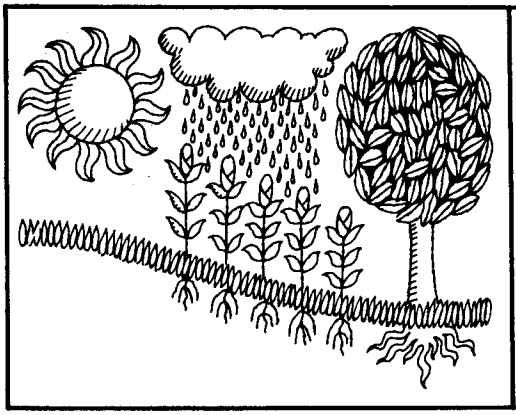

Weekly Weather & Crop Bulletin

U. S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service
U. S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

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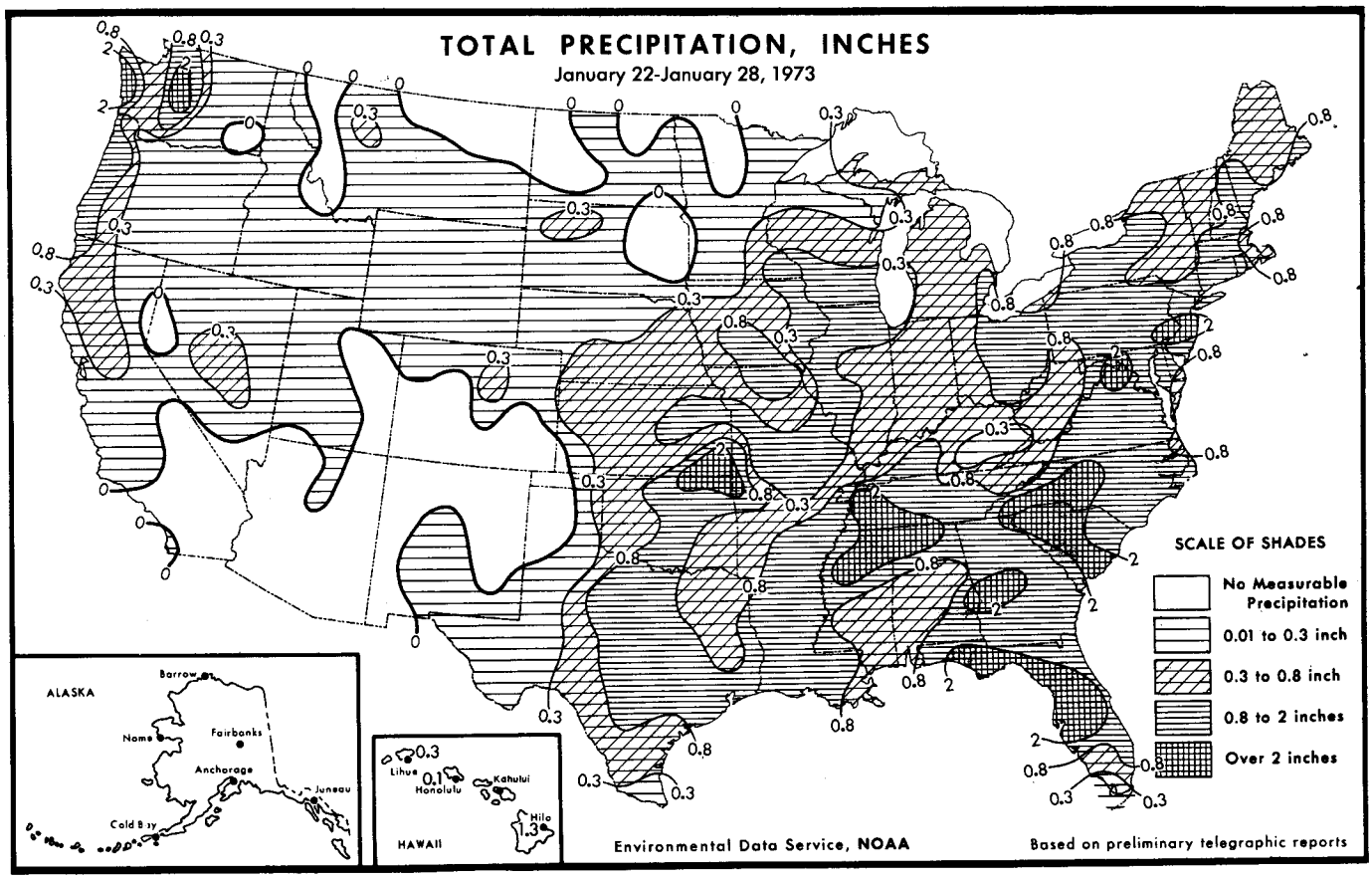


NATIONAL WEATHER SUMMARY

HIGHLIGHTS: Temperatures averaged colder than normal over most of the West and much warmer than normal from the northern Great Plains to New England. Blizzards occurred over the northern and central Great Plains and tornadoes touched down in Florida.

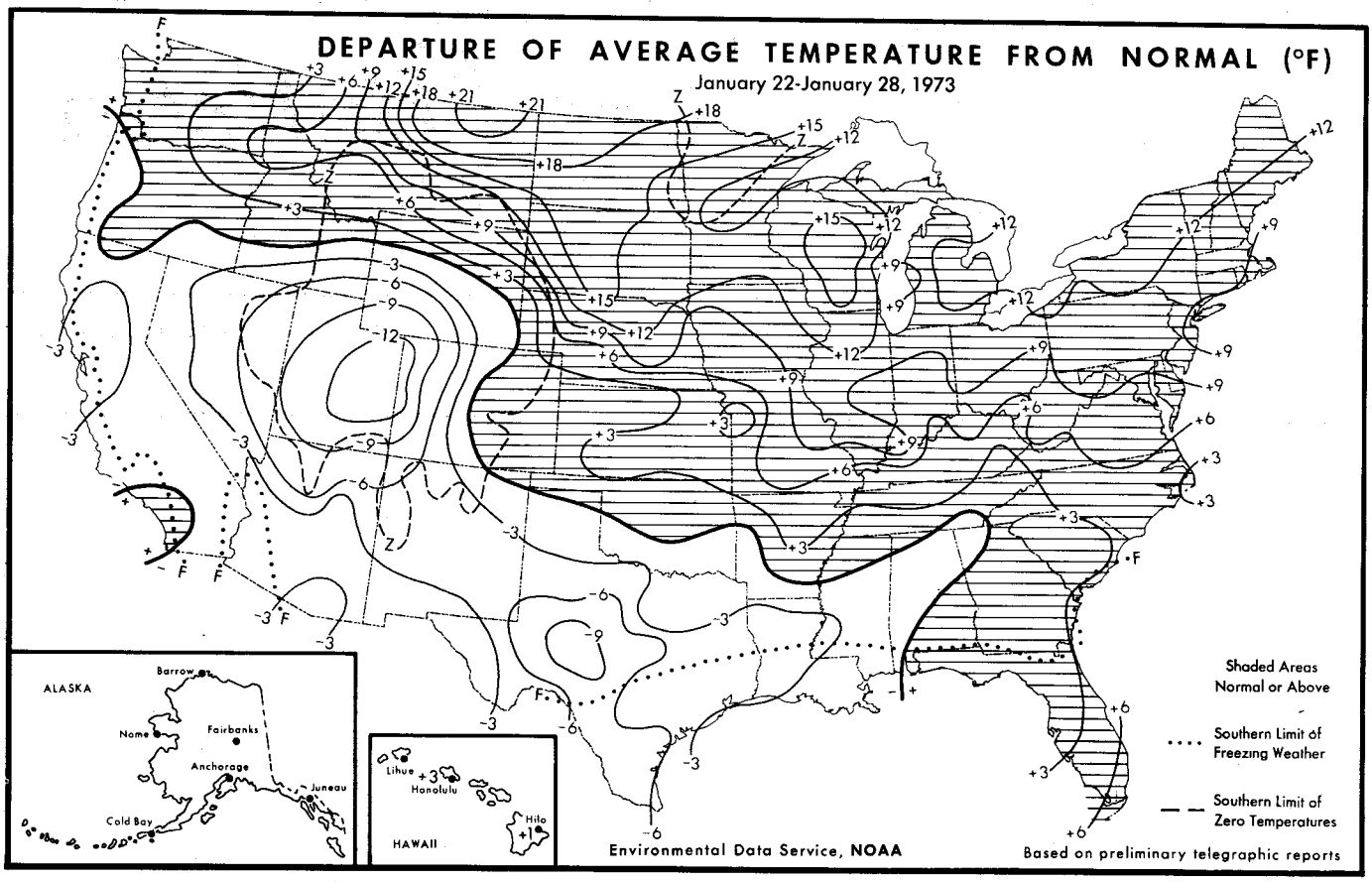
PRECIPITATION: A storm centered over the middle Mississippi River Valley moved northeastward across Upper Michigan early in the week. Snow fell from this storm over the middle and lower Missouri River Valley and rain fell in the warm sector from the Ohio River Valley to New York. Light rain fell along the Texas Coast. Numerous showers fell in the Florida Peninsula and several inches of snow fell in parts of New Mexico.

