

Weekly Weather & Crop Bulletin

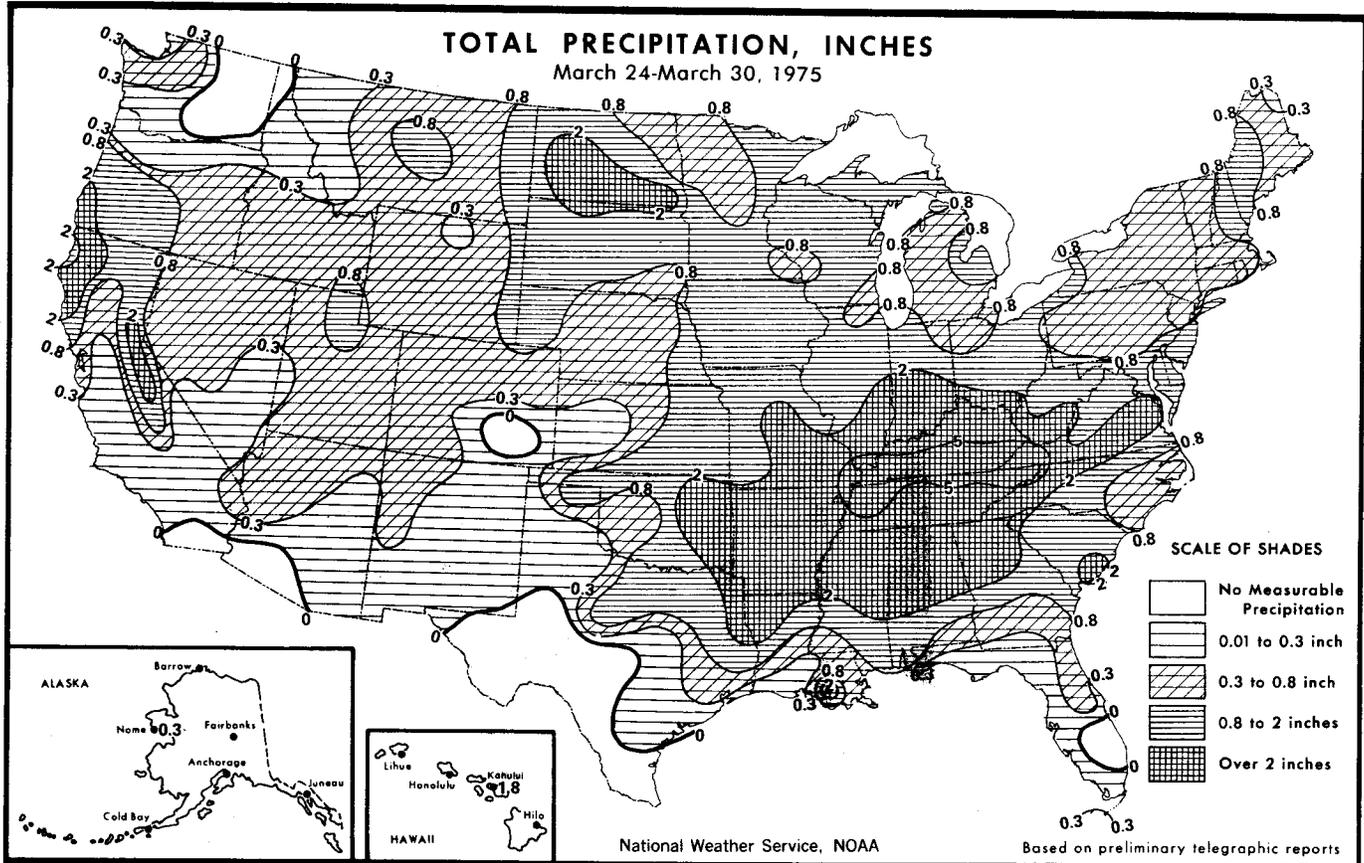
U. S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

U. S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

Volume 62, No. 13

April 1, 1975

Washington, D. C.



NATIONAL WEATHER SUMMARY

For the week of March 24-30

HIGHLIGHTS: Blizzard conditions plagued the Northern Plains early in the week and again on the 27th and 28th. Winds of over 50 mph and heavy snow blinded much of the Dakotas and Minnesota. Although the blizzard caused considerable damage and inconvenience, it did bring some much needed moisture to previously dry areas. Colder air moved southward behind each of the storms.

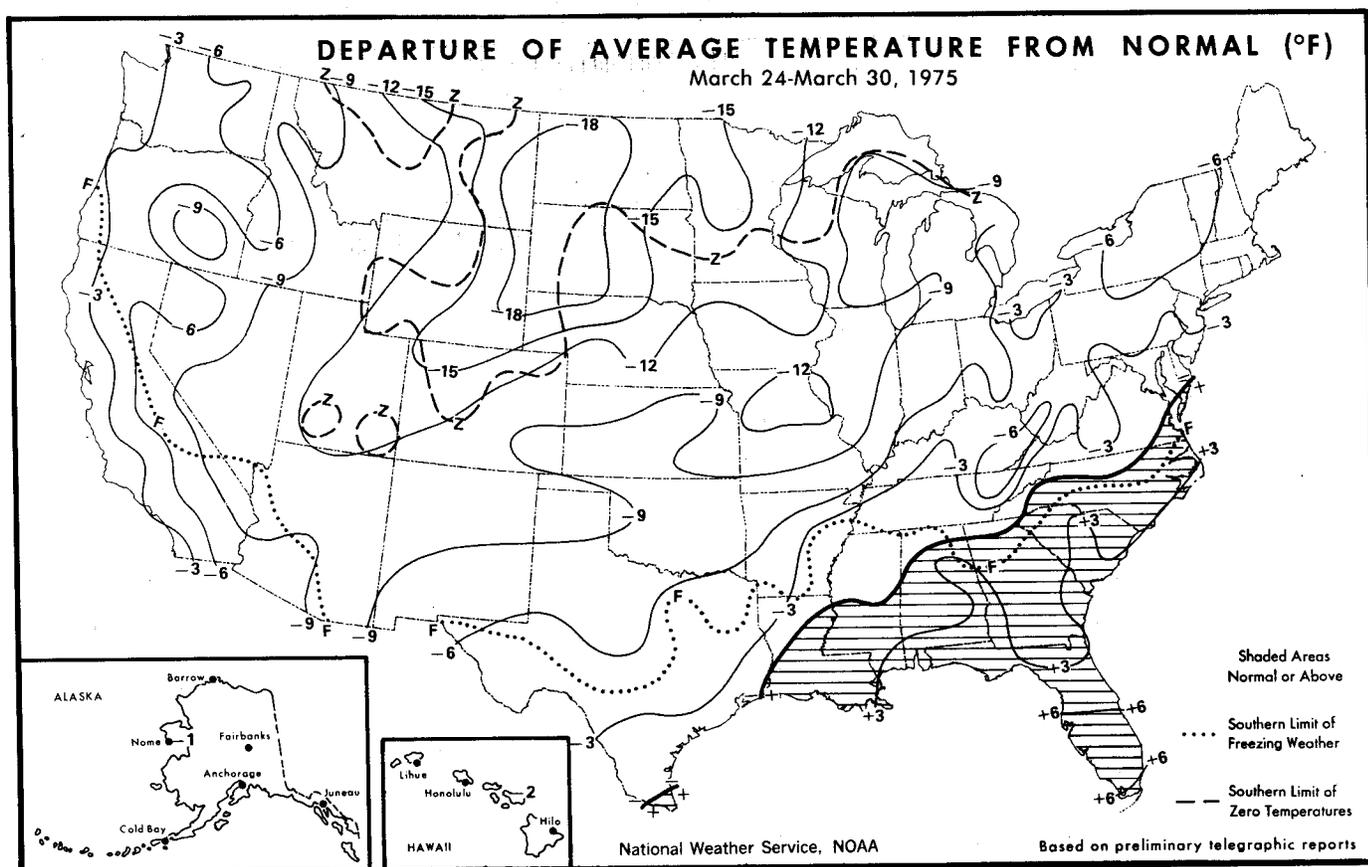
PRECIPITATION: Early Monday a deep low was centered over Iowa and moving northeastward. A front extended south from Michigan through Louisiana. A warm front reached from Michigan to North Carolina. Rain was falling in the Great Lakes area, freezing rain in Wisconsin and snow from Minnesota to Montana. Blizzard conditions existed in the eastern Dakotas as winds exceeded 50 mph, the temperature dropped into the teens and heavy snow fell.

Elsewhere, severe weather in the form of heavy showers and thunderstorms occurred ahead of the

front in the South. Tornadoes were reported near Columbus, Miss. and Huntsville, Ala.

The low center moved into southeastern Canada on Tuesday morning and the accompanying frontal system moved into the Atlantic. Snow continued in southeast Minnesota, Wisconsin and Iowa and snow showers in Illinois, Indiana and Michigan. A Pacific front moved onshore and advanced to southeast Oregon and central California. Rain fell in California with the larger amounts occurring in the north. Rain and snow showers accompanied the front into the mountains.

By Wednesday the intense low center had moved into the Atlantic but the strong circulation around it was causing snow showers south of the Great Lakes to the Allegheny Mountains. The low pressure system from the Pacific moved to south central Colorado and began deepening as cold air from Canada surged southward behind it. An area of snow in Montana and Wyoming was spreading into the Dako-



tas. Snow showers were reported throughout the western Rockies and into Arizona.

Thursday morning found the deep low in northwest Kansas with the cold air bound by a front that extended from the low center through central Texas. A warm front reached southeastward through Louisiana. A high pressure system in the East was holding firm causing strong circulation around the low. Rain fell north of the warm front from Oklahoma to southern Illinois and snow from northern Illinois westward to Montana and Wyoming. Colorado had some snow in all but the dry southeast and southwest Kansas had little precipitation.

