

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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

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**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

The fall harvest season has started with the harvesting of a few corn and soybean fields in a few areas across the State. Small kernel and bean sizes have resulted in low test weights. Cooler temperatures were welcomed this past week by all and also slowed down the maturing process of the field crops, but harvest will probably be in full swing in another week or two. Besides harvesting or preparing for harvest this past week, farmers were mowing, preparing ground for fall seeding, baling third and fourth-cutting hay, chopping silage, hauling grain and water, discing set-aside acres, harvesting fruits and vegetables, scouting fields, tending to livestock, and doing general chores. Spider mites and bean leaf beetles continued to be a problem in soybeans, as well as woolly worms in the southern half of the State. Mold and smut in corn was commonly reported. For the week of August 27-September 2 there was an average of six and one-half days suitable for fieldwork.

Condition of the **CORN** crop on September 2 was reported as 2% good, 40% fair, 50% poor, and 8% very poor. By September 4, 92% of the crop was in the dent stage compared to 98% last year and the 5-year average (1983-87) of 87%. Forty-five percent of the crop was mature compared to 63% last year and the average of 32%. Two percent of the crop was harvested compared to 5% last year and the average of 1%.

By September 4, 43% of the **SOYBEAN** crop was turning yellow, compared to 63% last year and the average of 40%. Sixteen percent of the crop was shedding leaves compared to 36% last year and the average of 18%. Less than 1% of the crop was harvested compared to 5% last year and the average of 1%. Condition of the crop by September 2 was 12% good, 59% fair, 28% poor, and 1% very poor.

Condition of the **SORGHUM** crop on September 2 was reported as 27% good, 67% fair, and 6% poor. Sixty-six percent of the crop was turning color compared to 85% last year. Twenty-eight percent of the crop was mature compared to 45% last year.

By September 4, cutting of the third crop of **ALFALFA HAY** was 81% complete, compared to 84% last year and the average of 81%. Condition of the crop on September 2 was reported as 13% good, 71% fair, 14% poor, and 2% very poor.

HAY supplies on September 2 were reported as 9% very short, 61% short, 28% adequate, and 2% surplus.

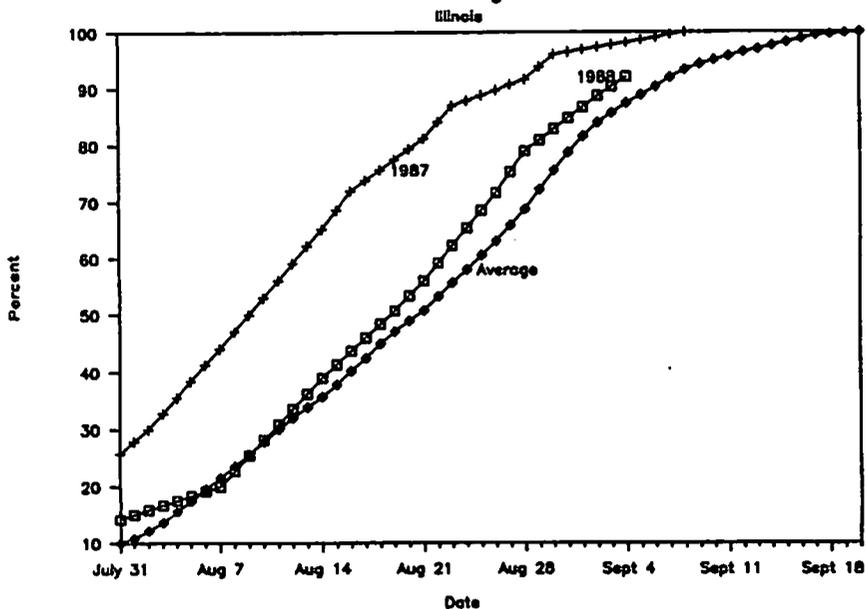
PASTURE condition, as of September 2, was rated as 4% good, 31% fair, 43% poor, and 22% very poor.

SOIL MOISTURE on September 2 was reported as 95% short and 5% adequate.

