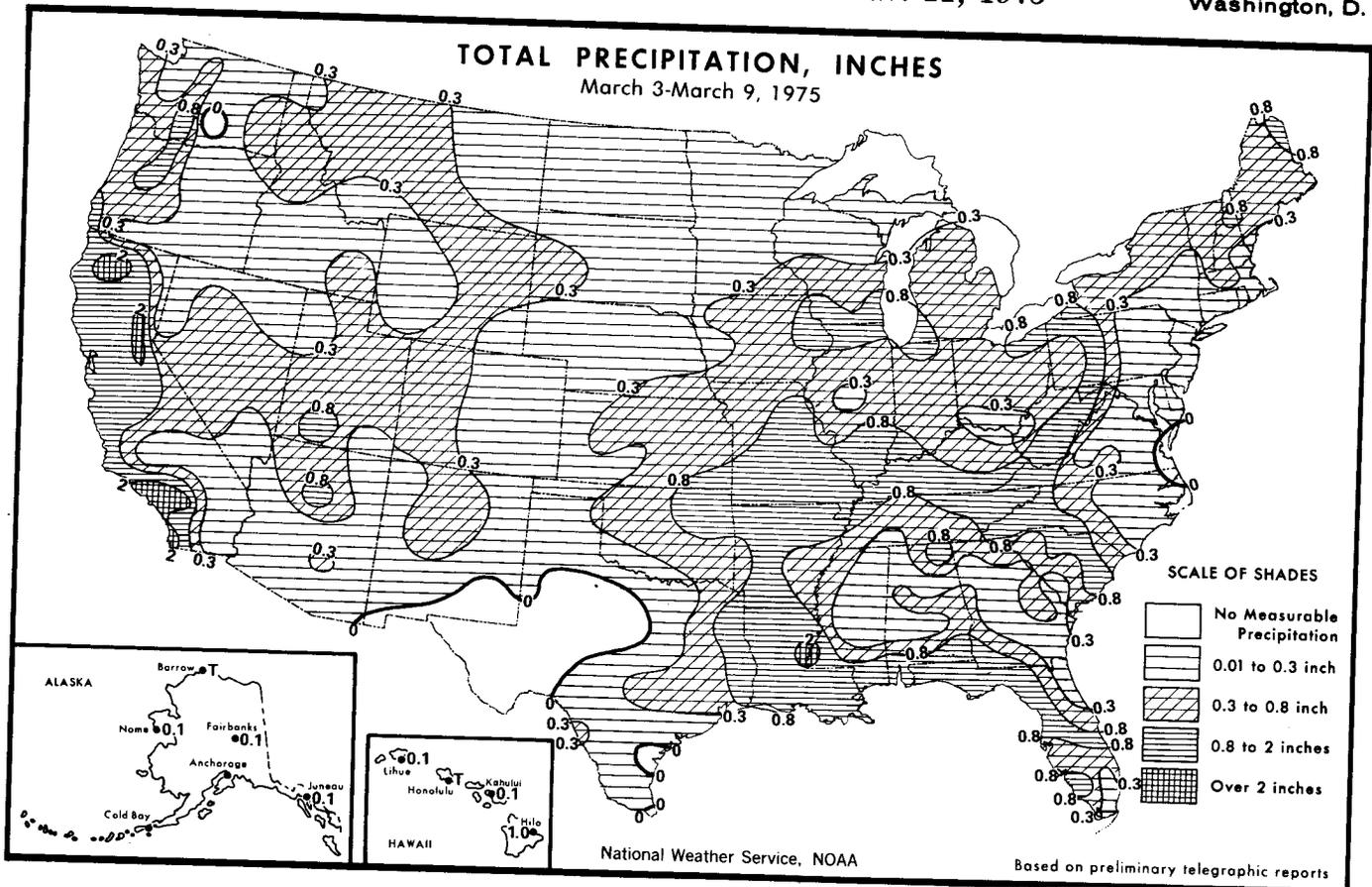
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NATIONAL WEATHER SUMMARY

For the Week of March 3 - 9

HIGHLIGHTS: A large stationary Low off the West Coast triggered heavy rains during the week in California with lighter amounts spilling inland across Nevada and Arizona.

Temperatures for the week averaged below normal from the eastern slopes of the Rockies to the Atlantic. Coolest areas included the North Central States, where eastern Iowa was as much as 12° below normal and the Southeastern United States where temperatures ranged downward to 10° below normal.

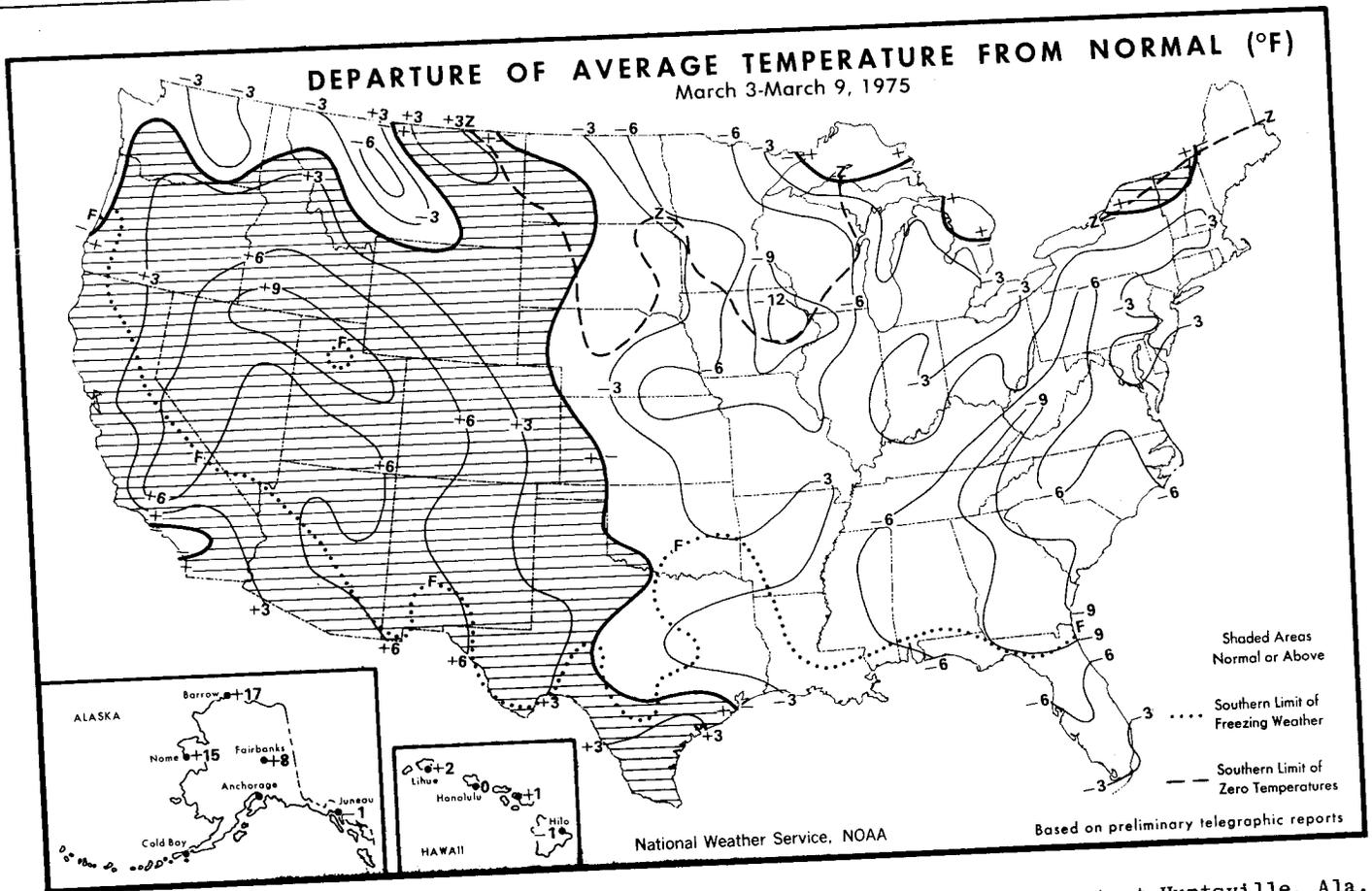
PRECIPITATION: Monday, strong circulation from a departing storm system whipped up snow showers over and south of the Great Lakes and western New England. Bradford, Pa. was shrouded with snow and blowing snow reducing visibilities to less than 1 mile. Meanwhile, Syracuse and Rochester, N.Y. added an inch of new snow early in the evening.

Snow showers continued south of the Great

Lakes, while a front in the Gulf of Mexico caused rain and rain showers along the southern Coast on Tuesday. Both New Orleans, La. and Biloxi, Miss. received over 1.00 in. of rain during the day. A Low center forming in south central Canada produced some snow showers across the Central Border States.

Wednesday, the Canadian Low moved into Minnesota with the frontal system trailing south southwestward into Kansas. Early in the day spotty precipitation occurred from Montana and northern Wyoming into Wisconsin and upper Michigan. In the West, a storm front invaded the California Coast spreading rain across the state eastward into Nevada.

The Low from Minnesota drifted into western New York and on into western New England, dumping rain and snow along its path, Thursday. The frontal system from the Low extended into southern Illinois through central Missouri to join a deepening Low in western Kansas. Since Wednesday night, Los



Angeles, and San Diego were drenched with between 1.00 to 2.00 in. of rainfall.

Friday the deepening Low in western Kansas moved to Ohio with the accompanying frontal system extending southward to Louisiana and into Texas, New Mexico, and on to southern Idaho. Rain and thundershowers fell around and ahead of the Low center with snow falling well behind it, piling up across Michigan.

The large lingering Low just off the West Coast approached California triggering heavy rain along the Coast with light amounts reported inland.

The Ohio Low swept through New England on Saturday and finally moved off the New England Coast. Meanwhile, the Pacific storm system and a stationary front to the north and east of the storm combined, bringing snow to the northern Rockies, showers in Arizona and New Mexico and locally heavy rains peppered with thunderstorms across southern California.

Sunday, a Low formed in Colorado with a front extending southward through eastern New Mexico as warm moist air surged northward through Texas into the Central Plains. Snow or rain occurred along the front with thundershowers in New Mexico.

Later in the day heavy snow was widespread across Kansas, with lesser amounts in the dry western portion, and Nebraska, with lighter amounts reported in South Dakota.

TEMPERATURE: Monday, a high pressure center over North Dakota spread cold air over the eastern two-thirds of the Nation. Record Low morning temper-

atures for the date were set at Huntsville, Ala. with 18°; Raleigh, N.C. with 19° and Augusta, Ga. with 21°. Readings below freezing were recorded in northern Florida with 40's reaching as far south as Miami.

The cold air mass continued to hover over the Eastern United States on Tuesday, keeping temperatures well below seasonal normals along the Gulf and south Atlantic Coast. Augusta, Ga. tied their record Low for the date with 20°.

Wednesday, unseasonably warm afternoon temperatures blessed the southern and central Rockies. Denver, Colo. reached 66°. However, it remained below freezing all day along most of the Canadian Border. Cut Bank, Mont. had a high of 21°.

The Southeast continued quite cool with near freezing temperatures reaching into northern Florida on Thursday. Elsewhere temperatures reached into the 70's as far north as southwestern Kansas. Yet just across a stationary front in northern Kansas readings lingered in the 30's.

Friday, while it was unseasonably warm in the Atlantic and Gulf Coast regions, the Missouri and upper Mississippi Valleys were unseasonably cold. Highs ranged from 91° in McAllen, Texas to 8° in Cutbank, Mont.

Unusually cold temperatures engulfed most of the Nation east of the Rockies while warm weather prevailed in southern Florida on Saturday.

Sunday, maximum temperature readings ranged from 87° in McAllen, Texas to 10° in Grand Forks, N.Dak. and Cut Bank, Mont.

NATIONAL AGRICULTURAL SUMMARY

For the Week of March 3 - 9

HIGHLIGHTS: Warmer weather and good moisture led the way for excellent growth response from winter wheat in Texas; while snow cover throughout Kansas continued favorable for the eastern two-thirds, but moisture was still limited west. Corn and cotton planting was underway in several Southern States. Subnormal temperatures slowed pasture development in the Southwestern States and caused some possible damage to the peach crop in South Carolina.

SMALL GRAINS: Small grains responded to drier weather in several Southeastern States and top dressing work was active as weather permitted. Fall grains were showing fair to good stands in Oregon. Cold temperatures slowed growth in Florida. Seeding of spring oats and barley was delayed in Kansas with less than 5% seeded, normally 10 to 20% has been seeded. Oklahoma spring planted oats were 36% up to stand and spring barley was 56%.

Snow cover prevails throughout Kansas, but only limited amounts were received in the western third. More moisture is needed in that area to improve the wheat crop, elsewhere in the State the crop looks good. In Oklahoma, wheat remains dormant and in mostly good condition. Some wind erosion occurred in the western Panhandle. Winter wheat made excellent progress in Texas in response to warm weather and good moisture. Excess moisture in the eastern Corn Belt is causing problems to some winter wheat areas, however, the crop remains in fair to good condition. Winter wheat in southeastern Wyoming, eastern Colorado, and western Nebraska was affected by a moisture shortage. In eastern Washington, wheat farmers fear heaving from heavy frosts. Melting snow saturated fields causing some erosion.

OTHER CROPS: Corn planting was 16% complete in Texas, compared with 14% in 1974 and 4% average. Planting was also underway in Florida and the extreme southern counties of Alabama.