Blizzard conditions accompanied the intense storm as it moved to eastern North Dakota Friday morning. Snow continued to fall from Montana to Wyoming to Upper Michigan as winds gusted to over 50 mph. Ten to sixteen inches of snow had been dumped in many parts of the Dakotas since Thursday morning. Rain moved eastward into Kentucky, Tennessee, Indiana, Ohio and West Virginia.

The storm moved into Canada north of Lake Superior on Saturday and the cold air had moved to a frontal boundary that extended from the low southward through Tennessee and Louisiana. A warm front extended from Lake Erie through northern Maryland. Snow was still falling west of the low to Minnesota and rain and thunderstorms occurred all along the front producing some hailstorms in the south. Flooding of some streams was reported in Kentucky, Tennessee and West Virginia. Another weather system was spreading snow from New Mexico across northwest Texas into Oklahoma.

The cold front made a wet Easter Sunday in much of eastern United States. Rain fell from southern New England to the mid-Atlantic states

and scattered thundershowers from the Carolinas to the central Gulf Coast. A new storm system was building in southwest Canada and is threatening the northern Plains with more snow.

TEMPERATURE: All but the extreme southeast United States had average temperatures below normal for the week. The area of greatest departure from normal was from the Dakotas to Utah where the week averaged 13 to 18° below normal.

The week began with a cold mass of air enveloping the west from Minnesota to Texas and westward. Minot, N.Dak. measured 4° below zero Monday morning. The cold air moved eastward and by Wednesday warmer air was moving northward into the plains. McAllen, Tex. measured 86° Wednesday afternoon. The warming was short lived as another surge of cold air swept southward behind the deepening low in Kansas on Thursday. By Friday the cold air had moved to the Mississippi River. The 20's reached as far south as northwestern Texas. In the east temperatures ranged from the 30's at the Canadian border to the 80's in Florida. Cold air continued to move into the west where Pacific Coast temperatures reached only from 50 to 60°.

By Easter Sunday the cold air had covered the Nation except for the Southeast. On Sunday the lowest temperature for so late in the season was recorded at Lubbock, Texas with an 18°. Winslow, Ariz. measured 14°. In contrast, a summery 90° was the high at Orlando, Fla.

NATIONAL AGRICULTURAL SUMMARY

For the Week of March 24-30

HIGHLIGHTS: Rain, snow, and blizzard conditions along with subnormal temperatures throughout much of the Nation stalled growth of existing crops in many areas and limited field activity. Planting of row crops made satisfactory progress in Texas, but elsewhere lags the normal pace. Adverse weather added stress to livestock and required heavy use of supplemental feeds. Snow and cold weather increased deaths of new born calves and lambs.

SMALL GRAINS: Winter wheat made good to excellent progress in Texas; growth accelerated in Oklahoma; and the crop was greening up in Kansas. However, elsewhere in the major winter wheat States, subnormal temperatures accompanied with either wet or dry conditions slowed greening and caused stress in many areas. Moisture shortages still exist in some areas of Texas, the Oklahoma Panhandle, western Kansas, Nebraska, and eastern Colorado and Wyoming. In Oklahoma, 19% of the wheat was jointing, 10 days later than in 1974. Greenbug infestation was heavy in the Panhandle. Growth was moderate in Kansas and some blowing occurred in western areas. Wind damage was also evident in western Nebraska, and scattered areas of eastern Colorado. Winter wheat started greening in Illinois, Indiana, and Ohio, but excess water was still causing problems. Wheat was mostly dormant in Montana and in fair to poor condition in eastern Colorado and Wyoming. Cold weather put stress on small plants in Washington and warmer weather was needed to break dormancy.

Small grains remained fairly stable in the Southeastern States, however, the added rainfall continued to slow top dressing and spraying. In Florida, small grains were heading out. Winter damage was light in Kentucky, but flood damage may be serious. Most areas need warm sunny days to aid small grain growth.

Spring seeding was delayed by rain or snow in several States. In Illinois, oat seeding was underway; in Missouri 10% done, much behind the 41% in 1974 and in Kansas 15% was finished against 55% normal pace. Barley was 20% seeded in Kansas, and 7% done in Colorado. The added moisture in North and South Dakota will favor the upcoming spring planting.

OTHER CROPS: Wet and cold weather restricted fieldwork over much of the Nation, except in the South and Southeastern States. Field preparations were behind schedule in most States and ranged up to 4 weeks late in Tennessee.

Corn planting advanced to 45% complete in Texas, compared with 39% last year, while Louisiana farmers have 15% of their corn planted and Georgia producers have 5%. Planting was underway in South Carolina, while early stands were in good condition in Florida.

Cotton planting was 9% done in Texas versus 7% a year earlier and slightly ahead of normal. Planting was 50% complete in the western areas of Arizona, while cotton in the Yuma area was up to stand. Planting slowed in California's San Joaquin Valley, but was increasing in the Desert.

Sorghum was 31% planted in Texas, slightly behind last year's pace and compares with the usual 25% planted. In Arizona, planting was limited.

In Louisiana, rice seedbed preparations were

active, while seeding was 20% finished against only 10% in 1974. Rice seeding in Texas was 40% done versus 52% a year ago and slightly ahead of the 38% normally done.

Tobacco seed bed preparations were making slow progress in Maryland, while some reseeded was necessary in Virginia. Flue-cured plant beds were in mostly good condition in North Carolina and transplanting was underway in South Carolina. In Georgia, transplanting was 31% complete, behind last year's 41% and the average progress of 36%. Seed beds were 57% seeded in Tennessee, compared with 80% in 1974 and normal. Only one-third of the beds were seeded in Kentucky.

Sugarbeet planting was underway in Nebraska; slow in Colorado, and continuing in California and Washington. In Texas, 41% of the acreage has been planted.

FRUITS AND NUTS: Extremely cold temperatures slowed fruit tree development and caused much concern about possible freeze damage in several States. In Virginia, early variety peaches were blooming, with little or no damage to date. Apples were also beginning to bloom. Rain hampered spray programs.

Peach trees were in full bloom in Georgia and spraying was active.

Citrus grove condition was excellent in Florida, but rain is needed. Bloom was nearly complete.

Texas citrus harvest was rapidly coming to an end. Many fresh market packing sheds have already shut down. Trees in several areas have set a good fruit crop for next year, while others are still blooming. Most groves were extremely dry, requiring heavy irrigation.

Navel, lemon, and avocado harvests continue in California with good quality. Valencia's were developing well. Walnuts were budding, cherries, peaches, and prunes were blooming.

VEGETABLES: Shipments of sweet corn, cucumbers, peppers, and squash increased from Florida, as cabbage, celery, escarole, lettuce, tomatoes, and strawberries declined.

Onion supplies continue to increase while cabbage and carrot harvesting was in the late stages in the Lower Rio Grande Valley of Texas. Other crops were making good growth.

In California, lettuce peaked at Palo Verde, while in other areas, supplies of broccoli, cauliflower, carrots, and celery were in good volume. Planting tomatoes for processing increased.

Tomato transplanting was active in the South Carolina coastal area, along with planting cucumbers, snap beans, squash, and sweet corn.

PASTURES AND LIVESTOCK: Subnormal temperatures slowed pasture and range growth in many States. Blizzard conditions with snow or rain kept livestock throughout much of the Nation on available supplemental feed. Heavy culling continued in several areas. Pastures were greening in many southern areas, but soft conditions kept usage at a minimum. Pastures in Tennessee were short and had a high water content while pastures and ranges in Colorado were in poor to fair condition and generally little moisture was available.