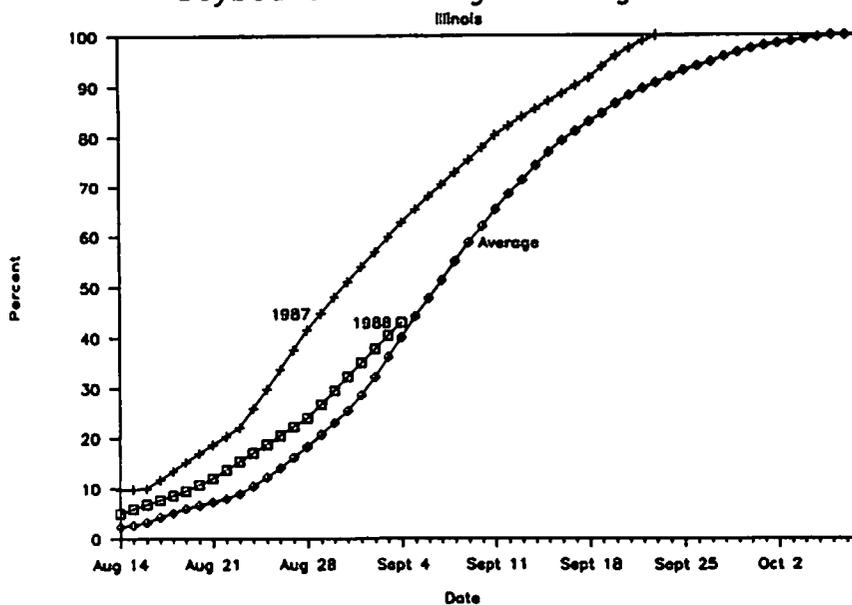
ILLINOIS DISTRICT SUMMARY

District	: Corn : acreage : % dented	: Soybean : acreage % : turning yellow	: Days : suitable for: : fieldwork	: Soil : moisture percent : Short :Adequate:Surplus
	As of September 4			- - - As of September 2 - - -
NW	90	60	6.0	100 0 0
NE	85	35	6.5	90 10 0
W	95	35	6.5	100 0 0
C	95	60	6.5	100 0 0
E	90	65	6.5	100 0 0
WSW	95	30	6.5	95 5 0
ESE	95	35	6.5	95 5 0
SW	97	25	6.5	95 5 0
SE	90	35	5.5	85 15 0
State	92	43	6.5	95 5 0
5-Yr.Avg.	87	40		

Corn - Acreage Dented



Soybeans - Acreage Turning Yellow



WEATHER

DESPITE THE SURGE OF WARMER AIR THAT TOOK TEMPERATURES INTO THE 80'S FOR THE FIRST DAYS OF SEPTEMBER, AN EARLY AUTUMN COLD FRONT FOR LABOR DAY WEEKEND RESULTED IN AVERAGE TEMPERATURES FOR THE WEEK THAT WERE 1 OR 2 DEGREES BELOW NORMAL IN NORTHERN ILLINOIS AND 3 TO 5 DEGREES BELOW IN THE SOUTH. A 38-DEGREE READING WAS RECORDED IN THE NORTHWEST CORNER OF THE STATE ON LABOR DAY MORNING, BUT LOWEST READINGS OF THE WEEK IN MOST AREAS RANGED THROUGH THE 40'S TO AROUND 50.

THE RAINFALL PATTERN WAS MORE HIGHLY VARIABLE. A FEW TOTALS AS HIGH AS EIGHT TENTHS OF AN INCH WERE SCATTERED AROUND NORTH AND EAST-CENTRAL ILLINOIS WHILE MOST CENTRAL FIELDS RECEIVED LESS THAN ONE TENTH. IN THE EXTREME SOUTH, SOME HEAVY SHOWERS BOOSTED WEEKLY TOTALS ABOVE TWO INCHES.

A GENERALLY DRY WEEK LIES AHEAD WITH A GRADUAL WARMING TREND LIFTING TEMPERATURES THROUGH THE 70'S AND INTO THE LOW TO MID-80'S BY FRIDAY. MINIMUMS WILL MODERATE FROM THE 40'S AND LOW 50'S EARLY IN THE WEEK TO THE MID-50'S TO LOW 60'S RANGE AT THE END OF THE WEEK.

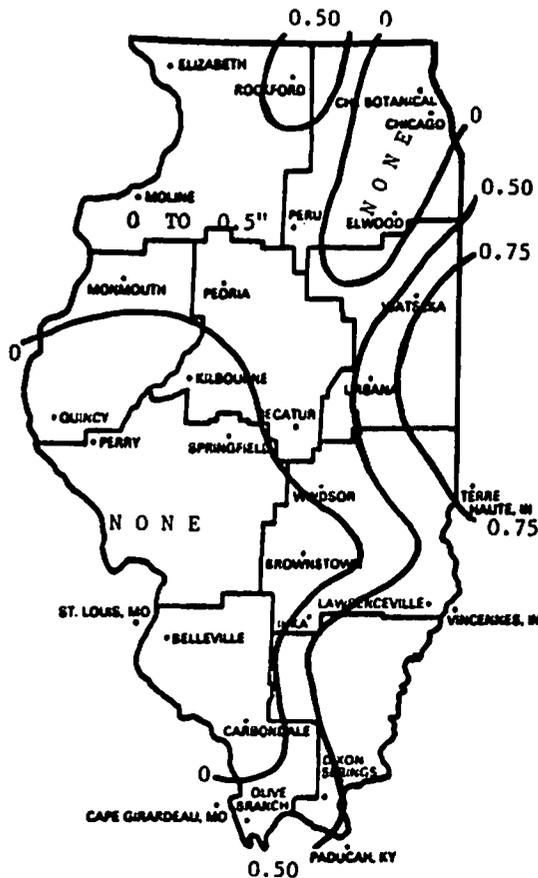
Week ending 8 A.M. Monday, September 5, 1988

