

# ILLINOIS

# WEATHER & CROPS



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### CROP HI-LITES

- \*\*\* Soybeans - 85% turning yellow  
60% shedding leaves  
8% harvested
- \*\*\* Corn - 95% mature, 9% harvested
- \*\*\* Soil Moisture - 31% surplus  
56% adequate  
13% short

The CORN crop was 95% mature as of Sunday, September 21. This compares to 77% last year and the 5-year (1975-79) average of 89%. The crop was 9% harvested compared to 1% last year and an average of 5%. Crop condition on Friday, September 19 was reported as 4% excellent, 26% good, 49% fair, and 21% poor. Scattered reports of corn lodging caused by a combination of weak stalks and wind were received. A few reports of ears dropping off were also received.

SOYBEANS were 85% turning yellow on September 21 compared to 78% a year ago and 87% for the average. Sixty percent of the crop was shedding leaves compared to 55% last year and 67% for the average. Eight percent of the crop was harvested compared to 6% last year and the average of 11%. Crop condition on Friday was reported as 4% excellent, 42% good, 48% fair, and 6% poor. A few scattered reports of bean leaf beetle problems were received. Some late soybeans were being sprayed for leaf beetles.

WINTER WHEAT seeding (1981 crop) was 4% complete on September 21 compared to 4% for both last year and the average.

The third cutting of ALFALFA HAY was 91% complete on September 21 compared to 88% last year and the average of 89%. Crop condition on September 19 was reported as 6% excellent, 65% good, 23% fair, and 6% poor.

PASTURE conditions on September 19 were reported as 12% excellent, 54% good, 28% fair, and 6% poor.

SOIL MOISTURE on September 19 was reported as 31% surplus, 56% adequate, and 13% short.

There was an average of 3.75 DAYS SUITABLE for FIELDWORK for the week ending September 19.

MOTOR FUEL SUPPLIES for agricultural uses were generally adequate throughout the State.

MAIN ACTIVITIES included finishing third crop hay, combining corn and soybeans, seeding wheat, and general farmwork.

### WEATHER

TEMPERATURES for the period September 15-21 averaged 1 to 3 degrees above normal throughout the State. These temperatures carried the above normal trend into the eighth week. Highs reached the low 90's late in the period in the southern half of the State.

PRECIPITATION was well distributed throughout the State. The heaviest amounts occurred about the 17th when most of the State received over 1 inch of rain. The week's total amount ranged from 1 to 3 inches in the northern and southern thirds and 2 to 4 inches in the central third.

The OUTLOOK for the period September 22-29 indicates below normal temperatures and below normal precipitation.

### AUGUST

Average monthly TEMPERATURES for August were 2 to 6 degrees above normal except in the Northwest District where the temperatures were near normal. This was the second month that temperatures were above normal over the entire State. A warm period that started at the end of July continued throughout the third week of August and several new maximum records were set throughout the State as readings climbed into the 90's and over 100 degrees. Midmonth was the warmest with a cooling trend developing during the fourth week. However, by the end of the month above normal readings were again recorded.

PRECIPITATION was above normal in the northern two-thirds of the State and below normal in the extreme South. The Northwest recorded the largest amount (4.62 inches above normal) while other districts were from 1 to 3 inches above normal. Three inches of rain fell in the South in the first week and then little or no rain was recorded during the next three weeks. The southeast area was the driest as rainfall averaged nearly 1 inch below normal.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

| Crop and Soil Characteristics                       | NW  | NE  | W   | C   | E   | WSW | ESE | SW  | SE  | STATE | 5-YR. AVG. |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------|
| Soybeans: % turning yellow (Sept. 21)               | 80  | 80  | 85  | 85  | 90  | 85  | 90  | 80  | 85  | 85    | 87         |
| Alfalfa: % 3rd crop cut (Sept. 21)                  | 87  | 87  | 87  | 90  | 97  | 97  | 97  | 99  | 98  | 91    | 89         |
| Days Suitable for fieldwork: (week ending Sept. 19) | 4.0 | 2.0 | 3.5 | 4.0 | 3.5 | 3.5 | 4.0 | 5.5 | 5.5 | 3.75  |            |
| Soil Moisture %: (as of Sept. 19)                   |     |     |     |     |     |     |     |     |     |       |            |
| Short   | --  | --  | --  | --  | 5   | 10  | 15  | 35  | 85  | 13    |            |
| Adequate  | 45  | 5   | 50  | 70  | 80  | 85  | 70  | 55  | 15  | 56    |            |
| Surplus   | 55  | 95  | 50  | 30  | 15  | 5   | 15  | 10  | --  | 31    |            |



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Illinois Weather & Crops  
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# ILLINOIS WEATHER

## PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

|           | NW    | NE    | W     | C     | E     | WSW   | ESE   | SW    | SE    |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| August    | 7.97  | 6.06  | 3.62  | 5.98  | 4.36  | 4.69  | 3.64  | 2.71  | 2.82  |
| Departure | +4.62 | +3.02 | +0.15 | +2.83 | +1.46 | +1.40 | +0.65 | -0.94 | -0.54 |

## MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

|             | July | August | Sept. 1-7 | Sept. 8-14 | Sept. 15-21 |
|-------------|------|--------|-----------|------------|-------------|
| Chicago     | +4   | +4     | +5        | +3         | +3          |
| Moline      | +5   | +3     | +4        | +3         | +2          |
| Springfield | +3   | +4     | +3        | +5         | +3          |
| So. Central | +6   | +6     | +6        | +5         | +3          |

## PRECIPITATION:

First figure--current week, Sept. 12-18  
Parentheses--previous week  
Asterisk--Friday-Sunday  
M--Missing. T--Trace.

| STATION     | September 19 |              |              | September 22    |                         |                |
|-------------|--------------|--------------|--------------|-----------------|-------------------------|----------------|
|             | Maxi-<br>mum | Mini-<br>mum | Aver-<br>age | Current<br>week | 3-year<br>avg.:<br>1979 | Totals<br>1980 |
| Dubuque, IA | --           | --           | --           | 101             | 2,761                   | 2,587 3,032    |
| Moline      | 86           | 46           | 64           | 119             | 3,177                   | 2,982 3,226    |
| Rockford    | 82           | 45           | 63           | M               | 2,938                   | 2,691 M        |
| Chi O'Hare  | 81           | 45           | 65           | 124             | 3,094                   | 2,815 2,976    |
| Quincy      | 94           | 48           | 71           | 163             | 3,414                   | 3,248 3,676    |
| Macomb      | 88           | 49           | 69           | 139             | 3,315                   | 3,118 3,404    |
| Peoria      | 87           | 47           | 67           | 130             | 3,201                   | 2,962 3,285    |
| Springfield | 88           | 50           | 69           | 148             | 3,438                   | 3,197 3,546    |
| Cairo       | 96           | 55           | 75           | 162             | 3,887                   | 3,594 3,904    |
| St. Louis   | --           | --           | --           | 157             | 3,734                   | 3,619 3,938    |

\* Totals are accumulated from April 1. M--Missing.

## ACCUMULATED PRECIPITATION (Inches)

LEGEND: Normal | Actual

April 1-Sept. 30

April 1-Sept. 18

