

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

Released: SEPTEMBER 14, 1981, 3 P.M., CDT **DOC, NOAA, NATIONAL WEATHER SERVICE**

VOL.2 NO.27

CROP HI-LITES

- *** Corn - 83% dented, 30% mature
- *** Soybeans - 40% turning yellow,
15% shedding leaves
- *** Soil Moisture - 75% adequate
25% surplus

CORN on September 11 was reported as 33% in excellent condition, 64% good, and 3% fair. On September 13, 83% of the corn crop was dented compared to 97% last year and an average of 93%. Thirty percent of the crop was mature compared to % last year and an average of 71%.

SOYBEANS on September 11 were reported as 12% in excellent condition, 78% good and 10% fair. As of September 13, 40% of the soybeans were turning yellow compared to 68% last year and an average of 68%. Fifteen percent of the crop was shedding leaves compared to 37% last year and an average of 38%.

ALFALFA HAY was reported as 22% excellent, 72% good and 6% fair on September 11.

PASTURES on September 11 were reported as 34% excellent, 63% good, and 3% fair.

SOIL MOISTURE on September 11 was reported as 75% adequate and 25% surplus.

For the week ending September 11, there were 5.00 DAYS SUITABLE for FIELDWORK.

WEATHER

TEMPERATURES for the period of September 7 through September 13 averaged 2 degrees to 4 degrees above normal in the northern two-thirds of the State while the South averaged near normal. A cool period which started last week continued into the first half of this week sending minimum readings into the 40's over the northern sections. A warm period developed during the second half of the week with maximum temperatures climbing near the 90-degree mark.

PRECIPITATION averaged from .65 of an inch to 1 inch in the North while the South only received from .05 to .30 of an inch. All the rain this week fell on the 7th. The Quincy area was the only place in the State that recorded rain on the 13th.

The Outlook for the period of September 15 through September 21 is for temperatures and precipitation to be below normal over Illinois.

AUGUST WEATHER SUMMARY

Average monthly TEMPERATURES ranged from 1 degree to 3 degrees below normal in the northern half of the State and near normal in the South. A cool period that developed during the fourth week of July continued through the third week of August. Minimum readings fell into the 40's and 50's during the third week setting a few new record low temperatures. The cool period was broken during the fourth week with a warm trend. Maximum readings climbed into the 90's in most areas.

PRECIPITATION was above normal in all districts except the South. The West District recorded normal rainfall amounts. During the month, periods of heavy rain fell on the northern two-thirds of the State giving local areas as much as 15 inches of rain. New record rainfall amounts were again recorded in some areas. The heaviest amounts were recorded on the 14th when as much as 7 inches fell in the central and eastern sections during a 24-hour period. Rivers and creeks were again above floodstage causing flooding.

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.13)	83	80	80	80	80	87	87	90	90	83	93
Soybeans: % turning yellow(as of Sept.13)	60	55	45	40	35	40	25	35	50	40	68
Days suitable for fieldwork: (week ending Sept. 11)	5.0	4.5	5.5	5.0	4.0	5.0	4.0	5.5	6.0	5.00	
Soil moisture %: (as of Sept. 11)											
Short	--	--	--	--	--	--	--	--	--	--	
Adequate	75	55	85	70	60	85	75	65	100	75	
Surplus	25	45	15	30	40	15	25	35	--	25	

Illinois Weather & Crops
September 14, 1981

ILLINOIS WEATHER

PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
August	7.43	6.64	3.46	7.36	6.52	4.54	7.26	2.74	2.62
Departure	+4.08	+3.60	+0.01	+4.21	+3.82	+1.25	+4.27	-0.91	-0.74

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	July	Aug.	Aug. 24-30	Aug. 31-Sept. 6	Sept. 7-13
Chicago	+1	0	+3	-1	+3
Moline	-2	-1	+3	-2	+2
Springfield	+1	0	+4	0	+2
So. Central	+1	-1	+2	-2	0

PRECIPITATION:
First figure--current week, Sept. 4-10
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

STATION	September 11			September 14		
	Maxi	Mini	Aver	Current	3-year	Totals
Dubuque, IA	--	--	--	125	2677	2913
Moline	88	49	66	132	2979	3088
Rockford	84	47	68	123	2732	2783
Chicago O'Hare	86	45	65	135	2802	2834
Quincy	85	52	66	136	3274	3489
Decatur	83	51	65	132	3119	3243
Peoria	86	51	67	149	3010	3133
Springfield	86	51	68	149	3219	3377
St. Louis	78	56	66	154	3625	3716
St. Louis	--	--	--	154	3547	3756

* Totals are accumulated from April 1.