Calving and lambing were well along in most areas and the winter storms during the week increased death losses of new born.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Mar. 30, 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 . . .	60	+ 3	2.3	+1.0	La. Baton Rouge . . .	64	+ 1	.3	-.9	Youngstown	36	- 4	.7	-.1
Mobile	66	+ 4	1.4	-.2	Lake Charles	64	+ 1	.1	-.7	OKLA. Okla. City . . .	44	- 8	.7	+ .1
Montgomery	61	+ 2	1.0	-.3	New Orleans	65	+ 2	.3	-.9	Tulsa	45	- 7	3.1	+2.4
ALASKA Anchorage . .	---	---	---	---	Shreveport	56	- 4	2.4	+1.4	OREG. Astoria	43	- 2	.1	-1.2
Barrow	---	---	---	---	MAINE. Caribou	25	- 3	.3	-.2	Burns	29	-10	.7	+ .5
Fairbanks	---	---	---	---	Portland	31	- 5	.7	-.1	Medford	43	- 3	1.1	+ .8
Juneau	---	---	---	---	MD. Baltimore	45	- 2	1.4	+ .6	Pendleton	43	- 3	.1	-.1
Kodiak	---	---	---	---	MASS. Boston	37	- 5	.8	-.1	Portland	45	- 2	T	-.7
Nome	9	- 1	.3	+ .2	Chatham	36	-	1.4	---	Salem	42	- 4	.2	-.6
ARIZ. Flagstaff . . .	25	-11	.6	+ .2	MICH. Alpena	24	- 7	.7	+ .2	PA. Allentown	39	- 3	.8	0
Phoenix	55	- 7	T	-.1	Detroit	33	- 7	.6	0	Erie	34	- 3	1.1	+ .4
Tucson	50	-10	.2	+ .1	Flint	31	- 6	.9	+ .3	Harrisburg	40	- 5	1.5	+ .2
Winslow	36	-11	.1	0	Grand Rapids	28	-10	.6	-.1	Philadelphia	43	- 3	1.0	+ .2
Yuma	58	- 8	T	0	Houghton Lake	24	- 8	.6	+ .2	Pittsburgh	39	- 4	.7	-.1
ARK. Fort Smith . . .	46	- 8	2.8	+1.9	Lansing	31	- 7	.7	+ .1	Scranton	37	- 3	.7	+ .1
Little Rock	51	- 3	3.2	+2.1	Marquette	24	- 8	1.5	+1.0	R. I. Providence . . .	36	- 5	.7	-.2
CALIF. Bakersfield . .	56	- 2	T	-.2	Muskegon	31	- 6	.7	+ .1	S. C. Charleston . . .	62	+ 3	2.1	+1.1
Eureka	47	- 2	.9	-.1	S. Ste. Marie	19	-10	1.5	+1.1	Columbia	62	+ 4	1.2	+ .2
Fresno	50	- 6	.2	-.2	MINN. Duluth	16	-13	1.6	+1.1	Greenville	54	0	1.6	+ .4
Los Angeles	56	- 4	T	-.4	Internatl Falls	14	-13	1.3	+1.0	S. D. Aberdeen	19	-14	1.6	+1.3
Red Bluff	51	- 4	.4	-.1	Minneapolis	21	-13	1.0	+ .6	Huron	20	-15	1.5	+1.2
San Diego	58	- 1	0	-.3	Rochester	22	-12	.6	+ .1	Rapid City	17	-18	.9	+ .6
San Francisco	52	- 2	.6	+ .1	St. Cloud	17	-15	.7	+ .3	Sioux Falls	22	-13	.5	+ .1
Stockton	52	- 2	.2	-.2	MISS. Jackson	61	+ 2	1.3	+ .1	TENN. Chattanooga . .	51	- 2	4.0	+2.8
COLO. Denver	28	-12	.5	+ .2	Meridian	59	0	2.1	+ .7	Knoxville	46	- 8	3.5	+2.5
Grand Junction	32	-13	.4	+ .2	MO. Columbia	34	-12	2.2	+1.5	Memphis	53	- 2	2.9	+1.7
Pueblo	34	- 9	T	-.2	Kansas City	34	-12	.9	+ .2	Nashville	52	- 1	3.4	+2.3
CONN. Bridgeport . . .	37	- 5	.9	+ .1	St. Louis	36	-12	1.9	+1.1	TEX. Abilene	52	- 6	1.1	+ .8
Hartford	36	- 4	.7	-.2	Springfield	39	- 9	1.9	+1.1	Amarillo	39	-10	1	-.1
D. C. Washington . . .	48	- 1	1.8	+1.1	MONT. Billings	26	-10	.6	+ .3	Austin	59	- 4	.2	-.3
FLA. Apalachicola . .	67	+ 4	T	-1.1	Glasgow	16	-15	.2	+ .1	Beaumont	62	- 1	T	.6
Daytona Beach	71	+ 5	.3	-.4	Great Falls	23	-11	.8	+ .6	Brownsville	71	+ 1	T	-.1
Ft. Myers	77	+ 7	.1	-.6	Havre	17	-15	.4	+ .3	Corpus Christi	66	- 2	T	.3
Jacksonville	66	+ 2	.7	-.1	Helena	24	-10	.3	+ .1	Del Rio	62	- 4	T	.2
Key West	80	+ 4	.3	-.1	Kalispell	26	- 8	T	-.2	El Paso	51	- 7	1.1	0
Lakeland	74	+ 6	T	-.9	Miles City	17	-18	.7	+ .5	Fort Worth	54	- 4	1.0	+ .3
Miami	79	+ 6	T	-.5	Missoula	29	- 8	1	-.1	Galveston	63	- 1	T	.6
Orlando	73	+ 5	.3	-.5	NEBR. Grand Island . .	28	-12	.6	+ .2	Houston	61	- 3	.5	-.1
Tallahassee	66	+ 3	T	-1.2	Lincoln	30	-11	.8	+ .4	Lubbock	46	- 6	T	.2
Tampa	75	+ 7	.2	-.6	Norfolk	26	-12	.5	+ .1	Midland	52	- 6	0	-.1
W. Palm Beach	78	+ 7	T	-.8	N. Platte	27	-11	.4	+ .1	San Angelo	54	- 7	T	.2
GA. Atlanta	56	+ 2	2.3	+1.0	Omaha	30	-10	1.4	+ .9	San Antonio	61	- 3	.1	-.3
Augusta	59	+ 1	1.5	+ .5	Valentine	18	-18	.5	+ .3	Victoria	63	- 2	T	.4
Macon	61	+ 1	.8	-.3	NEV. Ely	25	-10	.2	0	Waco	56	- 5	1	-.5
Savannah	65	+ 4	.9	0	Las Vegas	47	-11	.1	0	Wichita Falls	49	- 7	.8	+ .3
HAWAII. Hilo	---	---	---	---	Reno	35	- 7	.3	+ .2	UTAH. Blanding	29	-12	.5	+ .3
Honolulu	---	---	---	---	Winnemucca	35	- 5	.4	+ .3	Salt Lake City	31	-12	.8	+ .4
Kahului	71	- 2	1.8	+1.2	N. H. Concord	32	- 5	.9	+ .3	VT. Burlington	28	- 6	.6	+ .1
Lihue	---	---	---	---	N. J. Atlantic City . . .	43	- 2	.9	0	VA. Lynchburg	46	- 3	2.3	+1.5
IDAHO. Boise	38	- 5	.5	+ .3	Trenton	41	- 4	.8	0	Norfolk	52	+ 1	1.0	+ .3
Lewiston	38	- 7	.1	-.1	N. MEX. Albuquerque . .	39	-10	T	.1	Richmond	50	- 1	2.6	+1.9
Pocatello	28	-10	.7	+ .5	Roswell	46	- 7	.2	+ .1	Roanoke	45	- 4	1.4	+ .7
ILL. Cairo	45	- 7	5.6	+4.5	N. Y. Albany	31	- 7	.6	0	WASH. Colville	34	- 6	0	-.2
Chicago	32	-10	1.3	+ .6	Binghamton	28	- 8	.6	-.1	Omak	35	- 7	T	-.2
Moline	30	-11	1.6	+ .9	Buffalo	32	- 4	.8	+ .1	Quillayute	41	- 1	.3	-2.0
Peoria	31	-11	1.0	+ .2	New York	40	- 4	.7	-.2	Seattle-Tacoma	42	- 3	.3	-.4
Rockford	29	-10	.7	0	Rochester	32	- 6	.6	0	Spokane	32	- 8	T	-.3
Springfield	34	-10	1.4	+ .6	Syracuse	31	- 7	.7	0	Walla Walla	41	- 7	1	-.3
IND. Evansville	44	- 5	2.4	+1.3	N. C. Asheville	50	+ 1	2.9	+1.9	Yakima	39	- 5	T	-.1
Ft. Wayne	33	- 8	.6	-.1	Charlotte	56	+ 2	1.5	+ .5	W. Va. Beckley	43	- 1	3.1	+2.2
Indianapolis	36	- 8	2.0	+1.1	Greensboro	52	0	1.5	+ .7	Charleston	43	- 6	1.8	+ .9
South Bend	32	- 8	1.0	+ .2	Hatteras	56	+ 3	.4	-.4	Huntington	44	- 4	2.3	+1.4
IOWA. Burlington . . .	31	-11	1.4	+ .7	Raleigh	53	0	.7	-.1	Parkersburg	43	- 4	1.7	+ .8
Des Moines	29	-10	1.3	+ .7	Wilmington	60	+ 3	.4	-.4	WIS. Green Bay	26	- 8	.9	+ .4
Dubuque	25	-12	.9	+ .1	N. DAK. Bismarck	13	-18	2.4	+2.2	La Crosse	25	-12	.7	+ .2
Sioux City	27	-11	1.0	+ .6	Fargo	16	-15	.7	+ .4	Madison	28	- 7	1.3	+ .8
KANS. Concordia	34	- 9	.7	+ .3	Williston	12	-18	1.2	+1.0	Milwaukee	29	- 7	.8	+ .2
Dodge City	37	- 8	.1	-.2	OHIO. Akron-Canton . . .	38	- 3	.8	0	WYO. Casper	19	-15	.4	+ .1
Goodland	30	-10	.5	+ .3	Cincinnati	41	- 5	2.4	+1.5	Cheyenne	18	-16	.8	+ .5
Topeka	37	- 8	1.0	+ .4	Cleveland	38	- 2	.9	+ .1	Lander	22	-13	.5	+ .1
Wichita	39	- 9	.9	+ .4	Columbus	38	- 6	1.1	+ .3	Sheridan	22	-13	.3	-.1
KY. Lexington	43	- 5	4.2	+3.1	Dayton	38	- 5	1.3	+ .5	P. R. San Juan	79	+ 2	.9	+ .4
Louisville	45	- 3	4.2	+3.1	Toledo	34	- 6	.8	+ .2					

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, 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: Clearing skies early week introduced sunny weather with warming temperatures. Highs on 29th and 30th upper 70's and low 80's most areas. Rains returned on 29th with most of State averaging over 1.00 in. Heaviest rains were in the northeastern valleys where locally up to 4.00 in. fell.

Soil moisture surplus central, adequate to surplus elsewhere. Good weather midweek alleviated some wetness, but weekend showers brought back to surplus most areas. Land preparation for spring planting active, conditions permitting and some planting southern areas. Conditions favorable for growth, development small grains and winter grazing. Grazing limited many fields by excessive moisture. Bedding sweetpotatoes continued. Planting tomatoes southern areas. Condition livestock poor to fair. Deaths from malnutrition rising. Pasture condition improved.

ARIZONA: Unprecedented cold record. Temperatures 7 to 15° below normal. Precipitation over 1.00 in. White Mountains. Trace Salt River Valley, 5 to 20 in. snowfall high elevations.

Preparations cotton, western areas 50% planted. Yuma fields up to stands. Small grains, safflower good progress. Sorghum seedbed preparations, plantings limited. Alfalfa hay harvest active west. Growth retarded Cochise and Greenlee Counties. Sugarbeets for spring harvest good progress. Cochise County planting for fall harvest slowed. Lettuce harvest central and west. Lettuce satisfactory Cochise. Fruit thinning Salt River Valley peaches, apricots. Grapefruit, orange harvest Yuma and Valencia picking Salt River Valley limited by market demand. Cattle condition mostly fair. Spring calving continues. Slaughter lamb shipments active.

