

# ILLINOIS WEATHER & CROPS

**ILLINOIS AGRICULTURAL STATISTICS SERVICE**

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U. S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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CROPS

WEATHER

Beneficial rain was received by farmers in northern and some east-central areas of the State while most of the west-central and southern areas received only widely scattered rainfall. Some northern areas received very heavy amounts of rain that caused some soil erosion and ponding and may cause some crops to be replanted. For the week of May 16-22, there was an average of 5 days reported as suitable for fieldwork with rain limiting fieldwork in northern areas. Corn planting was virtually complete across the State and soybean and sorghum planting are still running ahead of last year and the average.

CORN planting, as of May 24, was 99% complete, compared to 98% last year, and the 5-year average (1982-86) of 89%. The emerged acreage was reported as 89% of a full stand compared to 91% last year. The average height of all corn that had emerged was 7 inches compared to 7 inches last year and the average of 3 inches. The average height of the most advanced fields was 13 inches compared to 12 inches last year and the average of 5 inches. Two percent of the crop has been replanted. Condition of the emerged crop on May 22 was reported to be 17% excellent, 71% good, 11% fair, and 1% poor.

SOYBEAN planting, as of May 24, was 85% complete, compared to 69% last year and the 5-year average of 54%. Condition of the crop that had emerged on May 22 was 4% excellent, 65% good, 29% fair and 2% poor. Dry soil conditions over the central and southern areas resulted in some poor stands.

On May 24, 95% of the WINTER WHEAT acreage was heading, compared to 86% last year and the 5-year average of 69%. Fifty percent of the acreage was filling, compared to 43% last year and the average of 22%. Condition of the crop on May 22 was reported as 20% excellent, 65% good, and 15% fair.

OATS condition on May 22 was reported as 22% excellent, 63% good, 14% fair and 1% poor. Ten percent of the acreage was heading on May 24, compared to 13% last year and the average of 7%.

SORGHUM planting on May 24 was 68% complete, compared to 43% last year and the average of 26%.

Cutting of the first crop of ALFALFA HAY was 45% complete on May 24, compared to 29% last year and the average of 21%. Condition of the crop on May 22 was reported as 14% excellent, 64% good, and 22% fair.

Cutting of CLOVER HAY on May 24 was 40% complete compared to 19% last year and the average of 12%. Condition of the crop on May 22 was reported to be 16% excellent, 70% good, and 14% fair.

PASTURE condition on May 22 was reported to be 9% excellent, 61% good, 27% fair, and 3% poor.

SOIL MOISTURE on May 22 was reported as 61% short, 27% adequate, and 12% surplus.

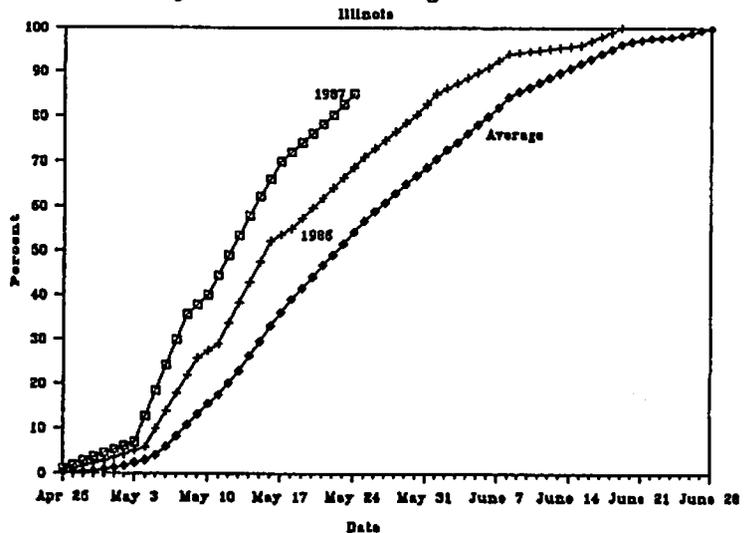
TEMPERATURES this past week averaged above seasonal levels except for far northwestern counties. Readings North were generally 2 to 4° warmer than usual. Central and southern areas were as much as 4 to 8° above the norm. Temperature extremes were wide, ranging from midsummerlike afternoon highs well into the 90's on the 21st to nippy morning lows in the North on the 24th.

PRECIPITATION was widespread but incoming totals were highly variable. One-inch plus totals were common in the North with some reports exceeding the 3-inch mark. Central and southern totals were much lighter, with incoming totals ranging from less than a tenth of an inch to a few spotty reports over the half-inch mark.

The FORECAST Thursday through Saturday is calling for warm temperatures and high humidity levels. Showers or thundershowers will threaten daily, mainly during the afternoon or evening hours.

The OUTLOOK for May 31-June 4 is warmer than normal and a greater than normal chance of precipitation.

