

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture
Economics, Statistics &
Cooperatives Service—USDA
Box 429 Springfield, Illinois 62705
Phone: (217) 782-4898

Released: June 16, 1980, 3 P.M., CDT

DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

- *** Wheat - 70% turning yellow, 5% ripe
- *** Soil Moisture - 11% surplus
62% adequate
27% short

The average height of CORN in all fields as of June 15 was 20 inches compared to 11 inches in 1979 and the 5-year average (1975-79) of 16 inches. Height of the most advanced fields was 30 inches compared to 20 inches last year and the average of 27 inches. Crop condition as of June 13 was reported as 6% excellent, 83% good, and 11% fair.

The SOYBEAN crop condition was reported as 4% excellent, 58% good, 36% fair, and 2% poor. Mechanical damage to soybean plants was reported in many areas of the State.

WHEAT condition was reported as 16% excellent, 71% good, and 13% fair. About 70% of the crop was turning yellow compared to 65% last year and the average of 70%. Five percent of the crop was ripe compared to 4% in 1979 and 25% for the average.

The OATS crop was reported as 4% excellent, 66% good, 26% fair, and 4% poor. About 52% of the crop was headed compared to 52% last year and 63% for the 5-year average. Approximately 15% of the crop had begun to fill compared to 18% in 1979 and 30% for the average.

ALFALFA HAY first cutting progressed well last week with about 81% complete by the 15th compared to 84% last year and the average of 81%. The crop was reported as 15% excellent, 77% good, and 8% fair.

RED CLOVER HAY was 64% cut, compared to 68% last year and 73% for the 5-year average. Crop condition was reported as 15% excellent, 80% good, and 5% fair.

PASTURES were reported as 14% excellent, 75% good, and 11% fair.

SOIL MOISTURE was reported as 27% short, 62% adequate, and 11% surplus as of Friday, June 13.

There were 5.75 DAYS SUITABLE for FIELDWORK for the week ending June 13.

MOTOR FUEL SUPPLIES for agricultural uses were generally adequate throughout the State.

MAJOR ACTIVITIES included haying, cultivating corn and soybeans, and mowing weeds.

WEATHER

TEMPERATURES for the period of June 8-14 averaged 1 degree to 6 degrees below normal over the State, bringing to an end a 4-week warm spell. Several new minimum records were set in the North and minimum readings fell into the 40's. After mid-week the southern area recorded maximum temperature in the 90's.

PRECIPITATION was again heavy in the North but the South was dry. Rainfall amounts ranged from one-half of an inch to 4 inches in the North and only traces in the South. The Illinois River is still above flood stage at several locations.

The OUTLOOK for the period of June 18-24 is for below normal temperatures and near normal precipitation over Illinois. The EXTENDED OUTLOOK from June 15-July 15 is for above normal temperatures and above normal precipitation in most sections of the State.

MAY

Average TEMPERATURES for May were near normal, ranging from 2 degrees above normal to 1 degree below normal in most districts of the State. Parts of the central areas were as much as 4 degrees above normal. The month started with above normal temperatures in the North, but below normal in the South. Maximum temperatures during this period climbed into the 80's. A cool trend then developed at the end of the first week sending minimum temperatures below the freezing mark. By the third week departures were running above normal with maximum temperatures climbing into the 80's and 90's during the last week of the month.

PRECIPITATION was below normal in every district of the State for the second straight month. A dry period which started last month continued through the first half of May with little or no rain recorded in many areas. In the second and third week, 1 to 2 inches fell on local areas of the State. During the last week severe storms dumped up to 5 inches on scattered areas. Water rose in a few rivers and streams causing flooding. The severe storms also caused property and crop damage in some sections.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Alfalfa: % 1st Crop (June 15)	80	60	80	85	75	90	90	95	90	81	81
Days suitable for fieldwork: (week ending June 13)	5.5	5.0	5.5	5.5	4.0	6.0	6.5	7.0	7.0	5.75	
Moisture %: as of June 13)											
Short	10	--	5	10	10	25	40	100	60	27	
Adequate	90	75	70	80	50	75	55	--	40	62	
Surplus	--	25	25	10	40	--	5	--	--	11	



OFFICIAL BUSINESS

Illinois Weather & Crops
June 16, 1980

ILLINOIS WEATHER

PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
May	3.07	3.08	2.82	2.35	2.84	2.85	2.36	2.91	3.43
Departure	-.80	-.50	-1.16	-1.62	-1.33	-1.42	-2.06	-1.71	-1.25

