

# ILLINOIS WEATHER & CROPS



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## Merry Christmas and Happy New Year

### CROPS

**WINTER WHEAT** condition on December 18 was reported as 16% excellent, 75% good, and 9% fair. Wheat conditions have improved with the recent moisture. Weather conditions were relatively mild until December 14 when Illinois received its first significant snowstorm. This storm provided good cover for the wheat crop in the northern half of the State and provided good moisture to the southern half.

**SOIL MOISTURE** on December 18 was reported as 33% short, 59% adequate, and 8% surplus. Additional rainfall was received over much of the State over the weekend.

**LIVESTOCK** condition across the State is mostly good. The mild weather conditions have been favorable until the past week. The cold, wet weather last week increased supplemental feeding, while decreasing feed efficiency and gains. It also has made feeding and bedding more difficult. Despite increased feeding of hay due to the snowstorm, hay supplies are adequate across the State.

#### ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	Winter wheat condition			Soil moisture percent		
	Excellent	Good	Fair	Short	Adequate	Surplus
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Week ending December 18						
Northwest	20	65	15	15	80	5
Northeast	0	100	0	25	55	20
West	10	90	0	65	35	0
Central	10	70	20	95	5	0
East	20	75	5	5	80	15
West-Southwest	10	85	5	50	45	5
East-Southeast	25	70	5	15	85	0
Southwest	30	65	5	5	65	30
Southeast	10	65	25	20	80	0
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State	16	75	9	33	59	8
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**PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES**

	NW	NE	W	C	E	WSW	ESE	SW	SE
November	2.78	2.39	1.81	2.43	4.12	3.46	3.19	4.66	3.60
Departure	0.60	0.21	-0.37	0.19	1.72	0.89	0.03	1.19	-0.04

**NOVEMBER WEATHER SUMMARY**

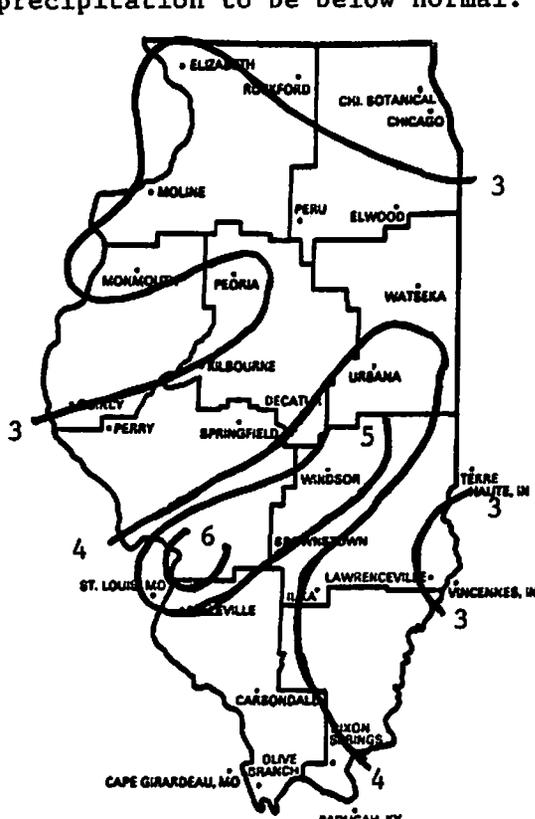
Illinois recorded above normal temperatures and near normal precipitation.

The Statewide average monthly **TEMPERATURE** was 4.4 degrees above normal as temperatures ranged from 2 to 8 degrees above normal. The warmest portion of the State was the West-Southwest District, while the coolest area was in the Northeast. The month started with temperatures above normal, with maximum readings climbing into the 70's in the North and 80's in the South. Temperatures fell to near normal levels during midmonth and then fell below normal in the third week. Minimum readings fell into the teen's (the coldest night for most areas was the 21st). A warm trend developed during the fourth week, but it only lasted a few days.

