

WEEKLY WEATHER AND CROP BULLETIN

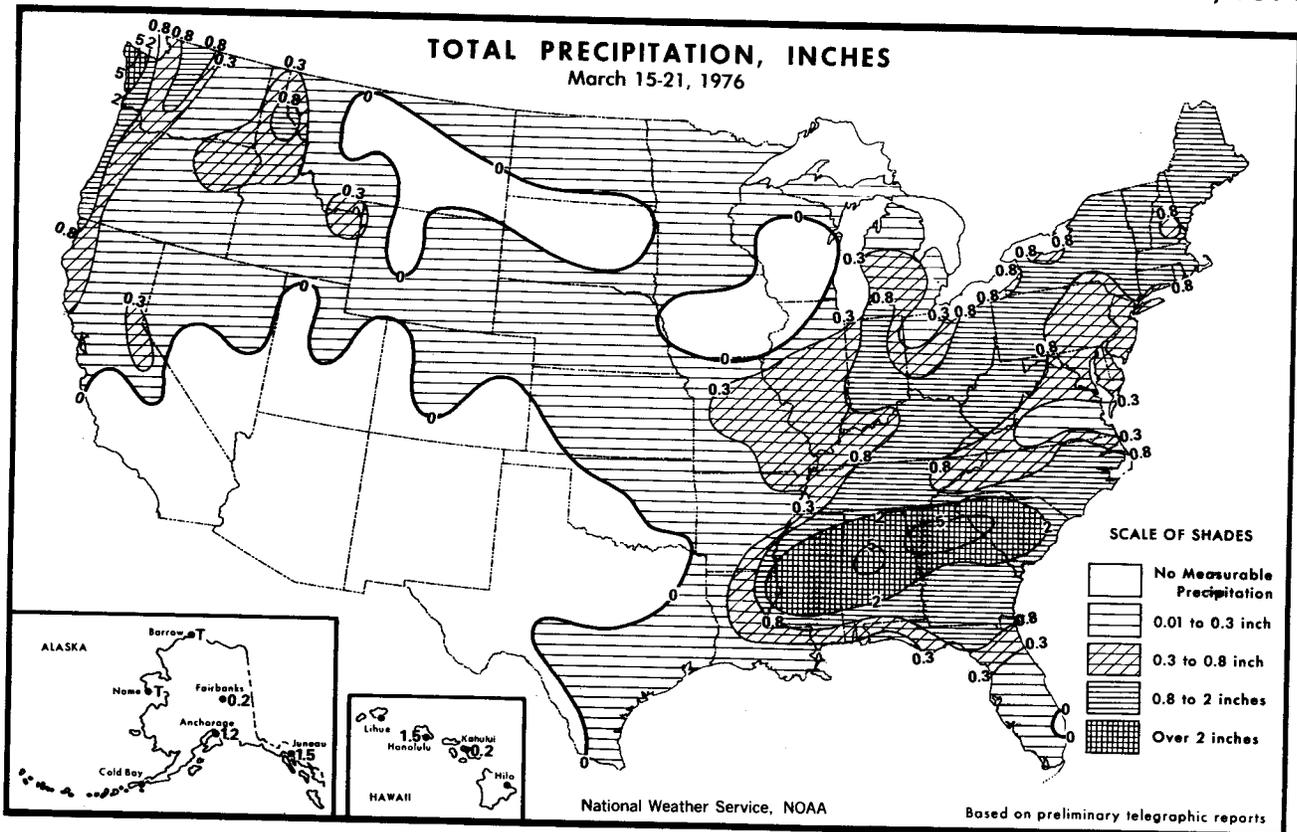
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National Weather Summary

For the week of March 15-21

HIGHLIGHTS: A series of wintry blasts during the week denied the official arrival of spring on Saturday across a large portion of the U.S. Heavy snow--up to a foot in places--blanketed areas from the southern Plains to New England. Severe thunderstorms spawned damaging tornadoes and hail in the Southwest. In the Northwest, gusty conditions spelled weather trouble from the eastern Rockies to the Mississippi Valley.

The winter storm system that highlighted Sunday's weather report spread snow from the central Rockies into the central Plains on Monday. In southern regions, shower activity intensified and by noon extended from eastern Texas and Arkansas through the Carolinas and Georgia. Encouraged by locally heavy rains, some lowland rivers throughout the area spilled over their banks.

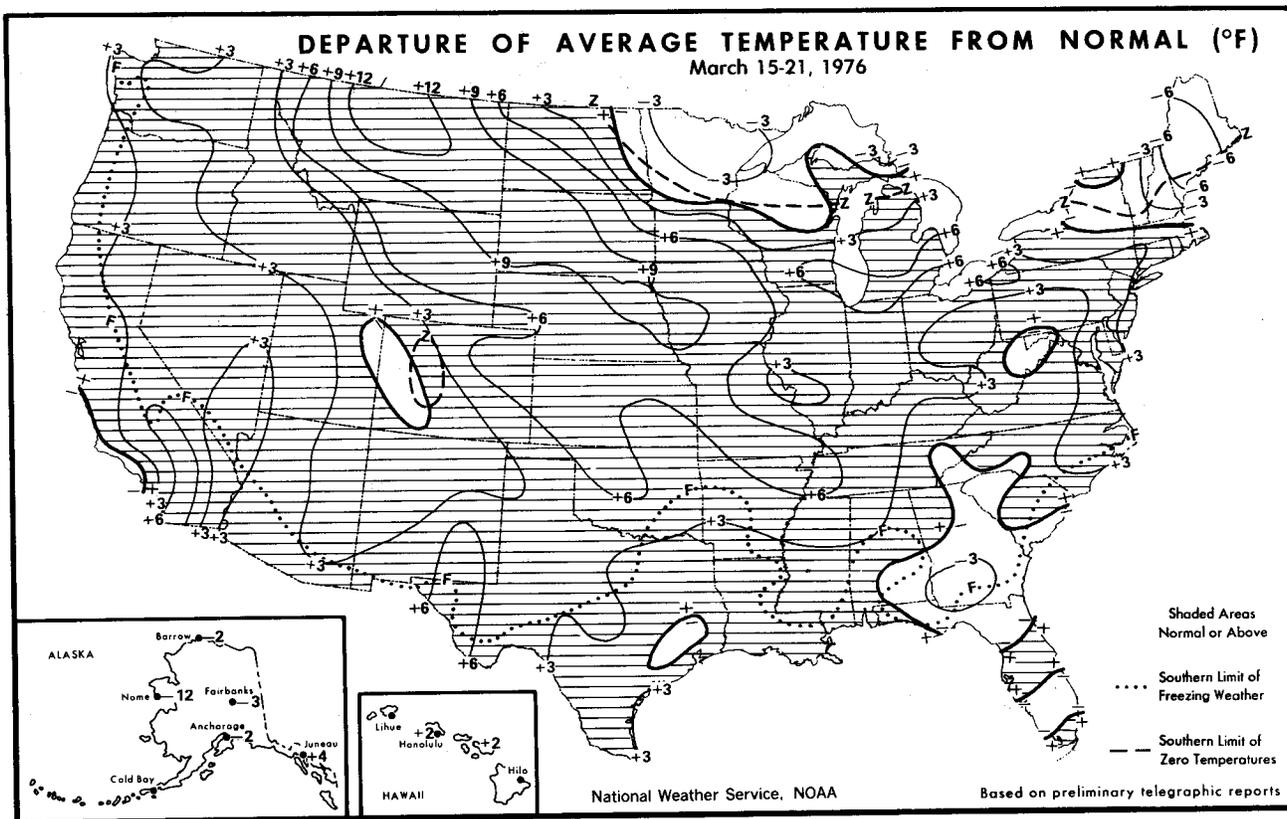
Daytime precipitation included scattered snow across North Dakota, Minnesota, and upper Michigan

and light rain and drizzle in southern Missouri, Oklahoma, and northern Arkansas. Snowfall in the Midwest encompassed the eastern part of Kansas across northern Missouri into western Illinois.

Evening brought still another wintry blast; this one took shape over the lower Mississippi Valley. Anticipating the storm's northeastward movement, forecasters posted weather warnings from northern West Virginia through northern Delaware.

This latest disturbance stirred up a variety of unfavorable weather across much of eastern U.S. on Tuesday. Centered over southwest Pennsylvania, the strengthening storm spelled trouble for areas from the central Appalachians into New England. In just 6 hours Wilmington, Vt. accumulated 7 inches of snow; Albany, N.Y., 6 inches; and Hartford, Conn., 5 inches.

Though the storm system headed out to sea in the evening, strong winds still swept blowing and drifting snow throughout the area, creating near



blizzard conditions. Snow persisted into the early nighttime hours from Michigan and the eastern Ohio Valley into the central and northern Appalachians and over the northern Atlantic Coast States.

In the Southeast, thunderstorms spawned damaging tornadoes in South Carolina and Georgia and golf ball size hail in central Mississippi. Northward, snow--mixed with rain at times--ranged from Ohio and eastern Kentucky through most of Pennsylvania and New York into southern New England.

