

ILLINOIS WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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CROP HI-LITES

Corn - 99% harvested
Wheat - 98% seeded, 92% emerged
Soil Moisture - 19% short, 69% adequate, 12% surplus

There were 3.75 DAYS SUITABLE FOR FIELDWORK for the week ending Friday, November 11. Conditions at the first of the week were favorable for fieldwork. However, by midweek cooler and wet weather returned slowing field activities. Soybean harvest was virtually complete across the State with only a few fields in the Southwest and Southeast Districts still to be harvested.

Ninety-nine percent of the CORN crop for grain had been harvested as of Sunday, November 13, compared to 94% last year and 93% for the 5-year average (1978-82). Harvest is virtually complete in all areas except the Northeast.

Seeding of the 1984 WINTER WHEAT crop was 98% complete by Sunday, November 13, compared to 99% for last year and 98% for the average. Ninety-two percent of the acreage had emerged. Last year, 90% had emerged while the average is also 90%. Condition of the crop on November 11 was 15% excellent, 71% good, 13% fair, and 1% poor.

Ninety-seven percent of the SORGHUM acreage for grain had been harvested on Sunday, November 13. Last year, 94% had been harvested while the average is 92%.

As of Sunday, November 13, 58% of the 1984 Corn and Soybean intended acreage had been tilled (plowed or chiseled), compared to 52% for last fall and 55% for the average.

PASTURE condition on Friday, November 11, was 5% excellent, 46% good, 44% fair, and 5% poor. Pastures were supplying 36% of the total livestock roughage requirements, compared to 46% last year and the average of 39%.

SOIL MOISTURE was reported to be 19% short, 69% adequate, and 12% surplus on Friday, November 11. Reporters indicate that while topsoil moisture improved, subsoil moisture in many areas is still short.

WEATHER

The week of November 7 to November 13 started out warm and dry across Illinois. By midweek TEMPERATURES continued to warm to around 15 degrees above normal and RAIN was widespread across the State. Most areas received in excess of .50 inches with some areas reporting rainfall totals over 1.0 inch. Quincy and Moline both reported rainfall amounts over 1.0 inch.

By the weekend temperatures dropped to 10 to 15 degrees below normal as a cold front pushed across Illinois. On Saturday there was again some light rain but amounts were less than .10 inch.

The OUTLOOK for the week of November 14 to 20 calls for a chance of rain in Southern and Central Illinois on Monday night with rain likely in the North. By Tuesday the rain will be ending. The remainder of the week will be partly cloudy and cold. High temperatures will be in the upper 30's and lower 40's in Northern Illinois, while in Southern Illinois, temperatures will be in the mid-50's. Low temperatures will range from the upper 20's in the North to the upper 30's in the South.

STATE WATER SURVEY DIVISION

The State Water Survey Division reports that Potential Plant Available Moisture (PPAM) increased in the moderately well-drained Flanagan soil four miles south of Bondville in Champaign County during the week ending November 11. Precipitation totaled 0.63 inches last week. In the soil layer from the surface to 4 inches the PPAM decreased from 89% to 87%; at the 4 to 12-inch depth, the PPAM increased from 66% to 67%; and at the 12 to 20-inch depth, the PPAM increased from 58% to 62%. Over the total soil column from the surface to nearly 7 feet, the PPAM increased from 69% to 70%.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of November 13											
Corn: % harvested	100	95	100	100	100	100	97	97	99	99	93
Week ending November 11											
Days suitable for fieldwork:	3.5	5.0	3.0	4.0	4.5	3.5	4.0	3.5	5.0	3.75	
Soil moisture %											
Short	0	0	35	45	10	40	0	0	0	19	
Adequate	65	100	65	50	90	60	90	45	65	69	
Surplus	35	0	0	5	0	0	10	55	35	12	

This is the last weekly Weather & Crop bulletin for the 1983 season. The next regularly scheduled bulletin will be published about mid-December and monthly thereafter until the beginning of April 1984. The continued cooperation of our weekly crop reporters and weather reporters has made this service available to Illinois agriculture. The Illinois Cooperative Crop Reporting Service and the Weather Service contributors join in expressing our thanks for their faithful help.

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Illinois Weather & Crops
November 14, 1983

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	August	September	Sept. 27- Oct. 3	Oct. 4- 10	Oct. 11- 17	Oct. 18- 24	Oct. 25- 31	Nov. 1- 7	Nov. 8- 14
Chicago	+5	0	+7	+2	0	0	0	+3	+2
Peoria	+8	+2	+10	+3	+1	+1	+3	+6	+3
Springfield	+6	+2	+8	+4	+1	-1	+1	+5	+2
St. Louis	+7	+2	+8	+4	-1	-1	-2	+5	-2

Station	Week ending Monday, 6 A.M., November 14		
	Temperatures		
	Maximum	Minimum	Average
Moline	66	27	44.5
Rockford	61	20	40.6
Chicago O'Hare	64	19	42.6
Quincy	64	31	44.9
Decatur	67	26	44.7
Peoria	65	25	45.1
Watseka 1/	65	24	43.4
Springfield	67	27	45.7
Brownstown 1/	68	27	44.4
St. Louis	72	29	46.4
Dixon Springs 1/	70	29	47.6

Station	Precipitation: Week ending November 14					
	Current week	Normal 1/	Accumulations in 1983 since		Departures from normal	
			Apr. 1	May 31	Apr. 1	May 31
Rockford	0.30	0.56	23.96	15.08	- 4.43	- 5.42
Chicago O'Hare	0.19	0.49	35.12	21.07	+10.64	+ 3.19
Watseka	1.47	0.63	28.33	18.21	- 0.30	- 1.42
Peru	0.25	0.42	26.28	15.15	+ 0.08	- 3.25
Moline	1.22	0.49	27.34	20.54	- 1.15	+ 0.15
Peoria	0.54	0.49	29.43	15.87	+ 3.41	- 2.65
Monmouth	1.35	0.42	23.72	15.42	- 3.40	- 4.50
Quincy	1.43	0.42	24.34	13.73	- 1.86	- 4.97
Springfield	0.92	0.42	19.87	11.78	- 3.82	- 4.71
Decatur	0.43	0.63	30.61	15.83	+ 3.19	- 3.49
Urbana	0.92	0.56	35.76	24.68	+ 9.63	+ 6.05
Belleville	1.00	0.70	24.32	13.99	- 0.90	- 4.03
Evansville, IN	0.57	0.77	33.86	14.70	+ 7.87	- 2.89
1/ 30-year average (1951-80).						

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PRECIPITATION:
First figure-Current week, Nov. 8-14
Parentheses--Previous week
M--Missing. T--Trace

