

# ILLINOIS WEATHER & CROPS



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RELEASED: JULY 30, 1984, 3 P.M., CDT

VOL.5, NO.20

CROPS & LIVESTOCK

WEATHER

The corn and soybean crops showed little change in overall condition as mid-week rains brought relief to many areas. Crops in some southern areas, however, are showing stress from lack of moisture. Conditions for corn pollination have been good over most of the State. This past week farmers continued to harvest oats, cut hay, and apply herbicides.

Eighty-four percent of the CORN acreage was silked (tasseled) on July 29, compared to 79% last year and the 5-year average (1979-1983) of 86%. Sixteen percent was in the dough stage, compared to 13% last year and the average of 27%. The condition on Friday, July 27, was 35% excellent, 7% good, 13% fair, and 3% poor.

SOYBEANS were 77% blooming on Sunday, July 29, compared to 75% last year and the average of 76%. Thirty-three percent of the crop was setting pods, compared to last year's 29% and the average of 35%. Condition as of Friday, July 27, was 15% excellent, 58% good, 25% fair, and 2% poor.

By Sunday, July 29, 93% of the OATS were ripe, compared to 91% last year and the average of 94%. Harvest was 60% complete, compared to 69% last year and the average of 65%.

The second crop of ALFALFA hay was 85% cut, compared to 89% last year and the average of 86%. The third crop was 10% cut, compared to 10% last year and the average of 8%. Alfalfa condition as of July 27 was 20% excellent, 62% good, 16% fair, and 2% poor.

PASTURE condition was 8% excellent, 47% good, 35% fair, and 10% poor as of July 27.

SOIL MOISTURE on July 27 was reported to be 52% adequate and 48% short.

There were 5.5 DAYS suitable for FIELDWORK for the week ending Friday, July 27.

The week of July 23 to 29 started out with above normal TEMPERATURES but cooled off by mid-week as a cool front moved across the State. Temperatures for the remainder of the week were quite mild for July with daily temperatures running 5 to 10 degrees below normal.

RAINFALL was quite variable across the State. An area bounded by Moline, Peoria and Quincy reported slightly over 1½ inches for the week while most of the remainder of the State received less than one-half inch.

The OUTLOOK for the week of July 30 to August 5 calls for warm days with highs in the 80's and lows in the upper 50's or lower 60's. There is a chance of thunderstorms on Wednesday.

The EXTENDED OUTLOOK from July 15 to August 15, 1984 is for temperatures to be below normal and precipitation to be above normal.

JUNE WEATHER SUMMARY

Average monthly TEMPERATURES ranged from 1 to 5 degrees above normal throughout the State. The West-Southwest District had the largest above normal variation (4.7 degrees above normal). Temperatures started below normal, but by the middle of the first week they went above normal until the 4th week. By the end of the month, readings once again fell below normal. Maximum temperatures climbed near the 100 degree mark in most sections during part of the month.

PRECIPITATION was below normal throughout the State, but near normal in the Northern and Western Districts. The largest below normal variation was in the East-Southeast District. There were a few areas, mainly in the East-Southeast and East, which recorded a total of less than one-half inch of rain. During the first week, the North received 1 to 3 inches of rain, while the South was dry. The second week was dry, but scattered showers in the third week brought 1 to 3 inches of rain to many areas. A dry period again developed by the end of the month.

*Southern District  
 drought - topped season  
 with April - late planting  
 and for 1984*

**ILLINOIS CROP REPORTING DISTRICT SUMMARY**

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of July 29											
Corn: % silked	90	85	90	93	90	80	65	80	60	84	86
Soybeans: % bloomed	87	85	70	93	80	75	70	70	55	77	76
Week ending July 27											
Days Suitable for fieldwork:	5.0	5.0	4.5	4.0	4.5	6.5	6.5	6.5	6.5	5.5	
Soil Moisture %											
Short	20	20	10	10	50	60	90	85	85	48	
Adequate	80	80	90	90	50	40	10	15	15	52	
Surplus	0	0	0	0	0	0	0	0	0	0	

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**PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES**

	NW	NE	W	C	E	WSW	ESE	SW	SE
Departure	4.12	3.41	4.45	2.07	1.77	1.80	1.18	3.02	1.86
	-0.25	-0.69	-0.44	-2.21	-2.37	-2.97	-3.36	-1.30	-2.38

Station	Week ending Monday, 6 A.M., July 30					
	Temperatures		Precipitation		: Accumulation since April 3	
	Maxi- : mum	Mini- : mum	Aver- : age	Current : week	Total	:Dept. from : normal
Rockford	91	48	69.4	0.34	13.79	-2.48
Chicago O'Hare	99	50	67.6	0.20	14.20	0.26
Moline	94	53	69.9	1.58	17.70	1.07
Quincy	91	57	73.0	1.63	19.47	3.53
Peoria	90	56	70.6	1.55	16.99	2.09
Watseka	91	50	69.1	1.24	17.77	0.79
Springfield	91	56	73.0	0.52	17.01	2.81
Decatur	92	53	70.9	0.39	11.15	-5.08
St. Louis	94	60	78.1	0.04	15.01	1.19
Brownstown	95	55	75.4	0	12.28	1/
Dixon Springs	92	57	75.6	0.08	17.36	1/

1/ Historical normal rainfall not available.

Station	Week ending Monday, 6 A.M., July 30	
	Average Daily Soil Temperature	
	4-inch Bare Soil	
	Maximum	Minimum
Elizabeth	83	70
Wood	82	69
Watska	79	70
Peru	72	67
Monmouth	85	71
Perry	85	71
Kilbourne	84	70
Urbana	81	71
Humboldt	90	72
Brownstown	85	76
Belleville	87	73
Dixon Springs	96	78
Olive Branch	89	74

**MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES**

	May	June	July 3- July 10- July 17- July 24			
			9	16	23	30
Chicago	-4	+2	-3	+4	+1	-4
Peoria	-3	+3	-2	+4	-1	-3
Springfield	-3	+2	-2	+3	-1	-2
St. Louis	-2	+5	-1	+4	0	0

**PRECIPITATION:**

First figure-Current week, July 24-30  
Parentheses--Previous week, July 17-23  
M--Missing. T--Trace

