

# ILLINOIS WEATHER & CROPS



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**RELEASED: MAY 2, 1988, 3 P.M., CDT**  
**VOL. 9, NO. 07**

## CROPS

Planting of corn continued at a record pace this past week aided by favorable weather and field conditions. Soybean planting has been limited due to cool soil temperatures and dry soil conditions but is still slightly ahead of average. The northern third of the State is trailing the rest of the State because they received some rainfall the past week while the rest of the State stayed relatively dry. Last week farmers were applying chemicals and fertilizer, seeding oats and set-aside acreage that remains, discing, field cultivating, hoeing a sparse amount of corn acreage that has emerged, and tending to livestock. For the week of April 23-29, there was an average of five and three-quarters days suitable for fieldwork. Only the Northeast and Northwest Districts reported less than five and one-half days, with three and one-half and four and one-half days suitable, respectively. No districts reported any surplus soil moisture, but all districts except the Northeast and East Districts reported shortages.

**CORN** planting, as of May 1, was 60% complete, compared to 53% last year, 55% in 1986, and the 5-year average (1983-87) of 34%. The central area of the State had the most planted with the Central and West-Southwest Districts 85% complete.

**SOYBEAN** planting, as of May 1, was about 4% complete, compared to 5% last year and the average of 2%. Most of the soybean acreage that has been planted, is in the southern half of the State. Planting is limited due to dryness and cool soil temperatures.

Condition of **WINTER WHEAT** on April 29 was reported as 10% excellent, 80% good, and 10% fair. By May 1, 3% of the acreage was heading, compared to 4% last year and the average of 4%.

**OAT** seeding, as of May 1, was 95% complete, compared to 100% last year and the 5-year average of 85%.

**SORGHUM** planting on May 1 was 9% complete, well ahead of both last year and the average.

**ALFALFA HAY** condition on April 29 was reported as 10% excellent, 73% good, and 17% fair.

**PASTURE** condition, as of April 29, was rated as 3% excellent, 72% good, and 22% fair. Pastures were supplying about 61% of livestock roughage requirements, compared to 73% last year and the 5-year average of 65%.