Cotton planting was 2% done in Texas, behind the 3% in 1974, but equaled the average pace. Planting started in the Yuma, Arizona and California Desert areas.

Sorghum planting was 14% complete in Texas, slightly ahead of 1974. Early fields of rice and peanuts were also being planted.

Tobacco seedbed preparations had started in Ohio, and progress has been favorable in Maryland and Virginia where weather permitted. In Kentucky, some burning of tobacco beds was underway. Cold temperatures damaged some plant beds in South Carolina. Plant beds remained in good condition in Georgia and Florida.

Sugarbeet planting started in Texas and was active in the San Joaquin Valley of California. Sugarbeets were making good progress in Arizona and lifting of overwintered beets continued in California. Sugarcane harvest was active in Florida and young cane was making good growth. Sugarcane shaving and herbicide applying gained momentum in Louisiana.

Spring potato planting increased in Virginia's lower Eastern Shore, finished in the Mobile, Ala. area and started in the Sand Mountain, Ala. area,

in the Texas High Plains and in Oregon.

Land preparing was active in the Southern States on drier and better drained soils. Plowing started in Idaho, Oregon, and Utah on the lighter soils.

FRUITS AND NUTS: Subnormal temperatures caused some damage to the peach crop in South Carolina, but the extent of damage was unknown where trees ranged from little or no bloom to full bloom.

Citrus grove condition remained excellent in Florida, where bloom was in all stages of development. Orange harvest was slowing.

Citrus harvest continues in Texas, season rapidly coming to an end. Most trees were blooming and orchards were in good to excellent condition. Peach trees were in the pink bud to blooming stages. Pecan trees were still budding along the Upper Coast and south central areas.

In California, growers were busy controlling weeds, spraying deciduous fruit, and nut orchards and vineyards. Apricots, cherries, nectarines, peaches and plums were in various stages of bloom. Navel orange harvest continues. Valencia oranges were being picked in Riverside County.

Harvest of Valencia oranges and limited grapefruit picking were being done in the Salt River Valley of Arizona.

Fruit crops were in good condition in Arkansas. In Washington, fruit tree pruning accelerated along with brush removal, mouse control, and installing orchard heaters and frost control systems.

VEGETABLES: Light frost caused minor damage to tender vegetables in the north and central areas of Florida; some windburn occurred in the southern areas. Vegetables were moving in good volume. Movement increased on cabbage, held steady on celery, cucumbers, eggplant, peppers, radishes, squash, tomatoes, and strawberries and declined for carrots, escarole, lettuce, and sweet corn.

In California, asparagus, broccoli, carrots, cauliflower, celery, and lettuce harvests continue active.

Cabbage, carrot, and early onion harvests continue in Texas. Cucumbers, late onions, lettuce, tomatoes and watermelons were making good growth.

Broccoli, cabbage and lettuce harvests were active in Yuma, Arizona.

The strawberry harvest in Louisiana was gaining momentum, but volume was still light.

PASTURES AND LIVESTOCK: Pastures and ranges made good growth in Texas, but overgrazing was common. Cooler temperatures held back pasture development in several States necessitating continued supplemental feeding. Livestock condition was rated poor to fair in a growing number of States. Hay and roughage supplies continue to decline and the low nutrient value of remaining supplies in many areas was causing additional stress. Calving and lambing made good progress and new born losses were about normal in most States. Sheep shearing was gaining in Texas, underway in southwestern Idaho, and on farm flocks in Wyoming, and starting in New Mexico. Irrigation and stock water supplies were above average in several western States.

Mar. 9, 1975

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

States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure		Average	Departure	Total	Departure		Average	Departure	Total	Departure
ALA. Birmingham . . .	44	- 6	.1	-1.4	La. Baton Rouge . . .	53	- 4	1.2	0	Youngstown . . .	28	- 3	.7	0
Mobile . . .	51	- 6	1.3	-.3	Lake Charles . . .	54	- 4	.9	0	OKLA. Okla. City . . .	44	- 1	.6	+.2
Montgomery . . .	48	- 6	.2	-1.2	New Orleans . . .	54	- 5	1.8	+.5	Tulsa . . .	42	- 3	1.1	+.6
ALASKA. Anchorage . . .	-1	+17	T	-.1	Shreveport . . .	51	- 3	1.3	+.4	OREG. Astoria . . .	44	0	.7	-.9
Barrow . . .	12	+ 8	.1	0	MAINE. Caribou . . .	17	- 2	.8	+.3	Burns . . .	38	+ 4	.2	0
Fairbanks . . .	29	- 1	.1	-.7	Portland . . .	26	- 2	.2	-.6	Medford . . .	46	+ 2	T	-.4
Juneau . . .	20	+15	.1	-.1	MD. Baltimore . . .	37	- 2	.1	-.7	Pendleton . . .	45	+ 3	.1	-.2
Kodiak . . .	39	+ 7	.8	+.4	MASS. Boston . . .	33	- 2	.1	-.8	Portland . . .	46	+ 1	.4	-.5
Nome . . .	64	+ 6	.2	0	Chatham . . .	32	- 1	.3	0	Salem . . .	44	0	.3	-.8
ARIZ. Flagstaff . . .	61	+ 5	.2	+.1	MICH. Alpena . . .	22	0	.4	0	PA. Allentown . . .	33	- 1	.2	-.6
Phoenix . . .	64	+ 6	.2	0	Detroit . . .	27	- 5	.5	0	Erie . . .	27	- 2	.8	+.2
Tucson . . .	48	+ 5	.3	+.2	Flint . . .	25	- 4	.6	+.2	Harrisburg . . .	34	- 3	T	-.7
Winslow . . .	65	+ 3	.1	0	Grand Rapids . . .	25	- 4	.5	+.1	Philadelphia . . .	36	- 3	T	-.8
Yuma . . .	44	- 3	.8	0	Houghton Lake . . .	19	- 3	.4	0	Pittsburgh . . .	29	- 5	.7	-.1
ARK. Fort Smith . . .	45	- 2	.8	-.3	Lansing . . .	26	- 3	.5	0	Scranton . . .	31	- 1	.1	-.4
Little Rock . . .	62	+ 7	.1	-.1	Marquette . . .	24	0	.1	-.3	R. I. Providence . . .	31	- 3	.1	-.8
CALIF. Bakersfield . . .	50	+ 2	1.5	+.3	Muskegon . . .	26	- 3	.2	+.1	S. C. Charleston . . .	46	- 8	.8	-.3
Eureka . . .	55	+ 3	.9	+.5	S. Ste. Marie . . .	18	- 2	.6	-.2	Columbia . . .	44	- 7	.5	-.7
Fresno . . .	58	- 1	2.9	+2.3	MINN. Duluth . . .	14	- 5	.1	-.2	Greenville . . .	41	- 7	.5	-.7
Los Angeles . . .	52	0	1.7	+1.1	Internat'l Falls . . .	9	- 6	.1	-.1	S. D. Aberdeen . . .	21	- 1	.1	0
Red Bluff . . .	59	+ 1	2.2	+1.8	Minneapolis . . .	18	- 5	T	-.3	Huron . . .	22	- 2	.2	0
San Diego . . .	54	+ 2	1.2	+.6	Rochester . . .	14	- 9	.4	+.1	Rapid City . . .	29	+ 1	.4	+.3
San Francisco . . .	54	+ 3	.9	+.4	St. Cloud . . .	15	- 6	.1	-.1	Sioux Falls . . .	22	- 3	.2	-.1
Stockton . . .	39	+ 4	.7	+.6	MISS. Jackson . . .	48	- 5	.3	-1.0	TENN. Chattanooga . . .	38	- 9	.3	-1.0
COLO. Denver . . .	46	+ 8	.7	+.6	Meridian . . .	47	- 6	.1	-1.3	Knoxville . . .	37	- 10	1.0	-.2
Grand Junction . . .	41	+ 4	T	-.1	MO. Columbia . . .	33	- 5	.8	+.3	Memphis . . .	43	- 5	.8	-.3
Pueblo . . .	36	+ 1	.2	-.6	Kansas City . . .	33	- 4	.5	0	Nashville . . .	40	- 5	.5	-.7
CONN. Bridgeport . . .	31	- 1	.2	-.6	St. Louis . . .	34	- 6	.8	+.2	TEX. Abilene . . .	52	0	T	-.2
Hartford . . .	40	- 2	.1	-.7	Springfield . . .	37	- 4	1.9	+1.3	Amarillo . . .	44	+ 1	.3	+.2
D. C. Washington . . .	52	- 7	1.1	0	MONT. Billings . . .	27	- 3	.4	+.2	Austin . . .	56	- 1	.5	0
FLA. Apalachicola . . .	56	- 6	.3	-.5	Glasgow . . .	24	+ 3	.1	0	Beaumont . . .	56	- 2	.8	0
Daytona Beach . . .	63	- 4	1.2	+.5	Great Falls . . .	25	+ 3	.3	+.2	Brownsville . . .	70	+ 4	T	-.2
Ft. Myers . . .	49	- 10	.2	-.6	Havre . . .	26	- 2	.3	+.2	Corpus Christi . . .	67	+ 4	T	-.3
Jacksonville . . .	71	- 2	.2	-.2	Helena . . .	27	- 1	.3	+.1	Del Rio . . .	61	+ 1	.1	-.1
Key West . . .	59	- 6	.5	-.4	Kalispell . . .	27	+ 1	0	+.1	El Paso . . .	59	+ 7	T	-.1
Lakeland . . .	66	- 4	T	-.4	Miles City . . .	34	+ 3	.4	+.3	Fort Worth . . .	51	- 1	.2	-.3
Miami . . .	59	- 5	.5	-.3	Missoula . . .	28	+ 4	.3	+.1	Galveston . . .	59	0	.2	-.4
Orlando . . .	49	- 9	.9	-.5	NEBR. Grand Island . . .	26	- 7	.4	+.1	Houston . . .	58	0	.6	-.1
Tallahassee . . .	65	- 6	.4	-.5	Lincoln . . .	26	- 3	.1	-.2	Lubbock . . .	48	+ 2	T	-.2
Tampa . . .	58	- 3	.6	-.1	Norfolk . . .	29	- 2	.1	-.1	Midland . . .	55	+ 4	0	-.1
W. Palm Beach . . .	40	- 8	.1	-1.2	N. Platte . . .	26	- 4	.3	0	San Angelo . . .	54	0	T	-.2
GA. Atlanta . . .	43	- 9	.2	-.9	Omaha . . .	27	- 1	T	-.1	San Antonio . . .	59	+ 1	.1	-.3
Augusta . . .	45	- 9	T	-1.2	Valentine . . .	36	+ 5	.3	+.1	San Antonio . . .	64	+ 4	T	-.4
Macon . . .	48	- 8	.4	-.6	NEV. Ely . . .	57	+ 4	.1	0	Victoria . . .	50	- 4	.1	-.4
Savannah . . .	70	- 1	1.0	-2.2	Las Vegas . . .	42	+ 3	.3	+.1	Waco . . .	50	+ 1	.2	-.1
HAWAII. Hilo . . .	73	0	T	-.7	Reno . . .	44	+ 8	.4	+.2	Wichita Falls . . .	42	+ 6	.3	+.1
Honolulu . . .	71	- 1	T	-.6	Winneumucca . . .	24	- 4	.2	.4	UTAH. Blanding . . .	47	+10	.3	0
Kahului . . .	45	+ 6	.1	-1.0	N. H. Concord . . .	34	- 4	.1	-.9	Salt Lake City . . .	27	+ 2	.5	+.1
Lihue . . .	43	+ 2	.4	+.2	N. J. Atlantic City . . .	35	- 3	.1	.7	VT. Burlington . . .	37	- 5	.4	-.4
IDAHO. Boise . . .	40	+ 7	.6	+.4	Trenton . . .	48	+ 5	.6	+.5	VA. Lynchburg . . .	41	- 4	T	-.8
Lewiston . . .	40	+ 7	.6	+.4	N. MEX. Albuquerque . . .	50	+ 3	T	.1	Norfolk . . .	39	- 5	.1	-.7
Pocatello . . .	40	- 4	1.4	+.3	Roswell . . .	26	- 3	.1	-.5	Richmond . . .	36	- 6	.3	-.5
ILL. Cairo . . .	28	- 5	.7	+.2	N. Y. Albany . . .	22	- 5	.2	.4	Roanoke . . .	33	- 2	.1	-.2
Chicago . . .	22	- 9	.8	+.3	Binghamton . . .	25	- 3	.6	0	WASH. Colville . . .	32	- 4	.2	0
Moline . . .	27	- 6	.3	-.2	Buffalo . . .	35	- 2	.1	.8	Omak . . .	41	- 1	.7	-1.9
Peoria . . .	21	- 9	.9	+.4	New York . . .	26	- 3	.5	0	Quillayute . . .	43	0	.1	-.8
Rockford . . .	32	- 3	.2	-.3	Rochester . . .	27	- 2	.5	.2	Seattle-Tacoma . . .	32	- 3	.5	+.1
Springfield . . .	38	- 3	1.5	+.5	Syracuse . . .	36	- 7	1.1	0	Spokane . . .	42	- 2	.4	+.1
IND. Evansville . . .	30	- 3	.6	0	N. C. Asheville . . .	42	- 6	.9	.2	Walla Walla . . .	40	0	T	-.1
Ft. Wayne . . .	33	- 3	.4	-.4	Charlotte . . .	40	- 5	.3	.5	W. Va. Beckley . . .	29	- 8	.9	-.1
Indianapolis . . .	28	- 3	1.2	+.7	Greensboro . . .	43	- 5	.1	.8	Charleston . . .	32	- 9	.8	-.1
South Bend . . .	26	- 7	.6	+.1	Hatteras . . .	39	- 7	.1	-.7	Huntington . . .	36	- 5	.1	-.8
IOWA. Burlington . . .	22	- 8	.3	-.1	Raleigh . . .	45	- 7	.2	-.8	Parkersburg . . .	38	- 1	.5	-.3
Des Moines . . .	16	-12	.9	+.4	Wilmington . . .	20	0	.1	0	WIS. Green Bay . . .	18	- 6	.6	+.2
Dubuque . . .	25	- 4	.2	-.1	N. DAK. Bismarck . . .	11	- 7	.1	0	La Crosse . . .	19	- 7	.6	+.2
Sioux City . . .	30	- 6	.6	+.3	Fargo . . .	20	0	.1	0	Madison . . .	23	- 4	1.1	+.7
KANS. Concordia . . .	38	0	.2	0	Williston . . .	30	- 2	.7	0	Milwaukee . . .	31	+ 2	.6	+.4
Dodge City . . .	34	0	.1	-.1	OHIO. Akron-Canton . . .	34	- 4	.2	-.7	WYO. Casper . . .	32	+ 2	T	-.2
Goodland . . .	35	- 3	.7	+.3	Cincinnati . . .	28	- 4	1.0	+.4	Cheyenne . . .	34	+ 5	.1	-.1
Topeka . . .	37	- 3	.6	+.3	Cleveland . . .	31	- 4	.6	-.1	Lander . . .	28	0	.6	+.4
Wichita . . .	35	- 5	.5	-.6	Columbus . . .	33	- 2	.5	-.2	Sheridan . . .	28	0	.1	-.4
KY. Lexington . . .	38	- 2	.7	-.4	Dayton . . .	29	- 3	.6	+.1	P. R. San Juan . . .	79	+ 3	.1	-.4
Louisville . . .					Toledo . . .									

