

Weekly Weather & Crop Bulletin

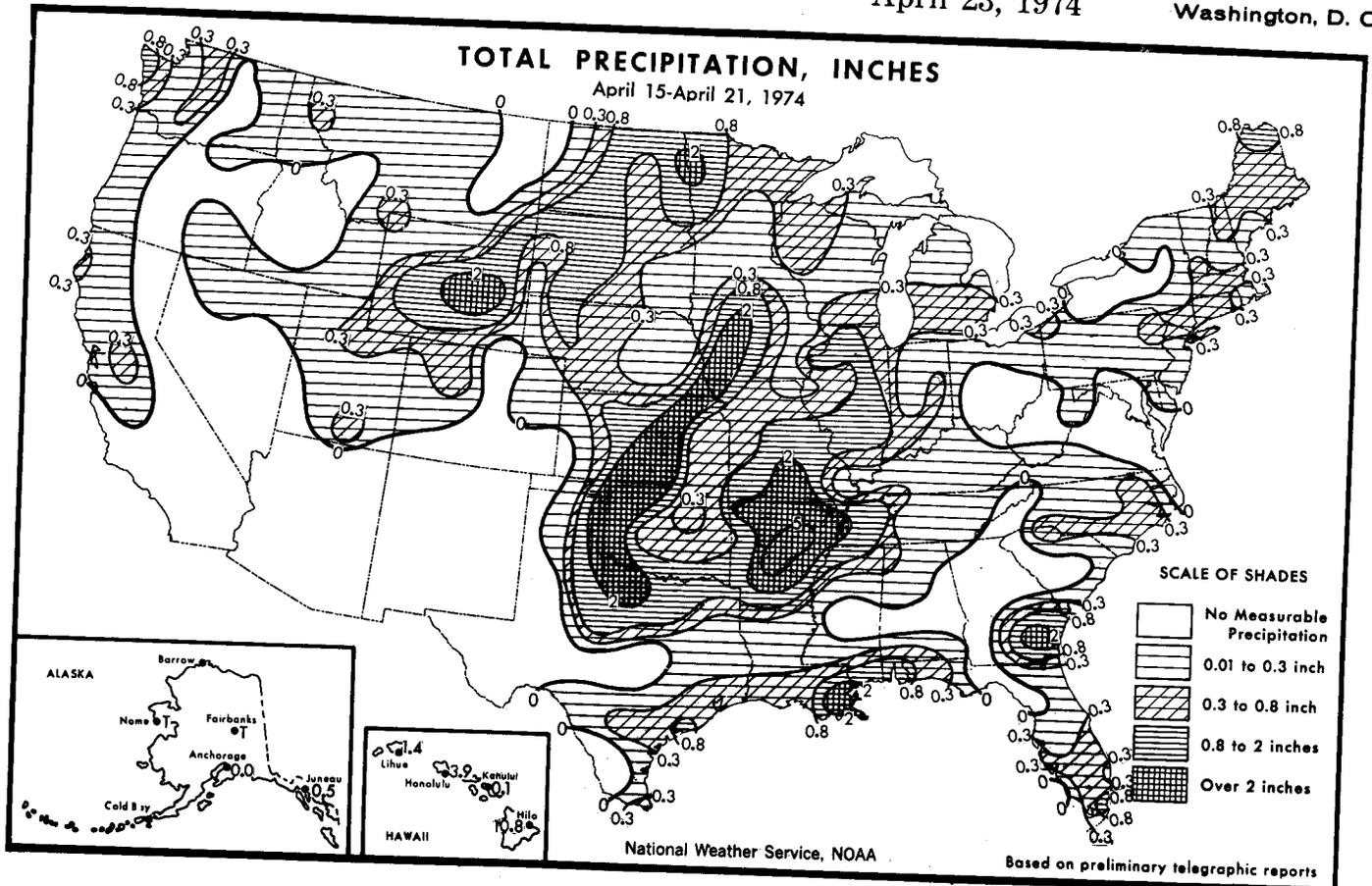
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NATIONAL WEATHER SUMMARY

HIGHLIGHTS: Tornadoes, thunderstorms and gusty winds lashed central portions of Texas, Nebraska, Kansas, Oklahoma, Illinois, and Wisconsin causing considerable damage and personal injury, as a series of storm systems moved across the Country last week.

Light and widely scattered precipitation fell over much of the eastern two-thirds of the Nation. More than 2.00 in. of rain soaked sections of Arkansas and Missouri, with 7.6 in. reported at Little Rock, Ark., for the week.

There was no break in the drought condition of the Southwest.

Temperatures slipped to more than 6° below normal last week in the South and Southeast, while the rest of the Country enjoyed mild April readings.

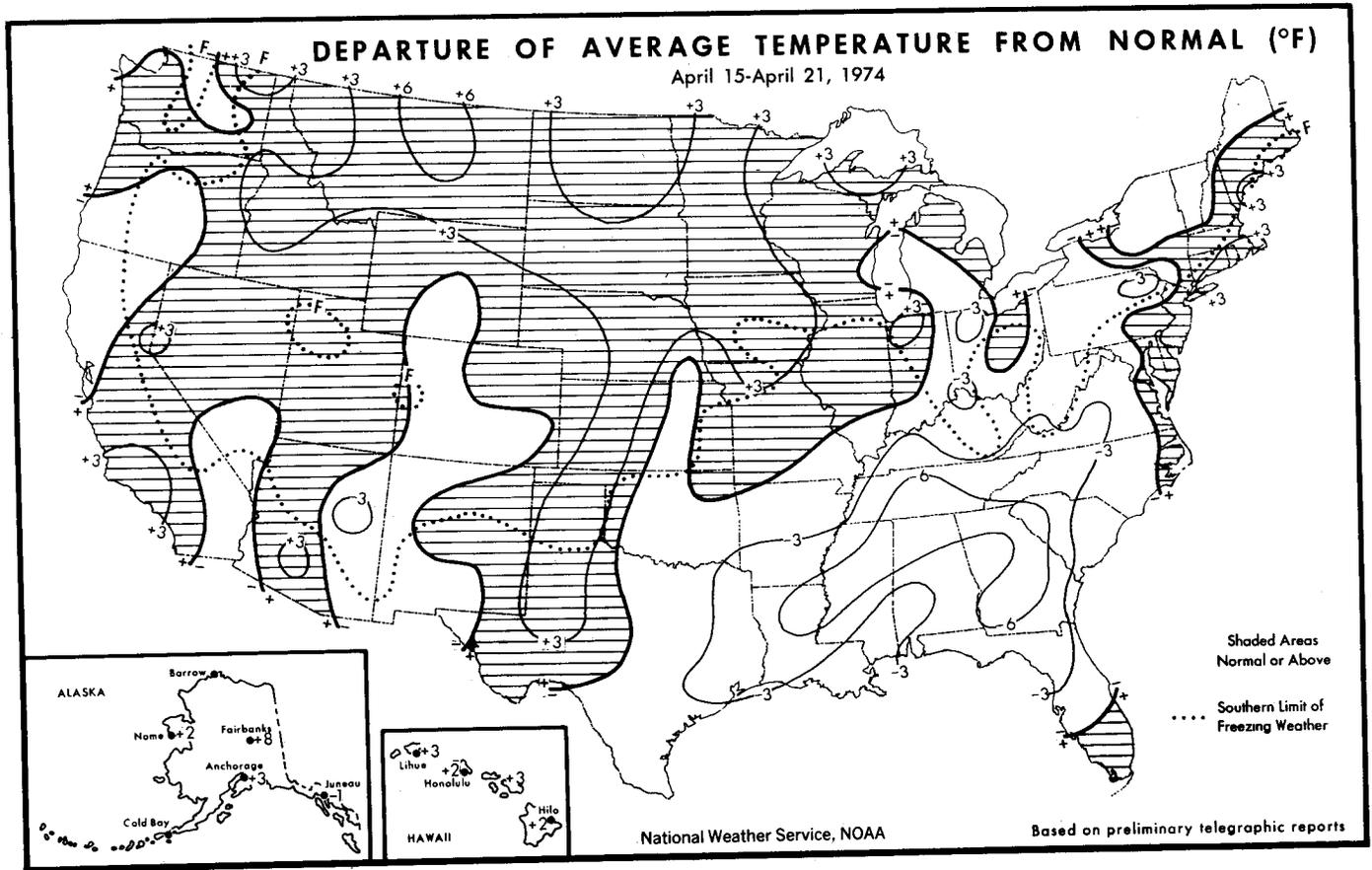
PRECIPITATION: Widely scattered precipitation fell in many sections of the Nation last week. A band

of over 2.00 in. of rainfall stretched from northern Texas through Oklahoma, Nebraska, and Iowa. Similar precipitation amounts were recorded at New Orleans, La., Savannah, Ga., and Casper, Wyo.

Early in the week a Low drifted from eastern Missouri into northern Georgia accompanied by cloudy skies and scattered light showers and thunderstorms. Showers and thundershowers continued Tuesday across central Florida where some high winds caused personal injuries.

Thursday, a Low over Nevada touched off showers and isolated thunderstorms in northern California and some rain and drizzle in Oregon.

Just ahead of the storm system thundershowers spread from the Southern Plains across the middle Mississippi Valley to the Great Lakes. By late afternoon, severe thunderstorms had developed in western and southern Texas. A tornado was sighted at Big Spring and golf ball-size hailstones hit San Antonio and Alice.



On Friday, just ahead of a Low centered over Utah, some scattered thunderstorms broke out in the Dakotas and a few showers splashed the westcentral Plains. During the afternoon, tornadoes were sighted in the Texas Panhandle at Borger and Amarillo.

Late Friday, a line of thunderstorms developed ahead of a cold front that was over the western Plains. Lake Diversion, Tex., reported golf ball-size hail and Lake Kickapoo clocked 60 mph winds.

By early Saturday morning the showers had spread northward from southcentral Oklahoma into the Dakotas. Some of the rains in Kansas and Oklahoma were quite heavy with a reported 5.40 in. in only six hours at Pratt, Kan. By Saturday evening the thunderstorms moved off the Plains into the Mississippi Valley. Wetmore, Kan., lived up to its name, receiving 2.75 in. of rain during the storm.

Sunday, tornadoes roared through sections of Nebraska, Kansas, and Oklahoma. Tornado damage was sustained at Arcadia, Neb.; Concordia, Kan.; Oklahoma City, Okla.; and Wichita Falls, Tex. Sunday afternoon thunderstorms extended from Arkansas through eastern Illinois and western Ohio into lower Michigan. Thunderstorms also struck sections of Texas and Oklahoma. One thunderstorm dropped 1.00 in. of rain in only 20 minutes over Kansas City, Mo. Sunday more than 1.00 in. of rain soaked the following cities: Jonesboro, Ark.; Blytheville, Ark.; Cape Girardeau, Mo.; and Abilene, Tex.

Tornadoes caused extensive damage Sunday afternoon in southern Wisconsin and northern Illinois. Oshkosh, Wis., sustained considerable damage plus 18 injuries and Campbellsport, Wis., reported one death. In Polo, Ill., 20 homes were damaged and

near Rockford, Ill., there were several injuries. Nearly 4.00 in. of rain in a few hours Sunday evening produced flash flooding in the vicinity of Hot Springs National Park and Little Rock, Ark.; Cuba, Mo.; Greenville, Tex.; and southeastern Oklahoma.

TEMPERATURE: Unusually cool temperatures settled in the South and Southeast including sections of Mississippi, Alabama, Georgia and Tennessee. Temperatures ranged between 6° and 8° below normal. In contrast, sections of Montana registered temperatures for the week from 3° to 7° above normal. Most of the Nation enjoyed a mild spring week.

Early in the week a High over Texas and Nebraska brought clear skies to much of the Nation's mid-section from the Plains to the upper Great Lakes. Meanwhile, northerly winds around the highs swept cool Canadian air into the eastern half of the Nation.

Midweek, a High pressure area over southern Missouri pulled cooler air into the East. Freeze warnings were posted in parts of Virginia and Maryland and across northern Indiana into western Pennsylvania. Wednesday, temperatures were pleasant across most of the Country and typical for mid-April with readings ranging from the 50's to 70's.

Thursday morning it was quite cool throughout most of the Southeast with minimum temperatures reaching the mid to upper 30's as far south as Alabama, Georgia and northern Florida. Thursday afternoon, temperatures were in the 90's in the Desert Southwest with 80's in western Texas and 70's as far north as South Dakota and southwest Iowa. Highs in the 60's were the rule in the

(continued on page 13)

NATIONAL AGRICULTURAL SUMMARY

AGRICULTURAL HIGHLIGHTS: Heavy weekend rains boosted winter wheat in the southern Great Plains. Open weather during the week favored fieldwork in the North Central Region--spring small grain seeding and plowing made good progress, corn planting got underway. Moisture is needed for planting cotton on the Texas High and Low Plains but too much rain slowed early planting in the Delta States.

SMALL GRAINS: Heavy rains this past weekend boosted winter wheat prospects in the southern Great Plains but several counties in western Kansas and in the panhandles of Oklahoma and Texas remained dry. Over 2.00 in. of rain fell in a band extending over most of northeast and southcentral Kansas and over the western half of Oklahoma. The eastern Texas Panhandle and northern Low Plains got lesser amounts of moisture. The rainfall was badly needed in western Oklahoma where small grains were under severe stress in some localities.

