

East

# ILLINOIS WEATHER & CROPS



## ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture  
STATISTICAL REPORTING SERVICE USDA  
Box 429 Springfield, Illinois 62705  
Phone: (217) 492-4295

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#### CROP HI-LITES

- \*\*\* Soybeans - 90% planted
- \*\*\* Wheat - 65% turning yellow, 2% ripe
- \*\*\* Soil Moisture - 6% short, 53% adequate, 41% surplus

CORN condition on Friday, June 11, was reported as 9% excellent, 72% good, 18% fair and 1% poor. The average height of corn on Sunday, June 13, was reported at 7 inches compared to 10 inches last year and the 5-year average (1977-81) of 14 inches. The height of the most advanced corn was reported at 28 inches compared to 20 inches last year and an average of 24 inches. Some corn is yellow in color because of too much rain, and also some fields are weedy because of lack of cultivation (too wet).

Planting of SOYBEANS was 90% complete on June 13 compared to 75% last year and an average of 91%. Condition of soybeans on June 11 was reported as 4% excellent, 64% good, 31% fair and 1% poor.

SORGHUM planting was 70% complete as of June 13.

WINTER WHEAT condition on June 11 was reported as 3% excellent, 65% good, 29% fair, and 3% poor. Sixty-five percent of the wheat crop was turning yellow by June 13 compared to 79% last year and an average of 67%. Two percent of the crop was ripe compared to 17% last year and an average of 23%.

The OATS crop on June 11 was reported as 7% excellent, 62% good, 26% fair and 5% poor. Approximately 45% of the crop was headed on June 13 compared to 60% last year and an average of 57%. Fifteen percent of the crop was filled compared to 20% last year and an average of 24%.

ALFALFA was reported as 14% excellent, 65% good, 18% fair and 3% poor on June 11. About 66% of the first crop was cut by June 13 compared to 75% last year and an average of 77%.

RED CLOVER was reported as 11% excellent, 74% good, 13% fair and 2% poor on June 11. About 45% of the crop was cut for hay by June 13 compared to 48% last year and an average of 63%.

PASTURES on June 11 were reported as 21% excellent, 66% good, and 13% fair.

SOIL MOISTURE was reported as 6% short, 53% adequate, and 41% surplus on June 11.

There were 3.25 DAYS SUITABLE for FIELDWORK for the week ending June 11.

#### WEATHER

TEMPERATURES for the period of June 7 thru June 13 averaged from 0 to 5° below normal throughout most of the State as a cool trend continued for the second straight week.

PRECIPITATION was light again in the North and heavy in some portions of the southern section. Amounts ranged from .01 of an inch to 1.70 inches. Scattered thunderstorms gave localized areas more than 1.00 inches during a 24-hour period.

The OUTLOOK for the period of June 15 thru June 21 is for temperatures to be below normal and precipitation to be near normal.

#### SOIL MOISTURE MEASUREMENTS

Soil moisture is measured each week by the Illinois State Water Survey at a site near Bondville (Champaign County). As of June 7, soil moisture in the moderately well-drained Flanagan soil in the total column from the surface to about 7 feet increased from 60% of Potential Plant Available Moisture (PPAM) to 69%. Between the surface and 4 inches depth, the moisture increased from 32% of PPAM to 60%. Between 4 and 12 inches, the PPAM increased from 19% to 41%. From 12 to 20 inches depth, the PPAM increased from 26% to 38%. Precipitation during the week prior to the measurement amounted to 1.83 inches.

#### ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Soybeans: % planted (as of June 13)	92	95	90	93	94	90	87	82	90	90	91
Alfalfa: % hay cut (as of June 13)	70	55	50	65	70	60	70	85	90	66	
Days suitable for fieldwork: (week ending June 11)	6.5	7.0	3.5	4.0	4.0	1.5	1.0	0.5	1.5	3.25	
Soil moisture % (as of June 11)											
Short	30	50	--	--	--	--	--	--	--	6	
Adequate	65	50	40	80	85	30	35	20	50	53	
Surplus	5	--	60	20	15	70	65	80	50	41	

-OVER-

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# ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	April	April 27- May 3	May 4- 10	May 11- 17	May 18- 24	May 25- 31	June 1- 7	June 8- 14
Chicago	-4	-2	+10	+13	+2	+1	-6	-2
Peoria	-5	+2	+9	+13	+3	+3	-4	-2
Springfield	-5	0	+8	+12	+4	+2	-5	-2
St. Louis	-4	-2	+6	+6	+4	+2	-5	-2