Based on 1941-70 Normals

Standard copy for the weekly Weather and Crop Bulletin is prepared by: Richard E. Felch, Lyle M. Denny, Orus W. Byrd, National Weather Service, NOAA; DeLon Brown, Nancy J. Burt, Statistical Reporting Service, USDA.

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: Cool temperatures and light accumulations of rainfall during week. Temperatures averaged 8° subnormal with coldest readings 4th and 5th. Low's in the 20's common over northern sections both days. Light snow over southeast on 4th. Enterprise received accumulations up to 2 in. Light accumulations of rainfall fell 7th and 9th.

Land preparations and fertilization on drier land. Corn planted extreme southern counties. Soil moisture adequate. Few areas surplus. Small grains made good growth, being top dressed, no damage reported. Irish potato planting finished Mobile area, started Sand Mountain area. Livestock remain poor to fair. Pastures greening, hay short. Livestock marketings up.

ARIZONA: Scattered precipitation 5th to 7th, more general on 8th. Traces extreme southeast to 2.00 in. White Mountains. White Mountains, 2 to 7 in. snow. Temperatures 3 to 6° above normal.

First cotton planting Yuma. Small grains, safflower, sugarbeets good progress. Alfalfa hay baling underway. Lettuce, cabbage, broccoli harvest active Yuma. Immature carrots, lettuce, broccoli, cabbage progressing satisfactorily, southwest. Recent high temperatures caused fast sizing lettuce. Insect counts low. New plantings cantaloups good growth. Kinnow mandarins, Valencia oranges, limited grapefruit picking Salt River Valley. Lemon harvest nearing completion Yuma. Ranges poor to fair, precipitation needed. Stock water, range feed short to adequate. Cattle, calves mostly poor to fair.

ARKANSAS: Temperatures warming through week, cooling toward weekend. Temperatures averaged 2 to 9° below normal. Extremes: 77 and 19°. Precipitation light and scattered through week. Highest total 0.70 in.

Seedbed preparation in full progress on better drained soils. Some land leveling done. Small grains and cool season pastures top dressed with nitrogen showing some growth and greening up. Fruit crops in good condition. Bud development not in danger of cold weather injury yet. Full feeding of livestock continues.

CALIFORNIA: Storms brought precipitation north and central 1st and 2d, central and south 4th, all areas 5th through 7th, except Desert southeast. Weekly amounts ranged from 4.00 in. some northern mountain areas, Sierra Nevada, and sections of south coast, to none over desert southeast. Low temperatures above freezing all low valleys except near freezing colder valleys north and central coast range early in period. Averages slightly above normal all areas except near normal south coast and 6 to 10° above southern Sierra Nevada.

Warmer temperatures, more rain aided dryland small grains. Spraying broadleaf weeds active all areas. Cotton planting started Desert. Digging overwintered sugarbeets and planting of new crop active San Joaquin Valley. Treating alfalfa for weevils active San Joaquin Valley and south. Growers busy weed control, spraying deciduous fruit nut orchards, vineyards. Later rains slowed fieldwork. Apricots, cherries, nectarines, peaches, plums various stages bloom. Almond grow-

ers fear poor pollination due to cool, wet weather. Navel orange harvest continues, increasing amounts frost damaged fruit showing, most to by-products. Fresh fruit high quality, excellent sizes. Valencia oranges being picked Riverside County, small sizes, good quality. Lemon harvest increasing, quality improving. Tangelos, Ninedlas being picked. Avocados being harvested. Asparagus continues south and Delta. Broccoli, cauliflower good quantity, quality, carrots unchanged. Celery good quality, quantity south coast and Ventura. Lettuce continues Imperial Valley. Range, pasture feed improving. Supplemental feeding shows decline. Calving, lambing northwest increasing. Bee activity Central Valley almond orchards good. Turkey poults being placed on range. Stock water adequate.

COLORADO: Storm on 6th and 7th followed by more intense storm 8th and 9th. Precipitation southwest and south central ranged from 0.50 to 1.25 in., elsewhere generally less than 0.10 in., except extreme southeast where up to 0.75 in. fell on 9th. Temperatures averaged 5 to 10° above normal ranging from near normal south central to 12° above north central.

Soil moisture levels remain critical particularly northeast. Winter wheat and ranges being affected by moisture shortage. New snowfall in mountains ranged 1 to 4 feet. Prospects for irrigation water for row crops improving. Livestock remain good condition.

FLORIDA: Winter weather returned with light snow and sleet over the Panhandle and Northern Peninsula. Temperatures averaged below normal. Rainfall was generally moderate with heavy amounts over Panhandle and light along southeast coast.

Soil moisture adequate north and west, short central and south. Irrigation active. Land preparation for spring planting active. Corn planting beginning. Tobacco plants good condition. Transplanting expected soon. Cold slowed growth small grains. Sugarcane harvest active. Young cane making good growth. Pastures in fair to good condition. Soil moisture generally short in non-irrigated pastures, but sufficient to keep pastures green. Cold slowed grass growth, but did not cause widespread burning. Cattle, calves remain in fair to poor condition. Citrus grove condition excellent. Moisture adequate, rain would help, some irrigation being done. Bloom all stages. Orange harvest slowing. Light frost caused minor damage to tender vegetables north and central areas. Some wind burn southern areas. Vegetables moving good volume. Movement on cabbage, potatoes increased. Declines recorded for carrots, sweet corn, lettuce, escarole. Steady supplies on snap beans, celery, chinese cabbage, cucumbers, eggplant, peppers, radishes, squash, tomatoes, strawberries.

GEORGIA: Temperatures averaged 5 to 8° below normal. Coldest early week with below freezing entire State. Light sleet and snow extreme south on 4th. Precipitation 0.50 in. extreme south, and 0.20 in. or less central and north. Cold and dry 8th and 9th.

Soil moisture adequate to excessive. Land preparation, liming, fertilizing and small grain top dressing active where weather permitted. Condition of small grains fair to good. Pas-

tures poor to good condition. Cattle condition poor to fair. Condition tobacco plants good.

HAWAII: Cloudy to clear skies prevailed. Rain-fall light and scattered mainly higher elevation.

Weather continued favorable to crop progress. Progress of crops fair to good with frequent irrigation and spraying. Vegetable supplies light. Banana supplies adequate. Papaya supplies at low level. Pineapple harvesting light. Sugar harvesting becoming active.

IDAHO: Showers north and west first of week and east latter part. Temperatures ranged near to 8° above normal. Maxima 40's to mid-50's east and south central to low 60's north and southwest. Precipitation amounts above normal Pocatello with 0.47 in. and Aberdeen with 0.23 in., elsewhere averaged 0.07 to 0.22 inch below normal.

Fieldwork restricted in south central and southeast. Some activity at midweek in light soils southwest. Calving and lambing active throughout. Shearing sheep in southwest. Supplemental feeding continues. Seed potatoes moving on limited basis.

ILLINOIS: Temperatures 3 to 12° below normal. Precipitation less than 1.00 in. northern two-thirds to more than 1.00 in. south. Snow on 6th, 2 to 13 in. northwest. Snow 9th, 10th, 3 to 7 in. south and central.

Livestock remain mostly good condition. Winter wheat fair to good, excess moisture main problem. Wet conditions, freezing and thawing prevent most fieldwork. Fertilizer application continues. Snow 9th, 10th increases excess moisture problems.

INDIANA: Snow cover of 1 to 7 in., heaviest in south and southwest. Soils thawed early in week except extreme north, now frozen 1 or 2 in. Temperatures averaged 2° below normal. Precipitation 0.30 to 1.80 in., heaviest in southwest. Some wet slippery roads over weekend. Small grains remain dormant. Activities minimal. Where feasible farmers were chopping stalks, spreading fertilizers and manure, spreading grass and legume seeds, and readying equipment for the 1975 season.

IOWA: Temperatures from 3 to 5° below normal west to 7 to 12° below normal east. Precipitation below normal west and south central above normal elsewhere. Heavy snowfall afternoon, night of 6th, central, northeast; 10 in. Dubuque area. Snow night of 9th 4 in. extreme south.

KANSAS: Temperatures averaged from 1° above normal southwest to 5° below north central. Highs: 78° in southwest at midweek. Snowstorm on 9th left 2 to 3 in. of snow southwest and northwest, 5 to 7 in. elsewhere, except in an area from north central through southeast where 9 to 13 in. fell.

Weekend snow covered the State. Limited moisture received in west, more needed there to improve wheat. Eastern two-thirds still looks good. Spring oats and barley plantings delayed, both less than 5% seeded. Normal for date 10 to 20% completed.

KENTUCKY: Cold early week, warm by midweek, colder again weekend. Temperatures averaged in mid-30's. Mostly 5 to 10° below normal. Precipitation as snow showers on 3d and 8th, and showers and thundershowers 6th totaled less than 1.00 in. Wintery weather conditions continuing into March hindering ground preparations and holding back pasture development. Feeding livestock still

necessary, hay supplies short some areas, but generally adequate. Some burning tobacco beds. Much indecision regarding coming crop season.

LOUISIANA: Temperatures 2 to 6° below normal. Extremes: 84° Alexandria on 7th and 29° Calhoun, Homer and Ruston on 5th. Heavy rains early week, some sleet and snow northern two-thirds. Precipitation totals less than 1.00 in. southern areas to more than 2.00 in. central. Greatest 1-day rain, 1.81 in. New Orleans on 5th.

Rains early week halted fieldwork, confining farmers to machinery repair, livestock chores and planning. Days favorable 2.4. Soil moisture surplus. Sugarcane shaving and herbicide application more active. Strawberry harvest gaining momentum, volume still light. Pastures 75% average, 25% below. Cattle good 14%, fair 62%, poor 24%, due to less supplemental feed and overstocked pastures.

MARYLAND AND DELAWARE: Temperatures near normal except 7° below normal Garrett County. Highs upper 50's to mid 60's, lows mid-teens to mid-20's. Precipitation light ranging from trace up to 0.91 in. western Maryland.

Some plowing as soils dried. Fertilizer spreading hampered by gusty winds. Tobacco seed bed preparation progressed in favorable locations.

MICHIGAN: Temperatures averaged from 0 to 6° below normal for all but the extreme western portion of Upper Peninsula. Precipitation ranged from 0.15 to 0.75 in. throughout the Lower Peninsula, and zero to 0.15 in. over the Upper Peninsula. Farmwork still limited to livestock care and farm maintenance.

MINNESOTA: Temperatures averaged 5 to 8° below normal with extremes in the subteens central and north. Precipitation moderate very extreme southeast with 4 to 8 in. new snow, otherwise, well below normal across State with 1 to 2 in. Snow on ground at week's end well compacted with 22 to 28 in. northeast third; 7 to 15 in. central into southeast; and 2 to 6 in. elsewhere.

Farm work continues on wintertime basis with activities limited to livestock chores. Heavy snow accumulation in farmyards expected to cause unusually muddy and difficult conditions with the spring thaw.

