

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**



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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



RELEASED: JULY 27, 1987, 3 P.M., CDT

VOL. 8, NO. 19

CROPS

Most crop conditions in Illinois this past week deteriorated due to the hot and dry weather throughout the State. Crop conditions in southern areas of the State are slightly better than northern Illinois. No district reported a surplus of soil moisture. Soil moisture generally improves from the northern districts to the southern districts, with moisture supplies still mostly adequate in southern Illinois. Pastures appear to have suffered most from the weather as their condition has declined considerably. Corn and soybeans continue to be progressing ahead of average. The weather has enabled the second and third cuttings of alfalfa to be harvested earlier than normal. Farmers have been baling hay, harvesting oats, mowing set-aside acreage, ditches, and fence lines and spraying for insects. For the week of July 18-24, there was an average of six and three-quarter days reported as suitable for fieldwork.

On July 26, 98% of the **CORN** acreage was silked (tasseled) compared to 95% last year and the 5-year average (1982-86) of 83%. Sixty-five percent of the corn was in the dough stage compared to 42% last year and the average of 24%. Fifteen percent of the corn was in the dent stage compared to 8% last year and the average of 3%. Condition of the corn crop on July 24 was reported to be 23% excellent, 55% good, 19% fair and 3% poor.

On July 26, 96% of the **SOYBEAN** crop was blooming compared to 87% last year and the average of 77%. Seventy-three percent of the soybeans were setting pods compared to 52% last year and the average of 36%. Condition of the soybean crop on July 24 was reported to be 10% excellent, 71% good, 17% fair, and 2% poor.

On July 26, 95% of the **OATS** acreage was harvested, compared to 78% last year and the average of 58%.

Condition of the **SORGHUM** crop was rated as 17% excellent, 74% good, and 9% fair. Seventy-five percent of the sorghum acreage was headed compared to 53% last year.

The second cutting of **ALFALFA HAY** was 93% complete on July 26, compared to 72% last year and the average of 82%. The third cutting was 30% complete, compared to 8% last year and the average of 8%. Condition of the crop on July 24 was reported as 5% excellent, 42% good, 37% fair, and 16% poor.

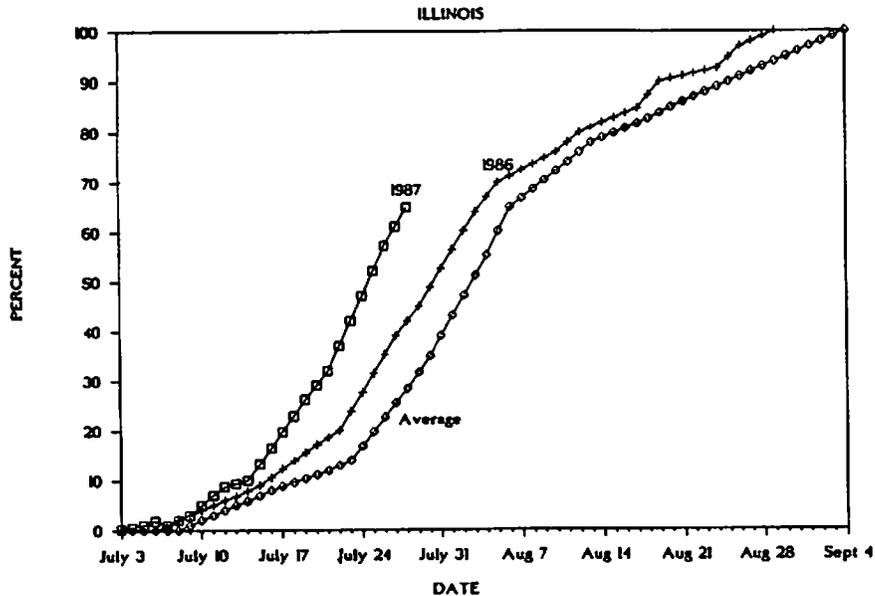
PASTURE condition on July 24 was reported to be 3% excellent, 31% good, 38% fair, 17% poor, and 11% very poor.

SOIL MOISTURE on July 24 was reported as 73% short and 27% adequate.

