

ILLINOIS WEATHER & CROPS



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STATISTICAL REPORTING SERVICE - USDA
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CROP HI-LITES

- *** Corn - 93% mature, 15% harvested
- *** Soybeans - 96% turning yellow, 85% shedding leaves 26% harvested
- *** Wheat - 20% seeded
- *** Soil Moisture - 11% short, 80% adequate, 9% surplus

CORN on October 4 was 93% mature, compared to 100% last year and an average of 99%. Fifteen percent of the corn has been harvested compared to 38% in 1980 and an average of 19%.

SOYBEANS as of October 4 were 96% turning yellow compared to 100% last year and an average of 100%. Eighty-five percent of the crop was shedding leaves compared to 96% last year and an average of 96%. Twenty-six percent of the soybean crop has been harvested compared to 57% last year and an average of 48%.

Twenty percent of the 1982 **WINTER WHEAT** crop for Illinois has been seeded as of October 4, compared to 27% last year and an average of 22%.

As of October 4, 6% of the intended ground for **Corn** and **Soybeans** has been **TILLED** for next year's crop. This compares with none last year and an average of 1%.

SORGHUM on October 4 was 25% harvested.

PASTURES on October 2 were reported as 20% excellent, 55% good, 22% fair, and 3% poor.

SOIL MOISTURE on October 2 was reported as 11% short, 80% adequate and 9% surplus.

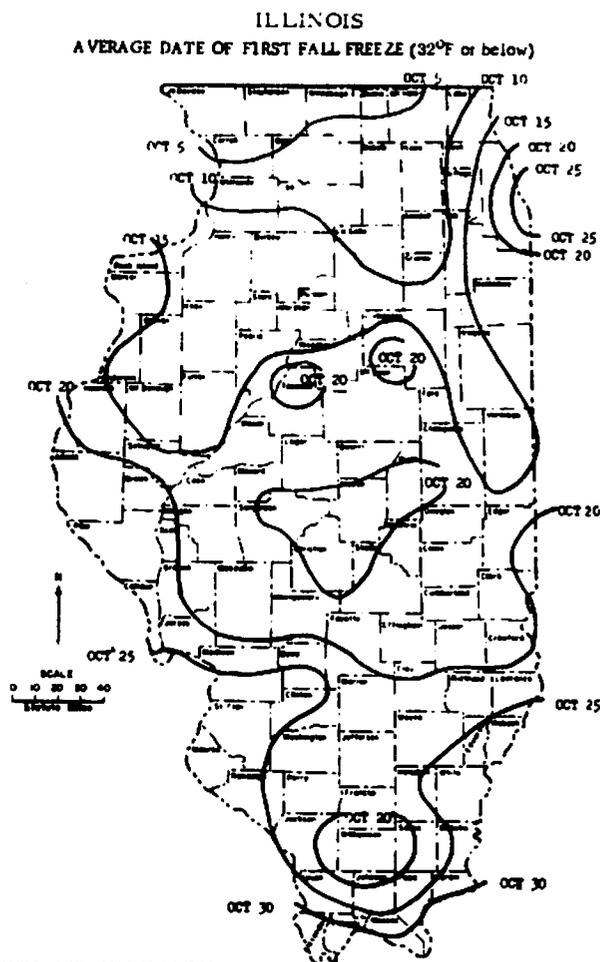
For the week ending October 2, there were **5.00 DAYS SUITABLE FOR FIELDWORK**.

WEATHER

TEMPERATURES for the period of September 28 through October 4 averaged 1 to 6 degrees below normal across the State. Minimum readings fell below the freezing mark in the North, thus ending the growing season. The South recorded minimum temperatures in the mid to upper 30's with frost reported in this area. Several new minimum temperature records were set, especially in the North.

PRECIPITATION was moderate in the North and light in the South. Amounts ranged from .25 to .70 of an inch in the North to trace amounts in some southern areas. However, local areas in the South recorded as much as .50 of an inch of rain on October 4.

The Outlook for the period of October 6 through October 11 is for below normal temperatures and below normal precipitation over the State. The Extended Outlook from October 13 through October 31 is for near normal temperatures and below normal precipitation in Illinois.



ILLINOIS CROP REPORTING DISTRICT SUMMARY

| Crop and Soil Characteristics | NW | NE | W | C | E | WSW | ESE | SW | SE | STATE | 5-YR. AVG. |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------|
| Corn: % harvested | 12 | 12 | 12 | 14 | 10 | 16 | 15 | 40 | 40 | 15 | 19 |
| Soybeans: % turning yellow (as of October 4) | 100 | 100 | 97 | 97 | 98 | 97 | 93 | 88 | 93 | 96 | 100 |
| % combined (as of October 4) | 20 | 18 | 25 | 35 | 20 | 35 | 15 | 25 | 40 | 26 | 48 |
| Days suitable for fieldwork: (week ending October 2) | 3.0 | 4.5 | 4.5 | 4.0 | 3.0 | 7.0 | 5.5 | 5.0 | 7.0 | 5.00 | |
| Soil moisture %: (as of October 2) | | | | | | | | | | | |
| Short | -- | -- | -- | -- | -- | 20 | 5 | 10 | 65 | 11 | |
| Adequate | 90 | 100 | 100 | 100 | 65 | 75 | 30 | 80 | 35 | 80 | |
| Surplus | 10 | -- | -- | -- | 35 | 5 | 15 | 10 | -- | 9 | |

