

In the west a Pacific front moved onshore in Washington and Oregon on Wednesday, causing rain all along the coast and rain or snow showers in the mountains.

Thursday brought a drastic deepening of the low as it moved into New York State. The cold front extended straight south to Georgia and into the Gulf. High winds played havoc with power lines and trees as gale winds covered the East from Lake Michigan to Georgia.

The Pacific front moved to Montana with a front trailing into central California. Rainshowers were reported along the coast from the front northward through Washington. Snow fell along and behind the front in the Mountains.

The deep low moved off the New England coast and became quasi-stationary on Friday. A ridge of very cold air was centered from Minnesota to Louisiana. The strong winds continued in the East. Trenton, N.J. experienced the second windiest day in its history when the average wind speed for 24 hours was 27.2 mph. Peak gusts exceeded 60 mph in many areas of the East.

A broad low pressure area centered in Nevada and the cold ridge from Lake Superior to Mississippi combined causing a strong northward flow from the South through the Plains. The upslope flow caused snow in western North Dakota and Montana.

Saturday brought more of the same weather to the East as strong, cold wind continued from New England to Virginia. Snow showers were recorded from the Great Lakes eastward.

A series of low centers were located in Colorado, Nevada and northern California. Light snow continued on the east slopes of the Rockies in North Dakota, Montana, Wyoming and Idaho.

Strong winds continued on Sunday in the East. Snow showers continued on the west side of the mountains from Pennsylvania northward.

The area of low pressure in the Southwest caused rain to spread southward in California and rainshowers or snowshowers in Nevada and Arizona.

TEMPERATURE: Many record low temperatures were set during the week beginning in the upper Plains on Monday moving to Southeastern U.S. by Sunday.

On Monday a cold mass of air moved into the northern Plains and engulfed the area from Minnesota to Montana and south to South Dakota. The Nations lowest temperature was recorded at International Falls, Minn. with a reading of 21° below zero.

By Tuesday the cold air blanketed the large area from Lake Erie southwestward to the Texas Panhandle and into the Rockies. Some record low temperatures were Williston, N.Dak. with 13° below zero and Bismarck, N.Dak. 12° below; the lowest for the date since 1881.

On Thursday the cold air moved south deep into Mexico and east to New York. Galveston, Texas had a record low of 43° and Waco, Texas with 27° was the coldest ever recorded in April.

The wedge of cold air moved further into the Southeast on Friday continuing to topple old records for this time of year. By the end of the week it had engulfed all of the United States except the southern half of Florida. Record temperatures on Sunday included 24° at Charleston, W.Va; 30° at Raleigh, N.C. and 32° at Augusta, Ga. which was the coldest April 6th since 1891. On Saturday a return flow from the south had begun warming the Plains States and on Sunday parts of Colorado and Nebraska recorded a remarkable temperature in the 70's.

NATIONAL AGRICULTURAL SUMMARY

For the Week of March 31 to April 6

HIGHLIGHTS: Subnormal temperatures throughout the Nation slowed growth of much needed pastures and winter wheat. Some possible freeze damage occurred to peach trees from Ohio to South Carolina and to vegetables in central and east Texas. Row crop planting eased ahead in most Southern States. Snow and cold caused additional stress to livestock and new born calves and lambs.

SMALL GRAINS: Below normal temperatures continued to restrict development of winter wheat. Snow cover over much of the Northern Plains helped protect wheat fields from the extremely cold temperatures this late in the season. In Kansas, winter wheat growth was slow. Dry conditions still exist in western areas, leaving the crop vulnerable to wind damage. Elsewhere in the State, soil moisture supplies were adequate. Oklahoma's wheat crop was in good condition and 39% was jointing, much behind last year's 62%. Freezes on April 2d and 3d did little damage. In Texas, wheat made satisfactory progress. Soil moisture is becoming short in many areas. Early fields were in the boot stage in the High and Low Plains, while wheat was heading out and approaching maturity in the south and south central areas. Spraying for greenbugs was necessary in Texas and the southwest and Panhandle of Oklahoma. Wheat in Alabama was in fair to good condition but growth was slow. In Arkansas, the wheat crop was going into the joint stage. In Mississippi, 61% was jointing compared with 85% in 1974 and a normal 51%. Flooding damaged several thousand acres of wheat in Arkansas and Tennessee. Winter wheat in Ohio was in fair to good condition. Some discoloration still prevails in Illinois where wet conditions were increasing the threat of diseases. Recent snow provided needed moisture in some areas of Nebraska. Colorado winter wheat was rated in poor to fair condition, where soil moisture supplies were still short and wind continued to cause damage.

Fall sown small grains were improving in Georgia and North Carolina. Spring seeded grains continue to lag behind normal in most areas in both seeding progress and development. In Ohio, oats were 10% seeded, normally 15%; Missouri, 13% versus 63% in 1974 and an average of 47%; Kansas, 25%, normally 75%. Oats were in the jointing stage in Arkansas and Oklahoma. Barley seeding was also trailing: In Colorado, 7% was seeded versus 21% in 1974; Wyoming, 10% compared with 25% in 1974; Kansas, 30% against the normal 55%. Spring wheat seeding was 3% complete in Wyoming while in Washington seeding was delayed by freezing temperatures.

OTHER CROPS: Row crop planting eased ahead in most Southern States as weather permitted. Plowing (including fall plowing) for corn and soybeans was ahead of normal in several Corn Belt States, but remained 2 weeks behind in Tennessee.

Corn planting started in Virginia and was active in Florida. Planting was delayed in South Carolina with 14% and Georgia with 12% done. Both States were slightly behind normal. Corn planting in the South Central States ranges from 10% finished in Alabama to 47% in Texas. Planting progress in Louisiana and Mississippi was considerably ahead of normal. High germination varieties of seed corn were in short supply in Iowa.

Cotton planting has yet to start in Georgia,

where in 1974 and usually 1% has been planted. Cold weather delayed progress in Texas, 10% of the crop was planted against 11% for both 1974 and average. Cotton land preparations were up to a month late. Cotton planting was well advanced in Arizona but germination was slow.

Cool temperatures stalled germination and growth on already seeded rice in Louisiana. Seeding was 35% complete, nearly double the normal pace. In Texas, rice seeding was 63% finished.

Sorghum planting was 34% done in Texas, however, freezing temperatures damaged early stands in the southern Blacklands.

Tobacco beds were 45% seeded in Ohio, 50% in Kentucky and 70% in Tennessee. Normally 35% have been seeded in Ohio, while 90% are usually done in Tennessee. Tobacco transplanting was limited in South Carolina, where 10% was done, much behind the 28% in 1974, but only slightly behind the normal 11%. In Georgia, transplanting was 52% finished, behind both 1974 and usual progress.

FRUITS AND NUTS: Subnormal temperatures caused some possible freeze damage to peach trees in north central Ohio, southward to South Carolina. Early peach varieties were in poor condition in Georgia. Damage last week was very light, but earlier freeze damage became more evident.

The citrus grove condition was good in Florida, however, rain is needed in all areas as wind was dehydrating the trees. Bloom was completed and orange harvest slow.

In Texas, the citrus harvest is virtually complete. Trees set an excellent fruit crop for next season. Light frosts occurred in California last week, but damage to fruit and nut crops was slight. Navel orange, grapefruit, and avocado harvests progressing; lemon harvest active; and Valencia harvest was slowly increasing.

VEGETABLES: Vegetable harvest was active in south and central Florida. Volume remained heavy with increasing supplies of cucumbers, escarole, lettuce, peppers, squash, strawberries, and sweet corn.

Onion harvest continues in Texas Lower Rio Grande Valley where light supplies of cabbage and carrots were also available. Melons, cucumbers, honeydews and tomatoes were making good growth; elsewhere dry land melons and cucumbers were limited by lack of rain. Frost damaged several hundred acres of tomatoes along with some watermelons and cantaloups in the central and east Texas areas.

In California, artichoke harvest seasonally increasing; broccoli, celery, and lettuce heavy; asparagus, carrots and strawberries active. Replanting processing tomatoes due to soil crusting, wind and frost.

PASTURE AND LIVESTOCK: Subnormal temperatures nationwide continued to slow pasture and range growth, putting more burden on already short feed supplies and over grazed pastures. Extreme cold temperatures and storms caused above normal death losses to new born calves and lambs. Recent storms in North Dakota caused several thousand calf deaths and increased problems with scours and pneumonia. Sheepmen in the California north coast area had heavy predator losses to the lamb crop. In Montana, calving was 50% complete, lambing 40% and shearing 60% finished. Calving in Wyoming was half done and lambing from farm flocks 70% while range flock were 40% complete.