The condition of winter wheat and other small grains is generally good in all areas of the Nation. Most areas have adequate soil moisture except in drought-plagued New Mexico and western Texas where the wheat crop outlook continued to decline. Moisture is also short in northcentral Montana.

The southern Plains wheat crop appears to be developing slightly ahead of last year's pace. Kansas wheat acreage is 45% jointed compared to 40% a year ago and also 40% average. Oklahoma wheat is 90% jointing and 8% heading compared to 90% jointing and 1% heading last year. One early wheat field in south Texas was reported harvested.

Open weather during most of last week permitted good progress with spring small grain seeding in most North Central and Western States. Progress is a week to 10 days behind normal in Minnesota-North Dakota area where very little fieldwork has been accomplished. Spring planting was in full swing in South Dakota where 50% of the spring wheat and 47% of the oats acreage is planted, normal progress for both.

COTTON: Planting of cotton made good progress in Texas at 22% complete compared to only 9% a year ago. Seedbed preparation is underway on the Texas High and Low Plains, but moisture is needed for planting. In Arkansas and Mississippi farmers waited until midweek for fields to dry. A few fields were planted late in the week but additional weekend downpours stopped fieldwork in the Delta. Conditions favored active planting in the Southeast. Cotton planting advanced to 15% complete in Alabama, 6% complete in Georgia and 11% complete in South Carolina.

Cotton planting progressed on schedule in California and Arizona. Some earlier planted fields have emerged in California. Most areas in Arizona are 50% planted, but cool nights and dry, windy weather have slowed emergence.

CORN: Corn planting got underway on a limited scale last week in the Corn Belt from Ohio to Nebraska. This is slightly earlier than the average of recent years. Sunny, dry weather most

of the week allowed farmers to push plowing and fieldwork to well ahead of normal for this time of year. Plowing of corn and soybean land is 60% complete in Indiana compared to 50% average completeness while this operation is nearly 80% complete in Illinois and Iowa versus average progress of about 67%.

Missouri corn acreage is 16% planted compared to an average of 9% usually planted by this time while Kansas corn is 10% planted, equal to average progress. About 73% of the Illinois crop reporters surveyed indicated a shortage nitrogen fertilizer supplies.

OTHER CROPS: Only token plantings of soybeans occurred in Georgia. Most farmers are focusing attention on fieldwork preparation and planting other crops now.

Both alfalfa and wild hay are in good condition in Nebraska but weevils and freeze damage have reduced the first alfalfa hay cutting considerably in several areas of Oklahoma.

Sorghum planting in Texas made good progress with 40% planted versus 35% a year ago.

Flue-cured tobacco transplanting reached 16% complete in North Carolina, ahead of last year and normal. South Carolina tobacco is 87% planted versus 27% in 1973. Plants set to fields in both Carolinas are in fair to good condition. In Kentucky, most tobacco plants are up in good condition.

Peanut planting is behind normal both in Georgia at 4% planted and in Texas at 6% planted.

FRUITS AND NUTS: Drought conditions continued in southern Florida and citrus tree conditions vary from poor to excellent depending on soil moisture. Growers are irrigating as bloom continues in various stages. Valencia orange harvest increased rapidly.

Navel orange harvesting tapered off in California while Valencia orange picking started in some areas there and in Arizona. In Texas citrus harvest is virtually complete.

Most California fruit crops look good with growers actively applying weed, insect, and fungus controls.

Apple trees started blooming in the Pacific Northwest and reached full bloom in Maryland.

VEGETABLES: Planting of vegetables was active on the Eastern Shore of Maryland and Virginia and in Washington.

Sweet corn shipments increased from Florida while tomatoes dropped sharply and cabbage declined.

In Texas, harvesting continued for onions, carrots, and cabbage in southern areas while early cucumbers were available in the Coastal Bend.

Lettuce harvesting continued actively in parts of Arizona and California while celery declined in southern California.

PASTURES AND LIVESTOCK: Pastures continued to respond favorably to mild temperatures and good moisture. Pastures slowly greened in the northern States while grazing increased in central and southern States, reducing supplemental feeding in most areas.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., April 21, 1974

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 . . .	59	- 5	.2	-. 8	La.Baton Rouge . . .	67	- 2	.5	-. 7	Youngstown . . .	48	- 1	.1	-. 7	
Mobile . . .	65	- 4	.9	-. 4	Lake Charles . . .	66	- 4	.6	-. 4	OKLA.Okla. City . . .	60	- 2	.7	-. 1	
Montgomery . . .	62	- 4	T	-1.0	New Orleans . . .	68	- 1	2.3	+1.4	Tulsa . . .	62	0	.2	-. 8	
ALASKA Anchorage . . .	39	+ 3	0	.1	Shreveport . . .	63	- 4	.1	-1.2	OREG.Astoria . . .	49	+ 1	.3	-. 7	
Barrow . . .	---	---	---	---	MAINE.Caribou . . .	37	- 1	.9	+ .3	Burns . . .	45	0	.1	-. 1	
Fairbanks . . .	39	+ 8	T	-. 1	Portland . . .	47	+ 3	.2	-. 6	Medford . . .	49	- 2	.1	-. 1	
Juneau . . .	39	- 1	.5	-. 2	MD.Baltimore . . .	54	- 1	T	-. 7	Pendleton . . .	53	+ 1	.2	0	
Kodiak . . .	---	---	---	---	MASS.Boston . . .	52	+ 2	.5	-. 3	Portland . . .	53	+ 2	.1	-. 4	
Nome . . .	22	+ 2	T	-. 1	Chatham . . .	47	---	.2	---	Salem . . .	50	0	.1	-. 4	
ARIZ.Flagstaff . . .	44	+ 1	0	-. 3	MICH.Alpena . . .	43	+ 2	.2	-. 4	PA.Allentown . . .	51	0	.3	-. 6	
Phoenix . . .	71	+ 3	0	-. 1	Detroit . . .	47	- 2	.4	-. 4	Erie . . .	45	- 1	.6	-. 2	
Tucson . . .	66	0	0	-. 1	Flint . . .	47	0	.3	-. 4	Harrisburg . . .	55	+ 1	.1	-. 6	
Winslow . . .	51	- 4	0	-. 1	Grand Rapids . . .	47	- 1	.4	-. 4	Philadelphia . . .	55	+ 1	.1	-. 7	
Yuma . . .	71	- 1	0	0	Houghton Lake . . .	44	+ 1	.2	-. 4	Pittsburgh . . .	50	- 1	T	-. 8	
ARK.Fort Smith . . .	61	- 2	.7	-. 7	Lansing . . .	47	- 1	.3	-. 4	Scranton . . .	47	- 3	.3	-. 4	
Little Rock . . .	60	- 3	7.6	+5.1	Marquette . . .	45	+ 4	.1	-. 5	R.I. Providence . . .	52	+ 4	.2	-. 6	
CALIF.Bakersfield . . .	66	+ 3	0	-. 2	Muskegon . . .	45	- 1	.6	-. 2	S.C. Charleston . . .	63	- 2	.1	-. 5	
Eureka . . .	49	- 1	.5	-. 1	S. Ste. Marie . . .	40	0	.6	+ .1	Columbia . . .	63	- 2	0	-. 8	
Fresno . . .	62	+ 1	.1	-. 2	MINN.Duluth . . .	41	+ 1	.3	-. 3	Greenville . . .	56	- 6	T	-1.0	
Los Angeles . . .	65	+ 3	0	-. 3	Internatl Falls . . .	43	+ 3	.4	0	S.D. Aberdeen . . .	49	+ 3	.5	0	
Red Bluff . . .	59	- 1	T	-. 4	Minneapolis . . .	50	+ 3	T	-. 5	Huron . . .	51	+ 4	.2	-. 3	
San Diego . . .	62	+ 1	0	-. 2	Rochester . . .	49	+ 3	.3	-. 3	Rapid City . . .	50	+ 4	.3	-. 2	
San Francisco . . .	54	- 2	T	-. 4	St. Cloud . . .	48	+ 4	.2	-. 4	Sioux Falls . . .	51	+ 3	.2	-. 4	
Stockton . . .	60	+ 1	.3	0	MISS.Jackson . . .	61	- 6	0	-1.1	TENN.Chattanooga . . .	54	- 8	T	-1.0	
COLO.Denver . . .	51	+ 2	T	-. 5	Meridian . . .	64	- 2	0	-1.2	Knoxville . . .	57	- 4	.2	-. 6	
Grand Junction . . .	53	0	.1	-. 1	MO.Columbia . . .	58	+ 2	1.1	+ .2	Memphis . . .	61	- 3	1.1	-. 2	
Pueblo . . .	52	- 1	T	-. 3	Kansas City . . .	58	+ 2	.7	-. 1	Nashville . . .	55	- 6	.2	-. 7	
CONN.Bridgeport . . .	53	+ 4	.5	-. 3	St. Louis . . .	59	+ 1	1.0	0	TEX.Abilene . . .	67	+ 1	1.9	+1.3	
Hartford . . .	51	+ 2	.6	-. 3	Springfield . . .	58	0	.9	-. 2	Amarillo . . .	61	+ 3	T	-. 3	
D.C.Washington . . .	57	0	T	-. 6	MONT.Billings . . .	51	+ 5	T	-. 4	Austin . . .	68	- 2	T	-. 9	
FLA.Apalachicola . . .	68	- 1	T	-. 8	Glasgow . . .	50	+ 5	T	-. 2	Beaumont . . .	66	- 4	.6	-. 4	
Daytona Beach . . .	68	- 2	.2	-. 3	Great Falls . . .	49	+ 4	T	-. 3	Brownsville . . .	73	- 3	.5	+ .2	
Ft. Myers . . .	76	+ 2	0	-. 4	Havre . . .	52	+ 7	.2	0	Corpus Christi . . .	72	- 1	T	-. 5	
Jacksonville . . .	66	- 3	.1	-. 6	Helena . . .	48	+ 4	T	-. 2	Del Rio . . .	72	- 1	T	-. 4	
Key West . . .	79	+ 1	T	-. 6	Kalispell . . .	44	+ 1	.3	+ .1	El Paso . . .	64	- 1	0	0	
Lakeland . . .	72	- 1	0	-. 6	Miles City . . .	52	+ 5	T	-. 3	Fort Worth . . .	65	- 1	1.1	0	
Miami . . .	77	+ 2	1.9	+1.0	Missoula . . .	46	+ 1	T	-. 2	Galveston . . .	68	- 2	.5	-. 1	
Orlando . . .	71	- 1	.3	-. 3	NEBR.Grand Island . . .	54	+ 3	.2	-. 4	Houston . . .	66	- 4	.4	-. 5	
Tallahassee . . .	64	- 5	0	-. 9	Lincoln . . .	52	- 1	.2	-. 4	Lubbock . . .	64	+ 3	T	-. 3	
Tampa . . .	71	- 2	.3	-. 1	Norfolk . . .	53	+ 3	.2	-. 3	Midland . . .	68	+ 3	0	-. 2	
W.Palm Beach . . .	75	+ 1	.3	-. 5	N.Platte . . .	51	+ 2	.7	+ .2	San Angelo . . .	70	+ 2	T	-. 4	
GA.Atlanta . . .	58	- 4	T	-1.0	Omaha . . .	53	+ 2	.2	-. 5	San Antonio . . .	69	- 1	.5	-. 1	
Augusta . . .	60	- 5	0	-. 8	Valentine . . .	50	+ 3	.6	+ .2	Victoria . . .	70	- 2	.3	-. 3	
Macon . . .	61	- 6	T	-. 8	NEV.Ely . . .	43	+ 1	T	-. 3	Waco . . .	67	- 1	T	-1.0	
Savannah . . .	65	- 2	1.3	+ .7	Las Vegas . . .	64	- 1	0	-. 1	Wichita Falls . . .	65	- 1	2.2	+1.4	
HAWAII.Hilo . . .	74	+ 2	10.8	+7.8	Reno . . .	50	+ 3	T	-. 8	UTAH.Blanding . . .	50	+ 2	0	-. 2	
Honolulu . . .	77	+ 2	3.9	+3.6	Winnemucca . . .	47	+ 1	.2	0	Salt Lake City . . .	51	+ 1	.3	-. 2	
Kahului . . .	77	+ 3	.1	-. 1	N.H.Concord . . .	45	0	T	-. 7	VT.Burlington . . .	43	- 1	T	-. 6	
Lihue . . .	76	+ 3	1.4	+ .7	N.J.Atlantic City . . .	53	0	T	-. 8	VA.Lynchburg . . .	54	- 4	.1	-. 5	
IDAHO.Boise . . .	53	+ 3	T	-. 3	Trenton . . .	55	+ 2	.1	-. 6	Norfolk . . .	59	0	T	-. 6	
Lewiston . . .	54	+ 3	T	-. 3	N.MEX.Albuquerque . . .	59	+ 2	0	-. 1	Richmond . . .	58	- 1	0	-. 6	
Pocatello . . .	47	+ 1	.1	-. 2	Roswell . . .	61	0	0	-. 1	Roanoke . . .	55	- 2	T	-. 6	
ILL.Cairo . . .	60	- 2	.1	-. 9	N.Y.Albany . . .	48	0	.1	-. 5	WASH.Columbia . . .	50	+ 3	.1	-. 1	
Chicago . . .	53	+ 2	.2	-. 7	Binghamton . . .	48	+ 2	.1	-. 7	Omak . . .	49	0	0	-. 2	
Moline . . .	54	+ 2	1.1	+ .2	Buffalo . . .	44	- 2	T	-. 8	Quillayute . . .	46	0	1.1	-. 8	
Peoria . . .	55	+ 2	.5	-. 6	New York . . .	55	+ 2	.2	-. 6	Seattle-Tacoma . . .	51	+ 2	.1	-. 5	
Rockford . . .	52	+ 2	.9	0	Rochester . . .	48	+ 1	T	-. 6	Spokane . . .	47	0	.1	-. 1	
Springfield . . .	56	+ 2	1.2	+ .2	Syracuse . . .	47	- 1	T	-. 7	Walla Walla . . .	54	+ 1	.1	-. 3	
IND.Evansville . . .	56	- 2	.4	-. 5	N.C.Asheville . . .	52	- 5	T	-. 8	Yakima . . .	52	+ 2	T	-. 1	
Ft. Wayne . . .	50	- 1	.2	-. 6	Charlotte . . .	58	- 4	.4	-. 4	W.Va.Beckley . . .	50	- 3	.2	-. 6	
Indianapolis . . .	54	+ 1	.1	-. 8	Greensboro . . .	56	- 4	.2	-. 5	Charleston . . .	55	- 2	0	-. 8	
South Bend . . .	52	+ 3	.2	-. 8	Hatteras . . .	62	+ 2	.1	-. 7	Huntington . . .	56	- 1	0	-. 7	
IOWA.Burlington . . .	55	+ 2	.3	-. 6	Raleigh . . .	59	- 1	.1	-. 6	Parkersburg . . .	55	- 1	0	-. 8	
Des Moines . . .	54	+ 3	1.2	+ .5	Wilmingon . . .	63	- 1	.2	-. 4	WIS.Green Bay . . .	46	+ 1	T	-. 6	
Dubuque . . .	52	+ 3	.2	-. 8	N.DAK.Bismarck . . .	46	+ 1	1.0	+ .6	La Crosse . . .	51	+ 2	.3	-. 3	
Sioux City . . .	54	+ 3	T	-. 5	Fargo . . .	47	+ 3	.8	+ .3	Madison . . .	49	+ 2	.5	-. 1	
KANS.Concordia . . .	55	+ 1	.8	+ .3	Williston . . .	48	+ 4	0	-. 3	Milwaukee . . .	46	0	.5	-. 2	
Dodge City . . .	59	+ 4	.2	-. 2	OHIO.Akron-Canton . . .	51	+ 1	T	-. 8	WYO.Casper . . .	44	0	3.4	+3.0	
Goodland . . .	50	0	T	-. 4	Cincinnati . . .	52	- 3	T	-. 8	Cheyenne . . .	45	+ 1	T	-. 4	
Topeka . . .	57	+ 1	.6	-. 3	Cleveland . . .	49	0	T	-. 8	Lander . . .	45	+ 1	1.0	+ .4	
Wichita . . .	57	- 1	2.4	+1.7	Columbus . . .	53	+ 1	0	-. 9	Sheridan . . .	48	+ 3	1.1	-. 4	
KY.Lexington . . .	55	- 1	T	-. 9	Dayton . . .	51	- 2	T	-. 8	P.R.San Juan . . .	80	+ 2	T	-. 8	
Louisville . . .	56	- 1	.1	-. 8	Toledo . . .	47	- 3	.2	-. 5						

