

# ILLINOIS WEATHER & CROPS



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



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ATMOSPHERIC ADMINISTRATION**

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## CROPS

Corn planting is in the finishing stages while soybean planting is rapidly progressing helped by some rainfall received the past week. Dry field conditions have aided the record planting pace of corn, soybeans, and sorghum, but the dry conditions have also affected plant emergence in some areas of the State. Reports of spotty and low population corn stands, short alfalfa plants, and herbicide failure were received from a few areas in the southern half of the State. Besides planting, farmers last week were also preparing seedbeds, spraying chemicals and fertilizer, hoeing and spraying corn, seeding some remaining set-aside acreage, harvesting hay, mowing, chopping wheat, and tending to livestock. Isolated areas were damaged by hail in the May 8 storm. Alfalfa weevil infestation was reported to be a problem in the southern half of the State. For the week of May 7-13, there was an average of five and one-half days suitable for fieldwork. All districts reported shortages of moisture and none of them reported any surplus.

**CORN** planting, as of May 15, was 98% complete, compared to 95% last year, 94% in 1986, and the 5-year average (1983-87) of 76%. Condition of the corn crop on May 13 was reported as 8% excellent, 68% good, and 24% fair.

**SOYBEAN** planting, as of May 15, was about 68% complete, compared to 62% last year, 48% in 1986, and the average of 34%.

Condition of **WINTER WHEAT** on May 13 was reported as 13% excellent, 65% good, and 22% fair. By May 15, 60% of the acreage was heading, compared to 77% last year and the average of 44%. Seven percent of the acreage was filling, compared to 8% for both last year and the average.

**OAT** condition on May 13 was reported as 5% excellent, 66% good, and 29% fair.

**SORGHUM** planting on May 15 was 50% complete, compared to 43% last year, and the average of 17%.

Cutting of the first crop of **ALFALFA HAY** was 16% complete, compared to 21% last year and the average of 9%. Condition of the crop on May 13 was reported as 11% excellent, 64% good, 22% fair, and 3% poor.

Cutting of **CLOVER HAY** on May 15 was 10% complete compared to 8% last year and the average of 4%. Condition of the crop on May 13 was reported to be 11% excellent, 64% good, 24% fair and 1% poor.

**PASTURE** condition, as of May 13, was rated as 2% excellent, 49% good, 43% fair and 6% poor.

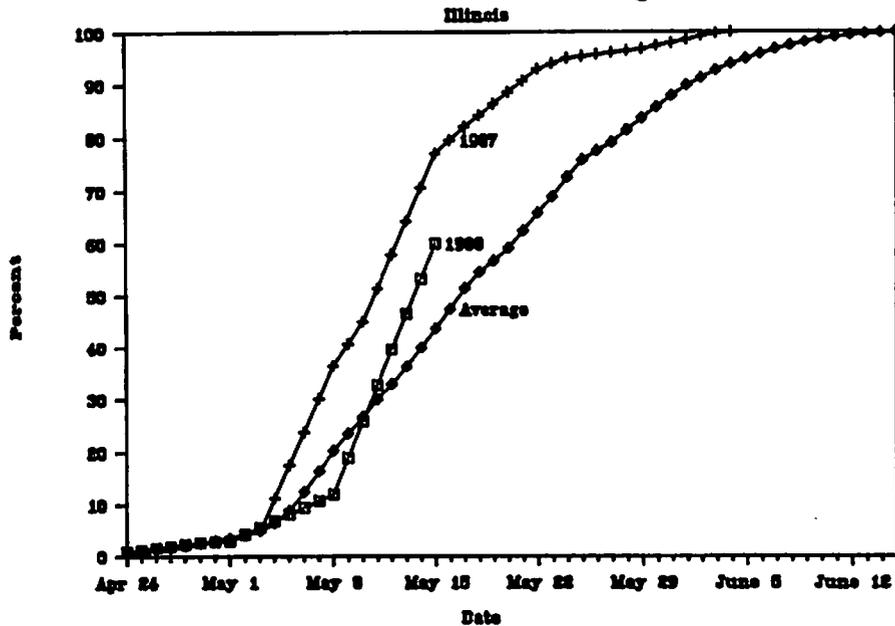
**SOIL MOISTURE** on May 13 was reported as 77% short and 23% adequate.

