

# ILLINOIS WEATHER & CROPS



ILLINOIS  
AGRICULTURAL  
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U. S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE



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## CROPS

This past week, corn and soybean planting continued but at a slower than normal pace. Below normal temperatures, rain, and wet field conditions were some reasons for the slow down. Frost was also reported in some parts of the State this past week. The small amount of corn that has emerged in most areas of the State is reported to be yellowish in color due to the cooler temperatures. Last week farmers were applying chemicals, preparing seedbeds, seeding the remaining oats and set-aside acres, mowing, baling hay, caring for livestock and spraying some wheat acres. Spraying for alfalfa weevil continues in the Southern two-thirds of the State. Some severe damage by alfalfa weevil was reported in the East-Southeast and Southwest Districts. Some farmers in the Southeast are baling alfalfa early before the weevils destroy it completely. For the week of April 29 - May 5, there was an average of four and one-half days suitable for fieldwork. The canola crop is reported in good condition and in full bloom. Fruit trees are also blossoming and were reported to have received only minimal damage from below normal temperatures.

CORN planting, as of May 7, was 61% complete, compared to 90% last year and the 5-year average (1984-88) of 67%.

SOYBEAN planting, as of May 7, was 9% complete, compared to 22% last year and the average of 17%. Most of the soybean acreage that has been planted is in the West, West-Southwest and Southwest Districts.

Condition of WINTER WHEAT on May 5 was reported as 14% excellent, 77% good, and 9% fair. By May 7, 8% of the acreage was heading, compared to 11% last year and the average of 18%.

OAT condition on May 5 was reported as 5% excellent, 80% good and 15% fair.

SORGHUM planting on May 7 was 6% complete, compared to 9% last year and the average of 7%.

Cutting of the first crop of ALFALFA HAY was 5% complete by May 7, compared to 5% last year and the average of 4%. Condition of the crop on May 5 was reported as 10% excellent, 70% good, 17% fair and 3% poor. Most of the alfalfa acreage cut is in the Northeast and Southwest Districts.

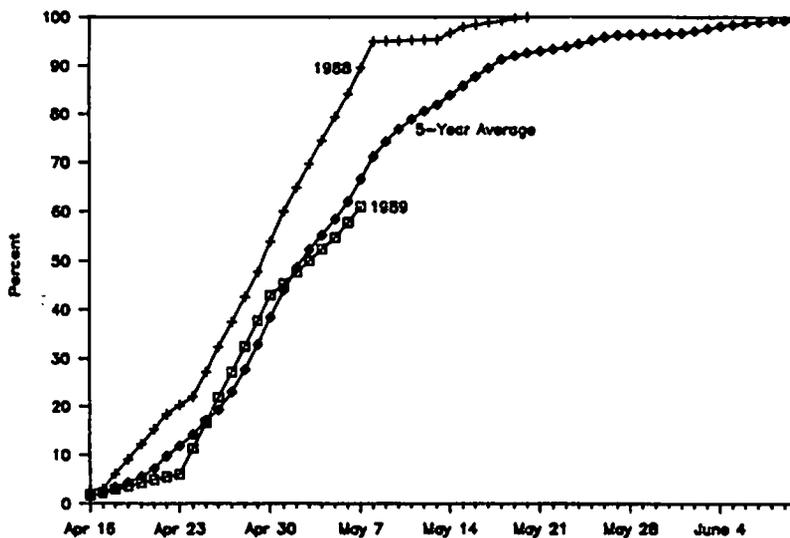
PASTURE condition, as of May 5, was rated 6% excellent, 72% good and 22% fair. On May 7, pastures were supplying about 75% of the livestock roughage requirements, compared to 71% last year and the average of 73%.

SOIL MOISTURE on May 5 was reported as 49% short, 45% adequate, and 6% surplus.

