

ILLINOIS WEATHER & CROPS

 **ILLINOIS
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STATISTICS SERVICE**

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ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
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RELEASED: JULY 18, 1988, 3 P.M., CDT
VOL. 9, NO. 18

CROPS

Condition of the crops changed slightly this week aided by scattered showers throughout the State this past week. Southern Illinois and the extreme North received the largest amounts. Extreme heat and dried-out soils still continue to cause stress on crops. Last week farmers were busy baling hay and set aside acres, irrigating fields, spraying spider mites in soybeans, and rootworm beetles in corn, harvesting oats, scouting fields, caring for and keeping livestock cool, hauling water, cutting weeds, and walking beans. Due to poor pasture regrowth farmers have been forced to feed hay to cattle. For the week of July 9-15, there were six and one-quarter days suitable for fieldwork. The Southwest and Southeast Districts reported five and four and one-half days as suitable, respectively, and they also reported a small percent of the area with adequate soil moisture for the week.

Condition of the **CORN** crop on July 15 was reported as 2% good, 33% fair, 44% poor, and 21% very poor. By July 17, 71% of the acreage was silked (tasseled) compared to 90% last year and the 5-year average (1983-87) of 57%. Three percent of the crop was in the dough stage compared to 26% last year and the average of 10%.

By July 17, 74% of the **SOYBEAN** crop was blooming, compared to 87% last year and the average of 61%. Thirteen percent of the crop was setting pods compared to 50% last year and the average of 15%. Condition of the crop by July 15 was 8% good, 68% fair, 20% poor, and 4% very poor. Correction: By July 10, 5% of the crop was setting pods compared to 27% last year and the average of 5%.

OAT condition on July 15 was reported as 5% good, 71% fair, 18% poor, and 6% very poor. By July 17, 98% of the acreage was turning yellow compared to 100% last year and the average of 91%. Seventy-eight percent of the acreage was ripe compared to 95% last year and the average of 67%. Fifty percent of the acreage was harvested compared to 61% last year and the average of 37%. Correction: By July 10, 27% of the acreage was harvested compared to 31% last year and the average of 17%.

Condition of the **SORGHUM** crop by July 15 was reported as 8% good, 57% fair, 27% poor, and 8% very poor. Seven percent of the sorghum acreage was headed compared to 69% last year. Correction: By July 10, 2% of the sorghum acreage was headed compared to 40% last year.

By July 17, cutting of the second crop of **ALFALFA HAY** was 81% complete, compared to 85% last year and the average of 70%. Condition of the crop on July 15 was reported as 5% good, 42% fair, 37% poor, and 16% very poor.

HAY supplies on July 15 were reported as 21% very short, 60% short, and 19% adequate.

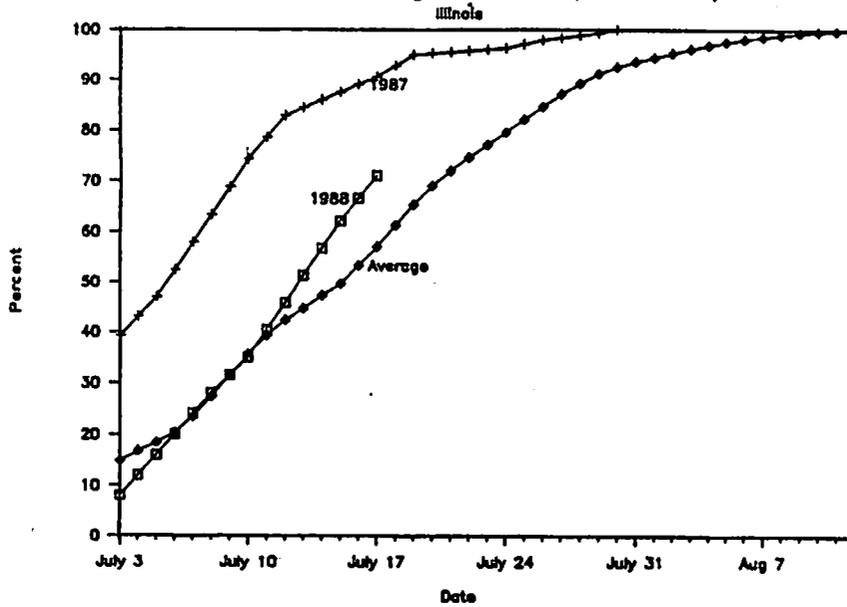
PASTURE condition, as of July 15, was rated as 11% fair, 28% poor, and 61% very poor.

SOIL MOISTURE on July 15 was reported as 99% short and 1% adequate.

