

# ILLINOIS

# WEATHER & CROPS



## ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture  
 STATISTICAL REPORTING SERVICE USDA  
 Box 429 Springfield, Illinois 62705  
 Phone: (217) 492-4295

### CONTRIBUTORS:

National Weather Serv. Forecast Office (Chicago)  
 Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.)  
 Illinois State Water Survey Div., DENR (Champaign)

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### CROP HI-LITES

\*\*\* Corn - 97% harvested

\*\*\* Soil Moisture - 2% short  
 80% adequate  
 18% surplus

Ninety-seven percent of the CORN crop has been harvested as of Sunday, November 21, compared to 94% last year and the 5-year average (1977-81) of 95%.

The 1983 WINTER WHEAT crop as of Friday, November 19, was reported as 13% excellent, 81% good and 6% fair.

As of November 21, 57% of the intended ground for Corn and Soybeans has been TILLED (plowed or seeded) for next year's crop. This compares with last year and the average of 64%.

SORGHUM on November 21 was 97% harvested.

PASTURES on Friday, November 19, were reported as 3% excellent, 66% good, 26% fair and 5% poor. As of November 21, pastures were supplying 35% of the total livestock roughage requirements, compared with the average of 32%.

SOIL MOISTURE was reported as 2% short, 80% adequate and 18% surplus on November 19.

There were 4.50 DAYS SUITABLE FOR FIELDWORK for the week ending November 19.

### WEATHER

TEMPERATURES for the period of November 15 thru 21 averaged from normal to 7 degrees above normal throughout the State as a warm trend continued for the second straight week. Minimum readings again fell below 20 degrees in the north and central sections.

PRECIPITATION was light to moderate in most sections. Amounts ranged from .10 to .50 of an inch in the Northeast, and from 1 to 2 inches in southern sections.

The OUTLOOK for the period of November 23 thru 30 is for temperatures and precipitation to be below normal.

### OCTOBER WEATHER SUMMARY

Average monthly TEMPERATURES ranged from 1 degree above normal to 1 degree below normal throughout the State. The East-Southeast District had the largest above normal variation (1.3 degrees above normal), while the largest below normal variation was in the East District (1.3 degrees below normal). Temperatures were above normal during the first week with maximum readings climbing into the 80's. During the next 2 weeks, readings were below normal and minimum temperatures dropped into the 20's. By the end of the month, above normal readings were again recorded.

PRECIPITATION was below normal in many sections. However, the Northwest and several southern districts were above normal. The largest below normal variation was in the Southeast District, and the largest above normal variation was in the Northwest District. During the first week, rainfall was heavy with amounts ranging from 1 to 2 inches. A dry period set in during the second week in most areas of the State, and in the 3rd and 4th week, most areas recorded normal rainfall amounts.

The EXTENDED OUTLOOK from November 15 to December 15 is for temperatures to be below normal and precipitation to be above normal.

### SOIL MOISTURE MEASUREMENTS

Soil moisture decreased during the week of November 9 to 15 in spite of 0.67 inch of precipitation on a moderately well-drained Flanagan soil south of Bondville in Champaign County according to measurements taken by the Illinois State Water Survey.

Soil moisture from the surface to about 7 feet fell from 60% to 58% of Potential Plant Available Moisture (PPAM). From the surface to 4-inch depth the loss was from 56% to 43% of PPAM, from 4 to 12 inches there was a gain from 46% to 49% of PPAM, while the layer from 12 to 20 inches below sod decreased from 29% to 27% of PPAM.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: % harvested (as of November 21)	93	95	96	99	99	97	100	99	99	97	95
Days suitable for fieldwork: (week ending Nov.19)	4.0	5.0	4.5	3.5	4.5	3.5	4.5	5.0	5.0	4.50	
Soil moisture %: (as of Nov.19)											
Short	--	--	--	--	10	--	--	10	--	2	
Adequate	65	80	50	100	80	80	100	60	100	80	
Surplus	35	20	50	--	10	20	--	30	--	18	

This is the last weekly Weather & Crop bulletin for the 1982 season. The next regularly scheduled bulletin will be published about mid-December and monthly thereafter until the beginning of April 1983. The continued cooperation of our weekly crop reporters and weather reporters has made this service available to Illinois agriculture. The Illinois Cooperative Crop Reporting Service and the Weather Service contributors join in expressing our thanks for their faithful help.

Illinois Weather & Crops  
November 22, 1982

# ILLINOIS WEATHER

## PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
October	3.33	2.55	2.41	2.01	2.25	3.33	3.36	2.95	1.94
Departure	+0.63	-0.01	-0.62	-0.75	-0.56	+0.35	+0.59	+0.10	-0.82

PRECIPITATION:  
First figure--Current week, Nov.16-22  
Parentheses--Previous week  
M--Missing. T--Trace.

## MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	September	October	Oct. 26- Nov. 1	Nov. 2- 8	Nov. 9- 15	Nov. 16- 22
Chicago	-1	-1	+7	-1	+2	+5
Peoria	-1	0	+8	-1	+3	+6
Springfield	-1	-1	+6	-1	+5	+6
St. Louis	-2	-1	+6	-1	+5	+6

### November 22

STATION	Temperature		
	Week ending Monday 6 A.M.		
	Maximum	Minimum	Average
Moline	69	22	43.3
Rockford	66	11	41.8
Chicago O'Hare	66	23	42.7
Quincy	67	30	45.6
Decatur	66	25	45.8
Peoria	69	28	44.2
Watseka	58	17	42.9
Springfield	70	27	46.9
Brownstown	65	24	47.2
St. Louis	75	27	50.3
Dixon Springs	68	20	50.2

