

ILLINOIS WEATHER & CROPS



**ILLINOIS
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ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

Harvest of the corn and soybean crops is progressing at an average pace. Cool temperatures have slowed down the maturing process of these crops. Harvest activities are taking place in all areas of the State with all districts reporting about the same amount of soybeans and corn harvested. Last week, farmers were also repairing equipment, preparing storage facilities and machinery for the harvest season, baling hay, mowing, cutting silage, tilling for winter wheat seeding, harvesting seedcorn, hauling water, seeding alfalfa, and tending to livestock. Soil moisture decreased again due to limited rainfall received over the State. For the week of September 3-9 there was an average of six and one-half days suitable for fieldwork.

By September 11, 97% of the **CORN** crop was in the dent stage compared to 100% last year and the 5-year average (1983-87) of 96%. Sixty-five percent of the crop was mature compared to 89% last year and the average of 55%. Five percent of the crop was harvested compared to 13% last year and the average of 4%.

By September 11, 70% of the **SOYBEAN** crop was turning yellow, compared to 80% last year and the average of 65%. Forty percent of the crop was shedding leaves compared to 57% last year and the average of 38%. Four percent of the crop was harvested compared to 11% last year and the average of 4%. Condition of the crop by September 9 was 11% good, 61% fair, 23% poor, and 5% very poor.

Condition of the **SORGHUM** crop on September 9 was reported as 28% good, 66% fair, and 6% poor. Seventy-five percent of the crop was turning color compared to 89% last year. Fifty-five percent of the crop was mature compared to 67% last year.

By September 11, cutting of the third crop of **ALFALFA HAY** was 94% complete, compared to 88% last year and the average of 91%. Condition of the crop on September 9 was reported as 1% excellent, 26% good, 57% fair, 14% poor, and 2% very poor.

HAY supplies on September 9 were reported as 10% very short, 63% short, 25% adequate, and 2% surplus.

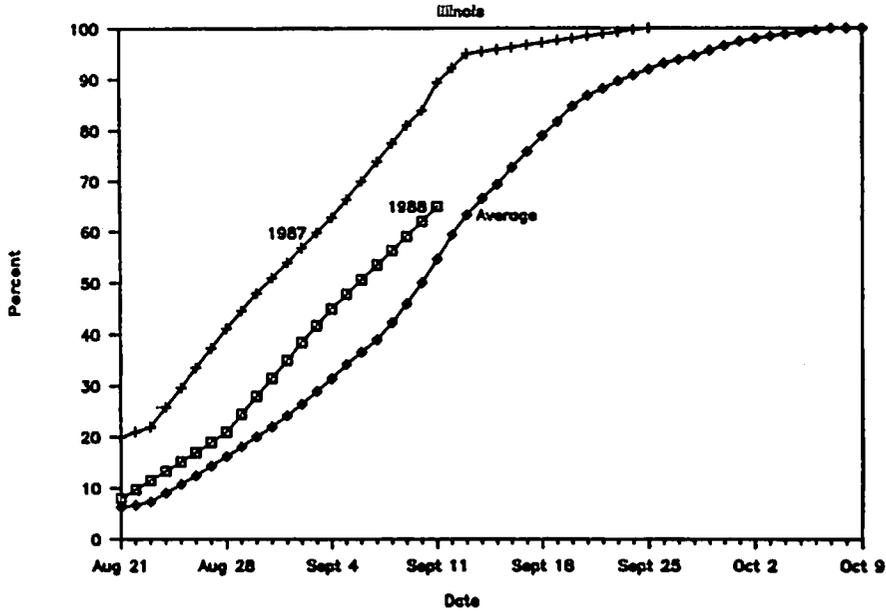
PASTURE condition, as of September 9, was rated as 4% good, 33% fair, 47% poor, and 16% very poor.

SOIL MOISTURE on September 9 was reported as 97% short and 3% adequate.