April 6, 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 . . .	52	-7	.4	-.8	La.Baton Rouge . . .	57	-8	.3	-.9	Youngstown . . .	34	-9	.5	-.3
Mobile . . .	59	-5	.3	-1.2	Lake Charles . . .	57	-8	.2	-.7	OKLA.Okla. City . . .	46	-10	T	-.6
Montgomery . . .	57	-5	2.3	+1.1	New Orleans . . .	58	-7	T	-1.1	Tulsa . . .	50	-6	T	-.8
ALASKA, Anchorage . . .	28	-2	.3	+ .2	Shreveport . . .	54	-9	T	-1.1	OREG.Astoria . . .	42	-4	1.9	+ .6
Barrow . . .	---	---	---	---	MAINE.Caribou . . .	25	-6	1.1	+ .6	Burns . . .	30	-11	.5	+ .4
Fairbanks . . .	21	+1	T	-.1	Portland . . .	32	-6	2.7	+1.9	Medford . . .	41	-7	.2	-.1
Juneau . . .	---	---	---	---	MD.Baltimore . . .	45	-4	.3	-.5	Pendleton . . .	42	-6	.1	-.1
Kodiak . . .	---	---	---	---	MASS.Boston . . .	39	-5	1.8	+1.0	Portland . . .	42	-6	.4	-.2
Nome . . .	9	-4	.2	0	Chatham . . .	38	-11	1.5	---	Salem . . .	42	-6	.5	-1.2
ARIZ.Flagstaff . . .	33	-6	.7	+ .3	MICH.Alpena . . .	24	-11	.1	-.4	PA.Allentown . . .	38	-7	2.0	+1.2
Phoenix . . .	60	-4	.2	+ .1	Detroit . . .	32	-11	.7	0	Erie . . .	31	-9	.4	-.4
Tucson . . .	56	-6	T	-.1	Flint . . .	28	-13	1.1	+ .5	Harrisburg . . .	41	-7	.3	-.4
Winslow . . .	46	-4	.2	+ .1	Grand Rapids . . .	29	-12	.5	-.2	Philadelphia . . .	42	-6	.6	-.2
Yuma . . .	62	-6	0	-.1	Houghton Lake . . .	24	-12	.3	-.2	Pittsburgh . . .	38	-7	.7	-.1
ARK.Fort Smith . . .	49	-9	T	-1.0	Lansing . . .	29	-11	1.3	+ .7	Scranton . . .	35	-9	.6	0
Little Rock . . .	50	-7	0	-1.2	Marquette . . .	23	-12	T	-.6	R.I. Providence . . .	39	-4	1.7	+ .8
CALIF.Bakersfield . . .	56	-4	.2	0	Muskegon . . .	31	-9	.9	+ .2	S.C.Charleston . . .	54	-7	.5	-.3
Eureka . . .	44	-5	1.0	+ .1	S. Ste. Marie . . .	19	-14	T	-.5	Columbia . . .	56	-4	2.7	+1.8
Fresno . . .	51	-6	.3	-.1	MINN.Duluth . . .	16	-17	0	-.3	Greenville . . .	50	-7	.5	-.7
Los Angeles . . .	54	-6	.7	+ .3	Internatl Falls . . .	13	-19	0	-.5	S.D.Aberdeen . . .	23	-15	.1	-.3
Red Bluff . . .	49	-7	.4	-.1	Minneapolis . . .	24	-15	T	-.4	Huron . . .	23	-16	T	-.4
San Diego . . .	57	-2	.5	+ .2	Rochester . . .	25	-13	T	-.5	Rapid City . . .	29	-10	.1	-.3
San Francisco . . .	48	-6	1.1	+ .6	St. Cloud . . .	20	-16	T	-.4	Sioux Falls . . .	26	-14	T	-.4
Stockton . . .	49	-7	.4	0	MISS.Jackson . . .	54	-8	.1	-1.1	TENN.Chattanooga . . .	49	-7	.2	-1.0
COLO.Denver . . .	34	-9	.6	+ .2	Meridian . . .	53	-9	1.9	+ .6	Knoxville . . .	49	-7	.8	-.1
Grand Junction . . .	43	-4	.2	0	MO.Columbia . . .	41	-9	.1	-.7	Memphis . . .	51	-7	T	-1.3
Pueblo . . .	44	-3	.1	-.1	Kansas City . . .	40	-9	.7	-.1	Nashville . . .	48	-8	.1	-.9
CONN.Bridgeport . . .	40	-4	1.1	+ .3	St. Louis . . .	41	-10	T	-.9	TEX.Abilene . . .	53	-8	0	-.4
Hartford . . .	39	-4	2.2	+1.3	Springfield . . .	45	-7	.1	-.8	Amarillo . . .	48	-4	0	-.2
D.C.Washington . . .	48	-4	.1	-.6	MONT.Billings . . .	27	-12	.3	0	Austin . . .	59	-6	.1	-.5
FLA.Apalachicola . . .	62	-3	.3	-.7	Glasgow . . .	18	-18	.1	0	Beaumont . . .	57	-8	T	-.8
Daytona Beach . . .	71	+4	.1	-.6	Great Falls . . .	15	-23	1.2	+1.0	Brownsville . . .	69	-3	0	-.2
Ft. Myers . . .	73	+2	0	-.6	Havre . . .	17	-20	.7	+ .5	Corpus Christi . . .	66	-4	0	-.4
Jacksonville . . .	61	-4	.1	-.7	Helena . . .	22	-15	.6	+ .4	Del Rio . . .	64	-4	.4	+ .1
Key West . . .	78	+1	0	-.6	Kalispell . . .	29	-8	T	-.2	El Paso . . .	56	-4	0	-.1
Lakeland . . .	70	0	T	-.7	Miles City . . .	27	-12	.4	+ .2	Fort Worth . . .	54	-7	.1	-.7
Miami . . .	75	+1	T	-.7	Missoula . . .	33	-6	.1	-.1	Galveston . . .	61	-5	T	-.6
Orlando . . .	70	+1	T	-.7	NEBR.Grand Island . . .	35	-9	.1	-.3	Houston . . .	59	-7	.1	-.6
Tallahassee . . .	59	-6	.4	-.7	Lincoln . . .	36	-9	.2	-.3	Lubbock . . .	53	-3	T	-.1
Tampa . . .	69	-1	T	-.8	Norfolk . . .	30	-12	.2	-.2	Midland . . .	56	-4	0	-.1
W.Palm Beach . . .	71	-1	T	-.8	N.Platte . . .	34	-8	.1	-.3	San Angelo . . .	57	-6	0	-.3
GA.Atlanta . . .	51	-6	2.3	+1.1	Omaha . . .	36	-8	.4	-.1	San Antonio . . .	60	-6	.3	-.2
Augusta . . .	53	-7	2.3	+1.4	Valentine . . .	28	-12	.3	0	Victoria . . .	64	-3	T	-.5
Macon . . .	57	-5	.6	-.4	NEV.Ely . . .	31	-6	.4	+ .2	Waco . . .	55	-8	T	-.8
Savannah . . .	55	-8	.1	-.7	Las Vegas . . .	53	-7	.8	+ .7	Wichita Falls . . .	54	-6	0	-.6
HAWAII,Hilo . . .	72	0	4.0	+ .9	Reno . . .	35	-9	.4	+ .3	UTAH,Blanding . . .	39	-4	.1	-.1
Honolulu . . .	74	0	.5	0	Winemucca . . .	36	-5	.1	0	Salt Lake City . . .	43	-2	T	-.5
Kahului . . .	75	+2	T	-.4	N.H.Concord . . .	33	-6	1.8	+1.2	VT.Burlington . . .	29	-9	1.1	+ .5
Lihue . . .	73	+1	.3	-.6	N.J.Atlantic City . . .	41	-6	1.7	+ .8	VA.Lynchburg . . .	46	-6	.4	-.3
IDAHO,Boise . . .	39	-6	.4	+ .2	Trenton . . .	40	-8	.8	0	Norfolk . . .	48	-6	.4	-.2
Lewiston . . .	41	-6	.2	0	N.MEX.Albuquerque . . .	48	-4	T	-.1	Richmond . . .	48	-5	.4	-.3
Pocatello . . .	36	-5	.5	+ .3	Roswell . . .	33	-9	2.0	+1.4	Roanoke . . .	45	-7	.2	-.5
ILL.Cairo . . .	48	-7	T	-1.0	N.Y.Albany . . .	33	-9	2.0	+1.4	WASH.Colville . . .	36	-7	.2	0
Chicago . . .	32	-13	1.2	+ .4	Binghamton . . .	27	-12	1.2	+ .5	Omak . . .	38	-7	.1	-.1
Moline . . .	32	-13	.5	-.3	Buffalo . . .	27	-13	1.4	+ .7	Quillayute . . .	39	-5	1.5	-.7
Peoria . . .	34	-12	1.4	+ .5	New York . . .	40	-7	.9	0	Seattle-Tacoma . . .	41	-5	.8	+ .1
Rockford . . .	30	-13	.4	-.4	Rochester . . .	26	-15	1.3	+ .7	Spokane . . .	34	-8	.6	+ .3
Springfield . . .	38	-10	.2	-.7	Syracuse . . .	29	-12	1.9	+1.2	Walla Walla . . .	43	-7	.1	-.2
IND.Evansville . . .	46	-6	T	-1.0	N.C.Asheville . . .	46	-6	.1	-.8	Yakima . . .	40	-6	.1	0
Ft. Wayne . . .	35	-9	.4	-.4	Charlotte . . .	50	-7	.5	-.4	W.Va.Beckley . . .	39	-8	.2	-.6
Indianapolis . . .	41	-6	.1	-.8	Greensboro . . .	50	-4	.2	-.6	Charleston . . .	43	-8	.4	-.4
South Bend . . .	33	-10	1.2	+ .3	Hatteras . . .	50	-5	1.0	+ .2	Huntington . . .	45	-6	.4	-.4
IOWA,Burlington . . .	34	-12	T	-.8	Raleigh . . .	49	-6	.6	-.2	Parkersburg . . .	43	-7	.6	-.2
Des Moines . . .	32	-11	.4	-.2	Wilmington . . .	54	-6	1.4	+ .6	WIS.Green Bay . . .	26	-12	.1	-.4
Dubuque . . .	28	-14	.7	-.2	N.DAK.Bismarck . . .	15	-21	.1	-.2	La Crosse . . .	29	-12	0	-.6
Sioux City . . .	30	-13	.3	-.1	Fargo . . .	17	-18	T	-.4	Madison . . .	29	-10	.4	-.2
KANS.Concordia . . .	41	-6	.1	-.3	Williston . . .	16	-19	.6	+ .3	Milwaukee . . .	29	-11	1.3	+ .7
Dodge City . . .	45	-4	T	-.3	OHIO.Akron-Canton . . .	38	-6	.5	-.3	WYO.Casper . . .	30	-7	.2	-.1
Goodland . . .	40	-3	.1	-.2	Cincinnati . . .	43	-6	.2	-.7	Cheyenne . . .	28	-10	.3	0
Topeka . . .	42	-7	.9	+ .1	Cleveland . . .	34	-9	.3	-.5	Lander . . .	31	-7	.4	-.1
Wichita . . .	44	-7	.1	-.5	Columbus . . .	41	-6	.1	-.7	Sheridan . . .	27	-11	.2	-.2
WY.Lexington . . .	43	-8	.2	-.8	Dayton . . .	41	-5	T	-.8	P.R.San Juan . . .	79	+2	T	-.5
Louisville . . .	45	-6	.1	-1.0	Toledo . . .	35	-8	.5	-.1					

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: Cooler temperatures with one period of heavy rain. Rains 2d covered State. In central, accumulations ranged 3.00 to 4.00 in. Mitchell Dam, heaviest of 5.69 in. Lows morning of 4th reached freezing levels over Tennessee Valley of 25°. Temperatures averaged 7° subnormal.

Two days suitable fieldwork south, one day other areas. Corn 10% planted, 1974 14%, average 12%. Land 25% plowed. Soil moisture adequate to surplus south, surplus remainder. Wheat fair to good condition, growth slowed by colder weather. Normal insect and disease damage continue. Pastures and livestock poor to fair condition. Livestock marketings higher than previous week and 1974.

ARIZONA: Unseasonably cold week. Mean temperatures mostly 4 to 6° below normal. Light precipitation 31st, 1st with snow above 5,000 feet. Then dry until 6th with snow at 4,000 foot level. Precipitation ranged 0.50 in. northwest to near zero southwest.

Cotton planting well advanced, germination slow. Small grains, safflower good progress. Sorghum planting limited. Alfalfa hay activity increasing. Sugarbeet growth generally good, some freezing in Cochise County. Mixed vegetable harvest active Salt River Valley, Yuma. Some cucumbers, watermelons, cantaloups damaged Maricopa County by cold or hail. Lettuce Cochise County satisfactory growth. Maricopa County Valencia orange picking, sales limited. Yuma Valencia harvest increasing. Cattle condition good. Range forage mostly good. Rain should improve spring feed, water supplies. Sheep condition mostly good, shipments spring lambs active.

ARKANSAS: Most of State dry during week, trace amounts widely scattered. Temperatures cool, ranging 6 to 10° below normal. Extremes: 80 and 23°.

Fieldwork progress slow. Soil moisture surplus. Fertilizer and fuel supplies adequate. Cotton land preparation a month late. Few well-drained fields disced. Some fertilizer and preplant herbicide applied. First rice fields seeded near end of week. Most fertilizer applied on small grains, promoting good growth. Wheat and oats going into joint stage. Flooding damaged several thousand acres of wheat. Peaches experienced little frost damage. Strawberries spared significant damage because crop is late. Apples in no danger. Cool weather slowed hay and pasture growth. Fertilization rates down. Pastures below normal. Cattle thin, poor condition.

CALIFORNIA: Cool weather with some precipitation continued. Precipitation most areas on 31st, north central midweek. Most areas except Desert southeast 4th. Weekly amounts ranged from over 1.00 in. northern mountain sections to little or none south. Minimum temperatures generally remained above 32° low valleys except upper 20's to low 30's at times some coastal valleys. Averages from 1 to 5° below normal some coastal to 5 to 10° below normal southeast interior.

Small grains look good, some fields heading out. Alfalfa treated for weevils. Rice fields dried considerably. Overwintered beets dug. Milo, corn planting soon. Light frosts past week.

Frost protection utilized. Damage fruit nut crops slight. Many fruits in various stages bloom. Grapes leafing out two weeks late. Navel orange, grapefruit and avocado harvests progressing. Lemon harvest active. Valencia harvest slowly increasing. Heavy bloom southern citrus and avocados. Date pollination active. Artichoke seasonally increasing. Asparagus active Imperial, Delta. Broccoli heavy Santa Maria. Cauliflower supply good. Carrot active Desert, increasing Kern. Celery heavy Oxnard, good quality. Lettuce harvest progressing well. Strawberry increasing south. Replanting processing tomatoes due to soil crusting, wind, frost. Condition livestock varied. Supplemental feeding declining. Cattle being moved onto irrigated pastures San Joaquin Valley. Sheepmen north coast report heavy predator losses to lamb crop. Winds have caused rapid drying and some areas grasses beginning to mature. Stock water supplies remain ample.

COLORADO: Snow over most of State early in week, followed by bitter cold weather midweek. Several record-breaking lows set east on morning of 2d. Warming again by end of week. Denver low temperature of 2° below zero on 2d not only broke record for date but also for month of April and for so late in season.

Extreme cold early week kept fieldwork at standstill. No progress planting crops. Spring barley 7% planted compared 27% 1974 and 23% average. Oats 17% seeded compared 27% 1974 and 25% average. Sugarbeets 5% planted, 13% 1974 and 9% average. Winter wheat and barley fair to poor condition, soil moisture short. Wind continues cause damage. Heavy calf and cattle losses few locales during previous week storm.

