

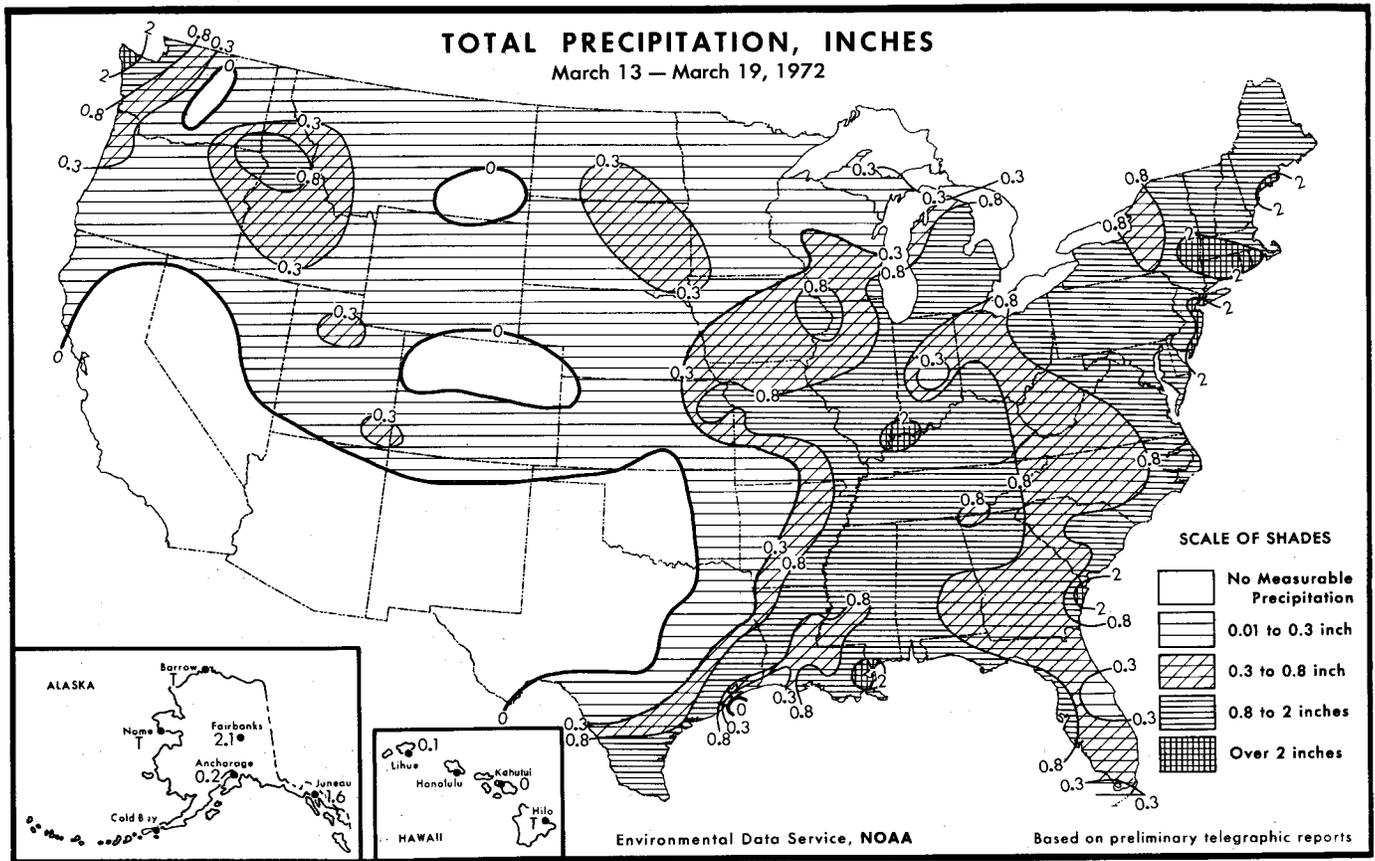
Weekly Weather & Crop Bulletin

U. S. DEPARTMENT OF COMMERCE
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Statistical Reporting Service

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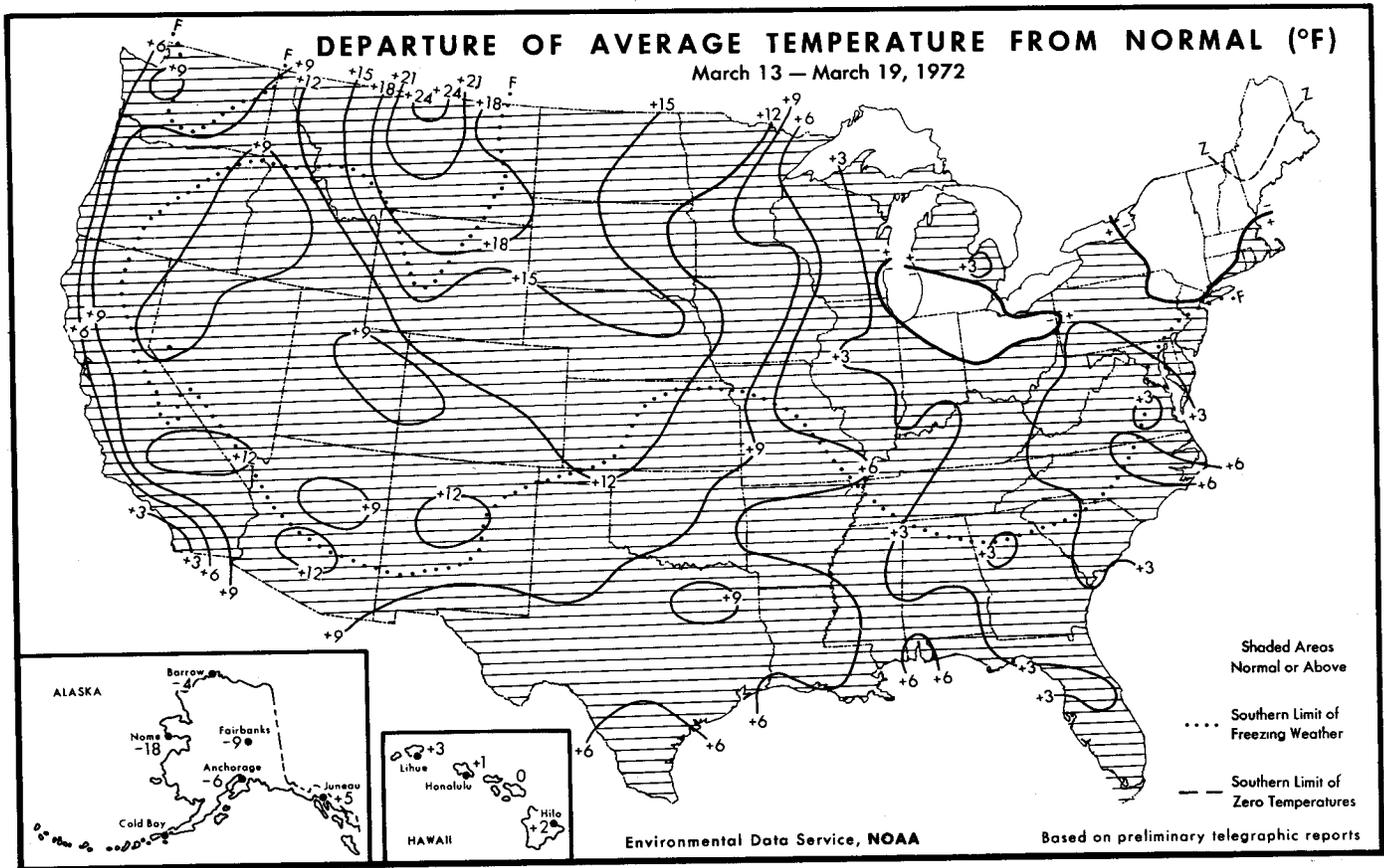
NATIONAL WEATHER SUMMARY

HIGHLIGHTS: The Southwest continued very dry. The northern Rocky Mountains and northern Great Plains enjoyed springlike temperatures, some localities averaging 15° to 20° warmer than the previous week.

