

ILLINOIS WEATHER & CROPS



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CROPS & LIVESTOCK

Rainfall early in the week and again by the weekend interrupted fieldwork across Illinois, but farmers were able to make mid-week progress on seedbed preparation, corn and soybean planting, pesticide and fertilizer application, and hay cutting. Two and three-quarter days were rated suitable for fieldwork across the State, with the Southeast Crop Reporting District having as much as five and a half days suitable, and the central districts having as little as a day.

CORN planting was 85% complete as of Sunday, May 27, compared to 81% last year and the 5-year average (1979-1983) of 90%.

BEAN planting was 40% complete on May 27, compared to 37% last year and the average of 56%.

SORGHUM planting was 10% complete compared to 8% last year and the average of 27%.

WINTER WHEAT condition as of Friday, May 25, was 8% excellent, 52% good, 29% fair and 11% poor. Forty-four percent of the winter wheat acreage has headed, compared to 68% last year and the average of 77%. Five percent of the winter wheat acreage has filled, compared to 12% last year and the average of 27%.

The OATS crop on May 25 was 12% excellent, 57% good, 26% fair, and 5% poor.

ALFALFA condition as of May 25 was 24% excellent, 68% good, and 8% fair. Thirteen percent of the first crop was cut by May 27, compared to 10% last year and the average of 21%.

CLOVER HAY condition was 11% excellent, 78% good, and 11% fair. Six percent of the crop has been cut, compared to 3% last year and the average of 13%.

PASTURE condition was 29% excellent, 67% good, and 4% fair.

MOISTURE on May 25 was reported to be 58% surplus, 42% adequate.

WEATHER

The week of May 21 to 27 saw TEMPERATURES slightly below normal--1 to 2 degrees--in the northern two-thirds of Illinois and about 1 to 2 degrees above normal in the southern third of the State. Daily average temperatures fell during the week, dropping to as much as 6 to 8 degrees below normal on the 27th.

PRECIPITATION was heavy. Weekly rainfall totals were generally in the 1 1/2 to 3-inch range. The largest totals were observed in the northern half of the State.

The OUTLOOK for the week, May 29-June 3, is for below normal temperatures, gradually warming to slightly above normal by the end of the period. Precipitation is expected to be below median values.

APRIL WEATHER SUMMARY

Average monthly temperatures ranged from 1 to 3 degrees below normal throughout the State. The Northeast and the West-Southwest districts had the largest below normal variation (3.0 degrees below normal). The first week of the month was below normal, but by the second week the temperatures climbed above normal in the North. Readings fell below normal throughout the State during the third week, with some stations recording temperature averages of as much as 15 degrees below normal. Temperatures climbed to 3 degrees above normal in the fourth week.

Precipitation was below normal in the North and Eastern part of the State and above normal in the remaining districts. The largest below normal variation was in the East district, while the largest above normal variation was in the East-Southeast district. Most of the precipitation fell during the last half of the month with as much as 2.60 inches falling in the Southern portions during each week.

The extended outlook for May 15 thru June 15 is for temperatures to be below normal and precipitation to be above normal.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of May 27											
Corn: % planted	98	97	74	94	96	83	58	79	42	85	90
Soybeans: % planted	63	57	27	60	61	30	21	26	16	40	56
Week ending May 25											
Days Suitable for fieldwork:	3.0	3.0	1.0	1.0	1.0	2.5	3.0	5.0	5.5	2.75	
Soil Moisture %											
Short	0	0	0	0	0	0	0	0	0	0	
Adequate:	70	55	30	15	10	40	40	85	45	42	
Surplus :	30	45	70	85	90	60	60	15	55	58	

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PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
April	4.13	3.93	5.04	4.67	3.41	6.15	6.50	4.68	5.44
Departure	-0.24	-0.17	+0.15	+0.39	-0.73	+1.38	+1.96	+0.36	+1.20

Station	Week ending Monday, 6 A.M., May 28					
	Precipitation					:Dept. from normal
	Temperatures		: Accumulation since April 3		Total	
	:Maxi- :mum	:Mini- :mum	:Aver- :age	:Current :week		
Rockford	: 78	: 44	: 58.9	: 2.71	: 6.37	: -0.82
Chicago O'Hare	: 78	: 44	: 60.2	: 3.52	: 8.50	: 2.31
Moline	: 81	: 47	: 61.4	: 2.85	: 9.01	: 1.62
Quincy	: 82	: 52	: 65.7	: 2.10	: 10.68	: 3.27
Peoria	: 79	: 50	: 62.8	: 1.88	: 9.89	: 2.96
Watseka	: 78	: 47	: 63.6	: 2.95	: 11.02	: 3.20
Springfield	: 80	: 52	: 65.6	: 2.05	: 11.28	: 3.81
Decatur	: 78	: 51	: 64.2	: 3.28	: 8.84	: 1.36
St. Louis	: 84	: 52	: 68.4	: 2.70	: 11.50	: 5.05
Brownstown	: 85	: 48	: 66.9	: 1.22	: 10.73	: 1.22
Dixon Springs	: 86	: 46	: 69.9	: 0.89	: 9.53	: 1.22

1/ Historical normal rainfall not available

Station	Week ending Monday, 6 A.M., May 28	
	Average Daily Soil Temperature	
	4-inch Bare Soil	
	Maximum	Minimum
Elizabeth	: 68	: 55
Elwood	: 68	: 60
Watsseka	: 68	: 59
Peru	: 67	: 59
Monmouth	: 69	: 59
Perry	: 69	: 57
Kilbourne	: 74	: 61
Urbana	: 66	: 60
Humboldt	: 71	: 60
Brownstown	: 73	: 61
Belleville	: 72	: 62
Dixon Springs	: 81	: 67
Olive Branch	: 76	: 64

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	April	May 1-7	May 8-14	May 15-21	May 22-28
Chicago	-3	-4	-3	+1	-1
Peoria	-2	-2	-2	+2	-1
Springfield	-3	-3	-1	0	0
St. Louis	-2	-2	0	0	0

PRECIPITATION:
First figure-Current week, May 22-28
Parentheses--Previous week, May 15-21
M--Missing. T--Trace