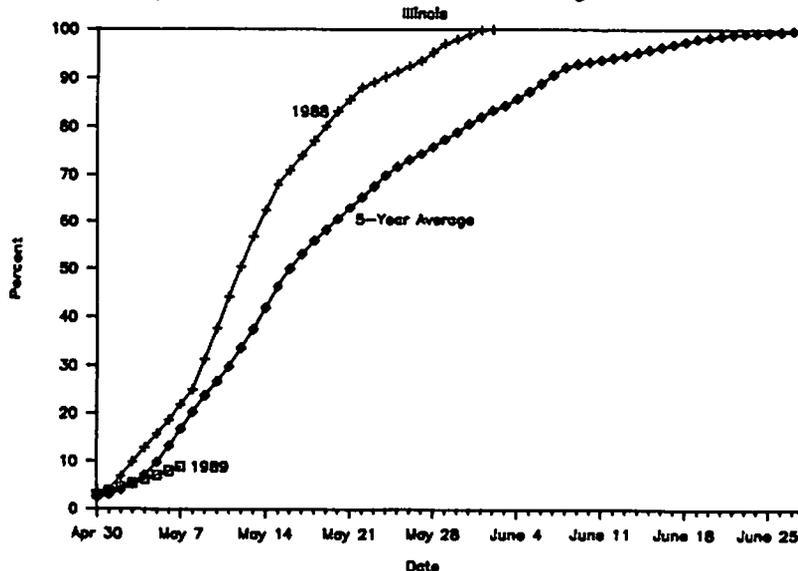
**ILLINOIS DISTRICT SUMMARY**

District	: Corn Acreage : : % Planted :	: Days Suitable : : For Fieldwork :	Soil		
			Moisture Percent		
			Short	Adequate	Surplus
	: As of May 7		As of May 5		
Northwest	: 55	3.5	95	5	0
Northeast	: 55	5.0	65	35	0
West	: 80	4.5	80	20	0
Central	: 65	4.0	45	50	5
East	: 60	2.0	35	50	15
W Southwest	: 85	5.5	50	50	0
E Southeast	: 30	4.0	0	65	35
Southwest	: 75	6.0	40	60	0
Southeast	: 60	5.5	30	70	0
State	: 61	4.5	49	45	6
5-Year Avg.	: 67				

**Corn – Percent Acreage Planted**



**Soybeans – Percent of Acreage Planted**



WEATHER

ILLINOIS TEMPERATURES WERE SEVEN TO FOURTEEN DEGREES BELOW NORMAL FOR THE WEEK ENDING MAY 8. AN UNUSUAL COLD SNAP LATE IN THE WEEK EVEN BROUGHT SOME RECORD BREAKING LOW TEMPERATURES WITH MINIMUMS FALLING TO THE LOW 20'S IN THE NORTHWEST CORNER OF THE STATE AND TO THE RANGE OF MID 20'S TO MID 30'S ELSEWHERE OVER THE LENGTH OF ILLINOIS ON THE WEEKEND. HIGHEST TEMPERATURES FOR THE PRECEDING WEEK WERE BARELY AT NORMAL LEVELS IN THE RANGE OF MID 60'S TO LOW 70'S.

PRECIPITATION WAS MOSTLY LIGHT, BUT DRYING RATES WERE LOW. THERE WAS EVEN SOME SNOW THAT ACCOMPANIED THE INFLUX OF COLD AIR EARLY IN THE WEEKEND, BUT RAIN ACCOUNTED FOR MOST OF THE WEEKLY PRECIPITATION. THE WATER TOTALS WERE GENERALLY LESS THAN A HALF INCH WITH A FEW EXCEPTIONS. SOIL TEMPERATURES FELL BACK TO MINIMUMS IN THE UPPER 30'S NORTH AND 40'S TO NEAR 50 ELSEWHERE OVER THE WEEKEND GIVING AVERAGES FOR THE ENTIRE WEEK OF ONLY THE UPPER 40'S TO MID 50'S.

THE WEEK AHEAD PROMISES COOL AND DRY WEATHER. TEMPERATURES WILL BE CLOSER TO NORMAL WITH HIGHS IN THE 60'S NORTH AND 70'S SOUTH WEDNESDAY THROUGH FRIDAY. MINIMUMS SHOULD BE MOSTLY IN THE 40'S TO LOWER 50'S. NO ADDITIONAL PRECIPITATION IS EXPECTED AFTER TUESDAY.

