

Weekly Weather & Crop Bulletin

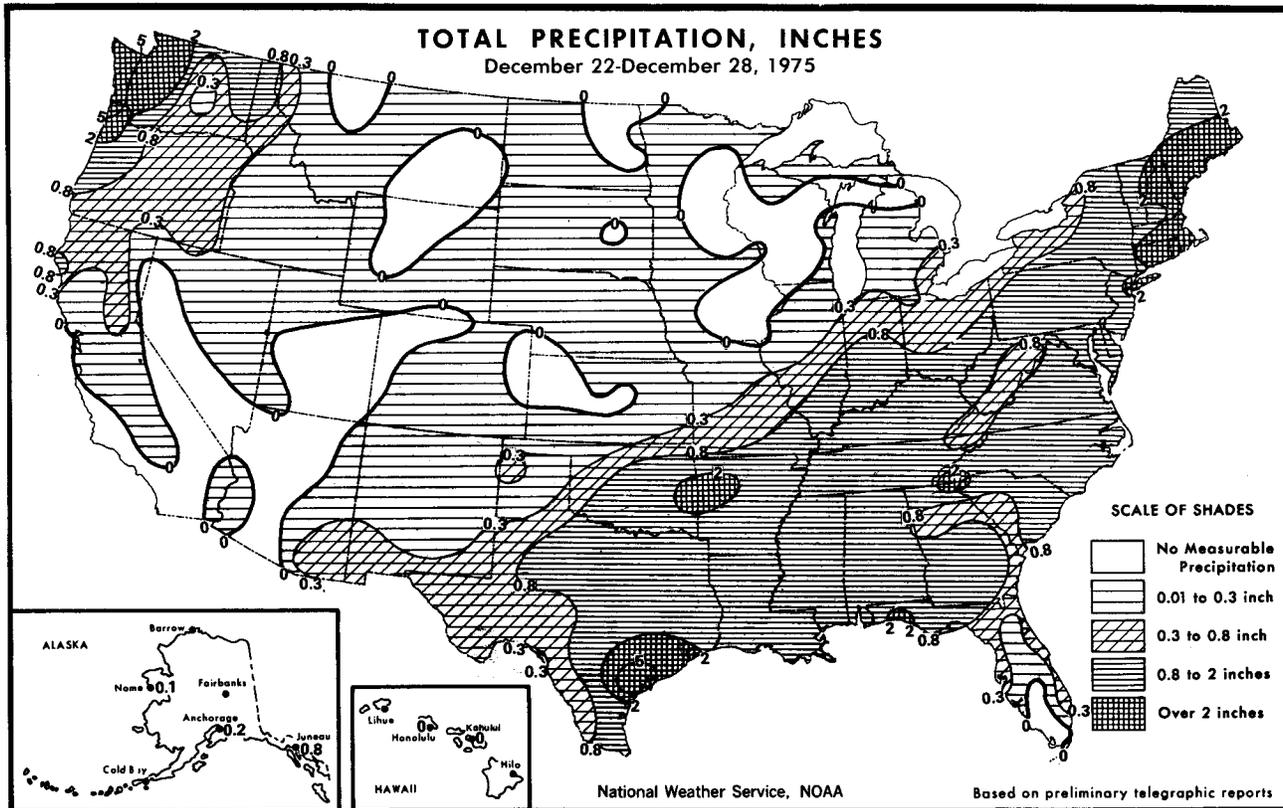
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NATIONAL WEATHER SUMMARY

For the Week of December 22-28

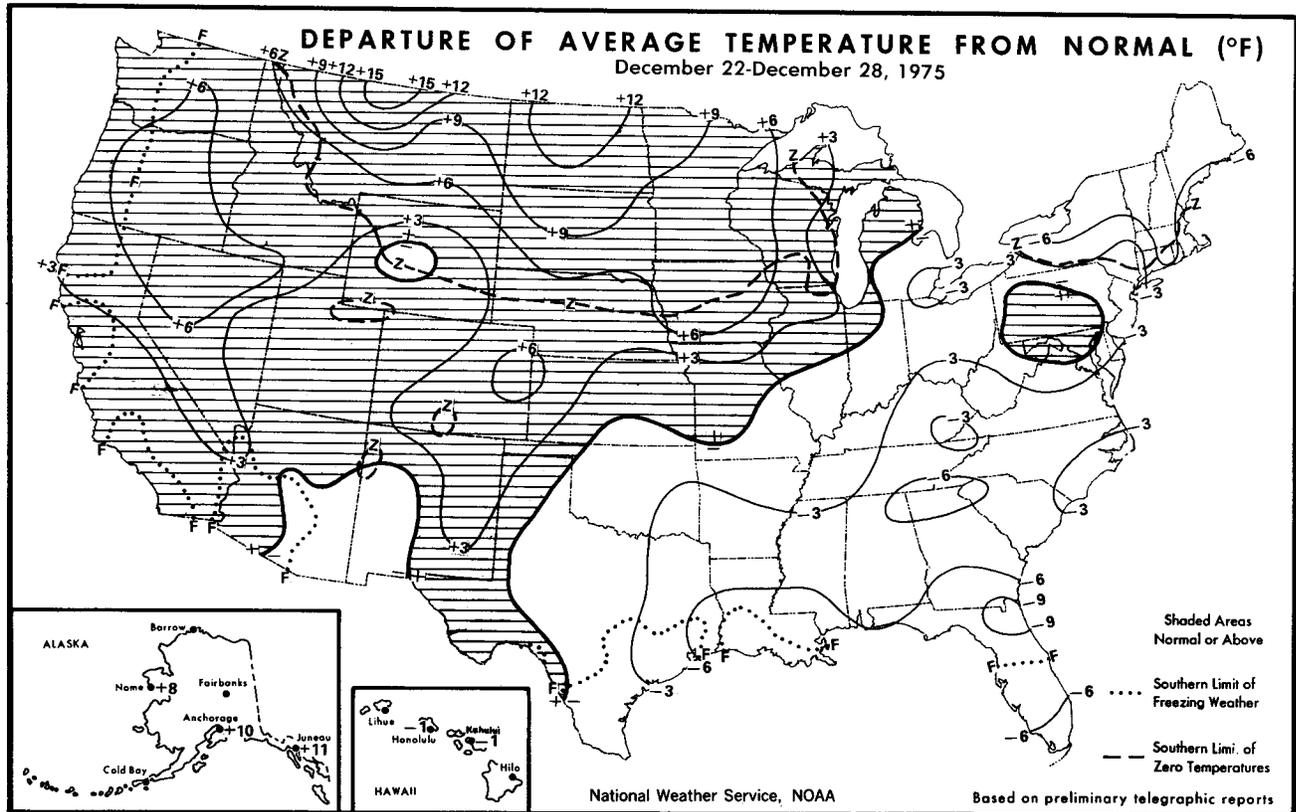
HIGHLIGHTS: Seasonably cold weather over much of the eastern third of the Nation contrasted above normal temperatures that ringed the northern border States--from the Great Lakes region to the Pacific Northwest--during the week. In the West a winter storm produced rain and snow in the northern and central Rockies, then moved into the southern Plains. Meantime a storm in the East spread precipitation from the Great Lakes region into New England.

Heavy snowfall that ended in the Northeast over the weekend turned to snow mixed with freezing rain and sleet over the coastal sections on Monday. Before moving out to sea, though, the storm piled 22 inches of snow on Hampton, N.H. and over a foot on Portland, Me. Located just off the New England coast, the intense low was responsible for precipitation and strong northerly winds over the area.

Meantime precipitation from a weakening frontal system in the West produced scattered rainshowers and snow at higher elevations from Washington to central California and into western Nevada.

On Tuesday, however, the western winter storm gathered strength. Moving from southern Arizona into the southern Rockies, the system produced rain that turned to snow at higher elevations. Other precipitation included freezing drizzle from northern Oklahoma into much of Kansas and rain or snow across the Pacific Northwest into the northern Intermountain region.

At midday the coldest temperatures gripped an area from northeast New York into northern New England where the mercury halted in the teens. Limited readings above 40° turned up in southern Florida, the Gulf Coast area, the Southwest, and along the Pacific Coast. Temperatures remained in the teens around the upper Midwest and hovered



around zero in the extreme Northeast.

Once again the winter storm weakened as it moved further into the southern Plains on Wednesday. Though little new snow occurred in the area, snow mixed with rain continued to ice the highways.

A low pressure center in southeast Texas took credit for a variety of precipitation throughout most of Texas and Oklahoma into western Arkansas and parts of New Mexico and Colorado. Snow piled up in the mountains of southwest Texas, then tapered off after reaching a depth of 6 inches in places.