Based on 1941-70 normals.

CONDENSED STATE SUMMARIES

The Bulletin capsulizes nationally important weather and crop conditions. Every Monday SRS publishes more detailed data in State Weekly Weather and Crop Bulletins in cooperation with the National Weather Service, NOAA. Voluntary weather observers, crop reporters, and county extension agents contribute weekly observations for these reports.

ALABAMA: Rain ended in south as week began with fair skies and mild temperatures over entire State remainder of period. Temperatures in upper 30's north morning of 17th. Warmer by weekend with showers returning Sunday night in extreme north.

Cotton planting made good progress, 15% complete, less than 5% in 1973. Corn planting satisfactory progress, 20% complete, earliest plantings up and growing. Less than 5% of anticipated peanut acreage planted. This activity will gain momentum next few weeks. Irish potato growers in Baldwin County area commencing to kill vines in preparation for harvest. Planting of potato crop for summer harvest on Sand Mountain virtually complete. Hay crops making good growth. Cutting of small grains for hay will soon be underway.

ARIZONA: Typical dry seasonal weather. Daytime temperatures somewhat above normal through 18th, cooling 10° to 15° north, west portions 19th, 4° to 8° southeast. Humidity very low together with light winds allowed large temperature ranges. Windy late week, gusts 30 to 40 mph range common.

Cotton progressing very well, most areas at least 50% planted, few 90%. Winds increased drying seedbeds, cool nights slowed emergence various areas. Small grains progressing very rapidly, color changes taking place desert areas, grain nearing hard dough stage. Sorghum southwest desert areas established satisfactory stand, planting continued moderate scale. Spring harvest sugarbeet crop expected to start about May 1. Many areas well into first cutting alfalfa hay.

Lettuce harvest tapering off Salt River Valley, quality hurt by hot weather. Harvest continued full swing Pima, Pinal Counties. Harvest complete Yuma area. Harvest mixed vegetables continued good seasonal progress. Cantaloups, watermelons central and west good growth. Picking Valencia oranges increased Yuma, Salt River Valley areas. Limited supplies Kinnows remain Salt River Valley, demand exceeds supply. Grapefruit harvest slow.

Range conditions very poor to poor, except fair Mogollon Rim. Stockwater, soil moisture short all areas. Supplemental feeding common. Livestock generally fair, some poor. Feed supplies below average all areas except Yavapai average.

ARKANSAS: Quite dry until end of week. During weekend, rainfall 1.00 in. or more over State with central area receiving more than 5.00 in. Weekly rainfall amounts ranged from 9.17 in. to only 0.65 in. Temperatures quite chilly early week, warmer by week's end.

Favorable weather dried fields. Land preparation and planting resumed midweek. Heavy rains April 21 stopped field activities. Cotton planting at standstill early week, few fields planted, soils too cold. Rice crop 40% planted, early planted rice up. Wheat and oats growing rapidly. Few fields corn and sorghum planted. Pre-plant herbicides applied to soybean land in preparation for planting early varieties. Clover, fescue providing ample forage, warm season

grasses growing very slowly. Few cattle remain on supplemental feeding. Strawberries developing slowly. Transplanting peppers, tomatoes continued.

CALIFORNIA: Strong, very cold storm formed off central coast night of 17th. Precipitation spotty, variable amounts, almost all north half sprinkled. Daytime temperature changes some valley areas extreme, as much as 20°. Temperature trends mixed, cooling dominated Sacramento valley and southeast interior.

Small grains good growth, many fields heading out. Cutting oats, barley for hay continued, few fields damaged by wind. Planting corn, sorghum active. Some corn up. Rice planting starting soon. New crop sugarbeets made good growth. Digging overwintered beets active. Cotton planting continued, some replanted, earlier planted up. Alfalfa cutting active. Fieldwork active. Growers applied weed, insect, fungus controls. Grape vines continued leaf out, good condition. Almonds look good, irrigation reported. Walnuts vary fair to good depending area. Cherry set reported good Concord. Prunes and pears generally good. Navel orange harvest tapering off; drying, granulation problems continue in larger sizes. Valencia harvest starting some areas, increasing others; color, quality good. Lemon picking increased, quality good. Avocado harvest slow, artichokes continued heavy. Asparagus good supplies, most for processing. Broccoli strong Santa Maria, moderate Salinas. Cauliflower light Salinas, quality variable, declining Santa Maria. Celery lighter south. Lettuce continued westside, some damage, increased Salinas. New potato beginning Kern County. Strawberries strong south coast, increased central coast, fog damage Santa Barbara. Processing tomato planting continued, early planting good condition. Rangelands, pastures good. Water ample. Livestock good to excellent. Calving northeast continued, heavier. Grasses maturing rapidly.

COLORADO: Generally fair, warm and dry until late week. Highs mostly in 50's and 60's early week, 70's and 80's later in week. Scattered thundershowers lower elevations and moderate to locally heavy snow mountains. Temperatures averaged slightly below normal to normal.

Moderate to strong winds late week, few localities reported gusts to over 50 mph. Fieldwork delayed by wet soils early week, resumed most areas midweek. Planting spring crops erratic due soil conditions. Spring barley 61% planted compared 20% year ago and 61% 1967-71 average, 23% emerged. Oats 52% planted, 21% emerged. Sugarbeets 38% planted, 2% in 1973, 76% 1967-71 average; 12% emerged. Summer potatoes 8% planted, 1% emerged. Winter wheat and barley good to excellent except southeast corner insects and dry soils damaged fields. Worms prevalent eastcentral and southeast and mites southeast but spraying for control. Small acreage seeded wheat still being pastured. Volunteer wheat excellent forage. Livestock good. Ranges, pastures greening with generally good moisture.

FLORIDA: Mild to warm most of week, a little cooler late week. Rainfall totals generally light to locally moderate statewide in scattered showers. Soil moisture mostly adequate north and west but critically short central and south.

Fieldwork active. Cultivating early corn. Preparing land for planting peanuts and soybeans. Wheat and oats headed. Disease continued a problem in wheat. Sugarcane harvest about complete, new and stubble cane making good growth. Citrus tree condition poor to excellent depending on moisture. Still very dry, rain badly needed, growers irrigating, bloom in various stages. Valencia harvest increased rapidly. Pastures very poor to good, mostly poor. Cattle and calves mostly fair.

Potatoes steady, weekly increases expected from this week to peak in latter half of May. Tomatoes fell sharply from previous high levels, supplies about normal this week. Cabbage in seasonal decline. Watermelons jumped sharply. Sweet corn increased as Everglades harvest picked up. Peppers, celery, snap beans, cucumbers continued about steady. Escarole increased slightly. Lettuce in seasonal decline. Radishes, carrots, Chinese cabbage steady. Squash increased sharply, expected heavy another week.

GEORGIA: Temperatures averaged 2° to 5° subnormal. Cool at midweek with near freezing in mountains morning of 18th. Showers early week, amounts variable but averaged 1.00 in. extreme north to 0.25 in. southwest. Dry, warmer over weekend.

Soil moisture mostly adequate. Soils dried enough to work by midweek most areas, fieldwork very active late week. Cool night temperatures delayed some seedings. Corn 31% planted, fair to good condition, good stands. Tobacco 94% transplanted, some resetting due to wind damage, fair to good. Cotton 6% planted, few fields up in south. Peanuts 4% planted, well below normal. Only token soybean plantings. Small grains fair to good, many disease problems. Widespread uncertainty about peaches, poor to mostly fair. Very little history of unusually low chill hours on which to make judgment. Pastures good. Cattle good, some parasite problems.

HAWAII: Rainstorm April 19 on Oahu and Kouai. Overflow of streams caused heavy damages to crops; livestock and property. Showers normal on Maui and Hawaii, no damage reported. Harvest prospects most leafy greens continued heavy. Supplies of other vegetables adequate. Banana production steady. Papaya production increased. Cattle and pastures good. Sugar operations beginning to be active as strike ended. Pineapple operation idle as strike continued.

IDAHO: A dry week. Temperatures near normal most of State. Highs ranged 66° to 76°, lows 20° to 33°. Light precipitation mainly north.

Spring wheat, barley seeding about 75% complete southwest, 50% southcentral valleys, delayed north and east by cool weather and wet fields. Good growth fall seeded grains, but browning in poorly drained spots north. Sugarbeets over 80% planted southwest, over 33% planted southcentral. Onion planting neared completion. Potato planting active southwest, underway southcentral, preparing fields east. Orchard heating southwest fruit areas limited frost damage as cherries neared full bloom, blossoms starting apples and pears. Range forage developing slowly north and east, good south southwest. Fuel supplies adequate for present needs, fertilizer short supply.

ILLINOIS: Temperatures averaged 3° above normal north, 2° above south. Highs 50's and 60's north, 60's and 70's south. Cool earlier in week followed by warming trend. Precipitation varied, under 0.25 in. northwest, almost 1.00 in. northcentral. Heaviest 20th and 21st central.

Corn planting just underway. Field preparation and planting slightly ahead of year ago, about average for this early in season. Oat seeding nearly 80% complete, 41% in 1973, 1970-73 average 71%. Nearly 80% corn and soybean acreage plowed, 33% in 1973, average 67%. Winter wheat 83% good to excellent, recovered well from spring freezes. Pastures good to excellent 82%, supplying nearly 50% roughage needs. Red clover, alfalfa hay mostly fair to good. Fuel supplies 96% adequate, 4% short. Fertilizer supplies: Nitrogen 73% short, phosphate 45% short, potash 34% short. Soil moisture 48% adequate, 52% surplus. Fieldwork: 3 days suitable.

