

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

- *** Wheat - 90% combined
- *** Soybeans - 53% bloomed, 14% podded
- *** Corn - 43% silked
- *** Soil Moisture - 2% surplus
57% adequate
41% short

CORN is 43% silked as of July 13, compared to 14% last year and a 5-year average (1975-79) of 37%. The average height of all fields is 66 inches compared to 55 inches in 1979 and the average of 62 inches. The height of the most advanced fields is 80 inches compared to 70 inches a year ago and an average of 78 inches. Condition of the crop as of July 11 was reported as 23% excellent, 65% good, and 12% fair. ←

The SOYBEAN crop has 53% blooming compared with 35% last year and the 5-year average of 40%. Fourteen percent of the crop was reported setting pods compared to 5% last year and an average of 12%. Condition of the crop was reported as 5% excellent, 75% good, and 20% fair.

WINTER WHEAT is 90% harvested, compared to 86% last year and the 5-year average of 89%.

OATS are reported 70% turning yellow compared to 72% in 1979 and an average of 79%. The crop is 25% ripe compared to 27% a year ago and a 5-year average of 44%. About 10% of the crop was harvested compared to 2% last year and an average of 19%. Condition of the crop was reported as 5% excellent, 64% good, and 31% fair.

Fifty percent of the BARLEY is combined Statewide.

The second crop of ALFALFA HAY is 55% cut compared to 69% last year and 56% for the 5-year average. Crop condition was reported as 12% excellent, 73% good, and 15% fair.

PASTURES were reported as 4% excellent, 46% good, 46% fair, and 4% poor. Comments indicated hot, humid weather causing some minor problems with livestock.

SOIL MOISTURE was reported as 41% short, 57% adequate, and 2% surplus as of Friday, July 11.

For the week ending July 11, there were 5.50 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 walking bean fields.

WEATHER

TEMPERATURES for the period of July 7-13 averaged 6 to 13 degrees above normal throughout the State with the largest departures in the South. This was the third straight week that most of the State was above normal. Several new maximum temperature records were set as readings climbed above the 100 degree mark throughout the State.

PRECIPITATION ranged from .30 to 1.00 in the northern two-thirds of the State and no rain in the extreme South.

The OUTLOOK for the period of July 15-21 is for continued above normal temperatures and near normal precipitation in Illinois. The extreme South is expected to stay below normal in rainfall.

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 (as of July 13)	20	20	55	55	50	55	60	45	40	43	37
Soybeans: Percent Bloomed (as of July 13)	35	40	50	70	70	50	60	40	30	53	40
Days Suitable for fieldwork: (week ending July 11)	5.0	4.5	5.5	6.5	6.0	5.0	6.0	6.5	5.0	5.50	
Soil Moisture %: (as of July 11)											
Short	15	20	45	55	70	50	35	60	30	41	
Adequate	85	80	50	45	30	50	65	40	60	57	
Surplus	--	--	5	--	--	--	--	--	10	2	



OFFICIAL BUSINESS

#11 Illinois Weather & Crops
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ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	April	May	June 2-8	June 9-15	June 16-22	June 23-29	June 30- July 6	July 7-13
Chicago	-3	0	0	-6	-8	+3	-2	+6
Moline	-2	-2	+3	-3	-8	+3	0	+7
Springfield	-2	+4	+3	-2	-7	+4	+2	+10
So. Central	-3	-1	+5	-3	-6	+3	+4	+11

STATION	July 11			July 14			
	Temperatures			Growing Degree Days*			
	Maxi	Mini	Aver	Current	3-year	Totals	Totals
	mum	mum	age	week	avg.	1979	1980
Dubuque, Ia.	--	--	--	193	1410	1252	1478
Moline	97	62	79	205	1656	1518	1575
Rockford	99	54	78	189	1515	1318	1392
Chi. O'Hare	102	52	78	192	1554	1361	1321
Quincy	101	70	86	228	1764	1673	1805
Decatur	100	63	83	212	1753	1613	1637
Peoria	96	63	81	206	1651	1476	1566
Springfield	99	69	84	217	1815	1625	1734
Carlo	--	--	--	226	2074	1882	1972
St. Louis	--	--	--	231	1968	1864	1956

*Totals are accumulated from April 1.

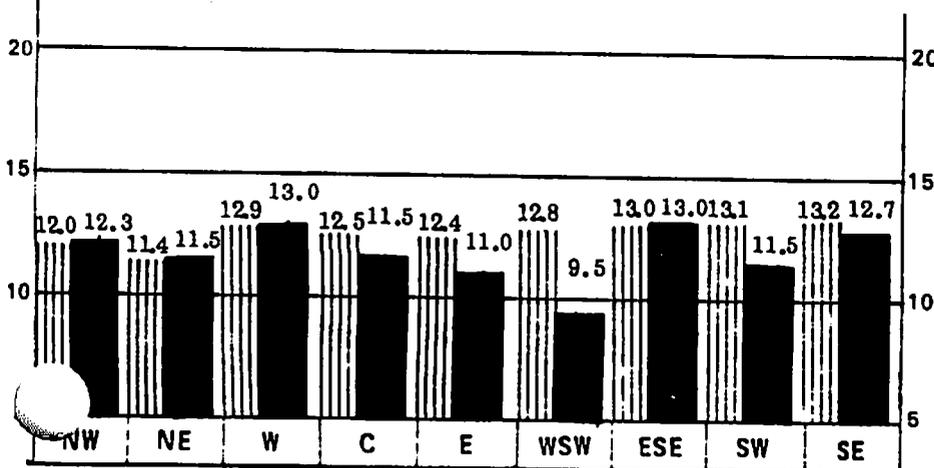
Growing degree days(GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is 75 degrees,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

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-June 30

Apr. 1-July 10



PRECIPITATION:

First figure--current week, July 4-10

Parentheses--previous week

Asterisk--Friday-Sunday

M--Missing. T--Trace.

