

ILLINOIS WEATHER & CROPS



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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

Crop conditions continued to deteriorate last week. Crop conditions on light or sandy soils continue to be the most adversely affected, however, crops on clay ground were showing stress as well. Early planted corn has been affected less than corn planted later, but rainfall is still needed to fill ears. Soybeans are at the critical stage for requiring moisture. The decline in alfalfa conditions over the past week has some farmers concerned about attempting a third cutting. The continuing decline in pasture conditions has caused supplemental feeding of cattle on pasture to increase. Last week, farmers were mowing roadsides and waterways, baling hay, catching up on machinery maintenance, and attending county fairs. For the week of July 27-August 2, there was an average of seven days suitable for fieldwork.

Condition of the **CORN** crop as of August 2 was reported as 2% excellent, 25% good, 38% fair, 25% poor, and 10% very poor. Seventy-seven percent of the crop was in the dough stage by August 4, compared to 19% last year and the five-year average of 56%. Thirty-four percent of the crop was in the dent stage compared to none last year and the average of 16%. Two percent of the crop was mature compared to none for both last year and the average.

Condition of the **SOYBEAN** crop as of August 2 was 1% excellent, 22% good, 52% fair, 21% poor, and 4% very poor. As of August 4, 85% of the crop was setting pods, compared to 31% last year and the average of 67%. Three percent of the crop was turning yellow, compared to none for both last year and the average.

SORGHUM condition, as of August 2, was 35% good, 51% fair, and 14% poor. By August 4, 84% of the crop was heading compared to 10% last year and the average of 61%. Fifteen percent of the crop was turning color compared to none for both last year and the average.

ALFALFA HAY condition, as of August 2, was reported as 9% good, 51% fair, 38% poor, and 2% very poor. By August 4, cutting of the third crop of alfalfa hay was 35% complete, compared to 13% last year and the five-year average of 30%.

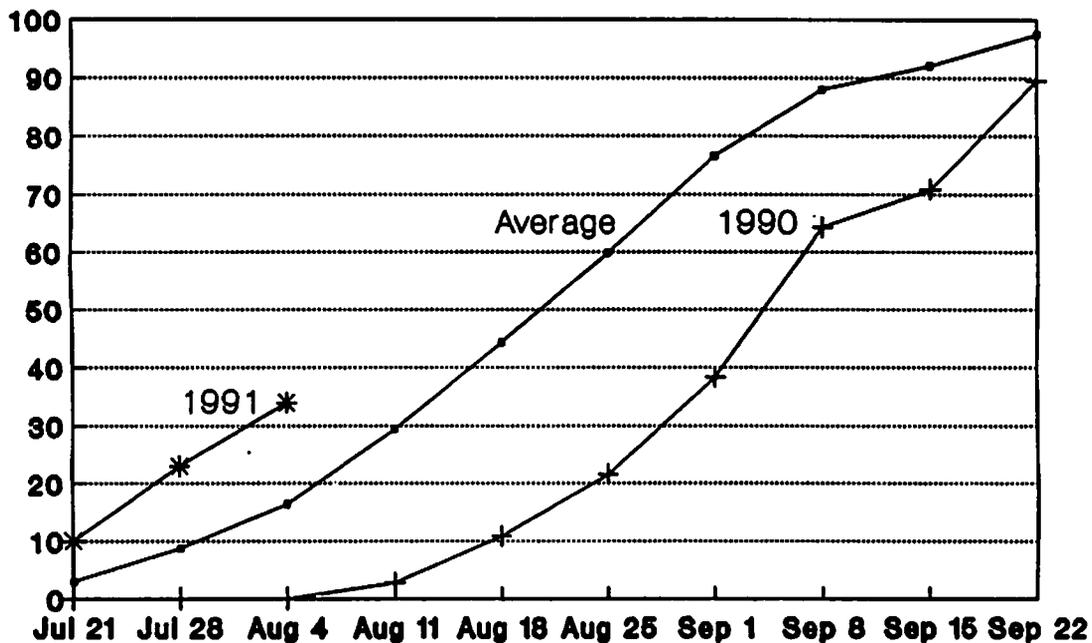
PASTURE condition was rated at 64% of normal as of August 2.

SOIL MOISTURE was reported as 98% short and 2% adequate as of August 2.

ILLINOIS DISTRICT SUMMARY

District	: Corn Acreage : : % Dented :	: Days Suitable : : For Fieldwork :	Soil		
			Moisture	Percent	
			Short	Adequate	Surplus
	: As of August 4	July 27-August 2	As of August 2		
Northwest	: 20	7.0	100	0	0
Northeast	: 15	7.0	100	0	0
West	: 50	7.0	100	0	0
Central	: 45	7.0	100	0	0
East	: 35	7.0	100	0	0
W Southwest	: 40	7.0	85	15	0
E Southeast	: 40	7.0	100	0	0
Southwest	: 40	7.0	100	0	0
Southeast	: 25	7.0	100	0	0
State	: 34	7.0	98	2	0
5-Year Avg.	: 16				

Corn - Percent Dented Illinois



WEATHER

Heat wave conditions late last week ended with passage of a cold front and cooler, Canadian air. Rainfall was mostly on the light side, providing little or no relief for stressed crops, except for cooler temperatures.

Daily high temperatures for the period averaged from the mid 80's North, to around 90 South, which was close to normal to 4 degrees above normal across much of Illinois. Lows averaged from around 60 North, to the 60's over much of Central and Southern Illinois. These readings were mostly around 1 to 3 degrees below normal over the North and South, but close to normal Central. Highest temperatures peaked in the upper 90's and low 100's.

Rainfall totals over much of Illinois averaged around 0.25 inch or less for the seven day period. This was drier than normal by around 0.50 to 0.80 inch.

