

# ILLINOIS WEATHER & CROPS



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



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## CROPS

Soil moisture supplies improved slightly in some areas of the State as several areas received much needed rainfall. However, soils in most areas of the State remain dry and additional rain will be needed to support the developing crops. Last week farmers were busy spraying weeds, baling hay and released set-aside acres, cultivating, mowing roadsides and set-aside acres, harvesting peas, scouting fields, planting and replanting fields, preparing and repairing equipment for the wheat harvest, hauling grain, and tending to livestock. Some problems reported were slow regrowth of alfalfa, oat and wheat heads not filling properly, little pasture regrowth, and a large pest population. For the week of June 4-10, there was an average of six days rated as suitable for fieldwork.

Condition of the **CORN** crop on June 10 was reported as 2% excellent, 57% good, 38% fair, and 3% poor. On June 12, the average height of all corn that had emerged was 21 inches, compared to 28 inches last year and the 5-year average (1983-87) of 18 inches. The average height of the most advanced fields was 31 inches, compared to 42 inches last year and the average of 28 inches.

**SOYBEAN** planting, as of June 12, was virtually complete, compared to 98% last year and the average of 90%. Condition of the crop that had emerged by June 10 was 1% excellent, 38% good, 54% fair, and 7% poor.

Condition of **WINTER WHEAT** on June 10 was reported as 4% excellent, 36% good, 51% fair, and 9% poor. By June 12, 92% of the wheat acreage was turning yellow, compared to 93% last year and the average of 52%. Twenty-eight percent of the wheat acreage was ripe, compared to 51% last year and the average of 19%.

**OAT** condition on June 10 was reported as 18% good, 71% fair, 10% poor, and 1% very poor. Sixty-nine percent of the acreage was heading on June 12, compared to 89% last year and the average of 60%. Thirty-one percent of the acreage was filling compared to 54% last year and the average of 29%. Four percent of the acreage was turning yellow compared to 9% last year and the average of 3%.

**SORGHUM** planting on June 12 was 94% complete, compared to 93% last year, and the average of 71%. Condition of the crop on June 10 was reported as 43% good, 33% fair, and 24% poor.

Cutting of the first crop of **ALFALFA HAY** was 99% complete, compared to 89% last year and the average of 77%. Four percent of the second crop has been cut, compared to 9% last year and the average of 3%. Condition of the crop on June 10 was reported as 17% good, 58% fair, 23% poor, and 2% very poor.

Cutting of **CLOVER HAY** on June 12 was 83% complete compared to 81% last year and the average of 61%. Condition of the crop on June 10 was reported to be 1% excellent, 20% good, 46% fair, and 33% poor.

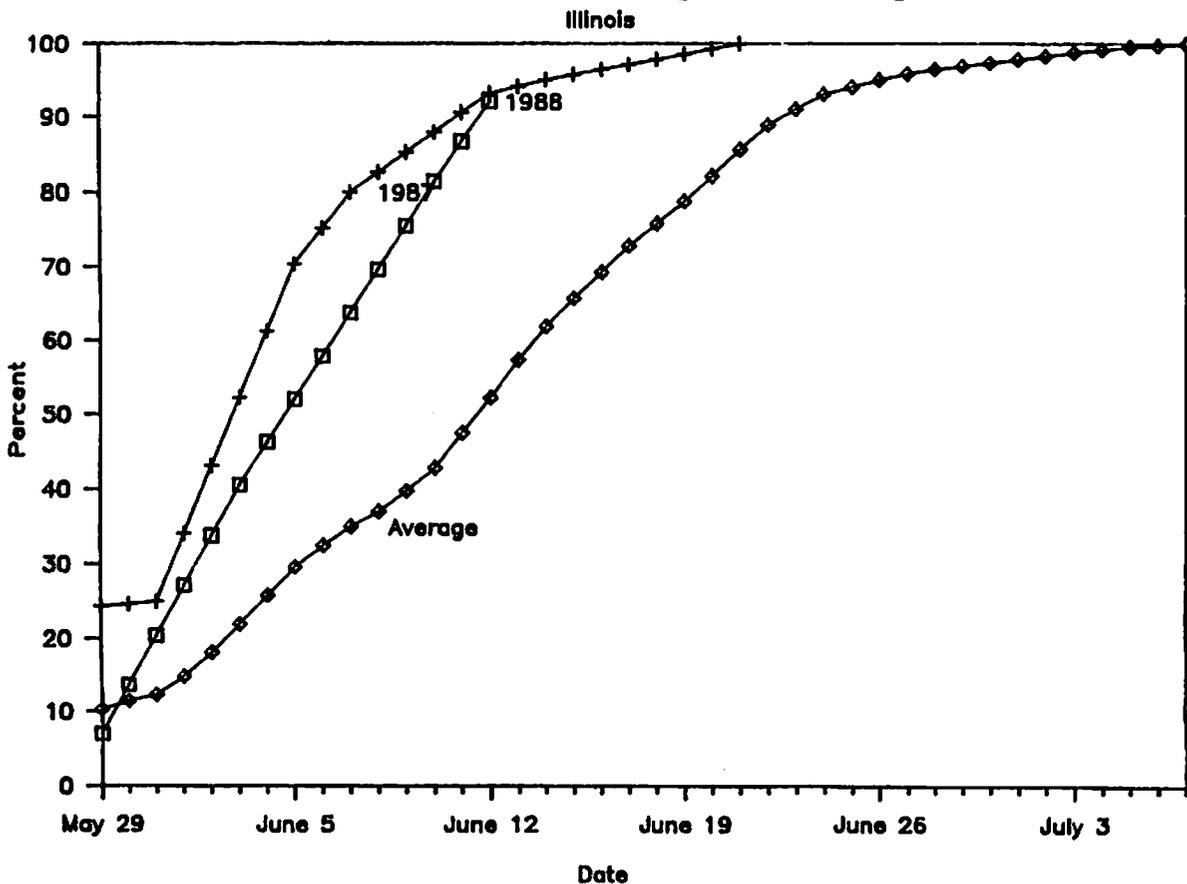
**PASTURE** condition, as of June 10, was rated as 5% good, 34% fair, 52% poor, and 9% very poor.