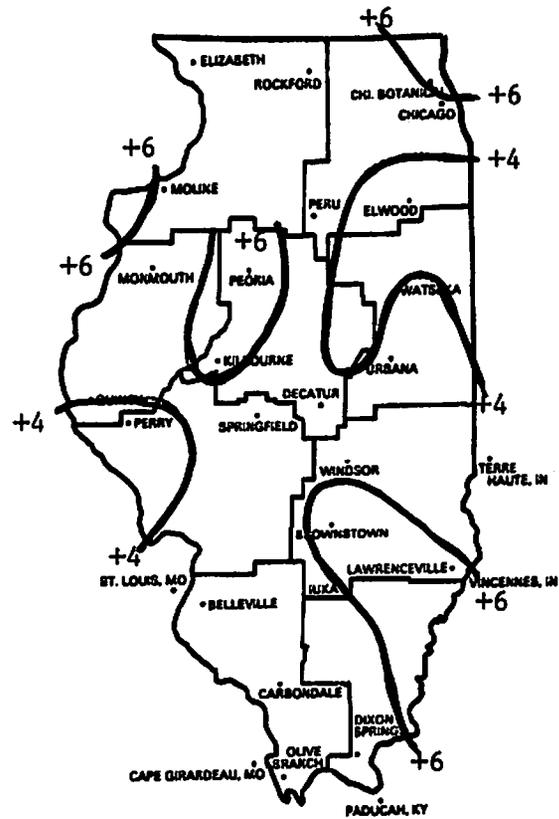
**PRECIPITATION** averaged slightly above normal in the State (0.49 of an inch above normal). Most districts, except the West and Southeast Districts, were above normal. The largest above normal variation was in the East District (1.72 inches above normal). The largest below normal variation was in the West District (-0.37 of an inch below normal). A station in the West-Southwest District, near Edwardsville, recorded the largest monthly rainfall (7.60 inches). A station in the West District, near Galesburg, recorded the least amount of rainfall during the month (0.62 of an inch). Scattered, light showers fell over the State during the first half of the month. The heaviest rain fell in the latter half of November. During the latter half of the month, 1 to 2 inches of snow fell on the northern part of the State.

The **OUTLOOK** for the rest of December is for temperatures and precipitation to be near normal.

The **90-DAY OUTLOOK** from December through February is for temperatures and precipitation to be below normal.



