

ILLINOIS WEATHER & CROPS



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U.S. DEPARTMENT OF AGRICULTURE
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CROPS

Crop conditions and soil moisture supplies continued to deteriorate last week due to lack of rainfall. Crop conditions on light or sandy soils appear to be the most adversely affected. Rainfall is needed to fill ears and pods on the early maturing crop. There were a few reports of soybeans aborting pods due to moisture and heat stress. The second cutting of alfalfa was short in many areas and rain is needed to help re-growth for the third cutting. Poor pasture conditions have made it necessary to supplement feed for cattle on pasture. Farmers were spraying crops where insect populations and damage warranted it. Last week, farmers were baling hay, mowing roadsides and waterways, picking peaches, and cleaning out bins. For the week of July 20-26, there was an average of six and three quarter days suitable for fieldwork.

Condition of the CORN crop as of July 26 was reported as 3% excellent, 30% good, 48% fair, 14% poor, and 5% very poor. Seventy-one percent of the crop was in the dough stage by July 28, compared to 10% last year and the five-year average of 36%. Twenty-three percent of the crop was in the dent stage compared to none last year and the average of 9%.

Condition of the SOYBEAN crop as of July 26 was 2% excellent, 45% good, 48% fair, 3% poor, and 2% very poor. As of July 28, 95% of the crop was blooming, compared to 54% last year and the five-year average of 83%. Seventy-six percent of the crop was setting pods, compared to 16% last year and the average of 49%.

By July 28, 99% of the OAT acreage was harvested compared to 46% last year and the average of 78%.

SORGHUM condition, as of July 26, was 9% excellent, 52% good, 37% fair and 2% poor. By July 28, 62% of the crop was heading compared to 7% last year and the average of 47%.

ALFALFA HAY condition, as of July 26, was reported as 2% excellent, 27% good, 32% fair, 33% poor, and 6% very poor. By July 28, cutting of the second crop of alfalfa hay was 99% complete, compared to 75% last year and the average of 88%. Cutting of the third crop of alfalfa hay was 32% complete, compared to none last year and the five-year average of 18%.

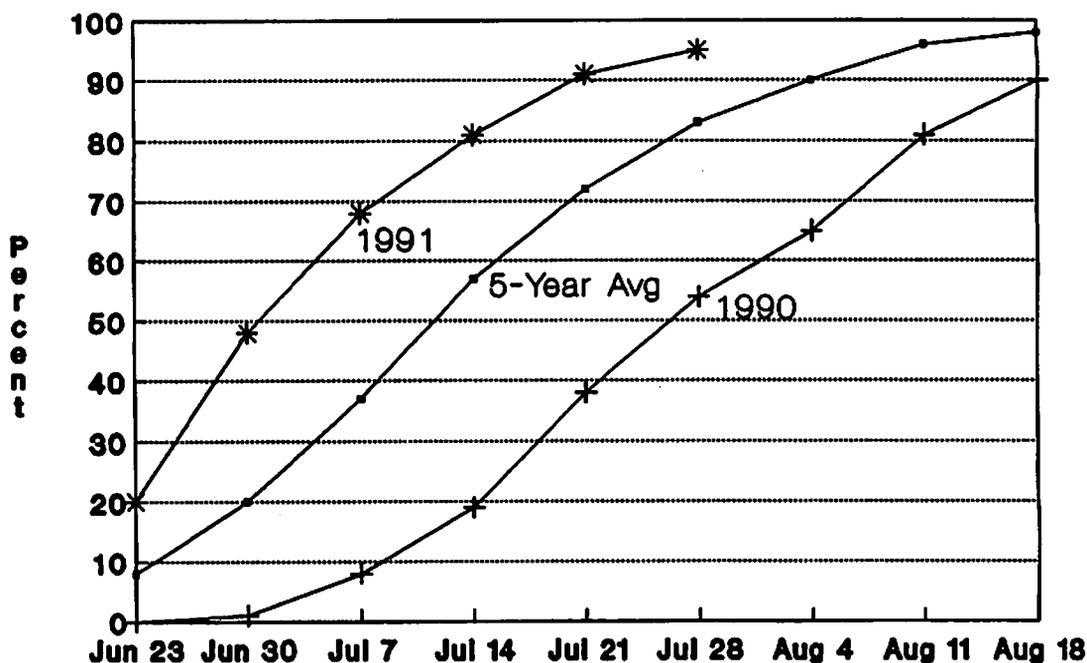
PASTURE condition was rated at 68% of normal as of July 26.