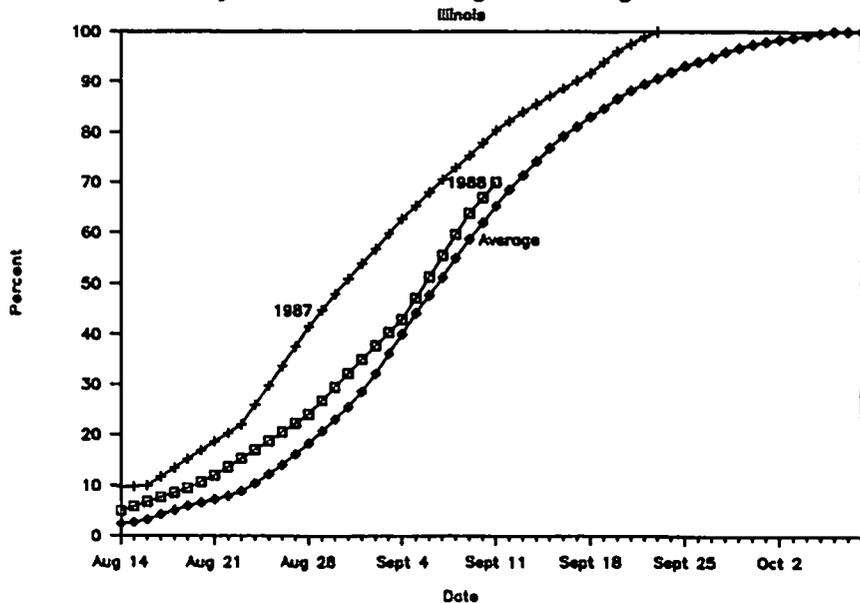
ILLINOIS DISTRICT SUMMARY

| District | : Corn : acreage : % dented | : Soybean : acreage % : turning yellow | : Days : suitable for: : fieldwork | : Soil : moisture percent : Short :Adequate:Surplus |
|------------|-----------------------------------|--|--|---|
| | As of September 11 | | | - - - As of September 9 - - - |
| NW | 98 | 80 | 6.5 | 100 0 0 |
| NE | 95 | 65 | 6.5 | 90 10 0 |
| W | 99 | 70 | 7.0 | 100 0 0 |
| C | 99 | 85 | 6.5 | 100 0 0 |
| E | 95 | 75 | 5.5 | 90 10 0 |
| WSW | 99 | 60 | 7.0 | 100 0 0 |
| ESE | 96 | 75 | 7.0 | 100 0 0 |
| SW | 98 | 50 | 5.5 | 90 10 0 |
| SE | 95 | 55 | 7.0 | 100 0 0 |
| State | 97 | 70 | 6.5 | 97 3 0 |
| 5-Yr. Avg. | 96 | 65 | | |

Corn — Percent of Acreage Mature



Soybeans — Acreage Turning Yellow



WEATHER

HIGH TEMPERATURES AVERAGED FROM THE UPPER 70'S TO AROUND 80 DEGREES ACROSS ILLINOIS THIS WEEK. THAT IS A DEGREE OR TWO ABOVE NORMAL IN NORTHERN SECTIONS BUT 3 TO 6 DEGREES BELOW NORMAL IN THE EXTREME SOUTH. THE WARMEST DAY, FRIDAY THE 10TH, PRODUCED HIGHS WELL INTO THE 80'S WITH 90 REPORTED AT BROWNSTOWN.

AVERAGE LOWS RANGED FROM THE UPPER 40'S TO THE MID-50'S BUT FELL INTO THE LOW 40'S DURING THE MIDDLE OF THE WEEK. A LOW OF 32 DEGREES WAS REPORTED AT ELIZABETH IN THE NORTHWEST PART OF THE STATE. ON AVERAGE, LOWS FELL SHORT OF NORMAL BY 2 TO 6 DEGREES.

