

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 - 66% harvested
- *** Soybeans - 91% harvested
- *** Wheat - 84% seeded
55% emerged
- *** Soil Moisture - 8% short
85% adequate
7% surplus

Sixty-six percent of the CORN crop has been harvested as of Sunday, October 24, compared to 53% last year and the 5-year average (1977-81) of 61%. Harvest was active throughout the State, but slowed a bit in Central Illinois by wind-blown down

Ninety-one percent of the SOYBEANS have been harvested as of October 24, compared to 83% last year and the average of 87%.

Eighty-four percent of the 1983 WINTER WHEAT crop in Illinois has been seeded as of October 24, compared to 70% last year and the average of 78%. Fifty-five percent of next year's wheat crop has emerged compared to 46% last year and a three-year average (1979-81) of 52%.

As of October 24, 26% of the intended ground for Corn and Soybeans has been TILLED (plowed or chiseled) for next year's crop. This compares with 19% last year and the average of 29%.

SORGHUM on October 24 was 60% harvested.

PASTURES on Friday, October 22, were reported as 8% excellent, 71% good, 19% fair and 2% poor.

MOISTURE was reported as 8% short, 85% adequate and 7% surplus on October 22.

There were 5.0 DAYS SUITABLE FOR FIELDWORK for the week ending October 22.

WEATHER

TEMPERATURES for the period of October 18 thru 24 averaged from 5 to 9 degrees below normal throughout the State for the second straight week. The central sections recorded the largest below normal variation and minimum readings fell into the 20's in many sections setting new records.

PRECIPITATION was moderate in most sections, ranging from .40 of an inch to more than an inch.

The OUTLOOK for the period of October 26 thru November 2 is for temperatures to be near normal and precipitation to be below normal.

SEPTEMBER WEATHER SUMMARY

Average monthly TEMPERATURES ranged from normal to 3 degrees below normal throughout the State. The Northeast District had the largest below normal variation (2.9 degrees below normal). Temperatures were above normal during the first 3 weeks with several short-lived cool periods. Several new minimum temperature records were set in the North in these areas. The fourth week was the coolest and some sections of the State again set new lows.

PRECIPITATION was below normal in the North and Central Districts while the remaining sections were slightly above normal. The largest below normal variation was again in the East District, and the largest above normal variation was in the East-Southeast District. During the first week, rainfall was heavy in the South with amounts ranging from 1 to 3 inches, but the North received light amounts. A dry period set in during the second week in most areas of the State, but in the third and fourth week the South again recorded heavy amounts.

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

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 Oct.24)	55	50	60	70	75	65	80	75	80	66	61
Soybeans: % combined (as of Oct.24)	93	93	90	95	97	86	93	82	86	91	87
Suitable for fieldwork (week ending Oct.22)	5.0	5.0	5.0	5.0	4.5	4.5	5.0	6.0	6.5	5.00	
Soil moisture %:											
(as of Oct.22) Short	10	20	10	20	--	--	--	--	15	8	
Adequate	90	70	85	80	90	95	100	65	85	85	
Surplus	--	10	5	--	10	5	--	35	--	7	

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ILLINOIS WEATHER

PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
September	1.91	1.66	3.41	2.43	1.00	3.03	4.23	3.55	3.31
Departure	-1.71	-1.65	-0.43	-1.02	-2.02	-0.30	+1.08	+0.13	+0.17