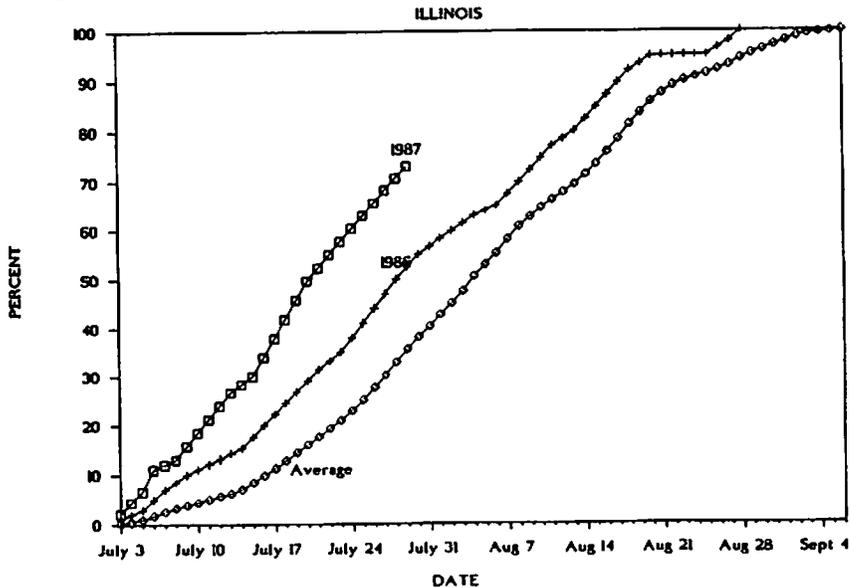
ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	: Corn % : silking :(tasseling):	: Soybeans : : percent : : blooming :	: Days Suit- : : able for : : fieldwork :	: Soil : Moisture Percent : Short :Adequate: Surplus	
	: Week ending July 26		: Week ending July 24		
Northwest	: 97	95	7.0	100	0
Northeast	: 90	94	6.5	85	15
West	: 99	97	7.0	100	0
Central	: 99	99	6.5	90	10
East	: 99	97	6.5	95	5
West-Southwest	: 99	99	7.0	70	30
East-Southeast	: 99	96	7.0	30	70
Southwest	: 97	90	7.0	55	45
Southeast	: 97	90	7.0	40	60
State	: 98	96	6.75	73	27
5-Yr. Avg.	: 83	77			0

CORN - ACREAGE IN THE DOUGH STAGE



SOYBEANS - PERCENT ACREAGE SETTING PODS



WEATHER

TEMPERATURES DURING THE PAST WEEK WERE WARMER THAN USUAL. READINGS SOUTH AVERAGED 1 TO 3 DEGREES WARMER THAN NORMAL. IN THE NORTH READINGS RANGED FROM 5 TO 9 DEGREES WARMER THAN USUAL. TEMPERATURE EXTREMES RANGED FROM LOWS IN THE LOWER 60'S NORTH ON THE MORNING OF THE 22ND TO AFTERNOON READINGS AT THE 100-DEGREE MARK ON THE 27TH.

PRECIPITATION WAS VERY SPOTTY WITH MOST SECTIONS REMAINING DRY OR REPORTING A HALF INCH OR LESS. IN THE NORTHEAST THERE WERE A FEW REPORTS FROM A HALF INCH TO AN INCH AND A HALF.

THE **EXTENDED FORECAST** WEDNESDAY THROUGH FRIDAY IS CALLING FOR PARTLY CLOUDY SKIES. AFTERNOON HIGHS WILL HOLD IN THE 80'S; MORNING LOWS WILL RANGE FROM THE 60'S TO THE LOWER 70'S.

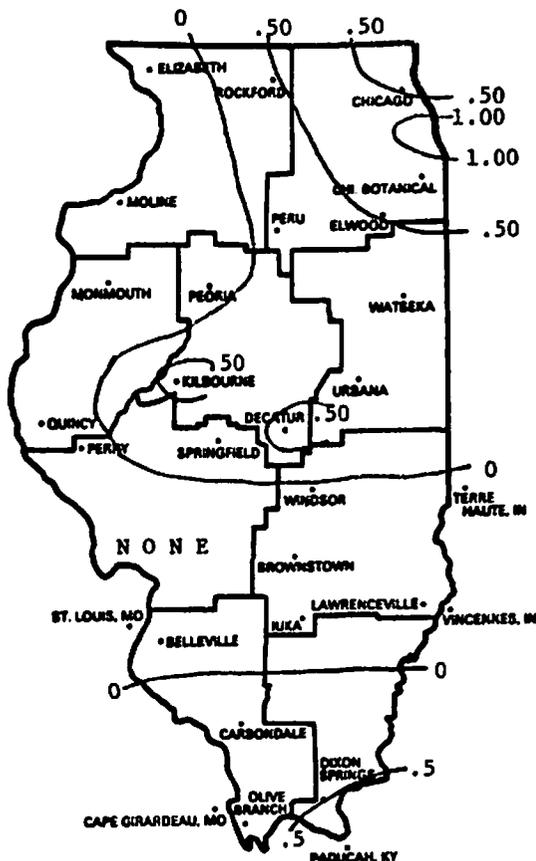
Week ending 8 A.M. Monday, July 27, 1987