LITTLE IF ANY RAIN FELL MOST OF THE WEEK. AT THE END OF THE PERIOD MOISTURE FROM TROPICAL STORM FLORENCE MOVES NORTH FROM THE GULF PRODUCING IN EXCESS OF AN INCH OF RAIN AT A FEW STATIONS IN THE SOUTH. OVER 4 INCHES FELL AT CARBONDALE.

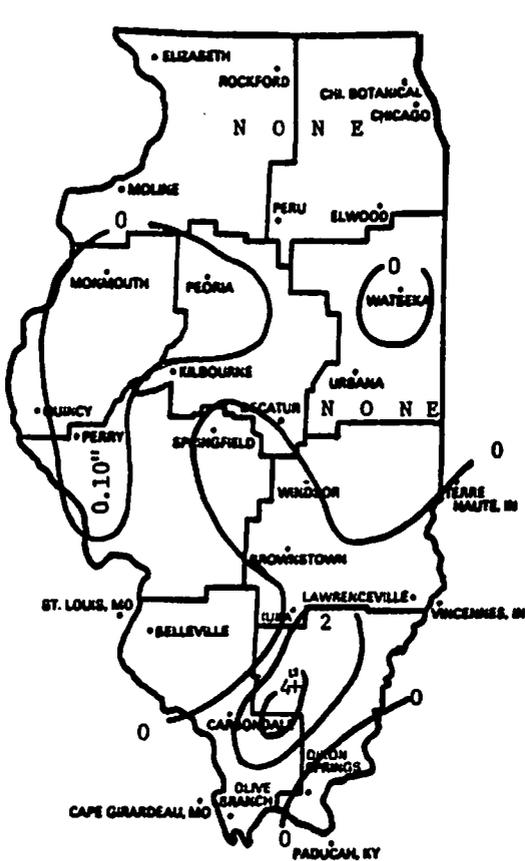
Week ending 8 A.M. Monday, September 12, 1988

