

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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DOC, NOAA, NATIONAL WEATHER SERVICE

CROPS

CORN planting made good progress with 8% of the acreage planted compared with 1% last year and 14% for the 5-year average (1975-79).

WINTER WHEAT was reported as 21% excellent, 73% good, and 6% fair. Warmer weather has improved crop development.

OATS seeding is 80% complete, compared with 65% last year and the 5-year average of 85%. Improved weather and field conditions have speeded up seeding progress.

ALFALFA was reported as 16% excellent, 76% good, and 8% fair.

PLOWING for 1980 CORN and SOYBEAN acreage is about 85% complete, compared with 74% in 1979 and the 5-year average of 84%. Improved field conditions have speeded up spring plowing progress.

PASTURES were reported as 10% excellent, 73% good, 16% fair, and 1% poor. Pastures were supplying about 48% of the livestock roughage requirements, compared with 47% last year and the 5-year average of 56%.

SOIL MOISTURE was reported as 2% surplus, 80% adequate, and 18% short.

There were 5.75 DAYS SUITABLE for FIELDWORK for the week ending April 25.

FUEL SUPPLIES remain mostly adequate throughout the State.

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

WEATHER

TEMPERATURES for the period April 21-27 averaged from 2 degrees below normal in the northeast and southern districts to 1 to 5 degrees above normal over the remainder of the State. A warm period which started last week came to an end during the middle part of this week. Maximum temperatures during the first few days climbed into the 90's in most areas. A cool trend developed after midweek with minimum temperatures dropping below the freezing mark in the northern half of the State. Several new maximum records were set in Illinois in the first part of the week.

PRECIPITATION was very light with most areas recording little or no rain. The northeast and eastern portions of the State received from .10 to .25 of an inch mainly on the 27th. A trace of snow was recorded in the northeast area on the 23rd. The extreme South recorded up to one-half inch of rain in the latter part of the week.

The OUTLOOK for the period of April 30 to May 6 is for temperatures to be near normal in the North and below normal in the southern half of the State. Precipitation is expected to remain light with a trend toward normal precipitation in Illinois during the latter part of the period.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
Days suitable for fieldwork: (week ending April 25)	6.5	6.0	6.5	6.0	6.0	6.0	5.0	5.0	5.0	5.75
Soil Moisture %: (as of April 25)										
Short	14	13	50	29	8	20	6	17	--	18
Adequate	86	87	50	71	92	75	94	83	83	80
Surplus	--	--	--	--	--	5	--	--	17	2

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Illinois Weather & Crops
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ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

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

APRIL 28

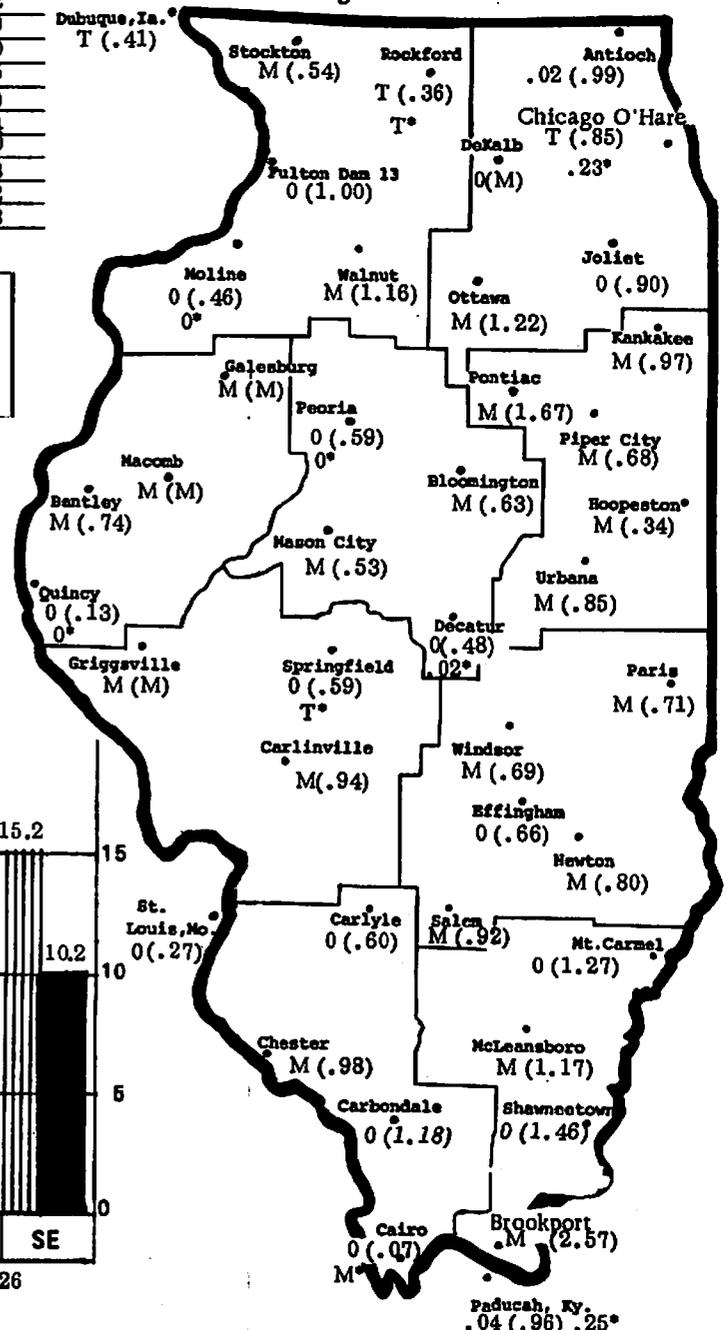
STATION	Temperatures			Growing Degree Days *			
	Maxi- mum	Mini- mum	Aver- age	Current : week	Totals : 1978	Totals : 1979	Totals : 1980
Dubuque, IA	--	--	--	63	166	103	142
Moline	92	36	61	72	205	129	169
Rockford	91	31	58	49	176	101	130
Chi. O'Hare	91	32	57	41	172	98	125
Quincy	87	41	64	77	239	171	189
Decatur	87	35	61	62	231	146	154
Peoria	88	36	60	63	212	136	150
Springfield	88	33	61	75	258	163	183
Cairo	90	47	70	78	343	266	252
St. Louis	--	--	--	84	295	206	228

* 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, Apr. 18-24
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing, T--Trace.



ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Jan. 1-Apr. 30 | Jan. 1-Apr. 24