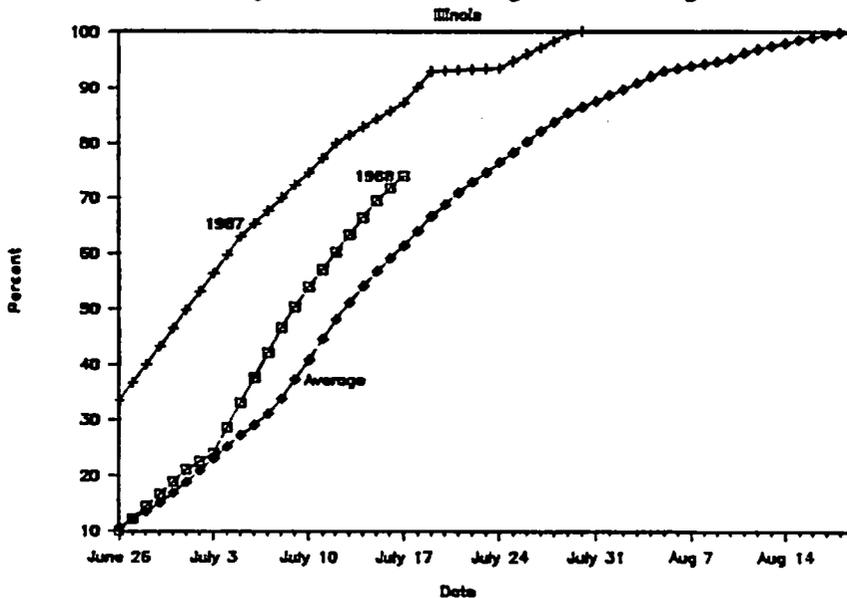
ILLINOIS DISTRICT SUMMARY

District	: Corn % :(tasseling):	: Soybeans : percent : blooming :	: Days : suitable for : fieldwork :	: Soil moisture percent Short :Adequate: Surplus
	: As of July 17		- - - - -	: As of July 15 - - - - -
NW	: 60	: 60	: 7.0	: 100 0 0
NE	: 40	: 55	: 7.0	: 100 0 0
W	: 80	: 70	: 7.0	: 100 0 0
C	: 80	: 85	: 7.0	: 100 0 0
E	: 75	: 75	: 6.5	: 100 0 0
WSW	: 80	: 85	: 7.0	: 100 0 0
ESE	: 80	: 75	: 6.5	: 100 0 0
SW	: 80	: 65	: 5.0	: 95 5 0
SE	: 75	: 75	: 4.5	: 90 10 0
State	: 71	: 74	: 6.25	: 99 1 0
5-Yr. Avg.:	: 57	: 61		

Corn - Acreage Silked (Tasseled)



Soybeans - Acreage Blooming



WEATHER

HOT WEATHER PREVAILED THROUGH THE WEEK REACHING ITS PEAK ON FRIDAY WHEN DAYTIME HIGHS SOARED TO THE LOW 100'S IN MANY PLACES ACROSS THE STATE. MEAN DAILY TEMPERATURES FOR THE WEEK AVERAGED 3 TO 5 DEGREES ABOVE NORMAL IN THE SOUTH AND 5 TO 10 DEGREES ABOVE NORMAL IN NORTH AND CENTRAL ILLINOIS. DAYTIME HIGHS AVERAGED IN THE LOW AND MID-90'S WHILE OVERNIGHT LOWS AVERAGED IN THE UPPER 60'S TO LOWER 70'S.

PRECIPITATION WAS QUITE VARIABLE ACROSS THE STATE AND IN THE FORM OF SHOWERS AND THUNDERSTORMS. STRONG STORMS EARLY IN THE WEEK DUMPED 4.45 INCHES AT IUKA IN A 24-HOUR PERIOD WITH OTHER SOUTHERN LOCALES SEEING 1 TO 3 INCHES OF RAIN. SOME AMOUNTS NEAR OR ABOVE 1 INCH ALSO OCCURRED IN THE EXTREME NORTH. PARTS OF WESTERN AND CENTRAL ILLINOIS, HOWEVER, SAW LESS THAN A TENTH.

THE FORECAST FOR WEDNESDAY THROUGH FRIDAY IS CALLING FOR LITTLE OR NO RAIN ACROSS ILLINOIS WITH MORE SEASONABLE TEMPERATURES. HIGHS SHOULD RUN GENERALLY IN THE 80'S WITH OVERNIGHT LOWS IN THE UPPER 50'S AND 60'S.