ARKANSAS: Temperatures cool, 1° below normal south to 11° below normal north. Precipitation general mostly mid and late week. Amounts heavy ranging from 1.50 to 8.30 in. at Greers Ferry.

Considerable acreage of farm land flooded in east and east central as result of last week's rains. Some land preparation early in week. Pastures greening, hay in short supply.

CALIFORNIA: Precipitation general all areas through 25th except southeast Desert. Heavy amounts 24th north and central. Weekly amounts ranged from 4.00 in. Sierra Nevada to light low elevations central, south. Low temperatures late period near 30° Central Valley and low valleys coastal range. Temperatures averaged about 5° below normal Central Valley, 5 to 9° below mountain areas southeast; 1 to 5° below elsewhere. Strong gusty northerly winds most areas 26th to 28th. North winds had drying effect but most ground north, still too wet to work. Cotton planting slow San Joaquin Valley, increasing Desert. Corn planting started, continues on safflower, sugarbeets as weather allows. Cutting alfalfa hay started San Joaquin Valley, increasing in Desert. Spraying and other activities resumed. Almond trees blown over, pear bloom began. Vineyard activities resumed, vines leafing, later than last year. Cold delayed dates 2 to 3 weeks. Walnuts budding, cherries, peaches, prunes blooming. Navel, lemon, avocado harvest

continues, quality good, some damage, winds. Valencias developing well. Asparagus slow, cool weather, active Imperial and Delta, nearing completion Coachella. Broccoli, cauliflower volume strong. Carrots digging active Desert. Celery in good volume Oxnard. Lettuce at peak Palo Verde, nearing completion Imperial, beginning Santa Maria, increasing Oxnard. Strawberry increased south. Planting processing tomatoes increased. Cold, dry winds slowed feed growth. Heavy snows hampered feeding, calving north. Spring shearing continuing. Livestock good condition. Stock water supplies ample.

COLORADO: Warm early week. Major storm west night of 25th followed by arctic cold moved southward night of 26th bringing snow, strong winds, bitter cold, and blizzard conditions mountains and northeast.

Blowing and drifting snow made conditions dangerous travelers and livestock. Blizzard conditions halted fieldwork progress. Spring barley 7% planted, 21% average. Oats 15% planted, 26% average. Sugarbeets and potato planting little progress. Winter wheat and barley poor condition. Oats and spring barley fair to good. Scattered wind damage. Livestock condition good. Ranges and pastures fair to poor with generally little moisture.

FLORIDA: Slightly cooler in Panhandle on 30th. Temperatures averaged a few degrees above normal. Rainfall widely scattered and generally light, except in north central, where amounts were moderate.

Soil moisture adequate west and north, short central and south. Planting of spring crops good progress. Early planted corn and tobacco good condition, some damage from blowing sand. Small grains heading. Sugarcane harvest about complete. Young cane good to excellent condition. Pasture conditions virtually unchanged. Permanent pasture grasses adding new growth as moisture conditions improve. Pastures range from poor to good condition throughout. Cattle and calves fair condition statewide. Citrus grove condition excellent, rain needed, few growers irrigating. Bloom nearly completed. Supplies of cabbage, tomatoes decreased but continued as volume leaders. Increased supplies for sweet corn, cucumbers, peppers, potatoes, squash, but volume declined for celery, escarole, lettuce and strawberries. Snap beans, carrots, radishes remained steady.

GEORGIA: Heaviest rainfall northern third, west central. Amounts 1.00 to 1.50 in., less than 0.50 in. southeast. Temperatures 5 to 7° above normal north, 2 to 4° above normal south. Tornado in Atlanta on 24th with extensive property damage.

Soil moisture mostly surplus. Fieldwork delayed by wet soils. Tobacco fair to mostly good, transplanting 21% complete, well below 1974's 41% and average of 36%. Corn fair to good, 5% planted, 1974 and average both 7%. No cotton planted, same as 1974, 5-year average 1%. Small grains fair to mostly good, fertilization active where soils would support machinery. Watermelons fair to good, 25% planted with some replanting. Peaches full bloom, spraying active. Pastures and cattle fair; hogs good.

HAWAII: Partly cloudy to cloudy skies. Rain-fall increased towards end of week.

Rain generally beneficial to crops and orchards. Frequent spraying necessary to control insect infestation. Vegetable, banana and papaya, supplies continue light. Pastures in good condition, rains added needed moisture. Pineapple harvesting light. Sugar harvesting not full swing, most mills in operation.

IDAHO: Temperatures 8 to 10° below normal. Maxima; 40's and low 50's, minima sub-teens east to mostly teens elsewhere. Precipitation little below normal north but well above normal elsewhere. Greatest amount 1.21 in. at Jerome.

Fieldwork restricted most areas because of above normal precipitation and cold, windy weather. Limited activity lighter soils south-east late week. Seed potato shipments remain active. Some calving and lambing problems because of weather. However, mature animals have come through winter in good condition.

ILLINOIS: Temperatures 5 to 12° below normal. Extreme south warmer, 5 to 7° below normal. Precipitation heavy, 1.00 in. north to over 5.00 in. southeast near Cairo.

Winter wheat good condition; south greening up, but some excessive moisture problems. Livestock mostly good condition. Cold, rainy weather limited fieldwork. Main activities: Plowing, planting oats.

INDIANA: Cold week with considerable snow and rain. Freezing rain on 27th caused some power outages and dangerous travel. Precipitation 0.75 in. north, over 2.00 in. south. Temperatures averaged 36 and 8° below normal.

Surface soils frozen again. Return to wintery weather halted or slowed field activities after the good advances the previous week. Readyng equipment and supplies major activity. Some additional greening up during week.

IOWA: Temperatures 9 to 14° below normal. Precipitation near normal northeast, well above normal elsewhere. Most precipitation fell during ice storm night 26th morning 27th. Considerable damage to power and telephone lines resulted.

KANSAS: Temperature averages much below normal, ranged from 6° below normal southwest to 11° below normal northeast. Rains in excess of 1.00 in. fell east and south central, lighter amounts elsewhere.

Wheat greening, growth moderate. Light blowing western third. Spring oats 15% planted, normal 55%. Spring barley 20% planted, normal 35%. Cattle moving off wheat pasture southern counties.

KENTUCKY: Temperatures up and down daily, averaged near normal. Light showers early with heavy rain at end of week. Total rainfall mostly 3.00 to 5.00 in.

Fields wet and sloppy. Very little farmwork done, only 1.5 days favorable for outside activities. About 25% plowing done, none lately. Small amount of fertilizer spread, very little wheat top dressed and pasture renovation is behind schedule. Only one-third tobacco beds seeded, few with plants up. Livestock generally still on winter feed, cattle only getting 25% of roughage requirements from pastures. Grass growth slowed by cool, cloudy weather. Winter damage to small grains and legumes light, but flood losses may be serious.

LOUISIANA: Temperatures 3 to 4° below normal north, normal to 2° above central and south. Warming trend early week, very warm midweek, sharply cooler over weekend. Extremes: 84° Houma 24th and 33° Ashland on 25th. Precipitation moderate north, mostly light south. Greatest 1-day total, 2.00 in. Calhoun 29th.

Soil moisture surplus north, adequate south. Days favorable for fieldwork 4.1. Corn planting 15% complete, slightly behind 1974 but equals average. Rice farmers busy preparing seedbeds and seeding; 20% seeded, 10% 1974, 8% average. Sugarcane stands good. Growth slowed by below normal temperatures. Some fields grassy. Vegetable planting active New Orleans area. Strawberry quality good. Pastures mostly average, cattle fair.

MARYLAND AND DELAWARE: Temperatures near normal. Highs low 60's to low 70's, lows 10° western Maryland, low 20's to low 30's elsewhere. Precipitation variable over two States ranging 0.30 to 1.38 in.

Showers and cloudy skies keep soils soggy. Winter grains good stands. Some damage in low areas and by grazing wildfowl. Nitrogen top dressing and garlic control spraying critically behind schedule in wetter areas. Slow progress tobacco seed beds. Livestock generally good, some farmers low on roughage due partly to limited winter pasture growth.

MICHIGAN: Temperatures varied widely, averaged from 6 to 10° below normal. A major storm affected temperatures early week, on 24th temperatures in the extreme southeast Lower Peninsula were 12 to 16° above normal but dropped to 10 to 12° below normal by 25th. Precipitation was generally above normal. An intense spring storm on 24th and 25th brought gusty winds, spread precipitation throughout and created blizzard like conditions over most of the Upper Peninsula. Additional snowfalls over the Upper Peninsula ranged from 31 in. at Marquette to 10 in. at Sault Ste. Marie.

