

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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

**RELEASED: AUGUST 1, 1988, 3 P.M., CDT
VOL. 9, NO. 20**



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

Condition of corn was mostly unchanged while soybean condition declined this week. Most of the soil across the State remains short of moisture, so this combined with the hot temperatures is still causing continued stress on the crops. Last week farmers were baling hay and straw, harvesting oats, scouting for insects, spraying for spider mites and rootworm beetles, walking beans, mowing weeds, hauling water, caring for livestock, and doing general farm chores. For the week of July 23-29 there was an average of six and one-quarter days suitable for fieldwork. The East District and all four southern districts reported some percentages of adequate soil moisture.

Condition of the CORN crop on July 29 was reported as 4% good, 41% fair, 42% poor, and 13% very poor. By July 31, 98% of the acreage was silked (tasseled) compared to 100% last year and the 5-year average (1983-87) of 94%. Thirty-seven percent of the crop was in the dough stage compared to 77% last year and the average of 45%.

By July 31, 93% of the SOYBEAN crop was blooming, compared to 100% last year and the average of 88%. Sixty percent of the crop was setting pods compared to 82% last year and the average of 47%. Condition of the crop by July 29 was 12% good, 63% fair, 23% poor, and 2% very poor. Spider mites continue to damage soybeans, causing producers to repeatedly apply insecticides.

By July 31, virtually all of the OAT acreage was ripe compared to 100% last year and the average of 98%. Ninety-two percent of the acreage was harvested compared to 96% last year and the average of 84%.

Condition of the SORGHUM crop on July 29 was reported as 29% good, 57% fair, and 14% poor. Fifty-five percent of the sorghum acreage was headed compared to 92% last year.

By July 31, cutting of the third crop of ALFALFA HAY was 30% complete, compared to 39% last year and the average of 22%. Condition of the crop on July 29 was reported as 8% good, 51% fair, 35% poor, and 6% very poor.

HAY supplies on July 29 were reported as 15% very short, 64% short, and 21% adequate.

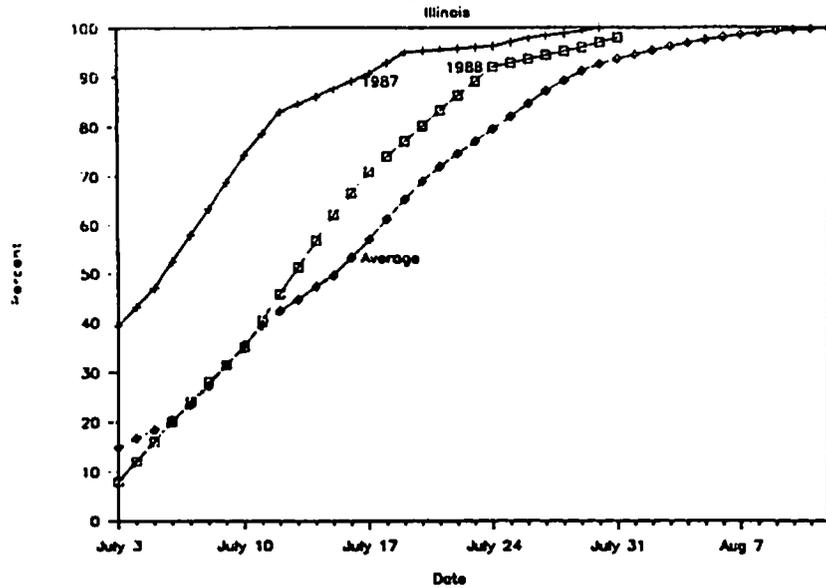
PASTURE condition, as of July 29, was rated as 19% fair, 36% poor, and 45% very poor.

SOIL MOISTURE on July 29 was reported as 86% short and 14% adequate.

