

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

Near normal temperatures and additional rainfall helped to improve the condition of most crops for the second straight week. Most of the State received up to one inch with a few places receiving two to four inches. Rain has eased the stress on crops over most of the State, but some areas, particularly in the Northwestern quarter of the State, are still reporting dry conditions. Oat harvest progressed rapidly. Early apples are reported to be ripening nicely. Last week farmers were harvesting oats, baling hay, mowing set aside acres, spraying for grasshoppers, attending county fairs, and doing farm chores. There was an average of five and one-quarter days suitable for field work for the week of July 22 - 28.

Condition of the **CORN** crop on July 28 was reported as 16% excellent, 68% good, and 16% fair. Ninety-three percent of the crop had silked (tasseled) by July 30, compared to 97% last year and the 5-year average (1984-88) of 96%. Twenty-eight percent was in the dough stage, compared to 34% last year and the average of 46%.

On July 30, 87% of the **SOYBEAN** crop was blooming, compared to 92% last year and the average of 90%. Fifty percent was setting pods, compared to 60% last year and the average of 59%. Condition of the crop by July 28 was 11% excellent, 79% good, and 10% fair.

Eighty-five percent of the **OAT** crop was harvested by July 30, compared to 89% last year and the average of 85%.

Condition of **SORGHUM** by July 28 was reported as 7% excellent, 86% good, and 7% fair. By July 30, 52% of the crop was heading, compared to 51% last year.

Cutting of the third crop of **ALFALFA HAY** was 21% complete by July 30, compared to 29% last year and the average of 23%. Condition of the crop by July 28, was reported as 7% excellent, 62% good, 28% fair, and 3% poor.

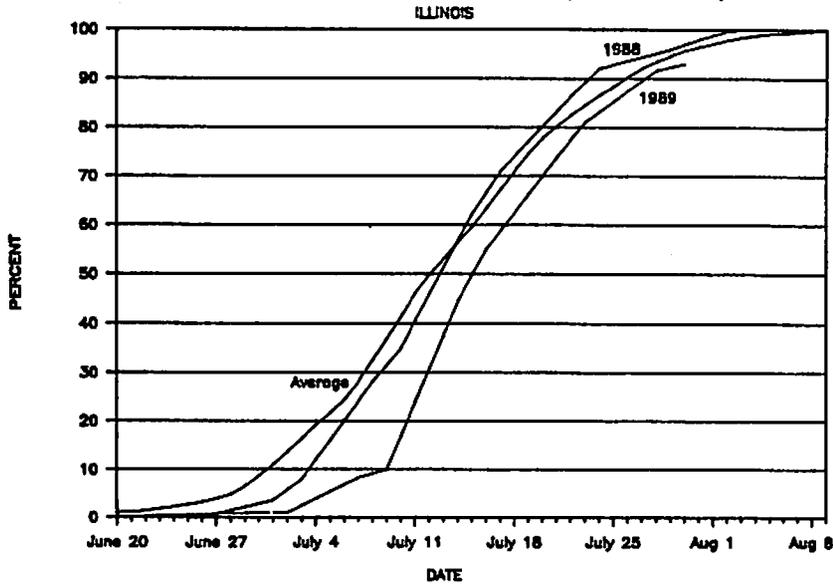
PASTURE condition, as of July 28, was reported as 8% excellent, 33% good, 44% fair, 14% poor and 1% very poor.

SOIL MOISTURE, as of July 28, was reported as 43% short, 56% adequate, and 1% surplus.

