

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

Box 19283, Springfield, IL 62794-9283

Phone: (217) 492-4295

**U. S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**

RELEASED: JULY 25, 1988, 3 P.M., CDT

VOL. 9, NO. 19



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

Midwest Agricultural
Weather Service Center
Purdue University
West Lafayette, Indiana 47907
Phone: (317) 743-2272



CROPS

Condition of crops improved slightly this week, aided by beneficial rains throughout the southern half and northern quarter of Illinois last week. Central areas of the State received little or no rainfall and dried-out soils continue to cause severe stress on crops. Last week farmers were busy baling hay and set-aside acres, harvesting oats, baling straw, spraying spider mites and rootworm beetles, walking beans, detasseling corn, hauling water, harvesting early peaches and apples and caring for livestock. There was an average of five and one-quarter days suitable for fieldwork last week with the northern half of the State most active. The East District and all four southern districts reported percentages of adequate soil moisture and the Southeast District reported 100% adequate soil moisture.

Condition of the **CORN** crop on July 22 was reported as 2% good, 42% fair, 46% poor, and 10% very poor. By July 24, 92% of the acreage was silked (tasseled) compared to 93% last year and the 5-year average (1983-87) of 80%. Nineteen percent of the crop was in the dough stage compared to 57% last year and the average of 26%.

By July 24, 86% of the **SOYBEAN** crop was blooming, compared to 94% last year and the average of 77%. Thirty-three percent of the crop was setting pods compared to 68% last year and the average of 30%. Condition of the crop by July 22 was 12% good, 73% fair, 14% poor, and 1% very poor. Spider mites continue to damage soybeans, causing producers to repeatedly apply insecticides.

By July 24, 98% of the **OAT** acreage was ripe compared to 100% last year and the average of 91%. Seventy percent of the acreage was harvested compared to 90% last year and the average of 66%.

Condition of the **SORGHUM** crop on July 22 was reported as 18% good, 72% fair, and 10% poor. Twenty percent of the sorghum acreage was headed compared to 77% last year.

By July 24, cutting of the second crop of **ALFALFA HAY** was 91% complete, compared to 91% last year and the average of 82%. Condition of the crop on July 22 was reported as 7% good, 49% fair, 40% poor, and 4% very poor.

HAY supplies on July 22 were reported as 22% very short, 59% short, and 19% adequate.

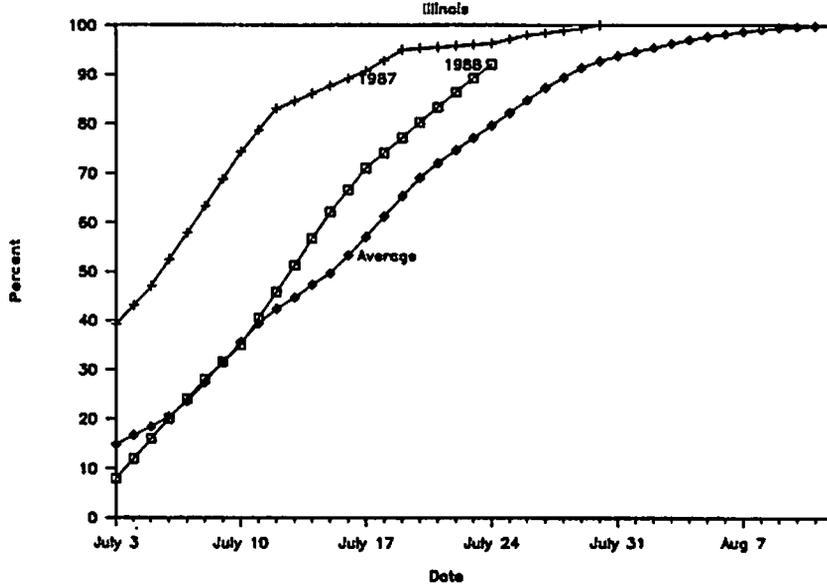
PASTURE condition, as of July 22, was rated as 9% fair, 42% poor, and 49% very poor.

SOIL MOISTURE on July 22 was reported as 79% short and 21% adequate.