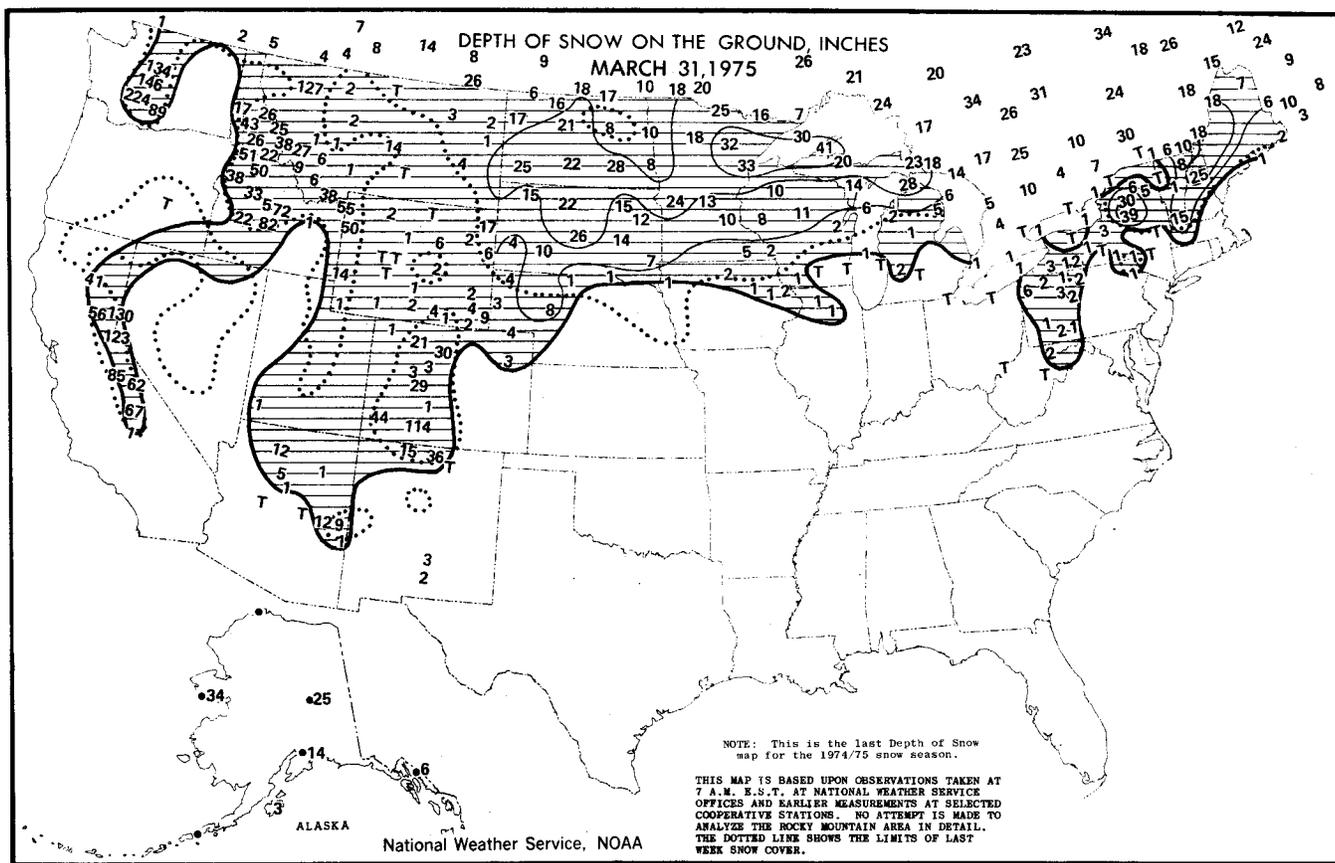
There was practically no fieldwork accomplished.

MINNESOTA: A very cold week with 2 blizzards and excessive snowfall. Temperatures 12 to 15° below normal. Extremes: Low 40's far southwest on 28th to 15° below zero upper northwest on 30th. Total water equivalent 0.50 in. far southwest to 1.60 in. northeast, or 0.30 in. above normal southwest to 1.16 in. above normal northeast. New snowfall from blizzards on 23rd and 24th and 26th to 29th 8 to 14 in. west central through northeast with 4 to 7 in. common elsewhere. Snow on ground at week's end: 24 to 33 in. west central, 8 to 18 in. upper northwest and 5 to 15 in. south.

Winter conditions returned and restricted farmers to only care and management of livestock. Spring fieldwork postponed several weeks.

MISSISSIPPI: Most of rain on 24th. Temperatures averaged 4° above normal. Extremes: 94 and 31°. Greatest 24-hour rainfall was 2.37 in. near Roxie.

Soil moisture adequate to surplus. Fieldwork: 3.0 days suitable. Plowing 26% complete, 54% 1974, normal 39%. Irish potatoes 61% planted, 84% 1974. Wheat 36% jointing, 82% 1974, normal 43%. Oats 37% jointing, 82% 1974, normal 42%. Condition of wheat



and oats fair to good. Condition of Irish potatoes, peaches, truck crops and pastures mostly fair. Condition of livestock poor to fair.

MISSOURI: Temperatures near 5° below normal north, near normal central and around 3° above normal extreme south. Precipitation was heavy south with an average of 3.95 in. Bootheel, 2.95 in. east Ozarks and 2.55 in. west Ozarks. In north central, precipitation averaged from 1.72 in. northeast to 1.10 in. west central plains.

Fieldwork: 1 day suitable. Little work actually done due to excess moisture. Oats 10% sown, 41% 1974. Intended plowing 26% complete. Fuel and fertilizer supplies adequate. Wheat generally fair to good condition. Pastures mostly fair condition. Soil moisture surplus over two-thirds of State, remaining third adequate.

MONTANA: Week began with major spring storm and ended with another outbreak of arctic air. Temperatures well below normal. Highest maximums 40's and 50's, minimums fell from zero to 10° below zero. Precipitation below normal west above normal elsewhere.

Winter wheat fair to good except mostly fair main winter wheat areas. Topsoil moisture adequate most areas, dry north. Winter wheat mostly dormant, some greening south. Field tillage mostly stalled. Calving and lambing, losses mostly normal except above normal localized areas because of cold, snowy weather. Nearly 40% calving and 45% lambing complete. Shearing about 30% done.

NEBRASKA: Precipitation fairly general, from

0.50 to 2.00 in. moisture. Up to 15 in. snow Panhandle and northwest. Temperatures averaged 10 to 15° below normal. Winds 40 to 60 mph west.

Some cattle losses almost certain. Spring storm especially bad because in middle of calving. Loss of calves born during storm expected high. Many cattle drifted with winds, going through fences. Most cattle now fed. Pasture and range feed conditions short 80%. Spring fieldwork delayed by snow storms, high winds. Fieldwork: 1.5 days suitable. Topsoil moisture supplies short 45%, adequate 49%, surplus 6%. Subsoil moisture short 90%. Fertilizer adequate 80% of counties. Winter wheat poor to fair condition. Some wheat fields in west took severe beating from high winds. Other areas spotty stands. Farmers considering planting spring wheat, oats, other small grains some areas. Alfalfa and wild hay mostly fair condition. Sugarbeet ground preparation under way, some already planted.

NEVADA: Pacific storm brought cold temperatures and moderate to heavy precipitation north and central and light precipitation south. Temperatures ranged 3 to 12° below normal. Extremes: -2° Mountain City and Logandale 74°.

Seedbed preparation slowed by cold weather. Winter planting greening, looks good. Range grasses most dormant, soil moisture condition good to very good. Calving, lambing continues.

NEW ENGLAND: Precipitation occurred every day except March 27th and 28th. No major storms involved. Temperature extremes 25th upper 50's southern and western sections, 27th low 50's extreme south. Low temperatures zero to 5° above zero north to teens south, nights of March 26th and 27th.

NEW JERSEY: Cold with temperatures 5 to 7° below normal. Averages 37° north, 42° south and 41° coastal. Extremes: 14° at Newton and 68° at Bridgeton, Hamonton and Pemberton. Rainfall averaged 0.86 in. north, 1.31 in. south and 0.59 in. coastal.

Soil moisture remains close to 100% of field capacity throughout. Cold weather delayed fieldwork. Some vegetable and potato acreage planted. Peach bloom expected to be full the weekend of April 12th and 13th. Pastures greening.

NEW MEXICO: Mild early with major storm developing 26th. Recurrent snows continuing north through 28th and south through 29th. Several inches new snow southern mountains 28th and 29th. Precipitation up to 1.15 in. at Silver City and 2.60 at Ruidoso. Very cold weather last half of week with temperatures generally averaging 5 to 10° colder than normal.

Soil moisture short to adequate. Northeast, southwest border areas need moisture on dryland. Winter wheat, barley, alfalfa fair to good. Vegetables good in Mesilla Valley. Livestock fair to good with calving, lambing, shearing active.

NEW YORK: Temperatures averaged well below normal ranging from 62° at New York City and Poughkeepsie to minus 1° at Saranac Lake. Precipitation near normal. A significant amount of the week's rain fell the 24th. Mild conditions on 25th as temperatures climbed to near 60° in southeast. Unseasonably cold, windy weather followed from 26th to 28th.

NORTH CAROLINA: Temperatures averaged 2° above normal. Highs 60 to 70°, lows 40 to 50°. Rainfall heavy early week. Strong winds and thunderstorms and a few tornadoes on 24th. Scattered frost end of week.

Fieldwork: 2.1 days suitable. Soil moisture 36% adequate, 64% surplus. Small grain condition fairly stable, mostly good. Flue-cured tobacco plant beds fair to mostly good. Irish potato condition fair to good. Hay and feed grain supplies adequate. Farmers beginning to prepare land for spring planting.

NORTH DAKOTA: Temperatures way below normal, ranging from 18° below normal southwest to 8° below normal east central. Extremes: 39° at Wahpeton to -13° at Dickinson. Precipitation above normal, ranges from 2.57 in. above normal south central to 0.42 in. north central. Most precipitation at Jamestown with 2.96 in. Jamestown also had greatest 24-hour precipitation with 1.34 in. on 24th. Weekend fair to cold temperatures with statewide snow showers falling mid and end of week when blizzard immobilized State.

Moisture received favorable for spring planting and grasses. Some calf and lamb losses due to recent storm. Feed supplies became problem with storm. Some dairymen unable to market milk due to blocked roads. Farmers busy digging out from and in some cases still attempting to reach livestock.

OHIO: Cloudy and rather windy with precipitation somewhere each day. One inch of snow on ground Cleveland on 26th and Dayton on the 27th. Heaviest rainfall on 28th of over 1.00 in. south. Precipitation ranges 2.42 in. south to 1.65 in. northeast. Temperatures averaged below normal. High was 70° south on 24th and low was 14° northeast on 27th.

Little fieldwork due to wet fields. Water standing in a few wheat fields.

OKLAHOMA: Temperatures averaged from 4° below

normal to 3° above normal. Precipitation averaged from 0.20 in. Panhandle to 2.25 in. east central. Weekend cool with precipitation most areas occurring as light to moderate snow.