**SOIL MOISTURE** on April 29 was reported as 54% short and 46% adequate.

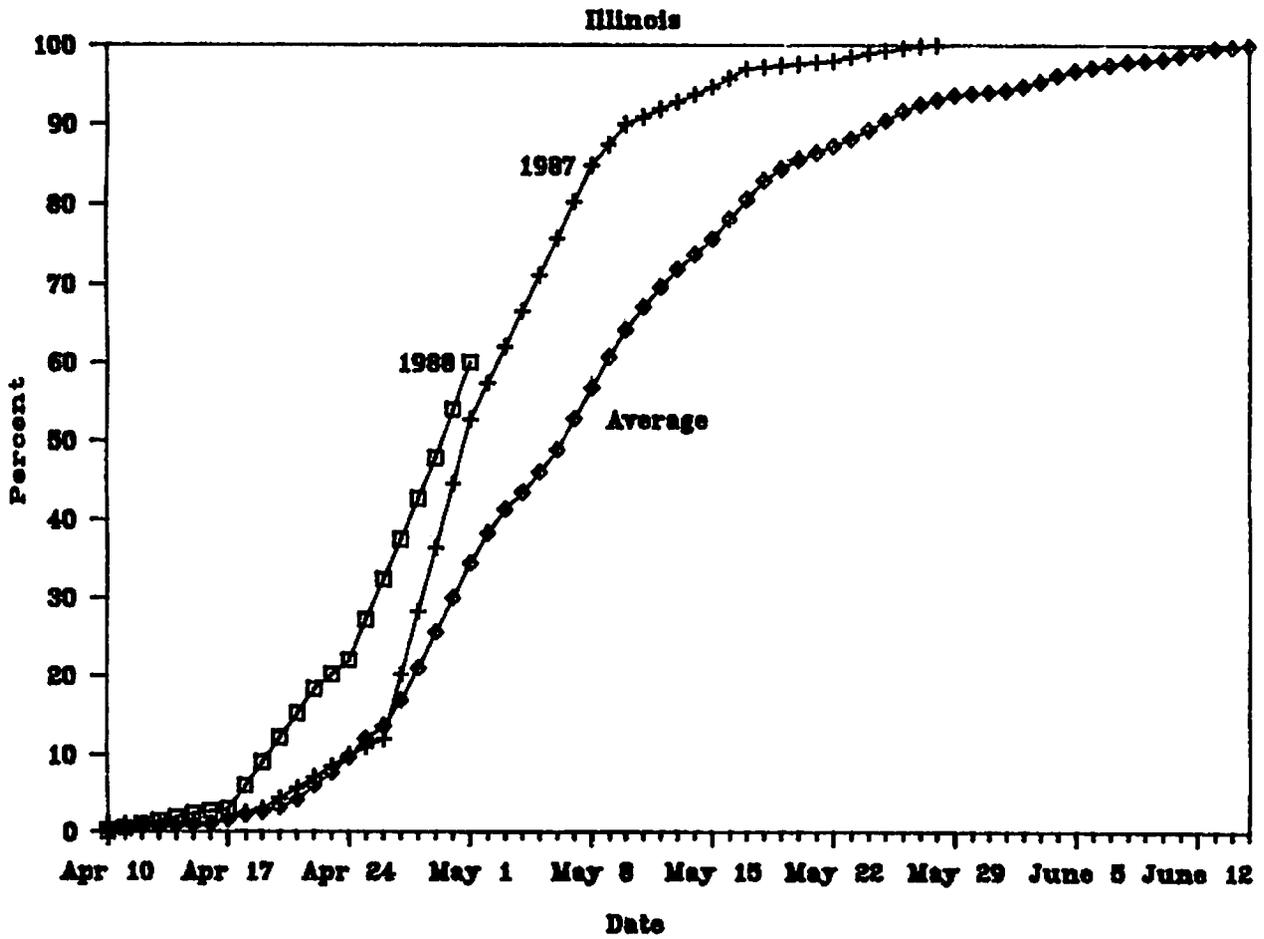
**ILLINOIS DISTRICT SUMMARY**

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: Corn : Days : Soil  
District: acreage : suitable for: moisture percent  
: % planted: fieldwork : Short: Adequate: Surplus  
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	As of May 1	As of April 29			
NW	: 30	4.5	15	85	0
NE	: 25	3.5	0	100	0
W	: 60	6.5	100	0	0
C	: 85	5.5	85	15	0
E	: 65	5.5	0	100	0
WSW	: 85	7.0	95	5	0
ESE	: 75	7.0	65	35	0
SW	: 55	7.0	80	20	0
SE	: 50	7.0	50	50	0
State	: 60	5.75	54	46	0
5-Yr. Avg:	34				

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**Corn - Percent Acreage Planted**



## WEATHER

FOR THE WEEK ENDING MAY 2, ILLINOIS TEMPERATURES AVERAGED 1 TO 3 DEGREES BELOW NORMAL AT MANY WEST-CENTRAL LOCATIONS BUT FROM 4 TO 8 DEGREES BELOW NORMAL ELSEWHERE. AN OUTBREAK OF COLD AIR EARLY IN THE PERIOD BROUGHT MINIMUM TEMPERATURES TO THE UPPER 20'S AT A FEW NORTHWEST LOCATIONS AND TO THE LOW AND MID-30'S ELSEWHERE AROUND THE STATE. THAT AIR HAS ALSO BEEN QUITE DRY, AND THE COOL NIGHTS HAVE PERSISTED EVEN AS DAYTIME READINGS HAVE RECOVERED TO THE 60'S AND 70'S DURING THE LATTER HALF OF THE WEEK.