Location	: Temperatures :		: Departure :	: Precipitation :		: Growing Degree Days(50F)					
	:Maxi-:Mini-:	:Deper-:Curr.:		:Since:	:Departure	:Curr.:	:Since	:Departure			
	: mum	: mum	: ture	: week	: May 1:	: since	: May 1:	: week	: May 1:	: since	: May 1
ELIZABETH	92	68	7	0.00	6.11	-5.85	192	1726	226		
ROCKFORD	93	70	8	0.69	9.23	-3.11	200	1842	341		
CHICAGO	92	70	8	1.47	7.62	-2.86	201	1875	393		
CHI BOTANICAL	91	69	5	0.79	8.89	-2.07	198	1727	104		
ELWOOD	91	69	7	0.57	10.33	-1.33	197	1856	332		
WATSEKA	93	68	6	0.05	7.39	-5.36	193	1876	233		
PERU	94	70	7	0.33	8.80	-2.63	200	1884	188		
MOLINE	96	71	9	0.00	6.20	-6.58	205	1998	338		
PEORIA	95	71	8	0.00	5.91	-5.31	206	1992	316		
KILBOURNE	95	70	6	0.89	7.33	-4.35	202	2053	277		
MONMOUTH	94	69	6	0.00	4.99	-6.60	196	1928	222		
QUINCY	92	71	5	0.00	8.51	-3.63	205	2063	283		
PERRY	93	69	4	0.00	6.36	-5.06	198	1916	94		
SPRINGFIELD	93	71	6	0.24	8.61	-1.59	206	2104	289		
DECATUR	92	69	4	0.51	10.66	-1.58	197	2047	236		
URBANA	91	68	4	0.32	6.77	-4.57	192	1998	273		
WINDSOR	92	70	4	0.00	8.78	-3.27	200	2022	208		
TERRE HAUTE	91	68	4	0.05	13.59	1.71	194	2017	280		
ST LOUIS	93	74	NA	0.00	10.29	NA	216	2269	NA		
BELLEVILLE	92	68	2	0.00	11.37	0.59	194	2137	250		
BROWNSTOWN	91	68	3	0.00	8.14	-3.88	193	2125	297		
IUKA	92	67	1	0.00	10.49	-0.66	190	2037	140		
LAWRENCEVILLE	92	69	NA	0.00	11.02	NA	198	2080	NA		
VINCENNES	92	69	3	0.00	11.44	-0.62	197	2091	255		
DIXON SPRINGS	91	67	0	0.59	12.65	0.92	190	2143	148		
PADUCAH	93	70	2	0.32	7.77	-4.46	202	2260	253		
OLIVE BRANCH	91	69	1	0.08	9.41	-2.92	197	2206	253		
CARBONDALE	92	65	0	0.34	10.35	-1.39	184	2097	178		
C GIRARDEAU	90	71	NA	0.25	13.22	NA	203	2283	NA		

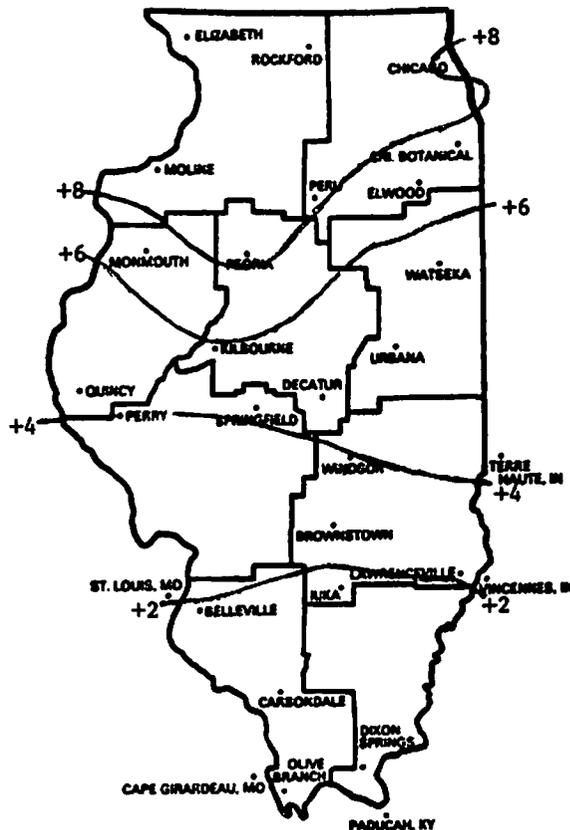
NEWSPAPER TIME VALUE

Illinois Weather & Crops
July 27, 1987

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 21-27, 1987



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JULY 21-27, 1987

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.