**NOVEMBER 1987  
PRECIPITATION**



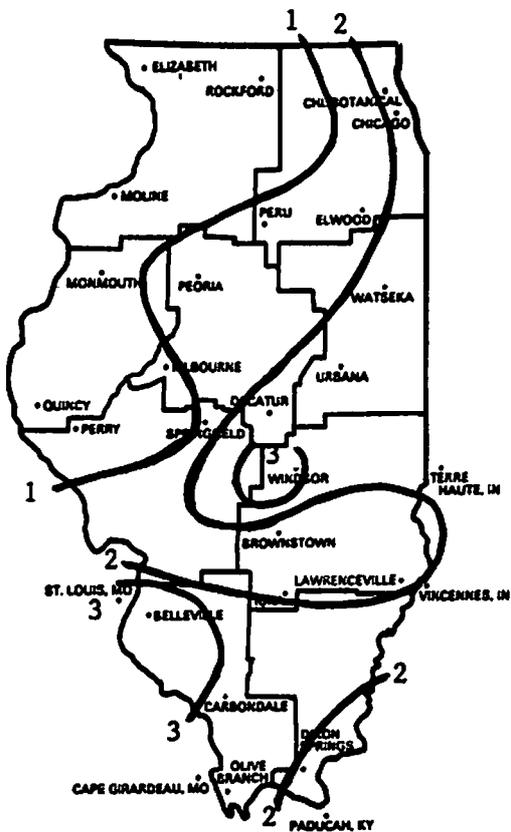
**NOVEMBER 1987 TEMPERATURE  
DEVIATIONS FROM AVERAGE**

**WEATHER SUMMARY, DECEMBER 1-15, 1987**

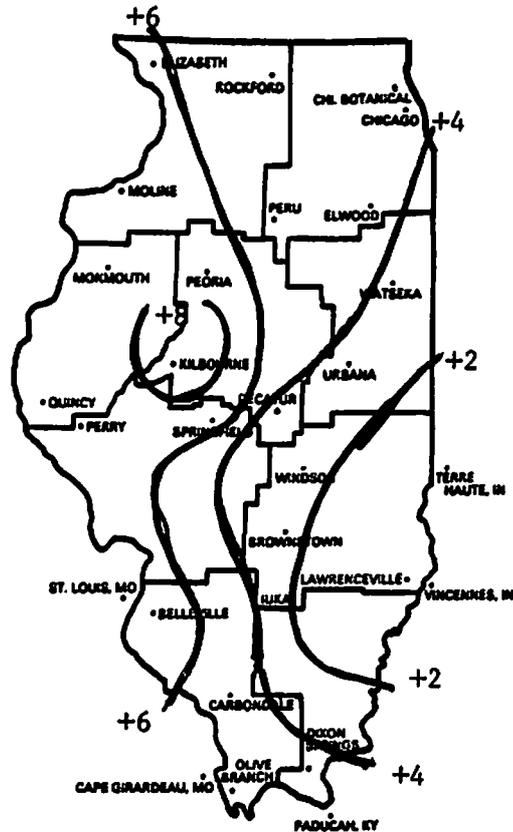
RELATIVELY MILD AND WET WEATHER DOMINATED ILLINOIS FOR THE FIRST FIFTEEN DAYS OF DECEMBER. AVERAGE TEMPERATURES WERE AS MUCH AS 6 DEGREES ABOVE NORMAL FOR THE PERIOD WITH HIGHS AVERAGING IN THE UPPER 30'S NORTHWEST TO THE MID-40'S CENTRAL AND AROUND 50 IN THE EXTREME SOUTH. AVERAGE DAILY LOWS RANGED FROM MID-20'S NORTHWEST TO THE UPPER 20'S AND LOWER 30'S NORTHEAST AND CENTRAL AND THE LOW TO MID-30'S SOUTH.

AMPLE PRECIPITATION KEPT SOIL MOISTURE SUPPLIES IN SURPLUS IN NORTH AND CENTRAL AREAS BUT MANY SOUTHERN AREAS STILL CAME UP SHORT OF NORMAL FOR THE TWO-WEEK PERIOD. TOTALS FOR THE PERIOD RANGED FROM AN INCH AND A QUARTER TO JUST OVER THREE INCHES. TOTALS OF TWO TO TWO AND A HALF INCHES WERE QUITE COMMON OVER THE BROAD CENTRAL SECTION OF THE STATE.

LOOKING AHEAD TO THE WEEK BEGINNING DECEMBER 21, ILLINOIS SHOULD EXPERIENCE A COUPLE OF FRONTAL SYSTEMS. THE FIRST WILL DROP SOME LIGHT SNOW AND RAIN TUESDAY. DRY AND FAIR WEATHER WEDNESDAY WILL IN TURN BE FOLLOWED BY A CHANCE OF RAIN IN SOUTH AND CENTRAL ILLINOIS WITH RAIN AND SNOW NORTH THURSDAY AND FRIDAY. HIGH TEMPERATURES WILL RANGE FROM THE MID AND UPPER 30'S NORTH TO THE MID AND UPPER 40'S IN THE SOUTH. LOWS WILL DROP TO NEAR 30 NORTH AND REMAIN IN THE 30'S ABOVE FREEZING CENTRAL AND SOUTH.



**PRECIPITATION (INCHES)  
DECEMBER 1-15, 1987**



**TEMPERATURE DEVIATION FROM  
AVERAGE (°F) DECEMBER 1-15, 1987**

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CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.

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