

ILLINOIS WEATHER & CROPS



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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

Cooler temperatures and much-needed rain improved the condition of most crops over most of the State for the week ending July 21. Most of the State, except for parts of extreme southern Illinois, received an inch or more of precipitation, a welcome relief for nearly all crops. There were reports of some oats being flattened from high winds and hail in the Northern districts. Leafhoppers are being reported in alfalfa in the West-Southwest and East-Southeast Districts. Harvesting of tomatoes, peppers, and peaches was in full swing. Last week farmers were harvesting oats, walking beans, baling hay, attending county fairs and doing farm chores. There was an average of four and one-quarter days suitable for field work for the week of July 15 - 21.

Condition of the CORN crop on July 21 was reported as 9% excellent, 61% good, 28% fair and 2% poor. Eighty-one percent of the crop had silked (tasseled) by July 23, compared to 89% last year and the 5-year average (1984-88) of 85%. Fifteen percent was in the dough stage, compared to 17% last year and the average of 25%.

On July 23, 77% of the SOYBEAN crop was blooming, compared to 84% last year and the average of 79%. Thirty-five percent was setting pods, compared to 31% last year and the average of 37%. Condition of the crop by July 21 was 5% excellent, 79% good, and 16% fair.

By July 23, 99% of the WINTER WHEAT acreage was harvested, compared to 100% for both last year and the average.

OAT condition by July 21 was reported as 18% excellent, 74% good, and 8% fair. Ninety percent of the crop was ripe by July 23 compared to 92% last year and the average of 95%. Fifty-five percent of the crop was harvested, compared to 67% last year and the average of 66%.

Condition of SORGHUM by July 21 was reported as 12% excellent, 75% good, and 13% fair. By July 23, 22% of the crop was heading, compared to 18% last year.

Cutting of the second crop of ALFALFA HAY was 88% complete by July 23, compared to 90% last year and the average of 82%. Cutting of the third crop was 7% complete, compared to 18% last year and the average of 12%. Condition of the crop by July 21, was reported as 4% excellent, 45% good, 47% fair, and 4% poor.

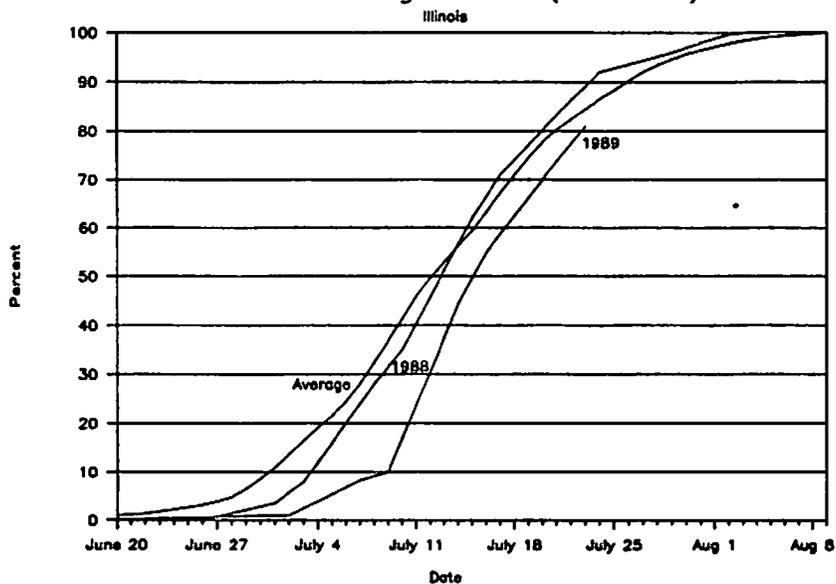
PASTURE condition, as of July 21, was reported as 5% excellent, 28% good, 42% fair, 22% poor and 3% very poor.

SOIL MOISTURE, as of July 21, was reported as 57% short, 38% adequate, and 5% surplus.