Soybeans - Acreage Planted



**ILLINOIS CROP REPORTING DISTRICT SUMMARY**

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of May 24											
Corn: Percent planted	99	97	98	100	100	100	100	99	96	99	89
Soybeans: Percent planted	88	75	80	95	92	90	90	70	75	85	54
Alfalfa Hay: % 1st crop cut	30	20	35	40	40	60	72	85	92	45	21
Week ending May 22											
Days suitable for fieldwork:	3.0	2.0	5.5	5.0	3.5	6.0	6.0	6.5	6.5	5.0	
Soil Moisture Percent:											
Short	15	0	85	70	25	90	70	95	100	61	
Adequate:	60	35	15	30	60	10	30	5	0	27	
Surplus:	25	65	0	0	15	0	0	0	0	12	

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

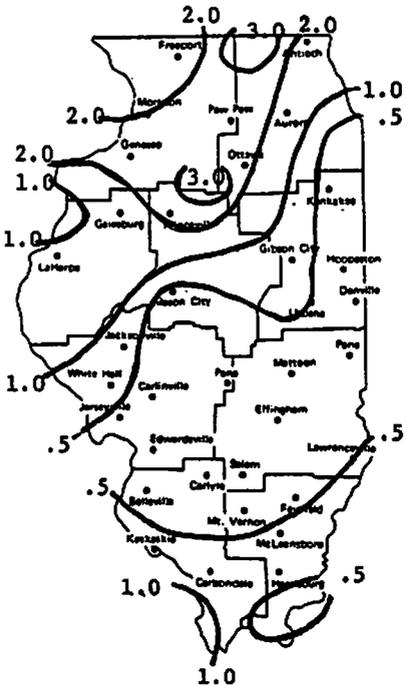
Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill. and National Weather Service Cooperative Observers.

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May 26, 1987

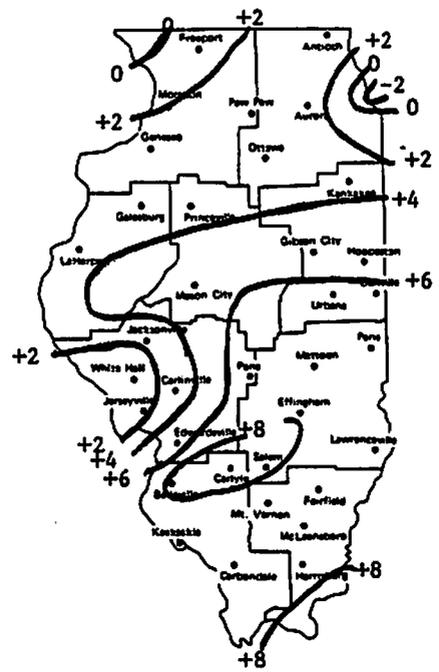
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Week ending 8 A.M. Monday, May 25, 1987

Location	Temperatures			Precipitation			Growing Degree Days (50 deg)		
	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	70	51	0	1.75	2.20	-1.16	90	335	69
ROCKFORD	73	54	2	3.10	3.65	0.52	102	349	103
CHICAGO	72	52	1	0.73	1.70	-0.93	94	326	85
CHI BOTANICAL	68	50	-3	1.08	2.88	0.14	74	269	15
ELWOOD	74	55	3	0.47	2.01	-1.04	109	360	114
WATSEKA	76	57	3	1.02	1.98	-1.40	124	379	97
PERU	74	56	1	3.52	5.32	2.11	111	372	75
MOLINE	76	56	2	2.25	2.51	-0.93	112	409	132
PEORIA	79	59	5	0.77	1.31	-1.84	134	404	122
KILBOURNE	81	59	5	0.23	0.37	-3.11	139	457	133
MONMOUTH	78	55	2	0.96	1.01	-2.09	117	409	106
QUINCY	78	59	4	1.41	2.81	-0.72	134	444	136
PERRY	79	55	1	0.94	2.36	-0.98	127	417	81
SPRINGFIELD	83	61	6	0.05	0.56	-2.24	150	464	142
DECATUR	81	60	5	0.68	1.26	-2.09	147	450	116
URBANA	81	60	6	0.51	2.56	-0.40	146	435	134
WINDSOR	84	61	7	0.00	0.45	-2.79	160	463	133
TERRE HAUTE	84	61	7	0.85	2.95	-0.28	157	458	151
ST LOUIS	83	64	NA	0.28	1.98	NA	165	530	NA
BELLEVILLE	86	63	8	0.47	1.52	-1.61	171	489	130
BROWNSTOWN	87	61	8	0.02	0.27	-3.26	164	494	154
IUKA	86	60	6	0.39	0.57	-2.57	159	475	118
LAWRENCEVILLE	87	61	NA	0.56	1.68	NA	164	487	NA
VINCENNES	85	61	7	1.20	2.35	-1.08	161	476	139
DIXON SPRINGS	87	65	7	0.33	1.66	-2.09	182	518	104
PADUCAH	89	66	8	0.50	0.56	-3.12	184	550	137
OLIVE BRANCH	89	65	9	1.03	1.27	-2.62	181	537	148
CARBONDALE	88	62	7	0.67	1.18	-2.29	170	515	134
C GIRARDEAU	87	68	NA	1.59	1.79	NA	185	554	NA



PRECIPITATION (INCHES)  
MAY 19-25, 1987



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) MAY 19-25, 1987