

ILLINOIS WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

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DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

- *** Wheat - 98% ripe, 50% combined
- *** Soybeans - 20% bloomed
- *** Soil Moisture - 13% surplus
58% adequate
29% short

CORN crop condition as of July 3 was reported as 26% excellent, 68% good, and 6% fair. The average height in all fields on July 6 was 54 inches compared to 42 inches a year ago and 51 inches for the 5-year (1975-79) average. The height of the most advanced fields was 70 inches compared to 57 inches in 1979 and 67 inches for the average. Weekend wind storms broke off some corn stalks and blew over other corn plants in scattered areas over the western portion of the State.

The crop condition for SOYBEANS was reported as 6% excellent, 59% good, and 35% fair. About 20% of the crop was blooming compared to 12% last year and the 5-year average of 18%.

WINTER WHEAT as of July 6 was about 98% ripe compared to 98% last year and 96% for the 5-year average. About 50% of the crop was harvested compared to 57% last year and the 5-year average of 67%.

Approximately 35% of the BARLEY crop was harvested as of July 6.

The OATS crop condition was reported as 8% excellent, 68% good, and 24% fair. About 90% of the crop was filled compared to 92% last year and the 5-year average of 90%. Nearly 35% of the crop was turning yellow compared to 45% last year and an average of 56%.

ALFALFA HAY second cutting was about 35% complete on July 6 compared to 37% for both last year and the 5-year average. Alfalfa condition was reported as 13% excellent, 77% good, and 10% fair.

PASTURES were reported as 8% excellent, 62% good, and 30% fair.

SOIL MOISTURE as of July 3 was reported as 13% surplus, 58% adequate, and 29% short.

There were 5.50 DAYS SUITABLE for FIELDWORK for the week ending July 4.

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

MAIN ACTIVITIES included haying, combining small grain and weed control on row crops.

WEATHER

TEMPERATURES for the period of June 30-July 6 averaged from 2 degrees below normal to 1 degree above normal in the northern half of the State and from 2 degrees to 5 degrees above normal in the South. Maximum temperatures climbed into the 90's throughout the State with areas in the South going over the 100 degree mark. A few new record maximum temperature records were set in the South. Minimum temperatures fell into the 50's in the North during mid-week.

PRECIPITATION ranged from less than .10 of an inch in the northwest section to near 3 inches in some southern sections as scattered thunderstorms moved across the State.

The OUTLOOK for the period of July 7-14 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.
Soybeans: %											
Bloomed (as of July 6)	10	15	15	20	25	15	30	20	15	20	18
Days Suitable for fieldwork: (week ending July 4)	6.5	6.5	6.0	6.0	6.5	5.5	4.5	4.0	4.0	5.50	
Soil Moisture %:											
(as of July 3) Short	40	20	35	30	20	65	15	10	25	29	
Adequate	60	80	65	70	80	30	70	45	25	58	
Surplus	--	--	--	--	--	5	15	45	50	13	



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Illinois Weather & Crops

July 7, 1980

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	April	May	May 26- June 1	June 2-8	June 9-15	June 16-22	June 23-29	June 30- July 6
Chicago	-3	0	+7	0	-6	-8	+3	-2
Moline	-2	-2	+7	+3	-3	-8	+3	0
Springfield	-2	+4	+9	+3	-2	-7	+4	+2
So. Central	-3	-1	+4	+5	-3	-6	+3	+4

JULY 7

Station	Growing Degree Days*			
	Week ending Monday 6 A.M.			
	Current:	3-year	Totals	Totals
	week	avg.	1979	1980
Dubuque, IA	157	1257	1096	1285
Moline	171	1490	1349	1370
Rockford	152	1354	1160	1203
Chi. O'Hare	134	1383	1190	1129
Quincy	198	1609	1490	1577
Decatur	183	1576	1441	1425
Peoria	176	1478	1311	1360
Springfield	195	1634	1448	1517
Cairo	210	1878	1697	1746
St. Louis	217	1772	1664	1725

* Totals are accumulated from April 1.

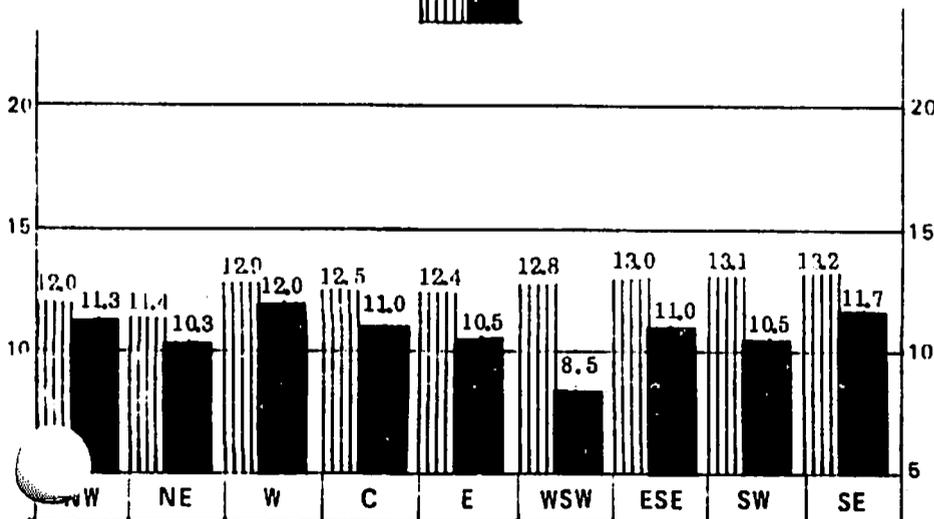
Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-June 30

Apr. 1-July 3



PRECIPITATION:

First figure--current week, June 27-July 3
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

