

# ILLINOIS WEATHER & CROPS



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CROP HI-LITES

- \*\*\* Corn - 28% harvested
- \*\*\* Soybeans - 75% harvested
- \*\*\* Wheat - 45% seeded  
18% emerged
- \*\*\* Soil Moisture - 29% short  
67% adequate  
4% surplus

SORGHUM on October 10 was 45% harvested.

PASTURES on Friday, October 8, were reported as 6% excellent, 62% good, 27% fair and 5% poor.

SOIL MOISTURE was reported as 29% short, 67% adequate and 4% surplus on October 8.

There were 5.75 DAYS SUITABLE FOR FIELDWORK for the week ending October 8.

WEATHER

TEMPERATURES for the period of October 4 thru 10 averaged from 5 to 9 degrees above normal throughout the State as a warm trend continued through the second straight week. Maximum temperatures again climbed into the 80's in many sections.

PRECIPITATION amounts were heavy in most sections with amounts ranging from 1 to 2 inches. Some areas received more than 1 inch during a 24-hour period.

Twenty-eight percent of the CORN crop has been seeded as of Sunday, October 10, compared to 24% year and the 5-year average (1977-81) of 31%.

Seventy-five percent of the SOYBEANS have been harvested as of October 10, compared to 48% last year and the average of 58%.

Forty-five percent of the 1983 WINTER WHEAT crop in Illinois has been seeded as of October 10, compared to 33% last year and the average of 41%. Eighteen percent of next year's wheat crop has emerged compared to 12% last year and a three-year average of 8%.

As of October 10, 15% of the intended ground for Corn and Soybeans has been TILLED (plowed or chiseled) for next year's crop. This compares with 10% last year and the average of 12%.

The OUTLOOK for the period of October 13 thru 19 is for temperatures to be below normal and precipitation to be near 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 of Oct. 10)	22	22	23	32	31	25	30	40	50	28	31
Soybeans: % combined of Oct. 10)	65	65	72	85	93	65	88	55	62	75	58
Days suitable for field-work: (week ending Oct. 8)	6.5	6.5	6.0	5.5	6.0	4.5	6.0	5.5	6.0	5.75	
Soil moisture %:											
(as of Oct. 8) Short	60	60	15	35	25	--	20	--	35	29	
Adequate	40	40	85	60	75	85	80	80	65	67	
Surplus	--	--	--	5	--	15	--	20	--	4	

Illinois Weather & Crops  
October 12, 1982

# ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

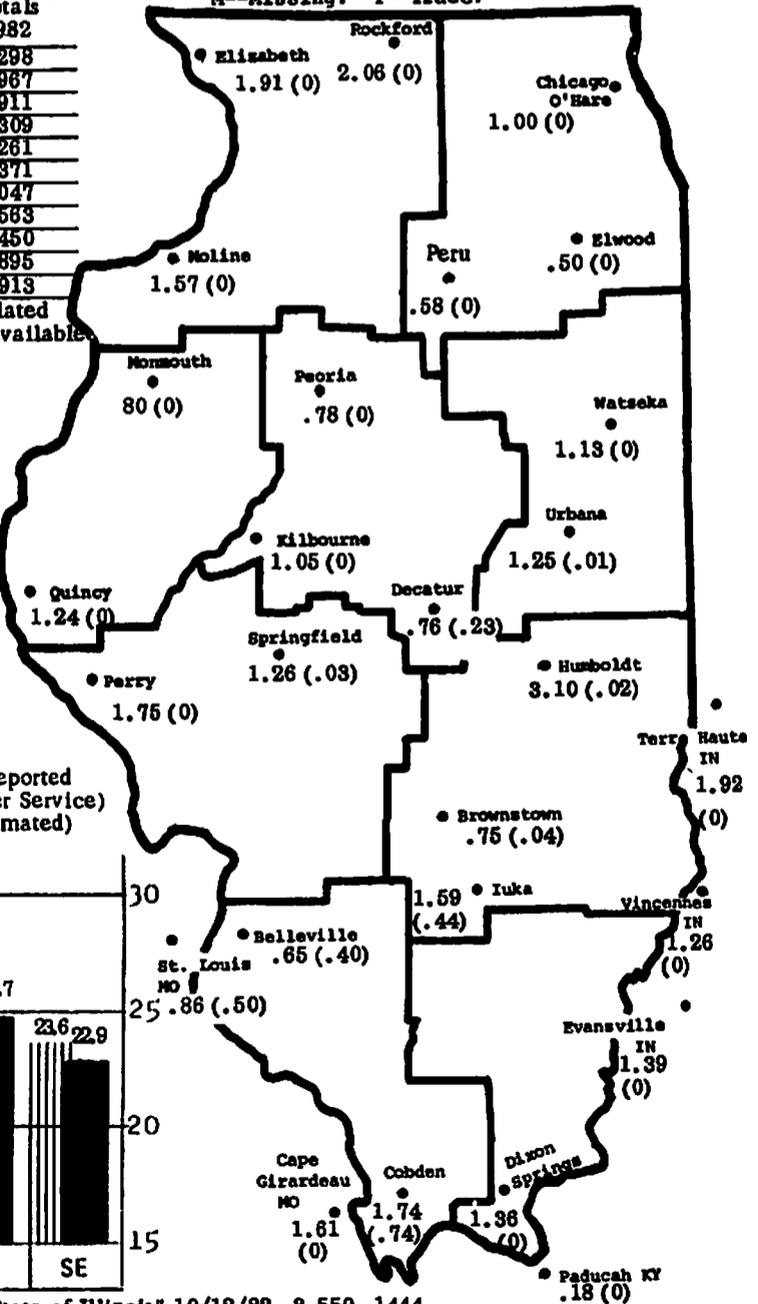
	July	August	Aug. 31- Sept. 6	Sept. 7- 13	Sept. 14- 20	Sept. 21- 27	Sept. 28- Oct. 4	Oct. 5- 11
Chicago	+2	-2	0	+3	+3	-8	+6	+6
Peoria	+2	-2	+1	+3	+3	-7	+7	+8
Springfield	+1	-2	+1	+4	+4	-8	+7	+7
St. Louis	0	-2	0	+3	+3	-7	+6	+8

Week ending Monday, 6 A.M., October 12

Station	Temperatures		Growing degree days 1/				
	Maxi-	Mini-	Aver-	Current	3-yr.	Totals	Totals
	mum	mum	age	year	av. 2/	1981	1982
Moline	83	42	64.8	110	3251	3175	3298
Rockford	86	39	61.6	94	2967	2967	2967
Chi. O'Hare	87	40	62.4	99	3047	2992	2911
Quincy	88	46	66.6	118	3579	3367	3309
Decatur	85	46	65.2	112	3410	3280	3261
Peoria	87	43	65.7	113	3368	3462	3371
Watseka	86	42	64.6	110	3/	2949	3047
Springfield	88	45	66.4	118	3629	3677	3563
Brownstown	84	52	67.9	126	3/	3586	3450
St. Louis	86	54	70.2	141	4025	3969	3895
Dixon Springs	85	54	71.3	150	3/	4028	3913

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

PRECIPITATION:  
First figure--Current week, Oct. 5-11  
Parentheses--Previous week  
M--Missing. T--Trace.



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-Sept. 30 | April 1-Oct. 12  
April 1-August 31 (reported by National Weather Service)  
Sept. 1-Oct. 12(estimated)