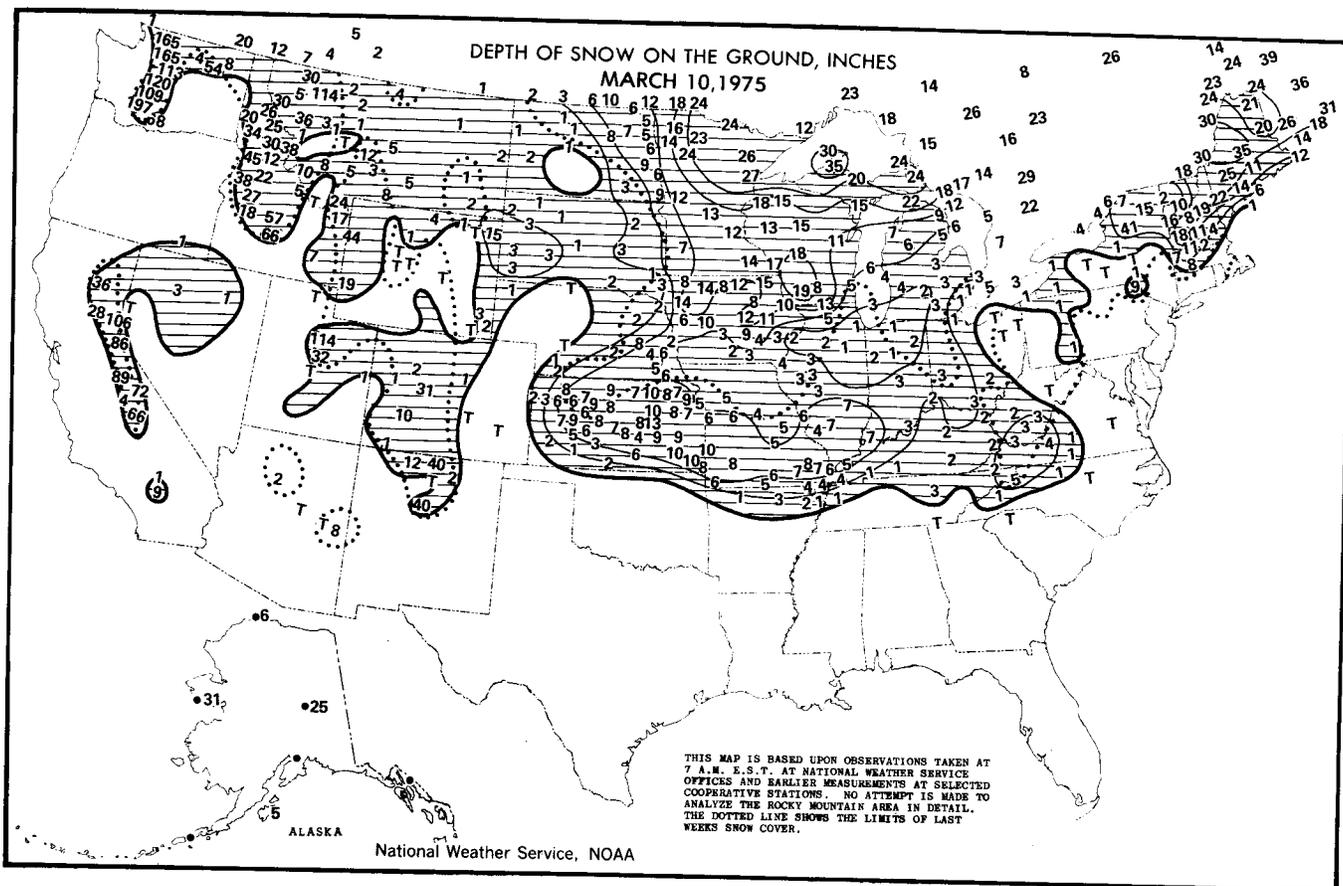
MISSISSIPPI: Little rain activity except heavy showers midweek in southern third. Temperature about 7° subnormal. Extremes: 81 and 21°. Greatest 24-hour rainfall was 2.13 in. near Richton on 4th.

Soil moisture: Adequate to surplus. Fieldwork: 2.5 days suitable. Condition of wheat and oats fair to good. Condition of livestock poor to fair. Hay, roughage, and grain supplies short.

MISSOURI: Temperatures averaged 4 to 8° below normal. The coldest readings were observed in the northeast Prairie and the east Ozarks. One-fourth to 1/2 in. precipitation over the southeast half 0.25 to 0.50 in., while the northwest averaged less than 0.10 in.

MONTANA: Week began warm but ended cold and snowy. Temperatures averaged above normal north, below normal elsewhere. Maximums early week, mostly in 40's and lower 50's, dropping to mostly 20's central and east end of week. Scattered light rain or snow showers first of week becoming more frequent midweek and continuing over weekend. Amounts above normal except east.

Calving and lambing making good progress. Un-



settled weather causing only few problems. Hay and feed grain supplies adequate. Winter wheat fair to good. Spring fieldwork not yet started.

NEBRASKA: Temperatures above normal first half below normal latter. Precipitation mostly snow fell latter half. Precipitation amounts ranging from trace to 0.50 in. snowfall 10th south central, light in southwest.

Soil moisture still short much of State. Wheat mostly poor to fair west, fair to good east. Livestock generally good condition.

NEVADA: Intense storm moved through during week preceded by sharp cold front. System left good supply precipitation. Weekly amounts ranged from few hundredths Las Vegas to almost 1.00 in. Yucca Flats. Most north half received more 0.33 in. Sierras received 10 to 30 in. new snow. Temperatures averaged 5° above normal. Highest temperature 77° Logandale lowest 12° Mountain City.

Calving and lambing increasing. Coyotes a problem. Livestock good condition. Water outlook for 1975 looks good.

NEW ENGLAND: Two intense storms March 3d and 7th caused gale force winds, but less than 0.25 in. precipitation across southern and central New England. Northern areas received up to 1.00 in. mostly as snow. Temperatures were 4 to 8° below normal in 3d and 4th and near normal thereafter in southern areas, but 20° below normal in northern New Hampshire and Maine. Temperature was near normal for season on 7th and 8th.

NEW JERSEY: Temperatures averaged 7° below normal. Weekly averages were 30° north and 34° elsewhere. Extremes: 10° at Charlotteburg and 64°

at Bridgeton. Precipitation averaged 0.07 in.

NEW MEXICO: Minor storm brought light amounts of snow and rain to north at midweek while on 8th and 9th very substantial amounts fell all areas except southeast and southern border. Chama had more than 1.50 in. of new precipitation and Red River had 20 in. of new snow over weekend. Temperatures averaged 3 to 8° warmer than normal with cooling over the weekend.

Moisture adequate. Winter wheat, winter barley, alfalfa fair to good. Spring barley fair where planted. Onions, lettuce progress satisfactory in Mesilla Valley. Livestock fair to good. About 40% calving, 20 to 50% lambing complete. Sheep shearing starting. Ranges poor to fair northeast, southwest, good elsewhere. Activities: Ground preparations for spring planting.

NEW YORK: Week colder with below normal temperatures. Saranac Lake, -15° on the 9th. Warmest days 6th and 7th with highs in 40's and 50's southern sections and 30's elsewhere. Highs in teens and twenties on 3d, 4th and over weekend. Precipitation 0.25 in. or less in Southern Tier and Hudson Valley, other sections received about 0.50 in. Boonville received heaviest snow of 14 in. with water equivalent of 1.22 in.

NORTH CAROLINA: Temperatures averaged 4 to 6° below normal west and 3 to 5° below normal east. Precipitation average 0.10 in., coastal plains to 1.50 in., mountain areas.

Fieldwork averaged 3.5 days. Soil moisture 84% adequate, 16% surplus. Small grains 32% fair, 64% good, 4% excellent. Pastures improved to over 60% fair. Spring irish potatoes 21% planted, 23% 1974. Tobacco plant beds good condition. Preparation continuing. Land preparation underway

for spring planting. Hay and feed grains remain adequate. Labor supplies exceed demands.

NORTH DAKOTA: Temperatures averaged 3° below normal, from 8° below normal northeast to 1° above normal west central and south central. Extremes: 12° at Pembina to 45° at Lemmon. Precipitation below normal, ranging from 0.07 in. below normal northeast to 0.17 in. below normal southeast. Greatest precipitation for day and week at Petersburg with 0.15 in. on 6th. Snow on weekend most of State ranging from trace to 0.08 in. Snow cover ranged from trace many parts to 21 in. at Lake Metigoshe.

Farmers acquiring seed and fertilizer for spring planting, feeding and caring for livestock, repairing machinery for spring work and hauling grain to market. Livestock in generally good condition. Lack of snow cover over causing concern over possible winter kill of winter wheat, rye and alfalfa. Lack of snow also could lead to moisture shortage in spring.

OHIO: Cold, snow flurries 3d and 4th. Warmer, no precipitation 5th and 6th. Showers and few thunderstorms on 7th, accounted for most of weekly precipitation. Snow flurries on 8th totaled 1 to 2 in., north and up to 4 in., northeast. Fair and cold on 9th. Temperatures averaged below normal. High was 64° south on 6th and low was 9° central on 8th. Precipitation averaged 0.60 in., ranging 0.97 in. north to 0.20 in., south.

Farmers starting to prepare tobacco beds. Maple sirup flow very strong. Wheat condition fair to good despite excess moisture.

OKLAHOMA: Precipitation ranged from none west central to 0.20 in. southeast. Temperatures averaged 3° subnormal to 3° above normal. Week-end cool and wet most areas.

Warmer weather made wheat and other small grains green up. Wind erosion western Panhandle. Wheat remains dormant, mostly good condition. Spring oats 36% up to stand, spring barley 56%. Top-dressing active where soil moisture allows. Occasional greenbug infestations reported. Major activities: Care of livestock, repair of fences and buildings, and record keeping. Pastures short, livestock mostly fair condition.

OREGON: Precipitation along coast ranged from 0.50 to 1.00 in. Interior valleys averaged 0.33 in. east of Cascades 0.42 in. or less. Temperatures 2 to 5° above normal. Maximum temperatures in upper 40's to lower 60's. Minimum temperatures in 20's and lower 30's.

Mild weather encouraging field activity. Plowing starting on better drained soils. Some growers beginning to fertilize. Fall grains showing fair to good stands. Spraying grain, clover, orchards, onions near completion. Potato planting underway. Feeding livestock at normal to heavy rates. Feed supplies adequate, hay movement increasing. Calving and lambing continuing.

PENNSYLVANIA: Cold, relatively dry week. Arctic outbreaks beginning and end kept maxima in 20's and 30's and minima single digits and teens. Even with brief warming to 40's and 50's on 6th, temperatures were 4 to 8° below normal and 4° below previous week. Extremes: 60 and 4°. Precipitation mostly as rain midweek from 0.80 in., west to 0.10 in. or less central and east for driest week since early November. Snowfall first half mostly trace to 2 in. west and northern sections.

Farmers doing routine late winter chores.

PUERTO RICO: Average rainfall 1.01 in. Highest

weekly total 6.31 in. at Yabucoa. Highest 24-hour total 3.83 in. at Yabucoa. Temperatures averaged about 76° on coasts and 69° interior. Extremes: 96 and 49°.

Sugarcane harvest continued normal under favorable weather. Good weather for cultivation and drying of coffee beans although rain showers interrupted some western areas. Good flowering of trees in Moca. Favorable weather for tobacco harvesting and curing in the shed. Showers, south coast and southern slopes helped development of pastures, but more rains needed. Soil preparation for planting and cultivation of food crops continued.

SOUTH CAROLINA: Temperatures averaged below normal, ranging from much below normal early week, around normal late week and freezing again close of period. Low temperatures in teens northern, western areas, mornings of 3d and late Tuesday setting a record low for this winter so far. Rainfall occurred mostly night of 7th as thunderstorms. Amounts ranging from 0.25 in. to more than 1.00 in. Some wind, hail damage occurred with the thunderstorms.

Below normal cold weather not conducive to farm activities. Subfreezing temperatures mornings of 3d and 4th damaged peach crop all areas. Trees ranged full bloom to no blooms depending on variety. Damage not yet known. Some pruning still underway and applying dormant sprays. Cold weather caused damage to some tobacco plant beds, damage not extensive. Drier weather favorable for land preparation. Farmers applying herbicides, fertilizing grains, pastures.

SOUTH DAKOTA: Temperatures averaged below normal east and 7° below to 3° above normal west. High temperature was 67° at Winner 3d. Snow widespread with the south and west receiving the most. Armour received 1.00 in. of moisture.

The low nutrient value of frost damaged roughages has necessitated added supplemental feeding in some areas. Farmers are planning for spring field-work.

TENNESSEE: Temperatures averaged 5 to 8° below normal. Precipitation slightly less than normal.

Main farm activities were routine chores. Few tobacco beds seeded.

TEXAS: Little rainfall. Rainfall less than 0.10 in. west half; 0.77 in. east. Due to passage of cold fronts, temperatures near normal, ranging upper 40's. Panhandle, to middle and upper 60's south Texas.

Wheat, oats excellent response to warm weather. Good moisture. Livestock removed from fields in preparation for grain crop. Planting cotton, corn, sorghum rapid progress southern areas. Early fields rice, peanuts, sugarbeets planted. Major crops percent planted: Cotton 2, 1974 3, average 2; corn 16, 1974 14, average 4; sorghum 14, 1974 13, average 4; rice 2, 1974 1, average 1.

Lower Rio Grande Valley: Cabbage, carrot harvest continues. Tomatoes, watermelons, other vegetables good growth. Harvest early onions continues, later onions good to excellent growth. Coastal Bend: Most watermelons, cucumbers 6 to 8 leaf stage. San Antonio-Winter Garden: Cabbage, carrots continue to be harvested. Most potatoes emerged, good growth. Lettuce good growth. East: Planting some early watermelons. High Plains: Onion transplanting underway. Preparation potato seedbeds continues with planting started few early potatoes. Peach trees blooming southern areas of Cross-Timbers, Blacklands, and East. Peach trees pink-bud stage as far north as southern Low Plains,

north Cross-Timbers. Pecan trees still budding along Upper Coast, south central. Citrus harvest continues, season rapidly coming to end. Most trees blooming. Most orchards good to excellent condition.

