

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

- *** Soybeans - 92% planted
- *** Wheat - 95% headed, 40% filled
- *** Soil Moisture - 2% surplus
76% adequate
22% short

Corn was reported as 92% of full stand, up from 88% a year ago. The average height of corn in all fields was 7 inches on June 1 compared to 2 inches last year and the 5-year average of 4 inches. The height of the most advanced fields averaged 12 inches compared to 3 inches in 1979 and the 5-year average of 6 inches. The condition of the crop was reported as 12% excellent, 81% good, and 7% fair.

Beans are 92% planted compared to 77% last year and 76% for the 5-year average. The condition of the crop was reported as 8% excellent, 78% good and 14% fair.

Sorghum planting was about 55% complete as of June 1.

Winter Wheat was reported as 15% excellent, 78% good, and 7% fair. About 95% of the crop was headed compared to 86% last year and the 5-year average of 89%. Filling has occurred in 40% of the crop compared to 35% in 1979 and the average of 60%.

The condition of Oats was reported as 20% excellent, 57% good, 20% fair, and 3% poor. About 15% of the crop was headed, compared to 14% last year and 25% for the 5-year average.

Alfalfa hay first cutting is 35% complete compared to 37% last year and the 5-year average of 40%. The condition of the crop reported as 28% excellent, 67% good, 5% fair.

Red Clover is 25% cut compared to 26% in 1979 and 37% for the 5-year average. The crop was reported as 30% excellent, 66% good, and 4% fair.

Pastures are reported as 19% excellent, 71% good, and 10% fair.

Soil Moisture was reported as 2% surplus, 76% adequate, and 22% short.

There were 5.00 Days Suitable for Fieldwork for the week ending May 30.

Fuel Supplies for agricultural use were generally adequate throughout the state.

Major Activities included hoeing and cultivating corn, planting soybeans, and cutting hay.

WEATHER

TEMPERATURES for the period of May 26-June 1 averaged 6 to 10 degrees above normal in the northern two-thirds of the State, and near normal in the extreme southern sections. Maximum temperatures climbed into the 80's and 90's. This is the second straight week that most of the State was above normal in temperatures.

PRECIPITATION was heavy as amounts ranged from 1 to 3 inches in most areas. Locally heavier amounts produced flooding and some rivers and creeks are above the flood stage. More than 2 inches were recorded in scattered areas during a 24-hour period. Severe thunderstorms were reported after midweek.

The OUTLOOK for the period of June 4-10 is for temperatures to be above normal and precipitation to be above normal 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: % planted (June 1)	90	95	90	95	95	92	92	85	88	92	76
Alfalfa: % 1st Crop (June 1)	15	25	35	40	40	50	65	85	65	35	40
Days suitable for fieldwork: (week ending May 30)	4.5	5.0	5.0	5.0	4.0	5.5	4.5	5.5	5.5	5.00	
Soil Moisture %: (as of May 30)											
Short	15	--	65	30	30	25	15	15	15	22	
Adequate	85	90	35	70	70	70	85	85	85	76	
Surplus	--	10	--	--	--	5	--	--	--	2	

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MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	March	April	Apr. 28- May 4	May 5-11	May 12-18	May 19-25	May 26- June 1
Chicago	-2	-3	+1	0	-5	+3	+7
Moline	-4	-2	+1	-1	-3	+3	+7
Springfield	-2	-2	-1	0	-4	+1	+9
So. Central	-3	-3	-2	0	-1	+1	+4

STATION	May 30			June 2			
	Maxi- mum	Mini- mum	Aver- age	Current week	3-year avg.	Totals 1979	Totals 1980
Dubuque, IA	--	--	--	141	590	471	599
Moline	88	52	71	155	720	601	659
Rockford	87	47	70	138	654	513	564
Chicago O'Hare	85	42	68	141	662	515	532
Quincy	88	62	74	181	775	670	746
Decatur	87	62	72	166	774	642	666
Peoria	90	61	72	167	713	570	636
Springfield	90	57	73	178	825	683	715
Cairo	90	62	74	172	972	822	856
St. Louis	--	--	--	185	882	753	820

* Totals are accumulated from April 1.

