

ILLINOIS

WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

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Released: SEPTEMBER 21, 1981, 3 P.M., CDT **DOC, NOAA, NATIONAL WEATHER SERVICE**

VOL. 2 NO. 28

CROP HI-LITES

For the week ending September 18, there were 5.50 DAYS SUITABLE for FIELDWORK.

- *** Corn - 93% dented, 60% mature, 3% harvested
- *** Soybeans - 70% turning yellow, 35% shedding leaves 3% harvested
- *** Soil Moisture - 80% adequate 20% surplus

WEATHER

CORN on September 18 was reported as 29% in excellent condition, 66% good, and 5% fair. On September 20, 93% of the corn crop was dented compared to 100% last year and an average of 97%. Sixty percent of the crop was mature compared to 93% last year and an average of 86%. Three percent of the corn has been harvested compared to 9% in 1980 and an average of 5%.

TEMPERATURES for the period September 14-20 averaged 3 degrees to 6 degrees below normal. Minimum temperatures dropped into the lower 40's across the State during part of the week.

SOYBEANS on September 18 were reported as 13% in excellent condition, 74% good and 13% fair. As of September 20, 70% of the soybeans were turning yellow compared to 84% last year and an average of 83%. Thirty-five percent of the crop was shedding leaves compared to 60% last year and an average of 61%. Three percent of the soybean crop has been harvested compared to 8% last year and an average of 9%.

PRECIPITATION was moderate in the Northeast and South, while the remaining areas recorded little or no rainfall. The Northeast recorded .65 of an inch and the South received from .75 of an inch to 1.40 inches. All the rain fell during the first few days of the week.

Three percent of the 1982 WINTER WHEAT crop for Illinois has been seeded as of September 20, compared to 5% last year and an average of 3%.

The Outlook for the period of September 22-28 is for temperatures to be below normal and precipitation to be below normal in Illinois.

PASTURES on September 18 were reported as 28% excellent, 63% good, and 9% fair.

The Extended Outlook from September 15 to October 15 is for below normal temperatures and below normal precipitation in the State.

SOIL MOISTURE on September 18 was reported as 80% adequate and 20% surplus.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: % dented (as of Sept. 20)	93	93	93	94	93	95	93	94	94	93	97
Soybeans: % turning yellow (as of Sept. 20)	75	75	80	75	75	72	55	60	70	70	83
Days suitable for fieldwork: (week ending Sept. 18)	6.5	7.0	7.0	6.0	5.5	5.5	3.0	4.0	5.0	5.50	
Soil moisture %: (as of Sept. 18)											
Short	--	--	--	--	--	--	--	--	--	--	
Adequate	85	100	100	90	80	85	45	40	100	80	
Surplus	15			10	20	15	55	60		20	

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Illinois Weather & Crops
September 21, 1981

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

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

STATION	September 18			September 21		
	Weekending Fri. 6 A.M.	Mini- mum	Aver- age	Week ending Mon. 6 A.M.	Current 3-year avg.	Totals 1980 : 1981
Dubuque, IA	--	--	--	76	2782	3018 2757
Moline	87	40	64	83	3103	3209 2979
Rockford	85	38	64	71	2852	2901 2777
Chicago O Hare	84	42	63	58	2928	2958 2815
Quincy	85	41	66	90	3423	3653 3117
Decatur	86	44	66	80	3261	3384 3063
Peoria	86	42	68	90	3479	3267 3211
Springfield	89	45	68	99	3362	3524 3397
Cairo	85	46	69	86	3782	3881 3775
St. Louis	--	--	--	102	3701	3915 3675

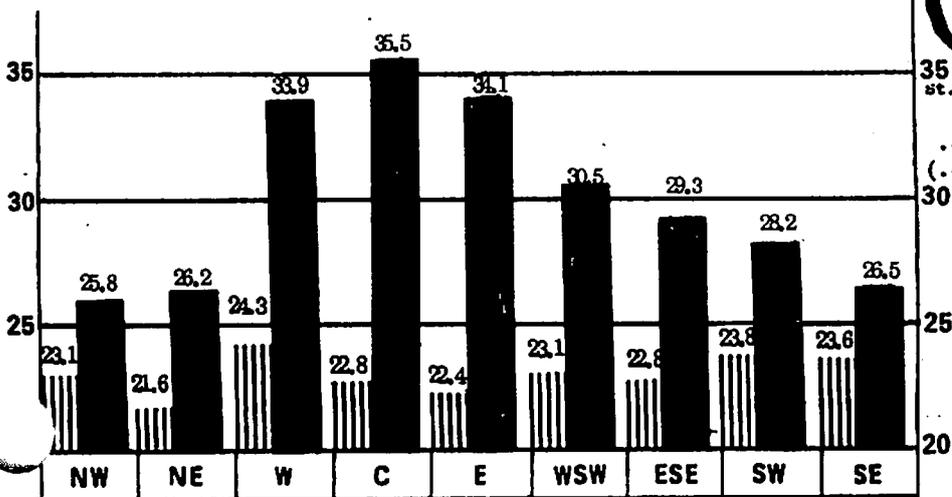
* Totals are accumulated from April 1.

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

April 1-September 30 | April 1-September 17



"Printed by authority of the State of Illinois" 9/21/81, 4, 500, 1444

PRECIPITATION:

First figure--current week, Sept. 11-17
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing, T--Trace.