## ILLINOIS DISTRICT SUMMARY

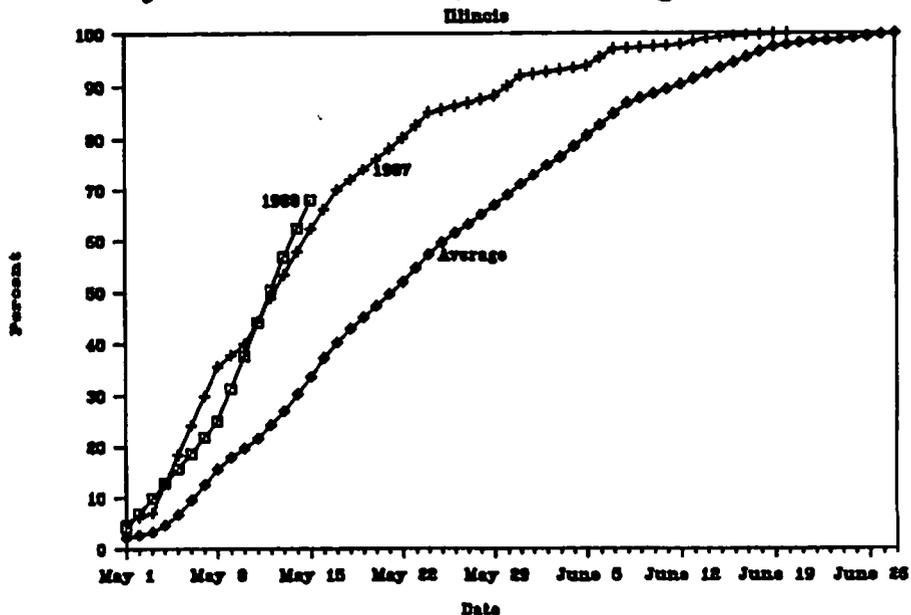
	: Corn	: Soybean	: Alfalfa hay:	Days	:	Soil
District:	acreaage	acreaage	% 1st	: suitable for:	moisture percent	
	: % planted:	: % planted:	crop cut	: fieldwork	: Short:	Adequate: Surplus

	- As of May 15 -			- As of May 13 -			
NW	: 98	50	7	4.5	45	55	0
NE	: 95	50	4	5.5	70	30	0
W	: 99	65	7	6.0	95	5	0
C	: 99	80	8	5.0	85	15	0
E	: 99	75	8	5.5	90	10	0
WSW	: 99	75	17	5.5	80	20	0
ESE	: 99	70	35	6.5	95	5	0
SW	: 99	60	60	6.0	60	40	0
SE	: 96	60	35	5.5	85	15	0
State	: 98	68	16	5.5	77	23	0
5-Yr. Avg:	76	34	9				

### Wheat - Percent of Acreage Headed



### Soybeans - Percent of Acreage Planted



**WEATHER**

**TEMPERATURES:** LOW HUMIDITIES LIMITED RAINFALL WITH FRONTAL SYSTEMS DURING THE PERIOD. AVERAGE DAILY HIGHS RANGED FROM THE LOWER 70'S IN THE NORTH TO THE LOWER 80'S IN THE SOUTH. THESE READINGS AVERAGED 4 TO 6 DEGREES ABOVE NORMAL IN MOST AREAS. AVERAGE LOWS RANGED FROM NEAR 50 IN THE NORTH TO THE MID-50'S IN THE SOUTH, WHICH WAS 1 TO 6 DEGREES ABOVE NORMAL OVER MUCH OF THE STATE. HIGHEST READINGS OCCURRED LATE IN THE WEEK WITH UPPER 80'S TO AROUND 90 REPORTED.

TOTAL RAINFALL FOR THE PERIOD AVERAGED FROM 1/10 TO 1/2 INCH OVER THE NORTH TO A TRACE OR LESS OVER THE CENTRAL AND SOUTH. THIS WAS 1/2 TO 1 INCH BELOW NORMAL ACROSS THE STATE.

BASE 40 DEGREE DAYS ACCUMULATED FROM 140 IN THE NORTH TO NEAR 200 IN THE SOUTH, WHICH WAS 20 TO 30 DEGREE DAYS ABOVE NORMAL. SOIL TEMPERATURES AT THE 4-INCH BARE SOIL DEPTH AVERAGED MOSTLY IN THE MID-60'S TO NEAR 70.

FAIR AND WARMER WEATHER IS FORECAST FOR WEDNESDAY THROUGH FRIDAY WITH HIGHS RISING INTO THE 80'S BY FRIDAY AND LOWS BACK IN THE 50'S.

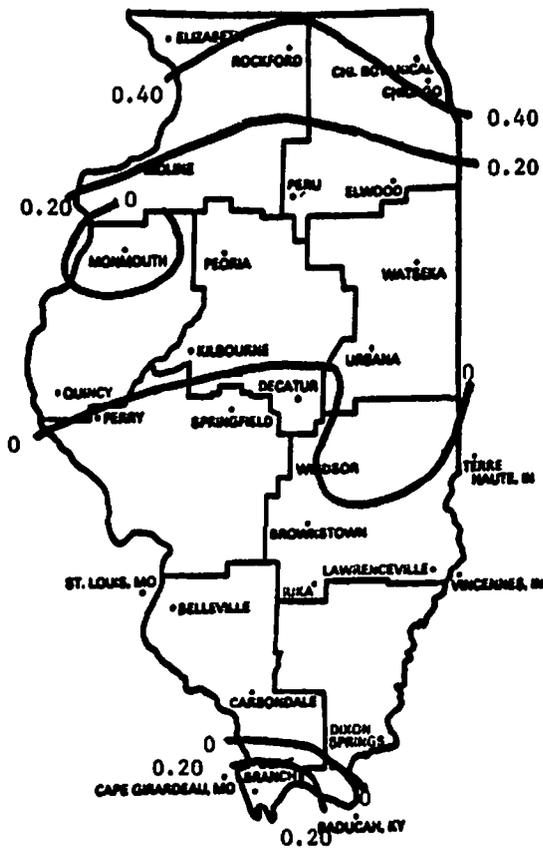
**Week ending 8 A.M. Monday, May 16, 1988**