SOIL MOISTURE was reported as 93% short and 7% adequate as of July 26.

ILLINOIS DISTRICT SUMMARY

District	Soybeans % Blooming	Days Suitable For Fieldwork	Soil Moisture Percent		
			Short	Adequate	Surplus
	As of July 28	July 20-26	As of July 26		
Northwest	95	6.5	100	0	0
Northeast	98	6.5	100	0	0
West	95	6.0	100	0	0
Central	98	7.0	100	0	0
East	97	6.5	100	0	0
W Southwest	95	6.0	55	45	0
E Southeast	95	7.0	95	5	0
Southwest	85	7.0	85	15	0
Southeast	95	6.5	100	0	0
State	95	6.75	93	7	0
5-Year Avg.	83				

**Soybeans - Percent of Acreage Blooming
Illinois**



WEATHER

Drought like conditions persisted over parts of Illinois the past seven days. Heat wave conditions were broken early in the period by a shot of cooler Canadian air.

Daily high temperatures ranged from the low and mid 80's North to the mid and upper 80's South. These readings were mostly 1 to 4 degrees below normal except for 4 to 6 degrees below normal West Central. Lows ranged from the mid 50's to around 60 North to the 60's South, which was 1 to 6 degrees below normal Central and North and 1 to 4 degrees below normal South. Early in the period temperatures peaked in the mid 90's to around 100.

Rainfall totals were mostly less than 0.25 inch across the State. Isolated amounts up to 0.50 inch fell with the greatest total of around 3.60 inches in the Northwest at Monmouth. This was around 0.75 to 1.00 inch below normal across much of Illinois.

The extended forecast indicates dry weather for Wednesday through Friday, except for a chance of thunderstorms far North on Friday. Highs may push back into the upper 80's to mid 90's and lows in the 60's to low 70's.

Week ending 8 A.M. Monday, July 29, 1991

Location	Temperatures			Precipitation		Growing Degree Days(50F)		
	: Maxi- : mum	: Mini- : mum	: Depar- : ture	: Curr- : week	: Since : May 1	: Departure : since	: Curr- : week	: Since : May 1
ELIZABETH	79	54	-5	0.01	5.09	1/	108	1729
ROCKFORD	83	57	-2	0.04	6.37		145	1889
CHICAGO	83	61	0	0.48	6.11		152	1886
CHI BOTANICAL	83	60	-3	0.15	5.42		147	1777
ELWOOD	81	56	-4	0.00	4.91		116	1940
WATSEKA	84	58	-2	0.00	5.35		148	1968
PERU	82	56	-5	0.00	8.72		119	1946
MOLINE	85	58	-3	0.16	5.21		150	1982
PEORIA	84	61	-1	0.11	7.03		159	2023
KILBOURNE	85	59	-3	0.27	9.35		154	2020
MONMOUTH	81	60	-4	3.62	8.59		146	1928
QUINCY	81	62	-4	0.10	12.43		152	2082
PERRY	81	57	-7	0.02	8.90		118	1945
SPRINGFIELD	83	60	-4	0.37	9.80		152	2091
URBANA	84	61	-2	0.01	10.54		158	2069
WINDSOR	85	61	-3	0.00	6.88		139	2108
TERRE HAUTE	87	63	0	0.00	NA		172	NA
ST LOUIS	86	67	NA	0.04	NA		184	NA
BELLEVILLE	85	63	-3	0.00	9.50		147	2136
BROWNSTOWN	86	62	-2	0.00	8.87		168	2144
IUKA	87	64	-2	0.00	4.89		174	2195
LAWRENCEVILLE	88	64	NA	0.00	4.06		177	2172
VINCENNES	88	63	0	0.00	NA		177	NA
DIXON SPRINGS	89	66	-1	0.01	3.13		159	2162
PADUCAH	89	65	-2	0.06	6.39		181	2354
OLIVE BRANCH	89	69	0	1.09	8.46		196	2265
CARBONDALE	88	62	-2	0.02	5.65		148	2196
C GIRARDEAU	89	69	NA	0.64	NA		194	NA