A Pacific front moved into the Far West Wednesday. It spread clouds and rain along the coast and snow in the nearby hills and mountains. Snow also fell at midweek from the Ohio River across the northern Appalachians to New England. Shortly after midweek, a Low developed in the western portion of the Gulf of Mexico. It caused snow from the Pecos River to the Hill Country Thursday forenoon. In some areas the snow was mixed with freezing rain.

Snow accumulated to 4 inches at San Angelo and vicinity. Cold rain fell from southern Oklahoma and East Texas to the Lower Mississippi River Valley.

As the weekend approached, warm moist Gulf air streamed northward; moderate to heavy rains fell from eastern Texas across the southern Great Plains. Light snow continued in parts of central Texas. The snow, combined in some areas with freezing rain, slicked the highways and made travel hazardous.

The precipitation area spread northward and



eastward and by Sunday, most of the eastern half of the Nation received rain or snow. Snow fell in the Northeast; rain fell south of the Snow Belt. Freezing rain slicked the roads in some spots south of the Snow Belt.

The Pacific Coast received precipitation at midweek-rain along the coast and snow at higher elevations.

Blizzards — cold temperatures, howling winds, and blowing snow with near zero visibility — occurred in the Great Plains Saturday. In some spots, snow drifts became several feet deep. Some roads became impassable. A number of tornadoes struck central Florida Sunday.

TEMPERATURE: Winter temperatures prevailed over much of the Nation early in the week. The mercury at Fraser, Colo., tumbled to 28° below zero Tuesday morning, January 23. Mild temperatures continued in the extreme Southeast early in the week with maximums reaching the 80's over southern Florida. By midweek, morning chill reached northern Florida where, on Thursday, Tallahassee and Jacksonville recorded 35°. Afternoon temperatures remained below freezing in the Great Lakes Region Thursday. A warming trend occurred over the Great Plains at midweek. Thursday was especially mild with temperatures over the northern Great Plains climbing to the 40's and 50's. Rapid City, S. Dak., registered 67° Monday and Imperial, Nebr., warmed to 61° Thursday afternoon. Cold weather returned to mid-America Friday and temperatures over the northern Great Plains remained near or below freezing over the weekend. The cool weather spread eastward and southward. By Sunday afternoon, maximums in the 40's were common. Lafayette, La., registered only 47° Sunday afternoon.

Temperatures over the Far West remained fairly uniform and averaged slightly cooler than normal. Temperatures averaged 6° to 12° below normal over much of the Great Basin. The temperature from the northern Great Plains to New England averaged from 10° to 20° above normal in spite of the week cooling trend.

L. W. Dye

NATIONAL AGRICULTURAL SUMMARY

AGRICULTURAL HIGHLIGHTS: Winter wheat continues in good to excellent condition in the Great Plains with ample moisture supplies. * Harvest of the Nation's corn and soybean crops are nearing the wrap-up stage, but several States continue to lag in soybean combining.

SMALL GRAINS: Winter wheat continues in good to excellent condition throughout the central and southern Great Plains with adequate to surplus soil moisture in most areas. Wheat growth was slow in Kansas and Oklahoma while warm temperatures early last week in Texas revived wheat and oats recovering slowly from past cold weather. Most wheat pastures in the southern Great Plains are still too wet to graze even though limited growth is available. In South Dakota much snow cover has disappeared from fall sown small grain fields as a result of several weeks of above normal temperatures. Snow-cover is poor in northern parts of Montana, but wind damage has been light. Mild temperatures in Washington caused small grain crops to start growing; some reseeding of winter wheat occurred also. In the eastern half of the Nation, small grains are generally in fair to good condition with adequate to surplus soil moisture. Many southeastern farmers were busy during the week topdressing small grain fields.

COTTON: Less than 10 percent of the Nation's cotton acreage remains to be harvested. Cotton harvesting in Texas resumed for only about 1 day last week before rain, ice and snow shut down operations with harvesting 87 percent complete compared to 96 percent at this time last year. Wet fields continued to hamper the completion of cotton harvesting throughout the South. Little headway was made in Mississippi at 91 percent complete and Missouri at 78 percent complete. Cotton harvesting is in the cleanup stage in most other southern States and is virtually complete in the Western States.

OTHER CROPS: Harvesting of the Nation's corn and soybean crops each slowly advanced to over 95 percent complete this past week. In the North Central States, harvest of both crops is about 96 percent complete as ground thawing temperatures slowed farmers' efforts to finish harvesting. In the South, corn picking is virtually complete, but rain and wet fields continue to delay completion of soybean combining, now slightly over 90 percent complete. Wet, soft fields continue to be a problem in all lagging States. Corn and soybean harvesting in Indiana and Ohio is about 95 percent complete while Missouri is about 90 percent complete for each of the two crops. Southern States with sizeable acreages of soybeans still unharvested are Mississippi, Arkansas and North Carolina. Mississippi farmers made good progress combining soybeans during a few days of fair weather last week advancing soybean harvesting to 84 percent complete. About 10 percent of the soybean acreage in Arkansas and North Carolina remains to be harvested. Farmers are still struggling to complete combining of sorghum grain in Kansas, Missouri, Nebraska and Colorado, but muddy fields and snow storms have thwarted their efforts. Southern tobacco growers are busy treating and seeding tobacco beds. Potato digging was slow in the central valley area of California. Sugarcane harvesting continues actively in Florida. Sugar beet planting in Arizona is going very well.

Fruits and Nuts: Florida's citrus trees and fruit conditions are excellent with abundant moisture received from good rains which slowed harvesting. The Texas citrus harvest is running behind schedule from rains and some early oranges are falling off the trees. Harvest of navel oranges is nearly complete in Arizona while the valencia harvest is underway at Yuma. In the San Joaquin Valley of California, selective harvesting of navel oranges continues with cullage remaining high from previous frost damage. Citrus harvesting continues in the desert areas. Pruning of fruit trees was the main activity for fruit growers in many areas of the Country. Grape growers in California and Washington continued to tie and prune grape vines. Buds on almond, peach and plum trees in early areas of California are starting to swell.

Vegetables: Supplies of most Florida vegetables were steady last week as rains in most areas hampered harvesting. Cold weather is expected to limit any increased movement this week. Planting of spring vegetable crops is active as weather permits. Cold weather in Alabama reduced the supply of turnip and collard greens moving to market. In the Texas Lower Rio Grande Valley volume supplies of cabbage are available and moderate supplies of lettuce, spinach and cauliflower are moving to market; carrot digging is increasing. The green leafy vegetable harvest is gaining momentum again in the San Antonio-Winter Garden area. Mixed vegetables and lettuce harvesting continued in Arizona. Lettuce harvesting is active in the Imperial Valley of California; but the early Blythe lettuce harvest is complete. Supplies of asparagus are increasing in southern California; broccoli and cauliflower are light in the central coast area.

PASTURES AND LIVESTOCK: Farmers in the South Atlantic States were busy last week topdressing small grain and winter pastures which are generally in fair to good condition throughout this region. Farmers in most South Central States are finding it difficult to spread lime, fertilizer and manure because of wet, boggy fields. Winter pasture conditions in this region are fair to good, but cold, wet weather has slowed pasture growth in Texas, Oklahoma, Arkansas and Louisiana. Most small grain pastures in this area are too wet to graze and cattle are requiring heavy supplemental feeding to maintain them in fair to good condition. Moving up into the North Central Region, very muddy conditions in fields and feedlots continue to plague livestock, making their care and feeding difficult. Most stock remain in fair to good condition with heavy supplemental feeding required. In the Western States, good grazing conditions prevail only in the extreme southern portion; supplemental feeding is widespread and colder than usual weather continues to plague stockmen in Utah, Nevada and southern Idaho.

