

# ILLINOIS

# WEATHER & CROPS



## ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture  
Economics, Statistics &  
Cooperatives Service—USDA  
Box 429 Springfield, Illinois 62705  
Phone: (217) 782-4898

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DOC, NOAA, NATIONAL WEATHER SERVICE

### CROP HI-LITES

- \*\*\* Soybeans - 26% turning yellow > 8% shedding leaves
- \*\*\* Corn - 85% dented, 40% mature
- \*\*\* Soil Moisture - 57% short 43% adequate

CORN was 85% dented as of Sunday, August 31. This compares to 57% last year and the 5-year (1975-79) average of 74%. Forty percent of the crop was mature (safe from frost) compared to 12% last year and the average of 35%. Corn condition as of Friday, August 29, was reported as 4% excellent, 23% good, 54% fair, and 19% poor. Silage cutting continued last week and harvesting for grain is getting underway in a few scattered fields, primarily in southern Illinois.

SOYBEANS were 26% turning yellow compared to 6% in 1979 and the 5-year average of 26%. Eight percent of the beans were shedding leaves compared to none last year and the average of 6%. Crop condition on Friday was reported as 4% excellent, 48% good, 41% fair, and 7% poor.

Sixty-five percent of the WHEAT acreage has been plowed compared to 55% last year and the average of 64%.

The third cutting of ALFALFA HAY was 65% complete compared to 50% last year and 61% for the average. Alfalfa condition on Friday, August 29, was reported as 4% excellent, 39% good, 46% fair, and 11% poor.

PASTURE conditions were reported as 5% excellent, 28% good, 42% fair, 22% poor, and 3% failure.

SOIL MOISTURE as of Friday, August 29, was reported as 43% adequate, and 57% short.

There was an average of 6.75 DAYS SUITABLE for FIELDWORK for the week ending Friday, August 29.

MOTOR FUEL SUPPLIES for agricultural uses were generally adequate throughout the state.

MAIN ACTIVITIES for the week included haying, tilling wheat stubble, getting ready for fall grain harvest, and general farm-work.

### WEATHER

TEMPERATURES for the period August 25-31 averaged 5 to 10 degrees above normal as a warm period continued for the fifth straight week. The mercury climbed into the 90's in most areas, but the northern portion developed a cooling trend after midweek.

PRECIPITATION was widely scattered as heavy rains and thunderstorms gave some areas from .3 of an inch to more than 2 inches. The extreme Southwest received little or no rain. Most of the rainfall came midweek.

The OUTLOOK for the period of September 3-8 is for above normal temperatures and near normal precipitation in Illinois.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: Percent dented (Aug. 31)	80	75	85	85	85	90	90	90	90	85	74
Soybeans: % turning yellow (Aug. 31)	20	20	20	35	35	20	30	20	20	26	26
Alfalfa: % 3rd crop cut (Aug. 31)	45	55	75	70	80	80	85	94	90	65	61
Days Suitable for fieldwork: (week ending August 29)	6.5	7.0	7.0	7.0	7.0	7.0	6.5	7.0	7.0	6.75	
Soil Moisture %: (as of August 29)											
Short	--	35	35	50	60	75	80	85	100	57	
Adequate	100	65	65	50	40	25	20	15	--	43	
Surplus	--	--	--	--	--	--	--	--	--	--	



OFFICIAL BUSINESS

Illinois Weather & Crops  
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# ILLINOIS WEATHER

## MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	June	July	July 28- Aug. 3	Aug. 4- 10	Aug. 11- 17	Aug. 18- 24	Aug. 25- 31
Chicago	-6	+4	+1	+8	-3	+5	+10
Moline	-2	+5	+1	+5	-2	+3	+5
Springfield	-1	+3	+4	+8	+2	+2	+8
So. Central	-1	+6	+5	+9	+4	+1	+5

