

ILLINOIS WEATHER & CROPS



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CROPS

Soil moisture supplies are good over most of the northern one-fourth of the State, although excessive rain in parts of this area caused some acreage losses and selected replanting will be necessary as fields dry out. Rainfall has been spotty over most of the southern three-fourths of Illinois, with soil moisture supplies short, and in some cases very short, over much of this area. Fieldwork continued quite active, with planting of most spring crops now complete or nearly complete over virtually the entire State. For the week of May 23-29, there was an average of five and one-quarter days reported as suitable for fieldwork--the least activity in the extreme north and heaviest in the southern half of Illinois.

Condition of the **CORN** crop on May 29 was reported to be 11% excellent, 73% good, and 16% fair. The average height of all corn that had emerged was 12 inches compared to 12 inches last year and the average of 6 inches. The average height of the most advanced fields was 20 inches compared to 19 inches last year and the average of 12 inches.

SOYBEAN planting, as of May 31, was 92% complete, compared to 83% last year and the 5-year average of 69%. Condition of the crop that had emerged on May 29 was 57% good, 40% fair and 3% poor. Soil conditions continued mostly dry over the central and southern areas, resulting in some poor stands, as well as some holdup in final plantings.

By May 31, 98% of the **WINTER WHEAT** acreage was heading, compared to 96% last year and the 5-year average of 87%. Seventy-five percent of the acreage was filling, compared to 77% last year and the average of 47%. About 25% of the acreage was turning yellow, compared to 24% last year and the average of 9%. Condition of the crop on May 29 was reported as 12% excellent, 64% good, and 24% fair.

OATS condition on May 29 was reported as 17% excellent, 61% good, 21% fair and 1% poor. Forty-five percent of the acreage was heading on May 31, compared to 28% last year and the average of 18%. Thirteen percent of the acreage was filling, compared to 10% last year and the average of 5%.

SORGHUM planting on May 31 was 75% complete, compared to 62% last year and the average of 43%. Condition of the crop was rated as 64% good and 36% fair.

Cutting of the first crop of **ALFALFA HAY** was 60% complete on May 31, compared to 43% last year and the average of 37%. Condition of the crop on May 29 was reported as 18% excellent, 69% good, 11% fair, and 2% poor.

Cutting of **CLOVER HAY** on May 31 was 55% complete compared to 39% last year and the average of 29%. Condition of the crop on May 29 was reported to be 8% excellent, 60% good, 30% fair, and 2% poor.

PASTURE condition on May 29 was reported to be 7% excellent, 53% good, 37% fair, and 3% poor.

SOIL MOISTURE on May 29 was reported as 63% short, 28% adequate, and 9% surplus.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	Soybeans		Alfalfa hay		Days Suit- able for fieldwork	Soil		
	Percent Planted	Percent Crop cut	Percent 1st	Percent adequate		Moisture	Percent Adequate	Percent Surplus
	As of May 31				Week ending May 29			
Northwest	92	40	3.0	15	55	30		
Northeast	80	25	3.5	0	55	45		
West	87	55	6.0	90	10	0		
Central	97	65	5.5	65	35	0		
East	97	65	5.5	40	50	10		
West-Southwest	95	90	6.5	90	10	0		
East-Southeast	95	90	6.5	100	0	0		
Southwest	80	98	6.0	85	15	0		
Southeast	90	98	5.5	85	15	0		
State	92	60	5.25	63	28	9		
5-Yr. Avg.	69	37						

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WEATHER

TEMPERATURES during this past week averaged well above seasonal levels. In central and northern areas, readings were as much as 8 to 10 degrees warmer than normal. In the South, readings were 5 to 8° above usual. Temperature extremes ranged from 50° in the North on the morning of the 26th to readings South in the middle 90's on the afternoon of the 30th. Four-inch bare soil temperatures ranged from the middle 60's overnight to the 80's to lower 90's in the early evening hours.

PRECIPITATION was quite widespread but incoming totals were highly variable. One-inch-plus totals were noted in a few locations in the far west-central, far east-central and far southern sections of the State. Elsewhere totals ranged from a tenth to three-quarters of an inch.

The extended **FORECAST** Wednesday through Friday is calling for a rather benign weather pattern with mild temperatures and pleasant humidity levels. Highs will range from the 70's North to the lower 80's in the far South. Morning lows will range from the upper 40's to upper 50's.

The **OUTLOOK** for June 7-11 is temperature above normal with below normal precipitation.