INDIANA: Excellent spring weather. Numerous sunny days. Low humidities. Soil temperatures near normal. Precipitation ranged from 0.20 in. northcentral to 1.00 in. southwest. Temperature extremes: 24° at Culver on 16th, 81° at Evansville on 20th.

Fieldwork: 5 days suitable. Topsoil and subsoil moisture declined to adequate. Corn and soybean land 60% plowed, 50% average, 15% in 1973. Corn seeding just beginning. Oats 35% seeded, 60% average, 15% in 1973. Winter wheat 7 in. high, 6 in. average. Pastures advancing rapidly, now mostly fair to good.

IOWA: Mild sunny week, averaged 2° above normal. Extremes: 25° at Cherokee and Elkader on 16th, 80° at Red Oak on 19th and at Davenport on 20th. Heavy thunderstorms gave north-south belt of rainfall over 2.00 in. mid-State on 20th. Some minor brief flooding. North and east districts averaged only about half their normal rainfall.

Oat seeding 82% complete, 34% 1973, 1968-72 average 70%. Early oat seeding emerging. Corn planting underway, most planting in south third. Soils remained cool. Plowing 78% complete, average 68%, 34% year ago. Legume seeding winter-killed about 8%. Pastures supplying below average feed. Fieldwork: 4 days suitable. Weekend rain halted most field activities. Topsoil moisture 83% adequate, 15% surplus, 2% short. Other fieldwork: Mainly fertilizer application, discing and shredding stalks.

KANSAS: Temperatures 4° above normal. Highs reached lower 80's portions south end of week. Rainfall substantial east and central with 24-hour amounts of as much as 6.40 in. at Hutchinson and Pratt. Some small streams rose to bankfull or minor overflow. Severe weather in east and central on 20th.

Weekend rains boosted crop prospects. However, several western counties remained dry. Wheat 45% jointed, 40% in 1973 and average. Cutworms present many wheat fields but damage light. Oat seeding 95% complete, average 90%. Spring barley also 95% seeded, average 90%. Corn 10% planted, equal to average. Sugarbeet planting underway western areas. Alfalfa making good growth, but large numbers weevils present. Alfalfa spraying active in east. Cattle off wheat. Cool season grasses providing some grazing east. Calves being worked and readied for grass.

KENTUCKY: Temperatures near normal. Weekly lows in low 30's and highs near 80°. Rainfall averaged 1.00 in. west to 0.25 in. or less central and east.

Good weather fieldwork. Soil moisture 15% surplus, 74% adequate, 11% short. Plowing 68% complete. Corn planting beginning number areas, 4% complete. Tobacco plants up most beds, good condition. Some local storm and freeze damage. Pastures very green but moisture content high limiting feed value.

LOUISIANA: Temperatures averaged 1° to 6° subnormal. Cool first part, warming latter. Extremes: 86° Winnfield, 38° Cotton Valley. Precipitation widespread with thundershowers first part. Greatest amount 8.34 in. at Diamond.

Heavy rain April 12 to 14 hampered fieldwork, but 2.7 days possible late week most areas. Equipment repair main activity. Soil moisture adequate northwest, mostly surplus elsewhere. Cotton planting little progress, waiting for dryer and warmer soils, less than 2% planted, same as 1973, 25% in 1972. Corn 60% planted, 10% in 1973, 70% 1972. Rice seeding active, 80% complete, 20% in 1973 and 65% in 1972. Water mold showing up many fields, some replanting necessary. Sugarcane growth subnormal, stands improving. Irish potatoes good. Rains and mites damaging strawberry crop. Sweetpotato transplanting began. Pastures average. Cattle good to fair.

MARYLAND & DELAWARE: Temperatures normal to 6° above. Highs lower 70's to lower 80's. Lows to low 20's Garrett County, low 30's to low 40's elsewhere. Precipitation over two States light.

Good week for fieldwork. Plowing and spreading lime and fertilizer most frequent jobs. Corn planting just starting. Spring oats seeding well along. Tobacco marketing started, auctions opened April 16. Potatoes over 50% planted. Vegetable planting underway. Low temperatures endangered fruit but damage slight. Apples full bloom this week.

MICHIGAN: Precipitation totaled 0.25 to around 0.50 in. southwest half of lower and extreme western upper peninsula and less than 0.10 in. elsewhere.

Temperatures averaged near to 2° below normal south lower and near to 4° above normal north lower. Highs in low to mid-70's over much of lower on weekend. Coldest Friday morning with lows in 20's south lower and teens or low 20's north lower and upper.

MINNESOTA: Temperatures averaged 2° to 3° above normal except near normal central. Lows upper 20's and lower 30's, highs mid-50's to upper 60's. Precipitation 0.25 to 0.50 in. above normal northwest third and normal to 0.50 in. below normal elsewhere.

Dry conditions permitted small grain planting to progress rapidly several westcentral and southwest counties. Progress week to 10 days behind normal. Wheat and barley 2% planted, oats 9% seeded. Fieldwork started most areas except wet north third State. Corn fields 6% prepared for planting, normal 8%. Soybean land 1% prepared, normal 3%. Winter wheat, rye, hay fields and pastures dormant but greening in south. Top and subsoil moisture mostly adequate. Surplus moisture in north but somewhat short in southwest.

MISSISSIPPI: Temperatures cool, 3° to 6° subnormal. Extremes: 31°, 85°. Heavy rains which developed

over portions central and south early week produced numerous reports of rainfall in excess of 5.00 in. Heavy rains ended on 15th. Weekend mild and dry until heavy rains moved into north and central Sunday night and early Monday morning.

Soil moisture supplies mostly adequate to surplus, some excessive. Fieldwork averaged 2.6 days. Corn mostly fair, 29% planted, 25% previous week, 18% a year ago. Cotton 3% planted, 1% previous week. Rice 24% planted, 18% previous week. Wheat fair to good, 70% headed, 40% previous week and 19% a year ago. Oats fair to good, 65% headed, 30% in 1973. Irish potatoes, truck crops, pasture and livestock fair to good. Supplies of fertilizer available 72% short. Supplies of tractor fuel available 92% adequate. Farm chemicals continued in short supply.

MISSOURI: Showers general early week and again over weekend. Particularly heavy over weekend, central and southeast got total of 1.00 to more than 5.00 in. Flash flooding common this area. Five persons reported drowned in Alley Springs area. Temperatures averaged a few degrees below normal with frost and readings in low 30's in a number of areas on 15th and 17th.

Five days suitable for fieldwork. Plowing 69% complete, normal 57%. Oats 91% sown, normal 48%. Corn 16% planted, normal 9%. Soil moisture adequate. Pastures good.

MONTANA: Precipitation averaged below normal except southeast where significant amounts fell end of week from general 1.00 in. rains. Temperatures averaged near normal west to 7° above normal north-central. Warmest midweek with highs 60's and 70's. Lows 20's and 30's.

Moisture short northcentral and parts of central and southwest, mostly adequate elsewhere. Winter wheat fair to good in dry areas, good elsewhere. Winterkill mostly light all areas. Spring wheat and oats 15% planted, barley 25% seeded, and sugarbeets 45% planted. Spring planting progress about same as last year. Range grasses developing slowly. Most livestock still on supplemental feed. Calving and lambing about 75% done.

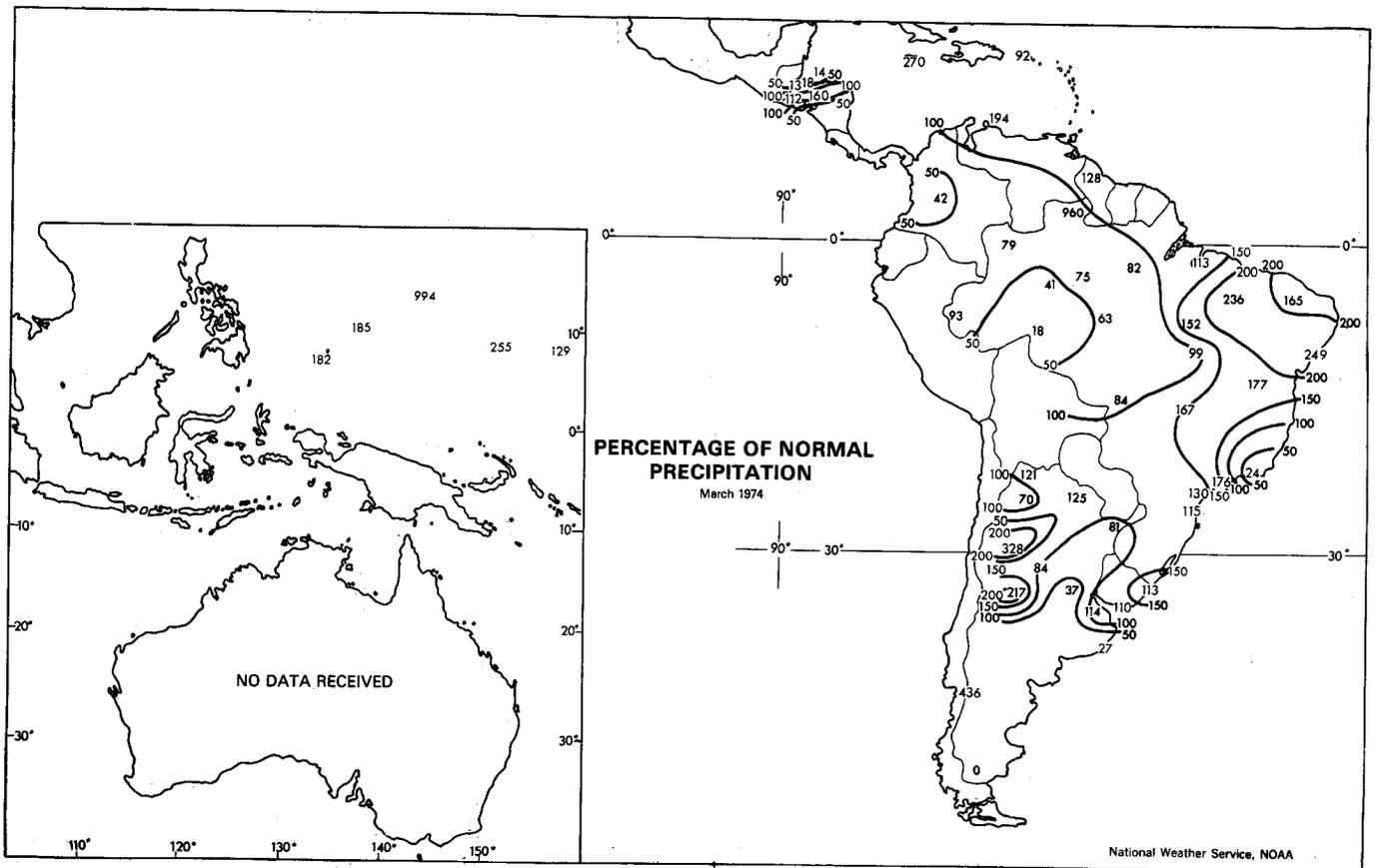
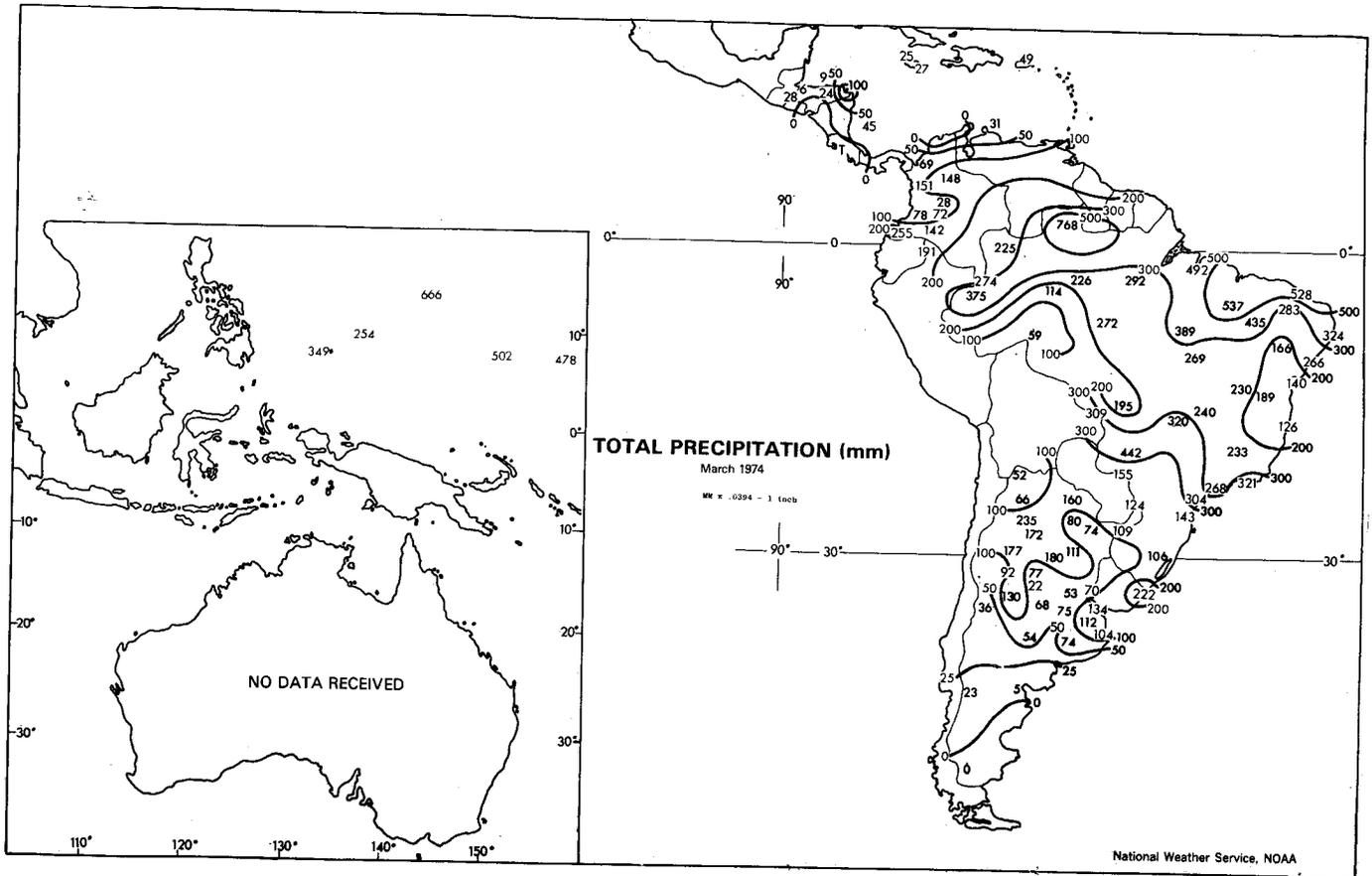
NEBRASKA: Early and late week temperatures subnormal, otherwise above normal. Rainfall up to 0.10 in. over much State early week except southeast where local thunderstorms produced up to 1.50 in. Showers and thunderstorms developed over area toward end of week with rainfall amounts from only a trace to 0.75 in.

