

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture
Economics & Statistics Service-USDA
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Released: JUNE 8, 1981, 3 P.M., CDT

DOC, NOAA, NATIONAL WEATHER SERVICE

VOL. 2, NO. 13

CROP HI-LITES

- *** Corn - 94% planted
- *** Soybeans - 63% planted
- *** Wheat - 90% filled
50% turning yellow
- *** Soil Moisture - 9% short
54% adequate
37% surplus

CORN on June 5 was reported as 5% in excellent condition, 58% good, 35% fair and 2% poor. Planting was 94% complete as of June 7. This compares to 100% last year and the 5-year (1976-80) average of 97%. Corn was reported as 81% of full stand, down from 92% a year ago. Flooding and blown out areas in the southern 2/3 of the state and reports of cutworms in the northern 1/3 contribute to the stand problems.

SOYBEAN planting was 63% complete on June 7 compared to 95% last year and an average of 87%.

SORGHUM planting was 20% complete as of June 7.

WINTER WHEAT on June 5 was reported as 22% in excellent condition, 68% good, and 10% fair. Ninety percent of the wheat crop was filled by June 7 compared to 87% last year and an average of 81%. Fifty percent of the crop was turning yellow compared to 23% last year and an average of 36%.

The OATS crop on June 5 was 24% in excellent condition, 70% good, and 6% fair. Approximately 45% of the crop was headed on June 7 compared to 24% last year and an average of 37%. Twenty percent of the crop was filled on June 7 compared to 4% last year and an average of 15%.

ALFALFA was reported as 21% excellent, 62% good, 14% fair and 3% poor on June 5. About 59% of the first cutting was complete on June 7 compared to 47% last year and an average of 61%.

RED CLOVER was reported as 31% excellent, 63% good, and 6% fair on June 5. About 30% of the crop was cut on June 7 compared to 35% last year and an average of 50%.

PASTURES on June 5 were reported as 34% excellent, 57% good, and 9% fair.

SOIL MOISTURE on June 5 was reported as 37% surplus, 54% adequate, and 9% short.

For the week ending June 5 there were 4.25 DAYS SUITABLE for FIELDWORK. Fieldwork has been very limited for the past four weeks in the southeastern quarter of the State.

WEATHER

TEMPERATURES for the period of June 1-7 averaged 3 to 5 degrees above normal as a warm period started in the beginning of the week. By the 7th the maximum temperatures around the State climbed into the upper 80's.

PRECIPITATION was light in the North with many areas recording a trace to .10 of an inch. However, the area near Moline received three-quarters of an inch. The South recorded .80 of an inch to 2.50 inches. Scattered thunderstorms developed over some sections of the State at different times during the week.

The OUTLOOK for the period of June 9 thru June 15 is for temperatures to be below normal and precipitation to be near normal in Illinois.

SOIL MOISTURE MEASUREMENTS

Soil moisture in a well-drained Flanagan soil in Champaign County is down slightly from last week. As of June 2, the uppermost 6 1/2 feet contained about 24.6 inches of water, down from 25.1 inches the previous week at this time. Although about 0.21 inches of precipitation fell during the intervening seven days, percolation downward and evaporation from the soil surface yield the net decrease in soil moisture. From the surface to 4 inches, this soil contained 60% plant-available moisture; from 4 to 12 inches, 45% and from 12 to 20 inches, 51%. The first two values are down about 10 percentage points from the previous week, with the last being about 4 percentage points decreased from last week.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: % planted (as of June 7)	100	100	94	98	96	97	80	88	70	94	97
Soybeans: % planted (as of June 7)	99	95	75	80	75	70	25	20	35	63	87
Alfalfa: % hay cut (as of June 7)	60	55	55	60	60	70	50	60	50	59	61
Days Suitable for fieldwork: (week ending June 5)	6.5	6.5	5.0	4.5	5.0	4.0	2.0	.5	.5	4.25	
Soil Moisture %: Short (as of June 5)	45	10	10	--	10	--	--	--	--	9	
Adequate	55	80	60	80	70	75	30	--	--	54	
Surplus	--	10	30	20	20	25	70	100	100	37	

Illinois Weather & Crops (ISSN: 0273-8635) is published weekly April-November, monthly December-March by the Illinois Department of Agriculture, Illinois Cooperative Crop Reporting Service, Room 218, Federal Building, 600 East Monroe, Springfield, IL 62701. This publication is free upon request to the above address. Postmaster: Send Change of Address Form 3579 to P.O. Box 429, Springfield, IL 62705.

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ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	March	April	Apr. 27- May 3	May 4- 10	May 11- 17	May 18 24	May 25- 31	June 1- 7
Chicago	+1	+2	+1	-5	-7	+1	0	+4
Moline	+2	+3	+2	-6	-8	-2	+2	+3
Springfield	+5	+7	+2	-5	-6	-3	+2	+4
So. Central	+1	+6	+4	-4	-9	-6	0	+4

STATION	June 5			June 8			
	Maxi- mum	Mini- mum	Aver- age	Current week	3-yr. avg.	Totals 1980	Totals 1981
Dubuque, IA	--	--	--	147	617	711	687
Moline	87	46	69	148	738	785	773
Rockford	82	45	68	143	653	673	676
Chicago O'Hare	83	41	66	145	638	630	695
Quincy	82	51	69	146	817	880	803
Decatur	85	49	71	167	778	791	842
Peoria	87	50	70	164	729	761	817
Springfield	87	48	72	166	815	849	928
Cairo	87	65	75	175	1024	1015	1109
St. Louis	85	63	75	174	928	972	1041

* Totals are accumulated from April 1.

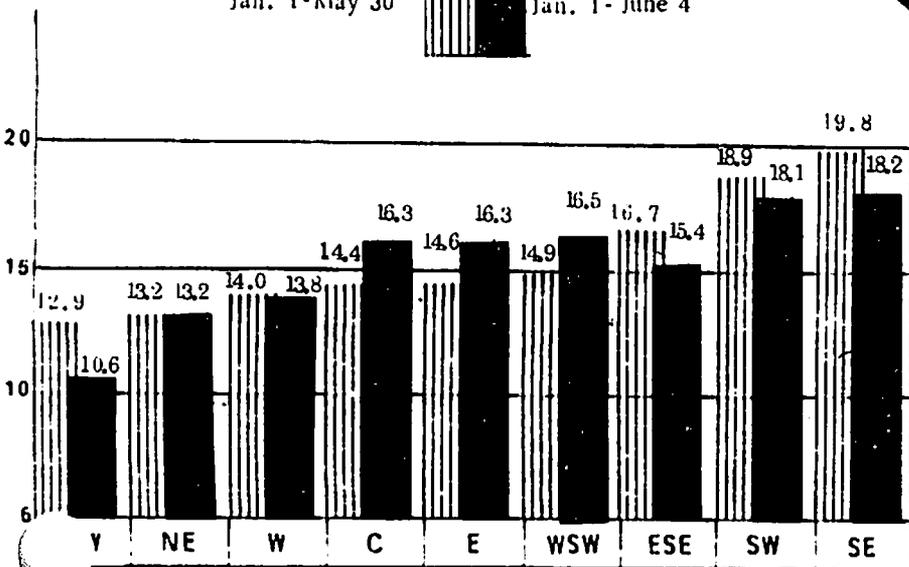
Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 30 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.

ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Jan. 1-May 30

Jan. 1- June 4



PRECIPITATION:

First figure--current week, 5/29-6/4
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