Wheat growth accelerated; 19% jointing, about 10 days later than year ago, condition good. Adequate to surplus soil moisture, except Panhandle where dry and wheat poor. Panhandle and southwest have heavy greenbug infestations. Oats 85% up to stand, barley 94% up to stand, both equal to year ago. Fruit trees blooming, but weekend freeze may have caused damage. Pastures greening. Fields still wet.

OREGON: Temperatures few degrees below normal west, 7 to 13° below normal east. Precipitation on coast ranged 1.00 to 4.00 in., 0.50 to 4.00 in. western valleys, 0.50 to 1.00 in. east, except Pendleton and Hermiston.

Fall seeded grains fair to good. Plowing, seeding, fertilizing continuing. Majority of spring grain to be seeded in April. Pruning, spraying orchards. Smudge pots in cherry orchards being prepared for frost. Vegetable growers continue to negotiate processing price. Seed potatoes are moving. Livestock in good to excellent condition.

PENNSYLVANIA: Mostly cold, wet week. Temperatures 5 to 8° subnormal. Extremes: 66 and 10°. Measurable precipitation on 5 days with 0.75 in. most places and up to 1.00 in. southeast. Traces to 3 in. new snow western and northern counties.

Machinery preparation continues. Some limited spring plowing begun.

PUERTO RICO: Average rainfall 0.85 in. Highest weekly total 2.79 in. at Arecibo Ionospheric Obs. Highest 24-hour total 2.03 in. at Arecibo Ionospheric Obs. Temperatures averaged about 75° on coasts and 69° interior. Extremes: 48 and 90°.

Dry weather favored normal continuation of sugarcane harvest and preparation of soil for planting operations, but affected development of recent plantings. Lack of rainfall slowed coffee shrub flowering and retarded development of new plantings. Drying of bean continued normally. Good weather for tobacco harvesting and drying in the shed. Lack of rain seriously affecting pastures. Continued dry interrupted food crops planting operations mainly South Coastal areas while some scattered rainshowers fell over east; west areas giving some relief.

SOUTH CAROLINA: Temperatures generally above normal early week dropping to subnormal midweek and rising thereafter. Above normal rainfall ranged from 2.00 in., mountains to around 1.00 in. elsewhere except along coast, where 1.00 to 2.00 in. occurred. Cold front moved through early in week preceded by damaging wind storms.

Excessive soil moisture still delaying land preparation most areas. Some planting of corn underway. Transplanting tobacco underway with adequate supply. Plant beds in good condition. Spraying peaches active. Very little damage from cold weather thus far. Coastal area transplanting tomato plants, planting snap beans, cucumbers, corn, and squash. Small grains in good condition.

SOUTH DAKOTA: A week of heavy snow and blizzard conditions plagued farmers and ranchers throughout. Heaviest accumulations in Black Hills and central. Electricity and telephone service knocked out many areas. All roads and highways closed at various times during week. Temperatures averaged 14 to 22° below normal. Extremes: -8° Zeona and Selby midweek, 52° Rapid City on 30th. North and west received 1.00 to 3.00 in.

above normal precipitation, some areas south 0.25 below normal.

Main farm activities are feeding livestock and scooping snow. Some livestock losses due to blizzard, mainly in newborn calves and lambs.

TENNESSEE: Strong winds brought rapid drying early in week, but this was canceled by 3.00 to 5.00 in. of rain later. Temperatures averaged 1 to 3° below seasonal normals.

Land preparation for planting further delayed, now 4 weeks behind normal. In last 3 weeks less than 3 days suitable for fieldwork. Tobacco beds 57% planted, 80% 1974 and normal. Many damaged and need replanting. Small grains need warm, sunny days. Most pastures short.

TEXAS: Cloudy skies, moist air returned 26th as cool front brought winds, scattered showers, thunderstorms. Colder air settled over State 29th. Western portion, temperatures 6 to 8° below normal; elsewhere, 3 to 4° below normal. Rainfall north, west, near normal, south, little or no precipitation.

Wheat, oats good to excellent progress. Many fields southern half headed out. Planting cotton, corn, sorghum satisfactory progress. Short moisture delayed germination some localities. Major crops percent planted: Cotton 9, 1974 7, average 8; corn 45, 1974 39, average 37; sorghum 31, 1974 32, average 25; peanuts 7, 1974 2, average -; rice 40, 1974 52, average 38; sugarbeets 41, 1974 53, average 34. Lower Rio Grande Valley: Onion supplies continue increase, harvest early fields. Dry weather extremely hot temperatures causing rapid maturity many fields. Cabbage, carrot harvest in latter stages. Tomatoes beginning to set fruit. Cantaloups, honeydews making good progress. Coastal Bend: Irrigated watermelons making good growth, dry land melons beginning to suffer from lack of rainfall. Cucumbers vining. San Antonio-Winter Garden: Potatoes making satisfactory growth. Early melons beginning to vine with later melons emerging. Cabbage, onions making satisfactory growth. Laredo: Onions making good growth. Central: Watermelon, tomato planting remain active. Many areas, excessive soil moisture limited land preparation. High Plains: Onion, potato planting continues. Peaches blooming north, High Plains. Full extent damage from freezing temperatures 28th, 29th not known for several weeks. South, prospects good with peaches sizing rapidly. Pecan buds swelling as far north as Cross-Timbers, along Red River. South central along upper coast, trees leafing, some areas, blooming. Citrus season rapidly coming to close. Many fresh market packing sheds already shut down operations: Many trees already set good fruit crop for next season while other trees still blooming. Most groves extremely dry, requiring heavy irrigation. Movement livestock off wheat, oat fields where grain crop expected virtually complete. Livestock good gains where small grain fields grazed out. Heavy culling underway across State as hay supplies short.

UTAH: Recurring rain and snow most sections. Accumulated amounts of moisture generally moderate but locally very heavy. Storms followed by very cold minimum temperatures for so late in season. Many higher mountain valley stations recorded sub-zero minimum north. Average temperatures ranged between 7 and 12° below normal.

Freezing temperatures brought fieldwork to a halt over much of State. Apricots in full bloom in Washington County received extensive damage. Peaches hurt some. Too soon to tell in other

areas not quite so advanced. Sheep shearing on western ranges was in progress.

VIRGINIA: Temperatures averaged near normal. Extremes: 83 and 20°. Rainfall less than 1.00 in. to 3.00 in., heaviest southwest.

Fieldwork: 1.9 days suitable. Topsoil moisture 54% surplus, 46% adequate. Spring plowing, fertilizer applications 2 to 3 weeks behind. Top dressed small grains responding well. Some land plowed, spring oats seeded, herbicides, fertilizer applied to grains. More potatoes planted, seed pieces in low areas rotting. A few tobacco plantbeds reseeded. Early variety peaches blooming all areas but west and north. Little, if any, frost damage to date. Apples beginning to bloom. Rain hampered spray programs. Improved pastures reduced livestock feed requirements some areas.

WASHINGTON: West: Cool and dry. Temperatures 2 to 8° subnormal. Precipitation from 0.35 to 1.00 in. subnormal interior and 1.50 to 2.50 in. subnormal along coast.

Freezing nighttime temperatures delayed pasture and caneberry growth. Major activities: Plowing, seed bed preparation on green peas, and pastures, planting early lettuce, fertilizing cabbage and caneberries. Harvesting forced rhubarb and flowers. Hay supplies adequate with some cattle on pastures. East: Cool and dry. Temperatures 5 to 10° subnormal. Precipitation 0.10 to 0.40 in. subnormal except near normal extreme southwestern central basin.

Major activities in orchards: Pruning, installation of overtree sprinklers, delayed dormant spraying for pear psylla. Strong winds blew out some early planted crops. Planting: Sugarbeets, potatoes, mint, asparagus, green peas, spring wheat and barley. Extremely cold temperatures in east put stress on small wheat plants and further delayed fieldwork. Snow mold still showing up. Recrop wheat emerging well but most stands small. Reseeding still expected. Soil moisture excellent. Warmer weather needed to help wheat break dormancy. Pastures growing slowly. Hay supplies being depleted. Newborn cattle and sheep suffering due to weather.