PRECIPITATION: Light rains fell along the Washington Coast and southward to northern California and light unimportant showers eastward to Montana in connection with a frontal system moving through the area early in the week. Heavier precipitation occurred over the eastern half of the Nation. A storm centered south of the Great Lakes Monday moved eastward to the Atlantic Ocean. Four to 6 inches of snow fell in the northern and western parts of Chicago, Ill., late Monday. The storm spread wet and

windy weather from the lower Great Lakes to the Ohio River Valley and eastward to New England. Snow fell in some northern areas; thunderstorms occurred in the southern portions of the storm. The weather was especially unpleasant where mixtures of rain, freezing rain, sleet, and snow slicked the highways. Thunderstorms in New York and New Jersey were accompanied by winds gusting to 50 m.p.h. About the time the storm reached the Atlantic Coast, another Low developed in the Oklahoma Panhandle. It set off thunderstorms in Nebraska, Kansas, and Missouri late Tuesday. Dust storms occurred in the Texas Panhandle.

As the storm moved eastward across the Ohio River Valley, it spread light snow over the Upper Great Lakes, rain and thunderstorms from the Lower Great Lakes to the Gulf of Mexico, and heavy



snow over New York and portions of New England. In general, the new snow over New York and New England ranged from 3 to 10 inches. Utica, N.Y., received 14 inches in 6 hours early Wednesday. Hail fell late Wednesday from some of the thunderstorms from eastern Texas to southern Illinois.

Weekend precipitation included light rain in the Pacific Northwest, light snow in the northern Rocky Mountains, a few flurries in the lee of the Great Lakes and in the Northeast, and showers in the Deep South. No rain fell in Arizona and New Mexico and only widely scattered sprinkles fell in nearby States.

TEMPERATURE: Warm weather continued over the western half of the Nation. Temperatures reached the 50's and 60's, 20° to 30° above normal, over the northern Great Plains. The warm temperatures

melted the snow rapidly in western North Dakota. The rapid snow melt, combined with ice jams on some streams, caused severe flooding of lowland fields, highways, and some urban areas. Rising waters on the Cannonball River forced the evacuation of 30 families from their homes in the western part of Mott, N. Dak., Monday afternoon. Severe flooding occurred Wednesday at Beulah, Hazen, and Zap, N. Dak., on the Knife River. At Beulah, the water was in 200 houses and some families moved out.

Most of the Rocky Mountains and the northern and central Great Plains averaged 10° to 25° warmer than normal. The eastern half of the Nation averaged near or slightly above normal with only small day-to-day temperature changes. The East was a few degrees warmer than the previous week.

L. W. Dye

NATIONAL AGRICULTURAL SUMMARY

AGRICULTURAL HIGHLIGHTS: Warm dry weather prevailed in the Great Plains and southwest for the fifth straight week. Rain is badly needed. Some farmers in Texas are dry planting and not waiting for rain. Stockwater supplies are reaching the critical stage in some areas. Small grains are making good growth in most areas. Land preparation for spring planting is becoming active, weather permitting, in most of the Nation. Melting snow caused flooding in some areas.

SMALL GRAINS: Dry conditions prevailed over most of the Great Plains area. Small grains are generally making good progress although topsoil moisture is becoming increasingly short. In Kansas, wheat growth is good, lessening wind erosion in western and central areas. Oklahoma's wheat crop remains in good condition but is beginning to show stress from dry weather. Some wind erosion has occurred in fall-seeded grains in South Dakota but prospects continue good. In Arizona, small grains are heading and making good progress. Small grains are making good progress in the South and East. Fertilizer and topdressing continue and the crop is greening and making good growth. Much of the crop in the South is jointed. Some rust was reported in Alabama.

OTHER CROPS: Melting snow in the north central area, rain in the South and East, and dry weather in the Great Plains and southwest have hampered land preparation for spring planting. Tobacco plant beds are in good condition. Spring planting of tobacco is beginning in Georgia and South Carolina. Seeding of tobacco beds has been slowed in Maryland. Cotton planting is active in Texas, Arizona, and California. Over one-third of the corn in Texas has been planted, well ahead of last year. Sorghum planting in Texas is 23% complete compared with 14% last year. Flax is making excellent progress. Cutting of first crop of alfalfa in Arizona began during the week. The alfalfa weevil is doing considerable damage to the crop in Oklahoma. Potato planting was active in Virginia, North Carolina and Texas, and up to good stand in Alabama. Pineapple and sugarcane operations in Hawaii are about on schedule. Sugarcane harvest progressed normally in Puerto Rico. Coffee plantations in Puerto Rico reported good progress.

Fruits and Nuts: Peaches are blooming in the South. Apricots in Washington are blooming. Bloom

in California avocadas is heavy and almond nut set is good. Heavy bloom drop in deciduous fruit in California except prunes and pears. Cherries are blooming in California and other areas. Citrus trees in Florida are in very good condition with full bloom 1 to 2 weeks away, early and mid orange harvest are nearly complete. Grapefruit harvest in Texas was slowed by rains. Trees are making good growth. Harvest of navel oranges is 50 percent complete in California. Lemon, grapefruit and tangerine harvest is moderate. Dry weather in most of California hindered citrus.

Vegetables: Cabbage plants are being set on the Eastern Shore of Virginia, North and South Carolina. Cabbage harvest is active in California. Strawberries are coming into production in Louisiana and increasing in California. Tomatoes are being field set in East and North Texas, South Carolina, and Louisiana. Carrot digging is active in California but delayed by rains in Texas. Spinach harvest is past the peak in Texas. Spring lettuce harvest continued in Arizona and is decreasing in California. Artichoke and asparagus harvest is active in California, and broccoli and cauliflower have good volume. Celery in Orange and Ventura is in good volume. Total vegetable volume is up 7% in Florida from previous week. Increased potato digging more than offset steady volume of cabbage and sweet corn. Light cutting of watermelons has started in Florida.

PASTURES AND LIVESTOCK: Small grains and winter pastures are providing excellent grazing in many parts of the Country. In Kansas cattle are being moved off wheat fields. Livestock are in mostly good condition. Melting snow is causing soft yards and driveways in north central areas making caring for livestock more difficult. Stockwater is becoming critical in Arizona and some other dry areas. Calving and lambing are making good progress. Losses of new born calves and lambs are about normal. Supplemental feeding continues in some areas. In California, range grass is becoming short in the Sacramento Valley. Stockwater shortages are expected. Most California range grass is headed out. Livestock are in good condition but supplemental feeding continues.