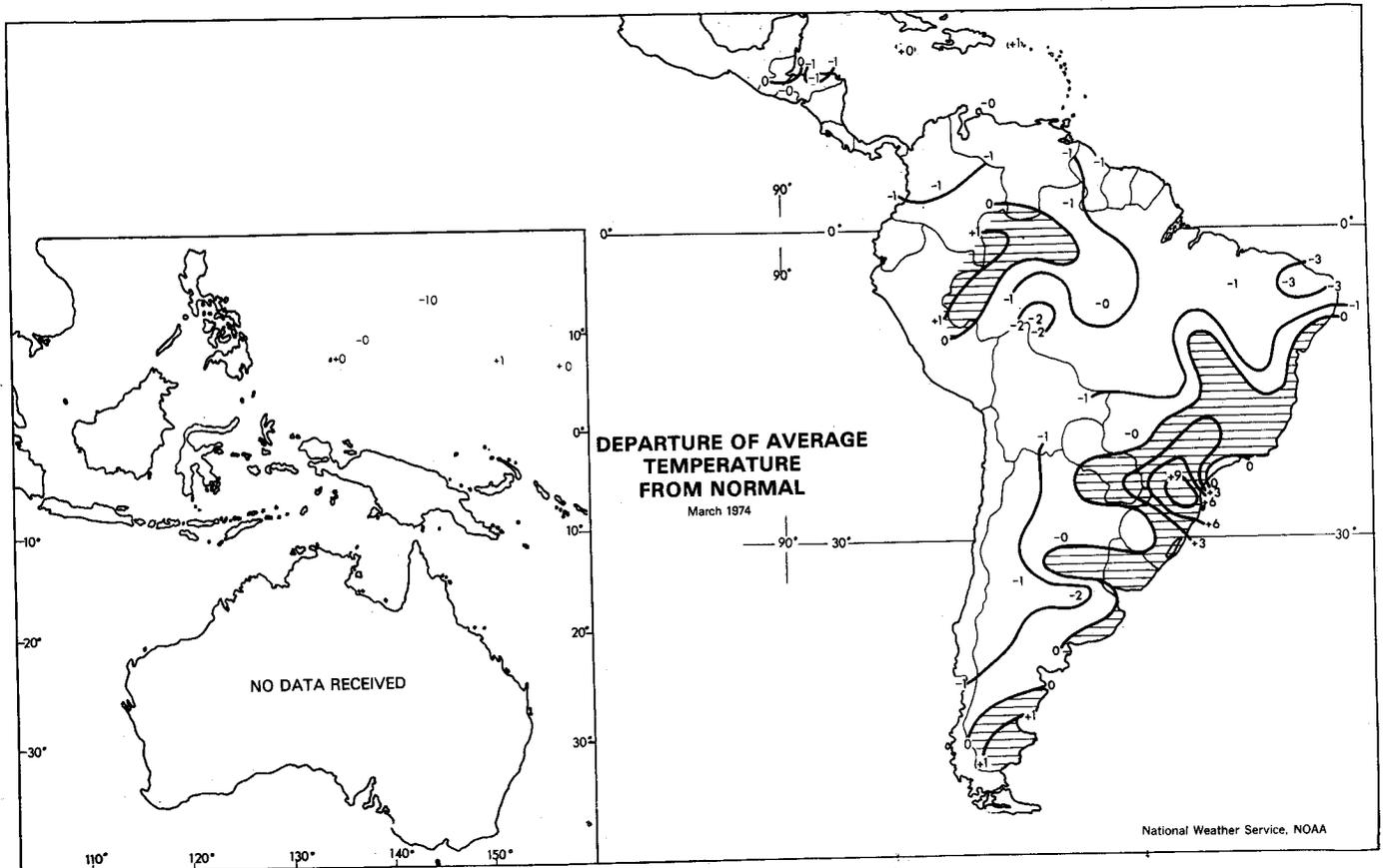
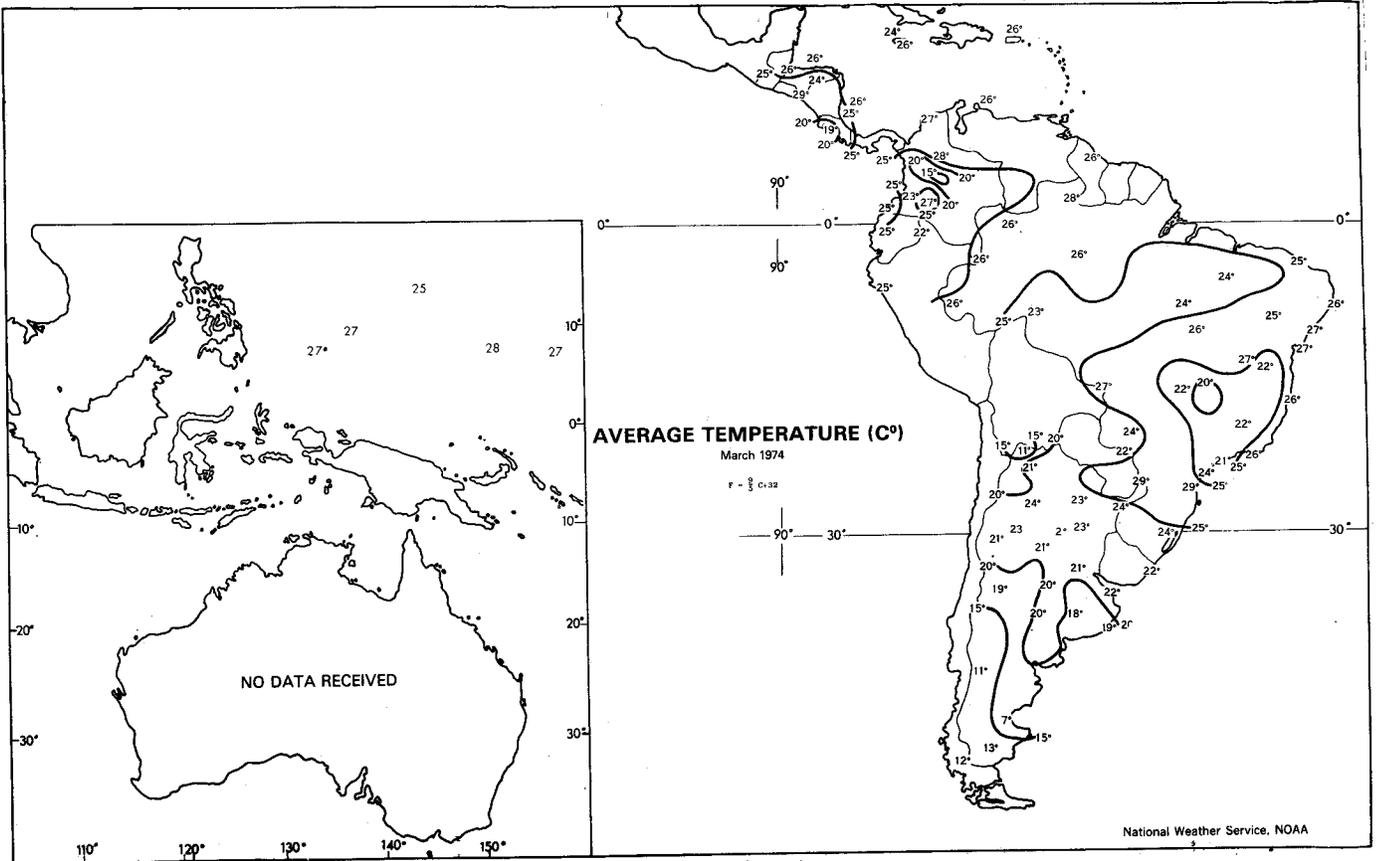
Winter wheat condition generally good and near normal, crop improved from last week--87% good, 8% fair, and 5%, excellent. Pennycress and soil-borne mosaic in some fields. Oats seeding 80% complete and barley 85% complete. Corn planting underway in some eastern counties. Sugarbeets planting in panhandle neared completion. Alfalfa and wild hay generally good. Fieldwork averaged 5 days. Main farm activities: Shredding stalks, fertilizing, disking, seeding, fencing, and caring for livestock. Soil moisture supplies generally adequate. Range, pasture feed supplies 85% adequate, 15% short. Livestock good. Some calf loss during April 3 storm. Cattle being moved to summer pasture.

NEVADA: Temperatures ranged from 88° Las Vegas to 18° Ely. Precipitation confined to north. Heaviest at Austin 0.57 in. Deepest snow in Sierra's, 93 in. at Alpine, 78 in. Norden and 61 in. Echo Summit.

Alfalfa haying continued southern valleys.

(Continued on page 10.)





(Continued from page 7.)

Movement livestock to ranges increased as grasslands greened. Some small grain seeding.

NEW ENGLAND: Typical spring weather, alternating periods of cloudy-cold and sunny-warm conditions. Showers, flurries 15th and again 18th north. Showers across south 18th night and 19th morning. Largest weekly totals at Houlton and Worcester with 0.38 in. and at Hartford, 0.34 in. Lowest overnight temperatures early morning on 17th with 21° at Concord, N.H., and on 20th with 16° many places north. Highs 16th with 72° at Hartford and on 21st with 81° at Hartford and 77° at Boston.

NEW JERSEY: Temperatures averaged 1° to 2° below normal central and north and close to normal south. Extremes: 76° at Newton and Bridgeton on 21st, 28° at Bridgeton morning on 20th, and at Pemberton on 21st. Frost and subfreezing temperatures quite widespread on 20th and 21st. Rainfall well below normal for week. North averaged 0.04 in., central and south averaged 0.07 in., while coastal areas averaged 0.03 in. Heaviest weekly total 0.65 in. at Belvidere.

Soil preparation and planting active. Very limited asparagus and spinach moving. Some early sweet corn planted under plastic. Planting direct seeded tomatoes. Alfalfa and oats being seeded. Fruit tree spraying active. Fertilizer and lime being spread on pastures and grain crops.

NEW MEXICO: Very little rainfall, moisture short, ranges poor to fair, livestock fair. Irrigated wheat fair, dryland wheat mostly poor, considerable dryland plow-out. Spring and winter barley, alfalfa good. Cotton planting continued southern areas. Apples good, some freeze damage north. Onions excellent, lettuce good. Pecan bloom starting. Another dry, windy week. Temperatures climbed at midweek and declined slightly last half week. Temperatures averaged near normal statewide. Freezing still occurring at night all sections except lower elevations south.

NEW YORK: Temperatures averaged near seasonal normal except for east southern tier counties where temperatures averaged 3° warmer than normal. Highs late week upper 70's, lower 80's. Precipitation below normal throughout State, most fell early week. Heaviest amounts fell in southeast with lower Hudson Valley receiving most. Some other lighter amounts fell in St. Lawrence Valley but totaled less than 0.33 in.

Field activity increased. Plowing well drained soils. Some oats planted. Winter wheat appears good condition. Pastures beginning to green. Soil moisture adequate to surplus. Long Island potato planting heavy but still behind normal. Cabbage transplant begun and some early sweet corn planted. Onion and lettuce planting in Oswego and Steuben Counties. Green peas for processing about 15% planted. Hudson Valley fruit half inch green to pink stage while rest of State in green tip or earlier. Some minor freeze damage to fruit in Hudson Valley. Some apple scab appearing. Orchards in good condition, growers spraying. Pruning and planting new trees.