Thanks to the wintry blast that lashed the Northeast, total new snowfall at midweek ranged from 10 to 11 inches in Massachusetts, 7 to 14 inches in Vermont, and 10 to 14 inches over the New York Adirondacks. Target of the heaviest snow, Maine averaged 8 to 14 inches with up to 2 feet of snow in the mountains.

Meantime, a cold front moving through the Pacific Northwest and northern California triggered many showers and a few thundershowers along the Coast. Moving through the Midwest a warm front produced light scattered snow in Minnesota and Wisconsin. Significant warming occurred in the Plains States; temperatures pushed into the 50's and 60's in the Dakotas and Montana and in some parts warmed as much as 20°.

Gusty winds, plunging temperatures, and rain changing to snow marked the beginning of various weather in the Northwest from Thursday's developing storm center. As the day progressed the rapidly moving frontal system thrust inland, spreading showers from the northern and central Pacific Coast into the northern Rockies.

Daytime skies were generally fair over the Southeast, the lower half of the Mississippi Valley, the Plains, and Southwest. Otherwise, precipitation included snow across the eastern end of the Great Lakes region and rain mixed with snow along the mid-Atlantic Coast. The extreme North-

east remained cold; high temperatures in northern portions of New York and New England halted in the teens and 20's.

Even with spring's official arrival just around the corner, the winter storm took a few more hearty swings at the West on Friday. Then churning across the Nation's interior the cold front generated gusty conditions from the eastern Rockies into the Mississippi Valley. Damaging winds topped 85 mph in several spots in Colorado and even reached 101 mph along the eastern slopes of the Rockies. Air blasts throughout the Rockies and Plains that commonly exceeded 40 mph stirred up dust and sharply reduced visibilities.

Areas ahead of the frontal system, from the southern Plains to the Great Lakes region, claimed record high temperatures. The Nation's hot spot, Wichita Falls, Tex., reported a record 94°. Other record-breakers: Omaha, Nebr. 85°, Madison, Wisc. 76°, and Baltimore, Md. 73°.

On Saturday the vigorous cold front denied spring's arrival in North Dakota, where wind gusts produced blowing and drifting snow that slashed visibilities and sent the chill factor as low as -30°.

Meantime the first day of spring brought severe weather to central U.S. Ahead of the cold front many tornadoes and heavy thunderstorms ravaged an 11-State area from Missouri to Louisiana through Michigan and Ohio to Alabama.

Not until claiming 4 lives and more than \$1 million in property damage did the storm finally abate on Sunday east of the Mississippi River. Showers and thunderstorms that accompanied the intense frontal system as it pushed eastward stretched from Maine through the Atlantic Coast States and along the Gulf Coast from Florida to southern Texas. Late in the afternoon the disturbance moved out to sea, ending the severe weather threat for the time.

National Agricultural Summary

For the week of March 15-21

HIGHLIGHTS: Unseasonably mild temperatures in the Nation's midsection helped green pastures and small grains. A cold front lowered temperatures enough to cause freeze damage to some blooming deciduous orchards. Fieldwork advanced far ahead of normal as farmers plowed, disked, and prepared seedbeds for spring planting when soil temperatures would be favorable.

SMALL GRAINS: The winter wheat crop headed out in South Texas and Florida and advanced to the joint stage in the Texas Low Plains and Oklahoma. Farther north the crop greened up except in the extreme north and higher elevations.

In Kansas, the wheat condition remained unchanged; poor in the west but good in the east. Winterkill appeared across the State. Heaviest cutworm infestation was in the northwest. Greenbugs were in the southwest and south central area. Spring seedings of oats, 65% and barley, 60% were well ahead of last year and the average. The Oklahoma wheat crop grew well where moisture was adequate but high winds caused additional losses in the Panhandle. Jointing, at 12%, was ahead of last year's pace, but near the average. Greenbug populations declined but farmers continued protective spray programs. Spring oats and barley planting neared completion.

In Texas wheat responded to warmer temperatures and moderate rainfall. Growth on the High Plains was mostly restricted to irrigated stands but dryland stands had better color and stronger appearance. Wheat in the Low Plains was jointing and early South Texas stands were heading. Oats made excellent growth throughout eastern and central Texas but elsewhere dry conditions lowered grain crop prospects. In New Mexico dryland stands were poor and irrigated fields were fair to good.

In the North Central Plains some wind erosion occurred but recent precipitation limited the damage. The crop was good to excellent in the Corn Belt States. Along the Atlantic Coast the winter wheat crop was good to excellent. On the West Coast, however, the California crop needed more moisture and in Washington and Oregon the crop was in fair to good condition and growing slowly.

OTHER CROPS: Corn planting advanced in the southeastern United States from Texas to South Carolina and in California. The Texas crop, at 17% planted, compared with 38% in 1975 and an average 24%. In Louisiana 15% of the crop was planted, well ahead of 9% last year. Mississippi growers had 12% of the corn planted.

Cotton planting was underway in Texas, California, and Arizona. In Texas, planting was on schedule in the Coastal Bend, Lower Rio Grande Valley, and South Central areas. Early stands grew well. Excellent moisture for planting was available from the Low Plains southward but in the High Plains growers applied preplant irrigation. Texas cotton planting, 7% complete, was the same as 1975 and compared with the 3-year average of 4%. In Arizona preplant operations continued and planting began in central and western areas. Cotton planting started in California's San Joaquin Valley and was more active in desert areas.

Texas sorghum seeding progressed rapidly, ahead of schedule from the Blacklands southward. Frost damaged a few scattered fields but in general stands and growth were excellent. Planting was 35% complete statewide compared with 27% last

year and average.

Sugarcane harvest neared completion and young cane was in good condition in Florida. In Louisiana sugarcane stands were good and some new fields emerged slowly. Weed and grass control measures were necessary. In Arizona sugarbeets progressed satisfactorily but evidence of disease persisted. Sugarbeet planting continued in Washington.

Rice planting began in Arkansas and California. In Louisiana, 10% of the rice was planted, compared with 13% in 1975 and 8% average. Texas growers were behind schedule with 15% planted, compared with 25% last year and a 20% 3-year average.

Tobacco transplanting was active from Florida to South Carolina. In Georgia transplanting was 25% complete. In the other tobacco States, later plant beds were seeded and earlier beds were up to good stands or sprouting.

VEGETABLES: In Arizona lettuce harvesting continued in western and central areas. In Virginia Irish potato planting ended and cabbage transplanting began. Louisiana strawberry harvest was light to moderate. In South Carolina transplanting of tomatoes and planting of squash and cucumbers were active in coastal areas. In Florida planting was active but dry weather slowed germination. Plants already growing were good. Vegetable shipments declined 8%. California vegetable growers planted, cultivated, sprayed, and harvested many crops. Asparagus harvest declined in the delta but good supplies of broccoli, cauliflower, asparagus, and artichokes were available from the central coast and lettuce and carrots from desert areas. Celery transplanting was active in the south coast area.

In Texas onion harvest gained momentum. Frost killed tomato transplants in several areas of Texas. Harvests of cabbage and carrots continued. Irrigated watermelons made good progress and some dryland fields were planted.

FRUITS AND NUTS: Although average temperatures were above normal a series of cold fronts caused frost damage ranging from very light in most areas to locally severe in Virginia, Oklahoma, and Tennessee. Freeze damage depended on bloom development. Washington growers prepared orchard heaters. Pruning neared completion. In Florida citrus trees were in full bloom and good to excellent condition; harvest was slowing. Arizona lemon harvest was virtually complete and trees had a heavy bloom. Grapefruit and valencia volumes were limited.

In California the almond bloom was 90% complete and yielding an excellent set. Navel harvest was over half complete, and harvest of lemons increased.

PASTURE AND LIVESTOCK: Pastures greened in the southeast quarter of the Nation but most grasslands provided less than 10% of the forage requirements for cattle. Late winter storms were hard on livestock in the Rocky Mountain States and the extreme North Central Plains States. Adverse weather also created difficult calving and lambing conditions but no abnormal losses occurred. Livestock were in fair to good condition and improved with mild weather and new grass growth. Sheep shearing was moving along rapidly.