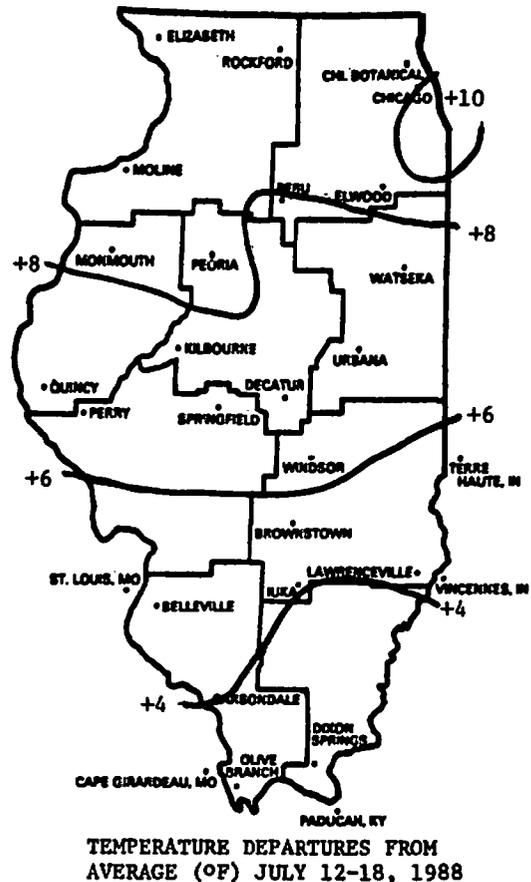
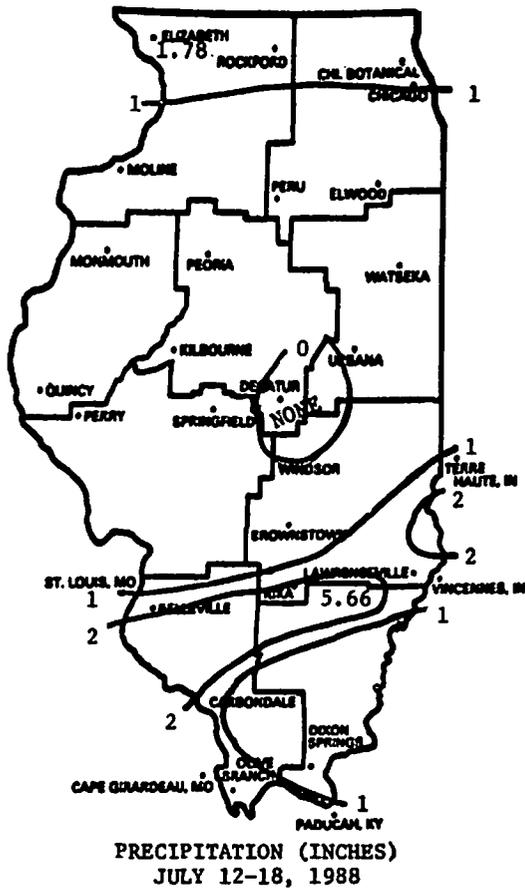
Week ending 8 A.M. Monday, July 18, 1988

Location	: Temperatures :			: Precipitation :			: Growing Degree Days(50°)		
	Maxi- : mum	Mini- : mum	Deapar- : ture	Curr.: : week	Since: : May 1:	Departure : since	Curr.: : week	Since: : May 1:	Departure : since
ELIZABETH	92	64	6	1.78	3.72	-7.03	181	1444	142
ROCKFORD	93	68	7	1.23	2.83	-8.24	194	1568	274
CHICAGO	94	70	9	0.74	2.98	-6.46	200	1532	257
CHI BOTANICAL	89	68	3	1.05	5.08	-4.69	187	1371	-27
ELWOOD	96	68	9	0.15	2.50	-7.98	194	1575	258
WATSEKA	94	66	6	0.95	4.77	-6.69	188	1540	113
PERU	95	70	7	0.08	2.61	-7.54	199	1590	141
MOLINE	94	71	8	0.43	4.15	-7.25	205	1658	223
PEORIA	95	72	8	0.13	2.32	-7.76	208	1666	215
KILBOURNE	94	73	7	0.10	2.76	-7.79	210	1673	122
MONMOUTH	94	68	6	0.73	3.12	-7.10	167	1578	122
QUINCY	96	70	6	0.02	4.08	-6.81	202	1672	126
PERRY	94	71	6	0.05	6.24	-4.01	204	1621	33
SPRINGFIELD	94	74	7	0.07	2.45	-6.74	213	1717	136
DECATUR	95	72	7	0.00	2.48	-8.57	207	1684	107
URBANA	93	70	6	0.35	2.44	-7.64	200	1698	198
WINDSOR	93	71	6	0.42	2.63	-8.21	204	1718	138
TERRE HAUTE	92	70	5	2.85	5.58	-5.07	200	1606	94
ST. LOUIS	96	77	NA	0.11	3.57	NA	225	1915	NA
BELLEVILLE	92	71	4	1.98	4.62	-5.08	173	1669	42
BROWNSTOWN	93	71	6	0.72	3.04	-7.86	205	1653	59
IUKA	92	69	3	5.66	8.72	-1.45	198	1611	-45
LAWRENCEVILLE	92	71	NA	1.21	3.46	NA	202	1668	NA
VINCENNES	92	71	4	1.15	3.11	-7.65	201	1681	79
DIXON SPRINGS	92	73	3	1.00	4.29	-6.36	208	1687	-64
PADUCAH	92	75	4	1.52	5.07	-6.05	215	1779	15
OLIVE BRANCH	90	72	3	1.99	4.12	-7.01	201	1675	-35
CARBONDALE	91	73	4	0.45	4.45	-6.13	203	1668	-16
C GIRARDEAU	91	76	NA	1.23	5.82	NA	217	1806	NA

NEWSPAPER TIME VALUE

Illinois Weather & Crops
July 18, 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.



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.