Arlon M. Scott
Agricultural Statistician

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Jan. 28, 1973

States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure*	Total	Departure*
ALA.Birmingham. . .	45	- 2	.6	- .5
Mobile.	54	0	.4	- .6
Montgomery. . . .	50	+ 1	.7	- .2
ALASKA.Anchorage. .	--	---	---	----
Barrow.	--	---	---	----
Fairbanks	--	---	---	----
Juneau.	--	---	---	----
Nome.	--	---	---	----
ARIZ.Flagstaff. . .	21	- 6	.1	- .3
Phoenix	49	- 1	T	- .1
Tucson.	45	- 5	T	- .2
Winslow	31	- 1	0	- .1
Yuma.	53	- 1	0	- .1
ARK.Fort Smith. . .	39	- 1	.3	- .3
Little Rock . . .	44	+ 3	.9	- .3
CALIF.Bakersfield .	47	- 1	.3	+ .1
Eureka.	47	- 1	.6	- .9
Fresno.	45	- 2	.2	- .3
Los Angeles . . .	57	+ 1	0	- .6
Red Bluff	42	- 4	.3	- .7
San Diego	55	0	T	- .4
San Francisco . .	45	- 4	.2	- .7
Stockton.	41	- 4	.4	- .2
COLO.Denver	29	+ 1	.3	+ .1
Grand Junction. .	12	-14	T	- .2
Pueblo.	32	+ 1	T	- .1
CONN.Bridgeport . .	37	+ 7	---	----
Hartford.	37	+10	1.2	+ .4
D.C.Washington. . .	45	+ 8	1.4	+ .6
FLA.Apalachicola. .	--	---	---	----
Ft. Myers	71	+ 7	1.2	+ .8
Jacksonville. . .	--	---	---	----
Key West.	76	+ 6	.3	0
Lakeland.	65	+ 3	2.8	+2.3
Miami	75	+ 8	.4	- .1
Orlando	--	---	---	----
Tallahassee . . .	54	0	2.2	+1.4
Tampa	53	+ 2	2.4	+1.9
GA.Atlanta.	46	+ 1	.8	- .3
Augusta	50	+ 2	1.5	+ .8
Macon	51	+ 1	2.4	+1.6
Savannah.	56	+ 4	1.5	+ .9
HAWAII.Hilo	72	+ 1	1.3	-1.2
Honolulu.	75	+ 3	.1	- .8
Kahului	--	---	---	----
Lihue	--	---	---	----
IDAHO.Boise	30	+ 1	.2	- .1
Lewiston.	37	+ 7	T	- .3
Pocatello	17	- 5	.2	- .1
ILL.Cairo	43	+ 5	.6	- .6
Chicago	37	+11	.3	- .1
Moline.	34	+12	T	- .3
Peoria.	36	+10	.4	0
Rockford.	35	+13	.2	- .3
Springfield . . .	37	+ 9	.1	- .3
IND.Evansville. . .	45	+11	.5	- .5
Fort Wayne. . . .	36	+ 9	.4	- .2
Indianapolis. . .	37	+ 7	.5	- .3
South Bend. . . .	37	+11	.4	- .1
IOWA.Burlington . .	35	+11	.2	- .2
Des Moines. . . .	--	---	---	----
Dubuque	33	+14	.3	- .1
Sioux City. . . .	27	+ 8	.4	+ .2
KANS.Concordia. . .	--	---	---	----
Dodge City. . . .	35	+ 4	.3	+ .1
Goodland.	30	+ 2	.5	+ .4
Topeka.	34	+ 5	.1	- .1
Wichita	35	+ 3	.3	+ .1
KY.Lexington. . . .	41	+ 6	.3	- .9
Louisville. . . .	41	+ 6	.7	- .3
LA.Baton Rouge. . .	52	- 2	.9	- .2
Lake Charles. . .	50	- 4	1.5	+ .5
New Orleans . . .	53	- 2	.7	- .2
Shreveport. . . .	44	- 4	1.6	+ .5
MAINE.Caribou . . .	--	---	---	----
Portland.	32	+10	.8	- .2
MD.Baltimore. . . .	--	---	---	----
MASS.Boston	39	+ 9	.6	- .3
Chatham	39	---	.6	----
MICH.Alpena	31	+11	.5	+ .1
Detroit	--	---	---	----
Flint	36	+14	.8	+ .4
Grand Rapids. . .	34	+10	.4	0
Houghton Lake . .	31	+12	.5	+ .1
Lansing	--	---	.4	- .1
Marquette	29	+10	.5	+ .1
Muskegon.	34	+ 8	.2	- .3
S.Ste.Marie . . .	26	+10	.4	- .1
MINN.Duluth	21	+12	.2	- .1
Internatl Falls .	20	+17	.1	- .1
Minneapolis . . .	26	+14	.3	+ .1
Rochester	25	+12	.3	+ .1
St. Cloud	20	+11	.2	+ .1
MISS.Jackson. . . .	46	- 3	.4	- .7
Meridian.	47	- 2	.4	- .7
MO.Columbia	38	+ 9	.5	+ .1
Kansas City . . .	34	+ 2	.2	- .2
St. Louis	41	+10	.2	- .2
Springfield . . .	40	+ 6	.2	- .3
MONT.Billings . . .	29	+ 7	.6	+ .5
Glasgow	29	+21	0	- .1
Great Falls . . .	32	+11	.3	+ .2
Havre	32	+20	T	- .1
Helena.	23	+ 5	.2	+ 1
Kalispell	24	+ 4	0	- .3
Miles City. . . .	30	+15	.1	0
Missoula.	27	+ 8	T	- .2
NEBR.Grand Island .	32	+10	.4	+ .3
Lincoln	31	+ 6	.3	+ .1
Norfolk	30	+11	.5	+ .3
North Platte. . .	28	+ 4	.4	+ .3
Omaha	29	+ 8	.4	+ .2
Valentine	35	+16	.2	+ .1
NEV.Ely	15	- 7	.2	0
Las Vegas	42	- 1	T	- .1
Reno.	29	- 2	T	- .3
Winnemucca. . . .	22	- 6	.1	- .1
N.H.Concord	29	+ 7	.8	0
N.J.Atlantic City .	46	+11	1.4	+ .5
Trenton	42	+ 9	2.2	+1.3
N.MEX.Albuquerque .	32	- 4	.1	0
Roswell	--	---	---	----
N.Y.Albany.	34	+11	.4	- .2
Binghamton. . . .	36	+12	.5	- .1
Buffalo	36	+12	.8	+ .2
New York.	42	+ 8	1.9	+1.1
Rochester	--	---	---	----
Syracuse.	37	+13	1.0	+ .3
N.C.Asheville . . .	42	+ 2	2.1	+1.4
Charlotte	46	+ 3	2.3	+1.6
Greensboro. . . .	44	+ 4	2.3	+1.5
Hatteras.	50	+ 3	1.3	+ .4
Raleigh	48	+ 6	1.3	+ .5
Wilmington. . . .	53	+ 5	1.5	+ .9
N.DAK.Bismarck. . .	25	+17	T	- .1
Fargo	19	+13	T	- .1
Williston	26	+19	T	- .2
OHIO.Akron-Canton .	39	+11	.8	+ .1
Cincinnati. . . .	38	+ 7	.7	- .3
Cleveland	38	+10	.8	+ .2
Columbus.	39	+ 9	.9	+ .1
Dayton.	39	+10	.6	- .2
Toledo.	36	+10	.7	+ .2
Youngstown. . . .	36	+ 9	.8	+ .1
OKLA.Okla. City . .	38	+ 1	.8	+ .5
Tulsa	39	+ 3	.7	+ .3
OREG.Astoria. . . .	41	0	.7	-2.0
Burns	24	0	.1	- .3
Medford	38	+ 2	.3	- .4
Pendleton	35	+ 4	T	- .3
Portland.	40	+ 2	.2	-1.0
Salem	38	- 1	.9	- .5
PA.Allentown. . . .	39	+10	1.8	+1.1
Erie	38	+13	.7	0
Harrisburg. . . .	42	+11	1.9	+1.2
Philadelphia. . .	44	+11	2.2	+1.4
Pittsburgh. . . .	39	+10	.8	+ .1
Scranton.	37	+10	1.0	+ .5
R.I.Providence. . .	38	+ 9	1.3	+ .4
S.C.Charleston. . .	54	+ 3	2.2	+1.7
Columbia.	49	+ 1	2.1	+1.4
Greenville. . . .	47	+ 2	2.2	+1.3
S.DAK.Aberdeen. . .	26	+15	T	- .2
Huron	24	+13	T	- .1
Rapid City. . . .	33	+12	T	- .1
Sioux Falls . . .	27	+13	T	- .2
TENN.Chattanooga. .	41	- 2	1.1	- .2
Knoxville	44	+ 2	.7	- .4
Memphis	43	+ 1	1.0	- .4
Nashville	44	+ 4	1.1	- .2
TEX.Abilene	37	- 8	1.4	+1.3
Amarillo.	35	- 2	T	- .1
Austin.	47	- 4	1.0	+ .5
Beaumont.	49	- 5	1.4	+ .5
Brownsville . . .	56	- 6	T	- .3
Corpus Christi. .	52	- 6	.6	+ .3
Dallas	44	- 2	1.3	+ .8
Del Rio	47	- 5	.4	+ .2
El Paso	42	- 1	T	- .1
Fort Worth. . . .	44	- 2	1.3	+ .8
Galveston	53	- 2	1.3	+ .5
Houston	47	- 5	.9	+ .1
Lubbock	36	- 4	.3	+ .2
Midland	37	- 8	.1	- .1
San Angelo. . . .	39	- 9	.7	+ .5
San Antonio . . .	47	- 5	1.1	+ .7
Victoria.	50	- 6	.8	+ .3
Waco.	42	- 6	1.6	+1.1
Wichita Falls . .	40	- 4	1.0	+ .7
UTAH.Blanding . . .	19	- 9	0	- .2
Salt Lake City. .	19	- 8	T	- .3
VT.Burlington . . .	29	+13	.4	0
VA.Lynchburg. . . .	44	+ 6	1.9	+1.1
Norfolk	47	+ 6	1.1	+ .3
Richmond.	45	+ 6	1.5	+ .7
Roanoke	46	+ 8	1.3	+ .6
WASH.Colville . . .	26	+ 2	.1	- .3
Omak.	24	+ 2	T	- .3
Quillayute. . . .	40	+ 1	3.2	-1.2
Seattle-Tacoma. .	40	+ 2	.4	- .9
Spokane	30	+ 5	T	- .5
Walla Walla . . .	36	+ 3	T	- .4
Yakima.	31	+ 3	T	- .3
W.VA.Beckley. . . .	40	+ 6	T	- .2
Charleston. . . .	44	+ 7	.6	- .4
Huntington. . . .	41	+ 4	.4	- .5
Parkersburg . . .	41	+ 6	1.0	+ .2
WIS.Green Bay . . .	31	+15	.7	+ .4
La Crosse	28	+12	.2	- .1
Madison	33	+16	.3	0
Milwaukee	34	+14	.2	- .2
WYO.Casper.	22	- 1	.1	0
Cheyenne.	23	- 1	.1	0
Lander.	13	- 6	.1	0
Sheridan.	27	+ 7	.1	0
P.R. San Juan . . .	79	+ 4	.5	- .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 office of the Statistical Reporting Service, U.S.D.A. in cooperation with NOAA Climatologists.