Temperature and Precipitation Data for the Week Ending Midnight, L.s.t., March 21, 1976

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 . . .	57	+ 3	4.8	+3.4	La.Baton Rouge . . .	62	+ 2	.4	-.7	Youngstown . . .	39	+ 3	1.1	+.3
Mobile . . .	61	+ 1	.6	-1.1	Lake Charles . . .	61	0	.2	-.6	OKLA.Okla. City . . .	55	+ 7	T	-.5
Montgomery . . .	57	0	2.1	+ .7	New Orleans . . .	63	+ 2	T	-1.3	Tulsa . . .	54	+ 5	.1	-.5
ALASKA Anchorage . . .	22	- 2	1.2	+1.1	Shreveport . . .	59	+ 2	.1	-.8	OREG.Astoria . . .	47	+ 3	1.9	+.4
Barrow . . .	-17	- 2	T	0	MAINE.Caribou . . .	19	- 5	1.1	+.6	Burns . . .	39	+ 3	.2	0
Fairbanks . . .	7	- 3	.2	+.1	Portland . . .	26	- 7	.8	0	Medford . . .	47	+ 2	.1	-.3
Juneau . . .	36	+ 4	1.5	+ .7	MD.Baltimore . . .	48	+ 5	.3	- 0.5	Pendleton . . .	48	+ 4	.7	+.5
Kodiak . . .	-	-	-	-	MASS.Boston . . .	39	0	.8	- 1	Portland . . .	49	+ 3	.6	-.2
Nome . . .	- 5	-12	T	-.2	Chatham . . .	37	-	1.1	---	Salem . . .	47	+ 2	.5	-.5
ARIZ.Flagstaff . . .	40	+ 6	0	-.4	MICH.Alpena . . .	30	+ 3	.2	-.2	PA.Allentown . . .	42	+ 3	.5	-.3
Phoenix . . .	65	+ 5	0	-.1	Detroit . . .	41	+ 5	.1	-.5	Erie . . .	39	+ 6	.7	+.1
Tucson . . .	61	+ 3	0	-.1	Flint . . .	39	+ 6	.3	-.2	Harrisburg . . .	43	+ 1	.6	-.2
Winslow . . .	45	0	0	-.1	Grand Rapids . . .	38	+ 4	.5	-.1	Philadelphia . . .	46	+ 3	.4	-.5
Yuma . . .	67	+ 3	0	-.1	Houghton Lake . . .	29	+ 2	.2	-.2	Pittsburgh . . .	41	+ 2	.9	+.1
ARK.Fort Smith . . .	55	+ 4	T	-.8	Lansing . . .	38	+ 5	.4	-.2	Scranton . . .	40	+ 3	.7	+.1
Little Rock . . .	56	+ 5	.2	-.9	Marquette . . .	30	+ 2	.2	-.2	R.I. Providence . . .	38	+ 1	1.0	+.1
CALIF.Bakersfield . . .	62	+ 5	0	-.1	Muskegon . . .	37	+ 4	.6	0	S.C. Charleston . . .	56	- 1	1.0	-.1
Eureka . . .	49	+ 1	.5	-.6	S. Ste. Marie . . .	22	- 3	.2	-.2	Columbia . . .	57	+ 2	2.8	+1.7
Fresno . . .	57	+ 3	T	-.4	MINN.Duluth . . .	20	- 4	.1	-.3	Greenville . . .	49	- 2	2.1	+.9
Los Angeles . . .	56	- 3	0	-.5	Internatl Falls . . .	16	- 5	.1	-.2	S.D. Aberdeen . . .	36	+ 8	T	-.2
Red Bluff . . .	56	+ 3	T	-.6	Minneapolis . . .	33	+ 4	T	-.4	Huron . . .	37	+ 7	T	-.2
San Diego . . .	64	+ 6	0	-.4	Rochester . . .	34	+ 6	T	-.4	Rapid City . . .	41	+10	T	-.2
San Francisco . . .	54	+ 1	.1	-.5	St. Cloud . . .	26	- 1	T	-.3	Sioux Falls . . .	39	+ 9	T	-.3
Stockton . . .	55	+ 2	T	-.4	MISS.Jackson . . .	58	+ 2	3.6	+2.3	TENN.Chattanooga . . .	51	+ 1	1.4	+.1
COLO.Denver . . .	43	+ 6	.1	-.2	Meridian . . .	56	0	3.3	+1.9	Knoxville . . .	49	- 1	.4	-.7
Grand Junction . . .	41	- 1	0	-.2	MO.Columbia . . .	46	+ 4	.6	0	Memphis . . .	57	+ 6	1.1	-1.0
Pueblo . . .	43	+ 3	0	-.1	Kansas City . . .	47	+ 6	.2	-.4	Nashville . . .	54	+ 5	1.8	+.7
CONN.Bridgeport . . .	39	+ 1	.6	-.2	St. Louis . . .	45	+ 1	.5	-.2	TEX.Abilene . . .	58	+ 3	0	-.2
Hartford . . .	39	+ 3	1.1	+.3	Springfield . . .	51	+ 7	.1	-.6	Amarillo . . .	49	+ 3	0	-.2
D.C.Washington . . .	50	+ 4	.4	-.4	MONT.Billings . . .	42	+ 9	T	-.2	Austin . . .	63	+ 3	T	-.4
FLA.Apalachicola . . .	61	0	.4	-.7	Glasgow . . .	37	+11	.1	0	Beaumont . . .	61	+ 1	T	-.6
Daytona Beach . . .	65	+ 1	.1	-.7	Great Falls . . .	42	+12	T	-.2	Brownsville . . .	70	+ 2	T	-.1
Ft. Myers . . .	68	- 1	.3	-.4	Havre . . .	41	+14	T	-.1	Corpus Christi . . .	68	+ 3	T	-.2
Jacksonville . . .	61	- 1	.7	-.1	Helena . . .	40	+ 9	T	-.1	Dallas . . .	-	-	-	-
Key West . . .	76	+ 1	T	-.3	Kallispell . . .	37	+ 6	.1	-.1	Del Rio . . .	66	+ 3	T	-.1
Lakeland . . .	68	+ 1	.1	-.9	Miles City . . .	41	+11	T	-.1	El Paso . . .	59	+ 4	0	-.1
Miami . . .	74	+ 2	.1	-.4	Missoula . . .	41	+ 8	.1	0	Fort Worth . . .	57	+ 2	T	-.6
Orlando . . .	67	+ 1	.2	-.6	NEBR.Grand Island . . .	44	+ 8	.2	-.1	Galveston . . .	63	+ 2	.1	-.5
Tallahassee . . .	58	- 3	1.1	-.3	Lincoln . . .	45	+ 8	.1	-.3	Houston . . .	59	- 2	.2	-.4
Tampa . . .	67	+ 1	.1	-.8	Norfolk . . .	42	+ 9	.1	-.2	Lubbock . . .	53	+ 4	0	-.2
W.Palm Beach . . .	69	- 1	0	-.8	N.Platte . . .	40	+ 6	.1	-.1	Midland . . .	59	+ 4	0	-.1
GA.Atlanta . . .	52	+ 1	6.1	+4.8	Omaha . . .	46	+11	0	-.4	San Angelo . . .	60	+ 3	0	-.2
Augusta . . .	55	0	2.4	+1.3	Valentine . . .	39	+ 8	.2	0	San Antonio . . .	63	+ 2	T	-.3
Macon . . .	56	- 1	1.6	+.4	NEV.Ely . . .	36	+ 3	T	-.2	Victoria . . .	63	0	.1	-.3
Savannah . . .	57	- 1	1.2	+.1	Las Vegas . . .	57	+ 2	0	-.1	Waco . . .	60	+ 3	T	-.5
HAWAII.Hilo . . .	-	-	-	-	Reno . . .	43	+ 3	.1	0	Wichita Falls . . .	57	+ 4	0	-.4
Honolulu . . .	75	+ 2	1.5	+ .7	Winnemucca . . .	42	+ 4	T	-.1	UTAH.Blanding . . .	40	+ 2	0	-.2
Kahului . . .	74	+ 2	.2	-.5	N.H.Concord . . .	28	- 5	.6	0	Salt Lake City . . .	44	+ 4	.1	-.3
Lihue . . .	-	-	-	-	N.J.Atlantic City . . .	42	0	.6	-.4	VT.Burlington . . .	30	0	1.1	+.7
IDAHO.Boise . . .	41	0	T	-.2	Trenton . . .	46	+ 4	.6	-.3	VA.Lynchburg . . .	47	+ 1	.2	-.6
Lewiston . . .	44	+ 1	.4	+.2	N.MEX.Albuquerque . . .	47	+ 1	0	-.1	Norfolk . . .	53	+ 4	.2	-.6
Pocatello . . .	37	+ 1	.2	0	Roswell . . .	57	+ 7	0	-.1	Richmond . . .	50	+ 3	.2	-.6
ILL.Cairo . . .	54	+ 6	.6	-.5	N.Y.Albany . . .	34	0	1.2	+.6	Roanoke . . .	48	+ 2	.2	-.6
Chicago . . .	43	+ 6	.1	-.5	Binghamton . . .	33	+ 1	.7	+.1	WASH.Colville . . .	39	+ 1	T	-.3
Moline . . .	42	+ 6	0	-.6	Buffalo . . .	35	+ 2	.8	+.2	Omak . . .	42	+ 3	.1	0
Peoria . . .	43	+ 5	.4	-.3	New York . . .	44	+ 3	.8	-.1	Quillayute . . .	45	+ 3	5.4	+3.0
Rockford . . .	39	+ 4	T	-.6	Rochester . . .	36	+ 2	.7	+.1	Seattle-Tacoma . . .	46	+ 2	.4	-.4
Springfield . . .	44	+ 4	.5	-.1	Syracuse . . .	34	0	1.3	+.6	Spokane . . .	38	0	.1	-.3
IND.Evansville . . .	49	+ 5	.7	-.4	N.C.Asheville . . .	47	+ 1	.6	-.5	Walla Walla . . .	48	+ 2	.6	+.3
Ft. Wayne . . .	42	+ 5	.3	-.4	Charlotte . . .	50	- 1	1.3	+.3	Yakima . . .	42	0	T	-.1
Indianapolis . . .	44	+ 4	1.0	+.1	Greensboro . . .	50	+ 2	.3	-.5	W.Va.Beckley . . .	43	+ 2	1.1	+.1
South Bend . . .	43	+ 7	1.1	+.5	Hatteras . . .	55	+ 4	1.1	+.3	Charleston . . .	48	+ 3	1.8	+.9
IOWA.Burlington . . .	44	+ 6	0	-.6	Raleigh . . .	53	+ 3	1.0	+.2	Huntington . . .	49	+ 4	2.0	+1.0
Des Moines . . .	43	+ 9	T	-.6	Wilmingon . . .	56	+ 1	1.1	+.2	Parkersburg . . .	45	+ 2	1.1	+.2
Dubuque . . .	37	+ 4	0	-.7	N.DAK.Bismarck . . .	34	+ 8	T	-.2	WIS.Green Bay . . .	28	- 1	T	-.4
Sioux City . . .	42	+ 8	T	-.4	Fargo . . .	24	- 1	T	-.2	La Crosse . . .	35	+ 3	0	-.5
KANS.Concordia . . .	46	+ 7	.2	-.2	Williston . . .	31	+ 6	.1	0	Madison . . .	37	+ 6	T	-.5
Dodge City . . .	49	+ 8	T	-.3	OHIO.Akron-Canton . . .	38	+ 1	1.0	+.3	Milwaukee . . .	40	+ 8	.1	-.4
Goodland . . .	43	+ 7	T	-.2	Cincinnati . . .	44	+ 2	.9	-.1	WYO.Casper . . .	38	+ 7	.1	-.1
Topeka . . .	49	+ 7	.2	-.3	Cleveland . . .	41	+ 4	1.0	+.3	Cheyenne . . .	36	+ 5	T	-.3
Wichita . . .	49	+ 5	.1	-.3	Columbus . . .	40	0	.9	+.1	Lander . . .	38	+ 6	T	-.3
KY.Lexington . . .	47	+ 3	1.3	+.2	Dayton . . .	43	+ 3	.7	-.1	Sheridan . . .	39	+ 8	T	-.3
Louisville . . .	50	+ 5	.6	-.6	Toledo . . .	41	+ 5	.3	-.3	P.R.San Juan . . .	77	+ 1	.7	+.3