Carl A. Ouzts
Agricultural Statistician

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

MARCH 19, 1972

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	+ 2	.8	+ .6	New Orleans . . .	65	+ 3	2.3	+1.0	OKLA,Okla. City . . .	58	+10	T	-.5
Mobile . . .	66	+ 6	1.1	+ .6	Shreveport . . .	64	+ 8	.3	-.7	Tulsa . . .	57	+ 9	T	-.6
Montgomery . . .	60	+ 4	.6	-.9	MAINE,Caribou . . .	23	0	.9	+ .3	OREG,Astoria . . .	52	+ 7	.6	-1.4
ALASKA,Anchorage . . .	17	- 6	.2	+ .1	Portland . . .	30	- 1	2.2	+1.2	Burns . . .	47	+ 9	.3	+ .1
Barrow . . .	-20	- 4	T	0	MD,Baltimore . . .	45	+ 1	1.2	+ .3	Medford . . .	56	+11	.1	-.3
Fairbanks . . .	0	- 9	2.1	+2.0	MASS,Boston . . .	39	+ 1	1.4	+ .4	Pendleton . . .	54	+10	.7	+ .4
Juneau . . .	35	+ 5	1.6	+ .9	Chatham . . .	37	---	1.1	---	Portland . . .	56	+10	.2	-.6
Nome . . .	-11	-18	T	-.2	MICH,Alpena . . .	28	- 2	1.0	+ .5	Salem . . .	54	+ 9	.3	-.7
ARIZ,Flagstaff . . .	42	+ 7	0	-.3	Detroit . . .	34	0	1.5	+1.0	PA,Allentown . . .	39	+ 1	1.8	+1.0
Phoenix . . .	73	+14	0	-.1	Flint . . .	34	+ 4	1.2	+ .7	Erie . . .	32	0	1.7	+1.0
Tucson . . .	68	+10	0	-.1	Grand Rapids . . .	32	- 1	1.0	+ .5	Harrisburg . . .	42	+ 1	1.2	+ .4
Winslow . . .	53	+ 7	0	-.1	Houghton Lake . . .	28	+ 2	1.0	+ .6	Philadelphia . . .	43	+ 2	1.2	+ .3
Yuma . . .	73	+10	0	-.1	Lansing . . .	33	0	1.8	+1.2	Pittsburgh . . .	41	+ 4	1.1	+ .4
ARK,Port Smith . . .	56	+ 5	T	-.8	Marquette . . .	28	+ 1	.3	-.2	Scranton . . .	35	- 1	1.6	+ .9
Little Rock . . .	57	+ 5	.5	-.6	Muskegon . . .	33	0	.8	-.2	R.I.Providence . . .	38	+ 1	2.6	+1.6
CALIF,Bakersfield . . .	69	+12	0	-.2	S.Ste,Marie . . .	25	+ 1	.3	-.1	S.C.Charleston . . .	60	+ 3	.9	0
Eureka . . .	52	+ 3	.1	-1.0	MINN,Duluth . . .	26	+ 5	.2	-.2	Columbia . . .	58	+ 4	1.1	+ .1
Fresno . . .	66	+11	0	-.4	Internatl Falls . . .	32	+13	.1	-.1	Greenville . . .	53	+ 2	.5	-.6
Los Angeles . . .	63	+ 3	0	-.4	Minneapolis . . .	36	+ 8	T	-.4	S.DAK,Aberdeen . . .	40	+12	.5	+ .2
Red Bluff . . .	65	+11	0	-.6	Rochester . . .	38	+10	.1	-.3	Huron . . .	42	+13	.4	+ .1
San Diego . . .	60	+ 1	T	-.4	St. Cloud . . .	34	+ 8	.2	-.1	Rapid City . . .	47	+16	.3	0
San Francisco . . .	58	+ 4	T	-.6	MISS,Jackson . . .	63	+ 6	.7	-.6	Sioux Falls . . .	42	+12	.4	0
Stockton . . .	65	+11	0	-.5	Meridian . . .	60	+ 3	.9	-.5	TENN,Chattanooga . . .	52	+ 1	.7	-.6
COLO,Denver . . .	50	+13	T	-.3	MO,Columbia . . .	47	+ 5	1.2	+ .5	Knoxville . . .	51	+ 1	1.3	+ .3
Grand Junction . . .	50	+ 8	T	-.2	Kansas City . . .	52	+ 9	.8	+ .2	Memphis . . .	56	+ 5	1.5	+ .3
Pueblo . . .	51	+11	.1	0	St. Louis . . .	48	+ 5	1.6	+ .8	Nashville . . .	52	+ 3	1.3	+ .1
CONN,Bridgeport . . .	39	+ 1	1.7	+ .7	Springfield . . .	51	+ 7	.1	-.6	TEX,Abilene . . .	63	+ 8	0	-.3
Hartford . . .	36	- 1	2.3	+2.3	MONT,Billings . . .	52	+18	T	-.3	Amarillo . . .	57	+10	T	-.2
D.C.Washington . . .	47	+ 5	1.2	+ .5	Glasgow . . .	44	+17	.1	0	Austin . . .	68	+ 8	T	-.4
FLA,Apalachicola . . .	65	+ 4	1.3	+ .3	Great Falls . . .	52	+21	T	-.2	Beaumont . . .	66	+ 5	.2	-.6
Ft. Myers . . .	70	+ 1	.3	-.3	Havre . . .	52	+25	T	-.1	Brownsville . . .	71	+ 3	.9	+ .7
Jacksonville . . .	64	+ 2	.6	-.2	Helena . . .	49	+18	.2	0	Corpus Christi . . .	69	+ 4	1.2	+ .8
Key West . . .	75	+ 3	T	-.4	Kalispell . . .	46	+14	.1	-.1	Dallas . . .	66	+10	T	-.6
Lakeland . . .	66	- 1	.2	-.9	Miles City . . .	50	+19	T	-.1	Del Rio . . .	71	+ 8	.3	+ .2
Miami . . .	71	0	.7	+ .2	Missoula . . .	47	+13	.7	+ .5	El Paso . . .	62	+ 7	0	-.1
Orlando . . .	70	+ 4	1.1	-.7	NEBR,Grand Island . . .	50	+14	T	-.3	Fort Worth . . .	65	+ 9	T	-.5
Tallahassee . . .	63	+ 2	.3	-.9	Lincoln . . .	51	+13	.1	-.3	Galveston . . .	69	+ 7	0	-.7
Tampa . . .	67	+ 1	.9	0	Norfolk . . .	48	+15	.1	-.3	Houston . . .	68	+ 8	1.0	+ .4
GA,Atlanta . . .	54	+ 3	1.2	0	North Platte . . .	48	+13	T	-.2	Lubbock . . .	61	+11	0	-.2
Augusta . . .	58	+ 3	.5	-.5	Omaha . . .	47	+12	.7	+ .4	Midland . . .	63	+ 8	T	-.1
Macon . . .	58	+ 1	.4	-.7	Valentine . . .	47	+16	T	-.2	San Angelo . . .	65	+ 8	T	-.2
Savannah . . .	62	+ 3	2.3	+1.4	NEV,Ely . . .	44	+10	.1	-.1	San Antonio . . .	67	+ 6	.1	-.3
HAWAII,Hilo . . .	73	+ 2	T	-3.6	Lis Vegas . . .	67	+12	0	-.1	Victoria . . .	69	+ 6	.6	0
Honolulu . . .	---	---	---	---	Reno . . .	49	+ 8	0	-.1	Waco . . .	65	+ 7	.1	-.4
Kahului . . .	72	0	0	-.4	W.nnemucca . . .	47	+ 9	0	-.2	Wichita Falls . . .	61	+ 7	T	-.3
Lihue . . .	74	+ 3	.1	-.9	N.H,Concord . . .	30	- 2	1.9	+1.2	UTAH,Blanding . . .	50	+10	0	-.2
IDAHO,Boise . . .	49	+ 6	.6	+ .3	N.J,Atlantic City . . .	42	+ 1	2.4	+1.5	Salt Lake City . . .	50	+ 9	.4	+ .1
Lewiston . . .	52	+ 9	1.5	+1.2	T.enton . . .	42	+ 1	1.3	+ .4	VT,Burlington . . .	26	- 1	1.6	+1.1
Pocatello . . .	47	+11	.3	0	N.MEX,Albuquerque . . .	58	+12	0	-.1	VA,Lynchburg . . .	52	+ 6	.8	0
ILL,Cairo . . .	54	+ 6	1.9	+ .7	Roswell . . .	59	+ 9	0	-.1	Norfolk . . .	53	+ 5	1.2	+ .4
Chicago . . .	36	0	1.0	+ .3	N.Y,Albany . . .	32	- 1	2.3	+1.7	Richmond . . .	50	+ 2	1.2	+ .4
Moline . . .	39	+ 4	.8	+ .2	Binghamton . . .	31	0	.8	+ .1	Roanoke . . .	50	+ 5	.7	-.1
Peoria . . .	39	+ 1	.8	+ .1	Buffalo . . .	33	+ 2	1.4	+ .7	WASH,Colville . . .	45	+ 8	.1	-.1
Rockford . . .	37	+ 3	.7	+ .3	New York . . .	40	- 1	2.3	+1.3	Omak . . .	47	+ 7	T	-.1
Springfield . . .	44	+ 4	1.2	+ .5	Rochester . . .	33	+ 1	.9	+ .2	Quillayute . . .	48	+ 5	3.9	+1.5
IND,Evansville . . .	48	+ 3	2.1	+1.0	Syracuse . . .	32	- 1	.3	-.5	Seattle-Tacoma . . .	53	+ 9	.4	-.5
Fort Wayne . . .	36	- 1	.6	-.1	N.C,Asheville . . .	49	+ 3	.6	-.3	Spokane . . .	48	+10	.1	-.2
Indianapolis . . .	41	+ 2	.1	-.7	Charlotte . . .	53	+ 3	.6	-.4	Walla Walla . . .	56	+10	.9	+ .5
South Bend . . .	34	- 1	1.5	+ .8	Greensboro . . .	53	+ 5	.6	-.2	Yakima . . .	50	+ 8	T	-.1
IOWA,Burlington . . .	41	+ 4	.6	-.1	Hatteras . . .	57	+ 6	1.4	+ .5	W.VA,Beckley . . .	45	+ 5	.4	-.7
Des Moines . . .	44	+11	.4	-.1	Raleigh . . .	56	+ 6	.6	-.2	Charleston . . .	49	+ 5	.6	-.4
Dubuque . . .	37	+ 5	1.0	+ .3	Wilmington . . .	59	+ 5	1.1	+ .2	Huntington . . .	47	+ 2	.6	-.4
Sioux City . . .	47	+14	.2	-.1	N.DAK,Bismarck . . .	41	+15	.6	+ .4	Parkersburg . . .	45	+ 2	.8	0
KANS,Concordia . . .	52	+12	T	-.3	Fargo . . .	37	+13	.1	0	WIS,Green Bay . . .	30	+ 2	.2	-.1
Dodge City . . .	56	+14	.1	-.2	Williston . . .	41	+17	.2	0	La Crosse . . .	36	+ 6	.3	-.3
Goodland . . .	51	+14	T	-.3	OHIO,Akron-Can n . . .	36	- 1	1.6	+ .8	Madison . . .	34	+ 5	.5	+ .1
Topeka . . .	52	+10	.9	+ .4	Cincinnati . . .	42	+ 1	1.1	+ .1	Milwaukee . . .	30	- 1	1.3	+ .7
Wichita . . .	54	+ 9	T	-.4	Cleveland . . .	37	+ 2	1.5	+ .8	WYO,Casper . . .	46	+14	.3	0
KY,Lexington . . .	45	+ 2	1.3	+ .2	Columbus . . .	40	+ 1	.8	0	Cheyenne . . .	45	+13	T	-.3
Louisville . . .	48	+ 4	1.3	+ .2	Dayton . . .	39	0	.9	+ .1	Lander . . .	49	+17	.2	0
LA,Baton Rouge . . .	66	+ 7	.8	-.7	Toledo . . .	35	- 1	.8	+ .2	Sheridan . . .	51	+20	T	-.3
Lake Charles . . .	67	+ 6	.1	-.8	Youngstown . . .	35	- 1	1.3	+ .5	P.R. San Juan . . .	78	+ 3	T	-.5