**SOIL MOISTURE** on June 10 was reported as 97% short and 3% adequate.

**ILLINOIS DISTRICT SUMMARY**

District:	Alfalfa hay	Days	Soil		
	percent 1st crop cut	suitable for fieldwork	moisture percent		
			Short	Adequate	Surplus
	- As of June 12 -		- - - - As of June 10 - - - -		
NW	98	7.0	100	0	0
NE	99	7.0	100	0	0
W	98	5.0	95	5	0
C	99	5.5	100	0	0
E	98	6.5	100	0	0
WSW	99	5.5	80	20	0
ESE	99	6.5	100	0	0
SW	99	6.5	100	0	0
SE	99	5.0	100	0	0
State	99	6.0	97	3	0
5-Yr. Avg:	77				

Wheat — Percent Acreage Turning Yellow



## WEATHER

IT WAS ANOTHER WEEK OF WIDE-RANGING EXTREMES, BUT MANY WEST-CENTRAL AND SOUTHWEST ILLINOIS FIELDS AT LEAST ENDED UP WITH SOME NEEDED MOISTURE. THE COLD FRONT THAT GENERATED THE RAINS AT MIDWEEK DROPPED TEMPERATURES FROM HIGHS IN THE LOW AND MID-90'S TO LOWS IN THE RANGE OF UPPER 30'S TO UPPER 40'S WITHIN 48 HOURS.

AVERAGE TEMPERATURES FOR THE WEEK WERE AS MUCH AS 4 TO 6 DEGREES BELOW NORMAL OVER THE SOUTHERN HALF OF THE STATE AND 1 TO 3 DEGREES BELOW NORMAL IN THE NORTH. BASE 50 GROWING DEGREE DAY TOTALS OF 115 TO 145 ACROSS THE STATE REPRESENTED THE NORMAL IN THE NORTH BUT WERE 20 TO 40 BELOW NORMAL IN CENTRAL AND SOUTHERN AREAS.

RAIN TOTALS OF ONE TO ONE AND A HALF INCHES OCCURRED WITHIN THE WEST-CENTRAL AND WEST-SOUTHWEST SECTIONS OF ILLINOIS. BY CONTRAST, TOTALS WERE LESS THAN A TENTH OF AN INCH IN THE NORTH AND A QUARTER TO HALF INCH CENTRAL AND SOUTH.

A WARM AND MOSTLY DRY WEEK LIES AHEAD. ANOTHER COLD FRONT AT MIDWEEK COULD DRAW TEMPERATURES DOWN FROM THE 90'S TO THE UPPER 70'S AND 80'S OVER THE STATE AFTER WEDNESDAY. RAIN WITH THE FRONT MAY BE LIMITED TO SCATTERED THUNDERSTORMS WITH THOSE CONCENTRATED OVER THE NORTHERN HALF OF THE STATE.

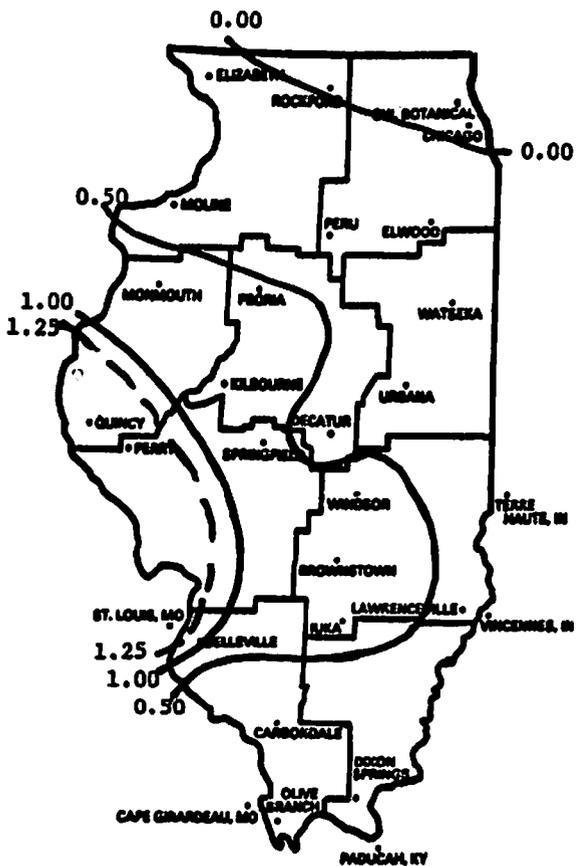
Week ending 8 A.M. Monday, June 13, 1988