FLORIDA: Fair, warm days, cool nights. Temperatures averaged several degrees above normal except near or a little below west. Rainfall zero or less than 0.25 in. central and south, generally less than 0.50 in., north and west.

Soil moisture adequate west and north, short central and south. Spring planting good progress. Corn planting active. Land preparation for peanuts and soybeans underway all areas. Some peanuts planted. Sugarcane harvest about complete. Young cane good to excellent condition. Small grains good progress. Grazing conditions range from poor to good. Shortage of moisture in Peninsula continues to limit growth of permanent pasture grasses. Cattle and calves are in fair condition. Citrus grove condition good. Rain needed all areas, wind dehydrating trees, some leaf wilt. Bloom completed, orange harvest slow. Vegetable harvest active south and central, volume heavy. Increasing supplies sweet corn, cucumbers, escarole, lettuce, peppers, potatoes, squash, strawberries. Supplies declined snap beans, celery - all others remained at about same level.

GEORGIA: Heaviest rainfall north half, 2.00 to 3.00 in., 0.50 to 1.00 in. central, and less than 0.50 in. extreme south. Temperatures averaged 2 to 5° below normal extreme north, elsewhere near normal.

Soil moisture mostly surplus. Wet soils and

cool temperatures limited fieldwork to 2 days. Tobacco fair to good, transplanting 52% complete, 1974 and average both 57%, some wind damage. Corn mostly fair, 12% planted, equal 1974 and average 13%. No cotton planting so far, both last year and average were 1%. Small grains fair to mostly good, heading south, some disease and insect problems. Early peach varieties poor, others fair to good. Cold damage last week very light, but earlier damage became more evident. Watermelons mostly fair to good, 44% planted, germination and growth restricted. Vegetables mostly fair, planting slow. Pastures fair to mostly good. Cattle fair, hogs good.

HAWAII: Weather continued cloudy. Some heavy rains Kahuku area on Oahu 31st. Rainfall light elsewhere.

Crop condition fair to good and improving. Vegetable, banana, papaya supplies light. Pastures in good condition. Moisture adequate. Pineapple harvesting light. Sugar harvesting near full swing.

IDAHO: Temperatures 6 to 12° below normal. Maxima mid-50's to mid-60's southwest, mostly 40's and 50's elsewhere. Minima, teens and sub-teens east, upper teens to 20's elsewhere. Precipitation throughout, but amounts were generally below normal. Greatest precipitation amount 0.90 in. at Grangeville.

Field activity picked up as spring seeding underway on lighter soils southwest and south central. Seed potato movement continues active. Cattle are beginning to show effects of adverse weather in some areas. Calving and lambing active with high death losses in some localities because of cold, wet, windy weather conditions.

ILLINOIS: Temperatures 6° below normal south, 13° below normal extreme north. Precipitation ranged from trace extreme southwest and 0.25 in. other south section to over 1.00 in., north.

Winter wheat, legumes mostly good condition. Wheat some discoloration. Wet conditions increasing threat of diseases, warm, dry weather needed. Alfalfa some winter damage. Oat seeding 20% complete, below both 1974 and average. Mostly winter oats. Plowing for corn and soybeans 65% complete. Pastures fair to good, supplying 25% roughage requirements. Fruit tree freeze damage light. Fertilizer, fuel, pesticide, supplies adequate. Livestock mostly good condition. Soil moisture adequate 41%, surplus 59%. Main field activities plowing and fertilizer application. One-half day suitable fieldwork.

INDIANA: Cold but sunny week. Temperatures averaged 6° below normal in south, 9° north. Severe snow storm Chicago area. Most snow in State, now melted. Very little precipitation in south.

Soil temperatures 4 to 7° below normal. Fieldwork averaged 2 days. Topsoil moisture adequate to mostly surplus. Vegetative development and fieldwork progress 2 days behind usual. Corn and soybean land 40% plowed, week ahead of average, 45% in 1974. Oats 15% seeded, 5% in 1973 and 1974. Pastures poor to fair.

IOWA: Temperatures 12 to 16° below normal. Precipitation 0.20 to 0.40 in. below normal. Precipitation mostly snow fell April 1st and 2d. Greatest amount southeast.

Little or no fieldwork started. Plowing 59% complete, 53% 1974 and average 47%. Fertilizer adequate, many report decline in fertilizer

use. High germination variety seed corn short. Topsoil moisture adequate. Subsoil moisture short northwest, adequate elsewhere.

KANSAS: Temperatures averaged 1 to 7° below normal. Moisture received northeast, from 1 to 4 in. snow. Record low temperatures northeast on the 3d.

Wheat growth slowed by low temperatures. Dry in west. Adequate moisture eastern two-thirds of State. Soil-borne mosaic evident many fields south central. Spring oats 25% seeded compared with 75% normal. Spring barley 30% seeded compared with 55% normal.

KENTUCKY: Temperatures averaged 6 to 8° below normal. Near normal through 2d, well below the remainder. Precipitation 2d and 3d averaged less than 0.10 in. west and about 0.33 in. east.

High water subsided during week, but wet soils limited fieldwork. Outside activities limited to 3.5 days. Some tobacco beds prepared and seeded during week, 50% seeded, 5% up. Pasture renovation behind schedule; some fertilizing and seeding done, condition 80% normal. Small grains made slow growth, some flood damage, average 6 in. high. Spring plowing less than 33% completed. Peaches 60% budding or in bloom, apples 33%.

LOUISIANA: Temperatures 4 to 8° below normal. Extremes: 83° on 2d, 28° Ashland on 4th. Precipitation scattered throughout week. Greatest 1-day total 2.35 in. Covington on 30th.

Soil moisture surplus northeast and northwest, mostly adequate elsewhere. Land preparation hampered by wet soils north. Main activities rice planting and sugarcane cultivation. Days favorable for fieldwork averaged 4.0. Corn planting 30% complete, same as 1974, 10% ahead of normal. Rice farmers made good progress preparing seedbeds and seeding; over 35% seeded, 30% 1974, average 18%. Cool weather slowed germination and growth, some water mold. Sugarcane fertilization, cultivation, and herbicide application active. Growth behind last year due to cool weather. Strawberry harvest increased, quality good. Vegetable planting in south making good progress. Some cold damage to tomatoes and eggplants. Small grain and pastures some improvement. Cattle fair.

MARYLAND AND DELAWARE: Temperatures averaged normal or slightly below. Highs mid 50's to 70's, lows mid 20's to mid 30's except 18° west. Severe winds 3d and 4th caused extensive damage throughout two States. Precipitation all areas ranged 0.27 to 3.40 in., heaviest southern Delaware and Southern Eastern Shore.

Limited progress fieldwork. Soils wet early and extreme winds late in week. Some wind damage to trees and farm buildings many areas. Low temperatures with wind produced chill factor endangering vegetation and bringing discomfort to livestock.

MICHIGAN: Winter storm with gale force winds brought heavy snow to southern Lower Peninsula. Temperatures were exceptionally low, averaging from 8 to 13° below normal in Lower Peninsula and 4 to 19° below in Upper Peninsula. Precipitation in southern and central Lower Peninsula ranged from 0.50 to 1.30 in. and varied from 0 to 0.30 in. elsewhere. Snowfall was over 12 in. northern thumb and south central Lower Peninsula with 17 in. at Flint in 24 hours. The heavy snow with strong winds disrupted travel and downed telephone and power cables.

No fieldwork accomplished.

MINNESOTA: Very cold dry week. Temperatures averaged 14 to 18° below normal. Extremes: 21° below zero International Falls on 31st, 46° above far southeast on 6th. Traces to very light amounts over State, 0.40 to 0.50 in. below liquid normal. Snow on ground at week's end: 18 to 28 in., north-east; 9 to 17 in. central, and 2 to 8 in. elsewhere.

Wintry temperatures continued and postponed field activity most of week. Hay supplies getting depleted and are costly.

MISSISSIPPI: Rain on 30th north and 2d in south. Temperatures averaged 8° subnormal. Extremes: 87 and 25°. Greatest 24-hour rainfall was 4.02 in., northwestern Prentiss County.

Soil moisture mostly surplus. Fieldwork: 1.7 days suitable. Plowing 30% complete, 61% 1974, normal 46%. Irish potatoes 70% planted, 92% 1974. Wheat 61% jointing, 85% 1974, normal 51%. Oats 65% jointing, 85% 1974, normal 47%. Corn 18% planted, 15% 1974, normal 5%. Condition of wheat, oats, and truck crops fair to good. Condition of Irish potatoes, peaches, and pastures mostly fair. Condition of livestock poor to fair.

MISSOURI: Temperatures below normal throughout. In north, temperatures were as much as 15° below normal, in south, temperatures were generally 8 to 12° below normal. Heaviest precipitation was in Bootheel, averaged 2.00 in. Poplar Bluff and Cairo received more than 3.00 in. Precipitation ranged down to an average of only 0.10 in. west Ozarks.

Fieldwork: one-half day suitable. Oats 13% sown, 63% 1974, 47% average. Intended plowing 27% complete, 46% 1974. Wheat in mostly fair to good condition. Pastures mostly fair condition. Fertilizer and motor fuel supplies adequate. Soil moisture adequate northwest to mostly surplus remainder.

MONTANA: Extreme cold with below normal average temperatures. Coldest east of Divide where average temperatures were as much as 20° below normal. Brief warm spell midweek. Wet most of east, where locally heavy snows produced amounts up to 1 in. above normal. West of Divide precipitation light.

Fieldwork delayed by snow and cold. Winter wheat mostly fair. Topsoil moisture adequate most areas. Ranges dormant. Most livestock on supplemental feed. Calving losses above average in many eastern areas. About 50% calving, 40% lambing and 60% shearing done.

NEBRASKA: Precipitation 0.40 in. west and north to 0.10 in. south. Temperatures averaged 10° below normal.

Fieldwork: 1.0 days suitable. Topsoil moisture supplies short 39%, adequate 56%, surplus 5%. Subsoil moisture supplies short 91%. Winter wheat fair condition. Recent snow providing needed moisture some areas. Some wind erosion occurred. Alfalfa and wild hay fair condition. Sugarbeet ground preparation and planting started. Pasture and range feed conditions short 91%. Moisture warm temperatures needed.

NEVADA: Temperatures averaged 7 to 10° below normal. Extremes: 2° Mountain City, 75° Las Vegas. Precipitation all areas, from 0.01 in. Tonopah and Wendover to 1.21 in. Austin. Some Sierra snow depths: Echo Summit 161 to 228 in., Norden 149 in., Mt. Rose 96 in., Tahoe City Coast Guard 74 in., and Daggett Pass 73 in.

Little progress seedbed preparation north.

Some progress for cotton planting Pahrump Valley. Normal progress calving and lambing. Range, pasture feed prospects mostly good.

NEW ENGLAND: Most severe storm of season struck April 2d and lasted through 5th. The storm established a record low pressures for April and in some sections dropping 2.00 to 4.00 in. of rain which produced near flood conditions southern areas and 2 to 3 ft. snow northern areas. Temperatures near normal except on 1st when lows of 5° above zero were recorded Greenville, Maine and highs of 66° Windsor Locks.

NEW JERSEY: Another cold week with individual days as much as 15° below normal. Averages 37° north, 41° south, and 40° coastal. Extremes: 68° Bridgeton and 15° at Newton. Rainfall averaged 1.41 in. north, 0.86 in. south and 1.49 in. coastal. Some heavier storm totals: 2.35 in. at Belvidere Bridge and 2.28 in. at Newton on 2d and 3d. Trace snowfall on 3d and 4th while gale force winds swept State on 3d through 5th.

Soil moisture remains close to 100% of field capacity. Strong winds caused damage to farm buildings in some areas. Cold wet weather reducing field activities. Germination of recently planted vegetables and blooming of fruit trees delayed by cold temperatures.

NEW MEXICO: Week was essentially dry with only a few light showers in mountain sections. Considerable warming 31st and then again 4th and 5th, turning windy and a little cooler on 6th. Temperatures averaged about 2° cooler than seasonal normals.