* Departures are from 30-year means (1931-60).

Based on preliminary reports

CONDENSED STATE SUMMARIES

These summaries provide brief descriptions of condition and activities important on a national scale. Detailed reports of crop and weather conditions during the growing season are contained in State issues of Weekly Weather and Crop Bulletins published by field offices of the Statistical Reporting Service, U.S.D.A. in cooperation with NOAA Climatologists.

ALABAMA: Lines of showers and thunderstorms swept across State several days during week. Temperatures well above seasonal normals as days warm, nights mild. Precipitation generally heavy with most sections averaging more than 1.00 inch of rain. Fieldwork made fair to good progress first of week. Rains latter part limited outdoor activities over most of State. Small grains continued fair progress. Farmers applying nitrogen to acreage for grain as weather permitted. Rust seen in small grain fields in south, especially wheat in southeast. Almost 3/4 late spring potato acreage up to a stand. Earlier crops being fertilized and cultivated with prospects promising. A few additional potato plantings for early summer harvest made during week. Tomato planting active in Geneva-Houston Counties. A few tobacco plants set Butler County area. Livestock fair to good condition as supplemental feeding continues.

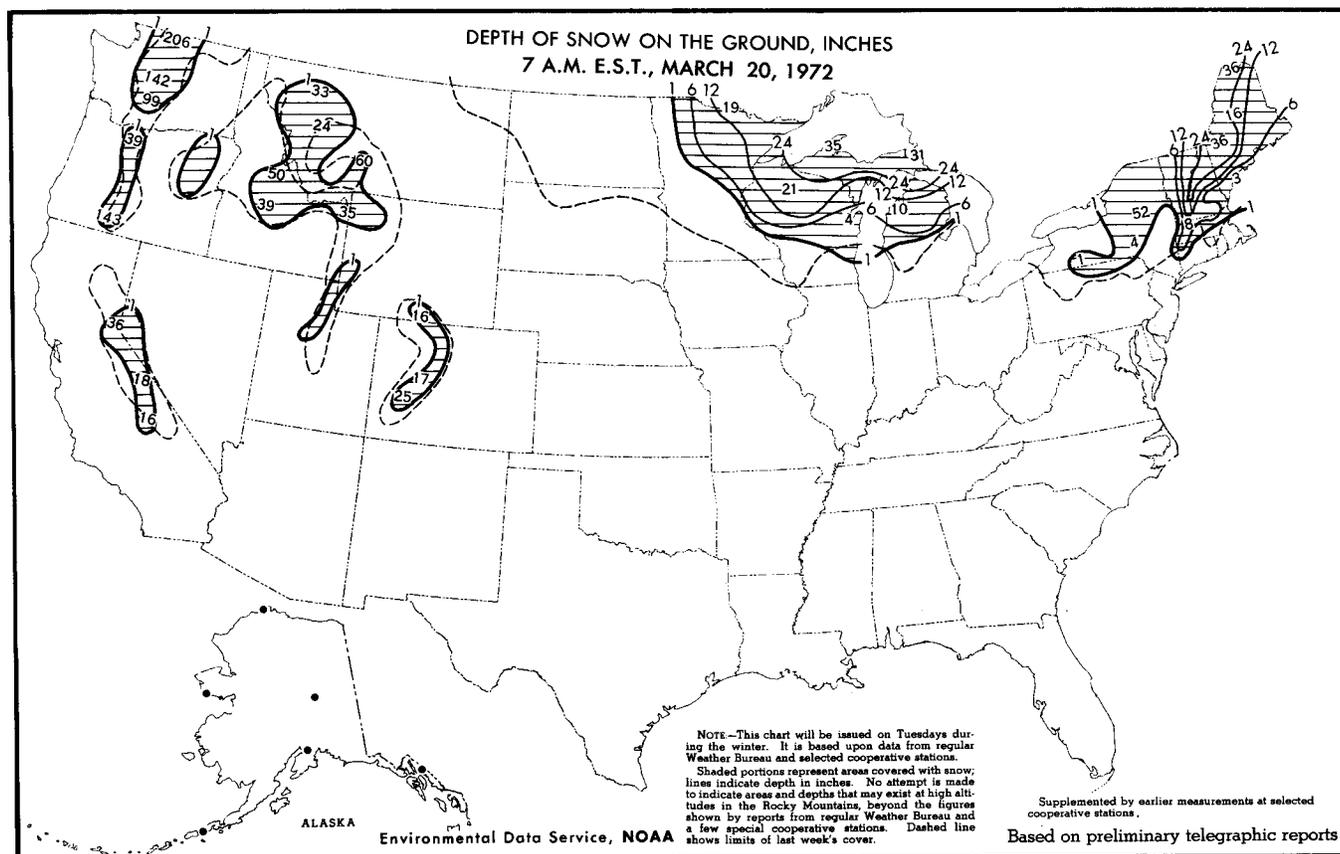
ARIZONA: Skies mostly clear and temperatures much above normal again this week. No precipitation. Field preparation planting cotton continues rapid pace as farmers take advantage unseasonably warm weather. In Yuma area, early-planted fields up good stand. Salt River Valley, planting underway. Yuma area wheat, barley heading. Planting grain sorghum progressing satisfactorily Salt River Valley, central areas. Curing, baling first cutting alfalfa hay active Yuma area. Harvest first cutting of alfalfa hay underway Salt River Valley, central areas. Spring lettuce harvest continued Salt River Valley, Pima, Pinal County areas. Lettuce thinning active Cochise County. Warm temperatures accelerating growth. Winter lettuce harvest underway southern Yuma County. Harvest miscellaneous vegetables active Yuma and Salt River Valley areas. Cantaloupes making very good progress. Thinning is underway. Limited harvest kinnow, mandarins, Valencia oranges and grapefruit continued Salt River Valleys areas. Market conditions generally slow all varieties. Rapid bloom developed past week, trees flushed new growth. Grapefruit and Valencia orange harvest continued Yuma area. All varieties in bloom. New growth tree conditions very good. Range conditions declining. Rainfall needed all areas. Conditions mostly poor northern and Desert areas. Higher elevations and southeastern portions mostly fair condition. Soil moisture and stockwater supplies critical levels. Increased supplemental feeding, water hauling necessary drier areas. Livestock generally fair condition.

ARKANSAS: Above normal temperatures throughout Arkansas with greatest departures in western half of State. Range 2° to 7° above normal. Brief cool spell late in week followed by warmer trend on weekend. Highest temperature 78° at Camden and Pine Bluff on 15th; lowest, 27° at Gilbert on 29th. Precipitation very light in west-central, northwest and north-central sections, generally less than 0.10 inch. Elsewhere precipitation 0.25 inch or more with largest amounts along southern and eastern borders. Heaviest 3.42 inches at Helena and 1.02 inches at Arkansas City. Least in west-central section with only traces. Fieldwork good progress. Seedbed preparation well advanced. Open weather permitted more land leveling than usual on soybean and cotton land.

