

# ILLINOIS

# WEATHER & CROPS



## ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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DOC, NOAA, NATIONAL WEATHER SERVICE

### CROP HI-LITES

- \*\*\* Wheat - 98% combined
- \*\*\* Soybeans - 76% blooming, 23% podded
- \*\*\* Corn - 84% silked
- \*\*\* Soil Moisture - 15% adequate  
85% short

CORN is 84% silked as of July 20 compared to 40% last year and the 5-year (1975-79) average of 63%. Fifteen percent of the crop has reached the dough stage compared to 2% last year and an average of 11%. Corn crop condition as of July 18 was reported as 7% excellent, 63% good, and 30% fair.

The SOYBEAN crop was 76% blooming compared to 53% a year ago and 60% for the 5-year average. Twenty-three percent of the crop as reported setting pods compared to 16% last year and the average of 24%. Condition of the crop was reported as 2% excellent, 59% good, and 39% fair.

WINTER WHEAT harvesting is nearing completion with 98% of the crop harvested compared to 98% last year and the average of 97%.

OATS are 98% turning yellow compared to 90% last year and an average of 93%. The crop is 55% ripe compared to 39% a year ago and 65% for the average. The crop is 30% combined compared to 25% in 1979 and an average of 43%.

Seventy-five percent of the BARLEY is combined.

The second crop of ALFALFA HAY is 72% cut. This compares to 72% last year and an average of 69%. Alfalfa condition was reported as 3% excellent, 63% good, and 34% fair.

ASTURES were reported as 22% good, 56% fair, and 22% poor.

SOIL MOISTURE was reported as 85% short, and 15% adequate, as of Friday, July 18.

For the week ending July 18, there were 6.50 DAYS SUITABLE for FIELDWORK.

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

MAJOR ACTIVITIES for the past week included combining small grain, baling hay and straw; and weed control on soybeans.

### WEATHER

TEMPERATURES for the period of July 14-20 continued to average 7 to 14 degrees above normal over the State as a warm period continued for the fourth straight week. Several new maximum temperature records were again set as readings climbed into the 90's and 100's.

PRECIPITATION was heavy in scattered northern sections, while the South again received little or no rain for the second straight week. Thunderstorms deluged some northern areas with 1 to 3 inch rains, while other areas nearby received less than 1/2 of an inch. The heavy rains caused some local flooding.

The OUTLOOK for the period of July 22-29 is for continued above normal temperatures over most of Illinois. Precipitation is expected to continue near normal in the North and below normal in the South.

The Extended Outlook for July 15-August 15 is for above normal temperatures over the entire State. Precipitation is expected to be above normal in the northern half of Illinois and below normal in the South.

### JUNE

Average monthly TEMPERATURES in June were 1 to 5 degrees below normal in the northern two-thirds of the State and 1 degree to 3 degrees above normal in the South. The first week in June was above normal with maximum readings climbing into the 80's and 90's. Several new maximum temperature records were set in the South during this period. A cool period brought new record minimum temperatures to many areas during the second week. The third week continued below normal, but by the end of the month temperatures were again above normal.

PRECIPITATION was below normal in most districts. The West and East Districts were the only areas in the State that were above normal. This was the third straight month that most of the State was below normal in rainfall. During the first half of the month thunderstorms left up to 4 inches of rain each week in northern areas. This resulted in some flooding and the Illinois River rose above flood stage at several locations. The South was dry until the last week of June when up to 4 inches of rain fell in that area.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: Percent silked (July 20)	80	75	85	90	90	90	85	80	60	84	63
Soybeans: Percent blooming (July 20)	80	85	80	80	85	70	75	60	60	76	60
Days suitable for fieldwork: (week ending July 18)	5.5	6.0	6.5	6.5	7.0	6.5	7.0	7.0	7.0	6.50	
Soil Moisture %: (as of July 18)											
Short	50	50	100	95	80	95	100	100	90	85	
Adequate	50	50	--	5	20	5	--	--	10	15	
Surplus	--	--	--	--	--	--	--	--	--	--	



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Illinois Weather & Crops  
July 21, 1980