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State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State offices in cooperation with the National Weather Service, NOAA.

ALABAMA: Heavy rainfall and flooding, 15th and 16th. Severe thunderstorms 20th. Temperatures near normal.

Fieldwork delayed by rainfall. Limited corn planted. Main activities routine maintenance and chores. Small grain prospects favorable. Pastures improved, providing some grazing. Live-stock poor to fair.

ARIZONA: Dry, low humidity. Temperatures mild, 1 to 6° above normal.

Preplanting operations continue. Some planting central, west. Wheat and barley making progress, well advanced. Sugarbeets satisfactory progress, disease symptoms persist. Alfalfa hay growth increased, some cutting. Lettuce harvest continued west, increasing central. Cantaloups good progress. Lemon harvest virtually complete. Sales limited grapefruit, Valencia. Demand good kinnows. Heavy bloom, lemons. Additional rains needed maintain range development, low elevations. Condition higher elevations better, water supplies fair. Cattle condition improving. Fat lamb shipments active.

ARKANSAS: Rainfall over entire State east central heaviest. Amounts from 1.44 in. to trace. Above normal temperatures north and south, near normal through central. Extremes: 22 and 83°.

Fieldwork progressed well with land preparation completed in parts of Delta. Limited rice seeded in Delta. Pastures good growth. Still some cattle feeding. No fruit damage.

CALIFORNIA: Fair except precipitation beginning week northwest and north 18th and 19th. Totals light Sacramento Valley to 0.50 in. north coast and over 1.00 in. northern Sierra Nevada. Highs near 80° midweek Central Valley and low southeast deserts near 60° late week. Local frost coastal valleys northern and central areas beginning and end of week. Temperatures near normal low southeast deserts and central coast and mostly 3 to 7° above other areas.

Dryland small grain needs moisture badly, westside central interior valleys. Cotton planting started San Joaquin Valley, more active desert areas. Planting corn, rice begun. Fruit bloom continues. Almond bloom 90% complete, set good to excellent. Irrigation underway most areas. Navel harvest over half complete. Lemon harvest increasing.

Vegetable activities included ground preparation, planting, cultivation, spraying, and harvesting many crops. Delta harvest asparagus declined. Good supplies broccoli, cauliflower, asparagus, and artichokes central coast. South coast celery transplanting active. Lettuce, carrot harvests increased deserts. Supplemental feeding continues, attempt maintain herds. Range cattle fair, poor. Range below normal. Sheep being moved off winter pastures into foothill areas. Water supplies sufficient, but below normal.

COLORADO: Pacific cold front 8th leaving 6 to 10 in. new snow mountains. Temperatures well above normal, 4° above mountains and west, 8° above normal east. Storm passed through 12th and 13th with precipitation limited to mountains and high winds in east and along foothills. Velocities 50 to 60 mph.

Planting spring seeded crops getting underway. Limited damage to winter wheat from wind. Live-stock in good condition.

FLORIDA: Warm early week with cold front pushing downstate 17th. Frost 17th and 18th over northern portions. Temperatures moderated by weekend. Rainfall mostly light southern portions to near 2.00 in. panhandle.

Soil moisture adequate west, south, short north, central. Corn planting active. Early seedings making good growth. Transplanting tobacco active. Peanut seeding underway. Small grains heading, some mildew evident. Peaches and nectarines good. Sugarcane harvest nearing completion. Young cane good. Pastures recovering from cold winter. Grazing improved with frequent showers. Winter pastures in panhandle mostly good, north generally fair, central, south, poor to fair. Cattle, calves mostly fair to good, supplemental feeding tapering off. Citrus tree condition very good to excellent. Some rain, more needed. Full, open bloom. Orange harvest slowing.

Total vegetable volume decreased 8%. The volume leader, cabbage, fell 12%. Other crops decreasing were strawberries, lettuce, green peppers, radishes, and tomatoes. Crops holding steady were carrots, celery, Chinese cabbage, sweet corn, escarole, and squash. Crops increasing in volume were snap beans, cucumbers, eggplant, and potatoes. Watermelon plantings heavy north, west. Dry weather slowing germination. Plant condition good. Early fruit set, sizing fair to good in southwest.

GEORGIA: Temperatures near 50° north to low 60's extreme south. Readings 1 to 3° below normal north to near normal south.

Moderate to heavy rains and few thunderstorms mainly north and central first of week. Rainfall 1.00 to 2.00 in. north on 13th and 3.00 to 5.00 in. or more on 16th. South 1.00 in. occurring mainly on 17th.

Soil moisture surplus central and north, adequate south. Land preparation 60% complete north, 70% central, 85% south. Small grains good, top-dressing 60% complete north, 90% central, finished south. Tobacco plants good, transplanting 25% complete. Pastures fair to mostly good and improving. Cattle fair to good. No freeze damage to peach blooms.

HAWAII: Weather partly cloudy. Rains frequent all islands. Heavy rains 18th slowed crop progress. Wet conditions causing leafy crops spoilage. Vegetable supplies head cabbage heavy others light to moderate. Banana, papaya, pineapple harvesting light. Pastures good condition.

IDAHO: Precipitation above normal north and southeast but generally below normal southwest. Totals to 0.56 in. Temperatures near normal. Extremes -5 and 65°.

Fieldwork restricted to southwest due to snow cover and periodic storms other areas. Lambing winding up. Spring calving in full swing. Feed supplies adequate.

ILLINOIS: Temperatures 4 to 9° above normal. Cooler 21st. Precipitation light north; 0.50 to 0.75 in. south. Severe thunderstorms late week.

Winter wheat, other small grains and legumes mostly good to excellent. Livestock mostly good,

some disease. Oats 10% seeded. Corn and soybean acreage 72% plowed. Pastures supplying 10% live-stock roughage requirements. Soil moisture mostly adequate. Fieldwork: 3.0 days suitable.

INDIANA: Warm, some cool temperatures. Few tornadoes 20th. Property damage locally severe and several people injured. Extremes: 12 and 76°. Rainfall 1.00 in. south and northcentral, elsewhere 0.30 to 0.70 in. Sunshine 60% of possible.

Spring work slow most areas due to increased soil moisture. Preparing equipment, laying in supplies, limited plowing, fertilizing and seeding spring grain and legumes main activities. Moving grain out of on-farm storage. Greening of winter grain continues.