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

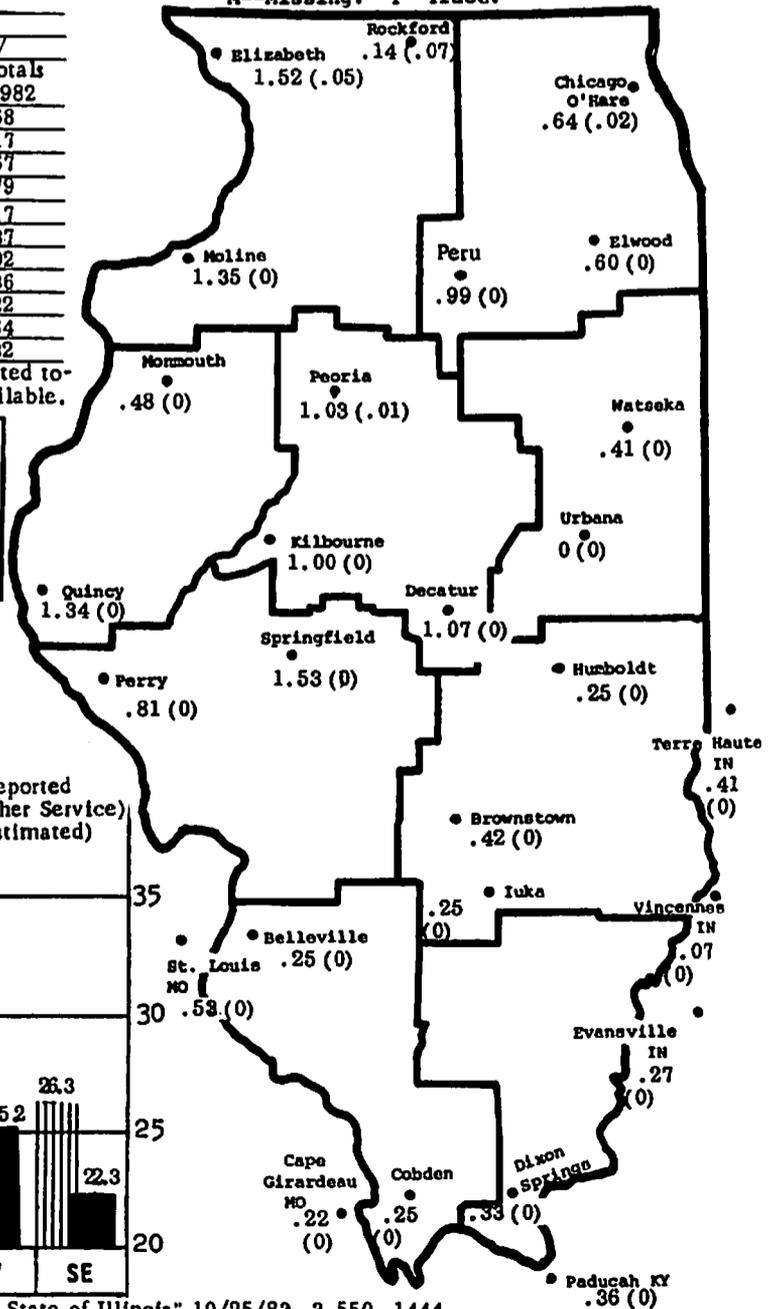
	August	September	Sept. 28- Oct. 4	Oct. 5- 11	Oct. 12- 18	Oct. 19- 25
Chicago	-2	-1	+6	+6	-4	-7
Peoria	-2	-1	+7	+8	-3	-7
Springfield	-2	-1	+7	+7	-4	-8
St. Louis	-2	-2	+6	+8	-4	-8

PRECIPITATION:
First figure--Current week, Oct. 19-25
Parentheses--Previous week
M--Missing. T--Trace.

Station	Week ending Monday, 6 A.M., Oct. 25, 1982					
	Temperatures		Growing degree days 1/			
	Maxi- mum	Mini- mum	Aver- age	Current week	3-yr. av. 2/	Totals 1981 : 1982
Moline	73	25	44.9	28	3354	3253 3368
Rockford	72	24	40.9	16	3055	3026 3017
Chi. O Hare	72	22	43.9	28	3138	3058 2967
Quincy	70	30	46.0	26	3707	3459 3379
Decatur	70	25	42.6	20	3522	3357 3317
Peoria	71	26	44.7	26	3438	3527 3437
Watseka	70	22	42.8	22	3/	3077 3102
Springfield	73	24	44.2	28	3771	3784 3636
Brownstown	70	26	44.6	27	3/	3754 3522
St. Louis	75	29	47.8	38	4180	4075 3984
Dixon Springs	74	29	51.0	55	3/	4149 4032

1/ Totals are accumulated from April 1. 2/ Average of accumulated totals for 1979, 1980 and 1981. 3/ Previous years' data are not available.

Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.



ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

April 1-Oct. 31

April 1-Oct. 25

April 1-Sept. 30 (reported by National Weather Service)
Oct. 1-Oct. 25 (estimated)