Growers in eastern areas applying fertilizer and preemerge herbicides to finished seedbeds. Soil moisture generally adequate in northeast and east-central areas but becoming short to very short other localities. Pastures, hay crops, and winter grains making good growth where moisture adequate. Insect control measures underway on alfalfa. Fruit blooming, particularly peaches now increasing. Livestock in good condition. Grazing increasing most areas although very limited in western sections because of dry weather.

CALIFORNIA: Much above normal temperatures continued for 6th week. Positive departures 2° to 6° south coast, 6° to 14° rest of State, again increasing west to east. Light precipitation only extreme north, seasonal total much below normal all agricultural areas. Dry farmed small grain showing increased stress due lack of moisture. Some fields being plowed or grazed off. Cutting alfalfa hay increasing Desert, starting San Joaquin Valley. Cotton planting underway San Joaquin Valley. Development orchards, vineyards 2 weeks ahead normal, irrigation increased. Control measures underway. Growth grape vines good. Practically all bloom dropped deciduous fruit except prunes, pears, cherries full bloom. Almonds nut set good. Harvest navel oranges 50% complete. Lemon, grapefruit, tangerine harvest moderate. Lack rainfall hinders citrus. Bloom heavy avocados. Warm weather and lack of moisture causing livestock producers concern. Northern California areas are in pretty good shape. Sacramento Valley range land grasses becoming short. Expectations are for a shortage of stockwater this season. Livestock conditions good. San Joaquin Valley and south coast ranges becoming brown and parched. Most range grass has headed out, supplemental feeding continues. Movement of cattle into feedlots is heavy. Movement of bee colonies into citrus groves. Southern California foothills and range grasses are in poor shape. Artichokes Castroville active. Asparagus Delta active; Imperial decreasing, Yolo underway. Salinas broccoli and cauliflower good volume; Santa Maria shipments moderate. South Coast cabbage active. Carrots desert areas steady. Celery Orange Ventura good volume. Imperial lettuce decreasing, Blythe increasing. Strawberries Southern California increasing.

COLORADO: Continued warm. Dry except light to locally moderate precipitation mostly in and near mountains. Record low seasonal precipitation southwest where some stations have received no measurable amounts since the first of year. Some eastern plains localities dry since mid-January. Surface soil moisture short most areas. Subsoil moisture generally adequate. Moisture needed statewide. Preirrigation underway local areas. Field preparation for spring planting irrigated land progressing rapidly. Spring barley and oat seeding 39% and 26% complete. Winter wheat and other fall-seeded grains making good growth. Condition fall-seeded crops generally good. Most wheat acreage has sufficient ground cover to limit soil erosion by wind. Winter freeze damage to wheat light. Seeding of onions and lettuce Arkansas Valley underway. Apricots and cherries starting to bloom west



slope. Peach buds beginning to swell. Range and pastures fair. Some greening local areas eastern plains. Available forage limited. Supplemental feeding still required all areas. Livestock condition good. Calving about 40% complete.

FLORIDA: Temperatures were warm with daytime highs mainly in low 80's. Rainfall average 0.20 to 0.60 inch mostly as scattered shower and thunderstorms in advance of weak cold front. Thursday and scattered showers and thunderstorms Sunday. Mild weather promoting growth small grains. Some rust. Good growth young sugarcane. Two mills still grinding sugarcane, will complete by end of March. Temporary pastures declining. Supplemental feeding increased. Cattle continued good. Citrus trees very good. Full open bloom 1 to 2 weeks away. Moisture adequate to fair with very little irrigation. Early and mid-orange harvest nearly complete. Total vegetable volume up 7% from previous week as increased potato digging in Dade County more than offset decline of cabbage, sweet corn. Steady volume expected most commodities next 10 days except pepper, potatoes, increasing. Light cutting water-melons started Immokalee area. Spring crops excellent growth during week.

GEORGIA: Light to locally moderate rainfall on 2 to 3 days. Amounts ranged from about 0.50 inch central sections to more than 1.00 inch parts of north and south. Unusually warm first half of week. Cool Thursday through Saturday but mild again Sunday. Highs reached 80° south and central on Wednesday and lows dropped to just below freezing extreme north Saturday. Averages ranged from 2° to 6° above normal. Soil moisture adequate.

Small grains, pasture, and tobacco plant beds mostly good condition. Land preparation became quite active during week. Spring planting and tobacco transplanting beginning. Topdressing of grain active throughout State.

HAWAII: Growing conditions generally favorable. Weather clear and warm with scattered light showers. Farm activities on the uptrend with adequate soil moisture. Operations on sugarcane and pineapple plantations about on schedule. Supplies of fruits light but vegetables adequate. Pastures improving. Cattle in fair to good condition.

IDAHO: Temperatures averaged 9° to 14° above normal. This is the 5th week with temperatures averaging above normal statewide. Precipitation was light and less than normal except above normal north where totals ranged 0.50 to 1.00 inch. Snow packs decreased by 6 to 12 inches at mountain points. Mild weather stimulated farm activity in all areas of State. Barley seeding well started in southwest. Wet soils still causing delays, and early-planted crops are behind schedule. Livestock being turned on native forage and irrigated pastures. Many livestock operations are through calving and lambing. Runoff water causing soil losses in portions of north Idaho.

ILLINOIS: Severe snowstorm 12th to 13th north-east. Air and auto travel slowed. Turned warmer and rainfall of 0.50 to 1.50 inches first half of week. Sunny and warmer last half with Sunday highs in 60's in south, 40's in north. Soil moisture adequate throughout State, surplus in

some areas. Winter wheat, other small grains and legumes continue good. Livestock good throughout State. Main activities include hauling manure and machinery maintenance for spring fieldwork. Actual fieldwork very limited by rainy weather.

INDIANA: Considerably warmer in south than north compared to normals. Temperatures averaged from 35° to 48° and ranged from 22° at South Bend on 19th to 61° at Evansville on 13th. Precipitation 0.70 inch in north, 0.30 inch in central, and 1.50 inches in south early in week. Very little fieldwork accomplished because of muddy soils. Ready-
ing equipment for spring season and chores accounted for most work done.

IOWA: Temperatures averaged 7° to 11° above normal in western 2/3 of State and 1° to 3° above normal in eastern 1/3. Precipitation falling mostly as rain was below normal except in a few counties along the eastern border. Snow cover has melted.

KANSAS: Significant rains east-central, north-east, and parts southeast generally 0.03 to 1.25 inches. Light to locally moderate precipitation central 1/3. No significant moisture elsewhere. Weekly mean temperatures averaged much above seasonal. This was 5th consecutive week with above-normal temperatures. Maxima hit lower 90's parts southwest 19th. Daily minima generally 20's to 40's. Wheat good growth all areas considerably lessening wind erosion danger in west and central areas. A few brown mites in wheat. Oats seeding now 59% complete compared with 15% last year and 10-year average of 39%. Spring barley 38% seeded compared with 6% year ago and average of 22%. Surface moisture mostly short western 2/3, mostly adequate eastern 1/3. Subsoil moisture generally adequate. Growth of Bromes and other early grasses adequate in east. Mild weather beneficial to livestock. Feed supplies adequate. Cattle gradually being moved off wheat to be harvested as grain but kept on some fields being grazed out. Several cases of black disease reported.

KENTUCKY: Rain one or more areas on 5 days; weekly totals 1.00 to 2.30 inches. Temperatures averaging 3° to 5° above normal. Soil temperatures at 4-inch depth averaging in low 50's western 1/3 and upper 40's balance. Rain several days, then warming and drying. Winter grains mostly green and beginning to grow. Tobacco beds being prepared and seeded. Plowing and other fieldwork beginning as soils dry. Pastures greening. Most livestock receiving supplemental feed.

