

ILLINOIS WEATHER & CROPS



**ILLINOIS
COOPERATIVE CROP
REPORTING SERVICE**

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**ILLINOIS STATE
WATER SURVEY**



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CROPS

Good weather last week accelerated crop drying and maturation, allowing harvest to get underway throughout the State. Harvest was particularly active for corn silage and seed corn.

Eighty percent of the CORN acreage was mature on September 23, compared to 89% for last year and the 5-year average (1979-1983) of 84%. Seven percent of the crop has been harvested for grain, compared to last year's 11% and the average of 8%.

Eighty-five percent of the SOYBEAN acreage was turning yellow, compared to 88% for both last year and the average. Sixty-four percent of the crop was shedding leaves, compared to 74% for last year and 65% for the average. Ten percent of the soybeans have been harvested, compared to 14% for last year and the average of 12%.

Five percent of the WINTER WHEAT acreage has been seeded, compared to last year's 3% and the average of 6%.

Six percent of the SORGHUM acreage has been harvested for grain by Sunday, September 23. Last year, 8% had been harvested while the average is 6%.

PASTURE condition was 1% excellent, 42% good, 44% fair, and 13% poor as of September 21.

SOIL MOISTURE on September 21--before the weekend rains, was reported to be 50% adequate and 50% short.

There were 6.75 DAYS suitable for FIELDWORK for the week ending Friday, September 21.

WEATHER

TEMPERATURES during the week of September 17-23 averaged near normal to 6 degrees above normal across all of Illinois. Monday and Tuesday had maximums in the 60's and 70's, and minimums in the upper 30's and 40's. Warming and above normal temperatures set in on Wednesday with maximums in the 80's with a few 90's in the south, and minimums in the 50's and lower 60's.

There was little or no PRECIPITATION in the early part of the week. Some general rains occurred over most of Illinois beginning on Friday night. There were some locally heavy amounts from thunderstorms, with some stations receiving over an inch in 24 hours. However, rainfall for the week across the State was below normal.

The OUTLOOK for September 24-30 calls for scattered showers and thunderstorms early in the week with drier, cooler weather by the week's end.

The EXTENDED OUTLOOK from Sept. 15 to Oct. 15, 1984 is for temperatures to be below normal and precipitation to be near normal.

AUGUST WEATHER SUMMARY

Average monthly TEMPERATURES ranged from 1 to 4 degrees above normal throughout the State. The West-Southwest had the largest above normal variation (3.6 degrees above normal). Temperatures were above normal during the first three weeks with maximum readings climbing into the 90's. A near normal period then followed over much of the State, but by the end of the month temperatures were once again in the mid to upper 90's. A few maximum temperature records were set in a few locations.

PRECIPITATION was below normal in every district in the State. The Central District had the largest below normal variation. Again there were a few scattered areas which recorded a total of less than an inch of rain. The southern third of the State received the heaviest rain. During the first week, the State received no rainfall, but in the second week the northern half received moderate to light rain. Light to moderate rainfall amounts were recorded in many areas during the third and fourth week.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of September 23											
Soybeans: % t. yellow	95	90	78	92	92	84	80	82	76	85	88
Week ending September 21											
Days Suitable for Fieldwork:	7.0	6.5	7.0	6.5	7.0	6.0	6.5	7.0	7.0	6.75	
Moisture %											
Short	90	80	60	20	50	0	40	40	65	50	
Adequate:	10	20	40	80	50	100	60	60	35	50	
Surplus	0	0	0	0	0	0	0	0	0	0	

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serve. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

