

# ILLINOIS

# WEATHER & CROPS



## ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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### CROP HI-LITES

- \*\*\* Corn - 18% planted
- \*\*\* Soybeans - 3% planted
- \*\*\* Wheat - 35% headed
- \*\*\* Soil Moisture - 15% short  
65% adequate  
20% surplus

CORN planting was reported as 18% complete as of May 3. This compares to 45% last year and the 5-year average (1976-1980) of 34%. Planting is expected to progress rapidly this week, weather permitting.

Approximately 3% of the SOYBEANS were planted as of May 3 compared with 7% last year and an average of 3%.

WINTER WHEAT, on Friday May 1, was reported as 29% in excellent condition, 69% good, and 2% fair. Thirty-five percent of the wheat was headed as of May 3, compared to none last year and the average of 11%.

ALFALFA was reported as 25% excellent, 70% good, and 5% fair as of Friday, May 1. Scattered reports of spraying for alfalfa weevils were noted.

PASTURES on May 1 were reported as 25% excellent, 65% good, and 10% fair. Pastures on May 3 were supplying about 75% of the livestock roughage requirements compared to 73% last year and an average of 68%.

SOIL MOISTURE was reported as 15% short, 65% adequate, and 20% surplus on Friday, May 1.

For the week ending May 1, an average of 3.5 DAYS were SUITABLE for FIELDWORK.

SOIL ACTIVITIES for the week included soil preparation, corn planting, and general farm work.

### WEATHER

TEMPERATURES for the period of April 27 through May 3 averaged 1 to 4 degrees above normal over the State with the largest variations occurring in the South. A warm period continued from the 26th through the mid-part of this week. A cool period developed in the north during the last half of the week. Minimum readings dropped to near the freezing mark on May 2 in the North, but by the weekend maximum readings were again in the 70's.

PRECIPITATION was heavy in the North while some extreme southern sections received no rainfall. Localized areas in the Northeast District received 2 inches during a 24-hour period causing minor flooding problems. Rainfall generally fell during the first part of the week.

The OUTLOOK for the period of May 5 through May 11 is for temperatures to be near normal and precipitation to be below normal.

The Extended Outlook through the end of May is for above normal temperatures and below normal precipitation except in the Northeast where precipitation is expected to be above normal.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: % planted (as of May 3)	8	6	10	15	8	40	30	40	50	18	34
Days Suitable for fieldwork: (week ending May 1)	1.5	1.5	2.5	2.5	1.5	5.0	3.5	6.5	7.0	3.5	
Soil Moisture %: (as of May 1)											
Short	--	--	--	5	--	30	15	50	60	15	
Adequate	40	50	65	75	80	70	85	50	40	65	
Surplus	60	50	35	20	20	--	--	--	--	20	

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MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	Feb.	Mar.	Mar. 30- Apr. 5	Apr. 6-12	Apr. 13-19	Apr. 20-26	Apr. 27- May 3
Chicago	+2	+1	+11	+7	+6	-5	+1
Moline	+2	+2	+10	+8	+3	-3	+2
Springfield	+2	+5	+15	+12	+7	0	+2
So. Central	+2	+1	+11	+10	+7	0	+4

STATION	May 1			May 4			
	Maxi- mum	Mini- mum	Aver- age	Current week	3-year avg.	Totals 1980	Totals 1981
Dubuque, IA	--	--	--	74	164	212	265
Moline	86	33	59	77	204	232	309
Rockford	80	32	54	50	168	189	238
Chicago O'Hare	79	31	53	64	155	177	274
Quincy	81	41	63	81	239	259	369
Decatur	85	39	62	89	213	208	355
Peoria	84	34	59	74	203	205	323
Springfield	87	41	62	86	244	245	403
Carro	87	49	69	121	348	313	530
St. Louis	--	--	--	107	293	297	498

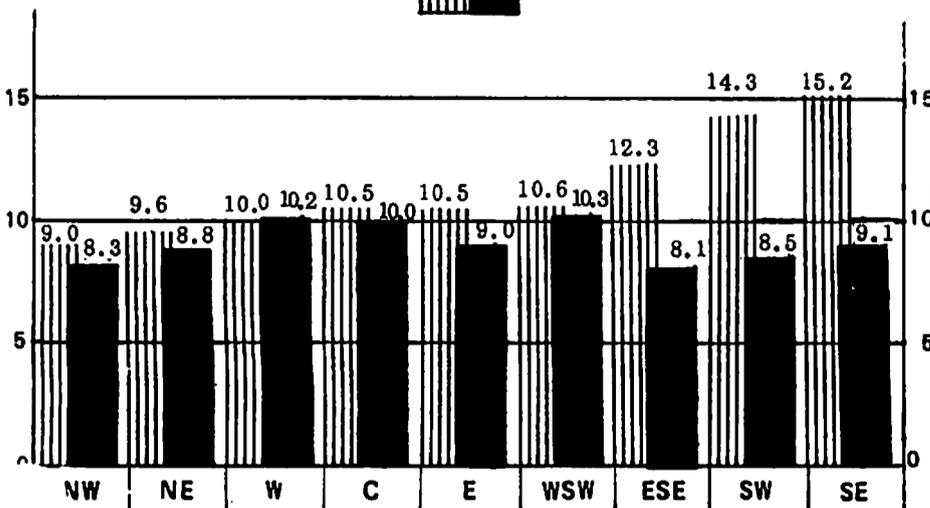
\* Totals are accumulated from April 1.

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

Jan. 1-Apr. 30



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**PRECIPITATION:**

First figure--current week, 4/24-30  
Parentheses--previous week  
Asterisk--Friday-Sunday  
M--Missing, T--Trace.

