

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

Crop conditions declined with the continued dry weather across the State. Last week, farmers were busy baling hay, cultivating corn and soybeans, spraying post-emergence herbicides, nitrogen, and insecticides, planting the remaining soybean acreage, replanting some small areas of corn and soybeans, rotary hoeing, mowing roadsides and CRP acres, scouting fields, hauling grain, and caring for livestock. Alfalfa weevil and bean leaf beetle continue to be problems along with carry-over chemical damage. White grubs were reported in some soybean and corn fields in a few areas of the State causing some replanting. For the week of May 28-June 3, there was an average of seven days rated as suitable for fieldwork. All districts reported 100% shortages of soil moisture.

Condition of the **CORN** crop on June 3 was reported as 2% excellent, 57% good, 38% fair, and 3% poor. On June 5, the average height of all corn that had emerged was 14 inches, compared to 17 inches last year and the average of 11 inches. The average height of the most advanced fields was 21 inches, compared to 29 inches last year and the average of 19 inches.

SOYBEAN planting, as of June 5, was about 99% complete, compared to 94% last year and the average of 81%. The emerged acreage was reported as 81% of a full stand, compared to 81% last year, as dry weather has caused some poor germination and emergence of the crop. Condition of the crop that had emerged on June 3 was 36% good, 57% fair, 6% poor, and 1% very poor.

Condition of **WINTER WHEAT** on June 3 was reported as 6% excellent, 52% good, 33% fair, and 9% poor. By June 5, 89% of the acreage was filling, compared to 94% last year and the average of 66%. Fifty-two percent of the wheat acreage was turning yellow, compared to 70% last year and the average of 30%. One percent of the wheat acreage was ripe, compared to 3% last year and the average of 2%.

OAT condition on June 3 was reported as 35% good, 56% fair, 7% poor, and 2% very poor. Forty-nine percent of the acreage was heading on June 5, compared to 68% last year and the average of 39%. Twenty percent of the acreage was filling compared to 34% last year and the average of 15%.

SORGHUM planting on June 5 was 91% complete, compared to 85% last year, and the average of 56%. Condition of the crop on June 3 was reported 25% good, 67% fair, and 8% poor.

Cutting of the first crop of **ALFALFA HAY** was 88% complete, compared to 75% last year and the average of 57%. Condition of the crop on June 3 was reported as 37% good, 55% fair, and 8% poor.

Cutting of **CLOVER HAY** on June 5 was 76% complete compared to 68% last year and the average of 45%. Condition of the crop on June 3 was reported to be 2% excellent, 33% good, 56% fair, and 9% poor.

PASTURE condition, as of June 3, was rated as 9% good, 53% fair, 35% poor, and 3% very poor.

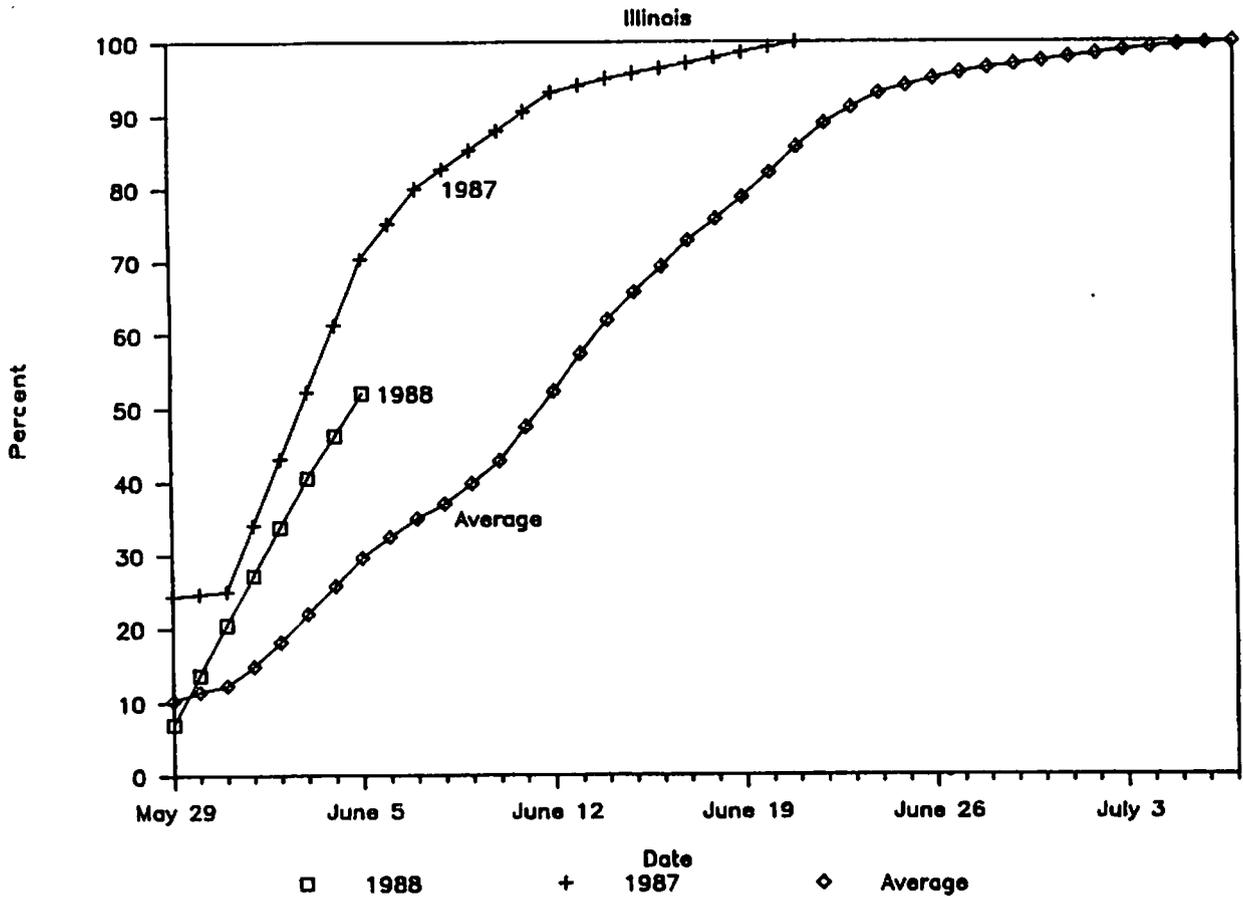
SOIL MOISTURE on June 3 was reported as 100% short.

