

# ILLINOIS WEATHER & CROPS



**ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

**RELEASED: September 10, 1990, 3 P.M., CDT**  
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## CROPS

Field crops both benefited from and were hurt by hot dry weather last week. Maturation rates improved with the above normal temperatures speeding up the expected start of harvest by a few days. Late planted crops were stressed by these same conditions causing crop conditions to decline from a week ago. Rainfall that occurred over the weekend in Southern Illinois will help the crops where soil moisture supplies have been short for several weeks. Fall pastures are in need of a good rainfall to establish growth for fall grazing. Last week farmers were cutting and baling hay, cutting corn silage, repairing equipment for harvest, and watching for heat stress in livestock. For the week of September 1-7, there was an average of six and one-half days suitable for fieldwork.

Condition of the **CORN** crop on September 7 was reported as 24% excellent, 63% good, 10% fair and 3% poor. Ninety-one percent was in the dough stage by September 9, compared to complete for both last year and the five-year average (1984-88). Sixty-eight percent of the crop was in the dent stage compared to 84% last year and the average of 94%. Ten percent was mature compared to 26% last year and the average of 52%.

Condition of the **SOYBEAN** crop on September 7 was 13% excellent, 61% good, 22% fair and 4% poor. Eighteen percent of the acreage was turning yellow by September 9, compared to 48% last year and the average of 61%. Five percent was shedding leaves compared to 15% last year and the average of 32%.

Condition of the **SORGHUM** crop on September 7 was 4% excellent, 24% good, 60% fair, and 12% poor. By September 9, 89% of the crop was heading compared to complete last year. Thirty-seven percent was turning color, compared to 78% last year. Four percent was mature compared to 19% last year.

**ALFALFA HAY** condition, as of September 7, was reported as 14% excellent, 61% good, 23% fair and 2% poor. Cutting of the third crop was 75% complete by September 9, compared to 78% last year and the average of 85%.

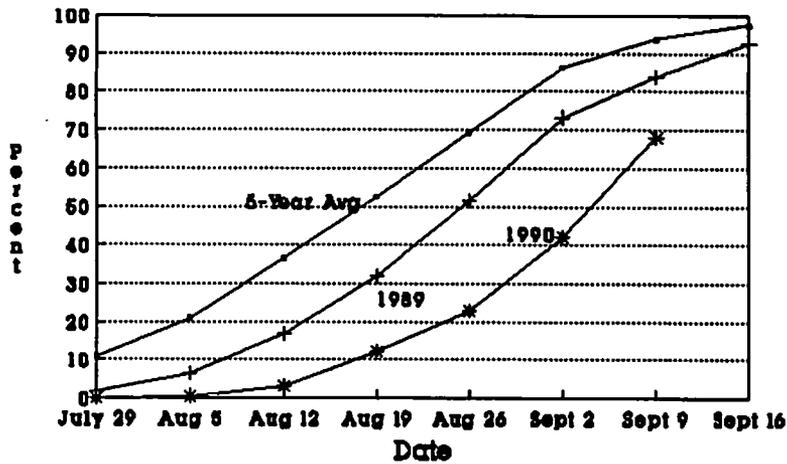
**PASTURE** condition, as of September 7, was reported as 8% excellent, 51% good, 33% fair, and 8% poor.