IOWA: Temperatures above 3° northeast 11° southwest. Readings ranged 70's 19th to teens 17th. Precipitation below normal 0.33 in. west to 0.67 in. east. Light snow northwest 16th and 17th, scattered traces elsewhere.

Some early spring fieldwork plowing, disking, and anhydrous application starting, mostly in south.

KANSAS: Little or no precipitation southwest and extreme west, 0.25 in. northeast and north central. Only a few hundredths elsewhere. Temperatures 46° northwest to 52° southeast or 6 to 10° above normal. Strong winds 19th and 20th produced considerable blowing dust west.

Wheat condition unchanged. Poor west, good east. Winterkill appearing across State. Cutworms heaviest northwest. Greenbugs southwest, south central. Oats 60% planted, 5% last year, 40% normal. Barley 35% planted, 20% normal, 10% last year.

KENTUCKY: Temperatures few degrees above normal although mid-week below normal. Light snow and rain 16th. Moderately heavy rain 20th. Precipitation total 2.00 to 3.00 in. west to 2.00 in. south central and east.

Field activities at a lull, many fields plowed, a little sod ground worked but too early for seeding. Cool nights slowing vegetative growth but progress ahead normal. Limited freeze damage. Pastures greening, furnishing little forage. Last clean-up burley sale during period; all other tobacco markets closed.

LOUISIANA: Temperatures 2 to 4° above normal. Extremes: 83 and 30°. Scattered frost 17th. Showers 15th and 20th. Heaviest rainfall north-east.

Soil moisture surplus north, adequate south. Days suitable for fieldwork 1.8 north, 4.8 south, 3.3 statewide. Main activities seedbed preparation, fertilizing pastures, machinery repair, care of livestock. Rice 10% planted, 13% last year, 8% average. Corn 15% planted, 9% last year. Sugarcane stands good; some plant cane slow to emerge. Weed and grass control active. Strawberry harvest light to medium volume. Irish potatoes good growth. Small grains good. Pasture feed average. Cattle fair.

MARYLAND & DELAWARE: Temperatures near normal. Extremes; 10 and 74°. Precipitation 0.10 to 1.70 in. Some in form of snow. Weekend mild, mostly sunny. Damaging winds 21st.

Farmwork halted by rain, but ahead of normal. Small grains fair to excellent, depending on seeding time; earlier seeding better stands. Livestock good and wintered well, good calving with few losses. Some tobacco beds starting to sprout.

Orchardists well along with pruning. Some damage expected on early peach varieties. Soil moisture supplies adequate to surplus.

MICHIGAN: Temperatures above normal. Precipitation light, averaging 0.33 in. High winds and tornados southern Lower 20th.

Pruning fruit trees, repairing equipment. Feeding livestock and farm chores main activities.

MINNESOTA: Temperatures 6° below normal northeast to 8° above normal southwest. Extremes: -10 to 75°. Dry, precipitation trace to 0.10 in. New snow, traces to 0.5 in. Snowcover week's end 10 to 18 in. Northcentral, northeast; 4 to 9 in. elsewhere in north; mostly traces to 1 in. south half.

Feedlots, farmsteads muddy. Fields snow free southern area.

MISSISSIPPI: Temperatures 3 to 6° subnormal south-east and coastal, 2 to 5° above normal elsewhere. Extremes: 85 and 24°.

Soil moisture mostly surplus. Fieldwork: 1.5 days suitable. Plowing 44% completed. Corn 12% and Irish potatoes 76% planted. Winter wheat 44% and oats 42% jointing. Winter wheat and oats fair to good. Livestock fair. Hay and roughage supplies short to adequate. Feed grain supplies short.

MISSOURI: Snow to 6 in. north early week. Precipitation .25 to .50 in., heaviest in western plains. Temperatures from 1° above normal East Ozarks to 5° above West Ozarks.

Farm activities: fieldwork - 2 days suitable. Plowing 67% complete, 6 weeks ahead of normal. Oats 37% sown, 2 weeks ahead of normal. Wheat good. Pastures fair to good. Soil moisture adequate.

MONTANA: Early week cool, warming mid-week. Cooling weekend. Temperatures 5 to 10° above normal. Precipitation end of week light mostly as snow.

Winter wheat fair to good. Blustery weather hard on livestock, calving losses about normal. Considerable soil blowing parts of northcentral 19th and 21st.

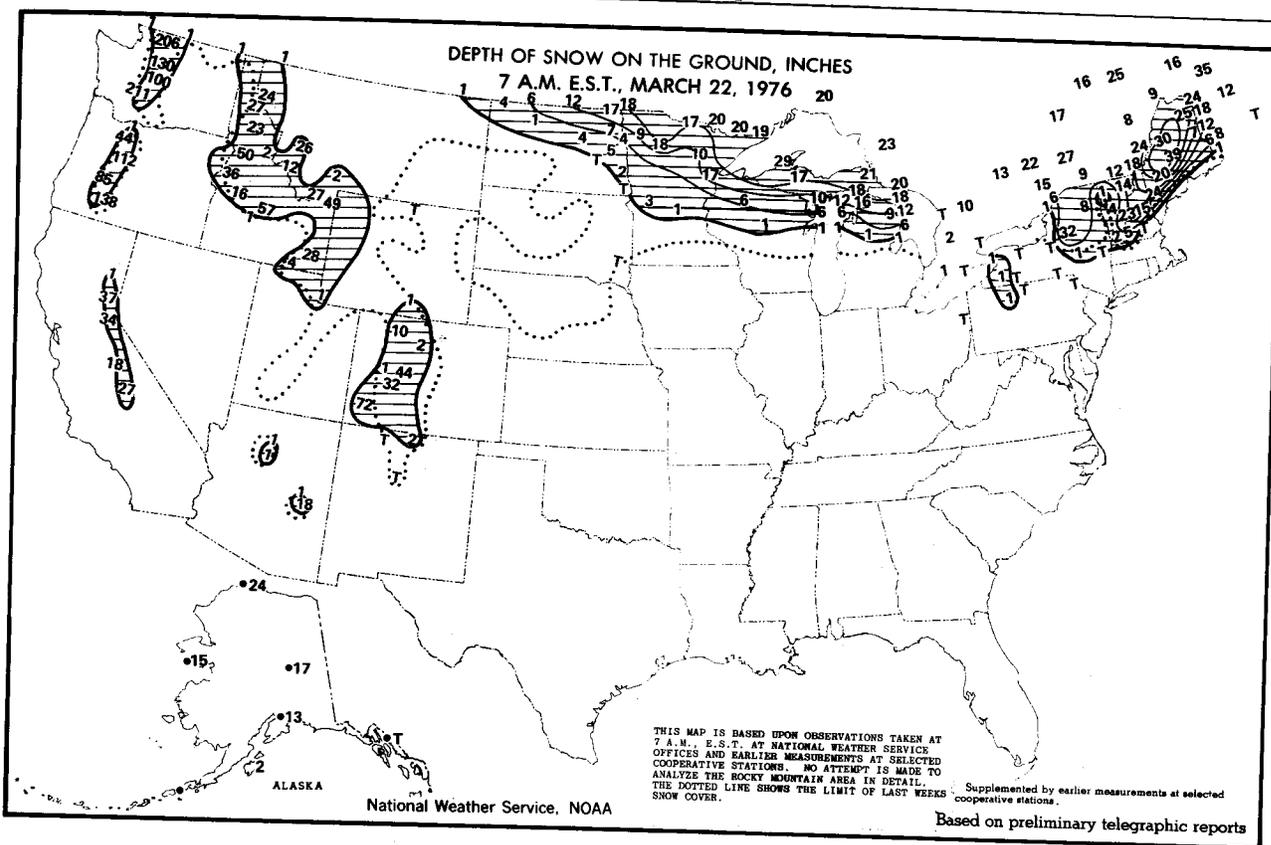
NEBRASKA: Rain and snow welcome but many fields too wet for fieldwork. Some farmers stalk shredding, plowing, and discing; but most waiting for drier fields. Topsoil moisture short 36%, adequate 64%. Subsoil moisture reported short 89% compared with 91% early April last year. Winter wheat mostly fair. Wind erosion limited by moisture past week. Wheat greening and beginning growth. Spotty stands due to late planting, inadequate moisture. Calving full swing with generally good weather.

NEVADA: Cold front middle of week produced light precipitation north. Temperatures near normal south, 3° above north. Extremes: 6 and 83°.

Good progress seedbed preparation. Fall planted grains greening slowly. Livestock favored by mild weather. Calving and lambing gaining momentum.

NEW ENGLAND: Storm 16th and 17th brought heavy snow except south coast where precipitation was rain. Maine snowfall 8 to 14 in. with 18 to 24 in. mountains. Light snow 19th northern New England. Cold early week, moderation southern and western New England 19th.