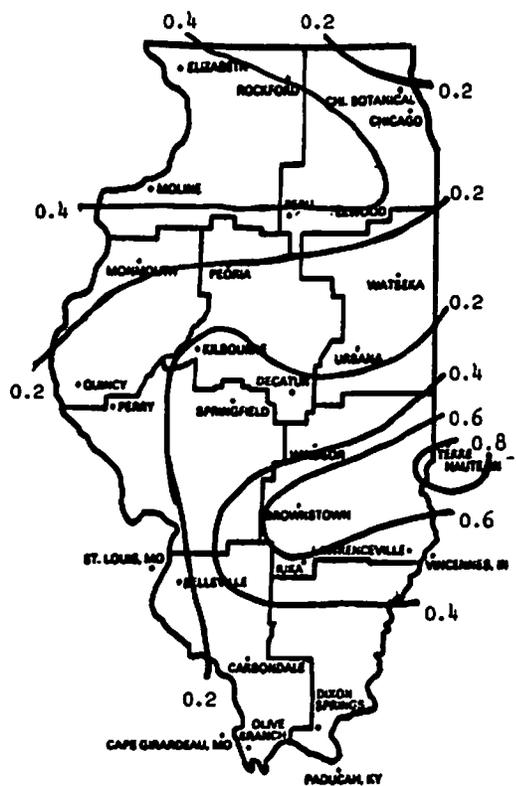
Week ending 8 A.M. Monday, May 8, 1989

Location	Temperatures			Precipitation		Growing Degree Days(50F)			
	Maxi- mum	Mini- mum	Depar- ture	Curr.: week	Since May 1:	Departure :since May 1:	Curr.: week	Since May 1:	Departure :since May 1
ELIZABETH	54	30	-14	0.43	0.43	-0.63	26	31	-44
ROCKFORD	55	36	-9	0.36	0.36	-0.67	28	37	-30
CHICAGO	56	38	-7	0.34	0.34	-0.52	31	37	-29
CHI BOTANICAL	55	38	-9	0.18	0.18	-0.74	26	31	-36
ELWOOD	57	37	-8	0.53	0.53	-0.47	34	44	-22
WATSEKA	58	38	-9	0.13	0.13	-0.98	36	43	-34
PERU	57	37	-10	0.20	0.20	-0.84	35	42	-40
MOLINE	55	37	-10	0.58	0.58	-0.52	27	33	-42
PEORIA	56	38	-10	0.19	0.19	-0.82	32	39	-36
KILBOURNE	57	39	-11	0.24	0.24	-0.87	36	43	-46
MONMOUTH	55	37	-12	0.42	0.42	-0.57	27	33	-51
QUINCY	59	41	-9	0.13	0.13	-0.98	38	47	-33
PERRY	59	37	-12	0.11	0.11	-0.96	40	49	-41
SPRINGFIELD	58	41	-10	0.28	0.28	-0.65	37	45	-39
URBANA	59	40	-9	0.17	0.17	-0.79	39	46	-33
WINDSOR	59	37	-11	0.30	0.30	-0.72	39	44	-43
TERRE HAUTE	59	39	-10	0.80	0.85	-0.05	33	40	-32
ST LOUIS	64	44	NA	0.05	0.06	NA	47	54	NA
BELLEVILLE	63	41	-10	0.40	0.40	-0.59	49	60	-35
BROWNSTOWN	59	38	-12	0.70	0.70	-0.41	40	47	-44
IUKA	62	37	-11	0.27	0.28	-0.71	48	53	-40
LAWRENCEVILLE	62	38	NA	0.51	0.57	NA	46	53	NA
VINCENNES	61	40	-10	0.50	0.50	-0.58	44	52	-39
DIXON SPRINGS	68	43	-8	0.32	0.32	-0.86	72	86	-28
PADUCAH	67	44	-8	0.14	0.14	-1.02	68	78	-36
OLIVE BRANCH	67	43	-7	0.38	0.39	-0.84	70	83	-22
CARBONDALE	66	41	-9	0.25	0.25	-0.85	64	70	-33
C GIRARDEAU	67	45	NA	0.23	0.23	NA	58	67	NA

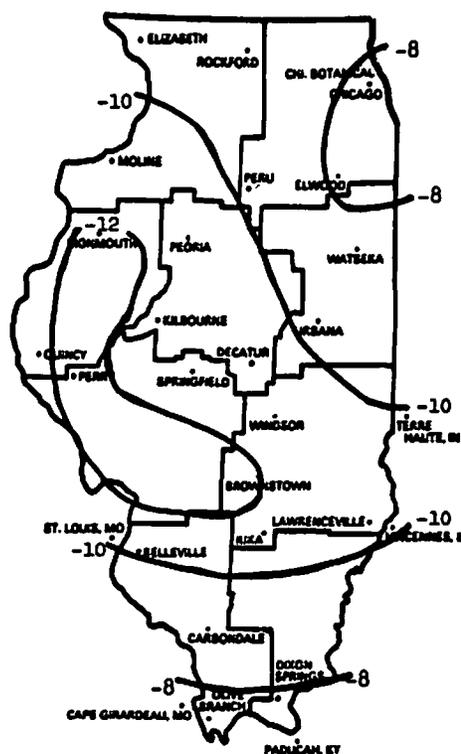
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)  
MAY 2-8, 1989



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) MAY 2-8, 1989

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 the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.