Ground moisture short to adequate, strong winds drying topsoil. Cold temperatures nipped first fruit buds north. Wheat, barley, oats, alfalfa fair to good with few insect problems. Alfalfa dormant north due to cold, early first cut expected south. Vegetables in Mesilla Valley good. Potato planting active, east. Ranges fair along northern borders, good elsewhere. Livestock fair to good with calving, lambing, shearing active. Some livestock death loss due to noxious weeds on rangeland.

NEW YORK: Unusually cold and wet week. Temperatures 6 to 15° below normal and precipitation above normal in all but a portion of the southwest. Temperatures extremes: 65° Poughkeepsie, 11° Saranac Lake. High in northwest only in upper 30's. Rain south and west, amounts over 1.00 in. caused local flooding southeast. Precipitation mixed northeast but mostly snow extreme north and mountains. Snow resumed after storm passed, and strong winds with snow or flurries continued into weekend. Barometer under 29 in. most stations. Albany's 28.87 was the lowest recorded in April. Four-day snowfall from 1 to 2 ft. north with 2 to 8 in. elsewhere except extreme southeast. Saranac Lake had third biggest snow in 17-year history of station of 25 in.

NORTH CAROLINA: Temperatures 1 to 3° subnormal west and 1 to 2° above normal east. Rainfall 0.75 to 1.00 in. during week.

Fieldwork: 1.7 days suitable. Soil moisture 22% adequate, 78% surplus. Small grain condition improving, 35% fair, 65% good. Flue-cured tobacco plant beds 38% good, 62% fair. Spring Irish potatoes fair, peaches poor to good condition. Labor, fuel, fertilizer supplies adequate for demand.

NORTH DAKOTA: Unusually cold week averaging about 21° below normal. Range from 23° below normal south central and southeast to 19° below

normal southwest. Extremes: -17° at Pembina and Upham to 40° at Lemmon and Amidon. Precipitation averaged normal, ranging from 0.19 in. below normal east central to 0.20 in. above normal northwest. Greatest one day precipitation at Wahpeton with 1.22 in. on 31st. Snow cover ranges from 2 in. at Grand Forks to 18 in. at Dickinson.

Farmers busy feeding livestock as snow cover general over State. Many farmsteads full of drifted snow. Roughage supplies mostly adequate. Fieldwork expected to start about April 19th, 4 days later than usual. Calving and lambing in full swing. Calf losses to date from recent storm estimated 10,000-15,000 head. Future problems with scours and pneumonia anticipated.

OHIO: Tornado sighted in Warren County on 2d. Precipitation trace west to 0.73 in. south. Temperature 19° at Mansfield 79° Cincinnati.

Plowing for corn and soybeans over 60% complete, 50% average and 60% 1974. Most progress in west. Oat seeding less than 10% finished, 15% average and 10% 1974. Sugarbeet planting less than 5% complete, average 10%. Potato planting started, 5% normal. Tobacco beds seeded 45%, 35% 1974 and average. Early spring cabbage setting near completion. Winter wheat condition fair to good. Pasture condition poor to good. Peach bud damage north central. Moisture supplies adequate 43%, surplus 57% fieldwork: Over 2 days favorable. Fertilizer supplies adequate with reported nitrogen shortage.

OKLAHOMA: Temperatures ranged from 12 to 15° subnormal. Precipitation light ranging from a trace Panhandle to 0.30 in. northeast. Weekend cool to mild with showers most areas.

Wheat 39% jointing, 62% 1974, condition good. Freezes April 2d to 3d did little damage to small grains. Barley 9% jointing, oats, 13% year ago barley 28%, oats 27%. Greenbug problems persists southwest, Panhandle. Adequate to surplus moisture all areas except Panhandle. Land preparation row crops slowly moving ahead. Preliminary appraisals indicate considerable freeze damage to fruit. Livestock mostly fair condition, pastures short but greening some.

OREGON: Temperatures averaged below normal. Maximum temperatures in 60's, first of week, in 40's end of week. Minimum temperatures ranged from 20's and 30's. Precipitation ranged from 0.50 to 1.75 in. along coast and in Willamette Valley, 0.10 in. or less east of Cascades.

Minimal winterkill to fall seeded grains. Little reseeding to occur. Seeding spring grains. Fertilizing, spraying, and plowing. Most fruit will bloom 1 to 2 weeks late because of cool weather. Dormant sprays being applied. Potato plantings underway in most areas. Onion deal finished. Green pea seeding progressing. Cattle and sheep in fair to good condition. Pasture and range lands in poor condition, east; fair condition, west. Feed supplies adequate.

PENNSYLVANIA: Very intense storm mid-period. Temperatures averaged 6 to 12° subnormal for coldest week in last month despite 50 and 60° on 1st and 2d. Extremes: 72° southeast on 1st, 12° central mountains 4th and 5th. Damaging winds to 90 mph in several southeastern areas on 3d. Precipitation mostly midweek totaled 0.50 to 1.50 in. most areas, up to 2.00 in. east central. Snow flurries all areas with up to 7 in. new snow northwest and northeast mountains last half of week.

Limited plowing continues.

PUERTO RICO: Island average rainfall 0.52 in. Highest weekly total 2.55 in. at La Mudacaguas. Highest 24-hour total 1.40 in. at La Mudacaguas and Palmarito. Temperatures averaged about 76° on coasts and 70° interior. Extremes: 92 and 55° .

Dry weather favorable for sugarcane harvesting. Good percentage in sugar content of cane. Weather favorable for cultivation of coffee trees and drying of beans but too dry for fertilizing operations. Ideal weather for harvesting and curing of tobacco, but very dry for good development of small plantings. Pastures becoming scarce all areas and rains needed for good development. Dry weather also hindering growth of food crops, but favored preparation of soil for planting.

SOUTH CAROLINA: Weather varied from wet, cool during first of period to dry, cool at end. Temperature departures at end mostly 6 to 10° below normal. Scattered frost occurred interior areas near end week, and weekend over most of inland areas with freezing weather many locations northwest. Rainfall heavy central, southern areas on 2d and 3d Wednesday, with lesser amounts northwest. Flash flooding occurred some smaller streams central.

Excessive soil moisture prohibited land preparation and planting many areas. No planting of cotton and peanuts yet. Transplanting tobacco limited with adequate supply of plants, 10% planted, 28% 1974, 11% average. Tobacco plant beds remain in good condition. Peaches suffered light frost damage some areas. Vegetable planting behind schedule with watermelon 30% planted, 37% normally. Corn planting also delayed due to excessive soil moisture conditions, 14% planted, 20% 1974, and 15% average.

SOUTH DAKOTA: Temperatures averaged 9 to 14° below normal south, 14° to 23° below normal north. Precipitation light with most areas less than 0.10 in. Extreme south and west received 0.30 in. moisture. Extremes: -13° Faulkton on 3d, 64° Oelrichs on 4th.

Calving and farrowing underway, lambing almost over. Normal results mostly, although some abortions as result of storm and cold stress. Scooping snow, repairing machinery and caring for livestock are main farm activities. Livestock losses due to the blizzards the last week in March were generally light. No fieldwork was attempted due to snowcover and wet fields.

TENNESSEE: North to northeast winds caused temperatures to average 6 to 8° below seasonal normals. Rainfall averaged very light west to near 0.75 in. east, well below seasonal normals.

Spring plowing and planting continue 2 weeks behind normal. Flooding damaged crops, particularly wheat and fields. Surplus soil moisture throughout. Tobacco 70% sown, normal and 1974 90%. Pastures late and short. Hay short supply, still being fed. Cattle thin and poor condition. Some peaches damaged by frost.

TEXAS: Arctic front entered Panhandle on 1st and moved through all State by night of 2d. Moisture returned end week, cloudiness spread central, brought rain, thundershowers Edwards Plateau, and south. Rainfall below normal except Edwards Plateau, South. Temperatures 5 to 10° below normal except south near normal.

Planting cotton, corn, sorghum, rice satisfactory progress, delays caused by cool, damp

weather. Early flax south approaching maturity. Wheat upright growth High, Low Plains, early fields boot stage. South and south central heading out, approaching maturity. Short moisture but grain crop prospects excellent. Greenbug spraying necessary. Cold damp weather delayed cotton planting Blacklands and south central. Early stands poor growth development. Seedbed preparation continues High, Low Plains, Trans-Pecos. Sorghum planting delayed somewhat. Freeze southern Blacklands damaged early stands, replanting necessary far south as upper Gulf Coast. Major crops - percent planted: Cotton 10, 1974 11, average 11; sorghum 34, 1974 36, average 30; rice 63, 1974 57, average 57; peanuts 9, 1974 7, average -; corn 47, 1974 49, average 44; sugarbeets 60, 1974 75, average 51. Lower Rio Grande Valley: Onion harvest continues. Light supplies of cabbage and carrots. Tomatoes, cantaloups, cucumbers and honeydews making good progress. Coastal Bend: Irrigated watermelons making good progress. Dry land melons suffering from drought. Cucumber growth limited by lack of rain. San Antonio-Winter Garden: Potatoes, onions and cabbage making good growth. Cucumbers had to be replanted some areas because of frost damage. Irrigated melons making good growth, dry land melons need moisture badly. Light carrot harvest continues. Central and East: Several hundred acres of tomatoes lost and some watermelons and cantaloups killed by cold weather. Citrus harvest is virtually complete. Trees set an excellent fruit crop for next season. Livestock good condition High, Low Plains but southern half condition rapidly declining. Short moisture cool weather restricted growth native pastures and overstocking common most localities. Eastern areas moisture adequate, range livestock show improvement.

UTAH: General rain or snow early period with new storm moving into northwest over weekend. Accumulated amounts of moisture locally moderate to heavy. Very cold air associated with storms but marked warming in between. Average temperatures ranged from 6 to 15° below normal. Most extreme minimum temperatures well below freezing.

Land preparation and early spring planting still at a stand still. Below normal temperatures held back bloom of early blossoming fruit trees. Soil moisture good most areas. Irrigation water stored in major reservoirs on April 1 above average but less than a year ago. Range calving in progress. Sheep sheering and some range lambing underway.

VIRGINIA: Precipitation light, occurring as showers on 3d. Temperatures averaged a little below normal. Mild then turning colder late in period. Extremes: 79 and 15°.

Fieldwork: 2.3 days suitable. Topsoil moisture 57% surplus, 43% adequate. Corn planting just started, normally 1% by this date. More tobacco plantbeds reseeded. Need warm, dry weather to insure adequate supply of good quality plants. Small grains topdressed, herbicides applied by airplane some areas. Grains in gen-

erally good condition. Fruit prospects good. Possible freeze damage peach area. Pastures good condition. Feeder calves being marketed. High wind, recent floods damaged buildings and fences.

WASHINGTON: West: Temperatures 3 to 6° sub-normal, average maximum in 40's and 50's and minimums in 30's. Rain mixed with snow totaled 0.10 to over 1.00 in.

Soil preparation, fertilizing and spraying increasing. Planting new raspberries and early vegetables. Strawberries and canberries showing some growth, but most other crop slowed by cool weather. Daffodil harvest continued. Livestock remained on winter rations. East: Temperatures 4 to 7° subnormal, average maxima 50's and minima 20's, and 30's, Trace rain and snow end of period.

Dormant fruit spraying hampered. Pruning and orchard heater, installation continued. Bud development behind normal. Planting potatoes, sugarbeets, asparagus, cereal grains, and green peas. Dryland grain growers fertilizing and some working summerfallow, most spring seeding delayed by freezing temperatures. Pasture and range growth very slow. Stockmen continue to have calving and lambing losses from cold weather.

