

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

- *** Soybeans - 96% planted
- *** Wheat - 85% filled, 20% turning yellow
- *** Soil Moisture - 37% surplus
 56% adequate
 7% short

CORN was reported as ¹⁴~~13~~ in excellent condition, ~~81~~ good, and ~~7~~ fair as of June 6. The average height of corn in all fields was 12 inches on June 8 compared to 6 inches last year and the 5-year average (1975-79) of 9 inches. The height of the most advanced fields was 20 inches compared to 12 inches a year ago and the average of 16 inches. Heavy rains in the Central portion of the state caused flooding in low areas and may cause some replanting of corn. A few reports of hail damage were also received.

SOYBEAN planting was 96% complete compared to 88% last year and the 5-year average of 87%. The soybean crop was reported as 86% of full stand compared to 81% last year. Crop condition was reported as 8% excellent, 65% good, 25% fair, and 2% poor. Replanting of some soybeans in the central portion of the state due to heavy rains may be necessary.

WHEAT condition was reported as 15% excellent, 78% good, and 7% fair. Eighty-five percent of the crop was filled compared to 78% last year and the average of 85%. About 20% of the crop was turning yellow compared to 17% last year and an average of 41%.

The OATS crop was reported as 7% in excellent condition, 68% good, 21% fair, and 4% poor. About 24% of the crop was headed compared to 26% last year and the 5-year average of 42%. Approximately 5% of the crop was filled compared to 4% last year and the average of 17%.

SORGHUM planting was about 80% complete.

ALFALFA HAY first cutting is 45% complete compared to 66% in 1979 and 62% for the

5-year average. The crop was reported as 28% excellent, 67% good, and 5% fair.

RED CLOVER HAY is 35% cut, compared to 49% last year and the average of 55%. The crop was reported as 22% excellent, 72% good, and 6% fair.

PASTURES were reported as 19% excellent, 71% good, and 10% fair.

SOIL MOISTURE was reported as 7% short, 56% adequate, and 37% surplus as of Friday, June 6.

There were 2.75 DAYS SUITABLE for FIELDWORK for the week ending June 6.

MOTOR FUEL SUPPLIES were adequate throughout the state.

MAJOR ACTIVITIES included planting soybeans, cutting hay, and cultivating as weather permitted. During the early part of the week rainfall limited field work in the central and northern portions of the state.

WEATHER

TEMPERATURES for the period of June 2-8 averaged from normal to 5 degrees above normal over the State as a warm trend continued for the third straight week. Maximum temperatures again climbed into the 80's and 90's.

PRECIPITATION was heavy in the northern half of the State with amounts ranging from 1 to 5 inches. The South received one-half of an inch to one inch, and some sections recorded no rainfall. Up to 3 inches of rain fell on local sections during a 24-hour period causing flooding. Severe thunderstorms were reported in many areas.

The OUTLOOK for the period of June 11-17 is for temperatures to be near normal and precipitation to be below 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 8)	98	97	93	97	98	95	94	90	97	96	87
Alfalfa: % 1st Crop (June 8)	20	30	50	60	45	75	75	90	75	45	62
Days suitable for fieldwork: (week ending June 6)	2.5	2.0	1.0	1.0	1.0	2.0	4.0	6.0	7.0	2.75	
Soil Moisture %:											
as of June 6) Short	--	--	--	--	--	--	15	30	50	7	
Adequate	90	85	20	35	25	65	55	70	50	56	
Surplus	10	15	80	65	75	35	30	--	--	37	



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ILLINOIS WEATHER

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	June 2-8
Chicago	-2	-3	+1	0	-5	+3	+7	0
Moline	-4	-2	+1	-1	-3	+3	+7	+3
Springfield	-2	-2	-1	0	-4	+1	+9	+3
So. Central	-3	-3	-2	0	-1	+1	+4	+5

