

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

The corn and soybean crops continue to progress a week to ten days ahead of normal. The majority of the State's corn crop has either finished or is entering the critical pollination period. Soil moisture supplies did improve last week, but many still report a shortage of moisture. Producers in south-central Illinois received much needed rainfall last week while producers in other areas remain hopeful for rainfall. In the East District there were several reports of corn beginning to fire at the bottom due to a lack of rainfall over the last month or more. Oat harvest progressed rapidly during the week. There were several reports of potato leaf hopper damage to alfalfa fields. Last week, farmers were scouting fields for pests, cultivating, baling hay, and attending county fairs. For the week of July 6 - 12, there was an average of five days suitable for fieldwork.

Condition of the CORN crop as of July 12 was reported as 7% excellent, 54% good, 30% fair, 4% poor, and 5% very poor. Ninety percent of the crop had silked (tasseled) by July 14, compared to 16% last year and the five-year average of 55%. Twenty-five percent was in the dough stage, compared to 1% last year and the average of 6%.

Condition of the SOYBEAN crop as of July 12 was 6% excellent, 68% good, 25% fair, and 1% poor. By July 14, 81% of the soybean acreage was blooming compared to 19% last year and the average of 57%. Forty-one percent of the crop was setting pods, compared to 2% last year and the average of 17%.

By July 14, WINTER WHEAT harvest was 99% complete, compared to 92% last year and the average of 97%.

OAT condition as of July 12, was reported as 3% excellent, 47% good, 40% fair, and 10% poor. By July 14, 95% of the oat crop was ripe, compared to 26% last year and the five-year average of 60%. Seventy-seven percent of the oat acreage was harvested compared to 8% last year and the average of 28%.

SORGHUM condition, as of July 12, was 10% excellent, 76% good, and 14% fair. By July 14, 26% of the crop was heading compared to none last year and the average of 16%.

ALFALFA HAY condition, as of July 12, was reported as 3% excellent, 48% good, 37% fair, 11% poor, and 1% very poor. By July 14, cutting of the second crop of alfalfa hay was 78% complete, compared to 43% last year and the average of 64%. Cutting of the third crop of alfalfa hay was 10% complete, compared to none last year and the five-year average of less than 1%.

PASTURE condition was rated at 71% of normal as of July 12.

SOIL MOISTURE was reported as 61% short, 35% adequate, and 4% surplus as of July 12.

ILLINOIS DISTRICT SUMMARY

District	Soybeans % Blooming	Corn % Silked	Days Suitable For Fieldwork	Soil Moisture Percent		
				Short	Adq.	Surplus
				As of July 14	July 6-12	As of July 12
Northwest	85	95	6.5	75	25	0
Northeast	85	75	6.0	100	0	0
West	75	90	4.0	80	20	0
Central	90	98	5.0	55	45	0
East	90	95	6.0	85	15	0
W Southwest	75	92	4.0	15	75	10
E Southeast	80	90	5.5	70	30	0
Southwest	70	80	5.0	25	50	25
Southeast	65	70	5.0	40	60	0
State	81	90	5.0	61	35	4
5-Year Avg.	57	55				

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
June	2.58	1.62	1.52	2.18	0.67	1.70	2.25	1.45	2.08	1.78
Departure	-1.80	-2.49	-3.00	-1.86	-3.50	-2.50	-2.01	-2.59	-1.83	-2.40

JUNE WEATHER SUMMARY

Temperatures were above normal and precipitation was below normal in Illinois during June.

The average temperature departure for the State was 3.5 degrees above normal. Above normal readings were recorded throughout the month with only minor cool periods. During the first week below normal readings sent lows into the 50's. A very warm period at the end of the month sent highs into the upper 90's. Several stations recorded maximum readings of 97 degrees. Rockford (in the Northwest District) recorded the lowest temperature, 50 degrees on the 7th.

The average precipitation for the State was 2.40 inches below normal. The East District recorded the least average precipitation with less than 1 inch (3.5 inches below normal). The greatest rainfall fell in the Northwest District (1.80 inches below normal). The outlook for the remainder of July is for temperatures to be above normal and precipitation to be near normal.

The 90-day outlook for Illinois from July through September is for above normal temperatures and near normal precipitation.

WEATHER

A frontal system stalled over the State and waves of low pressure brought scattered showers and strong thunderstorms. Clouds kept average temperatures below normal for the afternoon hours.

Daily high temperatures averaged from the lower 80's North to the mid and upper 80's South. These readings were mostly 1 to 4 degrees below normal over the South and North, and 2 to 6 degrees below normal Central. Lows averaged from the low 60's North, to the mid 60's to around 70 South. This was close to normal Central and South and 1 to 2 degrees below normal over the North.

Rainfall totals were mostly less than 0.20 inch over the North, but varied considerably Central and South with several locations receiving 1 to 4 inches. Amounts were drier than normal over much of the North by 0.50 to 1 inch, but wetter than normal by over 1 inch parts of the Central and South.

The extended forecast indicates dry, hot weather for Wednesday through Friday with highs in the low to mid 90's possible and lows in the mid 60's to lower 70's.