Pasture good growth, improved grazing, responding from warm weather, adequate moisture. Livestock fair to poor Blacklands, east. Overgrazing common in eastern areas, new movement livestock off wheat, oat fields. Death losses decreased east, internal and external parasites still problem. Goat shearing nearing completion, sheep shearing gaining momentum. Lambing active many areas.

UTAH: Rain in valleys and snow in mountains latter half of period. Accumulated amounts generally light to moderate but locally heavy over and near Wasatch Mountains. Average temperatures ranged from 4 to 11° above normal.

Spring plowing, ditch cleaning, orchard pruning under way as snow cover has largely disappeared at lower levels. Water storage in major reservoirs above average March 1st, although not as high as last year. Farm flock lambing nearing completion, range calving has started. Some sheep herds will start lambing soon. Marketing potatoes and apples nearing completion.

VIRGINIA: Temperatures averaged 5° below normal. Extremes: 69 and 10°. Precipitation light with greatest amounts extreme southwest near end of week.

Good drying week. Fieldwork: 3.8 days suitable, best since 3d week in November. Topsoil moisture 85% adequate. 15% surplus. Some plowing all areas. Spreading fertilizer and lime. Small grains responding. Overseeding pastures and forage crops tobacco seedbed preparation and seeding. Potato planting increased lower Eastern Shore. Cleaning barns, spreading manure. Livestock good condition including spring calves and lambs. Pruning, spraying fruit, general repairs, and obtaining seed and supplies. Record number soil samples field crops and gardens. Early garden planting started, mostly east.

WASHINGTON: West: Average temperatures above normal. Extremes: 50's, 30's. Precipitation first half period. Total amounts from 0.10 in. to over 2.00 in. Sunny days, cool nights last half. Pruning, training, spraying canberries. Har-

vesting forced rhubarb. Some field activity in drier, lighter soils. Pastures, grasses greening up. Feed, hay supplies adequate. East: Average readings about 3° above normal. Extremes: 50's, 20's. Precipitation first of week. Total amounts from 0.02 in. to 0.40 in.

Melting snow saturated orchards and fields causing some erosion. Nighttime frosts slowed snow melting some areas. Wheat farmers fear heaving. Pruning accelerated. Other orchard activities: Brush removal, discing, mouse control, installing orchard heaters and frost control systems. Planting potatoes and spring wheat. Other activities in wheat fields: Spraying, plowing, discing, fertilizer top dressing. Late seedbed winter wheat showed improvement over the winter and looks good, although still small. Calving and lambing progressing, with some death loss.

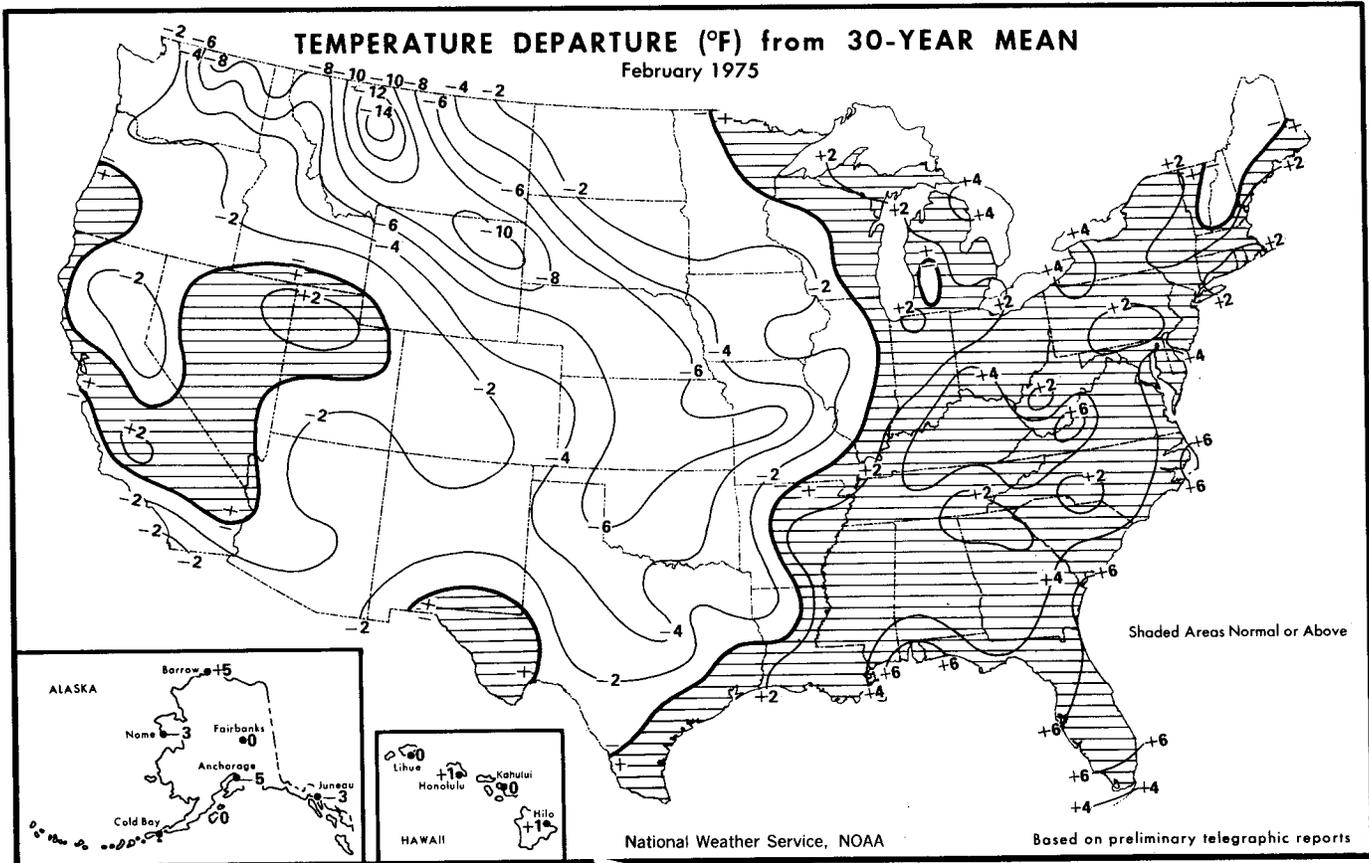
WEST VIRGINIA: Temperature below normal. Precipitation near normal and occurred late in week.

Fieldwork: Suitable 2.6 days. Soil moisture mostly adequate to surplus. Severe weather conditions in some areas continue to make hay supply tight. Farm activities include spring preparation of equipment and preparation for fertilizing.

WISCONSIN: Cold weather prevailed with temperatures averaging around 5° below normal. Afternoon highs ranged from upper teens to upper 30's. Overnight lows were near zero or below, with coldest readings on the 9th. Precipitation was sparse over the northwest but two snowfalls occurred south. A snow shower produced 2 to 4 in. on the 5th and heavy, wet snow of 5 to 8 in. fell on 6th. A substantial snow cover now exists throughout the State.

WYOMING: Beneficial moisture all areas except northern part of Big Horn Drainage where only traces recorded. In Cheyenne-Niobrara Drainage 0.50 to 0.75 in. Temperatures averaged 2 to 14° above normal. Maximum temperatures 60's Lower Platte Drainage, but 40's and 50's most common. Lowest temperatures between 10 and 20°.

Calving, lambing progressed, shearing farm flocks underway some areas. Livestock wintered well with no unusual death loss. Supplemental feeding continued. Moisture conditions improved except southeast where spring moisture needed for winter wheat. Irrigation water prospects improved considerably past north.



FEBRUARY WEATHER SUMMARY

HIGHLIGHTS: Precipitation was well above normal east of line from Duluth, Minn. to El Paso, Texas except for Florida and the Gulf Coast. Brownsville, Texas received only 0.09 in., 7% of normal. The Pacific Northwest was also well above normal. Eastern Montana, western North Dakota, all of South Dakota and Nebraska western Kansas and eastern Colorado and most of Utah were well below normal.

The Mississippi River divided the Nation in the distribution of average temperatures for the month with above normal temperatures to the East. Most of Kansas, Nebraska, Wyoming and Montana averaged at least 6° below normal due primarily to extremely cold temperatures early in the month. Most of Florida averaged at least 6° above normal.

PRECIPITATION: Three storm systems moved across the Nation during the first week of February, producing some precipitation in most areas. Heaviest amounts fell in the Southeast and along the Pacific Coast.

The same distribution of rainfall occurred the week of the 10-16th with very heavy rains in Louisiana, Mississippi, Alabama and Georgia. Amounts of 3.00 to 4.00 in. were common in this area. Violent weather was associated with the heavy rains. Tornadoes were reported at Innis, La., Rolling Fork, Miss. and Bay Minette, Ala.

A storm packing heavy precipitation, tornadoes and high winds cut a path from eastern Oklahoma through the Ohio Valley the week ending the 23rd, dumping precipitation in excess of 3.00 in. across a widespread area including Illinois, Indiana, Kentucky and Ohio. In the Southeast, other storms dropped 2.00 to 5.00 in. of rain on water soaked soils. Heavy snow fell from eastern Oklahoma to northern Illinois,

In the final week of February, precipitation was sparse with significant amounts limited to the Washington-Oregon coast and the New England area. As the storm mentioned above moved north-eastward it was accompanied by high winds. Gusts of over 60 mph were reported at Chicago.

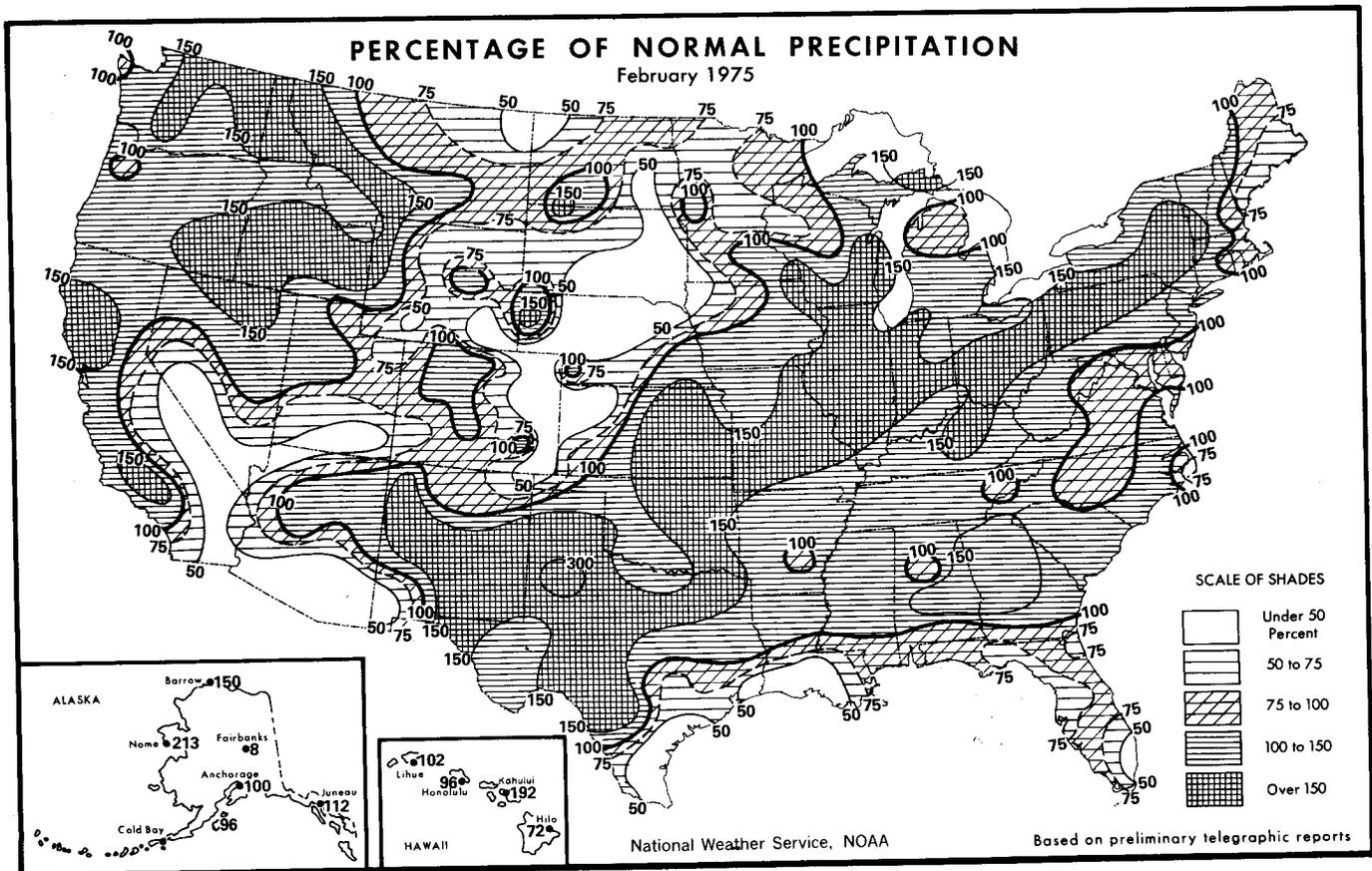
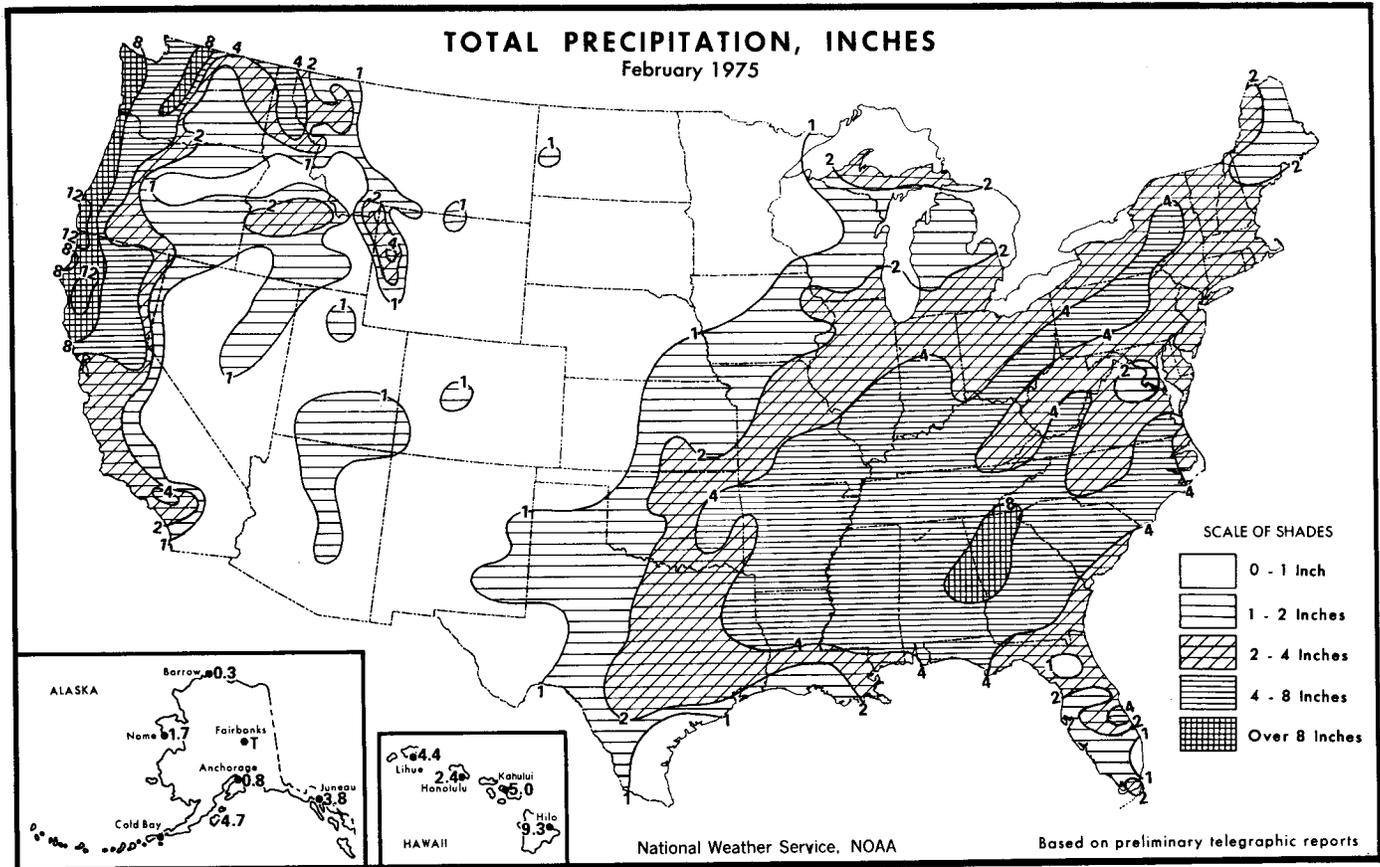
TEMPERATURE: In the coldest spell of the winter, bitter cold temperatures moved into the northern Rockies during late January and continued until mid-February. Temperatures moderated considerably at month's end, but the average for the month was below normal in most of the western two-thirds of the Nation.