When heavy thundershowers lashed portions of Texas at midweek, tornadoes accompanied by golf ball size hail and high winds caused some damage.

Highlighting Thursday's weather map, snow extended across the northern tier of States from New England to the Pacific Coastal mountain range, dipping into northern Pennsylvania, the Ohio Valley, southern Missouri, and northern Arkansas.

During the early morning hours temperatures in New England plunged well below zero in many locations. Nationwide, Houlton, Me. was the coldest with a reading of -32° .

In the afternoon a developing storm threatened portions of the East from the Great Lakes to New England. Midday snowfall covered an area from eastern Oklahoma and northern Arkansas into the lower Ohio Valley. Centered over northern Mississippi, the storm made its way toward New England in the evening, leaving behind a band of precipitation from the Atlantic Coast into Missouri and Arkansas.

Meantime another weather system moving in from the Pacific carried rain and some snow inland into the Pacific Northwest and northern California.

Seasonal but unwelcome conditions dominated the Northeast on Friday. Heavy snow warnings put

travelers on the lookout for up to 4 inches of snow in some areas.

Moving slowly throughout northeast U.S., the winter storm delivered precipitation to the north Atlantic States. Ahead of the storm center warm air moving northward created widespread fog and heavy rains. Warmer rains came on the heels of snow and freezing rains in many sections. Up to 2 inches of rain from northern New Jersey into southern New England triggered some flash floods.

Meanwhile rain with some snow in the mountains was widespread over the northern half of the Pacific Coast region and inland into much of the Rockies. Light snow fell across Missouri and northern Arkansas, North Dakota, and eastern Ohio Valley Regions.

When the low pressure system in New England moved northward on Saturday, snow changed to rain or drizzle. During the day precipitation in a variety of forms focused on the northern half of the Nation. Scattered activity encompassed the upper Plains, northern Rockies, and Northwest Coast. Mostly rain occurred in the interior. In the northern Rockies a cold front moving eastward gave rise to rain and snow that extended into the northern Intermountain region and changed to showers in the Pacific Northwest. Not far away a developing storm system spread rain and snow over parts of Nebraska, Kansas, Iowa, and Missouri.

Pushed along by a moving warm front, light snow persisted in eastern portions of the central Plains and middle Mississippi Valley on Sunday.

Light rain and snow still dominated the weather picture in the Nation's interior, where snow covered central portions of Illinois and Indiana and ranged from West Virginia to the Great Lakes region. Thunderstorms dumped locally heavy rains in southeast Texas, then moved northeast into Louisiana.

NATIONAL AGRICULTURAL SUMMARY

For the Week of December 22-28

HIGHLIGHTS: Rain and subnormal temperatures hampered field activities in most Southern States. Combining of the 1975 soybean crop is virtually complete in all States. By December 28, cotton harvesting was over 95% complete in the 11 major producing States. Warmer temperatures would improve winter wheat condition in much of the southern Great Plains, which continued below normal. Freezing temperatures continued to concern Florida citrus growers.

SMALL GRAINS: Cold and freezing temperatures over much of the South slowed or stopped small grain growth. Warmer weather and precipitation are needed in most southern areas of the western Great Plains.

Winter wheat condition remains unchanged from the previous week in Kansas. Minimal wind blowing occurred in the south central areas. Topsoil moisture was generally adequate statewide, but subsoil moisture continues short in the West. Greenbug activity continues in some areas of the State. In Oklahoma, wheat continues in fair to good condition, but growth was stopped by cold and dry soil in many areas. Greenbug infestations were widespread and some damage was evident despite a heavy spray program. Texas wheat also made slow growth because of short moisture and cold weather. Recent rain and snow furnished light moisture in the High Plains, while good to excellent precipitation favored the rest of the State. Most wheat stands now need warm weather for favorable growth.

Wheat and other fall sown small grain stands vary widely from State to State with the availability of moisture supplies. Small grain stands were in fair to good condition in most areas of the South and Southeast; good to excellent in Illinois; good in Arizona; and in need of moisture for growth and germination in California.

COTTON: Cotton picking maintained rapid progress during much of the week, until impeded by inclement weather. Harvest of the 1975 crop was finished or nearing completion in most States. By December 28, harvest reached 97% complete, much ahead of the 1974 and average levels.

In Texas, cotton harvest was nearing completion even though ice and snow at midweek brought operations to a standstill on the High and Low Plains. Harvest was 96% finished, well ahead of 90% in 1974 and the average 87%. Gins were able to catch up with backlogs, ginning ricks, and modules. Cotton was 94% harvested in Mississippi versus 89% in 1974 and the usual 97%. Rain kept pickers out of the fields much of the week. In Oklahoma, cotton harvesting was nearly 75% finished, much ahead of 56% a year ago. Elsewhere in the South, harvest was virtually complete in Arkansas, Louisiana, Missouri, North Carolina, Tennessee, and South Carolina. Cold, wet conditions and the Christmas holiday slowed fieldwork in Georgia, and only a few scattered fields remain unharvested in Alabama.

Cotton harvest was virtually complete in New Mexico and 90 to 95% finished in Arizona. Cotton was mostly harvested in California, except in the Imperial Valley.

OTHER CROPS: Harvest of the 1975 soybean crop is virtually complete. In North Carolina, combining reached 94% versus 97% in 1974 and average 92%. Harvest was slow in Mississippi, where 98% of the crop was harvested against 94% a year ago and the normal 96%. Harvest was virtually com-

plete in Alabama, Oklahoma, and Virginia.

Growers in Kentucky and Virginia were busy stripping and preparing tobacco to sell when warehouses reopen after the holidays. In North Carolina flue-cured tobacco bed preparations were well along and in South Carolina, growers were fumigating tobacco beds.

Florida sugarcane harvesting continues in full swing. Sugarbeet development was unusually well advanced in Arizona.

FRUITS AND NUTS: Freezing temperatures continued to cause problems in the upper citrus growing areas in Florida. Temperatures varied in the traditionally cold spots. Subfreezing with some slush ice in fruit was reported, but the advanced fruit maturity should prevent fruit loss. Cold induced good fruit color and tree dormancy. Processing and fresh market harvesting were in full swing. California's navel orange harvest was increasing; size was small and color good. Desert grapefruit were maturing slowly. Lemons in the Santa Barbara area need moisture to improve size. The Texas citrus harvest was slowed by rain.

Dry weather required early irrigation in California orchards. Pruning and dormant spraying was general. Pruning, tree removal, and rodent control activities were common in Washington. In Oregon, growers were pruning pear trees and berries. Peach tree pruning was active in South Carolina.

Pecan harvest was almost complete in Alabama and virtually complete in south central and central Texas. Mississippi harvest reached 95% complete slightly ahead of last year's level. In Texas, most activity was concentrated in the Cross-Timbers and along the Red River areas.

VEGETABLES: Florida vegetable crops continued to suffer from cold temperatures through midweek. Light frost and leafburn damage occurred. Plant growth and fruit maturity coupled with the holiday slowdown reduced total volume by nearly 50%. All crops were down sharply in volume. Strawberry harvest--mostly for local use--was underway. Plantings of most vegetables were slowed although potato and watermelon plantings were active. Muddy conditions in the Texas Lower Rio Grande Valley delayed pepper and lettuce harvests. Rains benefited cabbage and carrots. Onions continue to make good to excellent growth. Light supplies of broccoli and spinach were available. In the San Antonio Winter Garden area, cabbage and carrot harvests remain active, while broccoli and cauliflower supplies were light. Broccoli harvest was active in the California Salinas and Santa Maria areas, while cauliflower, celery, and carrot harvests were winding down. Lettuce cutting was slow in the Imperial Valley and light in the Palo Verde Valley.

PASTURES AND LIVESTOCK: Cold and freezing temperatures along with dry or muddy conditions in some areas left pastures and ranges in fair to poor condition over much of the South. Small grain grazing in the southern Great Plains was light to moderate, but overgrazing was widespread. In Florida, pastures continue to provide very poor to fair grazing due to slow growth from cold temperatures and moisture shortages. Normal supplemental feeding continues in the northern States, while in much of the South and Southwest increased feeding was needed to maintain the current condition of livestock.