ILLINOIS DISTRICT SUMMARY

	: Soybean acreage :	Alfalfa hay : % 1st planted :	Days : suitable for fieldwork :	Soil moisture percent :	Short:Adequate:Surplus
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	- As of June 5 -			- As of June 3 -		
NW	99	80	7.0	100	0	0
NE	99	80	7.0	100	0	0
W	99	85	7.0	100	0	0
C	99	93	7.0	100	0	0
E	99	80	7.0	100	0	0
WSW	99	98	7.0	100	0	0
ESE	99	99	7.0	100	0	0
SW	95	99	7.0	100	0	0
SE	97	99	7.0	100	0	0
State	99	88	7.0	100	0	0
5-Yr. Avg:	81	57				

Wheat – Percent Acreage Turning Yellow



WEATHER

TEMPERATURES AVERAGED WITHIN A DEGREE OR TWO OF NORMAL OVER MOST OF ILLINOIS FOR THE WEEK REACHING 2 TO 5 DEGREES ABOVE NORMAL AROUND THE NORTHEAST SECTOR. THERE WAS A WIDE RANGE BETWEEN EXTREMES AS HIGHS SOARED TO THE LOWER 90'S THROUGHOUT THE STATE AT MIDWEEK TO BE FOLLOWED BY LOWS PLUNGING INTO THE 40'S IN NEARLY ALL AREAS SATURDAY MORNING.

ISOLATED THUNDERSHOWERS OCCURRING IN ADVANCE OF THE COLD FRONT BROUGHT RAIN AMOUNTS THAT VARIED FROM LESS THAN A TENTH OF AN INCH TO NEARLY AN INCH, BUT THE PERCENTAGE OF AREA COVERAGE WAS EXTREMELY SMALL. MOST REPORTING LOCATIONS RECEIVED NO PRECIPITATION DURING THE WEEK.

AS SOIL MOISTURE SUPPLIES DWINDLED, POTENTIAL GROWTH RATES BASED ON TEMPERATURES WERE HIGH. THE ACCUMULATION OF BASE 50 GROWING-DEGREE DAYS RANGED BETWEEN 120 AND 150 ACROSS THE STATE REPRESENTING AS MANY AS 25 OR 30 ABOVE NORMAL IN THE NORTHERNMOST AREAS.

HOT AND DRY WEATHER IS PROJECTED IN THE CURRENT WEEK WITH DAILY HIGHS MOVING ABOVE THE 90-DEGREE MARK AND OVERNIGHT LOWS LEVELING OFF NEAR 60. NO RAIN IS INDICATED THROUGH FRIDAY.