During the week ending the 9th, temperatures averaged at least 24° below normal over most of Montana and well below normal all the way into south Texas. Helena, Mont. averaged only -6°, which is 29° below normal. Most of the remainder of the Nation was also below normal.

The cold weather in Montana and the central and northern Great Plains continued for a third week. However most Southern States warmed to above normal readings.

Most of the eastern United States experienced near or above normal temperatures during the week ending the 23rd. The greatest above normal readings occurred in the eastern Corn Belt, and New England where temperatures averaged at least 12° above normal. The coldest departures occurred in the southern Great Plains where parts of Texas, Oklahoma and New Mexico averaged 12° below normal.

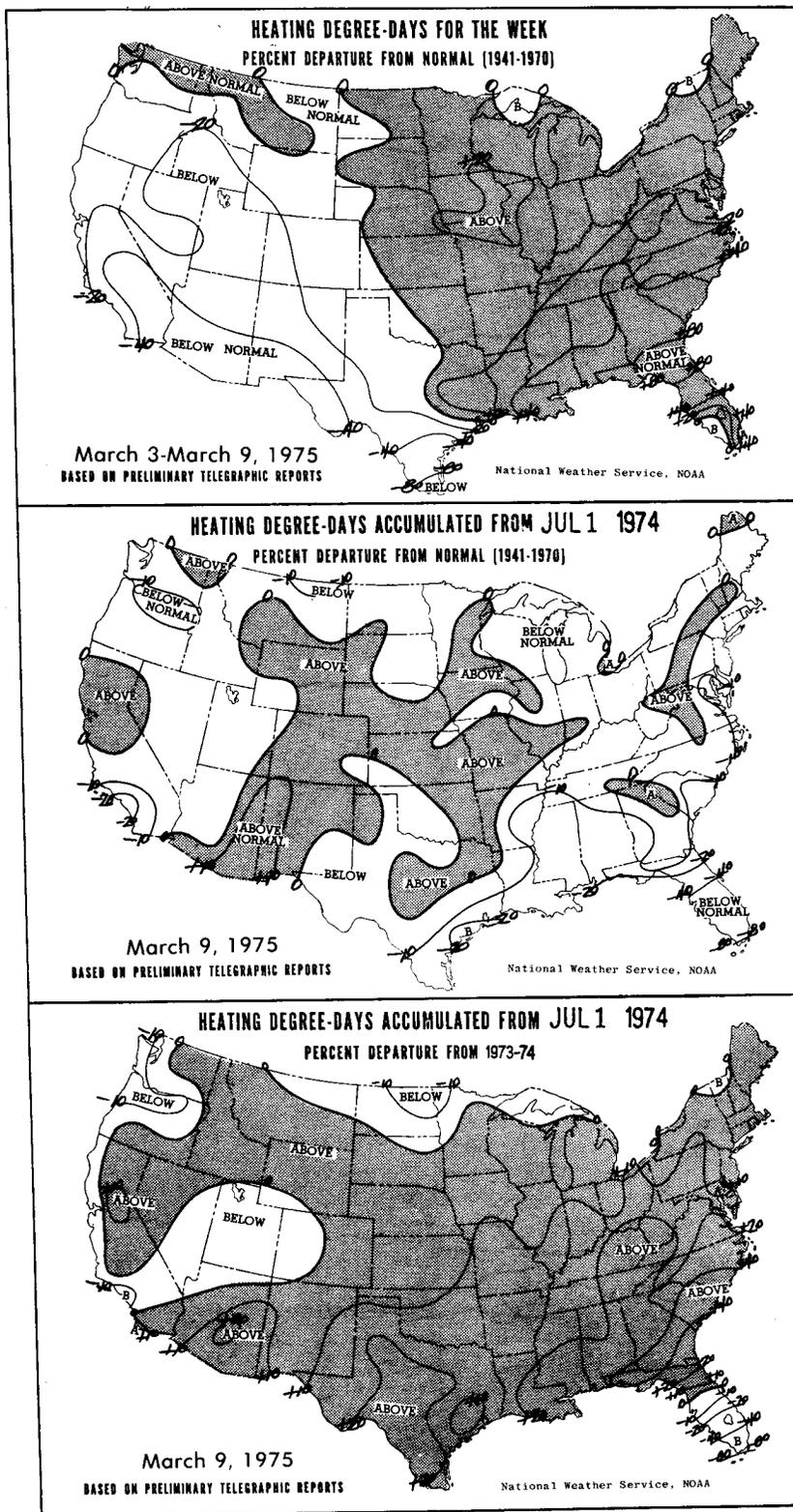
Except for an area from Minnesota to the Gulf Coast, the Nation ended the month with well above normal temperatures in most areas. Most of the western Great Plains averaged 3 to 6° above normal.