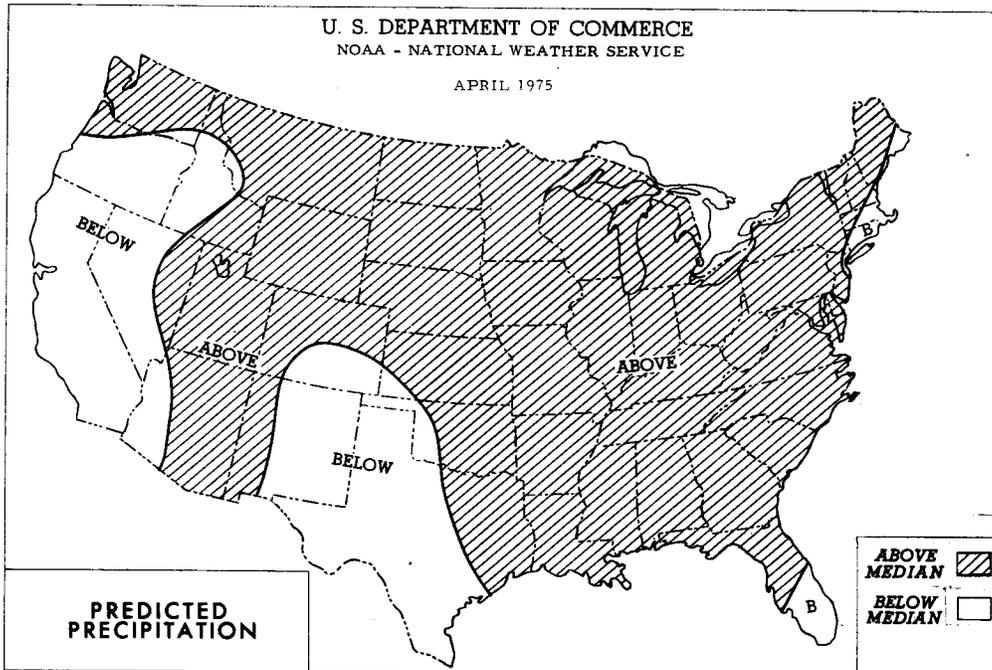
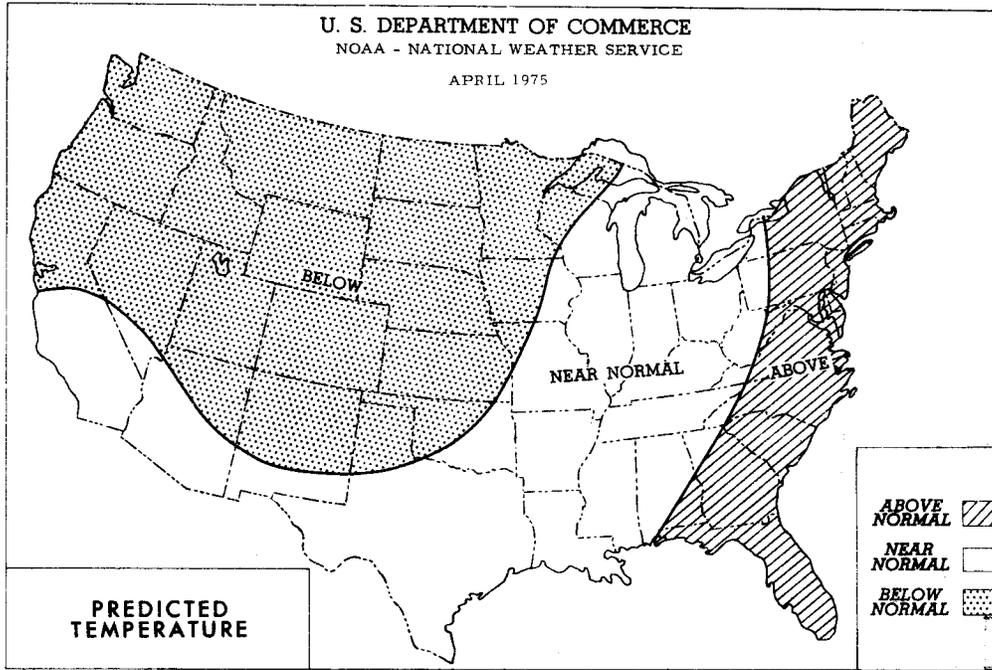
WEST VIRGINIA: Temperatures normal. Precipitation below normal north and above normal elsewhere. Soil moisture mostly surplus, delaying spring plowing. Work schedule about two weeks behind.

WISCONSIN: Unseasonably cold weather with temperatures 7 to 15° below normal. Highs in the 20's and low 30's. Lows, zero or below extreme north 26th and on 29th and 30th. Blizzard conditions north and central on 27th with heavy snow and strong winds. Snow of 4 to 8 in. west central and north, and 1 to 2 in. of sleet and snow southeast. Snow changed to rain in south and east on 28th. Weekend was cold with scattered snow flurries on 29th.

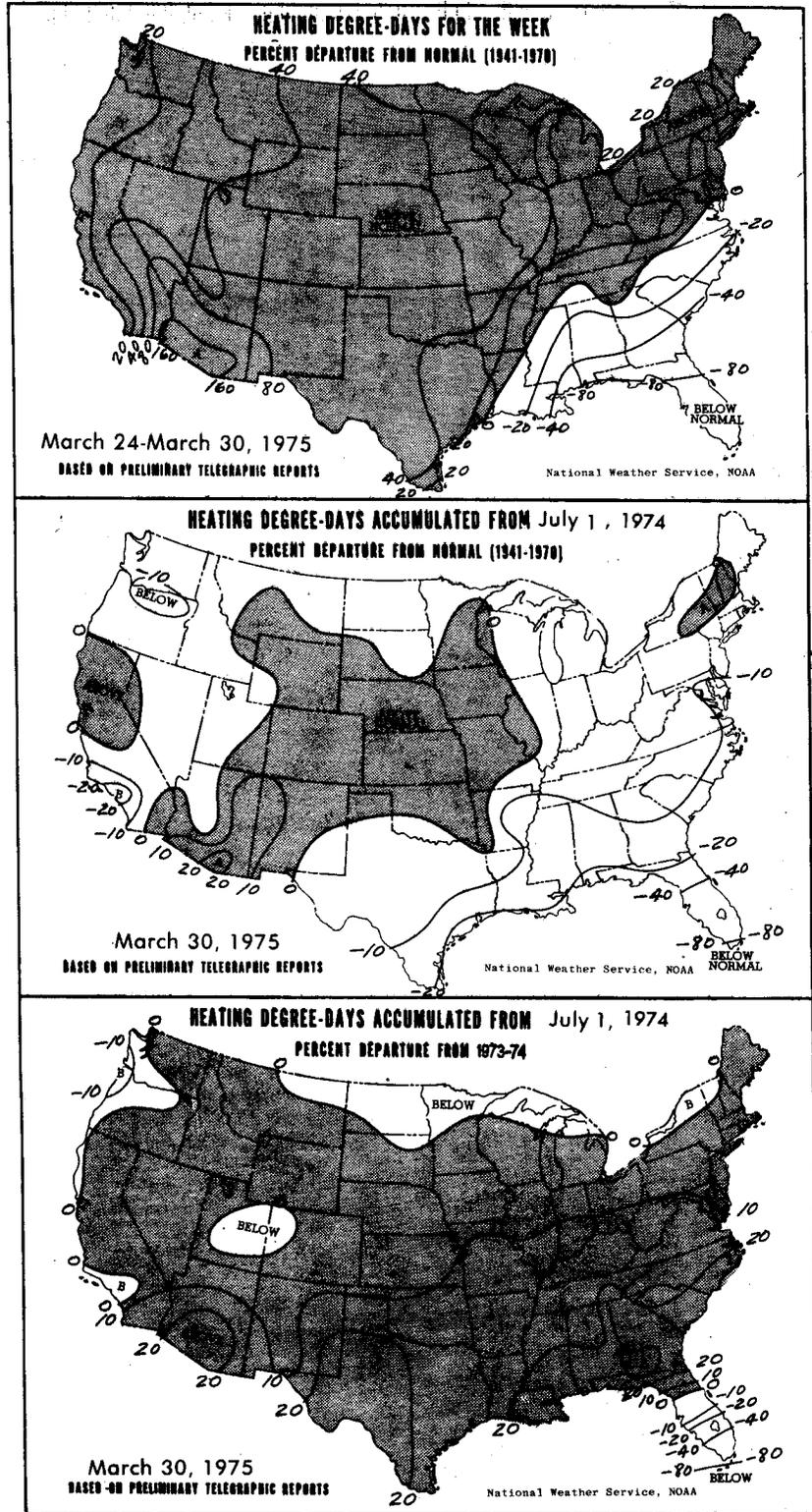
WYOMING: Spring blizzard brought below normal temperatures and above normal precipitation. Mean temperatures 5 to 10° below seasonal. Precipitation averaged 0.20 to 0.80 in. above normal.

Seedbed preparation, spring planting halted by snow storms. Fieldwork delayed. Barley about 9%, spring wheat 3%, oats and sugarbeets 2%. Topsoil moisture adequate. Winter wheat prospects poor to fair southeast, good elsewhere. Calving 35-40% done; 35% range ewes, 60% farm flocks lambled. About 25% range sheep shorn; nearly 50% farm flocks. Some losses new born animals.

AVERAGE MONTHLY WEATHER OUTLOOK



AGRICULTURAL IMPLICATIONS OF THE AVERAGE MONTHLY OUTLOOK: Above normal precipitation would be beneficial from the central Great Plains westward. However, soil moisture conditions from the southern Corn Belt to the Gulf of Mexico are already mostly surplus to excessive. Continued above normal rainfall would delay field preparations in the north and seeding in the south where activity should increase markedly during the next four weeks. Below normal temperatures over the northern Great Plains and the western States would slow the development of small grains. The potential benefits of near normal temperatures through the Corn Belt would be nullified by the above normal precipitation. Above normal temperatures along the East Coast would push fruit development but combined with above normal precipitation early insect and disease problems could develop.



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. This is the last time that the maps will appear during the 1974/75 heating season. The weekly table of values will continue until mid-May.



FIRST CLASS MAIL

210

Total Annual Subscriptions: \$5.00 in U.S. and possessions, \$6.50 including domestic airmail, \$11.25 including foreign airmail. For December through March issues only, \$1.50, \$2.00 with domestic airmail, \$3.50 with foreign airmail. Make checks payable to Department of Commerce, NOAA.

Publication of this bulletin began in 1872 as the Weekly Weather Chronicle. It is now issued under general authority contained in the Act of January 12, 1895 (44 USC 213), 53d Cong., III. Sess. Quotation or reproduction of this material is encouraged. Please give credit to this publication and, in case of special articles, to authors.

Please send subscriptions and any questions or comments to the Editor at above address.