NEW JERSEY: Temperatures 3° above normal. Extremes: 12 and 70°. Rainfall 0.58 in. north,



0.62 in. central and 0.36 in. south. Soil moisture, in % of field capacity, 98% north, 94% central and 91% south. Four in. soil temperature 38° north, and 42° central and south. Tornado-like winds some areas 21st. Property damage reported. Growers busy with spring chores. Warmer weekend temperatures advanced early planted crops and fruit. Pastures greening.

NEW MEXICO: No precipitation. Very windy all sections 19th and 20th. Soil moisture short all areas. Ranges generally fair, many in poor condition. Calving-lambing 70% complete. Shearing well advanced. Livestock fair. Dryland wheat poor. Irrigated wheat and barley eastern areas fair, good southern areas. Durum wheat good. Farm activities continued to make good progress.

NEW YORK: Temperatures below normal northeast, above normal south and near normal central. Precipitation normal western, south central and south-eastern and above normal elsewhere. Snowstorm 16th left 4 to 12 in. in all but extreme southeast where mostly rain fell. Very cold 18th, temperatures below zero northeastern sections. Air warmed rapidly and by 20th readings in the 60's and 70's although some snow-covered mountain areas remained in the 40's to 50's. On 21st squall line ahead of cold front caused locally damaging winds, mostly in southeast sections.

NORTH CAROLINA: Temperatures slightly below normal, mainly due to cooler overnight readings. Freezing caused some damage to fruit trees. Precipitation .30 to 1.00 in. Days suitable fieldwork 2.9. Soil moisture adequate. Small grains, pastures, tobacco plant beds mostly good. Irish potatoes fair to good. Ade-

quate farm feed supplies. Farm activities routine chores and maintenance with land preparation and fertilizer application continuing.

NORTH DAKOTA: Temperatures 6° above normal to 2° below normal. Precipitation 0.24 in. below normal southeast to 0.05 in. below normal northwest. Weekend temperatures below normal, blizzard conditions and scattered snow or freezing rain. Snow beneficial for moisture supplies. Blizzard conditions made calving and lambing difficult.

OHIO: Fair 15th, snow 16th with 3 to 5 in. north. Heavier amounts northeast snow belt area. Much colder 17th lows in teens and 20's. Warming trends 18th to 20th. Wide thunderstorm activity evening of 20th with tornadoes and thunderstorms causing property damage mainly north. Colder 21st. Extremes: 10 to 80°. Precipitation 1.93 in. to 0.28 in.

OKLAHOMA: Temperatures 3 to 5° above normal. Precipitation none Panhandle and southwest to 0.18 in. southeast. Weekend mild and dry except few showers southeast area. Wheat made good growth where moisture adequate. High winds caused further loss in Panhandle. About 12% acreage jointing, ahead of year ago but near average. Greenbug population dropping; but spray program continues. Most cattle removed from fields for grain harvest. Planting spring oats and barley near complete. Oats good to fair, barley only fair. Panhandle corn land irrigated for planting. Freeze damage to fruit ranged from severe to light, generally decreasing northwest to southeast. Ranges starting to grow, providing limited grazing. Cattle marketing active. Condition fair to good.

OREGON: Temperatures 3° above normal. Extremes:

60's, 29 west; 50's, 13 east. Precipitation along coast 0.97 to 2.22 in., 0.06 to 1.62 in. western valleys, 0.02 to 0.94 in. east.

Fertilizing fall grain, land preparation for spring grain underway, west. Fall grain fair to good. Pruning orchards, training berries. Potatoes seeded Hermiston area. Western onion deal nearly completed. Feed supplies adequate, most livestock good shape. Western pastures showing new forage growth. Calving continuing.

PENNSYLVANIA: Cold, snow beginning of week; warm weekend. Snowfall traces to 6 in. 16th. Showers and thunderstorms weekend, damaging wind 21st with frontal passage. Temperatures near normal north central, 4 to 6° above normal south and west. Precipitation 0.50 in. south central to greater than 1.00 in. west central. Only trace of snow remained in mountain areas.

Fieldwork limited, some progress on plowing was made.

PUERTO RICO: Island rainfall 0.46 in. or 0.07 in. below normal. Temperatures 75° on coasts and 68 to 69° interior with mean readings 78°, 61°. Extremes: 91 and 48°.

SOUTH CAROLINA: Temperatures above normal. Readings below freezing midweek northern, central, frost 17th, 18th. Rainfall moderate to heavy 15th, 16th, scattered amounts west end of week. Flooding some streams due to rains.

Rains slowed activities most areas. Transplanting tomatoes, replanting squash, planting cucumbers coastal area. Land preparation, fertilization, applying herbicides most areas. Transplanting tobacco. Planting corn. Orchard maintenance. Only little damage to peach crop from cold.

SOUTH DAKOTA: Temperatures 13° above normal. Extremes: 78° and 0°. Precipitation light except extreme southwest and Black Hills, where up to 0.33 in. received.

Wind erosion damaging some fields, especially winter wheat. Few farmers beginning fieldwork. Calving and lambing progressing.

TENNESSEE: Precipitation followed by clearing and freezing temperatures 17th. Cold front over weekend brought high winds, showers and severe weather. Temperatures mid 40's east to mid 50's west, 5° above normal west to near normal east. Precipitation 0.50 in. west and east to 1.50 in. central.

Fieldwork resumed midweek, ahead of normal. Plowing, disking, fertilizing and tobacco bed seeding main activities. The number of days suitable for fieldwork: 3.0 days. Some pear and peach blossoms frozen east. Frost danger to fruit trees.

TEXAS: Weather: Two cold fronts past week. Northeast Texas upper remainder State little or no precipitation. Temperatures within 2° normal.

Crops: Wheat, oats making good growth response rain warmer temperatures. High Plains, Edwards Plateau, South Texas, drought conditions limited growth response. Planting cotton, corn, sorghum, rice satisfactory progress expected move northward coming weeks. Preplant irrigation underway High Low Plains where seeding start shortly. Wheat: Showing good response warmer weather moderate rainfall. Growth High Plains restricted mostly irrigated stands dryland better color looking stronger. Stands jointing Low Plains South Texas early stands heading. Greenbug still

require control High and Low Plains. Oats: Making excellent growth East Texas, Blacklands South Central Texas following rains warmer temperatures. Grazing also improved and normal grain crop expected many localities. Drought conditions Edwards Plateau South Texas, reduced grain crop prospects below normal. Corn: Planting rapid progress from Blacklands to Lower Rio Grande Valley. Stands making good growth most localities. Seeding 17%, 38% last year, three-year average 24%. Cotton: Planting on schedule Coastal Bend, Lower Rio Grande Valley, South Central Texas. Early stands good growth. Excellent planting moisture available Low Plains southward. High Plains farmers applying preplant irrigation. Planting for State: 7% complete, on schedule last year, compares with three-year average 4%. Sorghum: Seeding making rapid progress from Blacklands southward and ahead schedule. Excellent stands most localities and showing good growth but frost damage scattered localities. Planting 35%, last year 27%, three-year average also 27%. Rice: Seeding good progress but still well behind schedule. Planting 15%, 25% last year, three-year average 20%.

Commercial vegetables: Lower Rio Grande Valley: Onion harvest gaining momentum, shipments exceeding 100 truckloads a day. Cabbage and carrot harvest continues. Coastal Bend: Irrigated watermelons making satisfactory progress. Some dryland fields still being planted. Laredo: Onion harvest started. Planting melon crop virtually complete. San Antonio-Winter Garden: Carrot digging remains active. Onions making good growth. Watermelon and cantaloup planting continues with early fields in 8 to 10 leaf stage. Spinach cutting in final stages. Central Texas: Early tomato transplants killed by frost and freeze. East Texas: Land preparation continues for the watermelon, tomato, and sweetpotato crops. Knox-Haskell: Two mornings of freezing temperatures and frost damaged tops of some early potatoes. Trans-Pecos: Onions making fair to good progress. High Plains: Potato and onion planting continues. Citrus: Harvest continues active with large portion of crop now going to processing.

Range and Livestock: Range livestock excellent response recent rain, warm temperatures south eastern areas. Western areas ranges continue decline but livestock hold up fairly well. High Low Plains livestock continue to move off wheat, oats where grain crop expected. Sheep shearing good progress ranchers busy marking spring lambs.

UTAH: Scattered snow northwest portion late week. Accumulated moisture light to locally moderate. Temperatures 4° below normal to 5° above.

Spring plowing, other field work in progress. Range calving underway. Few sheep operations started shearing on western ranges. Apricots and plums in full bloom bit by frost. Alfalfa fields greening up, about 6 in. high.

VIRGINIA: Temperatures above normal. Extremes: 80 and 14°. Rainfall light averaging 2.5 in.

Fieldwork: 3.2 days suitable. Topsoil moisture 10% short, 74% adequate, 16% surplus. Pasture, small grains good. Livestock very good. Potato planting near completion. Transplanting cabbage. Freeze damage alfalfa and fruit crops. Severe fruit kill some localities. Late blooming variety little damage. Season 2 to 4 weeks ahead of normal. Seeding tobacco plant beds, applying lime and fertilizer, preparing land for corn, soybeans, and tobacco. Feeding livestock, general repairs.