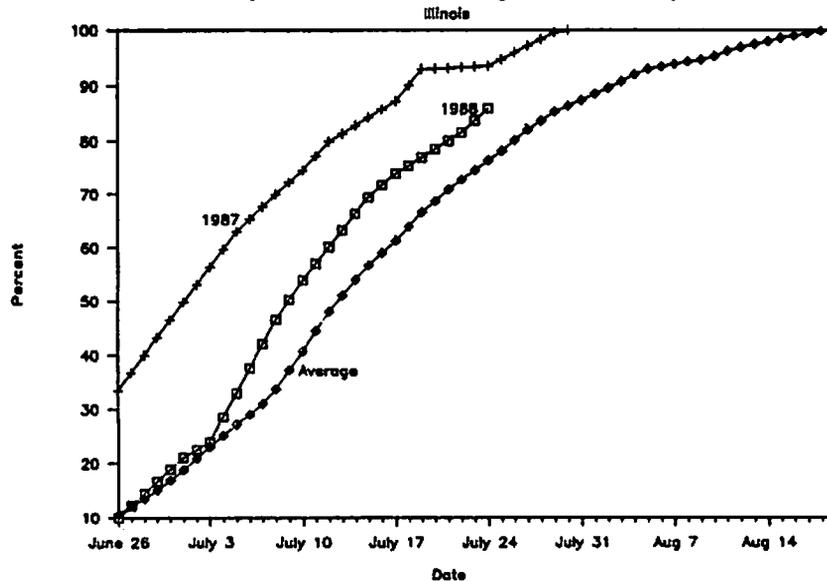
ILLINOIS DISTRICT SUMMARY

District :	Corn % silking (tasseling):	Soybeans : percent : blooming :	Days : suitable for : fieldwork :	Soil moisture percent Short :Adequate: Surplus
	As of July 24		- - - - -	As of July 22 - - - - -
NW :	90	85	6.5	100 0 0
NE :	85	80	5.5	100 0 0
W :	95	91	6.0	100 0 0
C :	95	90	7.0	100 0 0
E :	95	94	5.0	90 10 0
WSW :	95	94	6.0	85 15 0
ESE :	90	80	3.5	65 35 0
SW :	92	70	4.0	65 35 0
SE :	85	80	3.5	0 100 0
State :	92	86	5.25	79 21 0
5-Yr.Avg.:	80	77		

Corn - Acreage Silked (Tasseled)



Soybeans - Acreage Blooming



WEATHER

THE WEEK ENDING JULY 25 BROUGHT SOME WELCOME RELIEF TO SOME PARTS OF NORTHWEST AND SOUTHERN ILLINOIS BUT THE DRIEST PARTS OF THE STATE IN THE WEST-CENTRAL AND CENTRAL SECTORS REMAINED DRY. RAIN TOTALS VARIED FROM AS LITTLE AS ONE-HUNDREDTH OF AN INCH AT QUINCY TO BETWEEN TWO AND THREE INCHES ALONG A LINE FROM ST. LOUIS TO TERRE HAUTE. IN GENERAL THE RAIN COVERAGE WAS GOOD THROUGHOUT THE SOUTHERN THIRD WHERE THE LOWEST TOTALS WERE STILL BETTER THAN A HALF INCH. ELSEWHERE, THE COVERAGE WAS MORE SPOTTY.

TEMPERATURES WERE MODERATE AND WEEKLY AVERAGES WERE EVEN A COUPLE OF DEGREES BELOW NORMAL. HIGHEST READINGS FOR THE WEEK WERE UPPER 80'S TO LOW 90'S. LOWEST RANGED THROUGH THE 50'S. IN THE WEEK AHEAD EXTREME TEMPERATURES ARE NOT LIKELY BUT HIGHER HUMIDITY LEVELS SHOULD KEEP MINIMUMS ELEVATED MOSTLY IN THE 60'S. HIGHS IN THE 80'S EARLY IN THE WEEK WILL GIVE WAY TO UPPER 80'S AND LOWER 90'S AGAIN BY THE END OF THE WEEK.

RAIN CHANCES AFTER TUESDAY WILL BE SMALL THOUGH HUMIDITY LEVELS WILL BE CREEPING UPWARD AGAIN DURING THE LATTER HALF OF THE WEEK.

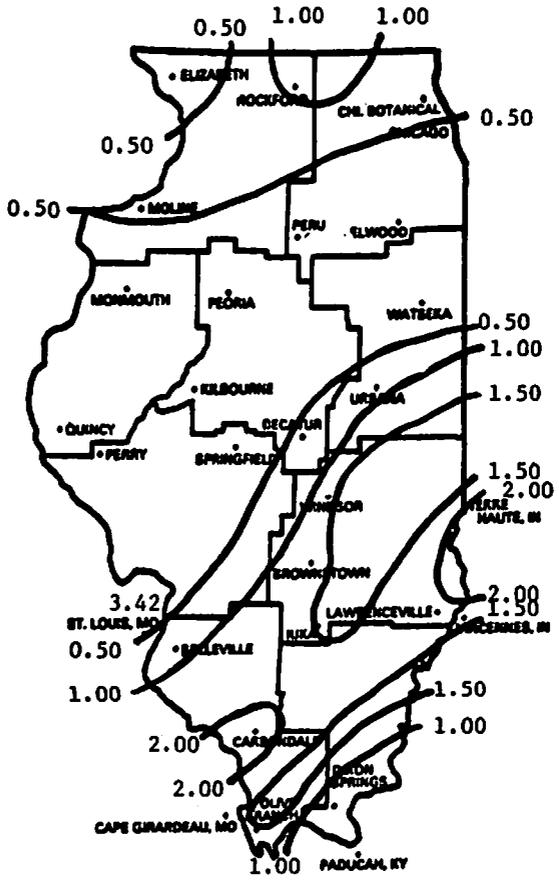
Week ending 8 A.M. Monday, July 25, 1988