Temperature and Precipitation Data for February, 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 . . .	50	+ 3	5.0	-.3	La. Baton Rouge . . .	57	+ 3	1.4	-3.4	Youngstown	29	+ 2	3.1	+ .7
Mobile	60	+ 6	3.8	-1.0	Lake Charles	57	+ 2	1.1	-3.4	OKLA. Okla. City . . .	37	- 4	1.9	+ .6
Montgomery	54	+ 3	7.8	+3.5	New Orleans	59	+ 3	3.6	-1.2	Tulsa	37	- 4	3.4	+1.7
ALASKA. Anchorage . .	13	- 5	.8	0	Shreveport	48	- 3	4.5	+ .8	OREG. Astoria	43	- 1	8.0	+ .2
Barrow	-14	+ 5	.3	+ .1	MAINE. Caribou	12	- 1	1.7	- .4	Burns	30	- 1	1.8	+ .6
Fairbanks	- 3	0	T	-.5	Portland	25	+ 2	2.5	-1.0	Medford	42	+ 1	2.6	+ .4
Juneau	25	- 3	3.8	+ .4	MD. Baltimore	39	+ 4	2.5	-.3	Pendleton	39	0	1.3	+ .2
Kodiak	31	0	4.7	-.2	MASS. Boston	32	+ 2	3.4	-.1	Portland	41	- 2	4.8	+ .7
Nome	2	- 3	1.7	+ .9	Chatham	33	- -	3.9	- - -	Salem	42	- 1	4.7	-.1
ARIZ. Flagstaff	28	- 3	1.9	+ .4	MICH. Alpena	22	+ 4	1.3	- .1	PA. Allentown	32	+ 3	3.6	+ .8
Phoenix	54	- 1	.3	-.3	Detroit	28	+ 1	2.7	+ .9	Erie	28	+ 3	3.3	+1.2
Tucson	51	- 3	.1	-.6	Flint	27	+ 3	2.0	+ .4	Harrisburg	32	0	3.1	+ .7
Winslow	37	- 2	.4	0	Grand Rapids	24	- 1	1.9	+ .4	Philadelphia	36	+ 2	2.9	+ .3
Yuma	57	- 2	T	-.3	Houghton Lake	21	+ 3	1.1	-.1	Pittsburgh	32	+ 3	4.6	+2.2
ARK. Fort Smith	40	- 3	3.7	+ .5	Lansing	26	+ 2	2.1	+ .5	Scranton	32	+ 4	3.3	+1.3
Little Rock	45	+ 2	4.4	0	Marquette	23	+ 3	2.1	+ .6	R. I. Providence	30	+ 1	3.3	-.2
CALIF. Bakersfield . . .	54	+ 2	1.6	+ .6	Muskegon	26	+ 1	2.0	+ .2	S. C. Charleston	55	+ 4	3.5	+ .2
Eureka	48	0	7.7	+2.5	S. Ste. Marie	18	+ 3	2.3	+ .8	Columbia	52	+ 4	6.4	+2.7
Fresno	50	0	1.0	-.7	MINN. Duluth	12	0	.8	-.1	Greenville	47	+ 3	5.8	+1.4
Los Angeles	56	- 2	3.6	+ .8	Internat Falls	7	0	.5	- .2	S. D. Aberdeen	15	0	.3	-.3
Red Bluff	48	- 2	5.7	+2.5	Minneapolis	16	- 1	.8	0	Huron	16	- 2	.2	-.6
San Diego	56	- 1	1.0	-.5	Rochester	15	- 2	.8	+ .1	Rapid City	18	- 8	.4	-.2
San Francisco	51	0	3.9	+ .9	St. Cloud	12	- 1	.4	-.4	Sioux Falls	17	- 2	.2	-.8
Stockton	49	0	2.2	+ .1	MISS. Jackson	53	+ 3	6.2	+1.6	TENN. Chattanooga	44	+ 1	6.3	+1.1
COLO. Denver	31	- 2	.4	-.3	Meridian	52	+ 2	6.3	+1.4	Knoxville	46	+ 3	4.7	0
Grand Junction	33	- 1	.5	-.1	MO. Columbia	28	- 6	3.0	+1.2	Memphis	46	+ 2	5.5	+ .8
Pueblo	34	- 1	.2	-.1	Kansas City	28	- 5	1.6	+ .3	Nashville	45	+ 4	5.2	+ .8
CONN. Bridgeport	32	+ 1	3.1	+ .4	St. Louis	32	- 3	3.6	+1.5	TEX. Abilene	45	- 3	1.9	+ .9
Hartford	30	+ 3	3.2	0	Springfield	34	- 3	3.9	+1.7	Amarillo	35	- 5	1.3	+ .7
D. C. Washington	41	+ 4	1.6	- .9	MONT. Billings	18	- 9	.8	+ .2	Austin	52	- 1	2.3	-.8
FLA. Apalachicola	60	+ 4	3.4	-.4	Glasgow	13	- 2	.2	-.1	Beaumont	55	0	1.6	-2.6
Daytona Beach	66	+ 6	2.3	-.6	Great Falls	13	-14	.7	-.1	Brownsville	64	+ 1	.1	-1.4
Ft. Myers	71	+ 6	1.8	-.2	Havre	11	- 7	.3	-.1	Corpus Christi	60	0	.4	-1.6
Jacksonville	61	+ 5	2.6	-1.0	Helena	14	-11	.7	+ .3	Del Rio	55	- 1	1.9	+ .9
Key West	75	+ 3	1.6	-.3	Kalispell	19	- 6	1.5	+ .5	El Paso	49	+ 1	.6	+ .2
Lakeland	68	+ 6	2.1	-.4	Miles City	17	- 5	.4	-.1	Fort Worth	47	- 2	3.7	+1.3
Miami	73	+ 5	.9	-1.1	Missoula	22	- 5	1.8	+1.1	Galveston	58	+ 2	1.8	-.9
Orlando	68	+ 6	1.5	-1.5	NEBR. Grand Island . . .	21	- 7	.5	-.3	Houston	55	0	2.6	-.9
Tallahassee	58	+ 3	2.9	-1.9	Lincoln	20	- 8	1.3	+ .4	Lubbock	41	- 2	1.5	+1.0
Tampa	67	+ 5	1.6	-1.3	Norfolk	19	- 5	.4	-.4	Midland	48	0	.7	+ .1
W. Palm Beach	72	+ 6	.7	-1.9	N. Platte	23	- 5	.2	-.3	San Angelo	48	- 2	1.3	+ .5
GA. Atlanta	47	+ 2	9.0	+4.6	Omaha	22	- 4	1.1	+ .1	San Antonio	54	- 1	3.3	+1.2
Augusta	50	+ 2	5.2	+1.4	Valentine	19	- 6	.2	-.3	Victoria	58	+ 1	.5	-1.8
Macon	53	+ 3	7.0	+2.6	NEV. Ely	28	0	.8	+ .2	Waco	47	- 4	2.9	+ .5
Savannah	58	+ 6	3.0	+ .1	Las Vegas	49	0	.1	-.2	Wichita Falls	42	- 4	1.7	+ .5
HAWAII. Hilo	72	+ 1	9.3	-3.6	Reno	34	- 3	1.7	+ .8	UTAH. Blanding	31	- 2	.3	-.6
Honolulu	73	+ 1	2.4	-.1	Winneumucca	35	+ 1	.9	+ .1	Salt Lake City	36	+ 3	1.2	0
Kahului	72	0	5.0	+2.4	N. H. Concord	22	- 1	2.4	-.1	VT. Burlington	21	+ 2	2.0	+ .3
Lihue	71	0	4.4	+ .1	N. J. Atlantic City	37	+ 3	3.1	-.3	VA. Lynchburg	40	+ 2	2.7	-.1
IDAHO. Boise	37	+ 1	2.6	+1.4	Trenton	36	+ 3	3.0	+ .3	Norfolk	45	+ 4	4.2	+ .9
Lewiston	35	- 3	1.5	+ .6	N. MEX. Albuquerque . . .	38	- 2	1.0	+ .6	Richmond	41	+ 2	3.0	0
Pocatello	28	- 1	1.5	+ .7	Roswell	42	- 1	1.1	+ .7	Roanoke	44	+ 6	3.1	0
ILL. Cairo	40	0	4.5	+ .7	N. Y. Albany	25	+ 1	3.6	+1.5	WASH. Colville	26	- 5	2.5	+1.1
Chicago	27	0	2.3	+ .7	Binghamton	25	+ 2	4.0	+1.7	Omak	21	- 9	1.7	+ .6
Moline	25	- 1	1.8	+ .5	Buffalo	29	+ 5	2.9	+ .3	Quillayute	40	- 1	11.9	-.1
Peoria	26	- 2	2.9	+1.4	New York	36	+ 3	3.2	+ .1	Seattle-Tacoma	41	- 1	5.8	+1.6
Rockford	23	- 1	2.0	+ .7	Rochester	28	+ 3	2.8	+ .4	Spokane	25	- 7	3.1	+1.4
Springfield	29	- 1	3.6	+1.8	Syracuse	28	+ 3	3.1	+ .3	Walla Walla	37	- 3	1.6	+ .2
IND. Evansville	38	+ 2	4.1	+ .8	N. C. Asheville	43	+ 4	4.6	+1.0	Yakima	33	- 3	1.2	+ .4
Ft. Wayne	28	0	2.1	0	Charlotte	45	+ 1	3.5	-.3	W. Va. Beckley	37	+ 4	4.3	+1.0
Indianapolis	32	+ 1	4.1	+1.7	Greensboro	44	+ 3	3.2	-.2	Charleston	38	+ 1	3.1	0
South Bend	28	+ 2	3.3	+1.4	Hatteras	52	+ 6	3.0	-1.2	Huntington	40	+ 4	3.1	+ .2
IOWA. Burlington	26	- 1	3.0	+1.7	Raleigh	44	+ 2	2.9	-.4	Parkersburg	38	+ 3	3.8	+1.0
Des Moines	22	- 2	1.5	+ .4	Wilmington	52	+ 4	5.1	+1.7	WIS. Green Bay	18	0	1.5	+ .5
Dubuque	20	- 2	2.5	+1.2	N. DAK. Bismarck	13	- 1	.5	+ .1	La Crosse	18	- 2	1.6	+ .7
Sioux City	19	- 4	.3	-.6	Fargo	10	- 1	.3	-.1	Madison	21	+ 1	1.5	+ .5
KANS. Concordia	26	- 6	1.5	+ .6	Williston	12	- 2	.1	-.4	Milwaukee	24	+ 1	2.5	+1.4
Dodge City	30	- 5	.6	0	OHIO. Akron-Canton	31	+ 3	3.6	+1.4	WYO. Casper	21	- 6	.5	0
Goodland	29	- 3	.1	-.3	Cincinnati	37	+ 4	3.4	+ .4	Cheyenne	25	- 4	.2	-.3
Topeka	29	- 4	1.7	+ .7	Cleveland	30	+ 2	3.2	+1.0	Lander	23	- 3	.4	-.3
Wichita	29	- 7	2.1	+1.1	Columbus	33	+ 3	3.5	+1.2	Sheridan	16	-10	.5	-.3
KY. Lexington	40	+ 5	5.7	+2.3	Dayton	34	+ 4	4.0	+1.8	P. R. San Juan	77	+ 2	.7	-1.8
Louisville	40	+ 4	4.5	+1.0	Toledo	28	+ 1	2.6	+ .8					

Based on 1941-70 Normals



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 Mar. 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	145	38	2191	-267	349	Portland	275	17	5340	-308	208	Tulsa	162	21	3175	44	336
Mobile	95	31	1222	-285	336	MD.Baltimore	196	16	3410	-415	-28	OREG.Astoria	144	-3	3357	-323	-556
Montgomery	116	33	1720	-275	315	MASS.Boston	221	10	4112	-212	183	Burns	188	-28	5131	-233	-48
ARIZ.Flagstaff	178	-51	5205	-89	262	MICH.Alpena	297	-2	5978	-372	-9	Medford	131	-19	3460	-250	93
Phoenix	11	-41	1272	-103	208	Detroit	261	27	5048	-38	319	Pendleton	136	-25	3341	-736	-397
Tucson	29	-36	1719	238	205	Flint	276	22	5138	-285	128	Portland	132	-9	3058	-495	-273
Winslow	114	-43	4167	343	221	Grand Rapids	279	27	5527	258	491	Salem	143	-4	3210	-333	-418
Yuma	11	-18	942	19	52	Houghton Lake	320	22	6087	-257	123	PA.Allentown	225	10	4388	-220	339
ARK.Fort Smith	146	18	2995	113	407	Lansing	274	21	5300	-57	143	Erie	263	13	4954	-204	424
Little Rock	137	8	2533	-358	297	Marquette	283	-6	5881	-296	-109	Harrisburg	218	24	4183	-51	504
CALIF.Bakersfield	20	-49	1704	-142	110	Muskegon	271	19	5132	-113	36	Philadelphia	202	17	3568	-333	73
Eureka	106	-13	3170	-3	-128	S. Ste. Marie	330	15	6758	-72	15	Pittsburgh	248	32	4380	-326	406
Fresno	64	-24	2192	14	101	MINN.Duluth	353	29	7525	106	72	Scranton	240	10	4508	-433	-232
Los Angeles	49	-14	860	-391	-155	Internatl Falls	393	43	7854	-337	-69	R.I.Providence	239	20	4376	-184	277
Red Bluff	89	-2	2348	199	69	Minneapolis	325	31	6359	-213	165	S.C.Charleston	130	46	1676	-206	540
San Diego	43	-12	945	-139	102	Rochester	354	60	6501	30	253	Columbia	146	45	2012	-263	680
San Francisco	77	-12	2209	45	-82	St. Cloud	347	37	7046	59	223	Greenville	168	46	2684	-15	439
Stockton	72	-23	2344	92	242	MISS.Cloud	117	29	1780	-242	312	S.DAK.Aberdeen	305	5	6318	-497	-507
COLO.Denver	183	-29	4639	75	77	Meridian	126	38	1843	-262	505	Huron	303	16	6176	-214	120
Grand Junction	135	-51	4647	95	-416	MO.Columbia	226	36	4438	286	533	Rapid City	272	14	5586	-43	277
Pueblo	166	-28	4278	-10	127	Kansas City	224	31	4459	229	410	Sioux Falls	298	20	6127	-95	244
CONN.Bridgeport	229	17	3945	-204	249	St. Louis	214	35	4136	220	382	TENN.Chattanooga	187	57	3057	81	690
Hartford	234	3	4772	-199	341	Springfield	194	22	3839	82	548	Knoxville	192	61	2852	-93	498
DEL.Wilmington	200	13	3701	-248	294	MONT.Billings	266	21	5611	110	432	Memphis	153	29	2433	-346	313
D.C.Washington	176	13	3041	-429	357	Glasgow	286	-24	6297	-679	-383	Nashville	174	33	2859	-275	436
FLA.Apalachicola	91	39	931	-293	214	Great Falls	301	42	5740	2	120	TEX.Abilene	84	-12	2354	88	432
Daytona Beach	63	26	524	-285	51	Havre	280	-18	6184	-657	-177	Amarillo	142	-13	3444	27	384
Ft. Myers	15	-3	146	-287	-87	Helena	268	9	6233	40	270	Austin	57	-7	1449	-105	217
Jacksonville	113	60	1048	-148	-245	Kalispell	266	-6	6234	-210	336	Brownsville	3	-25	495	-104	57
Key West	0	0	7	-55	-34	Miles City	265	-5	5812	-352	147	Corpus Christi	17	-18	764	-93	125
Lakeland	45	18	364	-259	-5	Missoula	218	-22	5703	-324	88	Del Rio	37	-11	1319	-89	279
Miami	10	3	59	-141	-72	NEBR.Grand Island	259	27	5385	265	278	El Paso	27	-64	2387	7	108
Orlando	46	17	374	-272	-19	Lincoln	272	45	5338	317	225	Fort Worth	89	-3	1940	-139	204
Tallahassee	110	53	1396	-21	446	Norfolk	273	19	5576	9	285	Galveston	45	-9	805	-282	100
Tampa	45	16	379	-279	-19	North Platte	252	16	5522	250	111	Houston	54	-1	1051	-243	1
W. Palm Beach	15	3	107	-183	-64	Omaha	271	47	5206	291	282	Lubbock	121	-12	2977	-14	514
GA.Atlanta	170	51	2447	-189	519	Valentine	262	0	5591	-77	225	Midland	73	-23	2110	-189	159
Augusta	155	59	2292	65	651	NEV.Ely	201	-39	5554	-150	-157	Beaumont	72	14	1211	-148	155
Macon	136	52	1810	-170	477	Las Vegas	53	-34	2098	-156	-168	San Angelo	74	-6	1986	3	398
Savannah	117	44	1381	-347	293	Reno	164	-18	4527	56	253	San Antonio	43	-14	1404	-16	230
IDAHO.Boise	136	-45	4217	-280	125	Winnemucca	143	-60	4855	-81	373	Victoria	24	-23	868	-246	95
Lewiston	157	-10	3882	-355	-158	N.H.Concord	283	27	5930	248	368	Waco	95	16	1902	77	375
Pocatello	175	-49	5358	-12	94	N.J.Atlantic City	211	21	3758	-154	356	Wichita Falls	99	-11	2458	-56	364
ILL.Cairo	175	26	3215	-48	363	Trenton	207	17	3664	-273	142	UTAH.Salt Lake C	122	-73	4372	-278	-139
Chicago	256	30	4820	-40	254	N.MEX.Albuquerque	120	-32	3838	284	139	VT.Burlington	279	-4	5745	-331	-65
Moline	296	60	5140	-13	251	Roswell	102	-27	3065	-107	382	VA.Lynchburg	195	34	3478	-14	552
Peoria	267	43	4947	30	332	N.Y.Albany	269	17	5459	53	206	Norfolk	166	25	2523	-337	369
Rockford	304	58	5406	-35	338	Binghamton	302	38	5608	30	582	Richmond	178	27	3233	-44	580
Springfield	228	20	4459	-68	358	Buffalo	277	21	4870	-384	-19	Roanoke	200	40	3460	-60	602
IND.Evansville	185	12	3670	-168	511	New York	206	12	3640	-221	187	WASH.Quillayute	167	6	3923	-221	-518
Fort Wayne	244	18	4840	-69	277	Rochester	272	20	4997	-159	285	Seattle-Tacoma	151	-3	3518	-248	-64
Indianapolis	224	20	4449	-53	625	Syracuse	263	13	5040	-99	91	Spokane	230	23	5306	95	225
South Bend	256	20	4630	-432	331	N.C.Asheville	203	48	3266	-187	565	Walla Walla	159	-11	3518	-314	-77
IOWA.Burlington	280	54	4990	22	351	Hatteras	156	36	1898	-298	439	Yakima	170	-6	4372	-348	-95
Des Moines	277	29	5232	-159	322	Charlotte	158	33	2788	47	530	W.VA.Beckley	248	50	4316	-117	741
Dubuque	340	79	5850	72	328	Greensboro	176	30	2968	-241	234	Charleston	231	61	3911	152	836
Sioux City	279	25	5646	46	519	Raleigh	177	41	2948	-13	712	Huntington	201	29	3690	-90	658
KANS.Concordia	242	36	4542	8	162	Wilmington	141	43	1926	-177	564	Parkersburg	215	35	3923	-5	611
Dodge City	189	-2	4058	-13	187	N.Dak.Bismarck	310	-5	7093	-2	-251	WIS.Green Bay	327	40	6228	-50	334
Goodland	218	-2	4801	48	106	Fargo	379	54	6760	-556	-767	LaCrosse	323	51	5915	-13	294
Topeka	210	17	4323	35	179	Williston	316	1	6871	-291	-314	Madison	318	44	5707	-340	27
Wichita	195	20	4001	130	179	OHIO.Akron-Canton	246	17	4553	-313	408	Milwaukee	294	30	5410	-287	237
KY.Lexington	213	36	3722	-148	612	Cleveland	256	27	4610	-166	565	WYO.Casper	233	-22	5919	293	237
Louisville	187	12	3548	-267	562	Columbus	236	28	4258	-307	472	Cheyenne	227	-18	5578	262	300
LA.Baton Rouge	90	29	1273	-236	318	Cincinnati	218	29	4094	-12	485	Lander	217	-37	5974	14	130
Lake Charles	80	22	1181	-167	188	Dayton	219	10	4293	-221	332	Sheridan	257	-1	6014	213	368
New Orleans	80	25	1132	-189	284	Toledo	251	20	4963	-49	170						
Shreveport	96	15	1939	27	259	Youngstown	258	22	4877	-118	398						
MAINE.Caribou	332	13	7322	52	186	OKLA.Okla City	144	2	3130	-1	335						

* Based on 1941-70 Normals.