Temperature and Precipitation Data for the Week Ending Midnight, l.s.t., Dec. 28, 1975

States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches		States and Stations	Temperature °F		Precipitation Inches	
	Average	Departure	Total	Departure		Average	Departure	Total	Departure		Average	Departure	Total	Departure
ALA. Birmingham . . .	39	- 5	1.2	0	La. Baton Rouge . . .	45	- 7	1.1	0	Youngstown	25	- 2	.8	+ .2
Mobile	47	- 5	1.3	- .1	Lake Charles	46	- 7	1.9	+ .6	OKLA. Okla. City . . .	37	- 1	.9	+ .6
Montgomery	43	- 4	.9	- .2	New Orleans	45	- 9	1.3	+ .2	Tulsa	36	- 2	.8	+ .4
ALASKA. Anchorage . .	22	+10	.2	0	Shreveport	45	- 3	1.4	+ .4	OREG. Astoria	48	+ 6	5.6	+3.2
Barrow	---	---	---	---	MAINE. Caribou	6	- 7	1.5	+1.0	Burns	31	+ 5	.7	+ .3
Fairbanks	---	---	---	---	Portland	19	- 4	3.5	+2.7	Medford	42	+ 5	.4	- .4
Juneau	37	+11	.8	- .2	MD. Baltimore	33	0	1.4	+ .7	Pendleton	42	+ 8	.7	+ .3
Kodiak	---	---	---	---	MASS. Boston	27	- 4	2.4	+1.5	Portland	43	+ 4	2.2	+ .8
Nome	11	+ 8	.1	0	Chatham	32	---	4.3	---	Salem	46	+ 6	1.8	+ .3
ARIZ. Flagstaff	28	- 1	T	- .5	MICH. Alpena	22	+ 1	T	- .4	PA. Allentown	28	0	1.5	+ .7
Phoenix	52	+ 1	T	- .2	Detroit	21	- 5	.5	0	Erie	27	0	.7	+ .1
Tucson	49	- 2	.3	+ .1	Flint	22	- 2	.2	- .2	Harrisburg	31	0	1.4	+ .8
Winslow	33	+ 1	T	- .1	Grand Rapids	23	- 2	.1	- .3	Philadelphia	31	- 2	.4	- .3
Yuma	57	+ 2	.1	0	Houghton Lake	23	+ 3	T	- .4	Pittsburgh	29	0	.9	+ .3
ARK. Fort Smith	37	- 3	2.3	+1.7	Lansing	24	- 1	.2	- .2	Scranton	25	- 2	1.0	+ .5
Little Rock	37	- 3	1.2	+ .3	Marquette	24	+ 3	T	- .4	R.I. Providence	25	- 4	2.8	+1.9
CALIF. Bakersfield . . .	49	+ 2	T	- .2	Muskegon	28	+ 2	.2	- .3	S.C. Charleston	44	- 4	.9	+ .2
Eureka	51	+ 3	.2	-1.3	S. Ste. Marie	18	+ 1	.1	- .4	Columbia	42	- 3	.8	0
Fresno	46	+ 1	T	- .4	MINN. Duluth	16	+ 7	T	- .3	Greenville	36	- 6	.8	- .2
Los Angeles	58	+ 1	0	- .5	Internatl Falls	14	+ 9	T	- .2	S.D. Aberdeen	22	+ 9	.1	0
Red Bluff	49	+ 4	T	- .9	Minneapolis	23	+ 7	T	- .2	Huron	24	+ 8	T	- .1
San Diego	58	+ 2	0	- .4	Rochester	22	+ 6	T	- .1	Rapid City	30	+ 6	.1	0
San Francisco	49	0	T	-1.0	St. Cloud	20	+ 7	T	- .2	Sioux Falls	24	+ 7	T	- .1
Stockton	44	0	1	- .5	MISS. Jackson	43	- 5	1.9	+ .8	TENN. Chattanooga . . .	34	- 6	2.0	+ .8
COLO. Denver	34	+ 3	T	- .1	Meridian	42	- 5	1.7	+ .5	Knoxville	36	- 4	1.1	0
Grand Junction	28	+ 1	T	- .1	MO. Columbia	32	+ 1	.3	- .1	Memphis	39	- 2	1.3	+ .2
Pueblo	35	+ 4	T	- .1	Kansas City	30	0	.1	- .3	Nashville	38	- 1	1.7	+ .6
CONN. Bridgeport	29	- 2	1.9	+1.2	St. Louis	30	- 2	.4	0	TEX. Abilene	42	- 3	1.2	+ .9
Hartford	20	- 6	2.1	+1.3	Springfield	35	+ 1	.4	- .1	Amarillo	37	0	.1	- .1
D.C. Washington	36	0	1.1	+ .4	MONT. Billings	31	+ 6	T	- .1	Austin	49	- 2	1.7	+1.2
FLA. Apalachicola . . .	47	- 7	.7	0	Glasgow	22	+ 8	T	- .1	Beaumont	47	- 6	1.8	+ .7
Daytona Beach	51	- 8	.3	- .2	Great Falls	36	+12	T	- .2	Brownsville	59	- 3	1.2	+ .9
Ft. Myers	58	- 6	T	- .3	Havre	31	+16	T	- .1	Corpus Christi	56	- 2	.8	+ .4
Jacksonville	45	-10	.3	- .3	Helena	27	+ 6	T	- .1	Del Rio	52	+ 1	.3	+ .2
Key West	67	- 4	T	- .3	Kalispell	30	+ 8	.2	- .2	El Paso	43	0	.5	+ .4
Lakeland	53	- 8	.3	- .2	Miles City	26	+ 7	T	- .1	Fort Worth	45	- 1	1.5	+1.1
Miami	64	- 4	T	- .4	Missoula	27	+ 4	.1	- .2	Galveston	53	- 3	2.7	+1.9
Orlando	53	- 8	.1	- .4	NEBR. Grand Island . . .	28	+ 4	.1	0	Houston	48	- 5	2.6	+1.7
Tallahassee	46	- 6	1.3	+ .3	Lincoln	28	+ 3	.1	0	Lubbock	39	- 1	.3	+ .2
Tampa	54	- 7	.4	- .1	Norfolk	26	+ 5	.1	0	Midland	43	- 1	.3	+ .2
W. Palm Beach	61	- 5	.3	- .3	N. Platte	28	+ 3	.2	+ .1	San Angelo	45	- 2	.6	+ .4
GA. Atlanta	38	- 4	.5	- .5	Omaha	29	+ 6	T	- .1	San Antonio	49	- 3	1.4	+1.1
Augusta	42	- 3	.6	- .2	Valentine	27	+ 5	T	- .1	Victoria	53	- 2	6.1	+5.7
Macon	42	- 5	.9	- .1	NEV. Ely	26	+ 1	.2	+ .1	Waco	46	- 2	1.7	+1.3
Savannah	45	- 4	.8	0	Las Vegas	48	+ 4	T	- .1	Wichita Falls	42	0	1.9	+1.6
HAWAII. Hilo	---	---	---	---	Reno	35	+ 3	T	- .3	UTAH. Blanding	30	+ 2	T	- .3
Honolulu	72	- 1	0	- .9	Winnemucca	36	+ 7	.1	- .1	Salt Lake City	31	+ 2	.2	- .1
Kahului	71	- 1	0	- .7	N.H. Concord	15	- 7	1.8	+1.1	VT. Burlington	11	- 8	.9	+ .5
Lihue	---	---	---	---	N.J. Atlantic City	30	- 3	1.1	+ .2	VA. Lynchburg	31	- 5	1.2	+ .5
IDAHO. Boise	31	+ 1	.2	- .1	Trenton	31	- 2	1.4	+ .7	Norfolk	37	- 4	.9	+ .2
Lewiston	37	+ 4	.5	+ .2	N.MEX. Albuquerque . . .	33	- 2	.1	0	Richmond	34	- 3	1.0	+ .3
Pocatello	30	+ 5	.1	- .1	Roswell	40	+ 2	.5	+ .4	Roanoke	33	- 3	1.0	+ .3
ILL. Cairo	35	- 2	1.0	+ .1	N.Y. Albany	18	- 2	.9	+ .3	WASH. Colville	31	+ 5	1.7	+1.2
Chicago	29	+ 3	.1	- .4	Binghamton	20	- 3	1.5	+ .9	Omak	30	+ 5	.5	+ .1
Moline	29	+ 5	T	- .4	Buffalo	22	- 3	.6	0	Quillayute	45	+ 5	8.0	+4.5
Peoria	27	+ 1	T	- .4	New York	31	- 2	2.0	+1.2	Seattle-Tacoma	44	+ 5	2.9	+1.6
Rockford	26	+ 4	T	- .4	Rochester	20	- 6	.7	+ .2	Spokane	32	+ 5	1.1	+ .5
Springfield	29	+ 1	.2	- .2	Syracuse	19	- 6	.7	0	Walla Walla	39	+ 4	.7	+ .2
IND. Evansville	31	- 2	1.0	+ .3	N.C. Asheville	33	- 5	1.9	+1.1	Yakima	33	+ 4	.4	+ .1
Ft. Wayne	26	0	.5	0	Charlotte	36	- 5	1.0	+ .2	W. Va. Beckley	25	- 6	.5	- .3
Indianapolis	27	- 2	1.0	+ .4	Greensboro	34	- 4	1.2	+ .5	Charleston	30	- 5	1.0	+ .2
South Bend	28	+ 2	.4	- .2	Hatteras	44	- 2	.9	- .1	Huntington	30	- 4	1.2	+ .5
IOWA. Burlington	28	+ 3	T	- .4	Raleigh	37	- 3	1.4	+ .7	Parkersburg	31	- 2	1.2	+ .6
Des Moines	28	+ 6	T	- .2	Wilmingon	44	- 2	1.3	+ .5	WIS. Green Bay	20	+ 2	T	- .2
Dubuque	25	+ 5	T	- .4	N.DAK. Bismarck	24	+12	.1	0	La Crosse	22	+ 3	T	- .3
Sioux City	26	+ 5	T	- .1	Fargo	18	+ 9	T	- .1	Madison	24	+ 5	T	- .3
KANS. Concordia	29	+ 1	T	- .2	Williston	22	+10	.1	0	Milwaukee	24	+ 2	1	- .3
Dodge City	34	+ 2	.1	0	OHIO. Akron-Canton	27	0	.7	+ .1	WYO. Casper	25	0	T	- .1
Goodland	35	+ 7	T	- .1	Cincinnati	30	- 2	1.0	+ .4	Cheyenne	30	+ 2	T	- .1
Topeka	30	+ 1	.2	- .2	Cleveland	26	- 2	.7	+ .2	Lander	19	- 2	0	- .1
Wichita	31	- 1	.1	- .1	Columbus	27	- 2	.7	+ .1	Sheridan	28	+ 4	T	- .1
KY. Lexington	31	- 3	1.1	+ .3	Dayton	28	- 1	.8	+ .3	P.R. San Juan	76	0	1.4	+ .4
Louisville	32	- 2	1.4	+ .6	Toledo	22	- 4	.1	- .4					