Soil temperatures at the 4-inch depth under bare ground averaged from around 80 North, to the lower 80's South. Dry weather is forecast for Wednesday through Friday with highs in the 80's and lows mostly in the 60's.

Week ending 8 A.M. Monday August 5, 1991

Location	Temperatures			Precipitation		Growing Degree Days (50F)			
	Maxi-	Mini-	Deapar-	Curr.:	Since:	Departure	Curr.:	Since	Departure
	mum	mum	ture	week	May 1:	since May 1:	week	May 1:	since May 1
ELIZABETH	84	57	-1	0.41	5.50	1/	142	1871	1/
ROCKFORD	86	60	0	0.00	6.37		155	2044	
CHICAGO	86	62	1	0.02	6.13		158	2044	
CHI BOTANICAL	84	60	-2	0.00	5.42		148	1925	
ELWOOD	86	58	0	0.05	4.96		149	2089	
WATSEKA	86	60	-1	0.63	5.98		157	2125	
PERU	86	62	0	0.20	8.92		161	2107	
MOLINE	87	63	0	0.04	5.25		168	2150	
PEORIA	89	63	0	0.16	7.19		174	2197	
KILBOURNE	83	62	-1	0.01	9.36		158	2178	
MONMOUTH	86	65	0	0.06	8.65		175	2103	
QUINCY	87	62	-1	0.08	12.51		168	2250	
PERRY	86	64	0	0.13	9.03		172	2117	
SPRINGFIELD	87	63	0	0.00	9.80		168	2259	
URBANA	90	65	2	0.05	10.59		182	2251	
WINDSOR	90	64	2	0.00	6.88		178	2286	
TERRE HAUTE	90	70	NA	0.22	NA		194	NA	
ST LOUIS	90	64	0	0.10	NA		179	NA	
BELLEVILLE	90	63	0	0.41	9.91		171	2307	
BROWNSTOWN	91	60	-1	0.08	8.95		164	2308	
IUKA	92	62	NA	0.23	5.12		173	2368	
LAWRENCEVILLE	92	62	1	0.16	4.22		173	2317	
VINCENNES	91	64	-1	0.05	NA		178	NA	
DIXON SPRINGS	93	64	0	0.32	3.45		179	2351	
PADUCAH	90	63	0	0.00	6.39		175	2337	
OLIVE BRANCH	92	62	0	0.04	8.50		173	2335	
CARBONDALE	91	66	NA	0.29	5.94		186	2540	
C GIRARDEAU	89	69	NA	0.64	NA		194	NA	

1/ Data not available from Midwest Agricultural Weather Service.

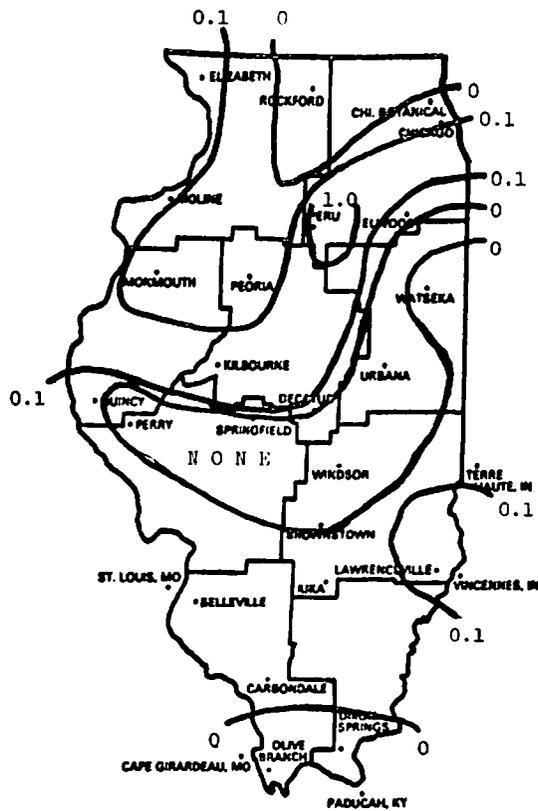
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

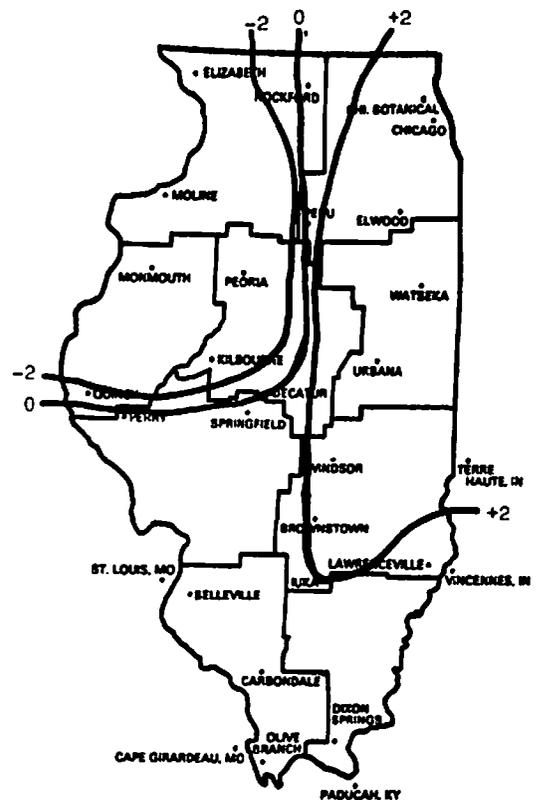
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PRECIPITATION (INCHES)
 JULY 30-AUG. 5, 1991



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) JULY 30-AUG. 5, 1991

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

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