

ILLINOIS WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

Illinois Department of Agriculture
STATISTICAL REPORTING SERVICE - USDA
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Released: SEPTEMBER 28, 1981, 3 P.M., CDT **DOC, NOAA, NATIONAL WEATHER SERVICE**

VOL. 2 NO. 29

CROP HI-LITES

- *** Corn - 85% mature, 9% harvested
- *** Soybeans - 88% turning yellow,
65% shedding leaves
11% harvested
- *** Wheat - 8% seeded
- *** Soil Moisture - 6% short, 88% ade-
quate, 6% surplus

CORN on September 27 was 85% mature, compared to 100% last year and an average of 95%. Nine percent of the corn has been harvested compared to 18% in 1980 and an average of 10%.

SOYBEANS as of September 27 were 88% turning yellow compared to 95% last year and an average of 95%. Sixty-five percent of the crop was shedding leaves compared to 88% last year and an average of 86%. Eleven percent of the soybean crop has been harvested compared to 25% last year and an average of 25%.

Light percent of the 1982 WINTER WHEAT crop for Illinois has been seeded as of September 27, compared to 10% last year and an average of 9%.

SORGHUM on September 27 was 15% harvested.

PASTURES on September 25 were reported as 22% excellent, 60% good, and 18% fair.

SOIL MOISTURE on September 25 was reported as 6% short, 88% adequate and 6% surplus.

For the week ending September 25, there were 6.50 DAYS SUITABLE for FIELDWORK.

WEATHER

TEMPERATURES for the period of September 21 to 27 averaged 1 to 3 degrees below normal in the North and near normal over the remaining sections of the State. Minimum temperatures dropped into the 30's and 40's in many areas and frost was reported in some portions.

PRECIPITATION was heavy in the North and West Districts where amounts ranged from 1 to 4 inches; some sections reported more than 1.50 inches during a 24-hour period. The Central and South Districts received from .30 to .80 of an inch.

The Outlook for the period of September 29 through October 5 is for temperatures to be below normal and precipitation to be near normal over the State.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Top and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Soybeans: % turning yellow(as of Sept.27);	95	95	90	90	93	90	80	80	80	88	95
% combined (as of Sept.27)	13	10	10	13	10	13	5	17	17	11	25
Days suitable for fieldwork: (week ending Sept. 25)	6.5	6.0	6.5	6.5	6.5	6.5	6.0	7.0	7.0	6.50	
Soil moisture %:(as of Sept. 25)											
Short	10	10	5	--	--	--	--	20	30	6	
Adequate	75	90	90	100	90	95	90	80	70	88	
Surplus	15	--	5	--	10	5	10	--	--	6	

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ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	July	August	Aug. 31- Sept. 6	Sept. 7- 13	Sept. 14- 20	Sept. 21- 27
Chicago	+1	0	-1	+3	-6	-3
Moline	-2	-1	-2	+2	-3	-2
Springfield	+1	0	0	+2	-4	0
So. Central	+1	-1	-2	0	-6	0

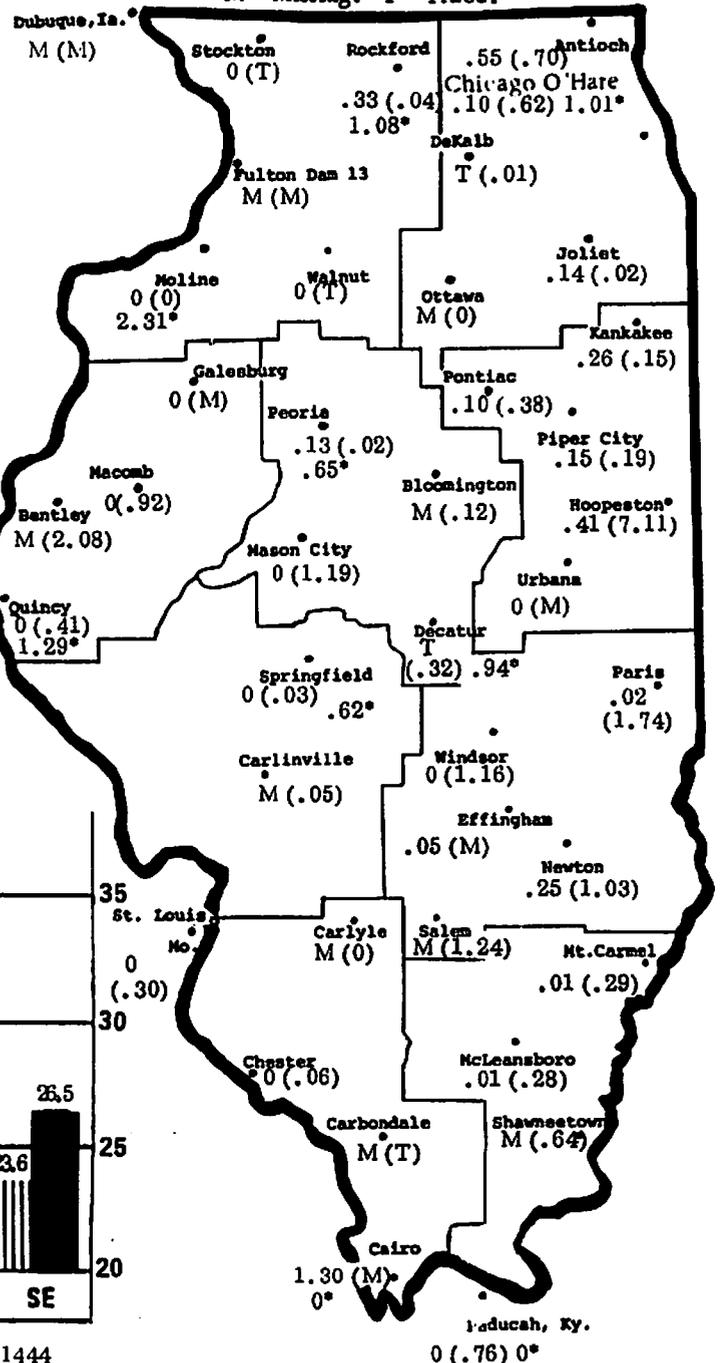
STATION	September 25			September 28		
	Maxi- num	Mini- num	Aver- age	Current week	3-year avg.	Totals 1980-1981
Dubuque, IA	--	--	--	70	2860	3080
Moline	79	40	61	86	3193	3285
Rockford	78	41	60	82	2937	2968
Chicago O'Hare	77	35	59	76	3019	3038
Quincy	81	45	61	99	3529	3739
Decatur	80	42	60	96	3032	3478
Peoria	79	49	64	106	3242	3348
Springfield	87	44	65	113	3470	3615
Cairo	80	46	63	131	3898	3989
St. Louis	--	--	--	125	3820	4019

* 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 32 degrees (F). Thus, if the mean temperature for the day is 55 degrees, then 25 GDD's will have been accumulated.

PRECIPITATION:

First figure--current week, Sept. 18-24
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing, T--Trace.



ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

April 1-September 30

April 1-September 24