Based on 1941-70 Normals

The Weekly Weather and Crop Bulletin is published by the National Weather Service, NOAA, and Statistical Reporting Service, USDA. Standard copy for the Bulletin is prepared by Dr. Richard E. Felch, agricultural climatologist, Lyle M. Denny, Orus W. Byrd, meteorologists, DeLon Brown, agricultural statistician, and Susan E. Atkins, editor.

STATE SUMMARIES OF WEATHER AND AGRICULTURE

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

ALABAMA: Temperatures averaged 3° below normal. Front passed through on 25th bringing rain and cooler temperatures. Rainfall amounts ranged from 1.65 to 0.43 in. Most rain fell on 25th.

Farm work consisted of care and feeding of livestock and poultry. Some harvesting of remaining crops, putting out lime and fertilizer as weather permitted and other chores. Soil moisture supplies adequate most areas, but in few counties surpluses still exist. Few scattered fields of cotton, corn, and soybeans remain to be harvested. Vegetables suffered some damage due to low temperatures. Pecan harvest almost complete. Small grains and winter grazing crops in fair to good condition. Pastures in fair condition. Livestock in fair to good condition. Farmers continue to feed large amounts of hay and silage.

ARIZONA: Precipitation early week, clearing 24th. Heaviest precipitation in southeast, southern mountains. Snow level near 6,000 ft. Temperatures near normal except 1 to 4° below in northwest.

Farm work mostly cotton clean up, seeding wheat, barley. Residue disposal continued. Cotton harvest 90 to 95% complete. Sorghum harvest virtually complete. Wheat, barley seeding continues, good stands on early fields. Hay harvest seasonally slow, many fields used for pasture. Sugarbeet development unusually well advanced. Harvest lettuce, cabbage, broccoli active Yuma. Immature lettuce, cabbage, broccoli, carrots satisfactory progress. Red chili harvest nearing completion, Cochise County. Mixed vegetables harvest seasonal progress. Harvest navels, grapefruit, lemons Yuma, Salt River Valley. Cattle, calves fair to good condition. Ranges supplying below average amounts. Rains helped soil moisture, but still dry. Stock water short, ranchers hauling water.

ARKANSAS: Temperatures ranged from 1 to 7° below normal. Extremes: 65 and 19°. Precipitation general, from 0.30 to 1.68 in.

Farming activities were near standstill for the holiday week. Precipitation fell most areas beginning on 24th. Snow blanketed northern areas on Christmas Day. Farmers repairing equipment and feeding livestock. Pastures provided little forage.

CALIFORNIA: Occasional precipitation northwest, in the north and central 21st and 22d, and south 21st. Totals 1.00 in. northern mountains, 0.50 in. north coast, and 0.25 in. or less other areas. Cooling Central Valley late week. Highs mostly upper 40's and 50's Central Valley, 65 to 75 low southeast deserts, and 50's and low 60's coastal valleys. Lows 30's to low 40's Central Valley and coastal valleys and low southeast deserts.

Small grains need moisture for growth and germination. Cotton mostly harvested except Imperial Valley. Ground preparation ahead of normal. Pruning and dormant spray application general. Dry weather causing early irrigation. Navel orange harvest increasing, size small, good color. Desert grapefruit maturing slowly. Mandarin and date harvest continue. Lemons need moisture to improve size in Santa Barbara area. Broccoli active, cauliflower, celery winding down Salinas. Broccoli active Santa Maria. Celery active south

coast. Carrots seasonally slow. Lettuce cutting slow Imperial Valley, light Palo Verde Valley. Fresh market tomatoes nearing completion. Subnormal moisture, cool temperatures hindering forage growth. Supplemental feeding maintaining production. Calving, lambing continuing.

COLORADO: Storm on 21st followed by a more intense storm 23d and 24th, centered south and west responsible for widespread snow. Precipitation Trinidad 0.22 in., Springfield 0.14 in. Temperatures above normal east, below normal south and southwest, remainder near normal.

Cattle continue to forage where possible with supplemental feed required.

FLORIDA: Mostly cold weather prevailed warming slowly by weekend. Temperatures averaged below normal with frost north and central. Rainfall generally light to moderate.

Soil moisture mostly short. Harvest of most field crops virtually complete. Sugarcane harvest full swing. Small grains good condition. Growth slow due to cold weather. Some land being prepared. Pastures continue to provide very poor to fair grazing throughout. Some Panhandle and southern areas mostly fair condition, central localities showing stress from rather severe moisture shortage and browning from frost. Cattle, calves in fair condition, supplemental feeding prevalent. Citrus trees generally good condition. Temperatures varied with traditionally cold spots upper growing area, sub-freezing with some reported slush ice in fruit. No fruit loss should occur with the advanced fruit maturity. Cold induced good fruit color and tree dormancy. Harvest full swing for processing and fresh. Some irrigation still being applied following light, general rains. Vegetable crops continued to suffer from cold temperatures through midweek. Light frost and leafburn damage. Plant growth and fruit maturity coupled with the holiday lull reduced total volume nearly 50%. All crops down sharply in volume. Quality, yields generally good. Plantings slowed, expected to return to normal next week. Potato and watermelon planting active. Fall cucumber production declining seasonally. Strawberry harvest underway, mostly local use.

GEORGIA: Temperatures averaged 7 to 10° below normal statewide. Warmest 71° at Alma on Christmas Day, coldest 10° at Blairsville on 23d. Rainfall mainly late week, average 1.00 to 2.00 in. north and 0.50 to 1.00 in. central and south. Temperatures remained cold at night and modified during afternoons. Little or no precipitation over weekend.

Very little fieldwork due to cold, wet weather and Christmas activities. Small grains fair to good. Pastures and cattle fair condition after some deterioration due to weather.

IDAHO: Temperatures averaged 1 to 8° below normal southwest and from near normal to 6° above remainder. Fog southwest and north held temperatures down early week, warming trend thereafter. Maxima mid 50's to mid 40's. Minima mostly teens and subteens, but with some temperatures in lower 20's north and Magic Valley. Precipitation ranged from 0.22 in. above normal Lewiston and from 0.01 to 0.33 in. below normal elsewhere.

Limited field activity due to inclement weather. Lambing and calving remain active. Feed supplies excellent.

ILLINOIS: Temperatures 3 to 5° above normal north, near normal central, 2° below normal south. Precipitation light north, moderate central and south. Snow 26th and weekend.

Soil moisture adequate most areas. Winter wheat condition good to excellent. Livestock good condition, mostly good feeding weather thus far.