NORTHERNMOST SECTIONS OF THE STATE RECEIVED AS MUCH AS THREE OR FOUR TENTHS OF AN INCH OF RAIN WHEN THE COLD FRONT ARRIVED, BUT RAINFALL HAS BEEN NEGLIGIBLE ELSEWHERE AROUND THE STATE. MEANWHILE, EVAPORATION TOTALS FOR THE WEEK WERE BETWEEN 1.2 AND 1.5 INCHES.

DRYING SOILS REFLECTED A WIDE RANGE IN TEMPERATURES FROM LOWS IN THE UPPER 30'S AND LOW 40'S AT THE FOUR-INCH DEPTH TO HIGHS IN THE UPPER 60'S AND LOWER 70'S. WEEKLY AVERAGES REMAINED ABOVE THE 50-DEGREE MARK IN ALL AREAS BUT ABOVE 60 DEGREES ONLY IN THE EXTREME SOUTH.

WARMER WEATHER LIES AHEAD THIS WEEK, BUT PRECIPITATION PROSPECTS ARE VIRTUALLY NIL SO FIELD DRYING WILL ACCELERATE. DAILY HIGHS WILL BE MOVING INTO THE UPPER 70'S AND 80'S BY THE END OF THE WEEK, AND NIGHTTIME LOWS WILL BE LEVELING OFF IN THE 50'S TO NEAR 60. MOSTLY SUNNY DAYS WITH INCREASING SOUTHERLY WINDS COULD CREATE SOME DUSTY FIELD CONDITIONS.

Week ending 8 A.M. Monday, May 2, 1988

Location	Temperatures			Precipitation		Growing Degree Days(50)		
	Maxi- mum	Mini- mum	Deapar- ture	Curr.: week	Since: May 1:	Departure Curr.:	Since May 1:	Departure week
ELIZABETH	62	33	-6	0.47	0.00	51	24	6
ROCKFORD	62	35	-4	0.28	0.00	52	25	9
CHICAGO	61	38	-3	0.24	0.00	47	19	3
CHI BOTANICAL	57	35	-8	0.35	0.00	32	12	-4
ELWOOD	63	35	-4	0.28	0.00	54	24	8
WATSEKA	64	36	-5	0.32	0.00	56	23	5
PERU	66	36	-4	0.29	0.00	62	26	6
MOLINE	67	37	-3	0.16	0.00	64	28	10
PEORIA	67	41	-1	0.09	0.00	64	26	8
KILBOURNE	71	35	-4	0.03	0.00	78	28	6
MONMOUTH	68	40	-2	0.17	0.00	68	28	8
QUINCY	68	40	-3	0.00	0.00	68	25	6
PERRY	69	37	-5	0.00	0.00	70	26	4
SPRINGFIELD	68	39	-4	0.00	0.00	68	27	7
DECATUR	67	39	-5	0.00	0.00	64	25	3
URBANA	66	39	-4	0.07	0.00	62	25	6
WINDSOR	70	40	-3	0.03	0.00	73	28	8
TERRE HAUTE	67	36	-5	0.00	0.00	65	27	7
ST LOUIS	70	44	NA	0.00	0.00	78	30	NA
BELLEVILLE	69	37	-7	0.00	0.00	70	26	4
BROWNSTOWN	69	34	-7	0.03	0.00	72	28	6
IUKA	68	37	-7	0.00	0.00	68	27	5
LAWRENCEVILLE	71	37	NA	0.00	0.00	67	28	NA
VINCENNES	67	38	-6	0.00	0.00	64	26	4
DIXON SPRINGS	70	38	-8	0.00	0.00	76	26	-1
PADUCAH	71	39	-8	0.00	0.00	77	27	0
OLIVE BRANCH	71	38	-7	0.00	0.00	77	26	1
CARBONDALE	70	37	-7	0.00	0.00	76	26	2
C GIRARDEAU	70	39	NA	0.00	0.00	75	27	NA

