

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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CROP HI-LITES

- *** Soybeans - 90% podded
- *** Corn - 83% dough, 51% dented
- *** Soil Moisture - 56% short
39% adequate
5% surplus

CORN was 83% in the dough stage as of Sunday, August 17. This compares to 70% last year and the 5-year average (1975-79) of 79%. Fifty-one percent of the crop is in the dent stage compared to 21% last year and the average of 40%. Corn condition as of Friday, August 15, was reported as 9% excellent, 22% good, 45% fair, and 24% poor, some improvement over the previous week.

BEANS are 90% podded, compared to 80% last year and the average of 85%. Rain at the end of the week should improve crop prospects. The crop condition on Friday was reported as 9% excellent, 36% good, 48% fair, and 7% poor. A few fields were reported beginning to turn yellow.

Fifty percent of the WHEAT acreage has been plowed compared to 41% a year ago and the average of 48%.

The third cutting of ALFALFA HAY is 42% cut. This compares to 37% for both last year and the 5-year average. Crop condition on Friday was reported as 8% excellent, 32% good, 49% fair, and 11% poor.

PASTURE conditions were reported as 7% excellent, 16% good, 42% fair, 33% poor, and 2% failure.

SOIL MOISTURE for the week ending Friday, August 15, was reported as 5% surplus, 39% adequate, and 56% short. Weekend rains improved soil moisture conditions in many areas of the State.

There was an average of 5.00 DAYS SUITABLE for FIELDWORK for the week ending August 15.

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

MAIN ACTIVITIES for the week included haying, tilling wheat stubble, and general farmwork.

WEATHER

TEMPERATURES averaged 2 to 3 degrees below normal in the North and 2 to 5 above normal in the South. A warm trend continued in the South for the third straight week. Maximum temperatures in the North were in the 70's, while in the South they climbed into the 90's.

PRECIPITATION was heavy with 1 to 4.50 inches falling over much of the State. The northern sections received the largest amounts, while the Southeast District recorded lesser amounts. Some sections recorded more than 3 inches of rain during the 24-hour period.

The OUTLOOK for the period of August 19-26 is for above normal temperatures and above normal precipitation.

The EXTENDED OUTLOOK for August 15 to September 15 is for below normal temperatures and above normal precipitation in Illinois.

JULY

Average monthly TEMPERATURES in July were 1 to 7 degrees above normal throughout the State. The Northeast and East-Southeast Districts were only slightly above normal, while the remaining areas were 4 to 7 degrees above normal. A warm period which started at the end of June continued over much of the State during the first three weeks of July with maximum temperatures climbing above the 100-degree mark in most areas. Several new maximum records were set during this period. A cool period developed during the fourth week, but by the end of the month, temperatures were once again above normal.

PRECIPITATION was below normal except in the Northeast and Southeast Districts. The Central, East and West-Southwest Districts were the driest as departures were more than 2 inches below normal. This was the fourth straight month that much of the State was below normal in rainfall. Most of the rainfall in the State fell in the South during the first week of the month as up to 3 inches were in localized areas. The North received up to 1 inch during the second week and up to 3 inches during the third week. The South was dry during this period but recorded more than an inch (in a few localized areas) in the fourth week.

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. 17)	50	40	50	50	50	55	55	70	60	51	40
Alfalfa: % 3rd crop cut (Aug. 17)	30	45	35	35	35	45	60	88	60	42	37
Days Suitable for fieldwork: (week ending August 15)	3.5	2.5	4.5	3.5	5.0	6.0	5.5	6.5	7.0	5.00	
Soil Moisture %: (as of August 15)											
Short	-	-	5	45	90	85	70	85	100	56	
Adequate	65	65	95	55	10	15	30	15	-	39	
Surplus	35	35	-	-	-	-	-	-	-	5	



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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
July	3.78	4.03	2.80	1.40	1.97	1.54	3.16	3.39	4.00
Departure	-0.35	+0.19	-1.29	-2.27	-2.04	-2.27	-0.53	-0.19	+0.17

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

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

PRECIPITATION:

First figure--current week, 8/8-14
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

AUGUST 18

Station	Growing Degree Days*			
	Current week	3-year average	Totals 1979	Totals 1980
Dubuque, IA	141	2,149	1,996	2,333
Moline	151	2,477	2,335	2,467
Rockford	130	2,285	2,093	2,205
Chicago O'Hare	129	2,384	2,169	2,184
Quincy	189	2,640	2,543	2,780
Decatur	170	2,600	2,446	2,578
Peoria	158	2,476	2,298	2,467
Springfield	183	2,679	2,487	2,699
Cairo	207	3,034	2,817	2,996
St. Louis	207	2,905	2,826	3,006

* Totals are accumulated from April 1.

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-Aug. 31

Apr. 1-Aug. 14