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

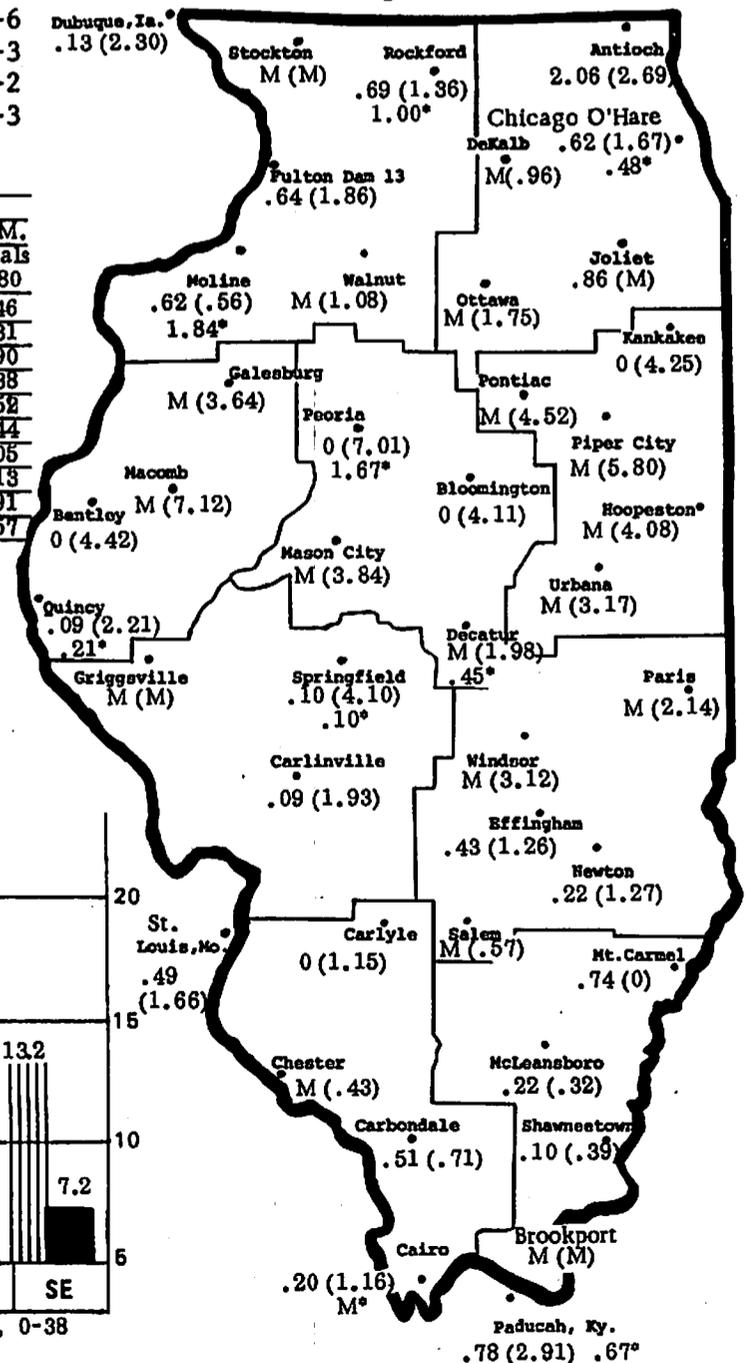
	April	May	May 26- June 1	June 2-8	June 9-15
Chicago	-3	0	+7	0	-6
Moline	-2	-2	+7	+3	-3
Springfield	-2	+4	+9	+3	-2
So. Central	-3	-1	+4	+5	-3

PRECIPITATION:

First figure--current week, June 6-12
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

STATION	JUNE 13			JUNE 16			
	Temp	Maxi	Mini	Current	3-year	Totals	Totals
	Week ending Fri. 6 A.M.	Week ending Monday 6 A.M.	Aver- age	week	avg. : 1979	1980	1980
Dubuque, IA	--	--	--	117	825	727	846
Moline	84	44	68	125	1003	914	931
Rockford	84	41	64	99	906	789	790
O'Hare	80	41	63	92	910	793	738
Peoria	89	52	71	150	1078	1010	1052
Springfield	89	69	69	132	1067	972	944
St. Louis	85	46	67	123	989	876	905
Cairo	94	58	70	149	1305	1174	1191
St. Louis	--	--	--	159	1208	1118	1157

* Totals are accumulated from April 1.



ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-June 30

Apr. 1-June 12