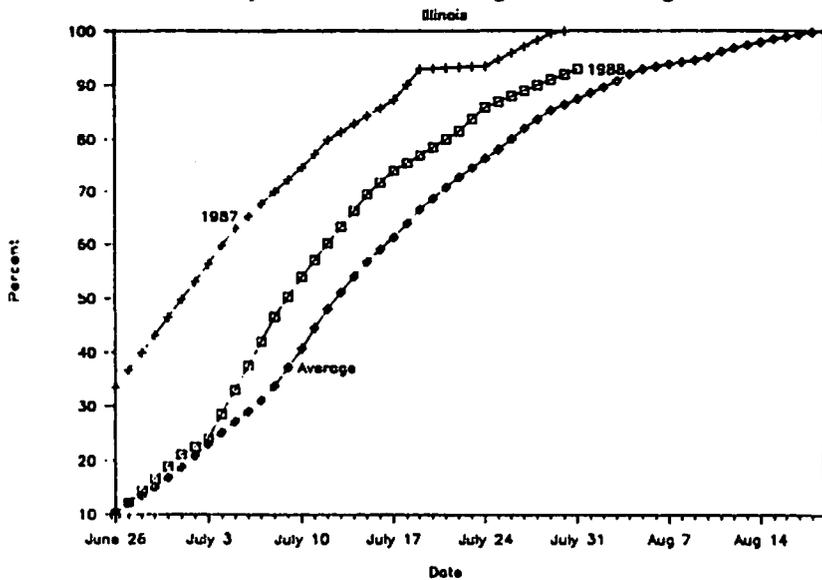
ILLINOIS DISTRICT SUMMARY

	: Corn % : silking :(tasseling):	: Soybeans : : percent : : blooming :	: Days : : suitable for : : fieldwork :	: Soil : moisture percent : Short :Adequate: Surplus
	As of July 31		- - - - -	As of July 29 - - - - -
NW	97	92	7.0	100 0 0
NE	96	88	6.5	100 0 0
W	99	94	7.0	100 0 0
C	99	96	6.5	100 0 0
E	99	97	6.0	90 10 0
WSW	99	97	6.0	95 5 0
ESE	97	90	5.5	85 15 0
SW	98	82	5.5	55 45 0
SE	97	94	5.5	50 50 0
State	98	93	6.25	86 14 0
5-Yr. Avg.:	94	88		

Corn -- Acreage Silked (Tasseled)



Soybeans -- Acreage Blooming



WEATHER

HIGH TEMPERATURES AVERAGED NEAR 90 DEGREES OVER MOST OF THE STATE WITH THE HIGHEST READINGS IN THE NORTH. THESE VALUES RANGED FROM 6 TO 9 DEGREES ABOVE NORMAL IN NORTHERN SECTIONS BUT HELD WITHIN A DEGREE OR TWO OF NORMAL IN THE SOUTH. AVERAGE LOWS IN THE 60'S WERE CLOSE TO NORMAL IN MOST SECTIONS.

BASE 50 GROWING DEGREE DAYS ACCUMULATIONS RANGED FROM AROUND 165 TO AS HIGH AS 200 DURING THE WEEK, 10 TO 20 ABOVE A NORMAL PACE IN THE NORTH BUT SLOWER THAN NORMAL IN PARTS OF THE SOUTH. THAT BRINGS THE SEASON TOTALS, SINCE THE FIRST OF MAY, TO OVER 2000 IN THE CENTRAL AND SOUTH AND TO OVER 1800 IN MOST OF THE NORTH.

RAINFALL WAS VARIABLE WITH SOME STATIONS IN NORTHERN AND CENTRAL PARTS OF THE STATE REPORTING NONE AT ALL. SEVEN-DAY TOTALS RANGED TO OVER AN INCH AROUND CHICAGO AND IN PARTS OF CENTRAL ILLINOIS. THE REMAINDER OF THIS WEEK IS EXPECTED TO BE HOT AND HUMID WITH LITTLE IF ANY RAINFALL.

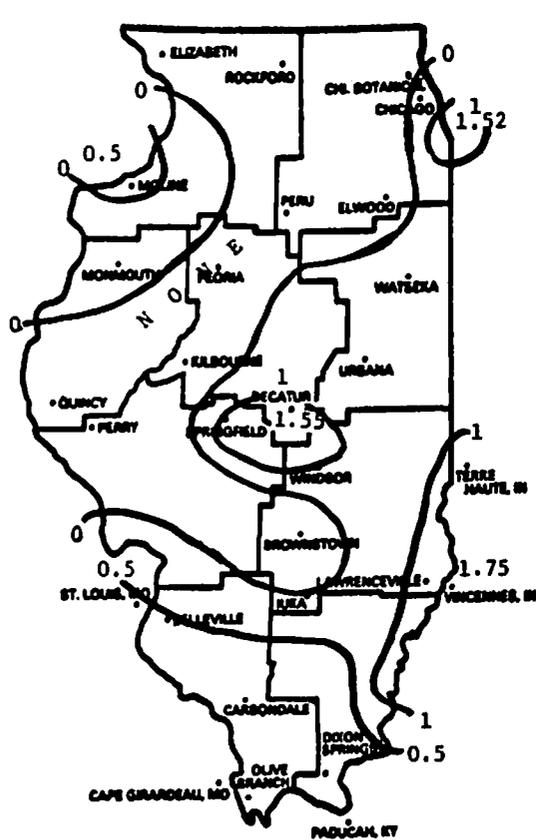
Week ending 8 A.M. Monday, August 1, 1988