INDIANA. Snow and ice storm crossed central and north Christmas Day. Snow cover 2 to 4 in., but much drifting. Daily high temperatures averaged 32°, 5° below normal; daily low temperatures averaged 26°, 4° above normal. Temperature extremes 10 to 47°. Precipitation from 0.40 north to 1.00 in. south. Very little sun. Soils frozen 2 to 5 in.

Fieldwork nil. Major activities: Snow removal, cleaning barns and chores.

IOWA: Minor daily changes in temperatures, 3 to 7° above normal. Two to 4 in. snow, extreme southern counties, 27th and 28th. Occasional very light snow or flurries in some parts throughout week. Brief period of freezing drizzle south. Liquid precipitation 0.10 in. below normal west to 0.33 in. below normal east.

Snow and wet conditions halted fieldwork. Most farm activity is care of livestock.

KANSAS: Temperatures averaged 32° east and central, 35° west, or 7° above normal northwest to near normal south central. Precipitation amounts ranged from over 0.33 in. over parts of central through southeast to trace or less over western third.

Wheat condition unchanged. Good in east, poor to fair in west. Topsoil moisture generally adequate. Subsoil moisture adequate east, short west. Minimal blowing in south central. Some greenbug activity. Cattle on stubble fields and some supplemental feeding.

KENTUCKY: Temperatures dropped into low teens early week and climbed into 40's past midweek. Temperatures averaged in low 30's. Precipitation occurred as rain or snow latter half, totals from near 0.25 in., at Paducah to 1.50 in. at Bowling Green.

Farm activity limited to winter care of livestock and getting tobacco ready for market. Bulking down tobacco and stripping active when moisture and humidity were favorable.

LOUISIANA: Temperatures 9 to 13° below normal. Maximum temperatures generally highest on 27th. Rain over entire State at midweek, amounts between 0.50 and 1.50 in. Temperature extremes: 65° on 27th and 27° morning of 27th.

Agricultural activities mainly routine chores and care of livestock.

MARYLAND AND DELAWARE: Temperatures averaged 1 to 7° below normal. Highs, low 60's; lows, low 20's. Western Maryland had -3° for low. Precipitation ranged from 0.01 to 1.51 in.

Normal chores and repairs were major activities. Moisture supplies adequate. Some cattle still on pastures.

MICHIGAN: Temperatures throughout ranged from normal to 3° above normal, but below normal in southeast Lower. Maximum daily in low mid-30's Lower and mid-20's to low 30's over Upper. Mini-

mum daily ranged from 14° below zero at Stambaugh to 20° above zero at Traverse City. Precipitation ranged from 0.49 in. at Detroit to a trace at Alpena. Average precipitation 0.16 in. over Lower and 0.10 in. over Upper.

Feeding livestock and farm chores main farming activity during the Christmas week.

MINNESOTA: A mild, dry week. Temperatures averaged 6° above normal southeast to 9° above normal northwest. Extremes: 32 to -8°. Precipitation traces to a few hundredths. Only significant new snow 1.5 in. Extreme north central. Snow on ground at week's end; 8 to 12 in. Northeast, 4 to 7 in. Southwest into Central; and traces to 3 in. elsewhere.

Mild conditions favorable for winter care and management of livestock.

MISSISSIPPI: Temperatures averaging 9° below normal. Extremes: 66 and 12°. Greatest 24 hour rainfall was 1.89 in. at Jackson on 24th and 25th.

Soil moisture supplies are adequate to surplus. Fieldwork 3.3 days suitable. Cotton 94% harvested, 89% 1974, 97% average. Soybeans 98% harvested, 94% 1974, 96% average. Pecans 95% harvested, 94% 1974. Pastures in poor to fair condition. Livestock in mostly fair condition. Hay and roughage supplies mostly adequate, feed grain supplies short to adequate.

MISSOURI: Temperatures averaged around normal. Precipitation averaged over 1.00 in. Bootheel and a trace Northwest Prairie. Precipitation light elsewhere except for 0.50 in. east Ozarks.

Major farm activities consist of winter care and management of livestock.

MONTANA: Unseasonably warm, temperatures averaged 5° above normal all areas. Precipitation light and scattered.

Winter wheat condition fair to good. Wind damage to date light. Snow cover protection variable, mostly fair. Livestock condition good.

Grazing open some areas, difficult in others. About 70% cattle and 80% sheep receiving supplemental feed. Livestock feed supplies for balance of winter adequate, surplus some areas.

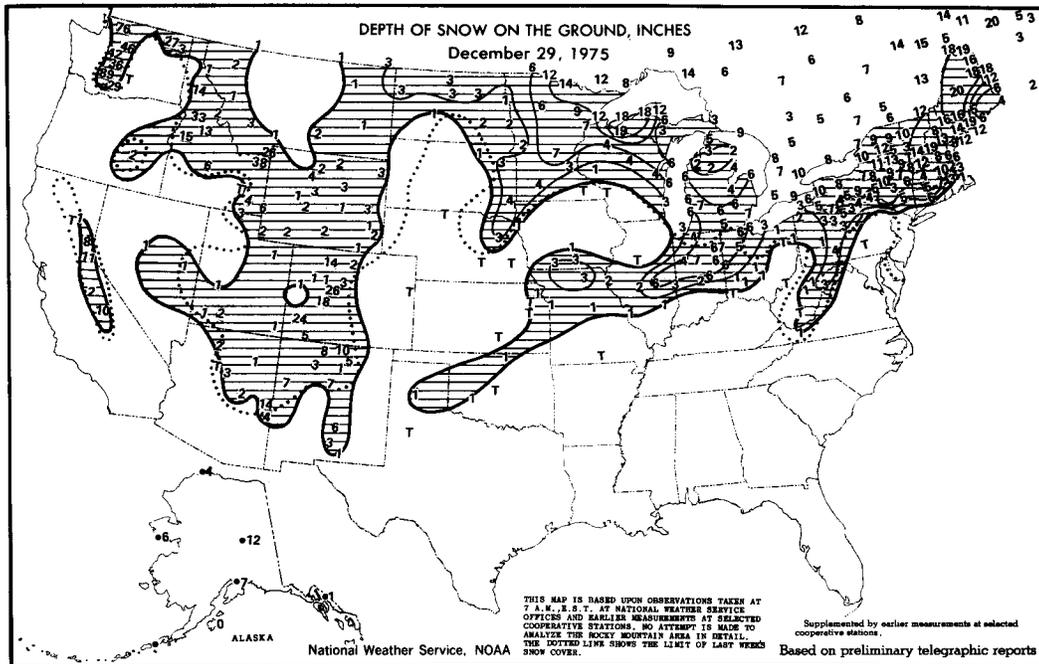
NEBRASKA: Temperatures 3 to 5° above normal. Light snow over central and east 26th through 28th.

NEVADA: Precipitation light. Trace snow northwest to 4 in. northeast. Temperatures averaged 6° above normal south to 4° above north. Extremes: Logandale 65°, Ely 4°.

Livestock doing well with very little supplemental feeding necessary.

NEW ENGLAND: Double-barrelled storm ended 22nd deposited up to 24 in. snow much of New England including some southern areas. Another storm toward weekend left few inches north, some southern areas measured 2.00 in. of rain which changed to freezing rain causing hazardous traveling conditions. Temperatures extremes with below zero temperatures 24th and 25th except southeastern New England. On 26th temperatures rose into 50's parts of southern New England.

NEW JERSEY: Temperatures averaged 4 to 6° below normal. Averages 25° north, 30° south and 32° coastal. Extremes: 3° at Freehold 25th and 56° Canoe Brook on 26th. Precipitation totals 0.80 in. above normal, except near normal along



coast. Snow on 23rd at various locations central and north, up to 2 in. measured at Charlotteburg and Belvidere before turning to rain on Christmas Day.

Caring for livestock and regular farm chores.

NEW MEXICO: General storms with light to moderate precipitation 23rd and 24th and in central mountains and eastern plains on 28th. Precipitation totals a few hundredths northwest to 0.75 in. south central. No major temperatures except considerably colder north and east on 28th. Temperatures averaged within a few degrees of late December normals.

Soil moisture condition remained short. Cotton and pecan harvest complete for all practical purposes. Winter wheat, barley fair to good. Ranges fair. Cattle, sheep good, some supplemental feeding.

NEW YORK: Temperatures first half week below zero, second half more moderate. Raybrook had 26" on 24th, most other areas below zero. Snow covered Upstate through week with additional snowfall 25th central and southern areas.

Moderate to heavy snowfall 26th in north. Rain on 26th central and south diminished snow depths. Week ended fair and moderately cold.

NORTH CAROLINA: Temperatures averaged 2 to 6° below normal. Precipitation widespread ranging from 1.00 to 2.00 in.