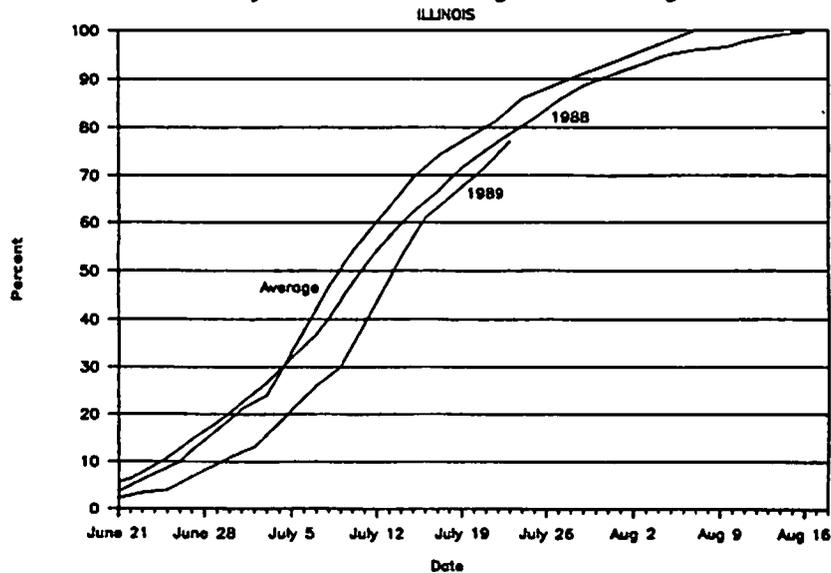
ILLINOIS DISTRICT SUMMARY

District	Soybeans % Blooming	Corn % Silked	Days	Soil		
			Suitable For Fieldwork	Moisture	Adq.	Surplus
	As of July 23		As of July 21			
Northwest	70	70	4.0	95	5	0
Northeast	65	60	3.0	30	65	5
West	85	88	4.5	75	25	0
Central	90	90	3.5	75	25	0
East	90	85	3.5	35	55	10
W Southwest	75	90	4.5	95	5	0
E Southeast	70	80	4.5	40	45	15
Southwest	75	95	5.0	30	65	5
Southeast	70	90	4.5	35	50	15
State	77	81	4.25	57	38	5
5-Year Avg.	79	85				

Corn - Acreage Silked (Tasseled)



Soybeans - Acreage Blooming



WEATHER

SOME WELCOME RAINS CAME TO ILLINOIS AS A SLOW MOVING LOW PRESSURE SYSTEM SPAWNED SHOWERS AND THUNDERSTORMS DURING THE WEEK. SCATTERED THUNDERSTORMS PERSISTED OVER THE WEEKEND AS HIGH PRESSURE OVER THE SOUTHEAST U.S. PUMPED WARM AND HUMID AIR INTO THE STATE. MANY AREAS OF NORTHERN AND CENTRAL ILLINOIS RECEIVED OVER AN INCH OF RAIN DURING THE WEEK WITH SOME SPOTS SEEING SEVERAL INCHES IN A MATTER OF DAYS FROM STRONG OR SEVERE STORMS.

THE WEEK AVERAGED 2 TO 4 DEGREES COOLER THAN USUAL ALTHOUGH HUMID CONDITIONS KEPT IT FEELING WARMER. DAYTIME HIGHS AVERAGED IN THE UPPER 70'S NORTH TO LOWER 80'S SOUTH WHILE OVERNIGHT LOWS AVERAGED IN THE LOW AND MID 60'S. BASE 50 GROWING DEGREE-DAY TOTALS WERE GENERALLY BETWEEN 145 AND 160 UNITS.

THE 3 TO 5 DAY FORECAST FOR ILLINOIS OFFERS HOPE OF SOME RELIEF FROM THE WARM AND HUMID CONDITIONS AS A COOL FRONT MAY APPROACH FROM THE NORTHWEST. HIGHS IN THE UPPER 80'S NORTH TO LOWER 90'S SOUTH THROUGH WEDNESDAY, THEN SHOULD BE IN THE LOW TO UPPER 80'S THROUGH FRIDAY. OVERNIGHT LOWS WILL BE MOSTLY IN THE 60'S TO LOWER 70'S. THERE IS A CHANCE OF THUNDERSTORMS MAINLY THURSDAY AND FRIDAY.