Week ending 8 A.M. Monday, July 15, 1991

Location	Temperatures			Precipitation		Growing Degree Days (50F)		
	Maxi- : num	Mini- : num	Deapar- : ture	Curr- : week	Since : May 1	Departure : since May 1	Curr- : week	Since : May 1
ELIZABETH	82	58	-1	0.00	4.98	1/	146	1442
ROCKFORD	83	60	0	0.01	6.31		158	1553
CHICAGO	82	62	0	0.00	5.47		159	1531
CHI BOTANICAL	81	62	-3	0.02	4.93		152	1435
ELWOOD	82	61	-1	0.10	4.82		156	1636
WATSEKA	80	61	-2	0.61	5.35		151	1640
PERU	82	61	-2	1.63	8.66		153	1632
MOLINE	83	62	-1	0.18	5.05		160	1632
PEORIA	82	65	-1	0.19	6.92		166	1672
KILBOURNE	83	64	-2	3.20	9.08		170	1678
MONMOUTH	80	63	-2	0.56	4.97		156	1593
QUINCY	80	67	-2	2.73	12.33		170	1730
PERRY	82	62	-4	3.28	8.88		159	1638
SPRINGFIELD	83	64	-2	2.69	9.43		168	1742
URBANA	82	64	-1	1.69	10.53		167	1721
WINDSOR	84	67	0	0.59	6.88		180	1783
TERRE HAUTE	84	64	-1	0.60	NA		172	NA
ST LOUIS	89	70	NA	4.15	NA		202	NA
BELLEVILLE	88	67	0	4.26	9.50		191	1806
BROWNSTOWN	85	65	0	1.26	8.87		177	1787
IUKA	85	67	-1	0.87	4.89		183	1833
LAWRENCEVILLE	86	68	NA	1.06	4.06		189	1804
VINCENNES	86	65	-1	0.72	NA		177	NA
DIXON SPRINGS	89	69	0	0.84	3.12		197	1808
PADUCAH	92	71	2	2.70	6.33		204	1972
OLIVE BRANCH	89	71	2	0.78	7.37		200	1879
CARBONDALE	87	67	0	0.38	5.63		186	1854
C GIRARDEAU	91	72	NA	1.03	NA		205	NA

1/ Data not available from Midwest Agricultural Weather Service.

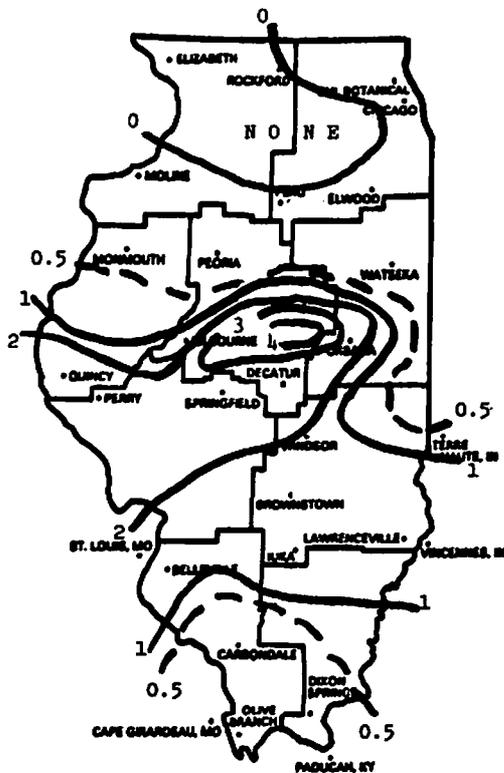
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

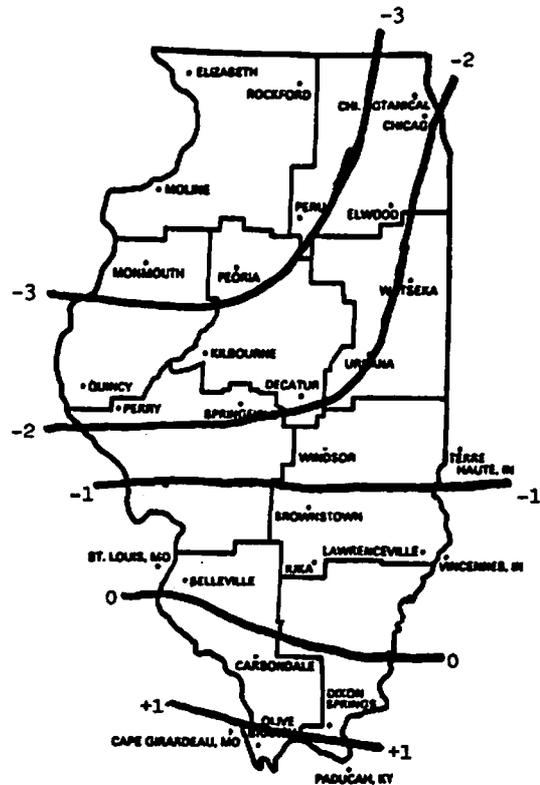
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PRECIPITATION (INCHES)
JULY 9-15, 1991



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JULY 9-15, 1991

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

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