ALABAMA: Mostly fair until showers over State Thursday night and Friday and again weekend. Rainfall averaged about 0.75 inch. Temperatures a few degrees above normal until colder Sunday. Warmest day was Monday. Extremes for week: High of 72° Monday at Mobile, low 25° Wednesday morning at Muscle Shoals. Limited progress made with fieldwork as open weather prevailed until late in week. Additional amounts of cotton, corn, and soybeans harvested. Soil moisture adequate to mostly surplus. Small grains made fair to good recovery from earlier cold temperatures. Good progress made in planting Irish potatoes in Baldwin County. Turnip and collard greens moved to market, but supply reduced by recent cold weather. Livestock remain in fair to good condition. Stored feed supplies dwindling as heavy supplemental feeding continues. Marketing of cattle and calves well above last week and year earlier.

ARIZONA: Temperatures averaged below normal throughout State. Showers occurred over all except southeastern and southwestern areas on 26th with measurable amounts only northeastern, northwestern, and east-central sections. Cotton harvest about complete. Sugar beet planting going very well. Small grain, safflower planting progressing normally. Alfalfa hay activity at seasonal low. Some field renovation taking place. Many Salt River Valley fields pastured by sheep. Lettuce harvest continued Yuma. Harvest mixed vegetables continued Yuma, Salt River Valley. Lettuce for spring harvest making good progress central areas. Preparation for cantaloupe planting underway. Lemon harvest nearly complete Yuma. Limited grapefruit harvest continued Yuma, Salt River Valley. Harvest of navel oranges nearly complete. Valencia harvest underway Yuma. Ranges good; rain, snow fell scattered range areas past week. Stockwater supplies adequate to surplus. Cattle, calves good statewide. Sheep, lambs on winter pastures fair to good.

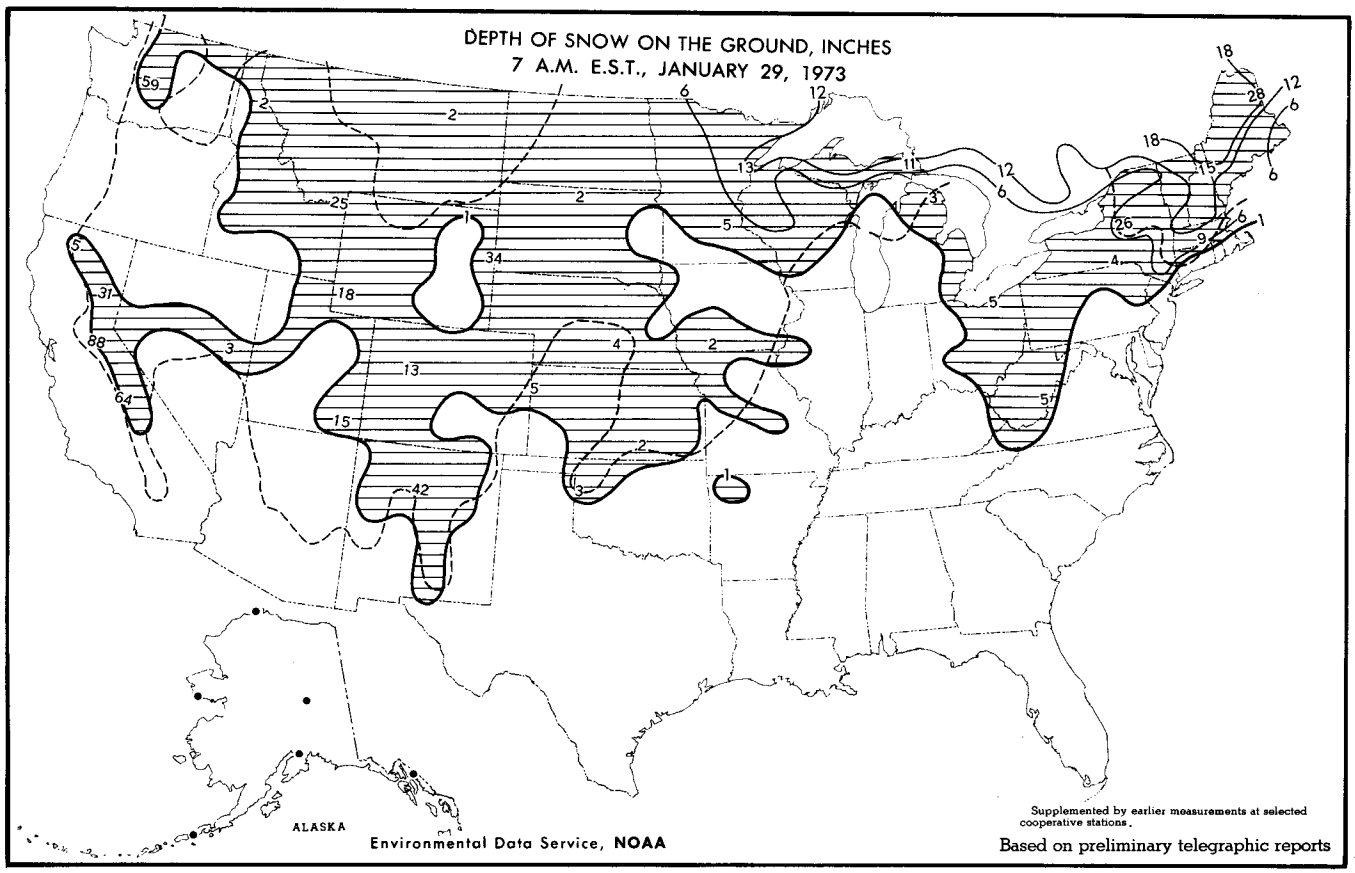
ARKANSAS: Temperatures ranged from 3° above normal to 4° below normal. Above-normal temperatures mostly in northeastern half of State. Warming trend early in week with near cold wave on weekend. Highest 65° at Batesville and Hot Springs on 24th. Lowest 12° at Calico Rock and Harrison on 29th. Weekly precipitation totals from near 1.00 inch to 1.38 inches southeastern half of State and from 0.11 inch to just under 1.00 inch in northwestern half. Largest weekly amount, 1.38 inches, at Jonesboro. Smallest 0.11 inch at Gilbert. Most precipitation fell in latter half of week, generally as rain except in northern border sections where few locations had up to 1 inch of snow. Conditions permitted very limited fieldwork; rains continued to keep fields too wet to support equipment. Cotton picking around 95% complete and soybean combining about 90% finished. Unharvested crops continue to deteriorate. Small grains fair to good condition. Very little growth from pastures and grazing crops. Cattle requiring heavy supplemental feeding.

CALIFORNIA: Light precipitation fell several days northern half of State. Temperatures averaged 3° to 5° below normal, with greatest negative departures in interior mountain and desert basins. Below-freezing minimums low elevation locations, mostly during midweek. Cold, wet weather slowed small grain crops; some planting delayed; wheat, barley, oats. Cotton-picking, disking, shredding continue; land preparation for 1973 crop underway. Tying, pruning grapes continue as weather permits. Buds early; almond, peach, plum, starting to swell early areas. San Joaquin selective harvest navel oranges; groves light frost damage apparent and cullage remains high. Picking lemons San Joaquin Valley remains active. Harvest grapefruit, tangerines remains seasonally active desert. Asparagus increasing southern California. Broccoli and cauliflower light central coast; limited cauliflower southern San Joaquin Valley. Carrots continue desert, southern San Joaquin Valley. Celery about steady southern California. Lettuce active Imperial Valley, early Blythe deal complete. Potato slow Central Valley. Strawberries light San Diego. Rains stimulating growth low elevation pastures, reduced supplemental feeding. Calving continues in central valley, southern California. Lambing, no unusual losses. Egg production seasonally low. Preparation for next turkey crop continues.

COLORADO: Snow beginning and end of week; sunny and mild few days. Heaviest snows east. High winds caused some severe drifting and ground blizzards end of week. Corn and sorghum grain harvest progressed slowly; most areas in cleanup stage. Muddy condition limiting extensive fieldwork. Winter wheat and barley condition good to excellent. Soil moisture supply adequate to surplus. Range and pasture condition poor to fair. Additional corn and sorghum stubble fields being utilized relieving strain on existing feed supplies. Winter wheat pasture limited by boggy fields. Livestock condition poor to fair.