WASHINGTON: **West:** Temperatures near normal to a little subnormal. Precipitation subnormal. Some cultivation and fertilizing but most fields too wet. Digging and sorting strawberries. Pruning and tying caneberries. Caneberries beginning to grow. Cabbage fields bolting, fertilizers applied. Pastures too wet, growth slow. **East:** Readings near normal to 2° subnormal. Precipitation subnormal.

Pruning, spraying for pear psylla, orchard renewal, preparation of orchard heaters underway. Planting peas, potatoes, sugarbeets, spring wheat. Irrigation begun. Dryland wheat area too wet or frozen. Some fields heaving and reseeded necessary. Winter wheat growing slowly. Some foot rot. Other activities: Spraying, seeding, top-dressing. Grass growing slowly. Most cattle fed before turnout.

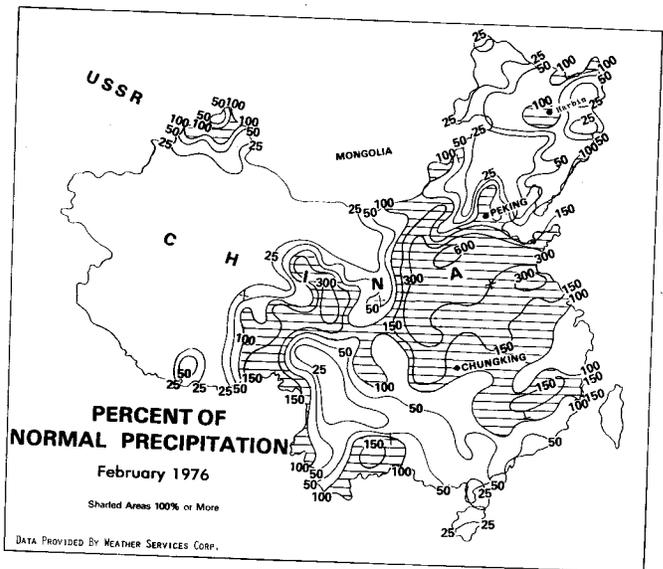
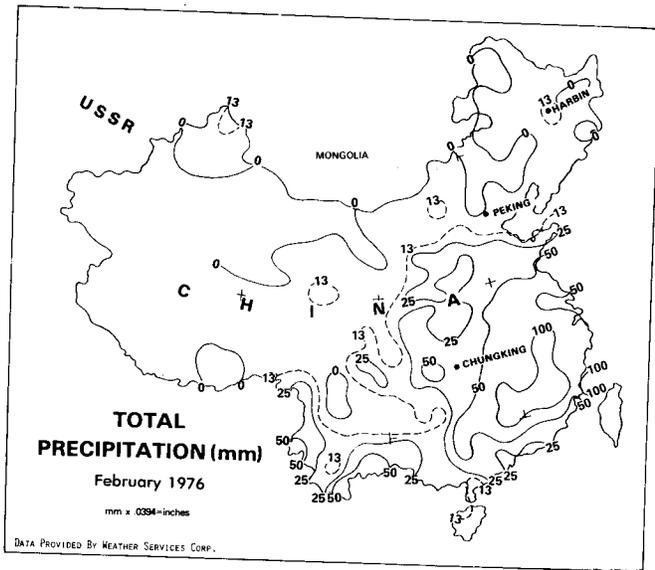
WEST VIRGINIA: Temperatures above normal except northeast. Precipitation above normal south and central, below normal northeast and normal elsewhere.

Fieldwork: Suitable 3.6 days. Soil moisture mostly adequate. Grass greening up. Small grains good. Farm activities include spring plowing and preparation for fertilizing.

WISCONSIN: Cold but temperatures moderated 17th and unseasonably warm 18th and 19th. Cold front 20th brought much colder air weekend. Precipitation light. Little snow north early and late week. Few thunderstorms north 19th and light rain 20th changing to snow flurries. Snow cover receding northward.

WYOMING: Temperatures 4 to 6° above normal. Maxima 50's and 60's. Minima in teens. Precipitation below normal, between 0.01 in. to 0.10 in. Calving, shed lambing, farm sheep shearing well underway. Supplemental feeding continued. Preparations for spring planting. Soil moisture short to adequate. Winter wheat fair, mostly dormant.

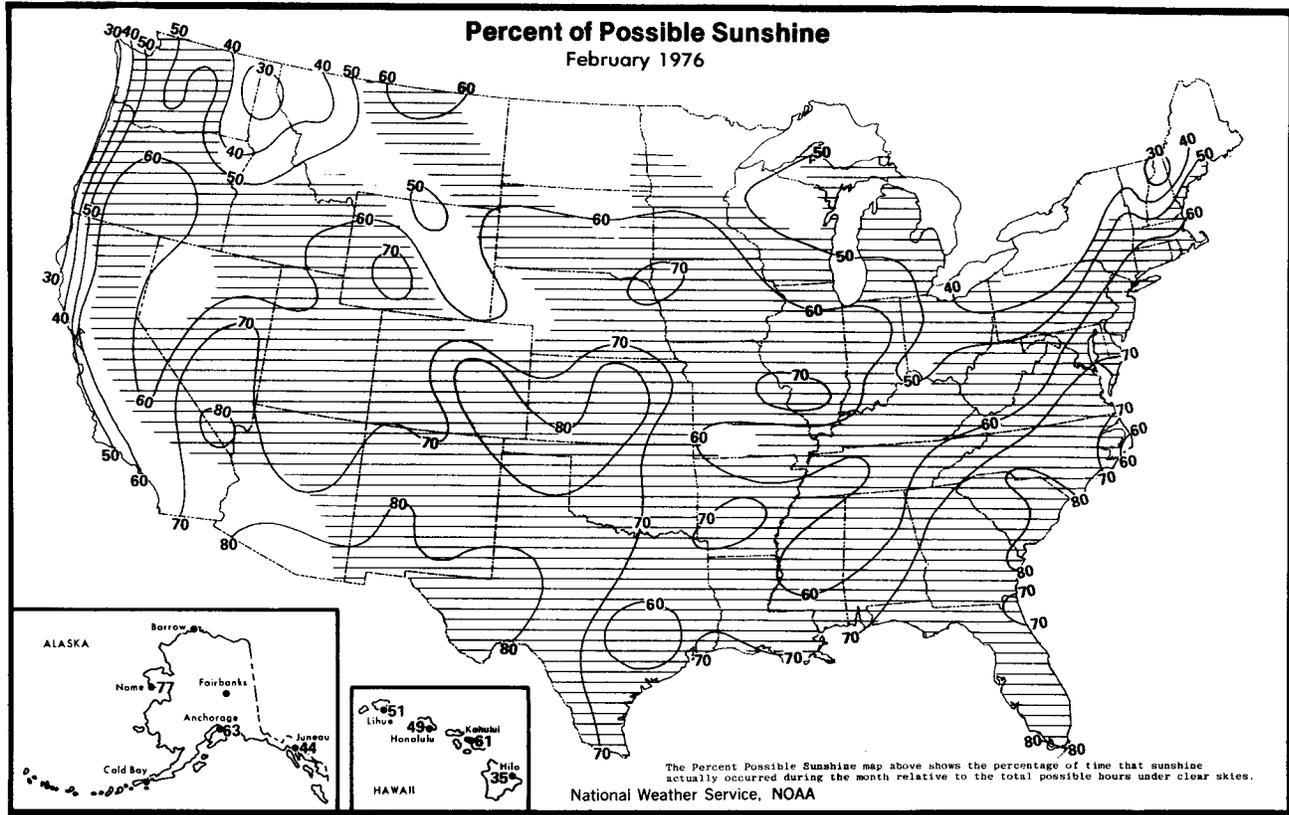
China Precipitation



World Weather and Crop Update

Widespread and rather generous precipitation in mid-March benefited growing crops and improved soil moisture for spring sowing in the Canadian Prairie Provinces, European USSR, and Middle East. Substantial rains March 21-22 ended the late winter dry spell in western Europe. Increased shower activity in the Malay Peninsula brought relief from the destructive drought that began