Location	Temperatures			Precipitation : Since May 1:	: Departure : since May 1:	: Growing Degree Days (50°)			
	: Maxi- : mum	: Mini- : mum	: Deapar- : ture			: Curr.: : week	: Departure : since May 1:	: Curr.: : week	: Departure : since May 1:
ELIZABETH	83	44	-3	0.02	1.46	-4.47	115	655	88
ROCKFORD	83	50	0	0.00	1.13	-4.62	126	707	165
CHICAGO	80	54	0	0.00	1.19	-3.77	124	663	132
CHI BOTANICAL	79	53	-2	0.00	1.32	-3.68	112	573	-6
ELWOOD	84	51	0	0.05	2.04	-3.53	126	716	166
WATSEKA	85	51	-1	0.04	3.23	-2.81	130	715	95
PERU	83	53	-1	0.14	0.92	-4.59	134	736	107
MOLINE	82	53	-1	0.38	2.70	-3.35	132	756	144
PEORIA	81	51	-3	0.54	1.98	-3.55	120	762	139
KILBOURNE	82	51	-4	0.83	2.52	-3.55	122	771	76
MONMOUTH	80	52	-3	0.82	2.24	-3.30	121	737	86
QUINCY	80	55	-3	1.41	2.55	-3.56	128	769	96
PERRY	80	52	-5	1.38	4.84	-0.92	120	738	25
SPRINGFIELD	82	55	-2	0.59	2.35	-2.64	136	798	98
DECATUR	83	55	-2	0.27	2.40	-3.65	136	777	66
URBANA	84	53	-1	0.30	1.96	-3.32	131	788	129
WINDSOR	85	54	-1	0.71	2.11	-3.72	144	802	96
TERRE HAUTE	86	50	-2	0.20	2.45	-3.26	129	750	84
ST. LOUIS	84	60	NA	1.26	2.70	NA	153	890	NA
BELLEVILLE	87	54	-1	0.83	1.93	-3.68	140	791	31
BROWNSTOWN	85	50	-4	0.96	1.96	-4.27	123	769	47
IUKA	84	51	-4	0.75	2.29	-3.40	127	735	-22
LAWRENCEVILLE	86	52	NA	0.35	1.92	NA	130	766	NA
VINCENNES	85	48	-5	0.38	1.76	-4.20	120	749	27
DIXON SPRINGS	86	50	-6	0.31	2.57	-3.81	128	788	-55
PADUCAH	87	53	-4	0.10	3.24	-3.17	135	833	-10
OLIVE BRANCH	86	51	-4	0.10	2.01	-4.54	131	796	-7
CARBONDALE	85	54	-3	0.02	3.16	-2.89	134	781	-10
C GIRARDEAU	85	55	NA	0.13	4.01	NA	139	842	NA

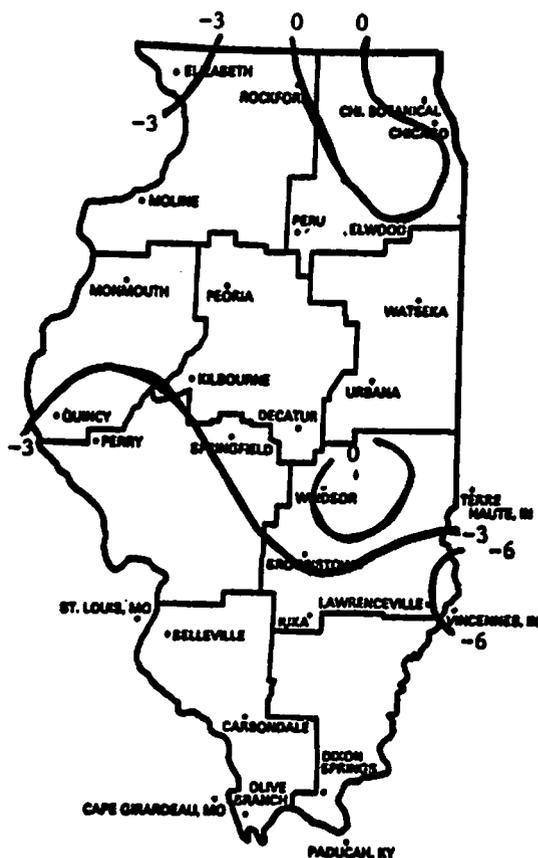
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PRECIPITATION (INCHES)  
JUNE 7-13, 1988



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) JUNE 7-13, 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.