Heating Degree Days (Base 65°) For Week Ending Mar. 30, 1975

States and Stations	Weekly			Seasonal + Accumulation			States and Stations	Weekly			Seasonal + Accumulation			States and Stations	Weekly			Seasonal + Accumulation		
	TOTAL	Departure*	Departure From 1873-74	TOTAL	Departure*	Departure From 1873-74		TOTAL	Departure*	Departure From 1873-74	TOTAL	Departure*	Departure From 1873-74		TOTAL	Departure*	Departure From 1873-74			
ALA. Birmingham . . .	41	-24	2365	-335	384		Portland . . .	234	30	6032	-282	182	Tulsa . . .	178	85	3606	142	437		
Mobile . . .	8	-26	1278	-363	290		MD. Baltimore . . .	136	9	3837	-425	-73	OREG. Astoria . . .	156	16	3813	-298	-480		
Montgomery . . .	32	17	1831	-348	292		MASS. Boston . . .	194	32	4669	-193	121	Burns . . .	254	69	5821	-135	117		
ARIZ. Flagstaff . . .	275	75	5928	1	520		MICH. Alpena . . .	286	46	6783	-351	-69	Medford . . .	155	24	3935	-189	213		
Phoenix . . .	67	37	1447	-41	359		Detroit . . .	224	47	5674	71	252	Pendleton . . .	161	27	3770	-739	-312		
Tucson . . .	107	67	1977	351	375		Flint . . .	238	44	5802	-269	89	Portland . . .	140	14	3492	-459	-159		
Winslow . . .	201	78	4668	437	423		Grand Rapids . . .	256	65	6238	331	460	Salem . . .	158	28	3673	-277	-301		
Yuma . . .	47	33	1066	87	162		Houghton Lake . . .	284	51	6875	-239	25	PA. Allentown . . .	181	22	4910	-232	297		
ARK. Fort Smith . . .	129	49	3354	177	478		Lansing . . .	294	43	5964	-34	78	Erie . . .	218	22	5593	-210	342		
Little Rock . . .	97	17	2848	-336	366		Marquette . . .	290	57	6647	-291	-220	Harrisburg . . .	172	33	4690	-18	496		
CALIF. Bakersfield . . .	63	12	1917	-99	263		Muskegon . . .	320	43	5798	-95	-46	Philadelphia . . .	152	17	4016	-342	18		
Eureka . . .	125	13	3553	31	3		S. Ste. Marie . . .	320	66	7641	18	-93	Portland . . .	179	22	4904	-334	330		
Fresno . . .	102	36	2314	115	306		MINN. Duluth . . .	343	90	8455	203	7	Pittsburgh . . .	197	23	5069	-448	-370		
Los Angeles . . .	64	8	1059	-370	-110		Internatl Falls . . .	358	92	8816	-262	-185	Scranton . . .	200	30	4948	-175	221		
Red Bluff . . .	98	26	2678	290	235		Minneapolis . . .	307	89	7209	-99	218	S.C. Charleston . . .	27	21	1776	-290	497		
San Diego . . .	50	6	1102	-124	159		Rochester . . .	302	82	7355	142	293	Columbia . . .	32	-26	2157	-339	-664		
San Francisco . . .	90	12	2512	102	25		St. Cloud . . .	332	101	7964	189	262	Philadelphia . . .	79	2	2954	-26	430		
Stockton . . .	93	18	2677	177	418		MISS. Jackson . . .	272	69	6319	148	539	Pittsburgh . . .	322	99	7103	-465	-493		
COLO. Denver . . .	255	80	5238	104	197		Meridian . . .	48	-3	1986	-310	525	S. DAK. Aberdeen . . .	313	101	6967	-139	204		
Grand Junction . . .	231	88	5191	162	-170		MO. Columbia . . .	217	82	4967	348	550	Huron . . .	323	113	6347	116	420		
Pueblo . . .	218	67	4813	20	248		Kansas City . . .	217	80	5024	317	490	Rapid City . . .	300	93	6909	-11	312		
CONN. Bridgeport . . .	191	27	4495	-197	235		St. Louis . . .	202	78	4630	280	387	TENN. Chattanooga . . .	100	16	3384	105	744		
Hartford . . .	202	26	5336	-222	256		Springfield . . .	182	61	4321	142	607	Austin . . .	89	5	3139	-109	507		
DEL. Wilmington . . .	15	0	4167	246	280		WYOM. Billings . . .	243	103	7122	-655	-311	Memphis . . .	80	2	2682	-383	326		
D.C. Washington . . .	118	6	3401	-453	322		Glasgow . . .	343	103	7122	-655	-311	Nashville . . .	90	-1	3147	-317	431		
FLA. Apalachicola . . .	3	23	965	-363	203		Great Falls . . .	294	75	6487	41	231	TEX. Abilene . . .	87	26	2579	91	479		
Daytona Beach . . .	3	13	538	-340	47		Havre . . .	324	98	7006	-615	-48	Amarillo . . .	181	69	3864	-61	228		
Ft. Myers . . .	0	5	146	-311	-87		Helena . . .	286	68	6977	80	381	Austin . . .	46	11	1568	-121	498		
Jacksonville . . .	13	12	1105	-195	240		Kalspell . . .	272	54	7012	-137	497	Brownsville . . .	14	2	517	-134	38		
Key West . . .	0	7	505	34		Malaga . . .	372	125	8376	-289	261	Corpus Christi . . .	28	12	818	-111	123			
Lakeland . . .	0	10	364	-304	9		Missoula . . .	250	51	6376	-297	177	Del Rio . . .	39	15	1390	-114	297		
Miami . . .	0	0	59	-147	-72		NEBR. Grand Island . . .	255	79	6092	380	442	El Paso . . .	92	37	2611	29	214		
Oriando . . .	0	11	378	-316	-22		Lincoln . . .	245	79	6013	424	351	Fort Worth . . .	71	15	2156	-131	247		
Tallahassee . . .	14	12	1457	-69	440		Norfolk . . .	275	85	6291	81	396	Galveston . . .	28	0	864	-337	98		
Tampa . . .	0	0	386	-322	-20		North Platte . . .	267	80	6203	310	226	Houston . . .	36	8	1142	-266	-2		
W. Palm Beach . . .	0	0	107	-192	-65		Omaha . . .	240	79	5847	378	369	Lubbock . . .	130	39	3297	-17	639		
GA. Atlanta . . .	60	17	2661	-253	514		Valentine . . .	323	117	6336	-15	329	Midland . . .	88	29	2323	-193	257		
Augusta . . .	42	14	2456	16	623		NEV. Ely . . .	279	71	6297	-67	97	Beaumont . . .	31	0	1295	-186	154		
Macon . . .	31	17	1933	-229	450		Las Vegas . . .	121	63	2372	-86	39	San Angelo . . .	72	25	2164	4	463		
Savannah . . .	14	27	1443	-441	242		Reno . . .	212	51	5111	150	439	San Antonio . . .	44	14	1497	-39	249		
ID. Boise . . .	190	39	4745	-239	243		Winnemucca . . .	207	29	5295	-104	543	Victoria . . .	31	8	929	-280	86		
Lewiston . . .	187	47	4406	-282	15		N.H. Concord . . .	231	32	6609	273	286	Waco . . .	64	19	2102	105	430		
Pocatello . . .	258	71	6007	34	225		N.J. Atlantic City . . .	152	10	4216	-172	331	Wichita Falls . . .	107	37	2740	-31	437		
ILL. Cairo . . .	135	40	3592	-15	374		Trenton . . .	168	28	4145	-265	105	UTAH. Salt Lake C . . .	239	83	4926	-237	46		
Chicago . . .	232	68	5404	-14	191		N.MEX. Albuquerque . . .	180	67	4288	351	347	VT. Burlington . . .	258	43	6498	-295	-130		
Moline . . .	241	72	5790	57	260		Roswell . . .	136	51	3399	-82	535	W. VA. Lynchburg . . .	133	24	3897	23	541		
Indianapolis . . .	200	55	5529	65	318		N.Y. Albany . . .	239	52	6133	89	133	Norfolk . . .	92	-4	2836	-361	355		
Rockford . . .	252	71	6088	33	344		Binghamton . . .	261	57	6341	87	541	Richmond . . .	99	-2	3584	-52	639		
Springfield . . .	214	69	4979	-53	315		Buffalo . . .	229	29	5524	-391	-129	Roanoke . . .	136	24	3878	-30	629		
IND. Evansville . . .	145	28	4085	-166	492		New York . . .	170	26	4127	-219	147	WASH. Quillayute . . .	168	9	4431	-194	-447		
Fort Wayne . . .	221	53	5468	-8	254		Rochester . . .	232	40	5640	-156	156	Seattle-Tacoma . . .	158	19	3991	-206	71		
St. Louis . . .	262	76	6355	122	620		Syracuse . . .	234	43	6697	-79	-23	Spokane . . .	275	50	5951	178	358		
Indianapolis . . .	218	66	5142	11	263		N.C. Asheville . . .	103	-7	3598	-232	532	Walla Walla . . .	165	44	3970	-255	46		
IOWA. Burlington . . .	236	73	5606	82	357		Hatteras . . .	60	-24	2080	-405	378	Yakima . . .	178	32	4883	-308	23		
Des Moines . . .	248	67	5915	-95	395		Charlotte . . .	65	-13	3007	-22	444	W. VA. Beckley . . .	175	30	4804	-121	721		
Dubuque . . .	279	86	6623	194	388		Greensboro . . .	89	-7	3297	-254	194	Charleston . . .	156	40	4352	187	842		
St. Louis . . .	262	76	6355	122	620		Raleigh . . .	84	4	3263	-22	81	Huntington . . .	147	29	4092	-98	620		
KANS. Concordia . . .	218	66	5142	11	263		Wilmington . . .	41	-17	2074	-248	507	Parkersburg . . .	148	22	4354	1	564		
Dodge City . . .	198	58	4569	21	271		N. Dak. Bismarck . . .	363	125	7938	46	-239	WIS. Green Bay . . .	272	55	7011	7	305		
Goodland . . .	244	69	5427	91	202		Fargo . . .	339	99	7651	-476	-803	LaCrosse . . .	280	83	6685	85	308		
Topeka . . .	198	60	4873	108	257		Williston . . .	366	124	7731	-240	-296	Madison . . .	257	49	6461	-282	48		
Wichita . . .	182	59	4498	199	221		OHIO. Akron-Canton . . .	191	20	5095	-344	307	Milwaukee . . .	247	45	6117	-253	245		
St. Louis . . .	154	31	4135	-162	564		Cleveland . . .	196	24	5182	-170	509	WYO. Casper . . .	319	104	6666	344	372		
Louisville . . .	141	21	3934	-300	511		Columbus . . .	184	34	4767	-308	435								