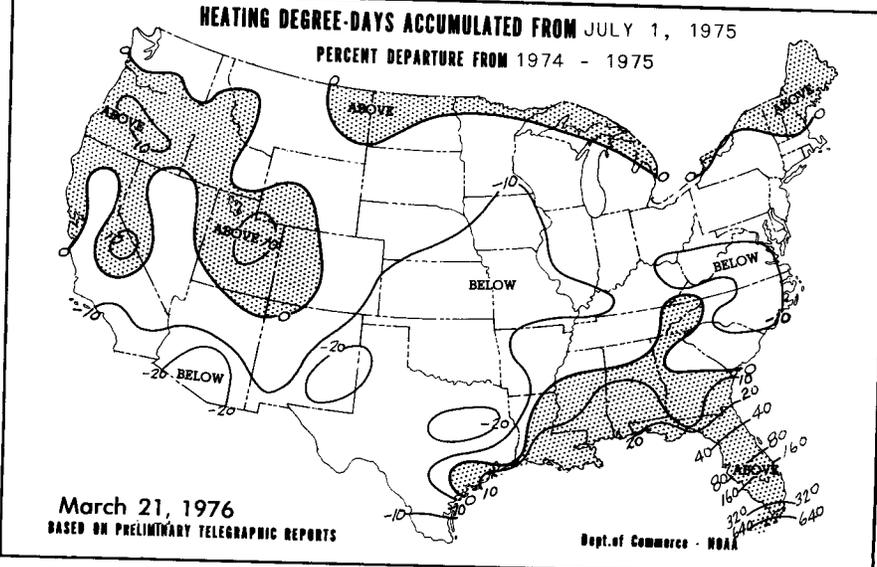
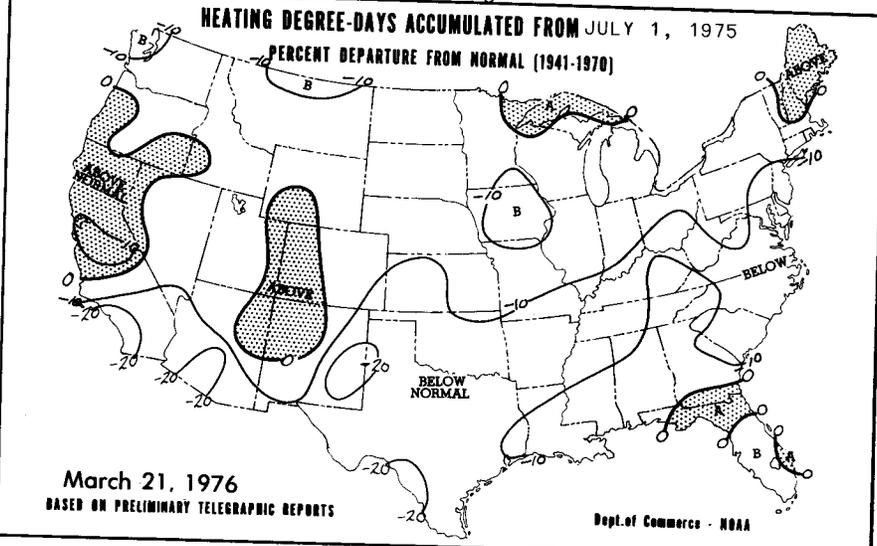
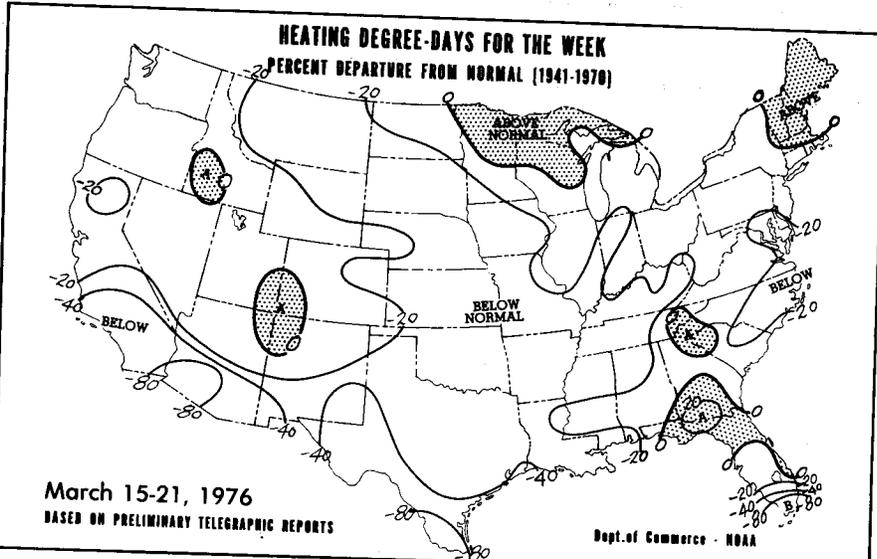
in December. Although continued dry conditions in much of India and Sri Lanka favored harvest of winter grains, rain is needed to sustain other crops and for the start of spring planting. In contrast rains continued to bother maturing crops in South Africa, where relatively dry weather is important for harvest during the next several weeks.



Heating Degree Days (Base 65° F.) February 1976

ALA. Birmingham	314	MAINE, Caribou	1489	OKLA. Okla. City	367
Mobile	174	Portland	1061	Tulsa	402
Montgomery	294	MD. Baltimore	603	OKC. Astoria	640
ALASKA, Anchorage	1482	MASS. Boston	800	Burke U.	998
Barrow	2555	Chatt.	852	Medford	712
Fairbanks	2283	NY. Albany	1197	Pendleton	782
Juneau	1131	Detroit	914	Portland	622
Rome	2297	Flint	997	Sales	709
ARIZ. Flagstaff	862	Grand Rapids	980	PA. Allentown	920
Phoenix	123	Houghton Lake	1180	Erie	932
Tucson	180	Lansing	1010	Harrisburg	729
Winslow	988	Marguette U.	1120	Philadelphia	692
Yuma	116	S. Ste. Marie	942	Pittsburgh	801
ARK. Fort Smith	413	MI. DeLott	1279	Scranton	864
Little Rock	359	Internat. Falls	1463	R.I. Providence	850
CALIF. Bakersfield	272	Minneapolis	1074	S.C. Charleston	265
Burke U.	517	Rochester	1056	Columbia	275
Fresno	440	St. Cloud	1238	Greenville	415
Los Angeles U.	246	MISS. Jackson	252	S. DAK. Aberdeen	1101
Red Bluff	452	Meridian	323	Buron	1057
Stockton	408	MO. Columbia	645	Rapid City	878
San Diego	150	Kansas City	640	Sioux Falls	1023
San Francisco	615	St. Louis	619	TE. Chattanooga	470
COLO. Denver	740	Springfield	533	Knoxville	485
Grand Junction	775	NOV. Billings	926	Memphis	326
Pueblo	714	Glasgow	1022	Nashville	417
CONN. Bridgeport	828	Great Falls	994	TEX. Abilene	276
Hartford	869	Havr.	965	Amarillo	158
D.C. Washington	524	Helena	1024	Beaumont	170
FLA. Apalachicola	233	Kalispell	1037	Brownsville	74
Ft. Myers	78	Miles City	941	Corpus Christi	94
Jacksonville	210	Missoula	959		
Key West	4	NEBR. Grand Island	791		
Lakeland U.	92	Lincoln	810	Del Rio	125
Miami	217	Norfolk	900	El Paso	351
Orlando	104	North Platte	929	Fort Worth	217
Daytona Beach	143	Omaha	791	Galveston U.	128
Tallahassee	234	Valentine	907	Houston	178
GA. Atlanta	109	NY. Ely	985	Lubbock	397
Augusta	320	Las Vegas	339	Midland	258
Macon	280	Reno	863	San Angelo	251
Savannah	256	Winneucca	718	San Antonio	186
IDAH. Boise	886	N. H. Concord	1162	Victoria	120
Lewiston	714	N. J. Atlantic City	733	Waco	198
Pocatello	1026	Trenton U.	758	Wichita Falls	295
ILL. Cairo U.	458	N. MEX. Albuquerque	622	UTAH, Blanding R.	791
Chicago	840	Essex	922	Salt Lake City	890
Moline	855	N. Y. Albany	964	VT. Burlington	1168
Peoria	868	Birmingham	999	VA. Lynchburg	550
Rockford	886	Buffalo	958	Norfolk	443
Springfield	732	New York	695	Richmond	480
IND. Evansville	628	Fargo	914	Rossmore	523
Fort Wayne	658	Syracuse	937	Rochester	998
Indianapolis	754	N. C. Asheville	566	Omaha	---
South Bend	856	Charlotte	425	Quilleypts	718
IOWA, Burlington	805	Greensboro	454	Seattle-Tacoma	693
Des Moines	890	Hatteras R.	379	Spokane	946
Dubuque	1000	Wilmington	294	Walla Walla U.	899
Sioux City	907	Winnipeg	1087	Yakima	829
KANS. Concordia	657	N. DAK. Bismarck	1257	W. VA. Beckley	655
Dodge City	574	Williston U.	1227	Charleston	548
Goodland	724	OHIO, Akron-Canton	670	Huntington	538
Topeka	639	Cincinnati U.	811	Parkersburg U.	609
Wichita	562	Cleveland	836	WIS. Green Bay	1130
KY. Lexington	606	Columbus	791	Madison	1035
Louisville	582	Dayton	760	Milwaukee	1056
LA. Baton Rouge	189	Lake Charles	167	MO. Cape Girardeau	978
Lake Charles	167	New Orleans	205	Cheyenne	1003
New Orleans	205	Shreveport	186	Lander	864
Shreveport	186			Sheridan	1096

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



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