# ILLINOIS WEATHER

PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

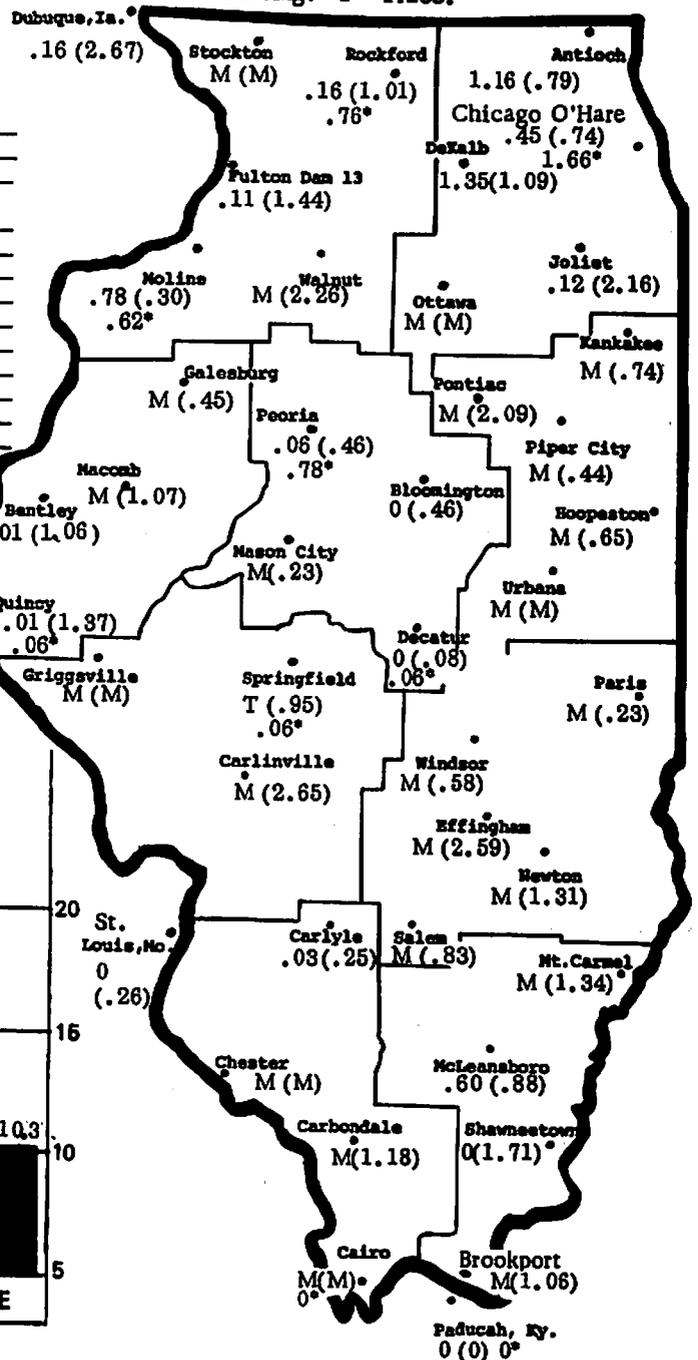
	NW	NE	W	C	E	WSW	ESE	SW	SE
June	4.57	3.81	5.32	4.24	5.31	2.98	4.56	3.44	3.01
Departure	-0.20	-0.29	+0.43	-0.04	+1.17	-1.53	-0.02	-0.88	-1.23

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	May	June	June 30- July 7-		July 14-
			July 6	13	20
Chicago	0	-6	-2	+6	+10
Moline	-2	-2	0	+7	+7
Spring- field	+4	-1	+2	+10	+10
S. Central	-1	-1	+4	+11	+10

PRECIPITATION:

First figure--current week, July 11-17  
Parentheses--previous week  
Asterisk--Friday-Sunday  
M--Missing. T--Trace.



JULY 21

Station	Growing Degree Days*			
	Current week	3-year average	Totals 1979	Totals 1980
Dubuque, IA	195	1,578	1,397	1,673
Moline	206	1,839	1,675	1,781
Rockford	192	1,687	1,466	1,584
Chicago O'Hare	204	1,737	1,519	1,525
Quincy	224	1,954	1,840	2,029
Decatur	207	1,938	1,767	1,844
Peoria	204	1,832	1,626	1,770
Springfield	210	2,004	1,783	1,944
St. Louis	217	2,273	2,070	2,189
St. Louis	227	2,169	2,053	2,183

\*Totals are accumulated from April 1.

## ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-July 31 | Apr. 1-July 17