† Accumulation July 1, 1974

SPRING FROST DATES

One of the major considerations in determining when to plant is what is the chance of another spring frost occurring. As a guide to both the agricultural producer and the home gardener, the maps originally prepared by J.J. Rahn and first published in the Weekly Weather and Crop Bulletin in 1970 are reprinted below. The 50% probability map is comparable to the average frost date. In other words, the last spring temperature of 32° or less will occur before this date half the time, and after this date half the time. The 25% probability map gives the date after which 32° or less will occur only 1 year in 4 on the average.

These maps were prepared from material provided by various State and Federal government agencies. The scale required considerable smoothing, so the maps do not account for local, small scale differences. However, growers who have been in an area for some time are usually aware of the local temperature characteristics. These maps differ somewhat from corresponding maps in standard climatological atlases because more weight has been given to the rural stations which more nearly reflect conditions in farming areas. No analysis was attempted in mountainous areas.

For the home gardeners who live in urban areas the following table may be useful. The table gives the average date of the last 32° in the spring and the first 32°F. in the fall for selected major cities. Gardeners should again take into account differences between the temperatures normally reported from the local weather station and the area where they are putting their garden. If temperatures at or near their homes are usually cooler than the reporting stations, the average frost

date is probably a few days later in the spring and a few days earlier in the fall.

City	Average Date	
	Last 32° Spring	First 32° Fall
Atlanta, Ga.	March 24	November 13
Columbia, S. Car.	April 1	November 4
Charlotte, N. Car.	March 21	November 15
Roanoke, Va.	April 5	October 22
Baltimore, Md.	April 15	October 26
Harrisburg, Pa.	April 10	October 28
Pittsburgh, Pa.	April 21	October 20
Albany, New York	April 27	October 13
Worcester, Mass.	April 26	October 15
Boston, Mass.	April 8	November 7
Providence, R.I.	April 14	October 24
Hartford, Conn.	April 22	October 15
Toledo, Ohio	April 27	September 24
Columbus, Ohio	April 16	October 31
Chicago, Ill.	April 29	October 12
Louisville, Ky.	April 10	October 25
Indianapolis, Ind.	April 23	October 22
Des Moines, Iowa	April 23	October 10
Norfolk, Neb.	May 3	October 4
Minneapolis-St. Paul Minn.	April 29	October 13

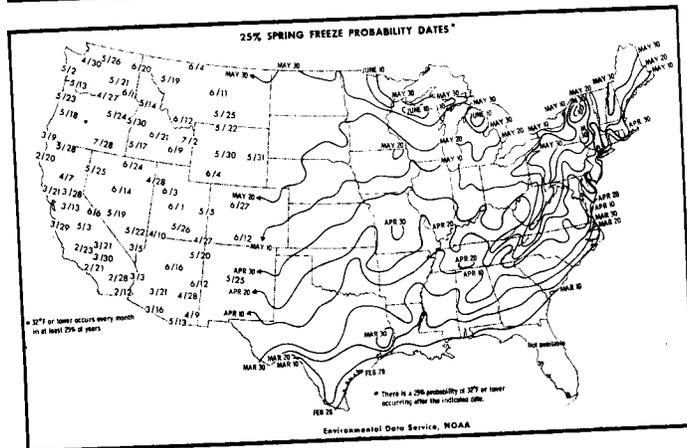
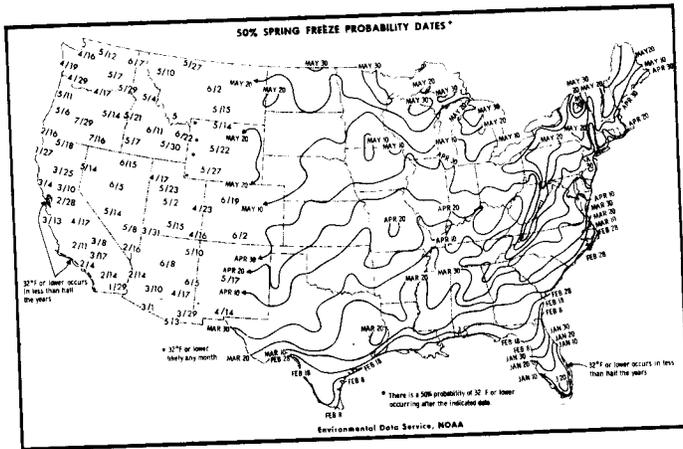
WATER SUPPLY OUTLOOK FOR THE WESTERN UNITED STATES Issued as of March 1, 1975

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 March 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	75,300	104
Columbia	The Dalles, OR	119,000	105
Snake	Lower Granite, WA	23,700	106
Sacramento	Red Bluff, CA	7,000	78
San Joaquin	Big Creek, CA	1,000	77
Weber	Gateway, UT	367	109
Jordan	Utah Lake, UT	335	104
Truckee	L. Tahoe-Farad	260	81
Colorado	L. Powell infl.	9,600	115
Green	Green River, UT	3,520	105
San Juan	Bluff, UT	1,465	130
Little Colo.	Woodruff, AZ	5.4	63
Gila	Solomon, AZ	52	51
Rio Grande	San Marcial, NM	512	127
Arkansas	Pueblo, CO	448	122
Missouri	Ft. Peck, MT	4,660	98
Yellowstone	Sidney, MT	7,140	102
North Platte	Glendo, WY	835	101

1/ Period, 1958-72

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Heating Degree Days (Base 65° F.)

February, 1975

ALA. Birmingham . . .	412	MAINE, Caribou . . .	1498	OKLA. Okla. City . .	792
Mobile . . .	182	Portland . . .	1112	Tulsa . . .	780
Montgomery . . .	303	MD. Baltimore . . .	720	OREG. Astoria . . .	607
ALASKA, Anchorage .	1454	MASS. Boston . . .	918	Burns U. . .	967
Barrow . . .	2203	Chatham . . .	904	Medford . . .	642
Fairbanks . . .	1918	MICH. Alpena . . .	1198	Pendleton . . .	721
Juneau . . .	1129	Detroit . . .	1044	Portland . . .	660
Nome . . .	1760	Flint . . .	1055	Salem . . .	641
ARIZ. Flagstaff . . .	1043	Grand Rapids . . .	1133	PA. Allentown . . .	919
Phoenix . . .	301	Houghton Lake . . .	1234	Erie . . .	1016
Tucson . . .	393	Lansing . . .	1085	Harrisburg . . .	903
Winslow . . .	763	Marquette U . . .	1165	Philadelphia . . .	812
Yuma . . .	220	S. Ste. Marie . . .	1314	Pittsburgh . . .	916
ARK. Fort Smith . . .	699	MINN. Duluth . . .	1479	Scranton . . .	913
Little Rock . . .	566	Internatl Falls . . .	1629	R. I. Providence . . .	962
CALIF. Bakersfield . .	294	Minneapolis . . .	1379	S. C. Charleston . . .	294
Eureka U. . .	470	Rochester . . .	1385	Columbia . . .	365
Fresno . . .	419	St. Cloud . . .	1483	Greenville . . .	505
Los Angeles U . . .	255	MISS. Jackson . . .	348	S. DAK. Aberdeen . . .	1401
Red Bluff . . .	482	Meridian . . .	370	Huron . . .	1373
Stockton . . .	434	Vicksburg U . . .	---	Rapid City . . .	1318
San Diego . . .	237	MO. Columbia . . .	1005	Sioux Falls . . .	1351
San Francisco . . .	387	Kansas City . . .	1036	TENN. Chattanooga . . .	581
COLO. Denver . . .	975	St. Louis . . .	919	Knoxville . . .	542
Grand Junction . . .	888	Springfield . . .	851	Memphis . . .	521
Pueblo . . .	876	MONT. Billings . . .	1308	Nashville . . .	567
CONN. Bridgeport . . .	906	Glasgow . . .	1463	TEX. Abilene . . .	552
Hartford . . .	981	Great Falls . . .	1450	Amarillo . . .	826
D. C. Washington . . .	677	Havre . . .	1506	Austin . . .	356
FLA. Apalachicola . .	150	Helena . . .	1429	Beaumont . . .	276
Ft. Myers . . .	13	Kalispell . . .	1277	Brownsville . . .	90
Jacksonville . . .	153	Miles City . . .	1349	Corpus Christi . . .	167
Key West . . .	0	Missoula . . .	1184	Dallas . . .	---
Lakeland U. . .	44	NEBR. Grand Island . .	1221	Del Rio . . .	274
Miami . . .	5	Lincoln . . .	1250	El Paso . . .	445
Orlando . . .	44	Norfolk . . .	1275	Fort Worth . . .	508
Daytona Beach . . .	69	North Platte . . .	1160	Galveston U. . .	201
Tallahassee . . .	217	Omaha . . .	1189	Houston . . .	270
Tampa . . .	64	Valentine . . .	1284	Lubbock . . .	664
GA. Atlanta . . .	493	NEV. Ely . . .	1021	Midland . . .	468
Augusta . . .	415	Las Vegas . . .	446	San Angelo . . .	470
Macon . . .	338	Reno . . .	858	San Antonio . . .	317
Savannah . . .	232	Winnemucca . . .	844	Victoria . . .	206
IDAHO, Boise . . .	782	N. H. Concord . . .	1218	Waco . . .	495
Lewiston . . .	825	N. J. Atlantic City . . .	790	Wichita Falls . . .	628
Pocatello . . .	1021	Trenton U . . .	817	UTAH, Blanding R . . .	942
ILL. Cairo U. . .	695	N. MEX. Albuquerque . . .	748	Salt Lake City . . .	819
Chicago . . .	1059	Roswell . . .	626	VT. Burlington . . .	1235
Moline . . .	1114	N. Y. Albany . . .	1115	VA. Lynchburg . . .	701
Peoria . . .	1085	Binghamton . . .	1127	Norfolk . . .	547
Rockford . . .	1166	Buffalo . . .	1001	Richmond . . .	654
Springfield . . .	992	New York . . .	819	Roanoke . . .	683
IND. Evansville . . .	742	Rochester . . .	1017	WASH. Colville . . .	1080
Fort Wayne . . .	1035	Syracuse . . .	1026	Omak . . .	---
Indianapolis . . .	918	N. C. Asheville . . .	624	Quillayute . . .	684
South Bend . . .	1034	Charlotte . . .	554	Seattle-Tacoma . . .	671
IOWA, Burlington . . .	1091	Greensboro . . .	579	Spokane . . .	1122
Des Moines . . .	1185	Hatteras R. . .	378	Walla Walla U. . .	776
Dubuque . . .	1267	Raleigh . . .	589	Yakima . . .	889
Sioux City . . .	1277	Wilmington . . .	362	W. VA. Beckley . . .	794
KANS. Concordia . . .	1082	N. DAK. Bismarck . . .	1467	Charleston . . .	749
Dodge City . . .	975	Fargo . . .	1535	Huntington . . .	704
Goodland . . .	997	Williston U . . .	1470	Parkersburg U. . .	749
Topeka . . .	1008	OHIO, Akron-Canton . . .	940	WIS. Green Bay . . .	1297
Wichita . . .	1016	Cincinnati U. . .	774	Madison . . .	1304
KY. Lexington . . .	705	Cleveland . . .	962	Milwaukee . . .	1220
Louisville . . .	688	Columbus . . .	878	WYO. Casper . . .	1157
LA. Baton Rouge . . .	243	Dayton . . .	868	Cheyenne . . .	1230
Lake Charles . . .	242	Toledo . . .	1021	Lander . . .	1115
New Orleans . . .	210	Youngstown . . .	995	Sheridan . . .	1172
Shreveport . . .	457				

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