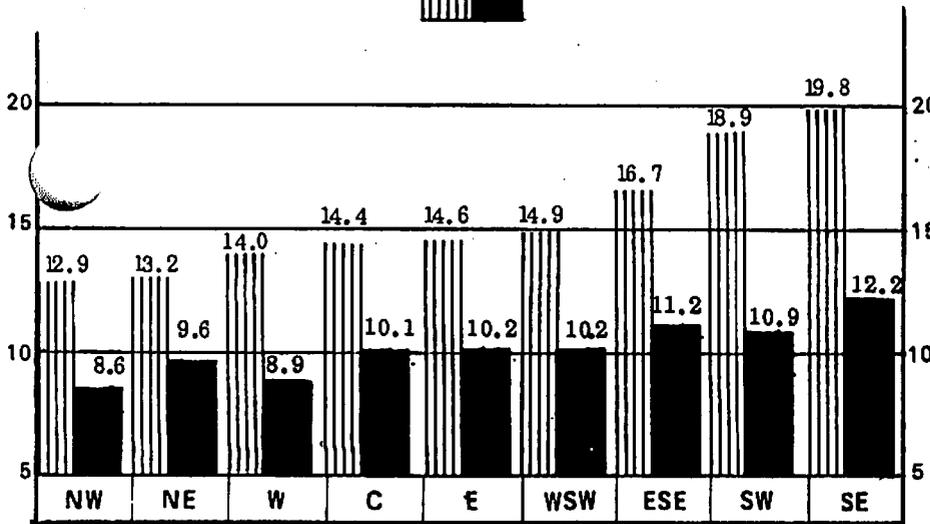
Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is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

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Jan. 1-May 31

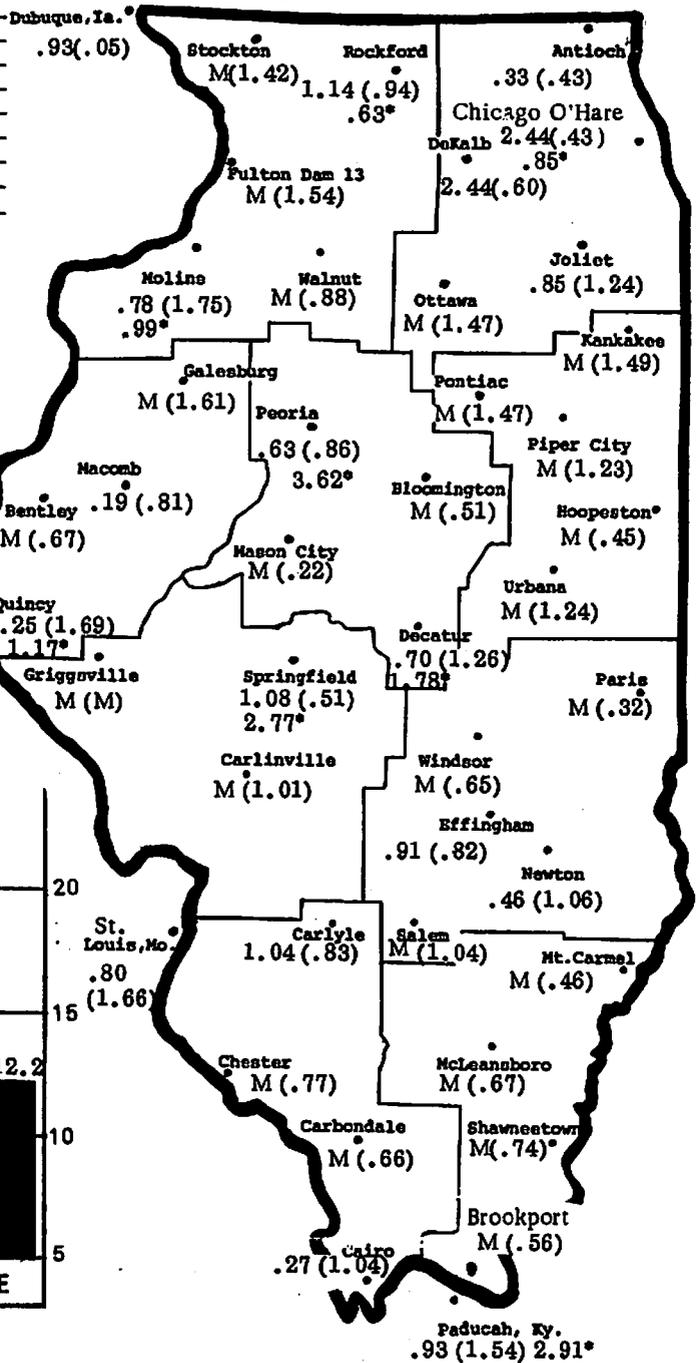
Jan. 1-May 29



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PRECIPITATION:

First figure--current week, May 23-29
 Parentheses--previous week
 Asterisk--Friday-Sunday
 M--Missing. T--Trace.



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