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi- : mum	Mini- : mum	Deapar- : ture	Curr.: : week	Since: : May 1:	Departure : since : May 1:	Curr.: : week	Since: : May 1:	Departure : since : May 1:
ELIZABETH	85	58	0	0.32	4.04	-7.65	151	1595	139
ROCKFORD	85	62	0	1.12	3.95	-8.11	167	1736	281
CHICAGO	82	64	0	0.48	3.46	-6.80	163	1695	259
CHI BOTANICAL	79	62	-4	0.88	5.96	-4.74	150	1521	-52
ELWOOD	86	62	0	0.38	2.88	-8.52	167	1742	264
WATSEKA	86	60	0	0.41	5.18	-7.30	161	1702	107
PERU	86	59	-2	0.60	3.21	-7.84	158	1748	124
MOLINE	87	62	0	0.58	4.73	-7.76	171	1830	220
PEORIA	87	63	0	0.05	2.37	-8.60	170	1837	211
KILBOURNE	87	62	-1	0.15	3.01	-8.41	170	1832	106
MONMOUTH	86	59	-2	0.05	3.17	-8.01	158	1736	105
QUINCY	87	63	-1	0.01	4.09	-7.78	172	1844	116
PERRY	86	59	-3	0.04	6.40	-4.76	159	1778	8
SPRINGFIELD	86	63	-1	0.19	2.64	-7.34	173	1890	127
DECATUR	85	62	-2	0.94	3.42	-8.56	168	1852	93
URBANA	85	64	0	0.63	3.07	-7.99	173	1871	196
WINDSOR	86	65	0	1.64	4.27	-7.52	177	1895	133
TERRE HAUTE	83	63	-2	2.46	8.04	-3.57	166	1773	86
ST. LOUIS	86	69	NA	3.42	6.99	NA	191	2106	NA
BELLEVILLE	86	62	-3	0.90	5.52	-5.05	171	1876	41
BROWNSTOWN	85	62	-2	1.35	4.39	-7.38	168	1821	45
IUKA	85	61	-4	1.51	10.23	-0.71	167	1778	-66
LAWRENCEVILLE	85	63	NA	2.09	5.55	NA	172	1840	NA
VINCENNES	84	64	-2	1.93	5.04	-6.73	172	1853	69
DIXON SPRINGS	87	66	-2	0.58	4.87	-6.62	185	1872	-68
PADUCAH	89	67	-1	0.52	5.59	-6.40	190	1969	16
OLIVE BRANCH	86	65	-2	1.77	5.89	-6.17	181	1856	-43
CARBONDALE	86	65	-2	2.05	6.50	-4.98	181	1849	-17
C GIRARDEAU	87	68	NA	1.21	7.03	NA	193	1999	NA

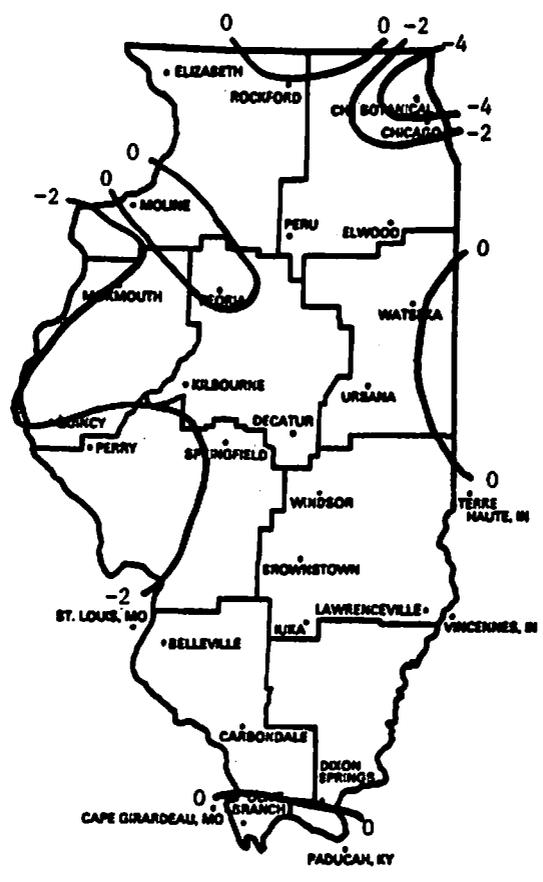
NEWSPAPER TIME VALUE

Illinois Weather & Crops
 July 25, 1988

Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semiweekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 54, Department of Agriculture Bldg., 801 Sangamon Ave., Springfield, IL 62702. For information on subscribing, send request to the above address. Second-class postage paid at Springfield, Illinois. Postmaster: Send Address Change to Illinois Weather & Crops, P.O. Box 19283, Springfield, IL 62794-9283.



PRECIPITATION (INCHES)
 JULY 19-25, 1988



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) JULY 19-25, 1988

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.