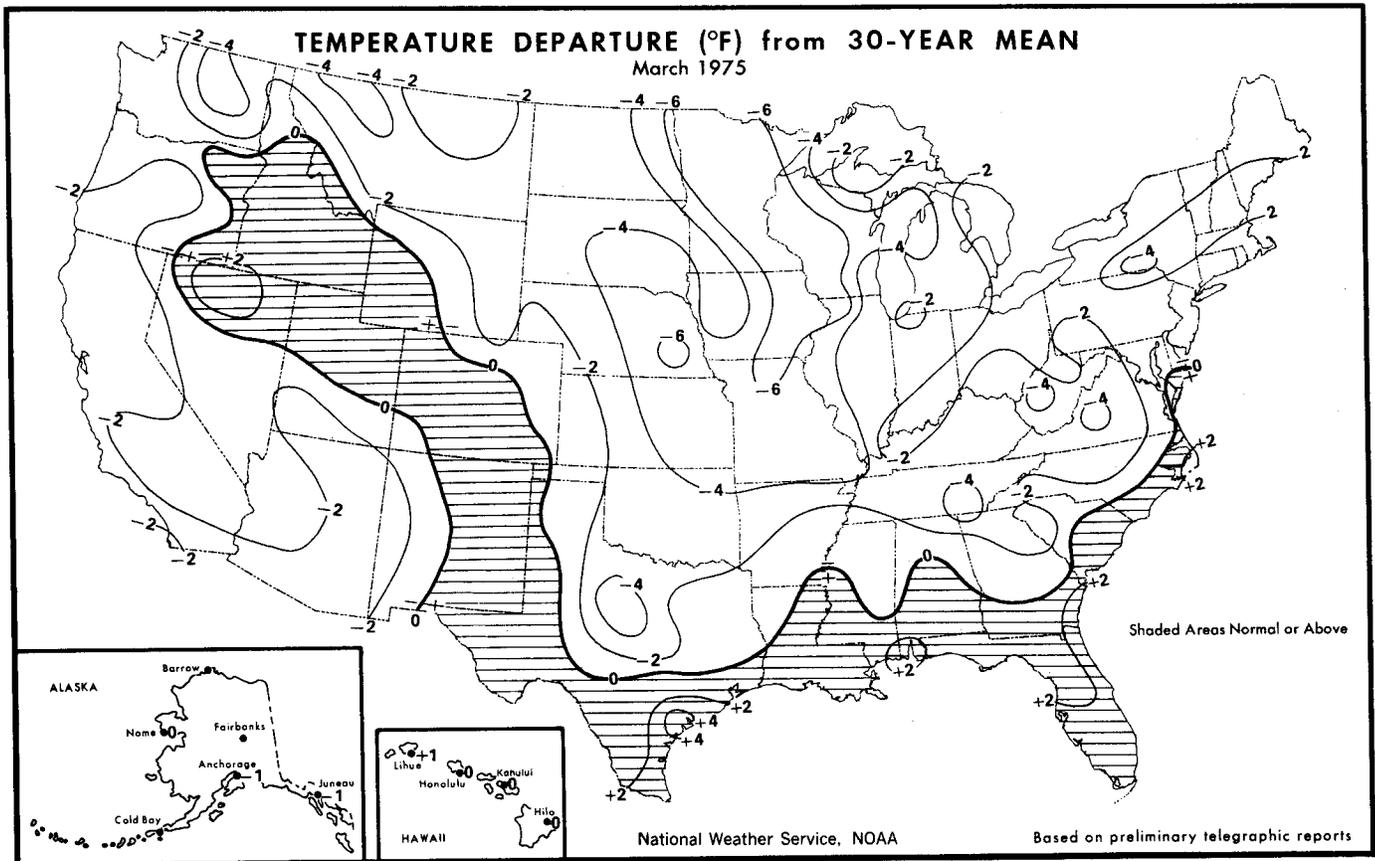
WEST VIRGINIA: Temperatures 7 to 9° below normal. Precipitation 0.25 in. northeast to 0.50 in. elsewhere.

Fieldwork: Suitable 3.2 days. Soil moisture adequate to surplus. Plowing and gardening in progress. Small grains growing well. Livestock in good condition. Farmers preparing to turn out cattle.

WISCONSIN: Temperatures continued below normal averaging 7 to 15° below seasonal levels. Brief warming to low 50's south on 31st but mostly in 30's rest of week, except low 40's south on 4th and 6th. Skies fair to partly cloudy except for snowstorms developing south late on 1st and continuing on 2d. Heaviest snow southeast where up to 10 in. fell. Storm missed northern half where no precipitation fell for the week.

WYOMING: Temperatures generally 10 to 15° below normal. Mild temperatures in upper 50's and 60's common early week, while readings well below zero late. Precipitation wide spread with only few locations southwest receiving no precipitation. Most precipitation midweek and amounts from about 0.25 in. below to 0.50 in. above normal.

Fieldwork halted by wet fields, snow progress behind 1974. Oats 2% seeded, 10% 1974; barley 10%, 25% 1974; spring wheat 3%, 10% 1974. Moisture some benefit to winter wheat, ranges. Calving 50% completed. Lambing, farm flocks 70% dropped, range flocks 40%. Shearing farm flocks 6% complete, range sheep 45%. Some new born animals, freshly shorn sheep lost in March 20th storm. Cold, damp weather brought pneumonia, scours in young animals, additional losses possible.



MARCH WEATHER SUMMARY

HIGHLIGHTS: March lived up to the old adage of "in like a lion, out like a lamb".

Precipitation amounts ranged from 0.01 in. at Brownsville, Texas, which is only 1% of normal, to over 12.00 in. over most of Tennessee and parts of Kentucky, Alabama and Mississippi. Nearly all of the Country received well above normal precipitation. The most notable exception was the southern and central Great Plains.

Temperatures over most of the Nation averaged well below normal during March. Most of Minnesota, western Wisconsin and eastern Iowa were at least 6° below normal.

PRECIPITATION: A large stationary low off the West Coast triggered heavy rains during the first week of March. Rain and snow fell across the Great Lakes and New England as two low pressure systems swept through the area.

Extremely heavy precipitation fell over most southeastern States during the week ending the 16th, as a combination of rain, snow, sleet and freezing rain. At least 2.00 in. fell over most or all of 10 States. Over 5.00 in. fell in northern Mississippi and Alabama, all of Tennessee and southern Kentucky. Two of the wettest cities were Memphis, Tenn. with 7.74 in. and Greensboro, N. Car. with 5.15 in.

Heavy rains continued in the Deep South into the following week with 2.00 in. or more in southern Louisiana, Mississippi, Alabama and Georgia. Good

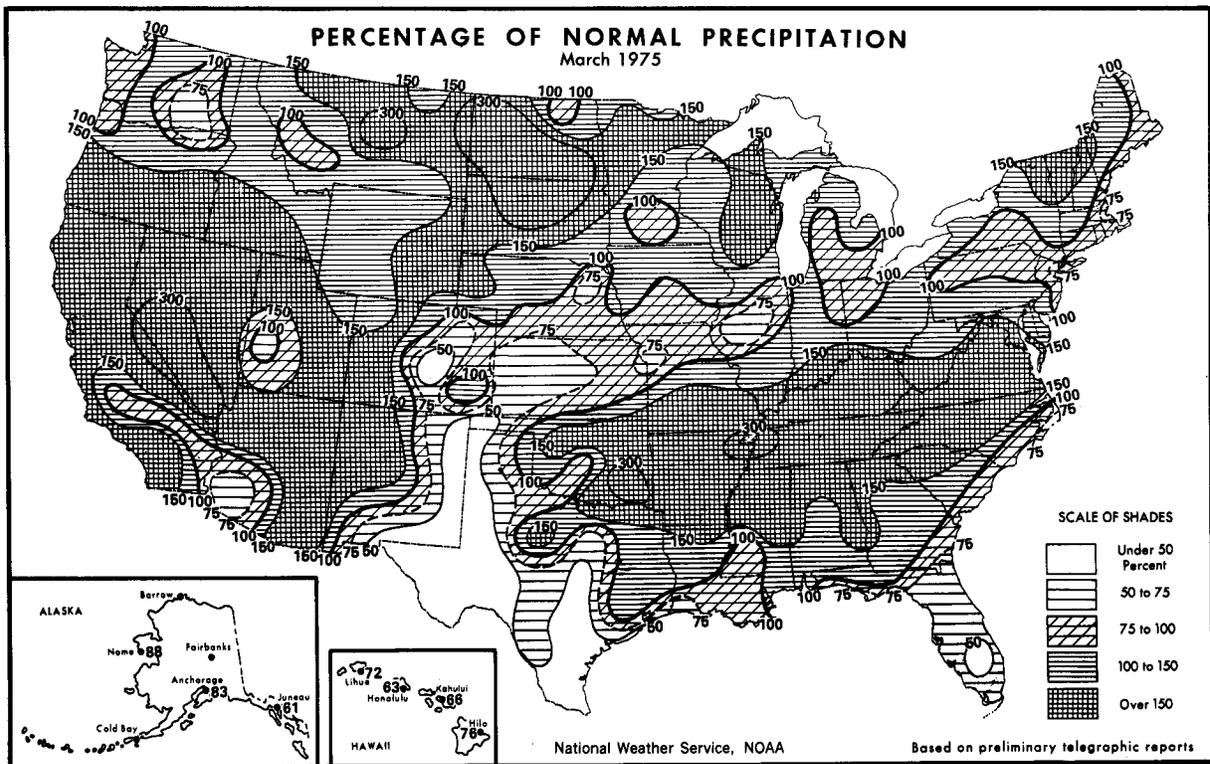
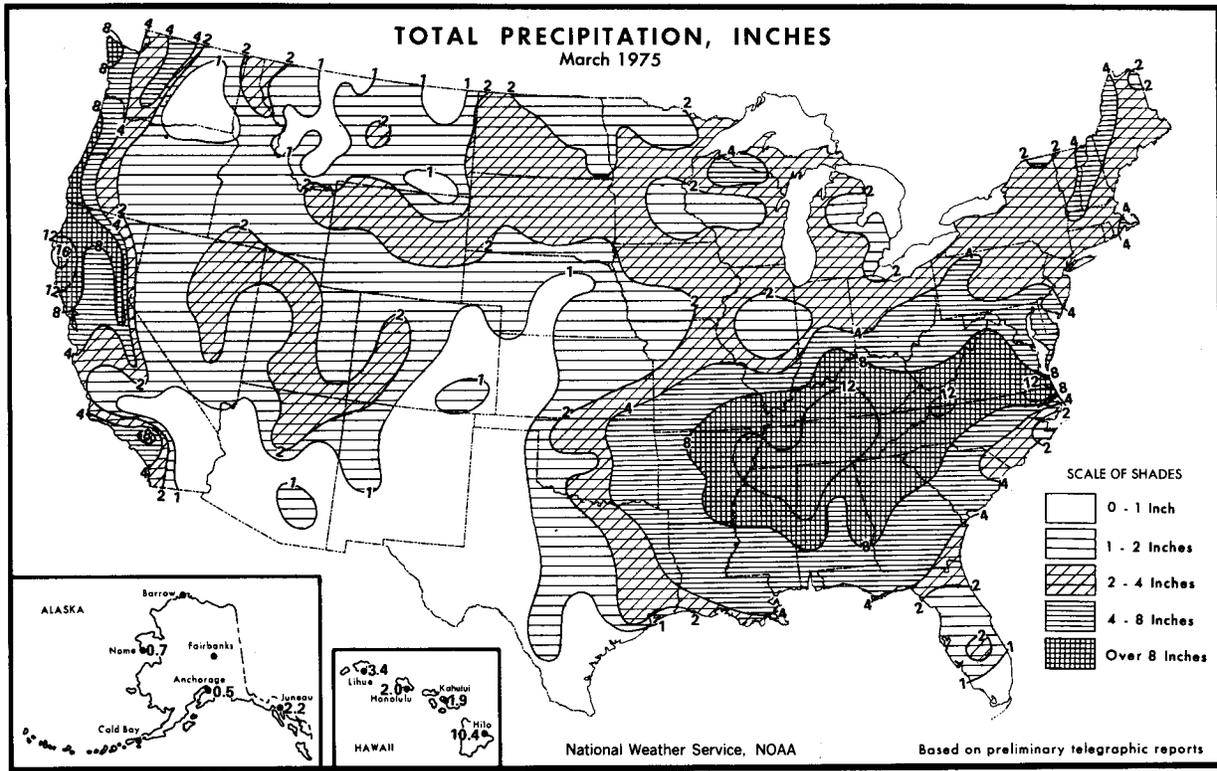
moisture also fell in the northern Great Plains. This moisture continued to accumulate through the end of the month. Although it fell as snow and created a number of problems, the moisture was badly needed.