FLORIDA: Temperatures averaged near normal although there were cold frontal passages both early and late in week. Occasional tornadoes and heavy rain accompanied frontal passages with rainfall totals averaging over 2.00 inches north and central Florida and near 1.00 inch south Florida. Soil preparation for seeding spring crops active. Sugarcane harvest continues. Excessive moisture limiting utilization of winter pastures. Cattle condition declining seasonally, supplemental feeding moderate. Citrus trees and fruit condition excellent. Moisture condition very good due to 2 day-long rains. Harvesters slowed by inclement weather. Supplies of most vegetables were steady last week as rains in most areas hampered harvesting. Cold weather is expected to limit any increased movement this week. Planting of spring crops active as weather permits. Watermelon seeding progressing into north-central counties.

GEORGIA: Sunny mild days and cool nights first half of week. Cloudy last half with light to locally moderate rain Friday through Sunday. Turning cold again late Sunday. Rainfall amounts ranged mostly from 0.75 to 1.00 inch but reached 2.00 inches at a few places. Temperatures averaged near to slightly warmer than normal. Daily highs were mostly in 50's and 60's and lows in



30's and 40's. Soil moisture adequate to excessive most of week. Land preparation active on well-drained east-central areas until weekend rains caused soil moisture excesses all areas. Small grains topdressing continued most areas. Small grain condition fair to good. Tobacoo beds fair to mostly good. Wet soils delaying fumigation in southwest.

HAWAII: Partly cooudy weather with scattered light showers. Crop progress continued fair to good with irrigation. Insect and disease damages light. Harvesting most crops about normal this time of year. Supplies of vegetables and fruits adequate. Pasture condition fair to good with ample soil moisture. Cattle in fair to good condition.

IDAHO: Temperatures remained stable over State with temperatures cooled east averaging 2° to 6° below normal. Elsewhere temperatures averaged normal to 8° above. Precipitation light and less than 0.25 inch except at Parma with 0.36 inch, and Aberdeen with 0.26 inch. Snow depth did not change significantly except in Sun Valley area, south portion of central mountains, where the increase was from 13 to 27 inches. Weather conditions favorable for calving and lambing which are picking up, but not yet in full swing. Hay requirements increasing with more nursing cows on hand. Grain and potato marketing continues.

ILLINOIS: Weekly temperature averages ranged from 5° to 13° above normal with maximum temperatures reaching into 50's over most of State. Precipitation totals through Friday were generally around 0.50 inch or less except in extreme southern tip of State where a few stations reported over 1.00 inch of rain. Feedlots muddy from thawing causing some problems. Routine farm chores, machinery maintenance.

INDIANA: Warm week. Temperatures averaged 8° above normal and ranged from 50's at midweek to 17° on weekend. Soils thawed, then surface refroze but rural roads were damaged. Precipitation averaged 0.75 inch. Some snow over central and north. Two days suitable for fieldwork. Topsoil and subsoil moisture adequate to surplus. Thawed fields still a limit ng factor in completing harvest. Corn 95% harvested, 6 weeks behind average. Soybeans 95% harvested, 10 weeks behind average. Sorghum grain, 95% combined. Plowing for spring-seeded crops still only 15% complete.

IOWA: Temperatures averaged about 10° above normal. Precipitation falling mostly as snow was above normal over southwest and subnormal elsewhere. Snow up to 10 inches fell early in week over southwest, west-central, central, and north-central. Amounts up to 3 inches fell at weekend. Mild at midweek, near normal at weekend with maxima to 59° at Burlington.

KANSAS: Cold first of period but warming trend pushed maxima to 50's and 60's by 25th. Generally fair until complex weather system late in week brought cloudy, cold, and snowy weather to State. Blizzard to near blizzard some areas 27th as winds 30 to 50 m. p. h. caused considerable blowing and drifting snow. One to 3 inches of snow most of State from this storm. Temperatures averaged 2° to 7° above normal. Snow, rain, and mud continued to hamper farmers and ranchers; most unharvested fields remain extremely muddy. Some combining of

sorghum mostly in western half of State. Wheat generally good to excellent condition, growth slow. Moisture supplies adequate to excessive. Grazing in wheat fields increased slightly, but most fields still too wet. Supplemental feeding continued heavy but hampered by muddy conditions. Livestock showed general improvement although some scouring problems in calves.

KENTUCKY: Temperatures averaged 4° to 9° above normal. Precipitation ranged from 0.28 inch to 0.83 inch, least in east. Temperatures above to much above normal until turning colder last day; maxima in 50's and 60's 22d and 25th. Sunny 24th and 25th; cloudy other 5 days with rain 1 or more areas; rain turning to snow in most areas on 28th, no appreciable accumulation. Winter grains appear in satisfactory condition, but many farmers didn't get all intended acreage seeded because of late corn and soybean harvest. Wet and soft fields are making it difficult to spread lime, fertilizer, and manure. Cattle doing well, strong demand for hay. High feed cost and high selling price of cows for beef causing some operators to cull closely.

LOUISIANA: Temperatures averaged 2° to 6° below normal. Weather was mild to cool through week with rain statewide Thursday. Sharply colder air preceded by thunderstorms moved across State Sunday with strong gusty winds. Temperature extremes were 75° at Amite on Thursday and 23° at Ashland and Cotton Valley Wednesday. Weekly rain totals from near 0.50 to 1.50 inches. Greatest 1-day total, 1.17 inches measured at Shreveport Friday morning. Fieldwork still limited by excessive moisture. Some cotton harvested on the ridges and some soybeans mudded out. Daily chores, field drainage, cleaning and repairing equipment, care of livestock main activities. Winter pastures soggy and short, some were topdressed during the week. Supplemental feed of livestock heavy, hay getting scarce. Condition of livestock fair to good.

MARYLAND AND DELAWARE: Very mild for 2d consecutive week with temperatures averaging 6° to 8° above normal. Extremes upper 50's to low 60's on 26th, 15° to 25° on 21st except 9° to 15° in Garrett County. Precipitation on 22d, 0.25 to 0.75 inch and again on 27th to 28th, 1.00 to 2.00 inches generally as rain except for some light snow on 28th. Winter grain fields show wide variation due to time of seeding; no winter damage to date. Orchard pruning and other work ahead of normal progress. Tobacco growers preparing seedbeds and a few have been seeded.

MICHIGAN: Mild early and again after midweek, turning colder as week ended with light rain or snow. Highest temperatures 40's north to upper 50's south. Temperatures averaged 10° to 12° above normal Upper Peninsula, 9° to 14° above normal Lower Peninsula. Precipitation totals mostly 0.25 to 0.50 inch over State. Continued open weather allowed some progress for delayed harvest of corn and soybeans.

MINNESOTA: Second consecutive hot week with temperatures averaging 14° above normal. Extremes: 52°, -13°. Generally 0.25 inch southeast of a line from Luverne through Twin Cities while rest of State received about 0.10 inch. Snow cover: Little to none in south; more than 12 inches in northeast while rest of State varies from 3 to 9 inches.

MISSISSIPPI: Most stations reported 3 days of rain. A few scattered showers on 20th in west. In afternoon and at night, and on 21st, moved out of State in late afternoon. Some wind damage at Hattiesburg and Bay St. Louis. Heavy rains in excess of 3.00 inches caused some flash flooding over portions of northwest. Fair weather a few days. Amounts of rain on Friday morning were generally under 0.50 inch. Temperatures warmed and weekly averages were a few degrees above normal. Over weekend, widespread light rain and some light snow northern portion of State. Soil moisture surplus to excessive northern 2/3, adequate to surplus elsewhere. Days suitable for fieldwork average 2. Harvesting of soybeans advanced to 84% complete and cotton to 91%. Hay and rough supplies short to adequate. Feed grain supplies mostly short. Small grains mostly in fair condition. Pasture condition poor to fair. Livestock fair to good.

MISSOURI: Second straight week of springlike weather. Temperatures well above normal most of week. Sharply colder end of period. Nighttime temperatures above freezing most of week. Heavy showers early in week and lighter showers at end of week. Rainfall amounts ranged from over 1.00 inch southeast to above 0.50 inch northwest. Warm temperatures created soft muddy conditions. Only 1/2 day suitable for fieldwork. Corn 90% harvested, soybeans 89% harvested, grain sorghum 90% harvested. All were up 1 point from last week. Cotton 78% harvested, up 4 points from week ago. Wheat in fair to good condition. Topsoil moisture 13% adequate and 87% surplus.

MONTANA: Temperatures again averaged above normal. Over northern portions, temperatures averaged 20° above normal, 15° above over southeast, and 4° to 8° above elsewhere. Very mild first of week turning colder at end of week. No precipitation over western and northern sections. More than normal precipitation at end of week with amounts generally 0.20 to 0.50 inch. Some snow cover over the plains by the end of the week. Winter wheat condition fair to good; mostly good north-central and northeast. Snow cover protection poor north-central and northeast, fair elsewhere; wind damage light. Grazing difficult portions northwest and southern 1/2, open elsewhere. Nearly all range livestock receiving supplemental feed.