| Location | Temperatures | | | Precipitation : Since : : May 1 : | Precipitation : Departure : : since May 1 : | Growing Degree Days(50F) | | | |
|---------------|--------------------|--------------------|----------------------|---|---|--------------------------|------------------------|----------------------------------|----------------------------------|
| | : Maxi- : mum : | : Mini- : mum : | : Depar- : ture : | | | : Curr. : : week : | : Since : : May 1 : | : Departure : : since May 1 : | : Departure : : since May 1 : |
| ELIZABETH | 78 | 40 | -4 | 0.00 | 7.61 | -10.03 | 104 | 2629 | 231 |
| ROCKFORD | 78 | 50 | -1 | 0.00 | 6.69 | -11.47 | 114 | 2856 | 424 |
| CHICAGO | 77 | 53 | 0 | 0.00 | 8.45 | -7.43 | 120 | 2866 | 417 |
| CHI BOTANICAL | 76 | 52 | -3 | 0.00 | 10.31 | -6.19 | 109 | 2640 | -29 |
| ELWOOD | 78 | 48 | -2 | 0.01 | 5.95 | -11.07 | 111 | 2859 | 369 |
| WATSEKA | 78 | 47 | -4 | 0.02 | 8.36 | -9.67 | 110 | 2836 | 218 |
| PERU | 80 | 49 | -2 | 0.00 | 8.00 | -8.52 | 115 | 2888 | 190 |
| MOLINE | 79 | 51 | -1 | 0.00 | 10.83 | -7.92 | 120 | 2996 | 330 |
| PEORIA | 80 | 54 | 0 | 0.04 | 4.57 | -12.06 | 128 | 3029 | 330 |
| KILBOURNE | 80 | 54 | -1 | 0.11 | 8.20 | -9.52 | 129 | 3004 | 159 |
| MONMOUTH | 78 | 50 | -2 | 0.01 | 7.47 | -9.72 | 113 | 2853 | 145 |
| QUINCY | 81 | 54 | 0 | 0.00 | 7.00 | -11.33 | 130 | 3051 | 187 |
| PERRY | 80 | 52 | -2 | 0.07 | 12.29 | -4.68 | 123 | 2919 | 3 |
| SPRINGFIELD | 80 | 55 | -1 | 0.14 | 5.89 | -9.22 | 134 | 3125 | 224 |
| DECATUR | 80 | 52 | -3 | 0.00 | 5.47 | -12.34 | 126 | 3046 | 139 |
| URBANA | 79 | 55 | -1 | 0.00 | 5.69 | -11.16 | 131 | 3056 | 289 |
| WINDSOR | 80 | 52 | -3 | 0.00 | 6.35 | -10.70 | 120 | 3093 | 180 |
| TERRE HAUTE | 78 | 49 | -4 | 0.27 | 11.57 | -5.27 | 114 | 2903 | 104 |
| ST. LOUIS | 81 | 60 | NA | 0.00 | 10.19 | NA | 151 | 3470 | NA |
| BELLEVILLE | 79 | 45 | -8 | 0.00 | 7.14 | -8.69 | 114 | 3070 | 52 |
| BROWNSTOWN | 81 | 52 | -2 | 0.69 | 7.69 | -9.73 | 128 | 2999 | 78 |
| IUKA | 79 | 49 | -6 | 2.00 | 16.38 | 0.72 | 117 | 2922 | -112 |
| LAWRENCEVILLE | 78 | 49 | NA | 0.02 | 8.88 | NA | 113 | 3003 | NA |
| VINCENNES | 78 | 50 | -5 | 0.30 | 8.79 | -9.03 | 113 | 3002 | 80 |
| DIXON SPRINGS | 78 | 52 | -6 | 0.00 | 8.48 | -8.43 | 122 | 3093 | -67 |
| PADUCAH | 82 | 55 | -3 | 0.14 | 8.46 | -9.00 | 140 | 3240 | 43 |
| OLIVE BRANCH | 79 | 55 | -4 | 0.00 | 13.14 | -4.80 | 130 | 3074 | -48 |
| CARBONDALE | 81 | 50 | -5 | 4.22 | 13.88 | -3.46 | 127 | 3062 | 6 |
| C GIRARDEAU | 78 | 58 | NA | 1.86 | 15.08 | NA | 139 | 3289 | NA |

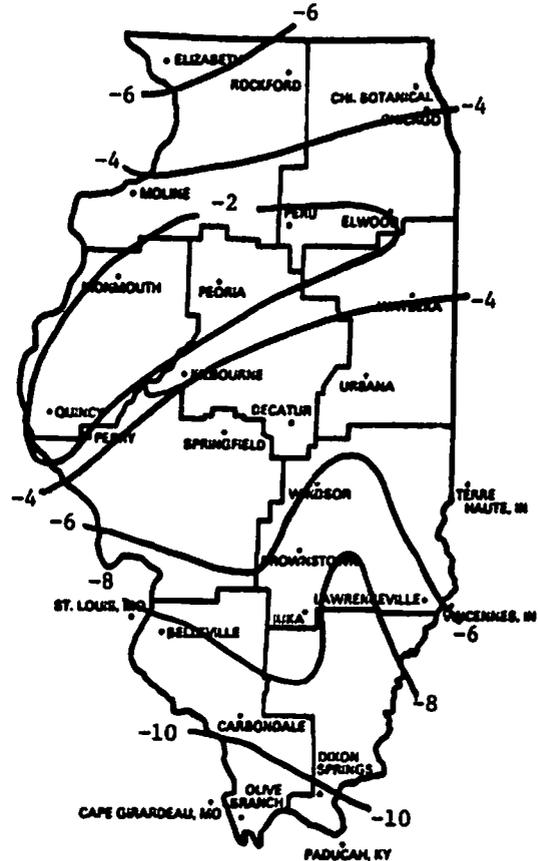
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
 SEPTEMBER 6-12, 1988



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) SEPTEMBER 6-12

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.