LOUISIANA: Temperatures averaged 3° to 6° above normal. Warm first of week, heavy thunderstorms early Thursday followed by cooler weather statewide. Moderating temperatures with low humidity over weekend. Some heavy thunderstorms Saturday over southeast. Temperature extremes 84° Lafayette Saturday, 34° Homer and Ashland Friday. Precipitation totals highly variable, 0.10 to near 1.50 inches north, 0.50 to no more than 2.50 central, 0.10 to more than 4.0 inches south. Greatest 1-day precipitation total, 3.90 inches at Crowley Thursday morning. Land preparation active until halted generally by showers at midweek. Soil moisture short to adequate in northwest, adequate to excessive in other areas. Some scattered planting of rice and corn. Cultivation of sugarcane continued. Wheat and oats mostly in good condition. Topdressing continued. Peaches in full bloom. Strawberries coming into production. Transplanting of tomatoes started in south.

Pastures greening. Grass and clover providing some grazing. Pastures feed generally about average. Livestock in fair to good condition.

MARYLAND AND DELAWARE: Temperatures above normal 13th, 16th, 18th, averaged 1° to 5° above normal. Extremes: 69°, 8°. Precipitation heavy, mostly between 1.00 and 2.00 inches. Heaviest 2.62 inches at La Vale, Maryland. Field activity limited to early in week. Plowing and disking started in well-drained soils. Seeding of spring oats and green peas started. Winter grains rated fair to good, light winterkill but more than usual damage from standing water. Wet fields delaying topdressing of small grains and plow-down of fertilizer for corn. Seeding of tobacco beds slowed.

MICHIGAN: Ice storm early in period caused extensive damage to trees and power lines. Considered most damaging March ice storm for southern Michigan since 1939. Precipitation Upper Peninsula averaged 0.30 inch; in Lower Michigan, mostly 0.75 inch in west and extreme south to over 1.00 inch remainder of State. Heaviest precipitation occurred at Capitol City Airport with nearly 1.75 inches. Temperatures averaged near normal Lower Michigan; Upper Peninsula averaged 1° to 3° above normal with only minor day-to-day changes.

MINNESOTA: Temperature: 6° to 13° above normal. Precipitation: Generally less than 0.10 inch except 0.30 inch on a narrow line from Madison-Alexandria-Grand Rapids-Crane Lake. Snow depth: No snow on ground most of State: 7 to 20 inches north-central district and northeast.

MISSISSIPPI: Weekly temperatures averaged above normal with daily extremes of 20° on 11th and 83° on 15th. Rain on 1 to 3 days at most stations; the greatest 1-day amount of 1.70 inches was measured at Lake Cormorant on 16th. Hail up to egg size on 16th in central Mississippi. Over weekend: Seasonal temperatures and some scattered showers with hail up to golf ball or larger size in southern 1/3 of State. Spring fieldwork began to pick up momentum last week but was cut off by rainfall before significant progress was recorded. Plowing for 1972 had passed the 35% mark by the weekend. Seeding of corn got underway last week. Soil moisture reserves adequate to surplus. One fourth of wheat and oats is jointed.

MISSOURI: Continued wet weather has recharged much of the ground water in all but the Ozarks region. Precipitation amounts averaged 0.50 inch in the Ozarks to 2.00 inches in an 80-mile-wide band north of the Missouri River. Temperatures were on cool side but averaged near seasonal normals. A slow warming trend brought springlike temperatures for weekend.

MONTANA: Very warm week as temperatures averaged 13° to 25° above normal. Precipitation amounts greater than 0.50 inch common western divisions Saturday night; very little precipitation elsewhere. Fieldwork beginning many areas. Winter wheat in good condition and beginning to green. Nearly all range livestock receiving some type of supplemental feed. Calving, lambing, and shearing progressing normally. Losses of new born lambs and calves about normal.

NEBRASKA: Unseasonably warm and dry spell continued for 5th consecutive week. Mild temperatures have allowed farmers to get started on spring fieldwork. Stalk shredding, disking, fertilizing and cleaning feedyards were principal activities.

Topsoils are dry with blowing dust becoming a problem. Scattered precipitation generally not adequate to firm topsoil. Dry windy conditions increased threat of fire with some grass fires reported. Wheat greening most areas, but a good rain would be beneficial. Livestock conditions good and young stock making good growth.

NEVADA: Another warm dry week. Temperatures averaged 8° above normal in north to 12° above normal in south. Very light spotty precipitation all divisions. None extreme south. Livestock in good condition. Calving and lambing progressing favorably. With mild weather, most lower ranges turning green. Land preparation for spring plantings underway. Vegetable harvest of green onions and radishes underway in Moapa Valley.

NEW ENGLAND: Week averaged near normal with mild nights latter part until much colder at close of week. Precipitation heavy varying from near 1.00 inch in extreme northeast to 1.50 to 3.50 inches elsewhere. Major storm on 14th to 15th with mostly 7 to 14 inches snowfall except little or none in northern Maine and smaller amounts also in extreme south where partly rain or freezing rain. Much thunderstorm activity on 17th with locally very heavy precipitation. Heavy precipitation with above normal cloud cover not conducive to good sugaring.

NEW JERSEY: Showery with moderate temperatures most of week becoming fair and cooler over weekend. Temperatures ranged from upper 50's to midteens. Thunderstorm activity Friday afternoon was accompanied by hail some areas. Lightning strikes caused power outages number of places. Precipitation varied from 1.20 to 2.90 inches with heaviest amounts along coast. Up to 4 inches of snow fell northwestern counties early in week.

NEW MEXICO: Continued dry with much above-normal temperatures. Only traces of precipitation in northeast. Temperatures averaged 50 to 10° above normal. Coolest midweek. Soil moisture short to adequate. Winter wheat, barley poor to good. Cotton, other cropland preparation underway. Fertilization, irrigation, alfalfa active. Fall onions, spring lettuce good. Fruit trees north, 2 to 4 weeks early. Ranges poor to good. Supplemental feeding necessary. Grazing, lambing active. Livestock fair to good.

NEW YORK: Considerable cloudiness with little or no temperature trend from early week through 17th. Daytime maximums mostly cooler than normal and overnight minimums near 2° above normal. Colder trend on weekend with minimums zero to 10° above zero. Below zero northern half ranging up to teens and low 20's southern Upstate. Widespread precipitation almost daily through 17th. Heavy weekly totals of 1.50 to 2.50 inches Long Island and eastern 1/3 Upstate as amounts ranged down to near 0.50 inch in Finger Lakes. Snowfall 6 to 12 inches central and east-central on 14th and 15th with 15 inches at Utica. Amounts decreased to 2 to 4 inches western half and St. Lawrence Valley. Precipitation mostly as rain on 16th and 17th with heaviest 1.00 to 1.20 inches eastern valleys to Long Island. Snow cover 12 to 24 inches or more continues northern half but considerable bare ground in Hudson Valley and western Great Lakes Plain.

NORTH CAROLINA: Warm days and mild nights, turning cooler over weekend, averaging a little above normal. Scattered light showers 14th and general rain 16th and 17th, totals 0.50 inch to 2.00 inches averaging 1.00 inch. Soil moisture increased, mostly adequate to surplus statewide. Small grains mostly fair to good. Pastures growing well, condition mostly fair to good. Tobacco plant bed preparation continues, some seeding mountains, virtually complete Piedmont. Plants beginning to emerge Piedmont, most beds up coastal plain. Irish potato planting and cabbage transplanting continues. Preparing plant beds for tomatoes and sweet potatoes. Some planting truck crops in coastal areas. Hay and roughage short in few areas. Farming activities on schedule, land preparation and bulk fertilizer spreading active.

NORTH DAKOTA: Temperatures averaged 10° to 18° above normal. Sunny first of week followed by variable cloudiness and showers mostly on Wednesday and Friday. Precipitation light to 0.58 inch, heaviest west-central, south-central, and southeast. Mild temperatures melted most of remaining snow cover. Flooding of Knife River early in week caused considerable property damage in Beulah, some flooding along Missouri and Yellowstone Rivers. Many rivers and streams nearing flood stage as result of melting snow. Some local flooding southern half of State. Yards and driveways are soft making care of livestock more difficult. Feed supplies adequate. Calving and lambing underway. Farmers preparing machinery and readying supplies for spring fieldwork.

OHIO: Temperatures were near normal except 13th when southern Ohio had maximum temperatures near 70° and 19th when minimum temperatures in upper teens northeast. Precipitation amounts generally moderate to heavy from the 13th to 17th. Snow and freezing rain common in north. On 18th and 19th, skies clear to partly cloudy most portions. Farming activities are still limited by muddy fields although some plowing has started. Winter wheatfields are starting to green up over much of State. Major activities include care of livestock and preparation of machinery. Maple syrup harvest is still underway.