Week ending 8 A.M. Monday, July 24, 1989

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi- mum	Mini- mum	Depart- ture	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	79	60	-2	2.10	7.14	-4.42	143	1363	-70
ROCKFORD	78	63	-2	2.09	8.61	-3.31	150	1506	74
CHICAGO	79	63	-1	3.35	7.50	-2.64	153	1473	60
CHI BOTANICAL	77	63	-4	2.97	8.25	-2.32	144	1303	-245
ELWOOD	79	63	-2	3.81	12.89	1.62	153	1494	39
WATSEKA	79	64	-2	2.64	10.46	-1.88	157	1493	-77
PERU	79	64	-3	3.46	8.08	-2.97	157	1568	-52
MOLINE	81	64	-1	1.40	9.78	-2.55	163	1572	-13
PEORIA	79	63	-3	2.04	5.58	-5.26	151	1585	-15
KILBOURNE	79	63	-5	1.58	5.93	-5.37	153	1596	-104
MONMOUTH	80	63	-3	1.66	9.03	-2.15	155	1497	-133
QUINCY	81	65	-3	1.05	4.91	-6.82	165	1655	-46
PERRY	80	61	-5	2.78	10.07	-0.96	151	1564	-179
SPRINGFIELD	80	65	-3	2.42	7.66	-2.21	161	1607	-130
URBANA	80	63	-3	1.74	8.59	-2.33	155	1606	-43
WINDSOR	81	63	-3	0.63	6.83	-4.83	159	1625	-110
TERRE HAUTE	81	62	-3	2.00	13.00	1.92	113	1557	-45
ST LOUIS	80	67	NA	1.35	7.77	NA	172	1889	NA
BELLEVILLE	80	66	-4	1.14	10.69	0.23	167	1669	-140
BROWNSTOWN	80	60	-6	1.64	9.31	-2.34	146	1631	-118
IUKA	80	60	-7	0.29	9.47	-1.36	147	1553	-266
LAWRENCEVILLE	81	62	NA	2.12	12.91	NA	157	1603	NA
VINCENNES	82	62	-4	2.03	14.85	3.51	112	1623	-82
DIXON SPRINGS	82	64	-5	0.11	8.13	-3.24	168	1788	-126
PADUCAH	83	66	-4	0.42	15.72	3.85	177	1863	-62
OLIVE BRANCH	81	63	-5	0.01	9.70	-2.10	163	1727	-122
CARBONDALE	82	62	-5	0.55	9.69	-1.67	160	1682	-159
C GIRARDEAU	82	68	NA	0.24	13.97	NA	178	1893	NA

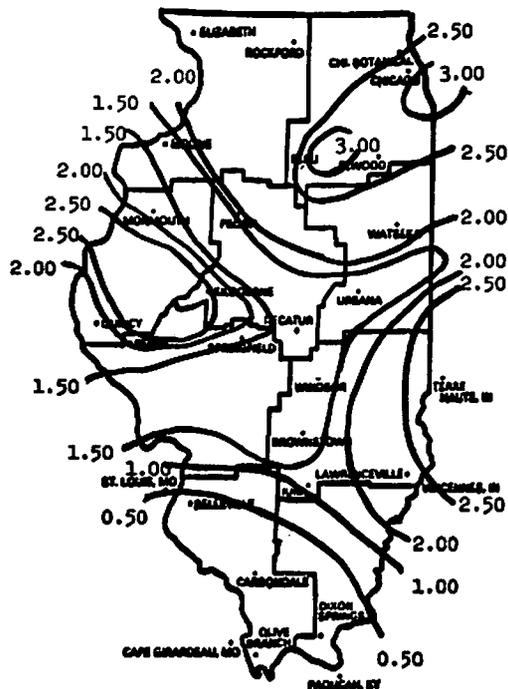
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

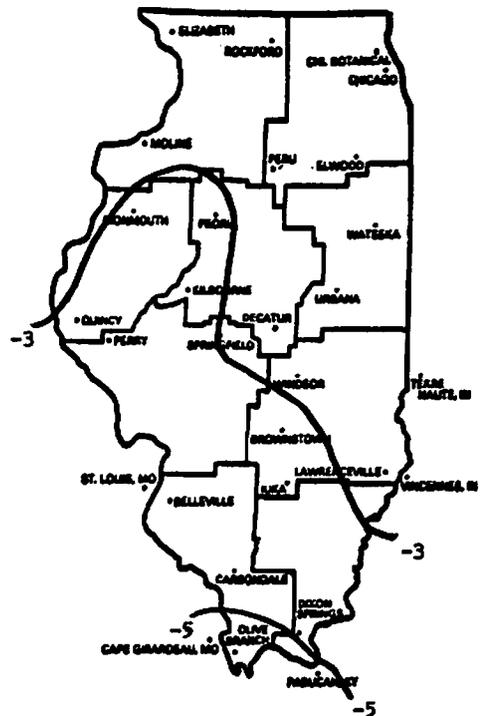
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PRECIPITATION (INCHES)
 JULY 18-24, 1989



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) JULY 18-24, 1989

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