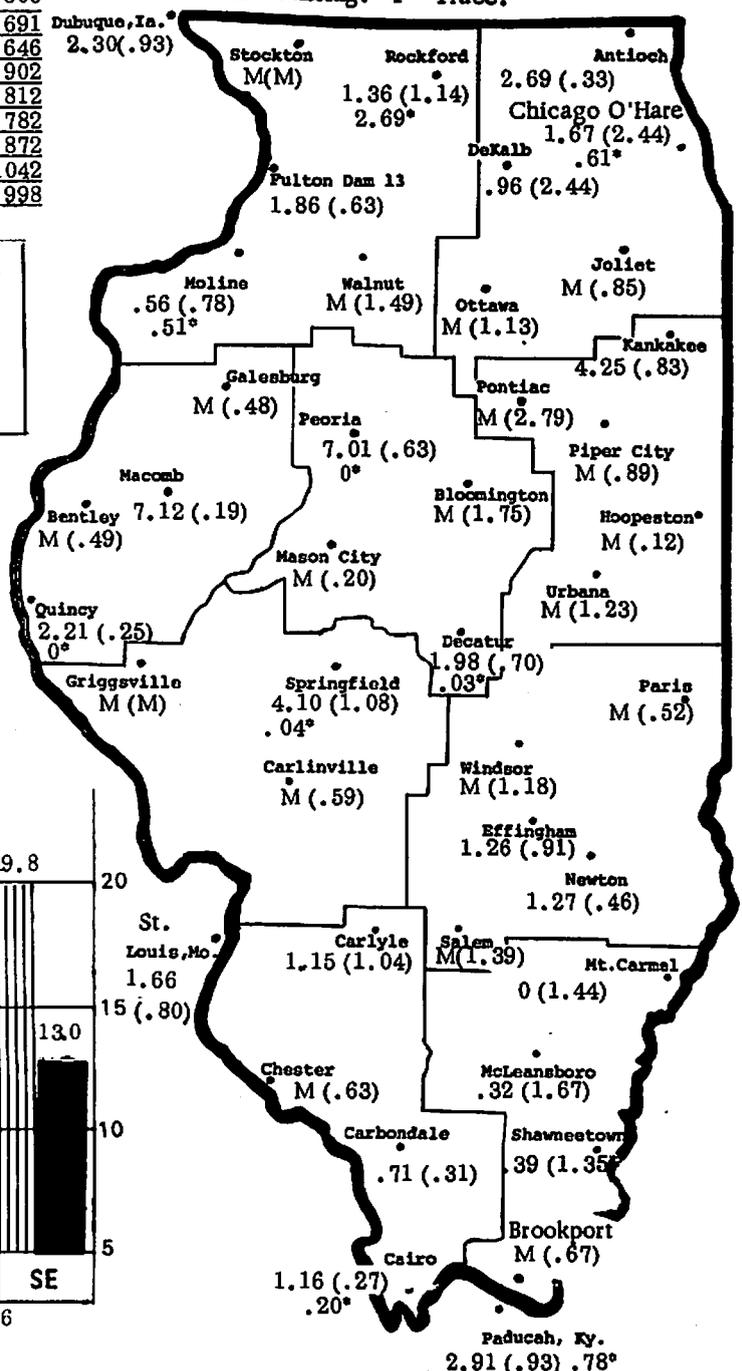
STATION	Temperatures			Growing Degree Days*			
	Week ending Fri. 6 A.M.	Week ending Mon. 6 A.M.	Maxi- Mini- : Aver- : age	Current : week	3-year : avg.	Totals : 1979 : 1980	
Dubuque, IA	--	--	--	130	699	592	729
Moline	89	60	72	147	852	747	806
Rockford	86	53	66	127	777	650	691
Chicago O'Hare	80	50	67	114	780	653	646
Quincy	87	61	75	156	916	833	902
Decatur	87	52	73	146	918	804	812
Peoria	86	59	72	146	989	876	782
Springfield	88	61	75	157	951	774	872
Cairo	94	73	81	186	1134	997	1042
St. Louis	--	--	--	178	1037	929	998

* 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, 5/30-6/5
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.



ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Jan. 1-May 31 | Jan. 1-June 5

