

ILLINOIS WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

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CROP HI-LITES

- *** Soybeans - 90% blooming, 58% podded
- *** Corn - 62% dough, 10% dented
- *** Soil Moisture - 85% short
15% adequate

CORN was 62% in the dough stage as of Sunday, August 3. This compares to 29% last year and the 5-year (1975-79) average of 45%. Ten percent of the crop is in the dent stage compared to 1% last year and the average of 11%. Corn condition as of Friday, August 1, was reported as 4% excellent, 27% good, 49% fair, and 20% poor. Several reports of problems with corn aphids were noted, along with the critically dry soil condition in most areas of the State.

SOYBEANS are 90% bloomed, compared to 82% in 1979 and 83% for the average. Fifty-eight percent of the soybeans have set pods as compared to 44% last year and the average of 55%. The crop condition was reported as 2% excellent, 37% good, 51% fair, and 10% poor.

Thirty percent of the WHEAT acreage has been plowed compared to 18% a year ago and the average of 25%.

OATS are 87% combined compared to 72% in 1979 and the 5-year average of 87%.

The second crop of ALFALFA HAY is 95% cut. This compares to 86% for both last year and the 5-year average. Third cutting of alfalfa was 20% complete compared to 24% last year and the average of 17%. Alfalfa condition was reported as 3% excellent, 35% good, 51% fair, and 11% poor.

PASTURES continued to deteriorate as conditions were reported as 13% good, 43% fair, 39% poor, and 5% failure.

For the week ending August 1, SOIL MOISTURE was reported as 15% adequate and 85% short.

There was an average of 6.25 DAYS SUITABLE for FIELDWORK for the week ending August 1.

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

MAIN ACTIVITIES for the week included haying, tilling wheat stubble, and mowing weeds.

WEATHER

TEMPERATURES for the period July 28-August 3 averaged from normal to 2 degrees above normal in the North and 3 to 6 degrees above normal in the South. Maximum readings climbed above the 100-mark in the South.

PRECIPITATION ranged mostly from less than .10 of an inch to .30 of an inch. The extreme Southwest received the heaviest amount as they recorded .60 of an inch.

OUTLOOK for the period of August 5-11 is for temperatures to be near normal in the North and above normal in the South. Precipitation is expected to be above normal at the end of the period.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Soybeans: %											
Blooming (Aug. 3)	95	95	90	92	96	90	87	80	85	90	83
Alfalfa: 3rd Crop											
% cut as of (Aug. 3)	15	15	10	10	15	15	45	65	25	20	17
Days Suitable for fieldwork: (week ending August 1)	5.5	5.0	7.0	6.5	6.5	6.5	6.0	6.5	6.0	6.25	
Soil Moisture %:											
(as of August 1) Short	25	30	100	100	100	95	85	95	90	85	
Adequate	75	70	--	--	--	5	15	5	10	15	
Surplus	--	--	--	--	--	--	--	--	--	--	



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Illinois Weather & Crops
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ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

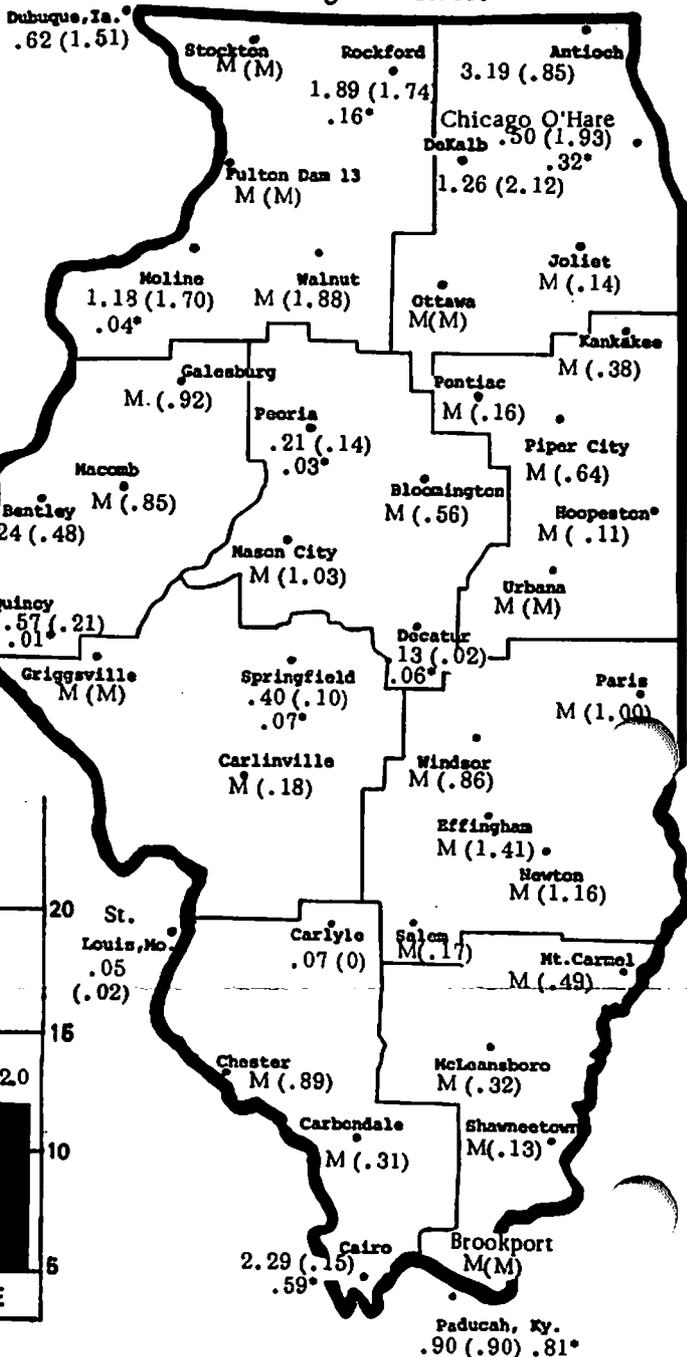
	May	June	June 30- July 6	July 7- 13	July 14- 20	July 21- 27	July 28- Aug. 3
Chicago	0	-6	-2	+6	+10	0	+1
Moline	-2	-2	0	+7	+7	-2	+1
Springfield	+4	-1	+2	+10	+10	-1	+4
So. Central	-1	-1	+4	+11	+10	-2	+5

STATION	August 1			August 4				
	Temperatures			Growing Degree Days*				
	Week ending	Fri. 8 A.M.	Week ending	Mon. 6 A.M.	Current	3-year	Totals	Totals
	Maxi- mum	Mini- mum	Aver- age	week	avg.	1979	1980	
Dubuque, IA.	--	--	--	177	1870	1720	2003	
Moline	92	60	75	182	2169	2032	2120	
Rockford	87	55	73	165	1994	1803	1886	
Chi. O'Hare	89	59	75	182	2064	1870	1861	
Quincy	104	60	78	194	2306	2215	2385	
Decatur	93	63	76	196	2276	2123	2204	
Peoria	94	59	76	187	2317	2151	2111	
Springfield	96	63	78	200	2349	2156	2309	
Cairo	98	67	93	207	2664	2467	2577	
St. Louis	--	--	--	216	2544	2455	2576	

* Totals are accumulated from April 1.

PRECIPITATION:

First figure--current week, July 25
Parentheses--previous week
Asterisk--Friday-Sunday
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

Apr. 1-July 31

Apr. 1-July 31

