

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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DOC, NOAA, NATIONAL WEATHER SERVICE

CROP HI-LITES

*** Wheat - 95% turning yellow, 25% ripe
*** Soil Moisture - 8% surplus
57% adequate
35% short

CORN crop condition as of June 20 was reported as 16% excellent, 70% good, and 14% fair. The average height of corn in all fields was 27 inches as of June 22 compared to 20 inches in 1979 and 26 inches for the 5-year average (1975-79). Height of corn in the most advanced fields was 40 inches compared to last year's 31 inches and the average of 39 inches.

The crop condition for SOYBEANS was reported as 4% excellent, 49% good, and 47% fair. The crop is still reported to be suffering from earlier chemical damage in some areas.

WHEAT condition was reported as 16% excellent, 77% good, and 7% fair. As of June 22, approximately 95% of the crop was turning yellow and 25% was ripe. This same time last year 90% was turning yellow and 25% was ripe. The 5-year average for June 22 is 87% turning yellow and 52% ripe. Harvest was just beginning in a few southern areas compared to 4% harvested in 1979 and a 5-year average of 17%.

The OATS crop was reported as 2% excellent, 71% good, and 27% fair. About 80% of the crop was headed compared to 78% last year and the average of 82%. Roughly 40% of the crop was filled compared to 40% last year and an average of 49%.

ALFALFA HAY first cutting was nearing completion with about 94% cut compared to 96% in 1979 and 92% for the average. Alfalfa condition was reported as 10% excellent, 74% good, and 16% fair. Growth for second cutting was reported as being slow due to lack rainfall.

RED CLOVER HAY was 80% cut compared to 81% last year and the average of 83%. The crop condition was 13% excellent, 77% good, and 10% fair.

PASTURES were reported as 8% excellent, 63% good, and 29% fair.

SOIL MOISTURE as of Friday, June 20 was reported as 8% surplus, 57% adequate, and 35% short. The southern third of the state is the shortest on soil moisture.

There were 5.75 DAYS SUITABLE for FIELDWORK for the week ending June 20.

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

MAJOR ACTIVITIES included haying, weed control on corn and soybeans and preparing for the small grain harvest.

WEATHER

TEMPERATURES for the period of June 16-22 continued cool and a rather dry period persisted with temperature departures well below the weekly normals, varying from 9 degrees below normal in the northern sections, to 4 degrees below in the Southwest and 8 degrees below in the extreme South.

PRECIPITATION totals for the week were on the sparse side, as rainfall amounts varied widely. Little or no rainfall was reported in the west and central sections, near one-quarter inch in the east and northeast sections, and heavy amounts in the south and southeast sections, where over 1 inch was received.

The OUTLOOK for the period June 25 through July 2 indicates above normal temperatures and near normal precipitation except below normal rainfall for the south southwest portions of the State.

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 22)	92	85	94	98	95	98	98	98	98	94	92
Days suitable for fieldwork: (week ending June 20)	5.0	5.5	4.5	5.0	5.0	6.5	6.5	7.0	6.5	5.75	
Soil Moisture %: (as of June 20)											
Short	7	--	17	--	8	53	47	100	100	35	
Adequate	86	93	55	87	77	47	53	--	--	57	
Surplus	7	7	28	13	15	--	--	--	--	8	



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Illinois Weather & Crops
June 23, 1980

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	April	May	May 26- June 1	June 2-8	June 9-15	June 16-22
Chicago	-3	0	+7	0	-6	-8
Moline	-2	-2	+7	+3	-3	-8
Springfield	-2	+4	+9	+3	-2	-7
So. Central	-3	-1	+4	+5	-3	-6

June 23

Station	Growing Degree Days*			
	Week ending Monday 6 A.M.			
	Current:	3-year	Totals	Totals
	week	avg.	1979	1980
Dubuque, IA	114	947	844	960
Moline	109	1,150	1,064	1,040
Rockford	99	1,036	908	889
Chi. O'Hare	99	1,019	922	837
Quincy	137	1,244	1,180	1,189
Decatur	121	1,226	1,136	1,065
Peoria	114	1,138	1,027	1,019
Springfield	130	1,273	1,129	1,143
Cairo	154	1,492	1,351	1,345
St. Louis:	157	1,385	1,305	1,314

* Totals are accumulated from April 1.

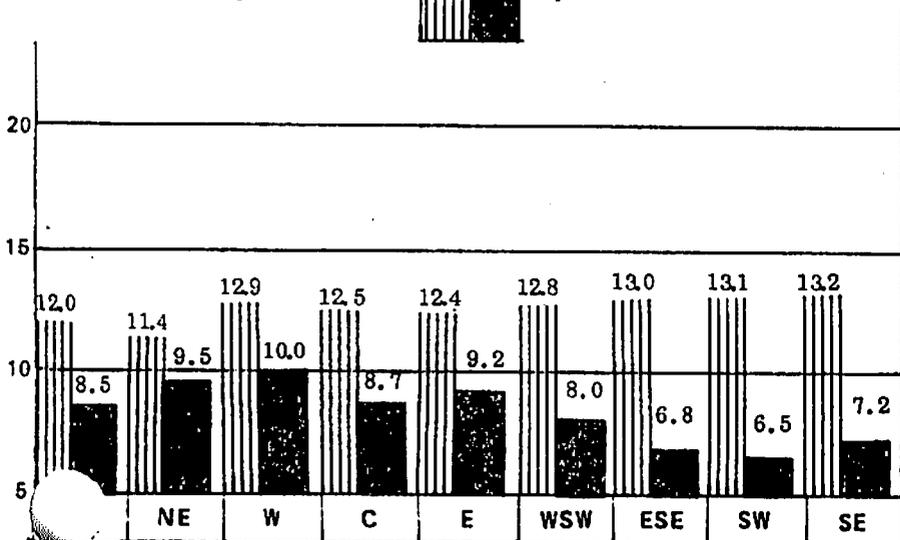
Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is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

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Apr. 1-June 30

Apr. 1-June 19



PRECIPITATION:

First figure--current week, June 13-19
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