Illinois Weather & Crops
October 5, 1981

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

| | July | August | Aug. 31- Sept. 6 | Sept. 7- 13 | Sept. 14- 20 | Sept. 21- 27 | Sept. 28- Oct. 4 |
|-------------|------|--------|---------------------|----------------|-----------------|-----------------|---------------------|
| Chicago | +1 | 0 | -1 | +3 | -6 | -3 | -6 |
| Moline | -2 | -1 | -2 | +2 | -3 | -2 | -5 |
| Springfield | +1 | 0 | 0 | +2 | -4 | 0 | -2 |
| So. Central | +1 | -1 | -2 | 0 | -6 | 0 | -3 |

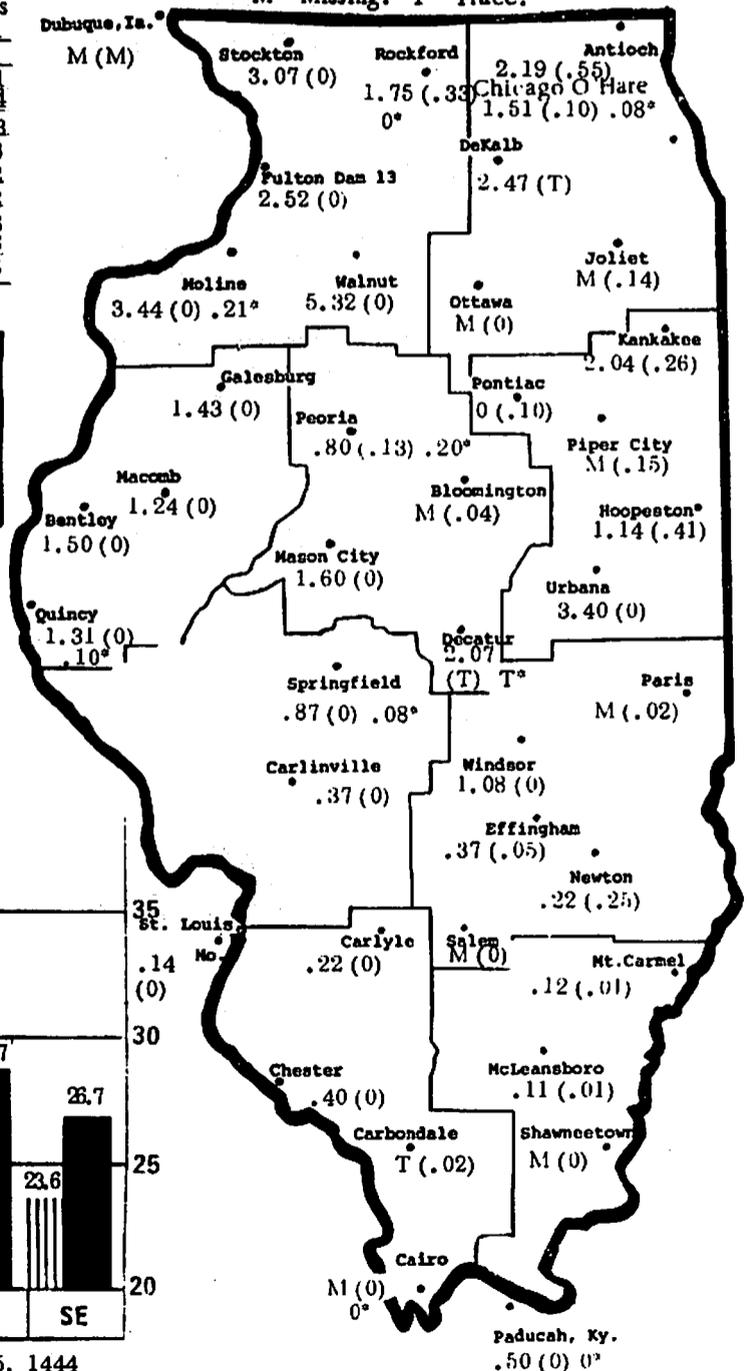
| STATION | October 2 | | | October 5 | | |
|----------------|--------------|--------------|--------------|-----------|----------------|---------------------|
| | Maxi- mum | Mini- mum | Aver- age | Current | 3-year avg. | Totals 1980-1981 |
| Dubuque, IA | -- | -- | -- | M | 2913 | 3132 |
| Moline | 86 | 35 | 60 | 66 | 3260 | 3346 |
| Rockford | 87 | 34 | 60 | 65 | 2999 | 3020 |
| Chicago O'Hare | 83 | 35 | 58 | 62 | 3087 | 3099 |
| Quincy | 88 | 35 | 65 | 97 | 3607 | 3803 |
| Decatur | 85 | 36 | 63 | 73 | 3444 | 3549 |
| Peoria | 89 | 37 | 63 | 85 | 3120 | 3416 |
| Springfield | 90 | 38 | 67 | 98 | 3556 | 3689 |
| Cairo | 86 | 54 | 72 | 102 | 3993 | 4072 |
| St. Louis | -- | -- | -- | 116 | 3910 | 4101 |

* Totals are accumulated from April 1.

Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is 55 degrees, then 25 GDD's will have been accumulated.

PRECIPITATION:

First figure--current week, 9/25-10/2
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.



ACCUMULATED PRECIPITATION
(Inches)

LEGEND: Normal | Actual

April 1-September 30 | April 1-October 1