NEBRASKA: Week began and ended with cold stormy weather with a mild spell in between. A complex winter storm on 20th to 21st left 3 to 8 inches of snow in east and north. The second storm on 26th and 27th with 31 to 50 m.p.h. winds north to northwest dropped 1 to 6 inches of snow, the larger amounts in Panhandle. Average weekly temperatures ranged from 2° to 12° above normal; the warmest day was 25th when maxima rose to 50's most sections. Additional rain and snow during past week coupled with already water-logged fields make completion of the corn and sorghum harvest impossible. Corn harvest remains at 97% complete; some harvesting took place during week, but on limited scale. Most unharvested corn is in east-central district. Grain sorghum harvest remains at a standstill at 92% complete. Unharvested sorghum concentrated in east-central and southeast districts. Winter wheat crop in good condition. Very muddy conditions in fields and feedlots continue stress on livestock. Supplemental feeding difficult because of muddy conditions.

NEVADA: Cold week with temperatures averaging 5° to 8° below normal all divisions from 3° below normal at Las Vegas to 14° below at Fallon. General light precipitation over State. Light snowfall all divisions except extreme southern. Ranchers experiencing some difficulties feeding and caring for livestock in some localities, but in general livestock wintering in fairly good condition. Feed and water supplies generally adequate most areas, but shortage of hay could exist later in feeding season.

NEW ENGLAND: Second unseasonably warm week in a row. Means mostly 10° to 15° above normal. Thawing every day in south and overnight at least once even in north. Major storm occurring nearly all as rain even in north on 22d to 23d. A second storm in progress at week's close, with rain in extreme southeast but with mostly 5 to 10 inches new snow inland in central and south by Monday morning but less in north where storm began later.

NEW JERSEY: A warm wet week with temperatures averaging from 7° to 11° above normal. Readings varied from upper 50's on 22d to the low 20's on 25th. Rainfall throughout State at start of week and very heavy rain again at end of week. Amounts averaged about 2.80 inches over entire State. Weekly totals varied from 2.00 inches to 3.80 inches. The storm overnight on 28th dumped snow over central and northern portions of State with as much as 13 inches in extreme northwest.

NEW MEXICO: Light showers most frequent Monday and Friday with measurable amounts mostly as snow in northern mountains and eastern plains. Much below normal average temperatures with greatest departures more than 10° in northwest. Warming midweek. Cooling to minimum temperatures most areas Sunday. Cleanup harvest, preparations for spring plantings accelerated under open weather. Some cotton fields turned to stock grazing. Stock, ranges generally good. Supplemental feeding necessary to maintain condition.

NEW YORK: Temperature very mild for second week although trend to much colder night of 28th. Maximums upper 40's to low 50's on 22d and 26th with mostly 35° to 45° rest of week. Coldest minimums on 25th with +5° in Saint Lawrence Valley and upper teens to mid-20's southern Upstate. Precipitation as rain early week totaled 0.30 to 0.60 inch except up to 0.80 inch northwest. Coastal storm on 27th and 28th yielded 2.00 inches or more of rain to Long Island and 0.60 to 1.20 inches in Hudson Valley. Remaining areas precipitation was light to moderate and included 2 to 5 inches of snow much of Upstate. Snow cover in Adirondacks reduced by 1/3 before storm on 28th.

NORTH CAROLINA: Temperatures averaged above normal with highs mostly 60's and lows mostly 30's. Rain 22d and again over weekend. Totals averaged 2.00 inches mountains and 1.00 inch elsewhere. Good outdoor weather 23d through 26th. Farm activities gaining momentum due to fair weather and drier fields. Growers averaged 1.9 days in fields mainly harvesting corn, soybeans, and cotton. Soybeans 90% combined, cotton 95% picked. Small grains good shape. Pastures generally fair to good, sustained damage in some low-lying areas due excessive moisture. Feed grains, roughage generally adequate. Farmers topdressing grain and pastures, tobacco plant bed preparation, ditch bank mowing, pruning fruit trees, transplanting cabbage.

NORTH DAKOTA: Second consecutive week of much above normal temperatures. Averages 15° to 20° above normal. Sunny except occasional light snow flurries Monday and first part of weekend. Precipitation totals less than 0.10 inch. Snow cover 1 to 3 inches in east, none in west. Temperatures continue unusually mild. Snow cover disappearing many areas with some blowing topsoil. Livestock in good condition and feed supplies should be adequate. Farmers only doing livestock chores, hauling grain and year end bookwork.

OHIO: A week of weather contrasts in Ohio. High temperatures reached lower 60's on 22d and 26th and mid- and upper 50's on 25th and 27th. Highs on 23d, 24th, and 28th were mostly in 30's and 40's. Minimum temperatures ranged from mid-20's to mid-40's. The 24th and 25th were clear spring-like days in Ohio. Rain and snow fell on all other days. The only significant snowfall amounts occurred Sunday night and Monday morning. Cleveland reported 5 inches on ground and there were 2to 5 inches in "Snow Belt." Mild weather made fence and building maintenance more pleasant. Special attention is still being given to the storage of corn and soybeans. Harvest of corn and soybeans was slow in many areas due to soft ground. Other activities include machinery repair and care of livestock.

OKLAHOMA: Temperatures averaged near normal except 4° below normal south-central and 4° above normal northeast. Precipitation averaged from 0.30 inch Panhandle to 0.90 inch south-central. Snow on 27th northwest with up to 7 inches in Panhandle and drifting from strong winds. During past week, mud throughout State made fieldwork nearly impossible and sharply cut into any marketing activities. Wheat made some growth, but grazing is light because of soft ground. Any available range feed was further deteriorated by rain and snow. Heavy feeding cutting into feed supplies. Cattle condition up slightly as temperatures more seasonal.

OREGON: Windy with rains first and last of week, sharp cooling at close. Temperatures averaged 1° to 5° below normal southwestern 1/3 of State, 1° to 5° above normal elsewhere. Minima 5° to 27° eastside, 20° to 36° westside with coast 26° to 31°. Maxima 38° to 61°. Supplemental livestock feeding continues heavy, feed supplies adequate at present time. Calving and lambing continue. Orchard pruning is main activity for fruit growers. Field crop spraying continued as weather permitted. Normal movement of potatoes and onions from storage.

PENNSYLVANIA: Second consecutive very mild week. Temperatures 7° to 9° above normal central, 8° to 12° above normal elsewhere. Warmest weather midweek with maxima in 50's and low 60's. Wet periods early and late in week. Total precipitation 0.50 to 1.00 inch west, 1.00 to 2.00 inches central, 2.00 to 3.00 inches southeast. Light snow or flurries north and west beginning of week, rain changed to snow many areas Sunday night. Snow cover nil south, 1 to 3 inches central, up to 6 to 8 inches northeast. Routine winter farm chores.

PUERTO RICO: Rainfall averaged 0.51 inches or 0.24 inch below normal. Highest weekly total,

7.35 inches with 4.95 inches in 1 day. Crop moisture conditions near normal all divisions except southern, central, and western where lack of rain prevented optimum crop development. Temperatures averaged 77° to 78° on coast and 71° to 72° interior divisions with a mean departure of about 0.5° above normal. Highest maximum temperature 95°. Lowest minimum temperature 53°. Sugarcane harvesting operations began in some zones. Coffee zones active weeding, pruning, and cultivating. Tobacco zones report good progress with cultivating and drying operations. Pasture zones good to excellent all divisions, except some zones in south-central and west where poor to fair due to developing drought conditions. Minor crops in good abundance on market, except interior, southern and western zones where drought conditions are cutting into yields.

SOUTH CAROLINA: Rain fell early in period followed by moderately cold and clear conditions. Precipitation amounts varied but were near 1.00 inch in all areas. Temperatures averaged about 6° or 7° above normal. Soil moisture still hindering field activity most areas. Treating and seeding tobacco beds; some tobacco plants breaking through. Top dressing grains and pastures. Some soybean harvesting.

SOUTH DAKOTA: Another week of mild weather. Weekly temperatures averaged up to 16° above normal over State. Extremes ranged from -4° at Montrose on 23d to 70° at Fort Meade on 24th. Precipitation end of week fell as scattered light snow with amounts ranging from less than 0.10 inch in east to about 0.15 inch in west. Snow cover on 26th ranged from zero in west and from 2 to 4 inches in east, with some melting occurring over weekend. Much of snow cover on fall-sown grains has disappeared. Weather favorable for livestock and lambing. No unusual disease problems among livestock. Hay and feed grain supplies remain adequate. Muddy corrals and feedlots still a problem. Preparing income tax forms and caring for livestock are main farm activities.

TENNESSEE: Temperatures averaged near to slightly above normal. Cloudy with light to moderate rain or drizzle first and last of week, otherwise mostly sunny. Precipitation fell as light snow and sleet Sunday. Fair weather much of week helped farmers continue their late harvest. However, weekend rain halted their outside activities again. Farmers were also busy making repairs, feeding livestock, and preparing income tax returns.

