

# ILLINOIS

# WEATHER & CROPS



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DOC, NOAA, NATIONAL WEATHER SERVICE

## CROP HI-LITES

- \*\*\* Corn - 46% planted
- \*\*\* Oats - 98% seeded
- \*\*\* Soil Moisture - 30% short  
70% adequate

CORN planting made rapid progress, with 46% of the acreage planted as of May 4 compared with 2% last year and 31% for the 5-year average (1975-79).

SOYBEAN planting was just beginning with 4% of the acreage planted compared with none last year and 2% for the 5-year average.

WINTER WHEAT was reported as 14% excellent, 72% good, and 5% fair. Warm weather continued to speed crop development.

OATS seeding is 98% complete, compared with 69% last year and 91% for the 5-year average.

ALFALFA was reported as 18% excellent, 76% good, and 6% fair.

PLOWING for 1980 CORN and SOYBEAN acreage is about 94% complete, compared with 76% last year and 5-year average of 87%. Warm, dry weather conditions speeded up spring plowing progress.

PASTURES were reported as 7% excellent, 80% good, 11% fair, and 2% poor. Pastures were supplying about 80% of the livestock roughage requirements, compared with 60% last year and the 5-year average of 69%.

SOIL MOISTURE was reported as 70% adequate and 30% short. The West and Southwestern Districts were the shortest on soil moisture in the State.

There were 5.00 DAYS SUITABLE for FIELDWORK for the week ending May 2.

FUEL SUPPLIES remain mostly adequate throughout the State.

MAIN ACTIVITIES included planting corn, spreading fertilizer, seeding oats and seedbed preparation.

## WEATHER

TEMPERATURES for the period of April 28-May 4 averaged 1 to 6 degrees above normal in the northern half of the State and from 1 to 3 degrees below normal in the southern half. The week started cool with a warming trend developing at mid-week. By the end of the week maximum temperatures climbed into the 80's throughout the State.

PRECIPITATION was very light in most areas as amounts ranged from trace to .20 of an inch. The Northeast District received the heaviest amount as up to .40 of an inch was reported. The rain fell during the first two days of the week.

The OUTLOOK for the period of May 7 to 13 is for near normal temperatures. Precipitation is expected to be below 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 4)	35	25	65	55	50	70	40	45	20	46	31
Days suitable for fieldwork: (week ending May 2)	6.0	4.5	7.0	4.5	4.0	6.0	5.0	6.5	5.5	5.00	
Soil Moisture %: (as of May 2)											
Short	36	9	100	28	15	44	5	23	--	30	
Adequate	64	91	--	72	85	56	95	77	100	70	
Surplus	--	--	--	--	--	--	--	--	--	--	

30-8

- OVER -



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Illinois Weather & Crops  
May 5, 1980

# ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	Feb.	Mar.	Mar. 31- Apr. 6	Apr. 7-13	Apr. 14-20	Apr. 21-27	Apr. 28- May 4
Chicago	-6	-2	+1	-6	+3	-2	+1
Moline	-7	-4	+1	-6	+3	+2	+1
Springfield	-8	-2	0	-3	-3	+1	-1
S. Central	-8	-3	0	-4	-5	-2	-2

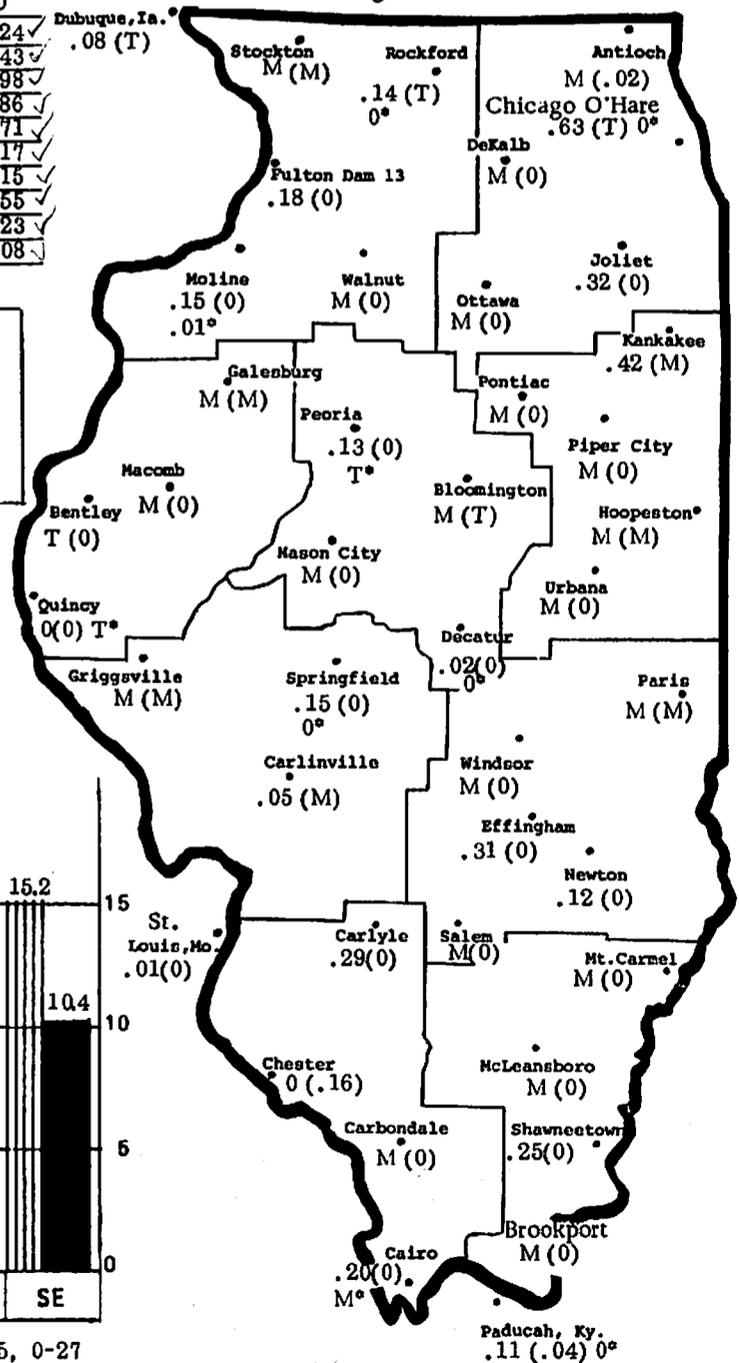
STATION	May 2			May 5			
	Maxi- mum	Mini- mum	Aver- age	Current week	3-year avg.	Totals 1979	Totals 1980
Dubuque, IA	--	--	--	82	213	141	224
Moline	70	30	53	74	266	180	243
Rockford	70	29	50	68	231	142	198
Chicago O'Hare	62	30	46	61	223	141	186
Quincy	68	42	55	82	308	234	271
Decatur	66	39	51	63	297	202	217
Peoria	66	36	52	65	276	186	215
Springfield	68	39	52	72	330	222	255
Cairo	71	49	57	71	426	340	323
St. Louis	70	45	55	80	370	275	308

\* 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.

### PRECIPITATION:

First figure--current week, 4/28-5/1  
Parentheses--previous week  
Asterisk--Friday-Sunday  
M--Missing, T--Trace.



### ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Jan. 1-Apr. 30

Jan. 1-May 1