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	91	60	3	0.00	4.04	-8.57	166	1761	151
ROCKFORD	91	66	6	0.00	3.95	-9.06	188	1924	308
CHICAGO	92	68	6	1.52	4.98	-6.08	191	1887	290
CHI BOTANICAL	90	57	-1	1.00	6.96	-4.65	173	1694	-53
ELWOOD	92	63	4	0.00	2.88	-9.41	175	1917	278
WATSEKA	91	63	3	0.12	5.30	-8.11	173	1875	114
PERU	93	65	4	0.02	3.23	-8.68	182	1930	131
MOLINE	94	67	5	0.68	5.41	-8.10	189	2019	234
PEORIA	93	67	5	0.00	2.37	-9.45	192	2029	228
KILBOURNE	92	66	2	0.00	3.03	-9.28	186	2011	110
MONMOUTH	92	64	3	0.19	3.36	-8.75	179	1915	109
QUINCY	94	67	4	0.00	4.09	-8.73	192	2036	126
PERRY	93	65	2	0.00	6.40	-5.65	183	1962	10
SPRINGFIELD	90	69	3	1.55	4.19	-6.56	196	2086	141
DECATUR	88	67	1	1.28	4.70	-8.19	184	2036	98
URBANA	88	66	2	0.50	3.57	-8.44	183	2055	205
WINDSOR	87	64	0	1.55	5.82	-6.86	173	2068	124
TERRE HAUTE	86	63	0	1.48	9.52	-2.98	169	1942	80
ST. LOUIS	91	73	NA	0.94	7.93	NA	210	2317	NA
BELLEVILLE	90	64	0	0.35	5.87	-5.44	178	2054	37
BROWNSTOWN	89	64	0	0.50	4.89	-7.75	178	1999	46
IUKA	88	63	-2	0.89	11.12	-0.55	174	1953	-74
LAWRENCEVILLE	88	64	NA	1.77	7.32	NA	177	2018	NA
VINCENNES	87	65	0	1.26	6.30	-6.47	180	2034	70
DIXON SPRINGS	89	64	-2	0.36	5.23	-7.09	179	2052	-74
PADUCAH	91	68	0	0.54	6.13	-6.69	193	2162	20
OLIVE BRANCH	88	64	-1	0.40	6.29	-6.69	180	2036	-51
CARBONDALE	89	65	0	0.03	6.53	-5.85	182	2032	-17
C GIRARDEAU	90	70	NA	0.41	7.44	NA	200	2199	NA

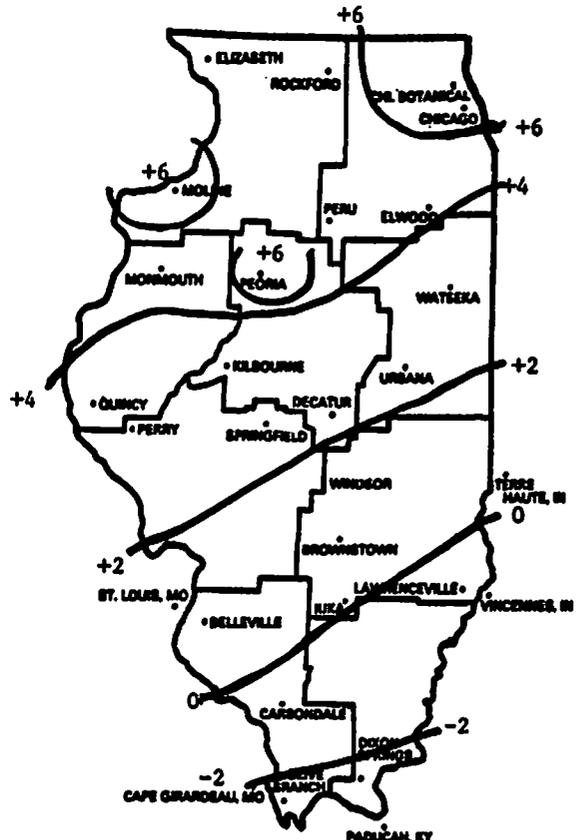
NEWSPAPER TIME VALUE

Illinois Weather & Crops
 August 1, 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 26-AUGUST 1, 1988



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) JULY 26-AUGUST 1

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.