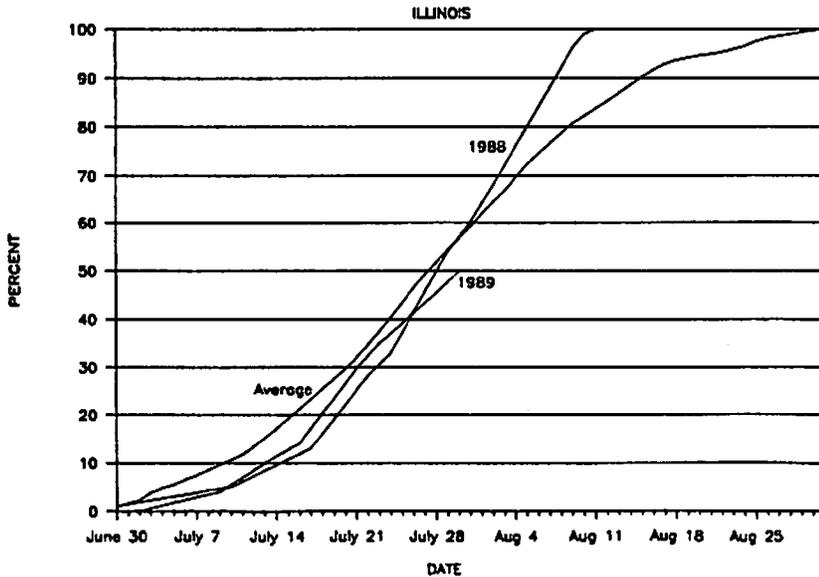
ILLINOIS DISTRICT SUMMARY

District	Soybeans % Blooming	Corn % Silked	Days Suitable For Fieldwork	Soil Moisture Percent		
				Short	Adq.	Surplus
	As of July 30		As of July 28			
Northwest	85	92	5.5	80	20	0
Northeast	75	88	5.5	25	75	0
West	90	93	6.0	85	15	0
Central	93	95	4.5	50	50	0
East	95	95	5.0	30	65	5
W Southwest	88	96	4.0	20	80	0
E Southeast	85	90	5.0	35	65	0
Southwest	85	97	5.0	15	85	0
Southeast	85	93	7.0	45	55	0
State	87	93	5.25	43	56	1
5-Year Avg.	90	96				

CORN — ACREAGE SILKED (TASSELED)



SOYBEANS SETTING PODS



WEATHER

AVERAGE HIGH TEMPERATURES FROM THE LOW 80'S NORTH TO AROUND 90 DEGREES IN THE SOUTH FELL WITHIN A DEGREE OF NORMAL IN MOST AREAS. WARMEST DAYS PRODUCED READINGS FROM 90 TO 95 DEGREES IN MOST RURAL AREAS.

LOWS AVERAGED FROM MID 60'S TO AROUND 70 DEGREES AND WERE ONE TO FOUR DEGREES ABOVE NORMAL. TEMPERATURES ON THE COOLEST MORNINGS RANGED FROM 55 AT SOME NORTHERN LOCATIONS TO NEAR 70 IN THE SOUTH.

THESE TEMPERATURES COMBINED TO PRODUCE BASE 50 GROWING DEGREE DAY ACCUMULATIONS THAT RANGED FROM AROUND 170 IN THE NORTH TO AROUND 200 IN THE EXTREME SOUTH. THAT IS ONLY SLIGHTLY ABOVE NORMAL. SEASONS TOTALS, FROM THE FIRST OF MAY, NOW RANGE FROM AROUND 1600 AT THE LEAST TO AROUND 2000 AT THE TOP END OF THE RANGE.

ALTHOUGH RAIN TOTALS EXCEEDED TWO INCHES AT SEVERAL LOCATIONS, IT WAS SPOTTY. SEVEN DAY TOTALS OF UNDER A TENTH OF AN INCH WERE REPORTED AT MOLINE AND URBANA. NEARLY HALF OF THE STATIONS REPORTED LESS THAN A HALF INCH OF RAIN.

THE PERIOD FROM AUGUST 2 THRU AUGUST 5 IS EXPECTED TO BE HOT AND HUMID WITH HIGH TEMPERATURES INTO THE 90'S ACROSS THE STATE THURSDAY AND FRIDAY. LOWS SHOULD BE MOSTLY IN THE 70'S. PROSPECTS FOR PRECIPITATION WILL BE GREATEST TOWARD THE END OF THE WEEK.