NORTH CAROLINA: Temperatures slightly above normal southeast, near to slightly below normal elsewhere. Unseasonably warm over weekend with brisk southerly winds. Weak low pressure system moved across State 17th with scattered showers, thundershowers. Some hail in thunderstorms Wednesday afternoon.

Soil moisture mostly adequate over State. Averaged 3.9 days suitable fieldwork. Flue-cured

tobacco transplanting about 15% complete, ahead of last year and normal. Plants set to fields fair to good condition. Corn acreage 19% planted, ahead of last year but below average. Small grains, pastures good. Irish potatoes, truck crops fair to good.

NORTH DAKOTA: Temperatures remained mild with fair days and cool nights. Highs ranged 79° at Dickinson and Minot to 34° at Petersburg and McHenry. Lows ranged 16° at Beulah to 46° at Dickinson. Precipitation light and scattered, during week but weekend brought welcome moisture to most parts of State. Grand Forks recorded 1.54 in. on 21st.

Moisture and cool temperatures received throughout State delayed spring fieldwork. Fieldwork minimal so far, but should get underway late this week. Major farm activities: Caring for newborn calves and lambs, and preparing machinery for spring fieldwork. Pastures will be greening up quickly due to recent rains.

OHIO: Scattered showers on 15th, 18th, and 19th. Cloudy skies early week and light frost north 17th. Weak cold front passed through State on 18th. Sunny and spring-like weather end of week. Cool temperatures early week. Warmer air from south brought above normal temperatures by 21st. Extreme temperatures: 80° at Columbus and Chesapeake, 25° at Toledo on 16th. Rainfall extremely light, Toledo got most with 0.18 in. Sunny, dry weather allowed rapid progress of spring fieldwork. Planting 55% complete for oats, 20% for potatoes, and 80% for sugarbeets. Corn planting started some areas. Winter wheat mostly good as fields finally dried out.

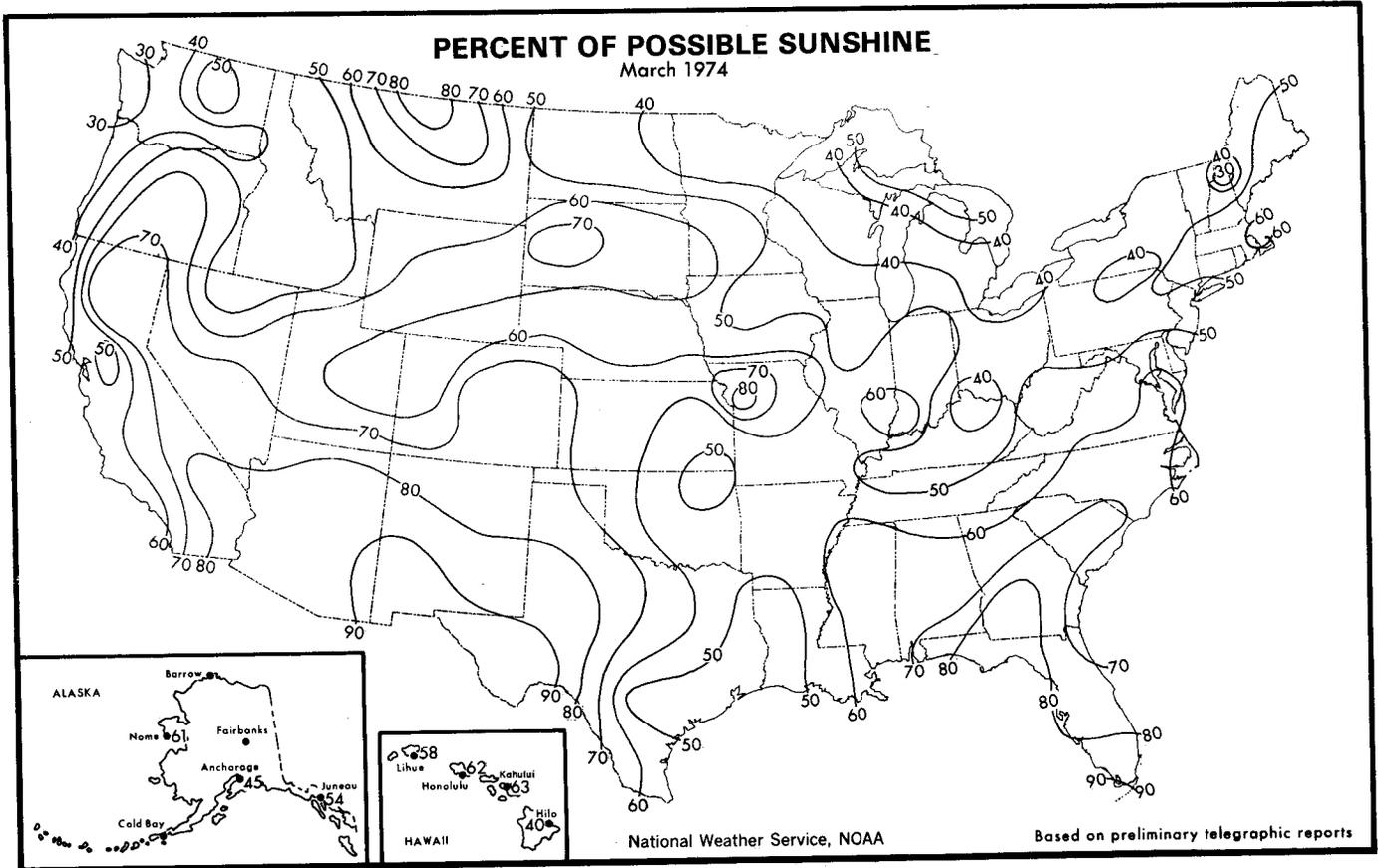
OKLAHOMA: Temperatures averaged below normal east, above normal west. Precipitation light during week but weekend warm with severe weather in some areas. Rainfall 0.80 to over 2.00 in. west except panhandle.

Weekend rainfall brought some badly needed moisture to northwest counties. Small grains under severe stress some southwestern localities. Wheat 90% jointing, 8% heading; 90% jointing, 1% heading year ago. Oats, barley 67% jointing, year ago oats 55%, barley 81% jointing. Alfalfa weevil, freeze damage reduced first cutting alfalfa hay considerably several areas. Seedbed preparation spring crops progressing well. Topsoil moisture short several localities, pre-irrigation under way panhandle. Ranges, pastures making fair growth, declining use of supplemental feed.

OREGON: Precipitation scattered through week, being well below seasonal normal. Temperatures averaged near normal. Highs ranged in 60's, lower 70's occurring midweek. Overnight lows in 30's west and teens and 20's east of the cascades.

Spring fieldwork progressed rapidly with open weather. Much plowing, seedbed preparation, spraying, fertilizing, and seeding. Fall grains responding favorably to fertilizer applications. Bloom continued for cherries, pears, prunes. Early apples starting to bloom. Berry cultivation underway, ground being prepared for new plantings. Pea planting finished in west, startings at higher elevations in east. Early peas, potatoes emerging. Potato planting continued in east, seedbed preparation underway other areas. Asparagus harvest starting. Pasture, range development spurred by warmer weather. Welcome relief to feed-short livestockmen.

PENNSYLVANIA: Mild, dry week. Highs mostly 60's and 70's except 40's and 50's 19th. Lows mainly



20's to 40's, 50's and 60's Sunday. Extremes: 81°, 16°. Weekly temperatures 1° to 3° subnormal north, 1° to 3° above south. Precipitation totaled 0.25 to 0.50 in. north, under 0.25 in. elsewhere. Bradford measured 1 in. snow Friday morning.

Spring plowing 50% completed and oats seeding 30% completed southern two-thirds State. In northern third, spring plowing 15% completed, oats 5% seeded. Hay fields and pastures green, good condition. No grazing or hay harvest yet. Winter wheat, barley good. Peach bud development in Adams County first pink to first bloom stage. Some early varieties in full bloom. Little cold weather damage evident. Apple bud development in Adams County about 1 week ahead of normal.

PUERTO RICO: Island average rainfall 0.25 in. or 0.81 in. subnormal. Highest weekly total 1.21 in. at Comerio Falls. Highest 24-hour total 0.67 in. at La Mudacaguas. Temperatures averaged about 77° coasts and 71° interior. Highest maximum extremes: 91° at San Sebastian, 51° at Adjuntas.

Prevailing dry weather favored continuation of sugarcane harvest but did not favor development of ratoon and planting, fertilizing. Drought and wind prevailing on coffee plantations at a time when more rain needed for beans to fill out. Weather favored tobacco harvest and drying in shed. Drought continued to spread and intensify. Pastures getting sparser. Department of Agriculture extending emergency aid to affected farmers. Food crops also hurt by drought. Farmers prepared soil but need rain to plant. Some food crops harvested in scattered areas.

SOUTH CAROLINA: Temperatures 2° to 6° subnormal most areas, greatest departure in mountains. Early week warmer than usual, cooled sharply on Tuesday most areas, little daily variations thereafter. Rainfall generally less than normal. Precipitation fell first two days except for scattered showers in north on 17th.

Soil moisture adequate throughout State. Favorable weather for planting crops. Cotton 11% planted, 12% in 1973. Corn fair to good, 60% planted, 35% in 1973. Tobacco fair to good, 87% planted, 27% in 1973. Problems with cutworms, flue-mold, flea beetles, wireworms in tobacco. Small grains fair to good; powdery mildew, rust still problems; some armyworm infestations. Pastures fair to good. Watermelons 75% planted, 79% in 1973. Peanuts 20% planted, 6% in 1973.

SOUTH DAKOTA: Precipitation early week as rain and snow, and again over weekend as thunderstorms. Amounts quite varied, some in excess of 1.00 in. Since January 1, east half State short of moisture. Most areas west of Missouri River have had above normal precipitation. Temperatures averaged above normal. Highs in 70's most State few afternoons. Nighttime lows continued below freezing.

Spring planting, fertilizing in full swing. Spring wheat 50% seeded, 56% in 1973, normal 50%. Oats 47% seeded, 57% in 1973, normal 47%. Barley 37% seeded, 54% in 1973, normal 40%. Flax seeding just starting, ahead of normal. Spring plowing 28% complete, about normal, but behind last year's 34%. Winter wheat, rye greening up; growth starting. Cool nights held growth back. Cutworms in

winter wheat reported in 7 southern counties. Livestock good. Calving well along. Scours and first year heifers causing some problems. Pastures greening up but growth slow. Supplemental feeding continued, feed adequate. Stockwater very low.

TENNESSEE: Heavy rain over west Sunday night and early Monday. Otherwise less than 0.25 in. over State. Temperatures 2° to 4° below normal west and 4° to 7° below normal middle and east. Lows in upper 30's west and low to mid-30's east. Much warmer over weekend.

Plowing and land preparation over 60% completed, 50% last year, normal 70%. Recent frosts and low temperatures slowed growth of tobacco, vegetables, and fall sown grains. General shortage of herbicides, pesticides could become serious later. Certain types of fertilizer continued in short supply. Corn planting full swing, about 10% complete, 1 week behind normal, over 2 weeks ahead of 1973. Cotton planting just getting underway, will be general next week if warm, dry weather prevails. Wheat, oat fields 10% headed, normal 15% to 20%. Barley 30% headed, average 25%. Prospects good where yellow dwarf and rust not present. Tomato setting, snap bean planting started.

TEXAS: Cool, dry air covered Texas. Showers and thunderstorms over coastal plains early week. Showers, thunderstorms developed across State late week. Rainfall above average northcentral, northeast, southcentral. Most of State still behind in total rainfall for year. Temperatures above normal west, below normal east.

Planting of cotton, corn, sorghum, peanuts, rice good progress across State. Replanting rain damaged cotton, corn and sorghum southern half State complete. Seedbed preparation underway High, Low Plains where farmers waiting for moisture to plant. Overall outlook wheat for crop declined. Irrigated wheat fair to good, dryland wheat poor prospects. One early wheat field south Texas already harvested. Citrus harvest virtually complete. Major crops percent planted: Cotton 22, 1973 9; corn 70, 1973 61; sorghum 40, 1973 35; rice 77, 1973 43; peanuts 6, 1973 11.

Lower Rio Grande Valley: Most activity still centered around onion harvest. Cabbage and carrot harvest remains active. Potato digging underway. Cantaloups sizing well with early fields to be harvested in 2 weeks. Laredo: Onion and carrot harvest continued. Coastal Bend: Watermelons setting fruit. Early cucumbers being harvested. San Antonio-Winter Garden: Early onion fields being plowed for harvest. Light supplies of cabbage and carrots remain available. Watermelons making average growth, but moisture needed. East Texas: Watermelon planting remains active. Most tomatoes field set. Knox-Haskell: Irish potatoes making normal progress, but requiring heavy irrigation. Trans-Pecos: Onions and lettuce continue satisfactory progress. High Plains: Potato and onion planting neared completion. Early carrots and cabbage beginning to emerge.