**SOIL MOISTURE**, as of September 7, was reported as 41% short, 58% adequate and 1% surplus.

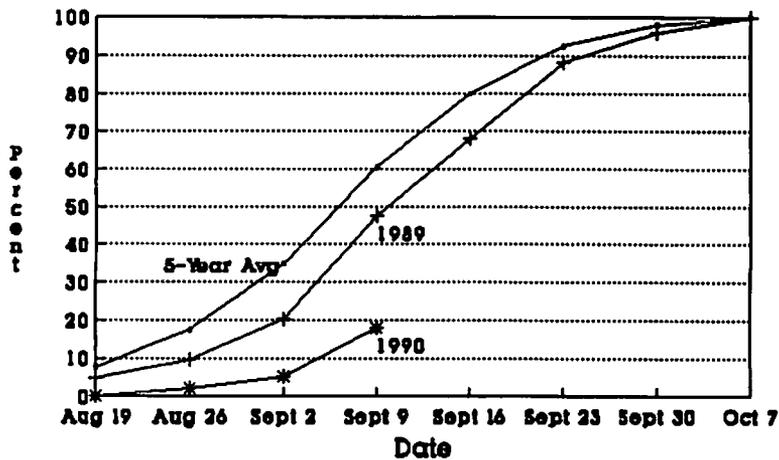
**ILLINOIS DISTRICT SUMMARY**

District	As of September 9		As of September 7		Soil	
	Corn Acreage % Dented	Soybean Acreage % Turning Yellow	Days Suitable For Fieldwork	Moisture Percent	Short:Adq.	Surplus
Northwest	75	20	7.0	0	100	0
Northeast	60	10	6.5	0	100	0
West	75	9	6.0	25	75	0
Central	70	30	5.5	0	100	0
East	85	30	6.5	25	65	10
W Southwest	65	15	7.0	50	50	0
E Southeast	55	20	7.0	90	10	0
Southwest	60	8	7.0	100	0	0
Southeast	35	2	7.0	75	25	0
State	68	18	6.5	41	58	1
5-Year Avg.	94	61				

**Corn - Acreage Dented  
Illinois**



**Soybean - Acreage Turning Yellow  
Illinois**



**WEATHER**

UNUSUALLY MILD AND DRY CONDITIONS DOMINATED ILLINOIS DURING THE PERIOD. STRONG HIGH PRESSURE OVER THE CENTRAL PLAINS BROUGHT THE SUMMERLIKE CONDITIONS TO THE STATE AND ALSO TO MUCH OF THE CENTRAL UNITED STATES. TEMPERATURES AVERAGED 6 TO 10 DEGREES ABOVE NORMAL. MEAN HIGHS RANGED FROM THE MID 80'S TO THE MID 90'S SOUTH WHILE AVERAGE LOWS VARIED FROM THE LOW 60'S TO NEAR 70 SOUTH. TEMPERATURES REACHED WELL INTO THE 90'S DURING THE WEEK AND BROKE THE CENTURY MARK NEAR SAINT LOUIS.

LITTLE TO NO PRECIPITATION FELL DURING THE PERIOD WITH THE EXCEPTION OF A FEW WIDELY SCATTERED THUNDERSTORMS WHICH OCCURRED OVER SOUTH-CENTRAL ILLINOIS. MANY LOCATIONS NOTED LESS THAN 0.10 INCHES WHILE SCATTERED LOCALES RECEIVED 0.10 TO 0.25 INCHES. SCATTERED PORTIONS OF SOUTHERN ILLINOIS ACCUMULATED 0.50 TO SLIGHTLY LESS THAN 1.40 INCHES.

THE MILD TEMPERATURES BOOSTED GROWING DEGREE DAY ACCUMULATIONS GREATLY. MOST AREAS RECEIVED AN EXTRA 25 TO 60 GDD ABOVE THE NORMAL TOTAL FOR THE WEEK. HOWEVER, GDD TOTALS SINCE MAY 1 STILL LAG WELL BEHIND NORMAL.