NEWSPAPER TIME VALUE

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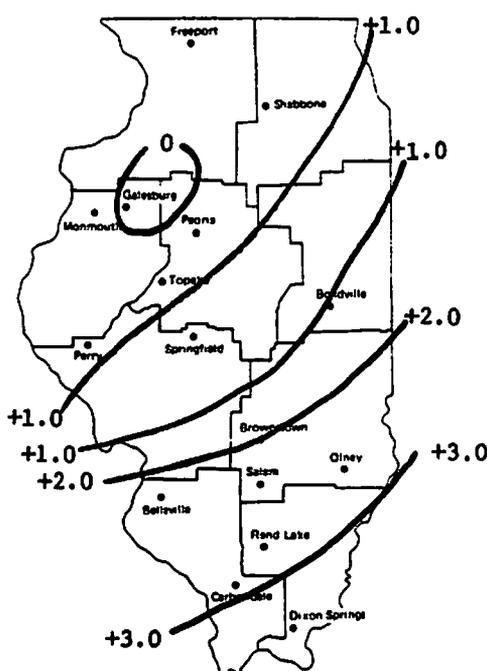
PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
Departure	1.85	1.77	1.65	1.00	1.82	1.71	2.44	2.53	2.24
Departure	-1.50	-1.27	-1.83	-2.15	-1.09	-1.48	-0.56	-1.12	-1.39

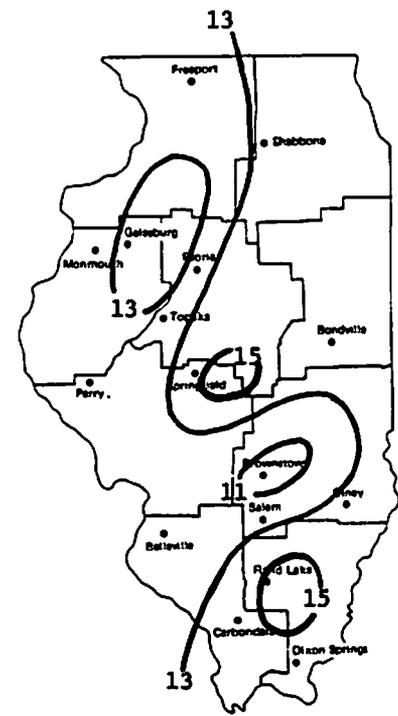
Week ending Sunday, September 23, 1984

Location	Temperatures			Precipitation			Total Soil Water 1/	
	Maxi- mum	Mini- mum	Depar- ture	Current week	Since May 1	Departure since May 1	Inches 0-40 in.	Change from prev. reading
Freeport	87	39	+1	2/	2/	2/	12.6	-0.6
Paw Paw	86	42	0	2/	2/	2/	13.5	+0.6
Antioch	88	47	+2	2/	2/	2/	13.5	+0.6
Galesburg	87	44	+1	2/	2/	2/	11.3	+0.1
Walnut	90	41	+1	2/	2/	2/	13.5	+0.6
Mason City	88	43	+1	2/	2/	2/	13.3	+0.5
Princeville	89	40	+2	1.13	15.28	-2.78	13.0	+1.5
Kankakee	89	41	+3	0.20	10.47	-8.13	13.0	+1.5
Jacksonville	86	43	0	2/	2/	2/	12.3	+1.0
Pana	2/	2/	2/	2/	2/	2/	15.5	+0.1
Urbana	89	43	+3	0.24	16.75	-1.23	13.2	+1.1
Carlinville	87	43	+1	2/	2/	2/	12.3	+1.0
Effingham	83	46	-2	2/	2/	2/	10.6	+1.2
Lawrenceville	2/	2/	2/	2/	2/	2/	10.6	+1.2
Belleville	85	43	-2	2/	2/	2/	12.0	+2.4
Carlyle	87	48	-3	2/	2/	2/	14.0	+2.6
McLeansboro	86	46	-2	1.92	12.5	-5.51	13.1	+3.0
Kaskaskia	91	43	-1	2/	2/	2/	13.5	+3.8
Dixon Springs	88	47	0	1.58	18.13	+0.12	2/	2/

1/ Soil water is based on reading from closest soil moisture observation. Readings taken approximately September 15. 2/ Missing data.



Change in total soil water-surface to 40" August 31-September 15



Total inches of soil water from surface to 40" depth, as of about September 15