OKLAHOMA: Temperatures averaged from 6° to 14° above normal. Highest 91°; lowest 29°. Precipitation only traces to a few hundredths inch, mostly east and south. Soil moisture supply declined substantially. Surface moisture now rated 87% short, 62% year earlier. Subsoil moisture 28 percent short, 45% year ago. Bulk wheat crop remains good condition but beginning to show moisture stress few localities. Nearly 1/4 is jointing, sharply ahead last year. Greenbug infestation heavy few southern localities, considerable acreage being sprayed. Topdressing continues. Dry surface soils delaying corn planting and limiting growth corn and late-seeded small grains. Fruit trees approaching full bloom. Early-seeded vegetables making good growth. Gardening activities continue accelerated pace. Supplemental feeding continues. Good gains from wheat pastures. Winter grasses and clovers furnishing limited grazing. Native grasses beginning to green few areas. Alfalfa weevil increasing, causing considerable damage few southern localities.

OREGON: Rain and showers first half of week followed by sunshine and warming trend. Temperatures averaged mostly 7° to 12° above normal. Minima 26° to 31° southeast half 34° to 46° elsewhere. Maxima 56° to 80°. Rain 3 to 4 days totaled 0.30 to 0.90 inch eastern 2/3 and southwestern valleys, 1.50 to 2.50 inches elsewhere except 3.60 inches central coast. Fall-seeded crops are in good condition. Plowing, fertilizing, and spraying continues. Pruning of fruit and nut orchards near completion in western Oregon. Livestock in good condition with adequate hay.

PENNSYLVANIA: Rather mild wet week. Temperatures averaged 2° to 3° below normal northeast to 3° above normal parts of southwest and southeast and near normal elsewhere. Mean temperatures ranged 30° in Upper Susquehanna to low 40's southeast. Extremes: 70° and 10°. Rain, sleet, and snow widespread much of week, drier over weekend. Weekly totals 1.00 to over 1.50 inches east and northwest corner, 0.50 to 1.00 most other areas. Several inches snow central and northern mountains early in week. Snow cover Monday morning limited to few inches scattered mountain stations. Wet soil limited early spring farm activities.

PUERTO RICO: Above-normal rainfall and well below-normal temperatures entire week. Rainfall averaged 1.39 inches or 0.82 inch above normal. Heaviest rains centered east and west-central portion of Island. Highest weekly total, 5.19 inches eastern interior. Generally less than 1.00 inch on Coast. Temperatures averaged 74° on coast and 68° to 69° interior divisions with mean departure of 3.7° below normal with strong cooling trend over previous week. Highest maximum 90°, lowest minimum 50°. Sugarcane harvest progressed normally all zones. Spring crop planting begun. Coffee plantations report good progress weeding, fertilizing, and tilling. First spring flowering in north shows promise of good harvest. Tobacco plantations continued harvesting and drying operations with some delays due rains north-central zones. Pastures in all zones generally good to excellent with new plantings underway except parts of south where agricultural drought continued in spite some relief from light showers. Some northeastern zones reported yellow aphids still active. Minor crops continued good harvest and general fieldwork in all zones except parts of south and southwest where too dry and irrigation necessary.

SOUTH CAROLINA: Temperatures averaged 4° or 5° above normal all areas. Rain late in week with most amounts between 0.50 and 1.00 inch. Heavier in extreme south where 1.00 to 2.00 inches fell. Favorable weather for all outside activities. Tobacco plants looking good. Some growers anticipate some transplanting next week. In coastal areas planting beans, squash, and watermelons. Tomato transplanting has begun, limited basis. Some concern about disease problems in Florida, where plants originate. Small grains, pastures good conditions.

SOUTH DAKOTA: Temperatures averaged from 7° to 16° above normal. Extremes ranged from 21° at Leola on 14th and at Brookings on 18th and 19th to 75° at Philip and Rapid City on 18th. Precipitation fell mostly as rain and snow periodically from 15th through 18th with totals ranging from less than 0.10 inch to about 0.70 inch. The greatest amounts fell on 17th when Iroquois reported 0.70

inch and Ipswich reported 0.52 inch with 3 inches of new snow. No significant snow cover end of week. Fieldwork beginning in some southwest and south-central areas. Early calving started, early lambing nearly complete. Moisture supplies mostly adequate to surplus except south-central and southwest where rain would be welcomed. Fields susceptible to blowing in these areas and some wind erosion has occurred on fall-seeded grains and fallow land. Frost generally out of soil. Some flooding and minor erosion due to spring thaw. Many areas report conditions of fall-seeded grains good and greening. Feed lots and stockyards muddy. Livestock generally in normal condition. Most stockdams and dugouts full or filling. Main farm activities caring for livestock and general preparation for spring planting.

TENNESSEE: Another mild week with minor daily temperature changes except briefly colder early week and on 18th. Precipitation variable from light in northeast to locally heavy west-central. Jackson recorded 2.07 inches for heaviest. Rain continues to delay fieldwork throughout State. Most fields too wet for farmers to enter with only 1.9 days suitable for fieldwork during the week ending March 17. Despite wet weather, seeding of tobacco beds showed some improvement. Small grains and pastures are in fair to good condition and making some early spring growth. Cattle remain in good condition with adequate supply of feed on hand.

TEXAS: Heavy rains in Lower Valley on Sunday of previous week were followed by light showers South Coast and Lower Valley Tuesday, and by scattered showers Coastal and East Texas Wednesday. Other areas of State continued dry for 5th consecutive week. Temperatures continued mild. Planting making fair to excellent progress south half of State. Dry planting widespread and increasing. Many farmers reluctant to wait for rain. Wheat making excellent progress on Northern High Plains, fair to good elsewhere. Prospects for grain crop good to excellent, especially for irrigated crops. Flax making excellent progress South Texas. Percent planted major crops, cotton 75 last year, corn 35, 22 last year, sorghum 23, 14 last year, rice 12, 28 last year, peanuts 2, 0 last year. Carrot digging and cabbage harvest delayed due to heavy rains. Harvest should become active again this week. Spring vegetables good progress Lower Valley with rain and warm temperatures. Spinach harvest past peak in Winter Garden. Light supplies of carrots, cucumbers. Planting potatoes in High Plains. Tomatoes being field set east and North Texas. Grapefruit harvest hindered by rains, should increase this week. Trees making good growth. Peaches blooming throughout State. Watermelons making excellent progress.

UTAH: Few showers northwest portion forepart period and extreme northwest over weekend. Still no precipitation south. Zion National Park now 83 days without measurable moisture. Temperatures continued well above normal, averaging 8° to 15° above. Cooling trend north over weekend. Soil temperatures, 4-inch depth, averaged mid-40's Cache Valley, near 50° Salt Lake City and Richfield areas, and low 60's St. George. Lambing well along for farm flocks, not yet started for range. Some shearing started. Range herd calving started. Care and feeding dairy cattle, poultry flocks, beef cattle, and sheep on winter range lands and on valley farms continue major activities. Early spring plowing and planting off to a

good start. No setbacks from severe weather have occurred to fruit trees to date. Apricot trees in bloom many areas. Topsoils very dry. Generous rains needed throughout State. Irrigation water will be short many southern areas but adequate most northern and central Utah areas.

VIRGINIA: Temperatures above normal at beginning and on Thursday; otherwise around normal. Showers at beginning, Thursday and Friday. Totals ranged from 0.30 to 1.50 inches. Rain soaked fields, hampered work especially in north but progress good. Plowed, spread lime, and fertilized small grain, sprayed for weeds. Oats planted. Seeded burley tobacco plantbeds in southwest and sun and fire cured in northern part of belt. Planted Irish potatoes and set cabbage on eastern shore. Seeded grass, clover and lespedeza for pasture and forage.

WASHINGTON: Western Washington: Springlike weather made first appearance but fieldwork remains hampered by wet soils. Harvest daffodils and forced rhubarb continues. Planting of strawberries, caneberries, and tree seedlings underway. Dairy animals still on winter feed but some beef animals being put on pasture. Pasture and hay growth looking good. Fertilizer being spread and some farmers working higher ground. Eastern Washington: Grain fields showing excellent progress in the warm weather. Spring fieldwork proceeding at full speed with good starts on wheat and barley seeding. Spraying, fertilizing, and ground working are the other main activities. With the appearance of apricot blossoms, preparations for orchard heating underway. Heavy rain showers early in week caused additional erosion in the already plagued southeastern counties. Alfalfa fields showing good growth and range area cheat grass beginning to grow.