1/ Data not available from Midwest Agricultural Weather Service.

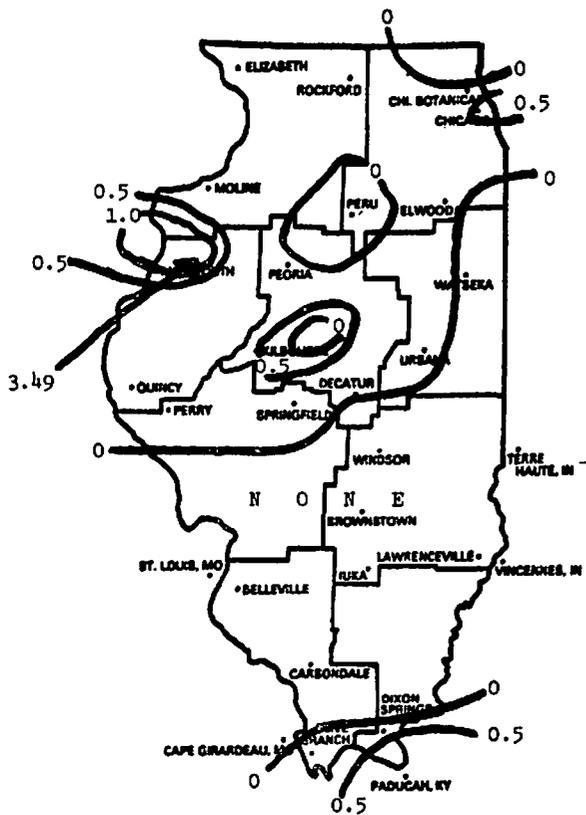
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

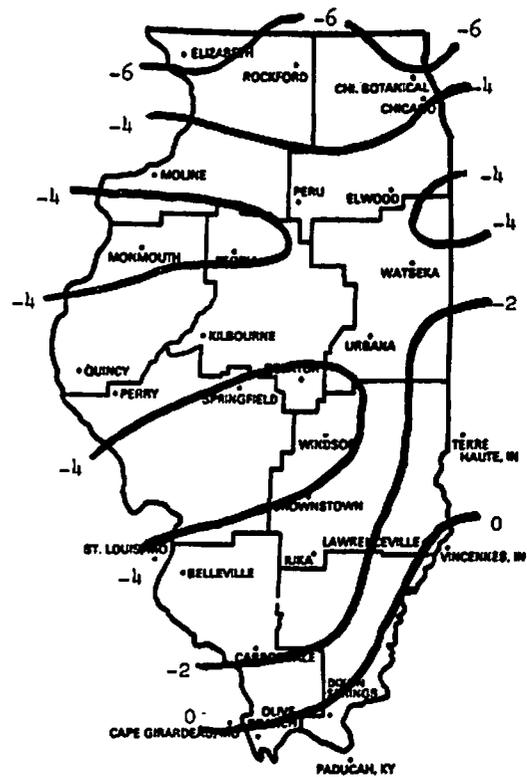
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PRECIPITATION (INCHES)
JULY 23-29, 1991



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JULY 23-29, 1991

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

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