Dry weather west half State delaying recovery pastures, ranges. Grazing satisfactory most of east half. Livestock holding up well most areas. Some livestock lost weight Edwards Plateau, Trans-Pecos areas. Stockwater short supply parts Low Plains, Cross Timbers. A number screwworm cases south half. Sheep shearing rapid progress, neared completion.

UTAH: Scattered areas of rain and snow late week. Moisture generally light to moderate. Largest amounts over and near north Wasatch Mountains and southeast Utah. Temperatures quite variable rang-

ing from near normal to 6° below. Snow cover almost all valley stations now melted.

Outlook good for fruit crops, grain, hay, other crops, and range feed. Virtually no freeze damage for fruit crops. Reservoir stored irrigation water plentiful. Soil moisture adequate most areas, short in Uintah Basin and southwest. Rain and snow storms last 2 weeks delayed plowing and planting some areas. Percent of expected acreage planted: spring wheat and barley 60%, oats 45%, green peas 50%, dry onions 90%, and sugarbeets 35%. Weather quite good for calving and lambing. Calving about 80% completed, shearing about half completed, range lambing about 25% completed.

VIRGINIA: Temperatures averaged 2° above normal despite two freeze warnings in mountains. Precipitation averaged 0.25 in. as scattered showers first half of period.

Favorable week: 4.8 days suitable for fieldwork, best thus far this year. Topsoil moisture 90% adequate. Corn planting progressed well, about 25% complete Tidewater area, 10% statewide. Land preparation and killing cover crop for sod planting active. A few early fields of soybeans, peanuts, and cotton planted. Small grains mostly good to excellent. Tobacco beds good. Pre-planting activity in flue-cured area widespread. Orchard spraying active. Tomato, snapbeans, and sweetcorn planting active on Eastern Shore. Pastures excellent. Current supplies of nitrogen and mixed fertilizer about 20% adequate, remainder indicated delivery delays or spot shortages.

WASHINGTON: West: Temperatures near normal. Precipitation below normal. Few local showers. Considerable ground preparation including plowing and fertilizing. Strawberries being cut back, rotated, sprayed. Blueberries blooming. Most berries good condition. Tulip and field rhubarb harvest continued. Some planting of vegetable fields. Green pea seeding begun. Cabbage, mustard seed fields in bloom. Pastures improving, cattle turned on.

East: Temperatures near normal. Few local showers. Pears in full bloom early areas. Apples beginning bloom. Spraying on peach trees. Some fruit tree pruning, hop stringing continued. Sweet corn and beans planted. Peas showing good growth. Asparagus harvested. Potato planting underway. New alfalfa pasture seeded. Spring wheat seeding almost finished central. Some reseeding from last week's wind and previous heaving. Spraying for weeds, fertilizing, plowing also underway. Field crops, grass, pastures growing slowly. Some dry lot feeding still necessary. Lambing, calving winding down.

WEST VIRGINIA: Temperatures were near normal in the northern half of the State and below elsewhere. Frosts were general several mornings as temperatures dropped into the high 20's and low 30's. Maximums reached into the 80's in most areas by end of period. Precipitation was light and early in week.

Excellent soil drying conditions remainder of week. Plowing got underway in many areas. Gardening and potato planting underway. Small grains came through winter in fair to good condition. Tobacco beds most all seeded, about half have plants emerged. Cattle wintered well, many placed on pasture rated fair to good.

WISCONSIN: Mostly sunny and dry with slightly warmer than normal temperatures. Gradual warming during week from cool overnight temperatures in 20's Monday and Tuesday to afternoon highs in

70's Saturday and Sunday. Some thunderstorms west Saturday and east Sunday. Worst tornado outbreak in State in more than decade on Sunday with two fatalities, several injuries, and much property damage. Winnebago, Fond Du Lac, and Sheboygan counties had most severe activity, with Oshkosh and Lomira hardest hit communities. Precipitation for week averaged less than 0.50 in.

Some progress made on fieldwork. Oats 8% planted, 1973 and normal 10%. Little done in north and east, but south and central moving ahead. Spring plowing 10% done, 1973 15%, normal 10%. Soil moisture 65% adequate, 35% surplus. East and south have most of the surpluses. A few peas and potatoes planted. Winter grains look good. Hay seedings emerging from dormancy.

WYOMING: Precipitation widespread across State although only two stations received more than weekly normal--Worland and Green River, which had most with 0.51 in. Highs ran normally in upper 60's and low 70's and lows generally in 20's with mean temperatures very near normal across State.

Good progress made in seedbed preparation, planting small grains, sugarbeets. Wet fields caused delays southeast. Northern areas need moisture. Spring wheat, oats 33% seeded, barley 50%, sugarbeets about 40% planted. Small grains beginning to emerge. Farm flock lambing about 70% complete and range lambing about 33% done. No unusual death losses. Farm flock shearing about 60% done, range shearing 33%. Pastures, ranges mostly good. Current prospects alfalfa crop good.

(continued from page 2)

northern and central Rockies and from the Ohio Valley into New England and down the mid-Atlantic Coast States.

Thursday evening a cold front slipped southward from Canada dropping temperatures in the north-central states. Overnight lows were in the 20's from the Dakotas to upper Michigan. Clouds and a cold front kept temperatures in the Great Lakes Region to the 30's and 40's during the afternoon, while just to the south in the Ohio Valley the mercury hit the 60° mark.

Fair weather prevailed east of the Mississippi River but northern sections were unseasonably cold. The temperatures reached only into the 40's near the Great Lakes and Caribou, Me., had a high of only 37°.

During the weekend, fair skies dominated most of the Atlantic Coast and from the southern Rockies into California and the Great Basin. Afternoon temperatures around the Nation ranged from 35° at Jamestown, N.D., to 87° at Beeville, Tex.

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WORLD WEATHER AND AGRICULTURE

INDIAN CROP WEATHER

The winter rainfall season extends from January 1 through February 28. Approximately 3 percent of the total annual average precipitation of 42 inches is received during these two months. With the exception of Jammu and Kashmir State, cumulative rainfall during this period was "little to no rains" over most of the country. Total rainfall during January-February 1974 for the country as a whole was only 47 percent of the season's normal rainfall compared to 74 percent in 1973 and 90 percent in 1972 during the same period of time.

Dry weather conditions have continued to prevail in most parts of India as of the middle of March. Wheat is the most important rabi (predominantly spring harvested) crop of India. The adverse crop conditions resulting from the very dry weather of the past 10 weeks have been aggravated by the general shortage of fertilizer supplies and shortages of electricity and diesel oil to operate irrigation pumpsets. Consequently production prospects for this year's wheat and other rabi crops have deteriorated.

COFFEE CROP REDUCED BY POOR WEATHER

Unfavorable weather has caused reductions for the 1973-74 coffee crop in both Africa and South America. Drought was the problem for Ivory Coast, Kenya, and Ethiopia, while frost damage in July 1972 pulled production down in Brazil. Total world production is now estimated at 64.3 million bags (132.276 pounds each), with an exportable production of 44.7 million bags.

The 1973-74 production estimate is 12.2 million bags below the 1972-73 crop production. This is a decline of 16 percent. Exportable production will be about 22 percent lower than the revised 1972-73 estimate of 57.2 million bags.

Brazil's 1973-74 crop is down substantially, as the State of Parana was particularly hard hit by frost damage. Leaf rust, which has become increasingly prevalent, is also beginning to have some debilitating effects. Production in El Salvador is estimated at 1.8 million bags, compared with 2.1 million in 1972-73 as there were poor weather conditions at blossom time, especially at the lower altitudes. Colombia, however, is likely to have an alltime record production in 1973-74. The drought in 1973 in Africa hit several major producing areas during the growing season, thereby reducing crops for several countries. Areas affected include both Arabica and Robusta types.

World Agricultural
Production & Trade
March 1974

OUTLOOK EXCELLENT FOR WINTER GRAINS IN JORDAN

The present crop season is highlighted by bountiful, widespread and well-distributed rains, as well as some snow, which provided adequate soil moisture and encouraged farmers to plant early. Rainfall recorded through March exceeded the average precipitation for the full season. Wheat in general looks in good condition and prospects at this time are that the East Bank could have a top year. Timely rainfall in April and freedom from hot winds during the critical head filling period would ensure an excellent crop of wheat and barley. An increase is expected ranging between 5 to 10 percent above the area of 1972 (a year with a good rainfall pattern). The strong tendency prevalent among farmers to plow and sow fallow land in years with good rainfall such as the present one, plus the

general improvement in wheat prices are the major reasons for the expected increased area.

USSR REPORTS WINTER GRAIN
IN SATISFACTORY CONDITION

Soviet winter grain is in generally satisfactory condition, according to reports in national Soviet newspapers on March 23 and 24, 1974. A previous report on March 14 stated that winter losses exceeded 10 percent in parts of the Baltics and the central Black Soil and non-Black Soil Zones, but the overwhelming majority of stands were in satisfactory or good condition. Indications are that overall crop losses from winterkill probably were about normal, but Soviet press comments on this point were not entirely conclusive. This could mean that the amount of winterkill is higher than the below-average losses of last year.

Some crop damages and difficulties encountered this winter in several important winter grain areas included: Dust storms in parts of the north Caucasus and south Ukraine; excessive water from melting snow in the lowlands of the Baltics; persistent ice crust formation in the west central part of the Black Soil Zone, the east Ukraine, and in a number of rayons (counties) in Byelorussia; and smothering because of very heavy snow cover in the northeastern part of European USSR.

A warming trend and rain in mid-March over large segments of the winter grain regions did, however, accelerate crop development and replenish soil moisture reserves considerably--most notably in the Baltics, Byelorussia, the Ukraine, north Caucasus, central Black Soil and non-Black Soil Zones, and in the Volga region. However, below-average precipitation was noted for some areas, including the western part of European USSR and around Krasnodar in the north Caucasus. Top-dressing of winter grains is being carried out on a wide front and as of March 23-24 had been completed on more than 27 million acres, about 2.5 million acres more than on the corresponding dates last year.

Because of the favorable mid-March conditions, spring field operations in most southern areas of the USSR started earlier than usual--in some areas 4-6 days earlier and in others as much as 10-15 days earlier.

Foreign Agriculture
April 8, 1974

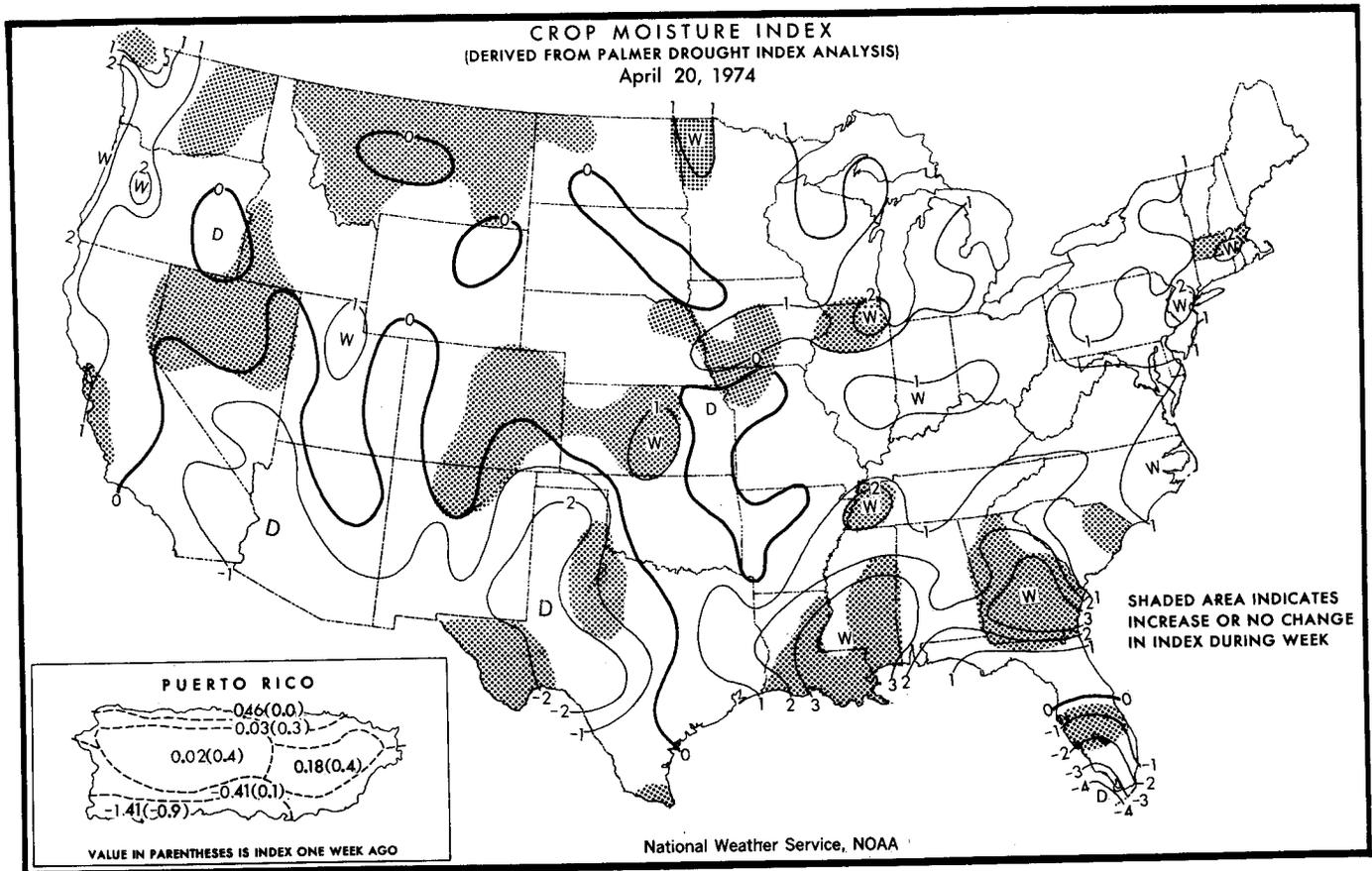
PROSPECTS FOR 1974 WEST EUROPEAN GRAIN CROPS

Above-average precipitation and mild weather have favored Western Europe's winter grain crops and soil moisture is ample for spring planting. Crop conditions are reported good in all areas, providing prospects for a good 1974 harvest.