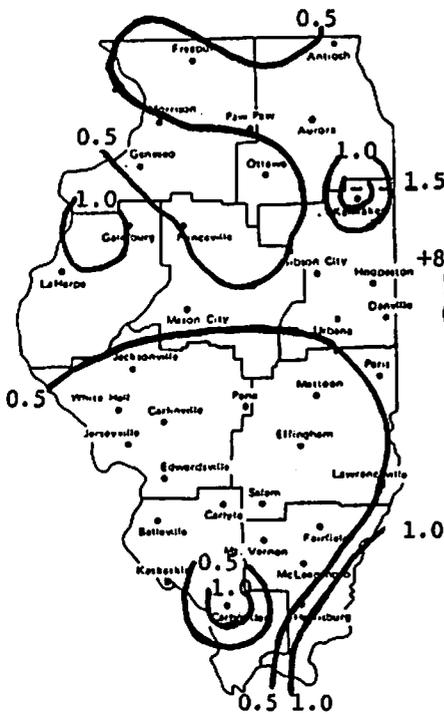
Week ending 8 A.M. Monday, June 1, 1987

Location	Temperatures			Precipitation			:Growing Degree Days(50°)		
	:Maxi-	:Mini-	:Depar-	:Curr.:	:Since:	: Departure	:Curr.:	:Since	:Departure
	: mum	: mum	: ture	:week	:May 1:	:since May 1:	:week	: May 1:	:since May 1
ELIZABETH	80	59	5	0.69	2.89	-1.41	142	477	113
ROCKFORD	82	63	9	0.35	4.00	-0.05	160	509	167
CHICAGO	84	65	11	0.58	2.28	-1.16	174	507	166
CHI BOTANICAL	85	64	9	0.50	3.38	-0.15	171	441	82
ELWOOD	87	65	12	0.78	2.79	-1.15	179	539	195
WATSEKA	86	65	10	1.52	3.50	-0.83	178	558	164
PERU	81	62	5	0.10	5.42	1.31	150	522	111
MOLINE	83	65	8	0.82	3.33	-1.06	174	583	196
PEORIA	85	66	10	0.39	1.70	-2.32	181	585	191
KILBOURNE	88	67	10	0.24	0.61	-3.83	187	644	196
MONMOUTH	86	63	8	1.40	2.41	-1.58	172	581	162
QUINCY	84	66	8	0.84	3.65	-0.85	181	625	196
PERRY	84	63	5	0.32	2.68	-1.57	170	588	126
SPRINGFIELD	89	68	11	0.40	0.96	-2.62	194	659	211
DECATUR	88	66	9	0.01	1.27	-3.06	182	632	172
URBANA	87	66	9	0.62	3.18	-0.61	181	617	197
WINDSOR	87	64	7	0.07	0.52	-3.66	176	639	183
TERRE HAUTE	87	66	9	0.33	3.28	-0.86	184	642	216
ST LOUIS	86	70	NA	0.02	2.00	NA	196	726	NA
BELLEVILLE	86	66	7	0.01	1.53	-2.51	180	670	176
BROWNSTOWN	89	67	10	0.17	0.44	-4.09	187	682	214
IUKA	86	63	5	0.12	0.69	-3.37	172	647	155
LAWRENCEVILLE	88	65	NA	0.35	2.03	NA	183	670	NA
VINCENNES	86	64	7	2.88	5.29	0.92	177	660	195
DIXON SPRINGS	86	65	5	1.39	3.05	-1.71	182	700	138
PADUCAH	87	66	5	0.84	1.40	-3.30	182	732	172
OLIVE BRANCH	86	65	5	0.33	1.60	-3.32	179	716	186
CARBONDALE	85	64	5	1.05	2.23	-2.21	173	688	168
C GIRARDEAU	86	69	NA	1.89	3.68	NA	190	744	NA

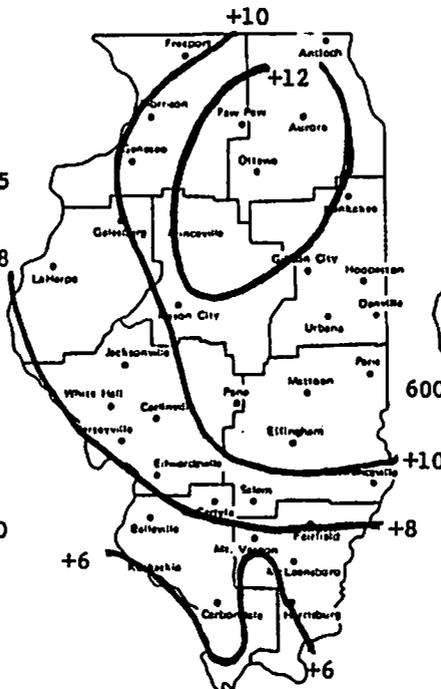
NEWSPAPER TIME VALUE

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June 1, 1987

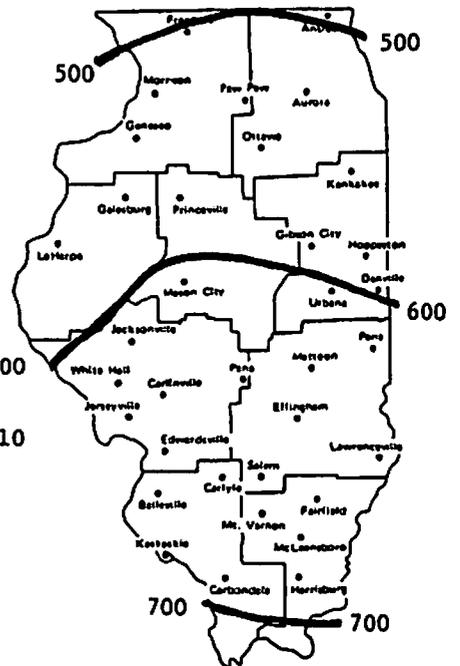
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PRECIPITATION (INCHES)
MAY 26-JUNE 1, 1987



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) MAY 26-JUNE 1



GROWING DEGREE DAYS (50°)
MAY 1-JUNE 1, 1987