TEXAS: Rains were general and often heavy over north-central, south-central, and East Texas Wednesday and Thursday, while snow fell in portions of West Texas Thursday. Snow reached depths of 2 to 7 inches between Sonora and Abilene. Very cold, dry, polar Canadian air, driven by 60 m.p.h. winds pushed southward across Texas over weekend and caused blowing dust in West Texas. Wheat and oats continue to recover slowly. Warm weather early this week revived growth rates. Grazing available limited amounts; most fields too wet to graze. Cotton 87% harvested, 96% last year. Cotton harvest resumed midweek on limited scale on High and Low Plains. Rain, ice, and snow shut operations down after about 1 day of working time. Land preparation from Blacklands to Lower Rio Grande Valley lagging behind schedule because of cold, wet weather. In the Lower Rio Grande Valley volume supplies of cabbage are available. Carrot digging increasing. Moderate supplies of lettuce, spinach, and cauliflower moving to market. At Laredo, vegetables making good recovery from cold weather. In Coastal Bend high winds delayed melon planting. Moisture conditions adequate and seeding should begin this week. In the San Antonio-Winter Garden area, cabbage, carrots, spinach and lettuce harvest is gaining momentum again. Citrus harvest is running behind schedule due to the rains; some early oranges are falling off trees.

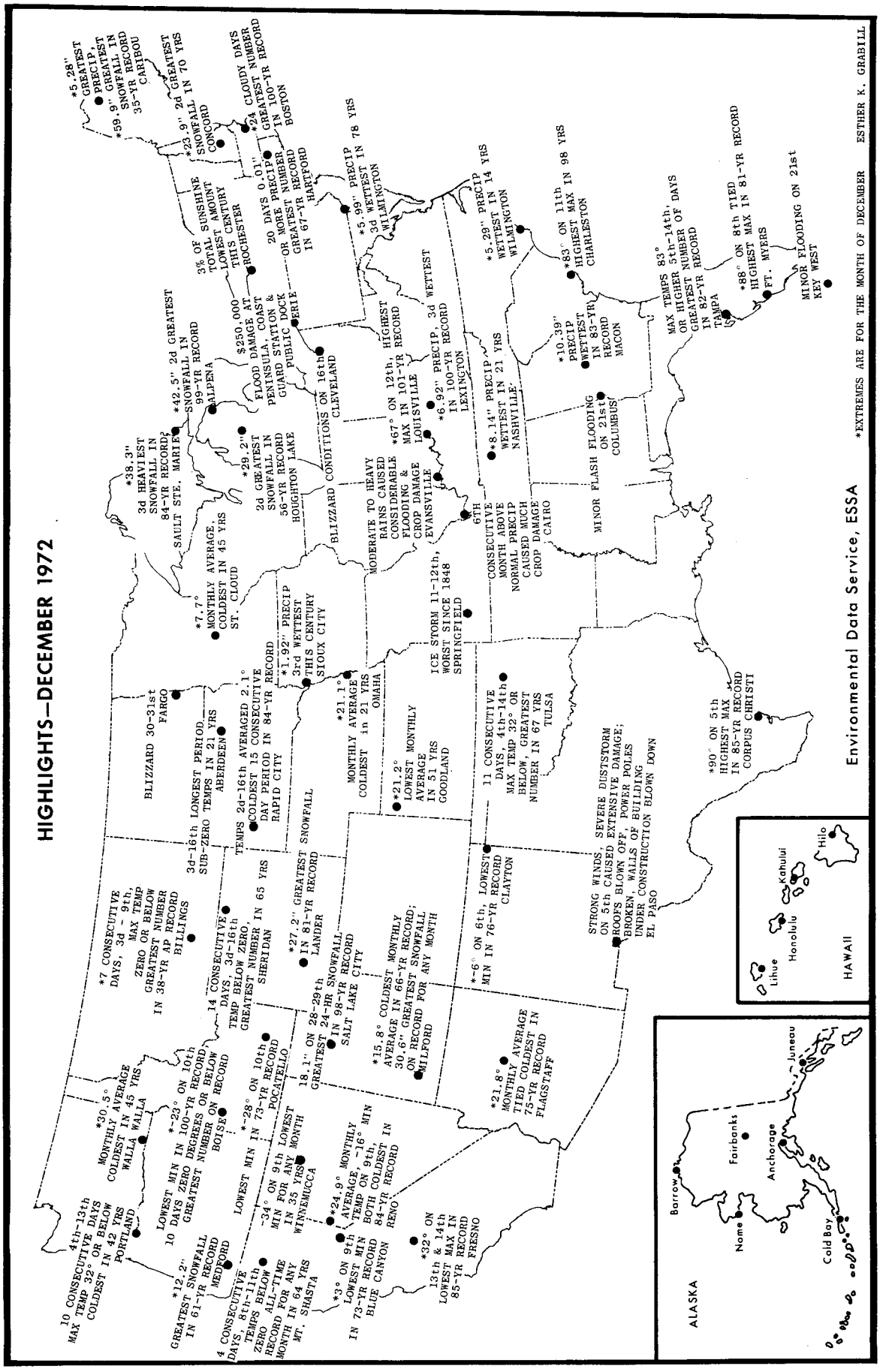
UTAH: Another snow storm swept across northwestern Utah during latter part of week accompanied by light amounts of moisture. Temperatures continued well below normal. Many stations again recorded subzero minimums. Rigors of the worst winter in several years continued to plague Utah farmers and ranchers. Drought in central and southern Utah during much of 1972 caused hay and grain shortages. Although declared a disaster area, stockmen unable to get the midwest feed alloted to relieve their needs because of shortage of rail cars tied up in shipping grain to ports for movement to Russia. Some liquidation of cattle and sheep being considered. Some early farm flock lambing may start next week. Care and feeding of cattle and sheep on winter ranges, feedlots and valley farms, care of dairy herds and poultry flocks continue major activities. Marketing of potatoes, apples, and dry onions from storage continues.

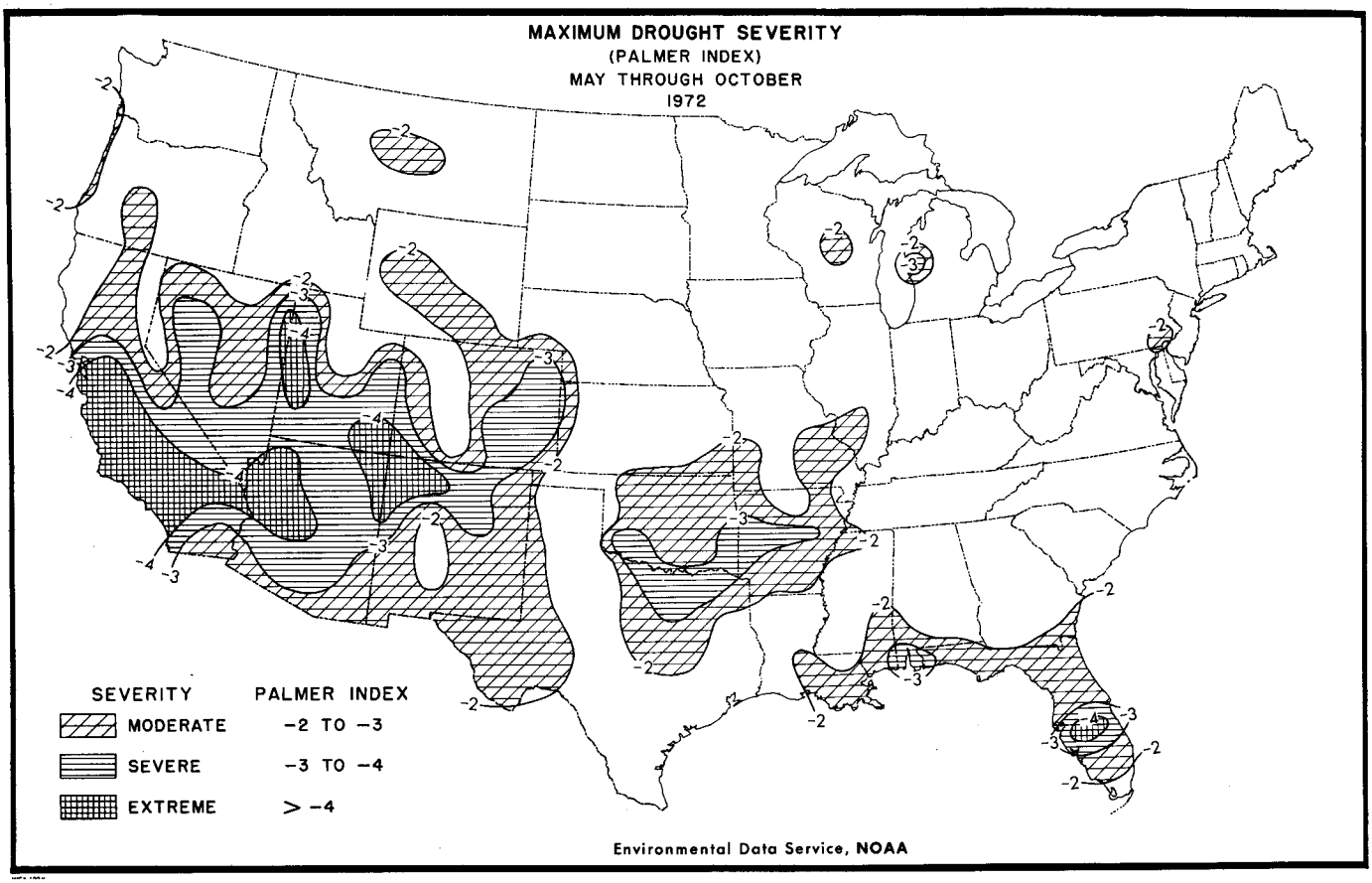
VIRGINIA: Slightly cooler Wednesday, otherwise temperatures above normal. Precipitation heavy from rain at beginning and over weekend. Prior to rain over weekend, field activity gained momentum especially in well-drained fields. Soil moisture 45% surplus. Combined soybeans, gathered corn, sowed small grains, plowed and spreadlime, fertilizer, and spread manure. Took soil samples. Fruit tree pruning active. Sprayed small grains for weeds. Gassed some tobacco plant beds, occasional bed planted. Fed livestock, attended newborn calves and lambs. Worked on records and tax forms.

