

# ILLINOIS WEATHER & CROPS



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## ILLINOIS STATE WATER SURVEY

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### CROPS

Late harvest of the corn and soybean crops is virtually complete over much of the State except for the southern third. Muddy fields in the southern part of the State will prevent further harvest progress until there is a hard freeze. Condition of the grain left in the field has deteriorated, and lodging has occurred in some areas.

Ninety-seven percent of the CORN crop had been harvested for grain by Sunday, December 16. Harvest of the crop was complete for last year and the 5-year average (1979-83).

Harvest of the SOYBEAN crop was 95% complete as of December 16, compared to 100% for both last year and the average.

WINTER WHEAT condition as of December 16 was 3% excellent, 52% good, 34% fair, and 11% poor. Mild fall temperatures have aided germination and emergence of late planted wheat, but excess moisture has caused ponding in low-lying fields.

Ninety percent of the SORGHUM acreage had been harvested for grain by Sunday, December 16. Harvest of the crop was virtually complete for last year and the average.

As of Sunday, December 16, 53% of the 1985 intended Corn and Soybean acreage had been TILLED (plowed or chiseled), well behind last year and the average.

PASTURE condition was 6% excellent, 54% good, 30% fair, and 10% poor as of December 14.

SOIL MOISTURE on December 14 was reported to be 47% adequate, 51% surplus, and 2% short.

### WEATHER

This past week was warm and wet, with TEMPERATURES reminiscent of Christmas two years ago. Mean temperatures varied from the mid 30's in the North to the low 50's in the South, or about 10 to 20° above the 30-yr normals.

PRECIPITATION was greater than normal at all locations other than a few in Central Illinois. Rainfall between about 0.5" and 1.5" fell over the State, with this being from 0.3" to 0.9" above the 7-day normal. There was no snowfall during the week.

The OUTLOOK for December 17-23 calls for clear and seasonably cold temperatures by mid-week, with a warming trend and chance of showers on the weekend.

### WINTER WEATHER OUTLOOK

The period from mid-December to mid-January is expected to be warm and wet over Illinois. PRECIPITATION should be above normal throughout the State and TEMPERATURES should also be above normal, but particularly over the southeastern one-half. Normal precipitation varies from about 2.0" in Northern Illinois to 3.4" in the South. Normal high temperatures are in the low 30's in the North to the mid 40's in the South. Daily minima are about 18° lower.

PRECIPITATION is expected to be greater than normal over the entire State for December through February. Normal precipitation is about 5.5" for the three months in the North, and about 10.1" in the South. These are water equivalent units, i.e., that which remains when frozen or freezing precipitation have been melted. TEMPERATURES for the winter season are expected to be near normal throughout the State. Mean daily high temperatures for the season are about 34° in Northern Illinois and about 45° in the South. Daily lows are about 20 degrees less than the highs.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of December 16											
Corn: % harvested	99	99	98	100	100	96	93	85	88	97	100
Soybeans: % harvested	100	100	98	100	100	95	90	83	83	95	100
Week ending December 14											
Soil Moisture %											
Short	0	0	0	10	5	0	0	0	0	2	
Adequate	90	70	70	45	90	45	15	0	0	47	
Surplus	10	30	30	45	5	55	85	100	100	51	

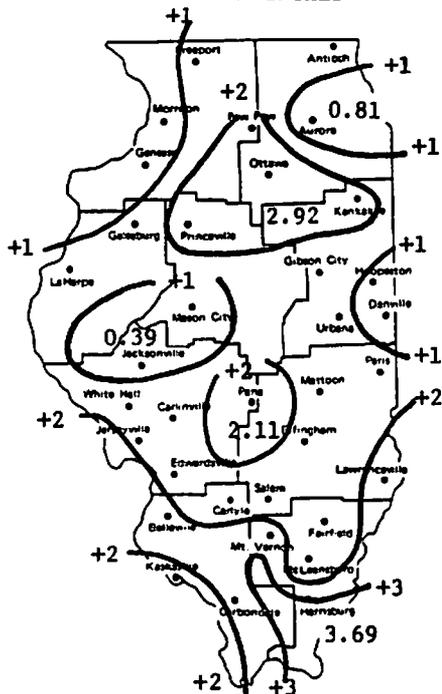
CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serve. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

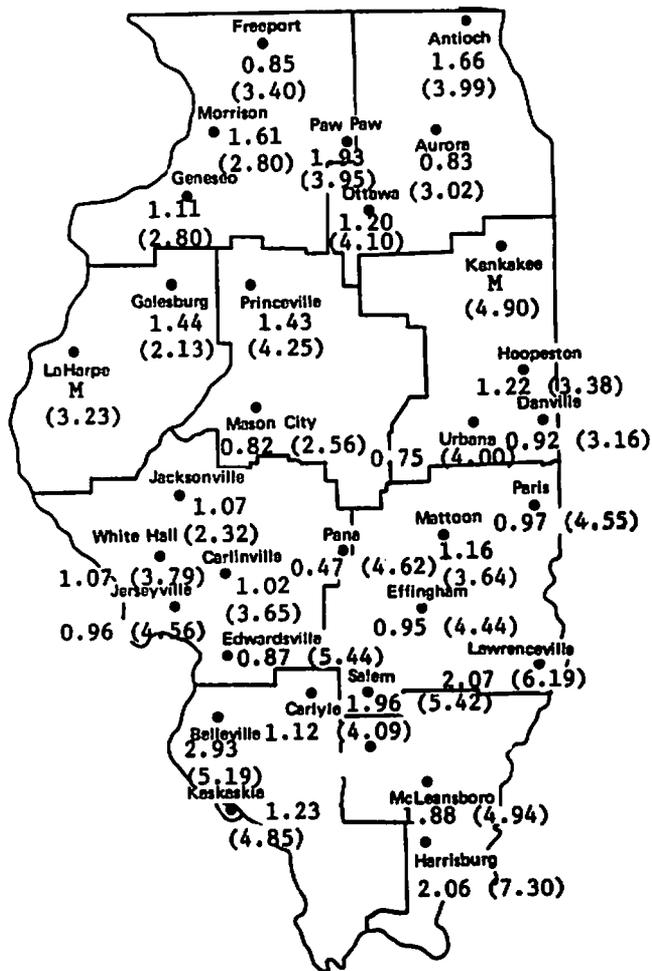
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NOVEMBER PRECIPITATION--DEVIATIONS  
FROM NORMAL IN INCHES



PRECIPITATION: M-Missing  
First figure-Dec.1-16, 1984  
Parenthesis-November 1984



NOVEMBER TEMPERATURE--DEVIATIONS  
FROM NORMAL--°F