Week ending 8 A.M. Monday, September 10, 1990

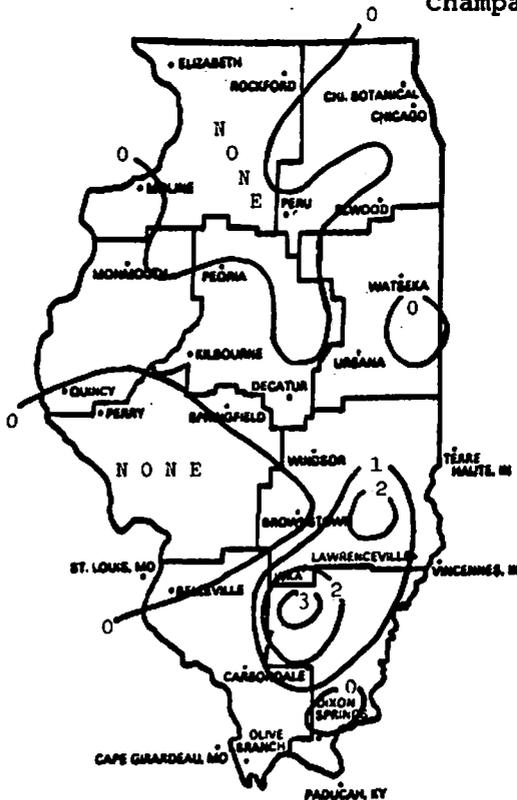
Location	: Temperatures :			: Precipitation :		: Growing Degree Days (50F)			
	: Maxi- : mum	: Mini- : mum	: Depar- : ture	: Curr- : week	: Since : May 1	: Departure : since : May 1	: Curr- : week	: Since : May 1	
ELIZABETH	85	62	8	0.00	18.55	1.16	162	2287	-115
ROCKFORD	86	65	9	0.00	26.67	8.87	175	2499	76
CHICAGO	84	67	8	0.15	21.54	5.96	176	2533	94
CHI BOTANICAL	83	65	8	0.05	24.42	8.86	166	2270	37
ELWOOD	85	63	6	0.64	24.06	7.32	165	2442	-47
WATSEKA	85	63	6	0.31	23.08	5.36	164	2449	-150
PERU	86	65	7	0.00	27.64	11.26	171	2517	-191
MOLINE	87	67	10	0.04	27.31	8.85	182	2717	59
PEORIA	83	66	6	0.05	28.55	12.21	171	2617	-65
KILBOURNE	87	66	6	0.24	29.77	12.33	176	2713	-106
MONMOUTH	85	66	7	0.01	24.24	7.19	173	2562	-155
QUINCY	88	68	8	0.09	20.77	2.73	185	2796	-39
PERRY	88	65	6	0.09	19.72	3.00	174	2684	-206
SPRINGFIELD	88	68	8	0.05	26.73	11.90	187	2872	-1
URBANA	86	66	7	0.15	19.51	2.91	179	2667	-82
WINDSOR	89	69	8	0.12	20.66	4.10	190	2794	-60
TERRE HAUTE	88	68	8	0.67	21.68	5.07	188	2758	-22
ST LOUIS	94	76	NA	0.01	17.93	NA	218	3271	NA
BELLEVILLE	95	68	10	0.00	14.18	-1.42	194	2929	-58
BROWNSTOWN	90	68	8	0.45	19.04	1.83	190	2722	-173
IUKA	91	66	7	1.39	23.39	7.95	182	2683	-334
LAWRENCEVILLE	89	68	NA	0.84	24.39	7.07	190	2774	NA
VINCENNES	89	66	6	0.87	27.02	9.27	181	2791	-129
DIXON SPRINGS	91	66	5	0.57	21.68	4.94	186	3018	-110
PADUCAH	94	68	7	0.39	15.01	-2.21	192	3120	-39
OLIVE BRANCH	92	68	7	0.27	14.43	-3.31	192	3060	-34
CARBONDALE	90	67	6	0.70	18.21	1.07	185	2925	-94
C GIRARDEAU	93	71	NA	0.24	14.38	NA	200	3216	NA

NEWSPAPER TIME VALUE

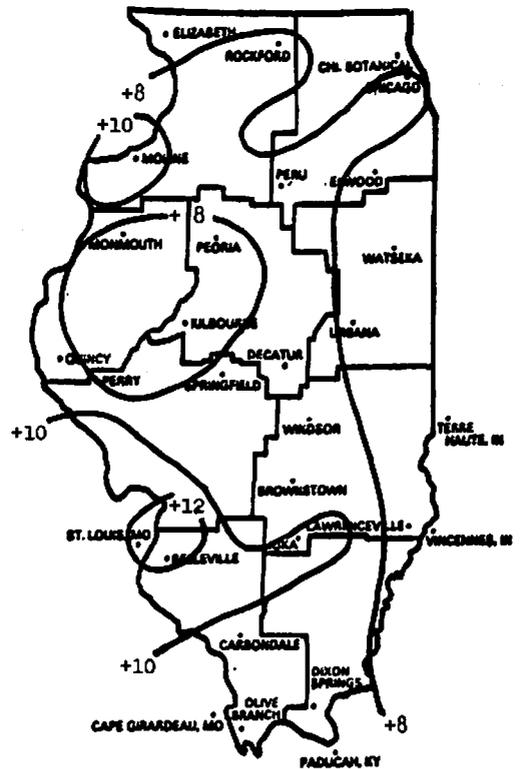
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Champaign, Illinois 61820



PRECIPITATION (INCHES)  
SEPT. 4-10, 1990



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) SEPT. 4-10, 1990

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