Location	Temperatures			Precipitation			Growing Degree Days(50)		
	:Maxi- : mum	:Mini- : mum	:Deapar- : ture	:Curr- : week	:Since : May 1:	:Departure : since May 1:	:Curr- : week	:Since : May 1:	:Departure : since May 1:
ELIZABETH	73	47	1	0.50	1.27	-0.87	92	211	52
ROCKFORD	73	51	4	0.30	0.70	-1.32	99	229	85
CHICAGO	72	52	4	0.44	0.60	-1.08	96	215	73
CHI BOTANICAL	70	48	0	0.43	0.69	-1.09	78	168	24
ELWOOD	77	49	5	0.15	0.65	-1.31	104	233	89
WATSEKA	78	51	4	0.03	0.46	-1.72	115	237	72
PERU	76	50	2	0.18	0.78	-1.28	104	238	64
MOLINE	76	53	4	0.39	1.16	-1.04	116	258	98
PEORIA	77	55	6	0.05	0.60	-1.42	122	262	100
KILBOURNE	82	52	4	0.06	0.84	-1.39	127	269	80
MONMOUTH	78	53	4	0.00	0.57	-1.41	115	251	74
QUINCY	79	54	4	0.16	0.86	-1.40	120	255	79
PERRY	79	52	2	0.00	1.21	-0.93	116	246	51
SPRINGFIELD	80	55	5	0.00	0.43	-1.39	130	267	83
DECATUR	79	55	4	0.00	0.66	-1.47	130	260	67
URBANA	79	53	4	0.03	0.53	-1.37	119	250	78
WINDSOR	81	53	4	0.57	0.57	-1.48	125	264	74
TERRE HAUTE	81	52	5	0.00	0.57	-1.49	123	250	72
ST LOUIS	82	59	NA	0.00	0.66	NA	149	300	NA
BELLEVILLE	82	53	3	0.00	0.65	-1.34	132	265	56
BROWNSTOWN	82	52	3	0.00	0.73	-1.51	131	272	74
IUKA	82	50	2	0.00	0.85	-1.13	122	247	40
LAWRENCEVILLE	82	52	NA	0.00	0.56	NA	125	257	NA
VINCENNES	81	54	4	0.00	0.50	-1.69	130	255	59
DIXON SPRINGS	82	53	1	0.00	1.27	-1.13	131	262	17
PADUCAH	84	57	4	0.00	2.14	-0.21	148	291	47
OLIVE BRANCH	82	56	4	0.24	1.34	-1.15	143	273	44
CARBONDALE	83	54	3	0.00	1.33	-0.88	137	264	40
C GIRARDEAU	85	57	NA	0.00	1.67	NA	148	295	NA

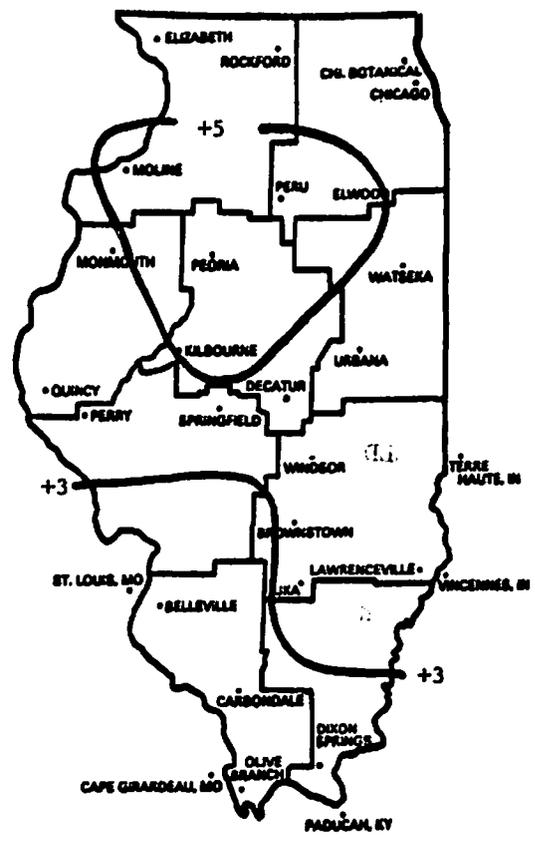
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PRECIPITATION (INCHES)  
MAY 10-16, 1988



TEMPERATURE DEPARTURES FROM  
AVERAGE ( F ) MAY 10-16, 1988

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.