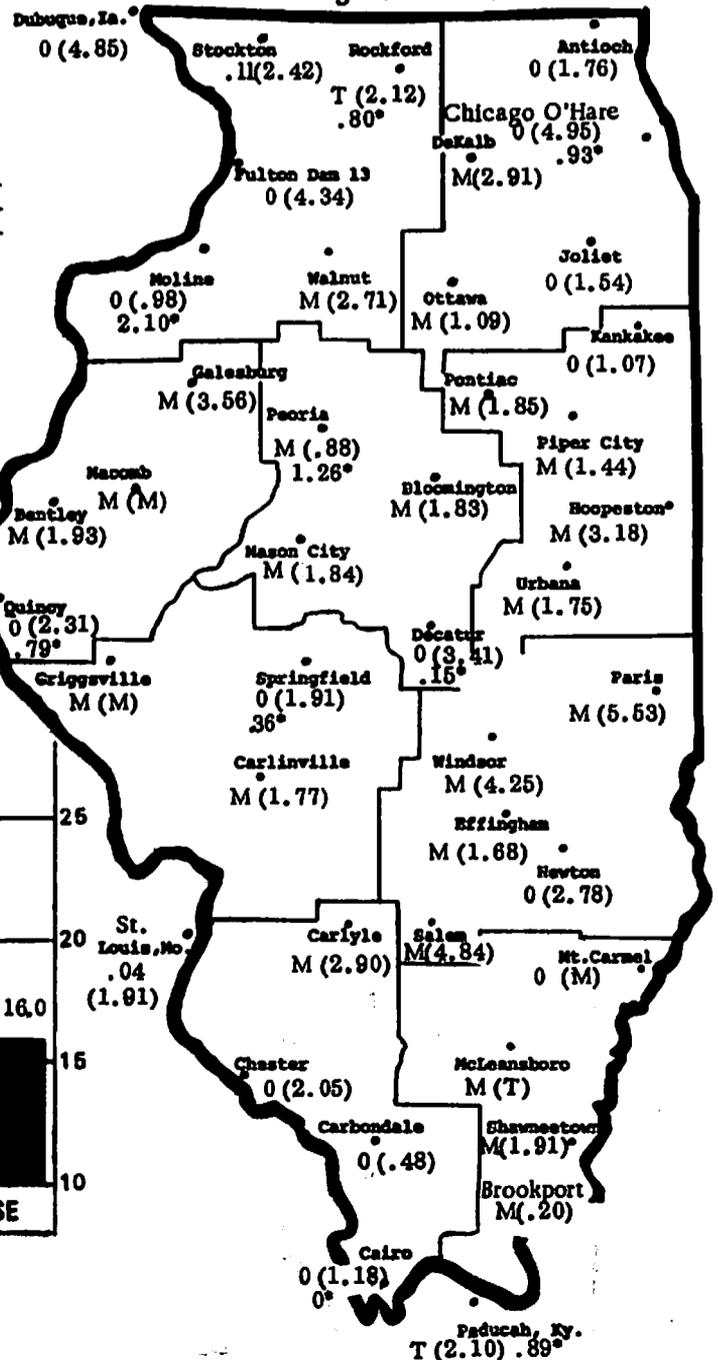
STATION	August 29			September 1			
	Max <sup>1</sup>	Min <sup>1</sup>	Aver <sup>1</sup>	Current	3-year	Totals	
	num	num	age	week	avg.	1979	
Dubuque, IA	--	--	--	168	2,419	2,277	2,666
Moline	92	55	75	174	2,785	2,638	2,811
Rockford	90	54	74	178	2,567	2,372	2,540
Chicago O'Hare	95	57	78	196	2,694	2,476	2,559
Quincy	98	59	78	196	2,972	2,875	3,157
Decatur	94	58	76	186	2,917	2,760	2,942
Peoria	94	58	76	195	2,792	2,613	2,829
Springfield	95	58	78	200	3,004	2,818	3,078
Cairo	95	65	81	198	3,398	3,183	3,373
St. Louis	--	--	--	209	3,262	3,199	3,410

\* Totals are accumulated from April 1.

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.

### PRECIPITATION:

First figure--current week Aug. 22-28  
Parentheses--previous week  
Asterisk--Friday-Sunday  
M--Missing. T--Trace.

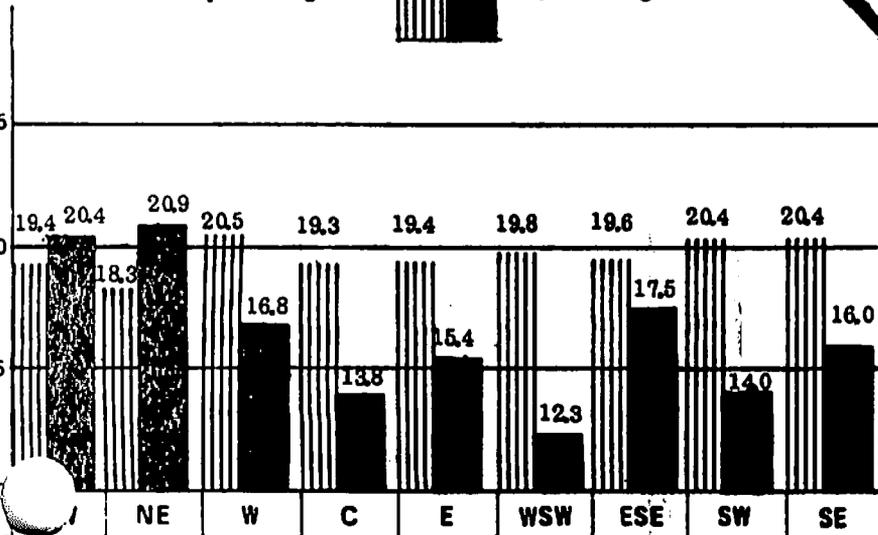


### ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-Aug. 31

Apr. 1-Aug. 28



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