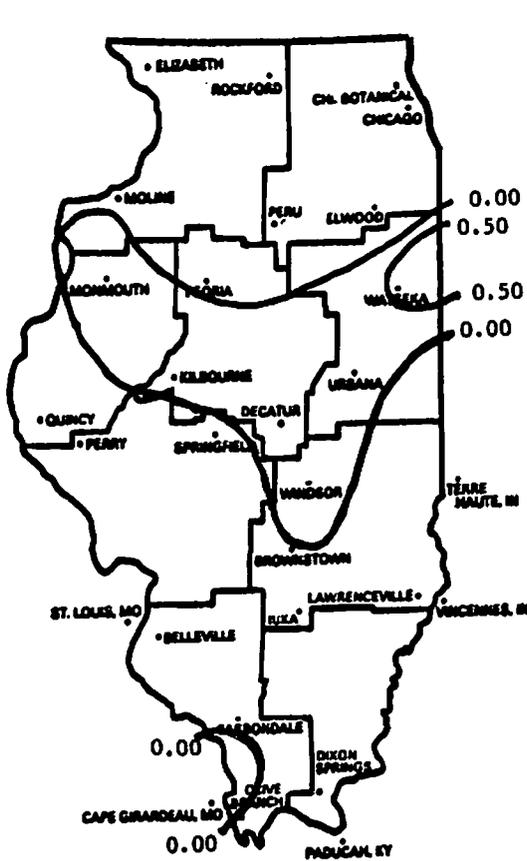
Week ending 8 A.M. Monday, June 6, 1988

Location	Temperatures			Precipitation : Since : : May 1 : : week :	: Growing Degree Days (50°)				
	: Maxi- : mum :	: Mini- : mum :	: Depar- : ture :		: Curr.: : week :	: Since : : May 1 : : week :	: Departure : Since : : May 1 : : week :		
ELIZABETH	84	48	0	0.00	1.44	-3.54	120	540	96
ROCKFORD	84	52	3	0.00	1.13	-3.61	130	580	160
CHICAGO	83	57	5	0.00	1.19	-2.86	138	538	127
CHI BOTANICAL	81	54	1	0.00	1.32	-2.80	126	461	15
ELWOOD	85	54	4	0.00	1.99	-2.61	135	590	166
WATSEKA	86	53	2	0.88	3.19	-1.84	135	584	101
PERU	85	54	2	0.00	0.78	-3.84	141	601	113
MOLINE	86	53	2	0.00	2.32	-2.76	138	624	149
PEORIA	86	55	3	0.00	1.44	-3.21	140	648	164
KILBOURNE	87	55	2	0.13	1.69	-3.43	142	653	107
MONMOUTH	85	54	1	0.02	1.42	-3.21	138	616	105
QUINCY	83	57	1	0.00	1.14	-4.04	147	641	115
PERRY	84	52	-1	0.00	3.46	-1.42	132	618	56
SPRINGFIELD	86	55	1	0.00	1.76	-2.40	143	662	114
DECATUR	85	55	0	0.10	2.13	-2.91	141	641	81
URBANA	87	59	4	0.00	1.66	-2.74	153	657	142
WINDSOR	86	57	2	0.05	1.40	-3.46	148	658	103
TERRE HAUTE	86	54	1	0.00	2.25	-2.54	139	620	99
ST. LOUIS	86	61	NA	0.00	1.44	NA	162	737	NA
BELLEVILLE	86	55	0	0.00	1.10	-3.60	142	646	46
BROWNSTOWN	89	51	0	0.00	1.00	-4.24	141	646	77
IUKA	86	52	-1	0.00	1.54	-3.20	132	608	11
LAWRENCEVILLE	86	54	NA	0.00	1.57	NA	138	636	NA
VINCENNES	85	54	0	0.00	1.38	-3.66	140	632	65
DIXON SPRINGS	87	55	-1	0.00	2.26	-3.19	144	660	-15
PADUCAH	87	56	0	0.00	3.14	-2.28	146	697	24
OLIVE BRANCH	85	55	-1	0.00	1.91	-3.71	143	665	26
CARBONDALE	85	54	-1	0.00	3.14	-1.98	138	647	19
C GIRARDEAU	85	58	NA	0.03	3.88	NA	150	702	NA

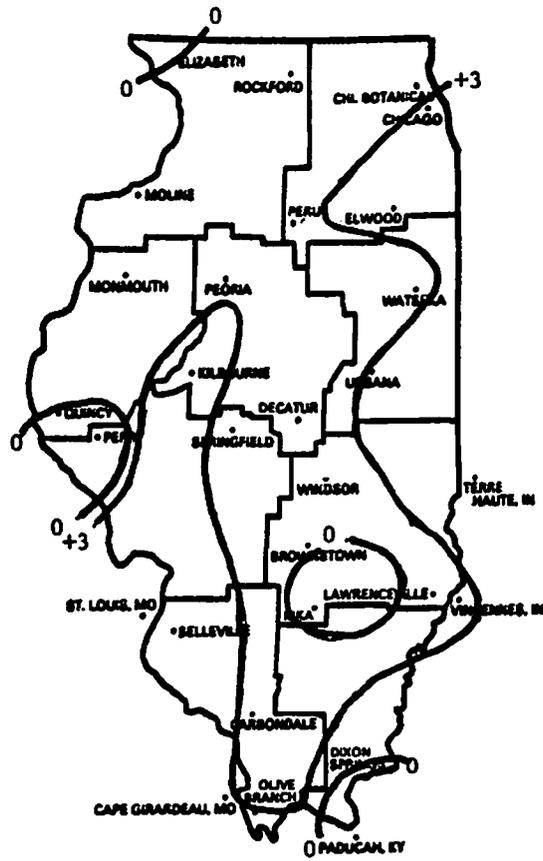
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PRECIPITATION (INCHES)
MAY 31-JUNE 6, 1988



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) MAY 31-JUNE 6, 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.