On the other hand, snow cover is less than usual, so possible damage due to freezing is still a hazard. Continuing rains could also inhibit spring seeding and, together with mild weather, could encourage disease and weed growth.

Latest reports indicate that Western Europe's wheat area will be larger than last year, perhaps as much as 3 percent. Coarse grains area, mainly of barley and corn, should also be moderately larger, about one percent.

Considering that precipitation was generally limited in the winter prior to the 1973 crop, it appears possible that 1974 yields could be above the high levels of late season. Latest reports, in fact, indicate that slightly higher over-all yields are now expected.



SHADED AREAS: Index increased or did not change last week

Index

- Above 3.0 Excessively wet, some fields flooded
- 2.0 to 3.0 Too wet, some standing water
- 1.0 to 2.0 Prospects good, some fields too wet
- 0 to 1.0 Moisture adequate for present normal 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 Drough eased, but still serious
- Below -4.0 Not enough rain, still extremely dry

UNSHADED AREAS: Index decreased last week

Index

- Above 3.0 Some drying, but still excessively wet
- 2.0 to 3.0 More drying weather needed, work delayed
- 1.0 to 2.0 Favorable, except still too wet in spots
- 0 to 1.0 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 near ruin

The map gives a general picture of how wet or dry the Nation was last week. It shows areas where abnormal wetness or dryness have hindered crops and areas where moisture conditions have favored them.

The lines show the crop-moisture situation according to an index computed from values of temperature and precipitation by areas...350 climatological divisions, which correspond roughly to SRS's crop reporting districts. Previous weekly computations of soil moisture account for the effects of prior weather.

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

The centers of wet or dry areas are marked: W=wet; D=dry. The map lines mark off crop situations. Use the legend to interpret.

Local variations caused by isolated rain or by soil differences are not shown. While shallow rooted crops in poor soils may suffer more than the map shows, conditions may be better where soils are good. Also, legends apply to growing rather than mature plants. Any map interpretation must consider both the growth stage and moisture status and trend. In irrigated regions, the index values reflect only departures from ordinary irrigation requirements.



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Heating Degree Days (Base 65°) For Week Ending April 21, 1974

States and Stations	Weekly			Seasonal + Accumulation			States and Stations	Weekly			Seasonal + Accumulation			States and Stations	Weekly			Seasonal + Accumulation		
	TOTAL	Departure*	Departure*	TOTAL	Departure*	Departure*		TOTAL	Departure*	Departure*	TOTAL	Departure*	Departure*		TOTAL	Departure*	Departure*	TOTAL	Departure*	Departure*
ALA. Birmingham	44	23	2113	-695	-840		Portland	128	-21	6357	-485	-426	Tulsa	35	-2	3300	-326	-681		
MO. St. Louis	8	1	1033	-651	-556		MD. Baltimore	78	6	4185	-361	-181	OREG. Astoria	112	-6	4669	164	260		
ARIZ. Flagstaff	27	14	1626	-626	-528		MASS. Boston	87	-20	4914	-345	-236	Burns	136	-4	6219	-225	-433		
PHOENIX	143	-12	5915	-546	-1495		MICH. Alpena	152	-13	7444	-282	-34	Medford	112	11	4372	-352	-338		
TUCSON	6	-8	1642	-55	-728		Detroit	121	8	5837	-188	-34	Pendleton	80	-14	4372	-475	-734		
Winslow	98	22	4612	94	66		Flint	126	0	6144	-389	28	Portland	83	-15	3963	-326	-65		
Yuma	0	-7	907	-98	-283		Houghton Lake	127	6	6225	-132	-58	Salem	70	-1	4949	-565	-342		
AK. Fort Smith	42	18	3029	-274	-806		Lansing	144	-8	7407	-263	77	PA. Allentown	97	-1	4313	8	-267		
LITTLE ROCK	42	17	2621	-692	-591		Marquette	129	-24	6324	-124	-211	Erie	139	6	5684	-602	-253		
CALIF. Bakersfield	14	-17	1738	-397	-474		Muskegon	135	5	6319	44	-81	Harrisburg	70	-9	4460	-557	-333		
Eureka	109	-4	3889	23	125		S. Ste. Marie	170	-8	8412	118	443	Philadelphia	65	-14	4268	-396	-190		
Fresno	23	-16	4336	-205	-494		MINN. Duluth	169	-6	9119	239	-30	Scranton	102	6	4925	-678	-244		
Los Angeles	46	2	52618	51	448		Internat'l Falls	150	-27	9669	-52	443	R.I. Providence	123	15	5854	-68	-111		
Red Bluff	42	2	1008	-332	-87		Minneapolis	107	-25	7449	-361	-23	S.C. Charleston	20	11	1371	-432	-166		
San Diego	23	-8	2657	24	61		Rochester	111	-21	7541	-175	-203	Columbia	16	3	1571	-1006	-873		
San Francisco	76	10	2407	-270	-332		St. Cloud	117	-27	8238	67	7	Greenville	62	36	2691	-421	-395		
Stockton	27	-19	5478	81	531		MISS. Jackson	32	21	1728	-57	-615	S. Dak. Aberdeen	112	-23	8075	-4	680		
COLO. Denver	97	-6	4742	37	516		Meridian	17	4	1528	-844	-712	Huron	101	-22	7198	-382	64		
Grand Junction	83	6	14935	-196	-796		MO. Columbia	57	-7	4665	-222	-432	Rapid City	105	-28	6386	-342	-540		
Pueblo	87	1	4935	-196	-796		St. Louis	50	-13	4735	-241	-456	TENN. Chattanooga	72	41	2849	-931	-215		
CONN. Bridgeport	81	-29	4588	-507	-642		Springfield	45	-10	4451	-133	-295	Knoxville	58	25	2798	-603	-646		
Hartford	94	-19	5462	-518	-138		Glasgow	103	-39	7884	-464	-863	Memphis	35	12	2477	-711	-955		
DEL. Wilmington	75	8	4160	-571	25		Great Falls	109	-32	6675	-292	-316	TEX. Abilene	70	36	2910	-712	-511		
D.C. Washington	95	0	3287	-801	-464		Havre	92	-54	7460	-710	-61	Amarillo	15	-4	2086	-499	-1189		
FLA. Apalachicola	54	2	789	-572	-379		Kansas City	59	-3	3942	-474	-625	Austin	34	-23	3372	-665	-1371		
Daytona Beach	4	0	51	-386	229		St. Louis	121	-26	7061	-370	-1017	Brownsville	1	1	1310	-426	-806		
Ft. Myers	4	0	234	-223	-114		Springfield	145	-8	7012	-684	-494	Corpus Christi	6	6	703	-227	-533		
Jacksonville	10	8	917	-410	-253		MISS. Jackson	62	-36	6749	-601	-489	Del Rio	2	2	1063	-460	-682		
Kearney	0	0	41	-21	-20		Lincoln	128	-12	6671	-503	-463	El Paso	15	-1	2281	-387	-617		
Lakeland	0	0	131	-75	-7		NOR. Grand Island	77	-21	5972	-125	-323	Fort Worth	20	4	1851	-522	-824		
Lake City	0	0	408	-286	-101		Norfolk	93	-6	6005	84	-151	Houston	4	4	730	-494	-672		
Miami	0	0	1098	-467	-399		North Platte	79	-17	6244	-383	-376	Lubbock	24	-14	2617	-868	-1428		
Orlando	0	0	174	-125	-14		Valentine	77	-19	6012	-267	-291	Midland	14	-3	2017	-593	-1292		
Tallahassee	20	13	418	-125	-14		NEV. Ely	100	-24	8442	-380	-508	Beaumont	12	8	1104	-414	-794		
Tampa	0	0	1946	-581	-398		Las Vegas	11	-14	6783	-136	-744	San Angelo	14	2	1637	-594	-1081		
P. Palm Beach	0	0	1576	-649	-482		Reno	105	-18	5048	-362	-982	San Antonio	10	6	1220	-350	-831		
GA. Atlanta	45	19	1283	-682	-318		Winnemucca	125	-9	5296	-673	-1011	Waco	6	6	842	-385	-673		
Macon	31	15	4870	-487	-559		N.H. Concord	137	-2	6820	-15	-484	Wichita Falls	24	5	2274	-607	-1094		
Savannah	25	17	4758	-283	-316		N.J. Atlantic City	84	-2	4169	-550	-162	UTAH. Salt Lake C	95	-10	5307	-240	1094		
IDAHO. Boise	84	-23	5625	-178	-721		N.MEX. Albuquerque	68	-14	4318	-410	-177	VT. Burlington	150	4	7168	-155	-217		
Lewiston	75	-23	6115	-311	-387		Roswell	30	-6	3002	-645	-721	VA. Lynchburg	77	24	3588	-507	-417		
Pocatello	126	-5	5507	-303	-272		N.Y. Albany	119	0	6448	-28	188	Richmond	46	0	2628	-764	-510		
ILL. Cairo	43	10	3819	-658	-682		Binghamton	117	-16	6232	-512	-394	Roanoke	70	4	3221	-612	-354		
Chicago	87	-10	5552	-239	-129		Buffalo	143	10	6113	-266	47	WASH. Quillayute	128	11	3457	-680	-547		
Madison	75	-18	5842	-255	0		New York	67	-19	4280	-396	-356	Seattle-Tacoma	98	-12	5294	-221	170		
Peoria	80	-14	5842	-255	0		Rochester	121	-3	5902	-353	48	Spokane	124	-2	6045	-177	-13		
Rockford	90	-18	5842	-255	0		Syracuse	121	-3	5902	-353	48	Wallula Walla	75	-6	4138	-386	-531		
Springfield	62	-14	4928	-411	-387		N.C. Asheville	27	28	9151	-74	120	W.Va. Beckley	93	-11	5213	-351	-273		
IND. Evansville	66	13	3819	-658	-682		Hatteras	27	-11	1808	-843	-463	Charleston	103	18	4388	-868	-568		
Fort Wayne	103	2	5573	-290	-53		Charlotte	48	21	2717	-443	-557	Runtington	67	6	3704	-736	-641		
Indianapolis	76	-6	4627	-695	-419		Greensboro	59	20	3292	-437	-536	Parkersburg	71	3	4033	-589	-309		
South Bend	94	-16	5281	-785	-236		Wilmington	45	10	2718	-717	-616	WIS. Green Bay	130	-9	7224	-293	208		
IOWA. Burlington	71	-17	5538	-334	-266		N. Dak. Bismarck	121	4	1658	-755	-589	Madison	95	-18	6813	-221	-96		
Des Moines	71	-17	5538	-334	-266		Fargo	126	-22	8755	324	803	Milwaukee	110	-18	6845	-378	17		
Dubuque	91	-21	6842	-311	-106		Williston	115	-30	8598	345	394	WYO. Casper	148	1	6843	-14	786		
Sioux City	78	-22	6060	-570	-328		OHIO. Akron-Canton	97	-11	5123	-720	-134	Cheyenne	135	-13	6439	-11	-681		
KANS. Concordia	68	-11	5158	-211	-398		Cleveland	112	3	5025	-734	-300	Lander	139	-8	6996	-178	-1748		
Dodge City	51	-19	4501	-339	-1000		Columbus	86	-5	4631	-788	-319	Sheridan	114	-27	8727	-282	-648		
Goodland	102	-3	5624	-114	-622		Cincinnati	89	17	4412	-438	-337								
Topoka	52	-16	4835	-212	-362		Dayton	123	15	4876	-495	-222								
Wichita	57	10	4512	-26	-523		Toledo	123	15	4876	-495	-222								
KY. Lexington	73	10	3648	-831	-446		Youngstown	117	5	5577	-428	-341								
Louisville	62	3	1049	-621	-586		OKLA. Okla. City	39	5	3266	-364	-864								
LA. Baton Rouge	5	0	1104	-394	-685															
Lake Charles	9	0	928	-537	-673															
New Orleans	1	-2	1901	-255	-532															
Shreveport	25	15	8794	19	-355															
MAINE. Caribou	191	0																		

* Based on 1941-70 Normals. † Accumulated from July 1, 1973.