Heavy rains again covered a large area of the Southeast during the closing week with at least 2.00 in. over parts or all of 12 States. Northern Tennessee and southern Kentucky received over 5.00 in. with serious flooding in some areas.

TEMPERATURE: Temperatures during the first 10 days of March averaged well below normal from the Rockies to the Atlantic. Eastern Iowa averaged at least 9° below normal and most of the Southeast averaged at least 6° below normal.

Temperatures were well below normal over most of the Country with many areas 6° or more below normal during the week ending the 16th. Record lows occurred the morning of the 13th, 14th and 15th in several States: Sioux Falls, S. Dak. reached -14° the morning of the 13th, Spencer, Iowa -16°, Des Moines, Iowa -2° and Madison, Wis. -4°.

Temperatures changed drastically during the following week to well above normal over the entire Nation except for the western tier of States. However, temperatures began to cool sharply at the end of the week and bitter cold prevailed until the end of the month in most areas. Most States from the Dakotas to Utah averaged 13 to 18° below normal during the closing week.



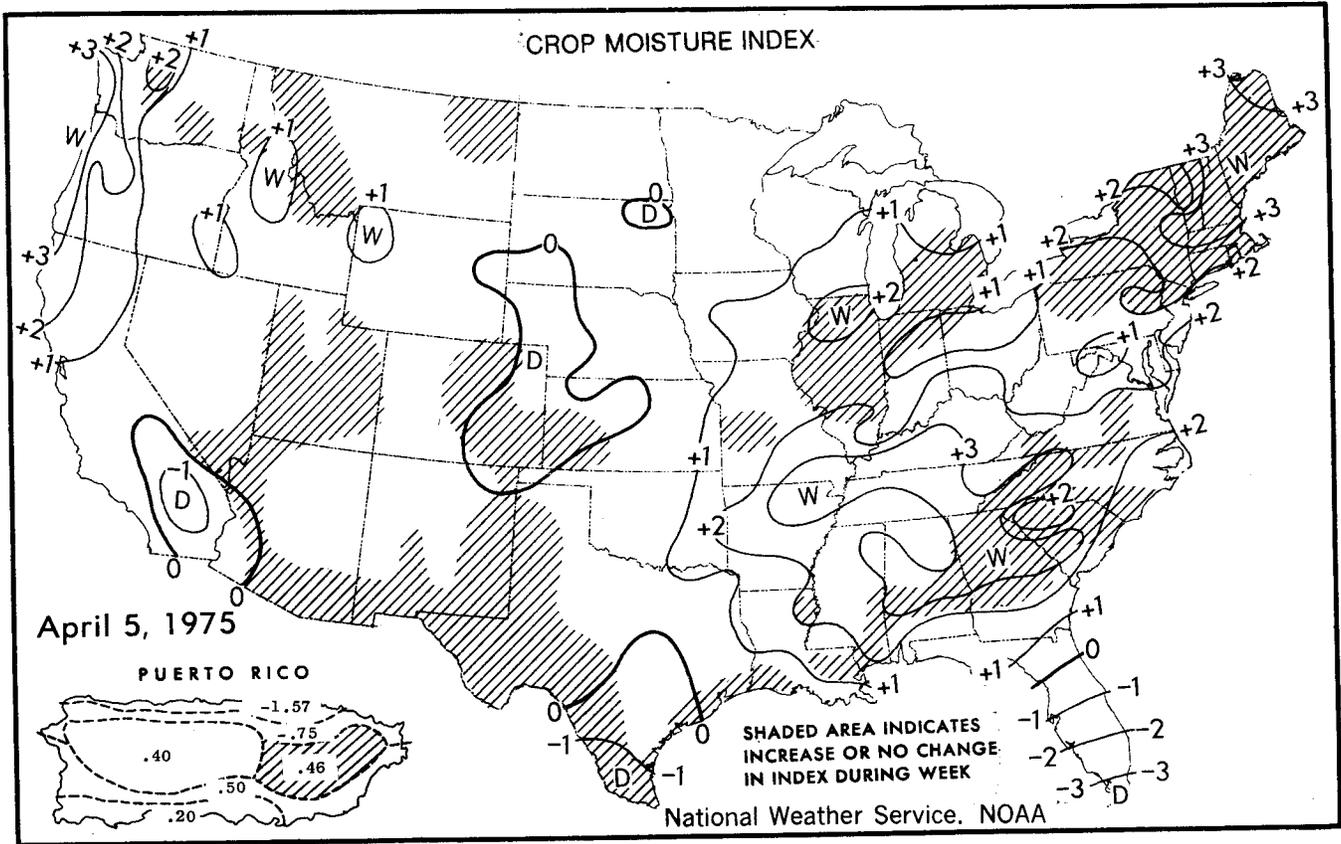
Temperature and Precipitation Data for March, 1975

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 . . .	54	+ 1	7.6	+1.4	La.Baton Rouge . . .	61	+ 1	4.5	- .6	Youngstown . . .	34	- 1	3.2	0
Mobile . . .	61	+ 2	7.5	+ .4	Lake Charles . . .	61	+ 1	2.4	-1.4	OKLA.Okla. City . . .	46	- 2	1.7	- .4
Montgomery . . .	57	0	7.3	+1.3	New Orleans . . .	61	0	5.3	- 2	Tulsa . . .	45	- 3	5.5	+3.0
ALASKA.Anchorage . . .	23	- 1	.5	- .1	Shreveport . . .	56	- 1	5.8	+1.7	OREG.Astoria . . .	44	0	5.7	- .9
Barrow . . .	---	---	---	---	MAINE.Caribou . . .	23	- 1	1.9	- .3	Burns . . .	34	- 2	1.7	+ .8
Fairbanks . . .	---	---	---	---	Portland . . .	30	- 2	3.2	- .4	Medford . . .	43	- 2	4.0	+2.4
Juneau . . .	31	- 1	2.2	-1.4	MD.Baltimore . . .	42	- 1	5.2	+1.5	Pendleton . . .	45	+ 1	.7	- .3
Kodiak . . .	---	---	---	---	MASS.Boston . . .	37	- 1	2.7	-1.3	Portland . . .	45	- 1	3.5	- 1
Nome . . .	7	0	.7	- .1	Chatham . . .	36	---	4.4	---	Salem . . .	44	- 1	4.2	- .1
ARIZ.Flagstaff . . .	33	- 1	2.9	+1.1	MICH.Alpena . . .	25	- 1	2.3	+ .4	PA.Allentown . . .	38	- 0	3.5	- .1
Phoenix . . .	59	- 1	.6	- .2	Detroit . . .	33	- 2	1.7	- .8	Erie . . .	33	- 1	3.6	+ .8
Tucson . . .	55	- 3	1.0	+ .4	Flint . . .	31	- 2	2.8	+ .7	Harrisburg . . .	38	- 1	3.8	+ .6
Winslow . . .	43	- 2	.7	+ .3	Grand Rapids . . .	29	- 3	2.3	- .2	Philadelphia . . .	41	- 1	4.7	+1.0
Yuma . . .	61	- 3	.2	0	Houghton Lake . . .	24	- 3	1.5	- .2	Pittsburgh . . .	36	- 2	4.6	+1.0
ARK.Fort Smith . . .	47	- 3	6.7	+3.1	Lansing . . .	31	- 2	2.4	0	Scranton . . .	36	- 1	2.5	- .1
Little Rock . . .	49	- 1	7.7	+2.8	Marquette . . .	27	0	2.1	+ .2	R.I.Providence . . .	36	- 1	3.1	- .9
CALIF.Bakersfield . . .	57	0	.6	- .2	Muskegon . . .	31	- 2	2.5	+ .1	S.C.Charleston . . .	57	0	4.5	- .3
Eureka . . .	48	0	10.7	+5.9	S. Ste. Marie . . .	21	- 3	2.2	+ .5	Columbia . . .	54	0	5.4	+ .7
Fresno . . .	52	- 2	2.4	+ .8	MINN.Duluth . . .	18	- 6	2.6	+ .8	Greenville . . .	49	- 2	8.6	+3.3
Los Angeles . . .	56	- 3	4.8	+2.6	Internat'l Falls . . .	15	- 6	1.6	0	S.D.Aberdeen . . .	25	- 2	2.7	+1.8
Red Bluff . . .	50	- 3	4.7	+2.2	Minneapolis . . .	22	- 6	1.7	0	Huron . . .	25	- 4	2.7	+1.6
San Diego . . .	58	0	3.8	+2.2	Rochester . . .	21	- 7	1.8	+ .1	Rapid City . . .	28	- 3	2.5	+2.6
San Francisco . . .	51	- 2	5.9	+3.4	St. Cloud . . .	19	- 7	1.8	+ .5	Sioux Falls . . .	26	- 4	2.0	+ .6
Stockton . . .	51	- 2	3.1	+1.1	MISS.Jackson . . .	57	+ 1	4.9	- .7	TENN.Chattanooga . . .	46	- 4	10.4	+4.8
COLO.Denver . . .	37	0	1.2	0	Meridian . . .	55	- 1	7.2	+1.0	Knoxville . . .	47	- 3	10.4	+5.5
Grand Junction . . .	41	0	1.7	+ .9	MO.Columbia . . .	37	- 5	3.2	+ .6	Memphis . . .	50	- 1	12.2	+7.1
Pueblo . . .	41	+ 1	.1	- .6	Kansas City . . .	37	- 4	1.5	- 1.1	Nashville . . .	47	- 2	12.4	+7.4
CONN.Bridgeport . . .	37	- 1	3.1	- .4	St. Louis . . .	39	- 4	4.1	+1.1	TEX.Abilene . . .	51	- 4	1.5	+ .5
Hartford . . .	36	0	3.8	0	Springfield . . .	40	- 4	6.3	+3.3	Amarillo . . .	45	- 1	.5	- .3
D.C.Washington . . .	45	0	5.3	+2.0	MONT.Billings . . .	30	- 3	1.3	- .3	Austin . . .	60	0	.8	-1.1
FLA.Apalachicola . . .	61	0	2.9	-1.8	Glasgow . . .	25	0	.6	+ .2	Beaumont . . .	61	+ 1	1.8	-1.3
Daytona Beach . . .	66	+ 2	1.5	-1.9	Great Falls . . .	27	- 4	1.3	+ .3	Brownsville . . .	71	+ 3	T	- .7
Ft. Myers . . .	71	+ 2	1.5	-1.6	Havre . . .	26	- 1	1.4	+ .9	Corpus Christi . . .	67	+ 2	- 1	-1.0
Jacksonville . . .	61	0	2.5	-1.1	Helena . . .	29	- 2	.9	- .2	Del Rio . . .	64	+ 1	.1	- .6
Key West . . .	77	+ 2	.6	-1.0	Kalispell . . .	28	- 3	1.3	+ .4	El Paso . . .	55	0	.1	- .3
Lakeland . . .	68	+ 2	1.4	-2.6	Miles City . . .	28	- 2	1.2	+ .5	Fort Worth . . .	54	- 1	1.7	- .8
Miami . . .	73	+ 2	.6	-1.5	Missoula . . .	33	0	.7	0	Galveston . . .	63	+ 2	1.0	-1.6
Orlando . . .	67	+ 1	1.1	-2.4	NEBR.Grand Island . . .	31	- 5	1.1	- 1.1	Houston . . .	61	0	3.2	+ .5
Tallahassee . . .	60	0	6.2	+ .3	Lincoln . . .	31	- 6	1.4	- 1.1	Lubbock . . .	50	+ 1	T	- .9
Tampa . . .	68	+ 2	1.1	-2.8	Norfolk . . .	29	- 4	.9	- .5	Midland . . .	55	+ 1	.1	- .5
W.Palm Beach . . .	72	+ 2	.9	-2.4	N.Platte . . .	32	- 2	.9	- .1	San Angelo . . .	56	- 1	.1	- .8
GA.Atlanta . . .	50	- 1	8.3	+2.5	Omaha . . .	32	- 3	1.8	+ .2	San Antonio . . .	61	0	.5	-1.0
Augusta . . .	53	- 2	5.2	+ .5	Valentine . . .	28	- 3	1.0	+ .2	Victoria . . .	66	+ 4	.4	-1.5
Macon . . .	56	- 1	6.7	+1.5	NEV.Ely . . .	38	- 1	1.1	+ .8	Waco . . .	54	- 3	1.1	-1.3
Savannah . . .	60	+ 2	4.0	- .4	Las Vegas . . .	54	- 2	1.6	+ .9	Wichita Falls . . .	51	- 2	1.6	0
HAWAII.Hilo . . .	71	0	10.4	-3.3	Reno . . .	38	- 2	1.6	+ .9	UTAH.Blanding . . .	37	- 1	1.5	+ .6
Honolulu . . .	73	0	2.0	-1.2	Winnemucca . . .	41	+ 3	1.3	+ .5	Salt Lake City . . .	41	+ 1	3.4	+1.8
Kahului . . .	72	0	1.9	-1.0	N.H.Concord . . .	30	- 2	3.1	+ .3	VT.Burlington . . .	28	- 1	2.9	+1.0
Lihue . . .	73	+ 1	3.4	-1.3	N.J.Atlantic City . . .	40	- 1	3.8	+ .5	VA.Lynchburg . . .	42	- 4	9.2	+5.7
IDAHO.Boise . . .	41	0	1.9	+ .9	Trenton . . .	40	- 1	3.9	+ .1	Norfolk . . .	47	- 1	5.7	+2.3
Lewiston . . .	41	- 2	1.0	0	N.MEX.Albuquerque . . .	45	- 1	1.0	+ .5	Richmond . . .	45	- 2	8.0	+4.6
Pocatello . . .	36	+ 1	1.7	+ .8	Roswell . . .	49	0	.3	- .2	Roanoke . . .	42	- 3	7.8	+4.5
ILL.Cairo . . .	44	- 4	10.0	+5.3	N.Y.Albany . . .	31	- 2	2.7	+ .1	WASH.Colville . . .	35	- 2	.9	- .2
Chicago . . .	34	- 3	2.4	- .3	Binghamton . . .	27	- 4	2.2	- .7	Omak . . .	34	- 5	1.6	+ .8
Moline . . .	31	- 5	3.3	+ .7	Buffalo . . .	31	- 1	2.9	0	Quillayute . . .	41	- 1	9.6	-1.2
Peoria . . .	34	- 3	1.7	-1.1	New York . . .	40	- 1	2.8	-1.2	Seattle-Tacoma . . .	43	- 1	2.9	- .7
Rockford . . .	29	- 6	2.8	+ .1	Rochester . . .	32	- 1	2.7	+ .1	Spokane . . .	34	- 4	1.8	+ .3
Springfield . . .	37	- 2	1.9	+ .8	Syracuse . . .	32	- 1	2.7	- .3	Walla Walla . . .	43	- 3	.9	- .5
IND.Evansville . . .	43	- 1	7.2	+2.5	N.C.Asheville . . .	45	- 1	9.9	+5.2	Yakima . . .	41	- 1	.5	- .1
Ft. Wayne . . .	33	- 4	2.0	- .9	Charlotte . . .	50	- 1	7.6	+3.1	W.Va.Beckley . . .	37	- 3	9.2	+5.0
Indianapolis . . .	37	- 3	4.2	+ .4	Greensboro . . .	46	- 2	8.8	+5.1	Charleston . . .	40	- 5	6.0	+2.0
South Bend . . .	34	- 1	3.0	+ .2	Hatteras . . .	53	+ 2	1.9	-1.9	Huntington . . .	42	- 2	6.3	+2.2
IOWA.Burlington . . .	32	- 5	2.4	- .3	Raleigh . . .	47	- 2	6.3	+2.9	Parkersburg . . .	41	- 2	4.6	+ .8
Des Moines . . .	30	- 4	1.9	- .4	Wilmington . . .	54	- 0	3.2	- .9	WIS.Green Bay . . .	24	- 5	3.4	+1.7
Dubuque . . .	25	- 7	3.3	+ .3	N.DAK.Bismarck . . .	23	- 2	3.2	+2.5	La Crosse . . .	24	- 7	2.2	+ .2
Sioux City . . .	29	- 4	1.4	- .1	Fargo . . .	18	- 6	1.5	+ .7	Madison . . .	26	- 4	3.1	+1.2
KANS.Concordia . . .	35	- 4	1.5	- .1	Williston . . .	22	- 3	2.3	+1.7	Milwaukee . . .	29	- 2	3.0	+ .8
Dodge City . . .	40	- 1	.6	- .5	OHIO.Akron-Canton . . .	36	0	3.5	+ .3	WYO.Casper . . .	30	- 1	2.0	+1.1
Goodland . . .	35	- 1	.6	- .3	Cincinnati . . .	40	- 2	6.8	+2.7	Cheyenne . . .	32	+ 1	1.2	+ .1
Topeka . . .	38	- 3	1.7	- .5	Cleveland . . .	35	- 1	3.5	+ .4	Lander . . .	32	- 2	1.2	0
Wichita . . .	40	- 4	1.7	- .1	Columbus . . .	37	- 2	4.1	+ .7	Sheridan . . .	29	- 2	1.2	0
KY.Lexington . . .	41	- 3	10.4	+5.6	Dayton . . .	38	- 1	3.3	+ .1	P.R.San Juan . . .	79	+ 2	1.1	- .9
Louisville . . .	43	- 1	9.7	+4.6	Toledo . . .	33	- 3	1.9	- .6					