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi- mum	Mini- mum	Depar- ture	Curr- :week	Since :May 1	Departure :since May 1	Curr- :week	Since :May 1	Departure :since May 1
ELIZABETH	79	49	-2	0.17	7.61	-9.22	111	2525	228
ROCKFORD	80	53	0	0.77	6.69	-10.61	124	2742	416
CHICAGO	78	56	0	0.18	8.45	-6.64	127	2746	412
CHI BOTANICAL	78	55	-3	0.20	10.41	-5.34	125	2521	-21
ELWOOD	79	54	-1	0.35	5.94	-10.36	122	2748	374
WATSEKA	81	53	-1	0.86	8.34	-8.94	131	2726	227
PERU	80	53	-2	0.42	8.00	-7.75	125	2772	196
MOLINE	79	55	-1	0.04	10.83	-7.06	127	2875	326
PEORIA	81	55	-1	0.12	4.53	-11.27	133	2901	324
KILBOURNE	80	56	-2	0.12	8.09	-8.75	133	2874	161
MONMOUTH	79	52	-3	0.05	7.46	-8.91	119	2740	154
QUINCY	80	55	-2	0.00	7.00	-10.38	130	2921	188
PERRY	80	53	-4	0.00	12.22	-3.94	123	2796	15
SPRINGFIELD	82	58	0	0.00	5.75	-8.66	144	2991	225
DECATUR	81	56	-2	0.01	5.47	-11.59	135	2919	151
URBANA	81	55	-1	0.88	5.69	-10.44	133	2925	288
WINDSOR	81	56	-2	0.04	6.35	-10.01	138	2973	199
TERRE HAUTE	79	53	-4	0.80	11.30	-4.84	119	2789	122
ST. LOUIS	82	62	NA	0.00	10.19	NA	158	3319	NA
BELLEVILLE	81	54	-4	0.00	6.80	-8.28	135	2963	89
BROWNSTOWN	82	56	-2	0.65	7.59	-9.11	136	2872	90
IUKA	80	52	-5	0.72	14.38	-0.63	122	2805	-86
LAWRENCEVILLE	79	54	NA	0.58	8.86	NA	121	2890	NA
VINCENNES	79	52	-6	0.30	8.03	-9.07	100	2876	97
DIXON SPRINGS	81	57	-4	2.02	8.04	-8.18	138	2968	-34
PADUCAH	81	58	-4	1.44	8.32	-8.36	144	3100	62
OLIVE BRANCH	79	57	-4	5.02	13.14	-4.02	135	2943	-25
CARBONDALE	81	56	-4	2.00	9.66	-6.95	137	2935	27
C GIRARDEAU	80	59	NA	4.31	13.22	NA	143	3150	NA

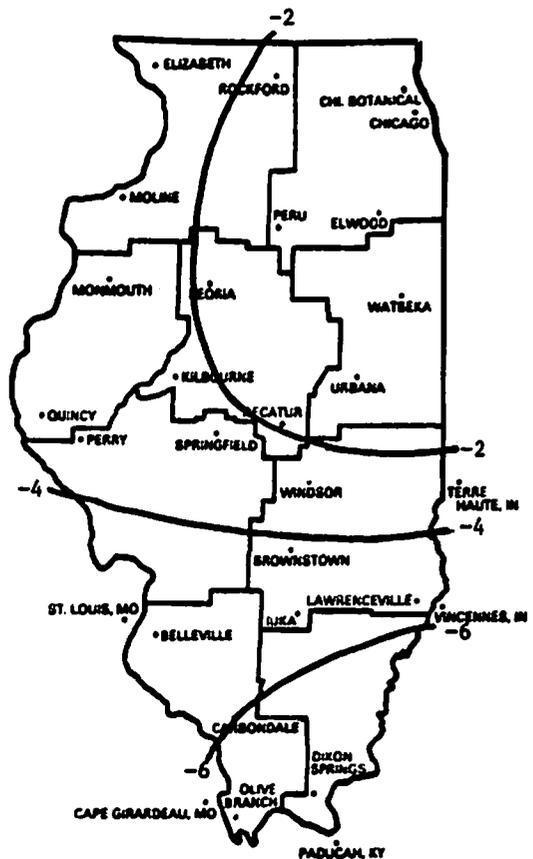
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PRECIPITATION (INCHES)
AUG. 30-SEPT. 5, 1988



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) AUG. 30-SEPT. 5, 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.