Week ending 8 A.M. Monday, July 31, 1989

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	Departure since May 1
ELIZABETH	83	63	1	2.45	9.59	-2.89	164	1527	-60
ROCKFORD	83	66	1	4.40	13.01	0.13	173	1680	87
CHICAGO	84	67	2	1.99	9.49	-1.45	177	1650	76
CHI BOTANICAL	81	67	-1	0.95	9.20	-2.28	168	1471	-252
ELWOOD	84	64	0	0.47	13.36	1.19	170	1664	48
WATSEKA	86	65	2	0.73	11.19	-2.09	178	1672	-66
PERU	84	69	2	0.27	8.35	-3.57	189	1757	-38
MOLINE	86	67	2	0.05	9.83	-3.53	187	1759	-1
PEORIA	86	67	1	0.11	5.69	-6.01	188	1773	-2
KILBOURNE	86	66	0	0.21	6.30	-5.88	184	1813	-63
MONMOUTH	84	65	0	0.61	9.64	-2.48	177	1674	-131
QUINCY	88	70	2	0.92	5.83	-6.86	198	1853	-30
PERRY	87	66	0	2.68	12.75	0.83	187	1751	-174
SPRINGFIELD	85	68	1	0.27	7.93	-2.71	192	1799	-119
URBANA	86	67	1	0.00	8.59	-3.29	186	1792	-32
WINDSOR	88	68	2	0.62	7.45	-5.10	195	1820	-97
TERRE HAUTE	87	68	2	0.36	13.72	1.59	163	1774	-27
ST LOUIS	89	72	NA	2.12	9.89	NA	208	2097	NA
BELLEVILLE	90	67	1	0.40	11.09	-0.11	191	1860	-131
BROWNSTOWN	89	68	2	0.61	9.92	-2.60	195	1826	-101
IUKA	90	65	0	1.02	10.49	-1.08	184	1737	-264
LAWRENCEVILLE	88	67	NA	1.72	14.63	NA	189	1792	NA
VINCENNES	90	70	3	0.10	15.24	3.04	114	1791	-70
DIXON SPRINGS	90	69	0	0.92	9.05	-3.15	197	1985	-114
PADUCAH	92	71	2	2.74	18.46	5.75	206	2069	-45
OLIVE BRANCH	90	71	2	0.31	10.01	-2.70	203	1930	-108
CARBONDALE	91	68	1	0.24	9.93	-2.32	193	1875	-148
C GIRARDEAU	91	72	NA	2.01	15.98	NA	208	2102	NA

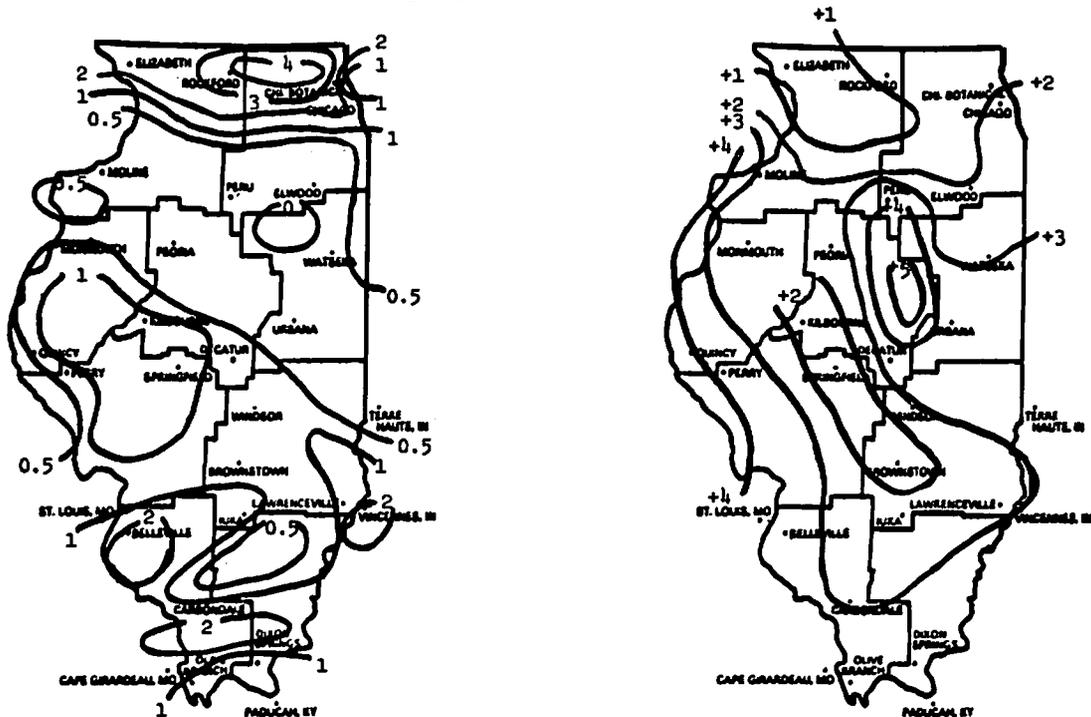
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PRECIPITATION (INCHES)
JULY 25-31, 1989

TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JULY 25-31, 1989

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