WEST VIRGINIA: Temperatures in high 70's beginning of week but sharp drop March 14 as cold front moved across State. Heavy rain March 14 and lighter showers following 3 days. Cold and clear over weekend March 18 and 19. Field preparations for spring-planted crops started where weather conditions permit. Soil moisture adequate most areas. Hay and grain stock plentiful for supplemental feeding. Livestock should get through the winter in relatively good condition.

WISCONSIN: Temperatures averaged well above normal in west and near normal in east. Late season snowstorm in the southeast on Monday with 6 to 10 inches of snow from Milwaukee south to Illinois line. Light snow and rain most areas on Wednesday. Snow cover settling and melting rapidly. Streams bankfull in south with some minor overflows here and there. Farmers getting machinery, seeds, and chemicals ready. Livestock in good condition.

WYOMING: Scattered light snows statewide. Saratoga had most moisture with 0.21 inch. Temperatures averaged 11° to 21° above normal. Four-week departures 6° to 14° above normal, endangering to early budding shrubs and trees. Maxima were mostly 50's and 60° west of Divide and Upper Platte drainage, 60's and 70's elsewhere. Minima were mostly 15° to 30° west of Divide and Upper Platte Drainage, 20° to 30° elsewhere. Temperature extremes were 78° at Lagrange and Torrington and 15° at Foxpark, Big Piney and Border. Spring plowing and seedbed preparation underway most irrigated areas. Winter wheat making good spring growth. Good progress with calving and lambing. Feed and stockwater supplies adequate. Irrigation water supplies very good.

WATER SUPPLY OUTLOOK FOR THE WESTERN UNITED STATES
Issued as of March 1, 1972

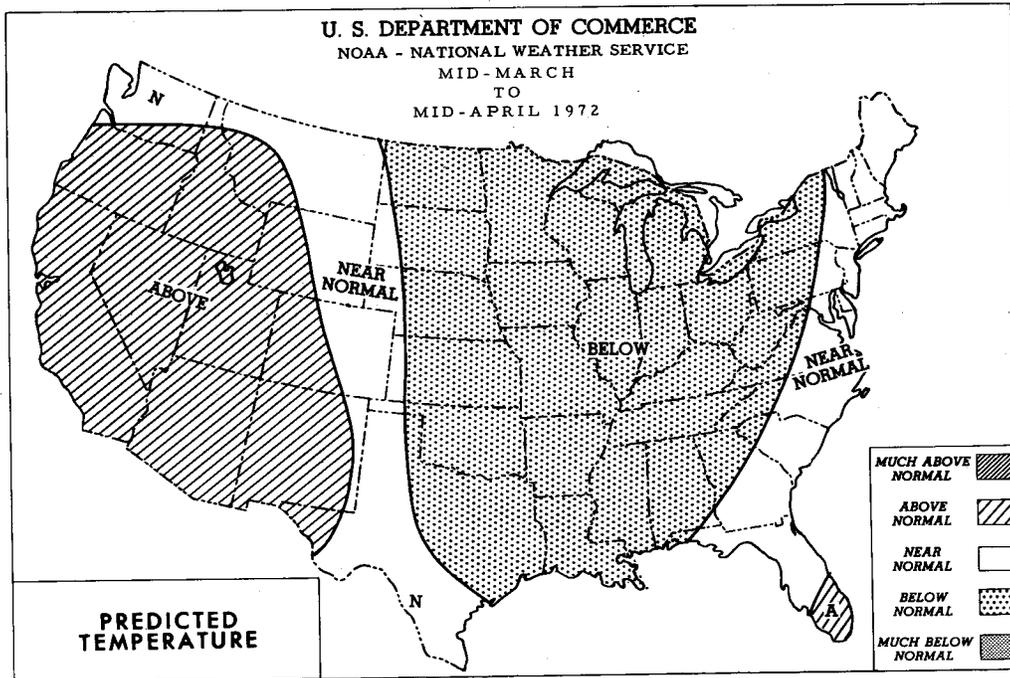
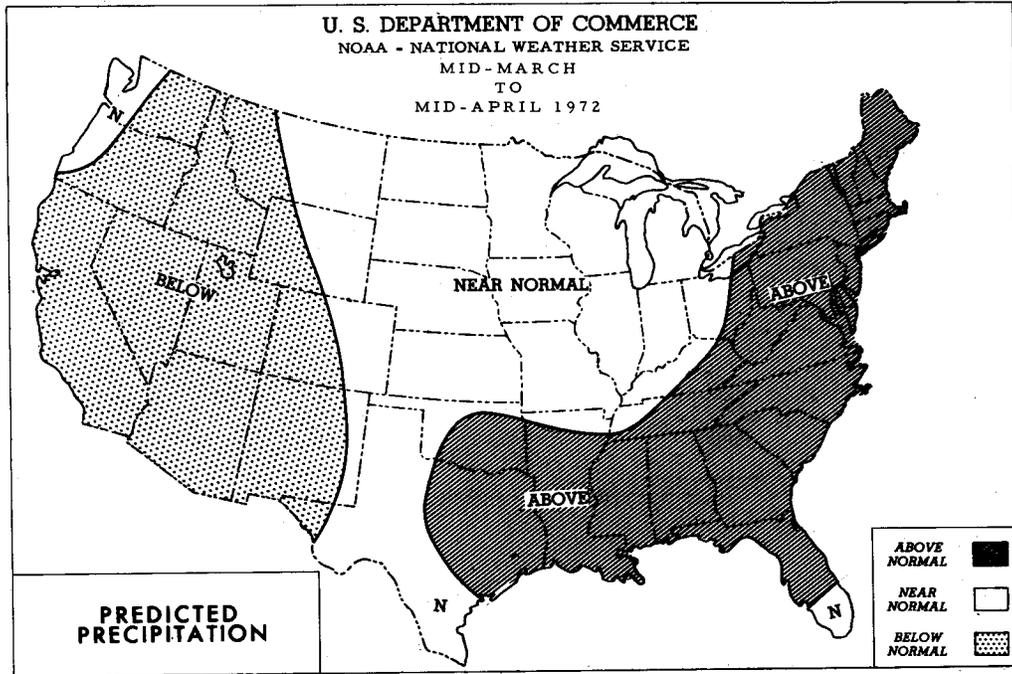
The table below shows the most probable March 1 forecasts in percent of the 15-year (1953-67) average. The most probable runoff forecasts are for the residual period, except water-year for the Sacramento and San Joaquin Basins; April 1 to September 30, 1972, for the Missouri, Yellowstone, and North Platte Basins; November 1, 1971, to June 30, 1972, for the Little Colorado Basin; and March 1 to June 30, 1972, for the Gila Basin. The publication "Water Supply Outlook for the Western United States," issued as of March 1, 1972, contains water supply forecasts for about 375 stations in the Western United States.

River	Station	FCST	%
		1,000 A.F.	15-yr. Avg. +
Columbia	Grand Coulee, Wash.	90,400	125
Columbia	The Dalles, Oreg.	144,000	128
SNAKE	Clarkston, Wash.	37,800	137
SACRAMENTO	Red Bluff, Calif.	6,500	74
SAN JOAQUIN	Big Creek, Calif.	1,100	86
WEBER	Gateway, Utah	570	167
JORDAN	Utah Lake, Utah	397	130
TRUCKEE	Lake Tahoe to Farad	220	71
COLORADO	Lake Powell, inflow	9,700	121
GREEN	Green River, Utah	4,290	137
SAN JUAN	Bluff, Utah	1,170	104
LITTLE COLO.	Woodruff, Ariz.	4	53
GILA	Solomon, Ariz.	40	48
RIO GRANDE	San Marcial, N. Mex.	375	99
ARKANSAS	Pueblo, Colo.	365	102
MISSOURI	Ft. Peck, Mont.	6,490	146
YELLOWSTONE	Sidney, Mont.	9,360	147
NORTH PLATTE	Glendo, Wyo.	839	126

+ Period, 1953-67

Hydrologic Services Division
National Weather Service

AVERAGE MONTHLY WEATHER OUTLOOK



The above prognostic charts show the expected categories of average temperature and total precipitation for the period indicated. They were extracted from the Extended Forecast Division's publication "Average Monthly Weather Outlook" which contains additional information necessary for complete interpretation.

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