Based on 1941-70 Normals

Heating Degree Days (Base 65°) For Week Ending April 6, 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 . . .	92	43	2457	-292	422	Portland . . .	230	43	6262	-239	-249	Tulsa . . .	105	33	3711	175	490
Mobile . . .	52	29	1331	-332	325	MD. Baltimore . . .	142	33	3979	-392	-21	OREG. Astoria . . .	163	30	3976	-268	-445
Montgomery . . .	60	25	1891	-323	326	MASS. Boston . . .	185	40	4850	-157	200	Burns . . .	241	70	6062	-65	170
ARIZ. Flagstaff . . .	222	37	6150	38	566	MICH. Alpena . . .	283	70	7066	-281	11	Medford . . .	164	42	4099	-147	242
Phoenix . . .	35	11	1482	-30	390	Detroit . . .	233	77	5907	148	341	Pendleton . . .	162	40	3932	-699	-265
Tucson . . .	59	28	2030	373	409	Flint . . .	254	84	6056	-185	196	Portland . . .	156	39	3648	-420	-118
Winslow . . .	128	21	4796	458	417	Grand Rapids . . .	253	87	6491	418	559	Salem . . .	164	42	3837	-235	-251
Yuma . . .	23	12	1089	99	185	Houghton Lake . . .	283	79	7158	-160	108	PA. Allentown . . .	188	49	5098	-183	381
ARK. Fort Smith . . .	111	53	3465	230	534	Lansing . . .	251	85	6215	51	178	Erie . . .	241	66	5834	-144	451
Little Rock . . .	104	45	2952	-291	420	Marquette . . .	292	84	6934	-212	-162	Harrisburg . . .	167	49	4857	31	569
CALIF. Bakersfield . . .	66	21	1985	-76	285	Muskegon . . .	235	62	6033	-33	25	Philadelphia . . .	158	42	4174	-300	83
Eureka . . .	144	32	3697	63	41	S. Ste. Marie . . .	318	91	7959	73	-21	Pittsburgh . . .	187	50	5091	-284	405
Fresno . . .	100	42	2614	154	346	MINN. Duluth . . .	341	115	8796	318	107	Scranton . . .	207	57	5276	-392	293
Los Angeles . . .	78	24	1137	-346	-64	Internatl Falls . . .	362	128	9178	-134	-76	R. I. Providence . . .	182	28	5130	-147	291
Red Bluff . . .	114	48	2792	338	266	Minneapolis . . .	286	97	7495	-2	302	S. C. Charleston . . .	78	44	1854	-246	560
San Diego . . .	52	10	1154	-114	191	Rochester . . .	279	90	7634	232	380	Columbia . . .	61	21	2218	-318	711
San Francisco . . .	114	37	2626	139	66	St. Cloud . . .	314	113	8278	312	361	Greenville . . .	108	49	3062	23	510
Stockton . . .	9	57	2686	120	352	MISS. Jackson . . .	80	45	1991	-258	326	S. DAK. Aberdeen . . .	292	100	7395	-365	-398
COLO. Denver . . .	217	61	5455	165	245	Meridian . . .	82	46	2068	-264	581	Huron . . .	295	115	7262	-24	324
Grand Junction . . .	155	29	5346	191	-161	MO. Columbia . . .	166	58	5134	407	626	Rapid City . . .	254	70	6611	196	511
Pueblo . . .	147	17	4960	37	260	Kansas City . . .	172	62	5196	379	575	Sioux Falls . . .	271	94	7180	83	414
CONN. Bridgeport . . .	182	35	4677	-162	309	St. Louis . . .	165	69	4797	351	470	TENN. Chattanooga . . .	114	51	3498	156	812
Hartford . . .	182	27	5518	-195	323	Springfield . . .	130	34	4461	186	668	Knoxville . . .	114	49	3253	-60	576
DEL. Wilmington . . .	162	43	4329	-203	350	MONT. Billings . . .	266	86	6581	239	648	Memphis . . .	99	42	2782	-340	386
D. C. Washington . . .	120	28	3521	-431	373	Glasgow . . .	325	120	7122	-860	-495	Nashville . . .	121	52	3268	-265	500
FLA. Apalachicola . . .	30	13	995	-350	225	Great Falls . . .	354	162	6844	206	426	TEX. Abilene . . .	56	12	2635	103	503
Daytona Beach . . .	21	10	559	-330	64	Havre . . .	338	133	7344	-482	131	Amarillo . . .	113	20	3977	81	542
Ft. Myers . . .	0	0	146	-311	-87	Helena . . .	298	104	7275	184	510	Austin . . .	28	4	1596	-117	237
Jacksonville . . .	39	23	1144	-172	269	KallsPELL . . .	252	56	7264	-81	574	Brownsville . . .	3	2	520	-132	38
Key West . . .	0	0	7	-55	-34	Miles City . . .	267	85	6843	-204	358	Corpus Christi . . .	6	5	824	-106	119
Lakeland . . .	6	1	370	-305	-8	Missoula . . .	220	41	6596	-256	234	Del Rio . . .	16	3	1406	-111	304
Miami . . .	0	0	59	-147	-72	NEBR. Grand Island . . .	205	56	6297	436	529	El Paso . . .	50	10	2661	39	230
Orlando . . .	8	1	385	-316	-19	Lincoln . . .	202	63	6215	487	436	Fort Worth . . .	69	29	2225	-102	289
Tallahassee . . .	51	33	1508	-36	472	Norfolk . . .	241	80	6532	161	503	Galveston . . .	23	6	887	-331	117
Tampa . . .	5	2	391	-324	-20	North Platte . . .	214	52	6416	361	298	Houston . . .	30	13	1172	-253	0
W. Palm Beach . . .	5	5	112	-187	-61	Omaha . . .	203	71	6050	449	462	Lubbock . . .	81	8	3378	-9	670
GA. Atlanta . . .	95	36	2756	-217	578	Valentine . . .	255	77	6593	64	423	Midland . . .	52	8	2375	-185	280
Augusta . . .	76	35	2552	51	678	NEV. Ely . . .	234	41	6531	-26	130	Beaumont . . .	36	15	1331	-171	172
Macon . . .	54	21	1987	-208	483	Las Vegas . . .	84	38	2456	-48	86	San Angelo . . .	47	13	2211	17	486
Savannah . . .	55	25	1498	-416	284	Reno . . .	207	57	5318	187	486	San Antonio . . .	25	6	1522	-33	255
IDAHO. Boise . . .	181	44	4926	-195	283	Winnemucca . . .	197	32	5594	-71	591	Victoria . . .	14	1	943	-279	91
Lewiston . . .	167	40	4573	-242	21	N. H. Concord . . .	221	42	6830	315	367	Waco . . .	47	16	2149	121	456
Pocatello . . .	204	36	6211	70	254	N. J. Atlantic City . . .	167	43	4383	-129	409	Wichita Falls . . .	68	18	2808	-13	467
ILL. Cairo . . .	121	49	3710	31	431	Trenton . . .	177	57	4322	-208	194	UTAH. Salt Lake C . . .	156	16	5084	-219	49
Chicago . . .	229	87	5633	73	296	N. MEX. Albuquerque . . .	117	21	4405	372	369	VT. Burlington . . .	247	55	6745	-240	-37
Moline . . .	232	90	6017	142	372	Roswell . . .	82	12	3481	-70	564	VA. Lynchburg . . .	128	38	4025	61	612
Peoria . . .	205	70	5744	145	419	N. Y. Albany . . .	225	62	6358	161	221	Norfolk . . .	119	40	2955	-321	438
Rockford . . .	213	57	6301	90	420	Binghamton . . .	266	86	6607	173	666	Richmond . . .	119	38	3703	-14	609
Springfield . . .	189	68	5166	13	397	Buffalo . . .	268	91	5792	-300	-11	Roanoke . . .	131	37	4012	10	704
IND. Evansville . . .	134	41	4219	-125	541	New York . . .	174	49	4301	-170	233	WASH. Quillayute . . .	177	28	4608	-166	-411
Fort Wayne . . .	207	62	5676	54	338	Rochester . . .	272	102	5912	-54	293	Seattle-Tacoma . . .	169	38	4160	-168	125
Indianapolis . . .	170	46	5153	28	693	Syracuse . . .	250	84	5947	5	81	Spokane . . .	212	53	6163	231	411
South Bend . . .	223	70	5427	-380	370	N. C. Asheville . . .	132	41	3730	-191	599	Walla Walla . . .	156	48	4126	-207	93
IOWA. Burlington . . .	206	70	5812	152	445	Hatteras . . .	101	33	2181	-372	455	Yakima . . .	176	43	5059	-265	63
Des Moines . . .	229	78	6164	3	521	Charlotte . . .	102	43	3110	-22	517	W. VA. Beckley . . .	179	56	4992	-56	824
Dubuque . . .	256	92	6881	286	482	Greensboro . . .	102	26	3399	-228	257	Charleston . . .	152	56	4504	243	930
Sioux City . . .	243	89	6598	211	735	Raleigh . . .	109	41	3361	-18	764	Huntington . . .	135	38	4227	-60	695
KANS. Concordia . . .	166	42	5308	133	337	Wilmington . . .	75	32	2149	-216	567	Parkersburg . . .	156	51	4425	-33	564
Dodge City . . .	138	21	4707	42	329	N. Dak. Bismarck . . .	342	139	8280	185	-130	WIS. Green Bay . . .	271	82	7285	92	385
Goodland . . .	175	23	5602	114	239	Fargo . . .	332	124	7983	-352	-712	LaCrosse . . .	249	82	6934	167	373
Topeka . . .	162	48	5035	156	338	Williston . . .	339	131	8070	-109	-196	Madison . . .	247	67	6708	-215	133
Wichita . . .	143	45	4641	244	279	OHIO. Akron-Canton . . .	181	31	5276	-133	373	Milwaukee . . .	251	74	6368	-179	304
KY. Lexington . . .	150	49	4285	-113	629	Cleveland . . .	213	62	5395	-308	614	WYO. Casper . . .	319	126	6666	151	183
Louisville . . .	137	40	4071	-260	567	Columbus . . .	167	38	4934	-270	506	Cheyenne . . .	239	47	5171	372	481
LA. Baton Rouge . . .	55	36	1423	-230	388	Cincinnati . . .	152	41	4706	30	485	Lander . . .	236	45	6931	95	278
Lake Charles . . .	53	35	1310	-177	221	Dayton . . .	168	38	4973	-186	310	Sheridan . . .	263	76	7042	360	622
New Orleans . . .	53	35	1262	-189	339	Toledo . . .	206	55	5707	-38	83						
Shreveport . . .	75	42	2194	70	342	Youngstown . . .	214	59	5690	-92	382						
MAINE. Caribou . . .	278	42	8442	102	126	OKLA. Okla. City . . .	111	39	3634								