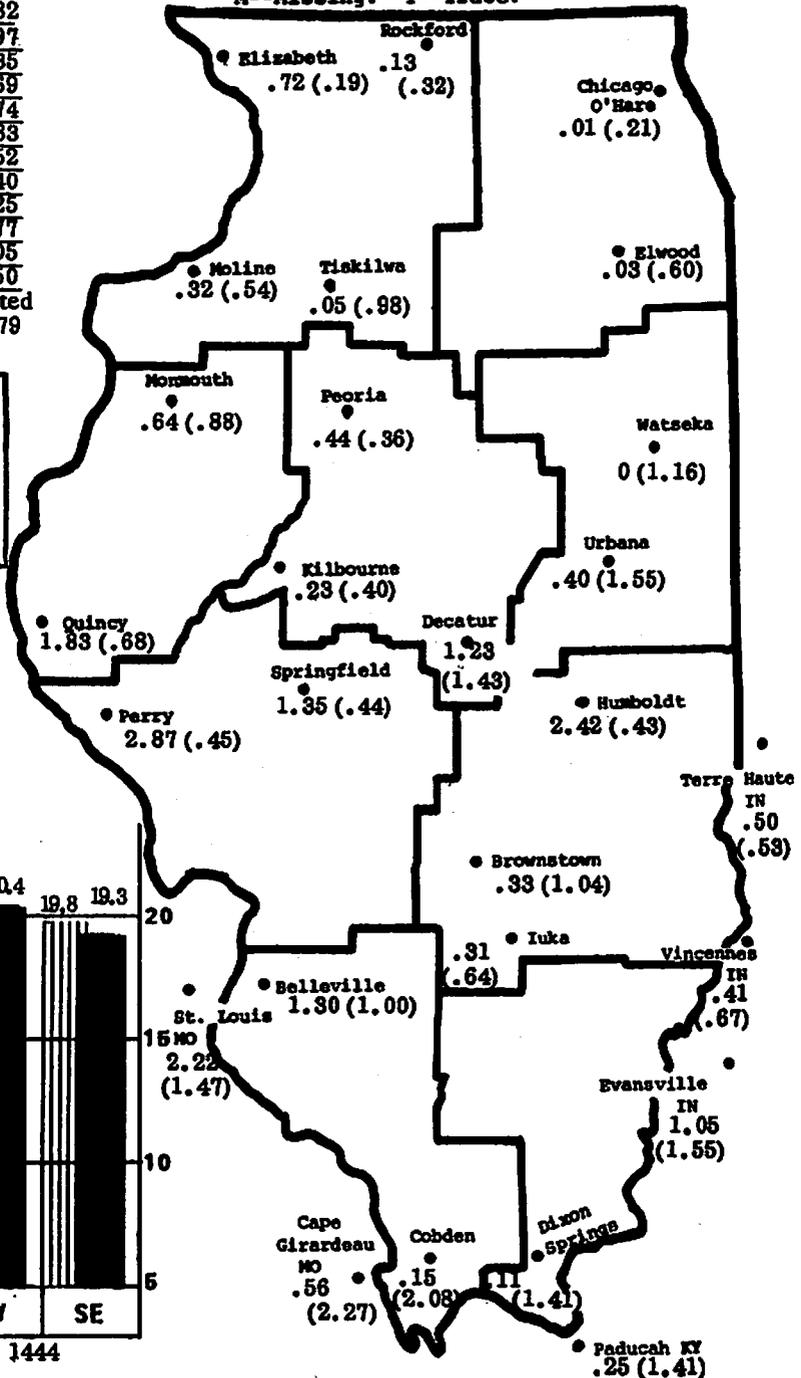
Week ending Monday, 6 A.M., June 14

STATION	Maxi- mum	Mini- mum	Aver- age	Current week	3-Yr. av. 2/	Totals 1981	Totals 1982
Moline	83	48	66.7	120	892	914	897
Rockford	86	43	65.7	112	770	801	835
Chi. O'Hare	92	43	65.5	109	765	826	769
Quincy	80	50	66.6	118	973	950	874
Decatur	79	51	66.6	116	941	995	883
Peoria	84	50	67.8	125	891	972	952
Watska	84	47	66.6	119	3/	853	840
Springfield	84	53	69.0	133	937	1085	1025
Brownstown	90	50	68.5	127	3/	1152	977
St. Louis	88	58	70.9	146	1128	1209	1105
Dixon Sprgs	88	53	72.5	157	3/	1295	1150

1/Totals are accumulated from April 1. 2/Average of accumulated totals for 1979, 1980 and 1981. 3/Data are not available for 1979 and 1980.

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, June 8-14  
 Parentheses--Previous week  
 M--Missing. T--Trace.



## ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

Jan. 1-May 31

Jan. 1-June 14