Soybean harvest 94% complete, 1974 97%, average 92%. Days suitable fieldwork averaged 2.7. Soil moisture adequate to surplus. Small grains mostly good to fair. Planting virtually complete. Pastures poor to good. Flue-cured tobacco bed preparation well along.

NORTH DAKOTA: Temperatures ranged from 12° above normal northwest to 1° above normal southeast. High 43°, low -10°. Precipitation varied from 0.04 in. above normal northwest, normal north central and central; elsewhere from 0.13 to 0.03 in. below normal. Most precipitation 0.22 in.

Weekend temperatures above normal with scattered snow showers or freezing drizzle.

Farmers and ranchers working cattle and marketing crops and livestock. Most livestock receiving supplemental feed.

OHIO: Winter weather. Mostly cloudy skies prevailed. Snow flurries daily early week, winter storm watch in effect for Christmas. Snow totaling 9 in. at Van Wert and 5 in. at Toledo. Elsewhere over north 1 to 3 in. No appreciable snow outside of snow belt areas of north. Rain fell over south, nearly 1.00 in. at Cincinnati. Week ended with cloudy, overcast skies and snow flurries. Temperatures near normal.

OKLAHOMA: Temperatures averaged 2 to 6° below normal. Precipitation averaged from 0.07 in. Panhandle to 1.48 in. southeast. Weekend cold with rain or snow in most areas.

Wheat continues good to fair condition, but growth stopped by cold; soils dry in many major wheat areas. Greenbug infestations widespread, and some damage evident despite rather heavy spray program. Grazing down as cold weather stopped growth. Cotton harvest near 75% complete, 56% year ago. Soybean and sorghum harvest nearly complete. Supplemental feeding widespread as range grasses used up or low quality. Cattle condition good to fair.

OREGON: Above normal with greatest departures in west half. Extremes: upper 50's, low 20's west, upper 40's, teens east. Precipitation averaged 3.00 to 4.00 in. along coast, ranged 1.25 to 2.00 in. western valleys, 0.20 to 0.30 in. east.

Growers spraying grain, pear tree pruning, berry pruning, and overhauling equipment. Onions and potatoes moving out of storage. Feeding cattle. Feed supplies adequate.

PENNSYLVANIA: Coldest weather since mid-February early week. Cloudy conditions and snow Christmas Day, 1 to 5 in. snowfall accumulated before

turning to rain that continued through 26th. Total precipitation 1.00 to 2.00 in. most areas and up to 2.40 in. at Allentown. Temperatures averaged near to 6° below normal north with extremes -12° north central to 54° east central.

Farmers doing normal winter chores.

PUERTO RICO: Island average rainfall 1.13 in. Highest weekly total 3.78 in. at Pico Del Este-luquillo. Highest 24-hour total 1.72 in. at Corozal. Temperatures averaged 75° on coasts and 69° interior. Extremes: 87 and 54°.

SOUTH CAROLINA: Temperatures averaged below normal, ranging from below normal early to near normal late week. Precipitation averaged 2.00 in. mountains to 1.00 in. elsewhere. Most precipitation late week.

Seasonal lull in farming activities. Apple tree pruning nearly complete. Some peach tree pruning. Tobacco bed fumigation. Normal winter chores.

SOUTH DAKOTA: Temperatures averaged 2 to 10° above normal. Extremes: 50° Oral 22d, 1° Camp Crook 22d. Fog cover in morning common. Precipitation in forms of rain, freezing drizzle, and snow varied, ranging from 0.33 in. Winner to generally less than 0.10 in. elsewhere.

Feeding and caring for livestock main activity. Repairing machinery and attending sales.

TENNESSEE: High pressure dominated early week, at midweek low pressure caused rainfall most areas. Amounts ranged from 1.00 to 2.00 in. Late week traces of snow and rain fell. Warming occurred, but temperatures averaged 2 to 5° below normal.

General farmwork and caring for livestock the main activities.

TEXAS: Temperatures within 2° of normal over State ranging from upper 30's north to upper 50's Lower Rio Grande Valley. Rainfall normal, ranged from 1.00 in. east to less than 0.10 in. west. Rainfall averaged 1.00 in. central, 2.00 to 4.00 in. southeast.

Wheat, oats received moderate to heavy moisture midweek. Most stands need warm weather and are furnishing moderate to light grazing with overstocking widespread. Cotton harvest rapidly nearing completion even though set back at midweek because of ice and snow. Wheat continues slow growth, furnish short grazing High Plains due to short moisture and cold weather. Recent rain, snow furnished light moisture High Plains, good to excellent moisture elsewhere. Greenbug still heavy enough to require control measures. Oats: made moderate growth from Low Plains south and grazing available, but many fields overstocked. Cotton harvest 96% complete, well ahead of 90% in 1974 and average 87%. Harvest made good progress before ice, snow on High, Low Plains brought operations to standstill. Gins able catch up with backlogs ginning ricks and modules.

Lower Rio Grande Valley: Muddy fields slowed pepper, lettuce harvest. Rains beneficial to cabbage, carrots. Onions continue make good to excellent progress. Few late cucumbers, tomatoes still being picked. Broccoli, spinach, available light supply. Cabbage supplies continue increase. San Antonio-Winter Garden: Cabbage, carrot harvests remain active. Light supplies broccoli, cauliflower available. Spinach harvest continues seasonal increase. Onions continue make satisfactory growth. Laredo: Onions continue make good progress. Pecan harvest virtually complete south central

and central. Harvest activity concentrated Cross-Timbers, along Red River. Citrus harvest slowed by rain. Excellent rains covered State southeast of Low Plains. Warm weather needed small grain fields, pastures to respond. Moderate grazing available wheat, oat stands, but growth slow, overstocking common. Moderate to heavy feeding underway most areas helping maintain livestock condition.

UTAH: Precipitation during midweek throughout. Amounts generally light, ranging from just measurable western deserts to 0.46 in. north central. Temperature averages 1° below normal, greatest departure was 8° below normal in Uintah Basin.

Routine chores, care and feeding of livestock were major agricultural activities. Most farmers and ranchers took time off to enjoy Christmas. Sugarbeet processing continuous, also sorting, grading and marketing of potatoes, dry onions and apples from storage.

VIRGINIA: Temperatures averaged 6° below normal. Extremes: 62 and 6°. Precipitation averaged 0.75 to 1.50 in. Freezing rain, sleet caused power failure, damaged trees central and west.

Harvest corn, soybeans, sorghum, late seeding wheat, cover crops, all virtually complete. Livestock moved winter feeding areas. All tobacco markets closed holidays. Preparing burley, fire-cured, sun-cured tobacco for sales when warehouses re-open. Machinery repairs, cutting firewood, general farm chores. Hunting active during holiday season.

WASHINGTON: West: Temperatures near normal. Precipitation above normal.

Soil saturated from recent floods and following showers. Silting extensive in pastures. Flood damaged areas still assessing cattle and hay losses. Pruning and tying caneberries. East: Temperatures near normal. Precipitation slightly above normal.

Activities in orchards: Pruning, tree removal, and rodent control. Temperatures barely low enough to maintain winter hardiness of trees. Rain in far east areas caused standing water and some erosion. However, most moisture went into the ground. Livestock in good shape although feed lots are muddy. Feed and hay supplies adequate.

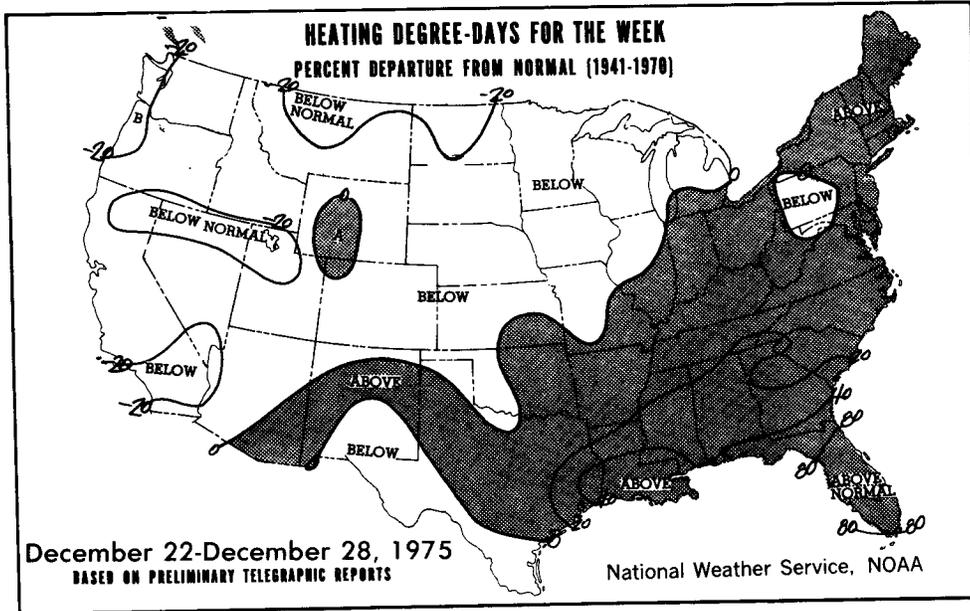
WEST VIRGINIA: Temperatures 1 to 5° below normal. Precipitation above normal north, below normal south and central. Precipitation was snow early week changing to rain.