WASHINGTON: Western Washington: Mild, temperature above normal; precipitation below normal. Some high winds midweek locally. Pruning and tying caneberries active. Harvest forced rhubarb continued. Flower bulb crops breaking dormancy. Growth winter grains starting. Hay, feed supplies short locally, but supplemented with heavy inshipments. Eastern Washington: Above normal temperatures, only limited precipitation. Fertilizing, weed spraying underway. Some reseeding winter wheat. Crops good condition, but vulnerable to freeze. Pruning fruit trees, grapes continued. Grape trellis installation and general machinery repair also active. Calving beginning, lambing continued. Hay, feed supplies adequate.

WEST VIRGINIA: Moderate rains January 22, 27, and 28 gave 1.00 inch totals. Rain turned to snow night of January 28 with 2 to 6 inch falls by morning January 29. Generally mild most of week with temperatures in 60's several days. Subfreezing temperatures began January 28. Main farm activity caring for livestock. Soil moisture adequate to surplus.

(Continued on back page)


HIGHLIGHTS—DECEMBER 1972
*5.28" GREATEST PRECIP; *59.9" GREATEST SNOWFALL IN 35-YR RECORD CARIBOU
*23.9" 2d GREATEST SNOWFALL IN 70 YRS CONCORD
*24 CLOUDY DAYS GREATEST NUMBER IN 100-YR RECORD BOSTON
3% OF SUNSHINE TOTAL AMOUNT LOWEST CENTURY ROCHESTER
20 DAYS 0.01" OR MORE PRECIP NUMBER GREATEST RECORD IN 67-YR RECORD HARTFORD
*5.99" PRECIP 3d WETTEST WILMINGTON
*38.3" 3d HEAVIEST SNOWFALL IN 84-YR RECORD; SAULT STE. MARIE
*42.5" 2d GREATEST SNOWFALL IN 99-YR RECORD ALPENA
$250,000 FLOOD DAMAGE AT PENINSULA, COAST GUARD STATION & PUBLIC DOCK ERIE
*29.2" 2d GREATEST SNOWFALL IN 56-YR RECORD HOUGHTON LAKE
BLIZZARD CONDITIONS ON 16th CLEVELAND
*67° ON 12th, HIGHEST MAX IN 101-YR RECORD LOUISVILLE
*6.92" PRECIP, 3d WETTEST IN 100-YR RECORD LEXINGTON
*5.29" PRECIP WETTEST IN 14 YRS WILMINGTON
*8.14" PRECIP WETTEST IN 21 YRS NASHVILLE
*83° ON 11th HIGHEST MAX IN 98 YRS CHARLESTON
*10.39" PRECIP WETTEST IN 83-YR RECORD MACON
MAX TEMPS 83° OR HIGHER 5th-14th, GREATEST NUMBER OF DAYS IN 82-YR RECORD TAMPA
*88° ON 8th TIED HIGHEST MAX IN 81-YR RECORD FT. MYERS
MINOR FLOODING ON 21st KEY WEST
*7.7° MONTHLY AVERAGE, COLDEST IN 45 YRS ST. CLOUD
*1.92" PRECIP 3rd WETTEST THIS CENTURY SIOUX CITY
MODERATE TO HEAVY RAINS CAUSED CONSIDERABLE FLOODING & CROP DAMAGE EVANSVILLE
6TH CONSECUTIVE MONTH ABOVE NORMAL PRECIP CAUSED MUCH CROP DAMAGE CAIRO
MINOR FLASH FLOODING ON 21st COLUMBUS
ICE STORM 11-12th, WORST SINCE 1848 SPRINGFIELD
BLIZZARD 30-31st FARGO
3d-16th LONGEST PERIOD SUB-ZERO TEMPS IN 21 YRS ABERDEEN
TEMPS 2d-16th AVERAGED 2.1° COLDEST 15 CONSECUTIVE DAY PERIOD IN 84-YR RECORD RAPID CITY
*21.1° MONTHLY AVERAGE COLDEST in 21 YRS OMAHA
*21.2° LOWEST MONTHLY AVERAGE IN 51 YRS GOODLAND
*7 CONSECUTIVE DAYS, 3d - 9th, MAX TEMP ZERO OR BELOW GREATEST NUMBER IN 38-YR AP RECORD BILLINGS
14 CONSECUTIVE DAYS, 3d-16th TEMP BELOW ZERO, GREATEST NUMBER IN 65 YRS SHERIDAN
*27.2" GREATEST SNOWFALL IN 81-YR RECORD LANDER
*6° ON 6th, LOWEST MIN IN 76-YR RECORD CLAYTON
11 CONSECUTIVE DAYS, 4th-14th MAX TEMP 32° OR BELOW, GREATEST NUMBER IN 67 YRS TULSA
*90° ON 5th HIGHEST MAX IN 85-YR RECORD CORPUS CHRISTI
STRONG WINDS, SEVERE DUSTSTORM ON 5th CAUSED EXTENSIVE DAMAGE; ROOFS BLOWN OFF, POWER POLES BROKEN, WALLS OF BUILDING UNDER CONSTRUCTION BLOWN DOWN EL PASO
*30.5° MONTHLY AVERAGE COLDEST IN 45 YRS WALLA WALLA
*-23° ON 10th LOWEST MIN IN 100-YR RECORD 10 DAYS ZERO DEGREES OR BELOW GREATEST NUMBER ON RECORD BOISE
*-28° ON 10th LOWEST MIN IN 73-YR RECORD POCATELLO
18.1" ON 28-29th GREATEST 24-HR SNOWFALL IN 98-YR RECORD SALT LAKE CITY
*15.8° COLDEST MONTHLY AVERAGE IN 66-YR RECORD; 30.6" GREATEST SNOWFALL ON RECORD FOR ANY MONTH MILFORD
*21.8° MONTHLY AVERAGE TIED COLDEST IN 75-YR RECORD FLAGSTAFF
4th-13th 10 CONSECUTIVE DAYS MAX TEMP 32° OR BELOW COLDEST IN 42 YRS PORTLAND
*12.2" GREATEST SNOWFALL IN 61-YR RECORD MEDFORD
4 CONSECUTIVE DAYS, 8th-11th TEMPS BELOW ZERO ALL-TIME RECORD FOR ANY MONTH IN 64 YRS MT. SHASTA
-34° ON 9th MIN FOR ANY MONTH IN 35 YRS WINNEMUCCA
*24.9° MONTHLY AVERAGE, -16° BOTH COLDEST IN 84-YR RECORD RENO
*3° ON 9th LOWEST MIN IN 73-YR RECORD BLUE CANYON
*32° ON 13th & 14th LOWEST MAX IN 85-YR RECORD FRESNO
*EXTREMES ARE FOR THE MONTH OF DECEMBER ESTHER K. GRABILL
Environmental Data Service, ESSA
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Juneau
Cold Bay
HAWAII
Lihue
Honolulu
Kahului
Hilo



The above map shows the areas of greatest drought severity occurring during the growing season of 1972. Although the most severe drought occurred in southwestern United States it was not so damaging as that in the southcentral and southern States. In the former areas the climate is normally more arid and the farming industry is geared to irrigation and supplemental feeding of stock. This year of drought meant increased usage of those countermeasures.

The drought index values depicted here were taken from the monthly computations using final temperature and precipitation data and may differ slightly from the weekly values computed from the preliminary data and transmitted over the National Weather Service facsimile circuit. Also, an area may have had a lower value during any week and improved by the end of the month when these values were computed. All drought areas have improved since the end of the growing season.

Lyle Denny

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WISCONSIN: Another very mild week with temperatures averaging 12° to 16° above normal. Maxima well into 50's most areas on Thursday and Friday. A lot of sunshine with the mild weather. Not nearly so much melting of snow cover this week as compared to the last due to much lower humidities. Precipitation occurred as heavy snow in extreme northwest Monday with 9 inches falling at Brule and 8 inches at Mellen. Light rain and snow fell again late Saturday and early Sunday as colder weather returned. The mild weather has been easy on fuel and feel supplies, but hard on skiers and snow mobilers. Farm activities mainly care and feeding of livestock.

WYOMING: Light snow most of Wyoming with some problems with drifting. Fox Park reported most moisture with 0.63 inch. Temperatures averaged near normal to 7° below normal west of Divide, Wind River and Upper Platte Drainage, 3° to 14° above normal elsewhere. Maxima were mostly high 20's and 30's west of Divide, Wind River, and Upper Platte Drainages, 40° to 60° elsewhere. Minima were mostly zero to -25° west of Divide, -10° to 15° east. Temperature extremes were 62° at Red Bird and -27° at Bondurant. Main agriculture activities were care and feeding of livestock.