The map above gives a general picture of how wet or dry the nation was last week. The lines show the crop-moisture situation according to an index computed from values of temperature and precipitation by areas. Previous weekly computations of soil moisture account for the effect of prior weather.

Shaded areas are those where precipitation increased the index last week or where soils did not dry. Unshaded

UNSHADED AREAS: INDEX DECREASED

ABOVE	3.0	SOME DRYING BUT STILL EXCESSIVELY WET
2.0 to	3.0	MORE DRY WEATHER NEEDED, WORK DELAYED
1.0 to	2.0	FAVORABLE, EXCEPT STILL TOO WET IN SPOTS
0 to	1.0	FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 to	-1.0	TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1.0 to	-2.0	ABNORMALLY DRY, PROSPECTS DETERIORATING
-2.0 to	-3.0	TOO DRY, YIELD PROSPECTS REDUCED
-3.0 to	-4.0	POTENTIAL YIELDS SEVERELY CUT BY DROUGHT
BELOW	-4.0	EXTREMELY DRY, MOST CROPS RUINED

areas dried last week. The centers of wet or dry areas are marked: W for wet; D for dry. Use the legend to interpret.

Local variations caused by isolated rain or by soil differences are not shown. Any interpretation must consider the type of agriculture and the stage of crop development.

SHADED AREA: INDEX INCREASED OR DID NOT CHANGE

ABOVE	3.0	EXCESSIVELY WET SOME FIELDS FLOODED
2.0 to	3.0	TOO WET, SOME STANDING WATER
1.0 to	2.0	PROSPECTS ABOVE NORMAL, SOME FIELDS TOO WET
0 to	1.0	MOISTURE ADEQUATE FOR PRESENT NEEDS
0 to	-1.0	PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1.0 to	-2.0	SOME IMPROVEMENT BUT STILL TOO DRY
-2.0 to	-3.0	DROUGHT EASED BUT STILL SERIOUS
-3.0 to	-4.0	DROUGHT CONTINUES RAIN URGENTLY NEEDED
BELOW	-4.0	NOT ENOUGH RAIN STILL EXTREMELY DRY



FIRST CLASS MAIL

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° F.)
 March, 1975

ALA, Birmingham . . .	361	MAINE, Caribou . . .	1295	OKLA, Okla. City . . .	583
Mobile . . .	183	Portland . . .	1086	Tulsa . . .	610
Montgomery . . .	289	MD, Baltimore . . .	702	OREG, Astoria . . .	653
ALASKA, Anchorage . . .	1313	MASS, Boston . . .	866	Burns U. . .	960
Barrow . . .	----	Chatham . . .	892	Medford . . .	663
Fairbanks . . .	----	MICH, Alpena . . .	1234	Pendleton . . .	609
Juneau . . .	1064	Detroit . . .	996	Portland . . .	615
Nome . . .	1799	Flint . . .	1059	Salem . . .	656
ARIZ, Flagstaff . . .	978	Grand Rapids . . .	1113	PA, Allentown . . .	841
Phoenix . . .	191	Houghton Lake . . .	1254	Erie . . .	1014
Tucson . . .	299	Lansing . . .	1057	Harrisburg . . .	818
Winslow . . .	662	Marquette U. . .	1186	Philadelphia . . .	737
Yuma . . .	135	S. Ste. Marie . . .	1358	Pittsburgh . . .	881
ARK, Fort Smith . . .	562	MINN, Duluth . . .	1447	Scranton . . .	902
Little Rock . . .	499	Internatl Falls . . .	1542	R. I. Providence . . .	907
CALIF, Bakersfield . . .	245	Minneapolis . . .	1324	S. C. Charleston . . .	273
Bureka U. . .	532	Rochester . . .	1359	Columbia . . .	344
Fresno . . .	409	St. Cloud . . .	1425	Greenville . . .	507
Los Angeles U. . .	280	MISS, Jackson . . .	293	S. DAK, Aberdeen . . .	1234
Red Bluff . . .	472	Meridian . . .	317	Huron . . .	1239
Stockton . . .	419	Vicksburg U. . .	----	Rapid City . . .	1151
San Diego . . .	225	MO, Columbia . . .	850	Sioux Falls . . .	1217
San Francisco . . .	415	Kansas City . . .	878	TEXN, Chattanooga . . .	593
COLO, Denver . . .	852	St. Louis . . .	803	Knoxville . . .	563
Grand Junction . . .	736	Springfield . . .	757	Memphis . . .	463
Pueblo . . .	756	MONT, Billings . . .	1058	Nashville . . .	547
CONN, Bridgeport . . .	866	Glasgow . . .	1244	TEX, Abilene . . .	351
Hartford . . .	894	Great Falls . . .	1156	Amarillo . . .	612
D. C. Washington . . .	608	Havre . . .	1216	Austin . . .	205
FLA, Apalachicola . . .	145	Helena . . .	1114	Beaumont . . .	180
Ft. Myers . . .	15	Kalispell . . .	1140	Brownsville . . .	31
Jacksonville . . .	193	Miles City . . .	1151	Corpus Christi . . .	77
Key West . . .	0	Missoula . . .	985	Dallas . . .	----
Lakeland U. . .	52	NEBR, Grand Island . . .	1052	Del Rio . . .	115
Miami . . .	10	Lincoln . . .	1059	El Paso . . .	309
Orlando . . .	57	Norfolk . . .	1068	Fort Worth . . .	355
Daytona Beach . . .	91	North Platte . . .	1033	Galveston U. . .	120
Tallahassee . . .	201	Omaha . . .	1024	Houston . . .	179
Tampa . . .	61	Valentine . . .	1124	Lubbock . . .	474
GA, Atlanta . . .	451	NEV, Ely . . .	1021	Midland . . .	314
Augusta . . .	374	Las Vegas . . .	340	San Angelo . . .	288
Macon . . .	306	Reno . . .	818	San Antonio . . .	152
Savannah . . .	212	Winnemucca . . .	749	Victoria . . .	92
IDAHO, Boise . . .	721	N. H. Concord . . .	1075	Waco . . .	343
Lewiston . . .	734	N. J. Atlantic City . . .	766	Wichita Falls . . .	430
Pocatello . . .	908	Trenton U. . .	775	UTAH, Blanding R. . .	853
ILL, Cairo U. . .	628	N. MEX, Albuquerque . . .	614	Salt Lake City . . .	734
Chicago . . .	947	Roswell . . .	----	VT, Burlington . . .	1141
Moline . . .	1063	N. Y. Albany . . .	1053	VA, Lynchburg . . .	696
Peoria . . .	959	Binghamton . . .	1164	Norfolk . . .	541
Rockford . . .	1107	Buffalo . . .	1053	Richmond . . .	604
Springfield . . .	848	New York . . .	778	Ronoke . . .	701
IND, Evansville . . .	689	Rochester . . .	1031	WASH, Colville . . .	929
Fort Wayne . . .	981	Syracuse . . .	1026	Omak . . .	----
Indianapolis . . .	866	N. C. Asheville . . .	619	Quillayute . . .	738
South Bend . . .	934	Charlotte . . .	444	Seattle-Tacoma . . .	678
IOWA, Burlington . . .	1003	Greensboro . . .	578	Spokane . . .	953
Des Moines . . .	1009	Hatteras R. . .	383	Walla Walla U. . .	663
Dubuque . . .	1247	Raleigh . . .	552	Yakima . . .	741
Sioux City . . .	1107	Wilmington . . .	338	W. VA, Beckley . . .	849
KANS, Concordia . . .	930	N. DAK, Bismarck . . .	1309	Charleston . . .	772
Dodge City . . .	762	Pargo . . .	1438	Huntington . . .	696
Goodland . . .	929	Williston U. . .	1329	Parkersburg U. . .	745
Topeka . . .	826	OHIO, Akron-Canton . . .	895	WIS, Green Bay . . .	1260
Wichita . . .	757	Cincinnati U. . .	778	Madison . . .	1198
KY, Lexington . . .	726	Cleveland . . .	934	Milwaukee . . .	1122
Louisville . . .	663	Columbus . . .	850	WYO, Casper . . .	1066
LA, Baton Rouge . . .	202	Dayton . . .	855	Cheyenne . . .	1070
Lake Charles . . .	178	Toledo . . .	974	Lander . . .	1019
New Orleans . . .	183	Youngstown . . .	972	Sheridan . . .	1117
Shreveport . . .	305				

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