Farm activity limited to necessary chores and feeding and caring for livestock.

WISCONSIN: Scattered snow flurries throughout, mainly north and west. Some freezing drizzle evening of 22d west central and north on 25th and 26th. Light snow southeast on afternoon of 24th. One inch accumulation Milwaukee and south. Generally mild temperatures prevailed. North and north central dipped 5° by weekend.

WYOMING: Cool, dry most areas. Coolest western half 1 to 5° below normal. East, temperatures warmer near to slightly normal. Precipitation very sparse. Most areas 0.05 to 0.10 in. below normal and some as much as 0.30 in.

Strong winds, dry soils, cause some soil blowing east which could use moisture. Increased supplemental feeding livestock west with snow cover. Hay, roughage supplies generally adequate. Livestock good condition. Care and feeding livestock major activity.



Heating Degree Days (Base 65°) For Week Ending Dec. 28, 1975

States and Stations	Weekly		Seasonal + Accumulation		States and Stations	Weekly		Seasonal + Accumulation		States and Stations	Weekly		Seasonal + Accumulation	
	TOTAL	Departure*	TOTAL	Departure*		TOTAL	Departure*	TOTAL	Departure*		TOTAL	Departure*	TOTAL	Departure*
ALA. Birmingham . . .	179	-32	1078	-7	Portland . . .	325	32	2573	-83	TULSA . . .	202	11	1310	-8
MOBILE . . .	130	34	608	16	MD. Baltimore . . .	225	3	1374	-295	OREG. Astoria . . .	116	-46	2016	-48
MOBILE . . .	155	31	877	20	MASS. Boston . . .	287	26	1559	-307	BURAS . . .	235	-37	2747	-33
ARIZ. Flagstaff . . .	252	-3	2684	-108	MI. Alpena . . .	287	26	1559	-307	Medford . . .	162	-36	1882	-3
PHOENIX . . .	87	-11	426	119	FLINT . . .	251	34	2119	-372	Pendleton . . .	164	-53	1748	-272
TUCSON . . .	221	-10	1964	171	GRAND RAPIDS . . .	291	12	2290	-106	Portland . . .	150	-26	1650	-186
WINLOW . . .	221	-10	1964	171	Houghton Lake . . .	291	24	2792	-242	Salee . . .	129	47	1965	20
YUMA . . .	57	-13	342	-12	Lansing . . .	289	7	2318	-125	PA. Allentown . . .	255	-1	1763	-305
ARK. Fort Smith . . .	196	19	1296	72	Marquette . . .	288	18	2810	-142	Krie . . .	268	1	2101	-265
LITTLE ROCK . . .	195	20	1212	-25	Husqueton . . .	286	15	2421	-236	Scranton . . .	275	9	1805	-355
CALIF. Bakersfield . . .	112	17	844	40	S. Ste. Marie . . .	328	6	3196	-110	Philadelphia . . .	237	13	1350	-329
FRESNO . . .	135	-8	1189	222	MN. Duluth . . .	343	32	3675	73	Pittsburgh . . .	256	1	2009	-161
LOS ANGELES . . .	54	-16	384	-155	INTERNAT. FALLS . . .	291	59	2701	-320	S.C. Charleston . . .	147	28	694	87
RED BLUFF . . .	110	-30	1073	136	MISS. Jackson . . .	356	63	2945	-13	Columbia . . .	161	21	887	25
SAN DIEGO . . .	51	12	383	49	Meridian . . .	181	35	1015	97	Greenville . . .	282	37	1123	67
SAN FRANCISCO . . .	107	-8	1302	208	MO. Columbia . . .	232	10	1751	-84	S. DAK. Aberdeen . . .	301	-62	2891	-256
STOCKTON . . .	143	-3	1127	138	KANSAS CITY . . .	244	16	1657	-45	Buron . . .	288	-56	2893	-27
COLO. Denver . . .	213	24	1261	47	Springfield . . .	212	4	1641	-18	Rapid City . . .	198	24	1320	67
GRAND JUNCTION . . .	235	-8	2282	156	MONT. Billings . . .	237	46	2695	-24	Sioux Falls . . .	303	-32	2868	6
PUEBLO . . .	207	-28	2011	6	GLASGOW . . .	294	59	3309	18	TEMN. Chattanooga . . .	216	41	1368	3
CONN. Bridgeport . . .	249	13	1469	-239	GREAT FALLS . . .	202	84	2871	48	KNOXVILLE . . .	198	24	1320	-124
HARTFORD . . .	310	34	1938	-298	HAVER . . .	234	-112	3098	-242	Memphis . . .	181	13	1067	-124
DELA. Wilmington . . .	235	9	1455	-250	BELEN . . .	247	55	3193	-238	Nashville . . .	186	4	1087	-304
D.C. Washington . . .	204	-2	1131	-349	BALENA . . .	272	48	3242	81	TEX. Abilene . . .	150	9	951	12
FLA. Apalachicola . . .	123	6	517	55	MILES CITY . . .	272	48	2970	51	Austin . . .	114	13	558	40
DAYTONA BEACH . . .	98	49	316	28	MINNEAPOLIS . . .	268	28	3180	21	Brownsville . . .	42	1	206	38
FT. MYERS . . .	52	24	150	6	LINCOLN . . .	256	27	2171	-65	Corpus Christi . . .	51	7	308	26
JACKSONVILLE . . .	136	59	530	66	NORFOLK . . .	270	35	2549	27	Del Rio . . .	87	-11	484	-84
KEY WEST . . .	12	8	15	9	NORTH PLATTE . . .	257	25	2793	63	El Paso . . .	144	-10	985	-72
LAKELAND . . .	81	41	260	50	VALLENTINE . . .	268	31	2791	110	Fort Worth . . .	132	0	718	-100
MIAMI . . .	30	16	82	19	WY. RLY . . .	270	13	2900	49	Galveston . . .	84	15	387	41
ORLANDO . . .	83	41	252	37	RENO . . .	209	24	2352	24	Houston . . .	110	25	545	122
TALLAHASSEE . . .	132	41	648	76	WINNEBUCCO . . .	198	55	2265	-293	Lubbock . . .	185	9	1191	-72
TAMPA . . .	78	36	267	45	H. H. CONCORD . . .	350	50	2824	170	Midland . . .	145	-1	926	40
W. PALM BEACH . . .	41	20	114	23	N. J. ATLANTIC CITY . . .	242	18	1685	-13	Beaumont . . .	131	45	668	48
GA. Atlanta . . .	188	27	1084	-87	TRENTON . . .	237	12	1428	-258	San Angelo . . .	137	11	850	18
AUGUSTA . . .	180	20	847	-118	N. MEX. ALBUQUERQUE . . .	170	19	1208	-263	San Antonio . . .	107	12	567	25
MACON . . .	158	32	835	-15	ROSWELL . . .	330	37	2207	-232	Victoria . . .	78	4	424	34
SAVANNAH . . .	138	26	668	-19	BIGHAMTON . . .	317	23	2387	-206	Waco . . .	124	6	639	71
IDAHO. Boise . . .	239	-3	2195	19	BUFFALO . . .	303	26	2155	-230	Wichita Falls . . .	174	-5	951	-86
LEWISTON . . .	194	-28	2000	-122	NEW YORK . . .	235	12	1393	-207	WYOM. Salt Lake C . . .	236	19	2111	-143
POCATELLO . . .	244	-38	2586	-98	ROCHESTER . . .	315	40	2148	-185	VT. Burlington . . .	378	59	2631	-145
ILL. Cairo . . .	303	9	1282	-106	SPRINGFIELD . . .	251	-6	1790	-197	VA. Lynchburg . . .	239	37	1451	-112
CHICAGO . . .	253	-19	1889	-242	IND. Evansville . . .	327	16	1570	-128	Richmond . . .	319	24	1201	-225
MOBILE . . .	232	-39	2015	-256	IND. Indianapolis . . .	266	13	1883	-132	Roanoke . . .	224	21	1384	-201
PEORIA . . .	232	-14	2049	-135	IND. South Bend . . .	257	-18	1862	-399	SEATTLE-TACOMA . . .	145	38	1565	-379
ROCKFORD . . .	273	-26	2335	-117	IOWA. Burlington . . .	256	-25	1921	-199	Spokane . . .	231	-32	2677	-4
SPRINGFIELD . . .	251	-6	1790	-197	DELA. Dover . . .	264	-36	2034	-347	Walla Walla . . .	183	-24	1711	-162
IND. Evansville . . .	327	16	1570	-128	DUBUQUE . . .	282	-32	2470	-181	Takama . . .	221	-28	2268	-130
FORT WAYNE . . .	266	13	1883	-132	IAWA. Des Moines . . .	264	-36	2034	-347	W. VA. Beckley . . .	278	40	1814	-310
IND. South Bend . . .	257	-18	1862	-399	LA. Baton Rouge . . .	143	48	882	81	Charleston . . .	242	30	1531	-170
IOWA. Burlington . . .	256	-25	1921	-199	LAKE CHARLES . . .	128	44	599	87	Huntington . . .	241	26	1513	-164
DELA. Dover . . .	264	-36	2034	-347	NEW ORLEANS . . .	142	60	526	116	Parkerburg . . .	240	17	1690	55
DUBUQUE . . .	282	-32	2470	-181	SHREVEPORT . . .	138	19	762	-22	WIS. Green Bay . . .	315	14	2832	-5
SLAUX CITY . . .	232	-7	1915	-103	MAINE. Bangor . . .	412	46	3595	40	LaCrosse . . .	289	25	2567	80
LAKE CHARLES . . .	128	44	599	87	MAINE. Bangor . . .	412	46	3595	40	Madison . . .	286	38	2406	-338
NEW ORLEANS . . .	142	60	526	116	MAINE. Bangor . . .	412	46	3595	40	Milwaukee . . .	289	15	2211	-407
SHREVEPORT . . .	138	19	762	-22	MAINE. Bangor . . .	412	46	3595	40	WYO. Casper . . .	279	4	2770	-38
MAINE. Bangor . . .	412	46	3595	40	MAINE. Bangor . . .	412	46	3595	40	Cheyenne . . .	324	13	2642	47
MAINE. Bangor . . .	412	46	3595	40	MAINE. Bangor . . .	412	46	3595	40	Lander . . .	278	18	3030	-46
MAINE. Bangor . . .	412	46	3595	40	MAINE. Bangor . . .	412	46	3595	40	Sheridan . . .	256	-34	2846	-36

* Based on 1941-70 Normals. † Accumulation July 1, 1975

Weekly Weather and Crop Bulletin Index, 1975

Regular Features

Weather Summaries:

- Weekly Each issue
- Monthly First issue of following month
- Seasonal Second issue of Mar., June, Sept., Dec.

National Agricultural Summary

- Small Grains Each issue
- Corn April to December
- Soybeans April to December
- Cotton April to January
- Other Crops Each issue
- Fruits and Nuts Each issue
- Vegetables Each issue
- Pasture and Livestock Each issue

- State Summaries of Weather and Agriculture Each issue
- Water Supply Forecasts for Western States January to April
- World Agricultural Weather Summary Third issue of following month
- World Weather and Crop Update As appropriate

Charts:

Weekly:

- Total Precipitation Each issue
- Departure of Average Temperature from Normal Each issue
- Depth of Snow on Ground December to March
- Total Growing Degree-Days April to November
- Growing Degree-Day Departures from Normal Periodically, April to November
- Crop Moisture Index April to November
- Palmer Index, Discussion of Drought Areas First issue of each month, April to November
- Heating Degree-Days:
- Departure of Week from Normal November to March
- Departure of Seasonal Accumulation from Normal November to March
- Departure of Seasonal Accumulation from Last Year November to March

Twice Monthly:

- Average Monthly Weather Outlook First issue after 1st and 15th of each month
- Agricultural Implications of Weather Outlook April to November

Monthly:

- Total Precipitation First issue of following month
- Departure of Average Temperature from Normal First issue of following month
- Percentage of Normal Precipitation First issue of following month
- Percent of Possible Sunshine Second issue of following month
- Pasture and Range Condition Second issue of following month-March to November

World Weather:

- Average Temperature Third issue of following month
- Departure of Average Temperature from Normal Third issue of following month
- Total Precipitation Third issue of following month
- Percentage of Normal Precipitation Third issue of following month

Seasonal:

- Departure of Average Temperature from Normal Second issue of Mar., June, Sept., Dec.
- Total Precipitation Second issue of Mar., June, Sept., Dec.
- Percentage of Normal Precipitation Second issue of Mar., June, Sept., Dec.
- Ninety Day Outlook for Average Temperature Second issue of Mar., June, Sept., Dec.

Tabulations:

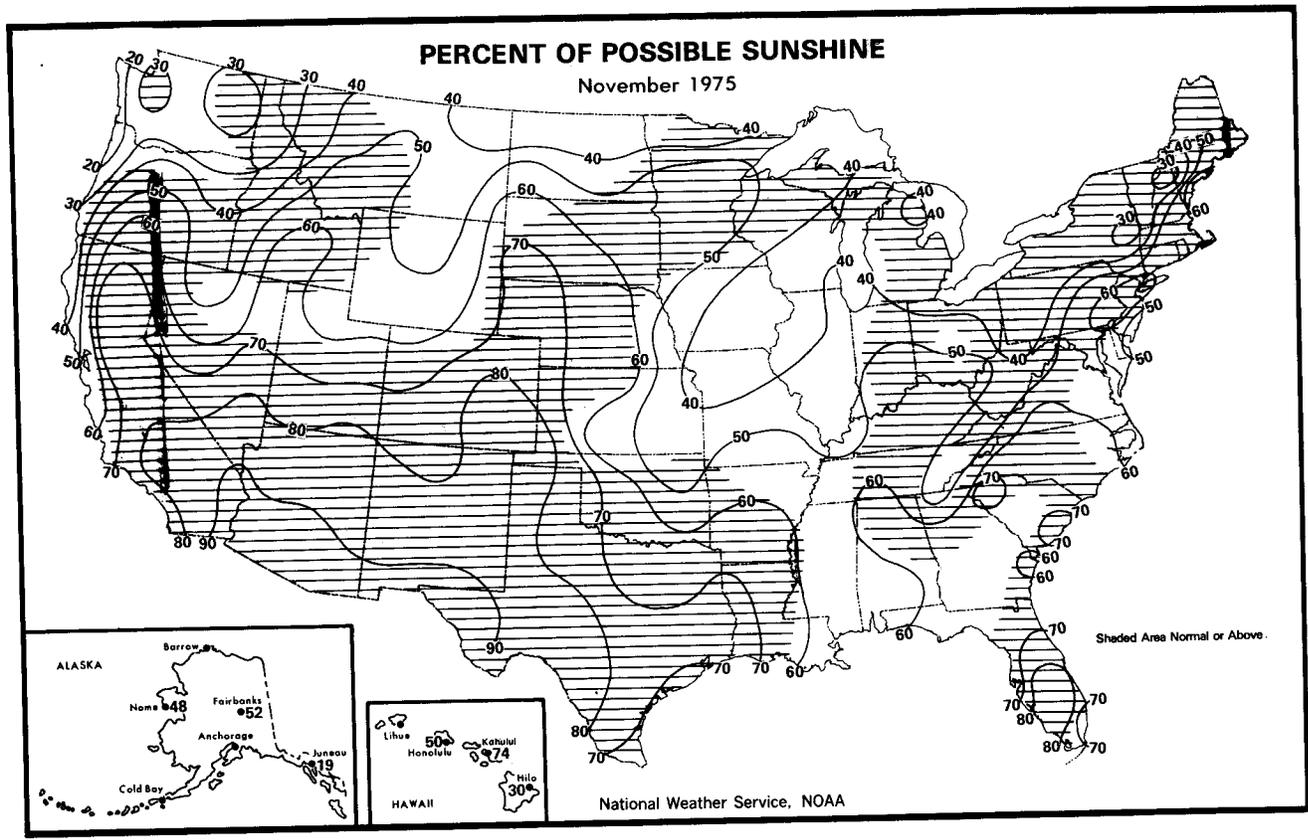
- Temperature and Precipitation Data for Week Each issue
- Temperature and precipitation Data for Month First issue of following month
- Heating Degree-Days for Month First issue of following month
- Heating Degree-Day Statistics for Week and Season Each issue, Nov. to March
- Planting, Seeding, and Harvesting Progress As Available

Special Articles

No.

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Average Monthly Weather Outlook

