

# ILLINOIS WEATHER & CROPS



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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

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## CROPS

Harvest progress was excellent throughout last week and is now nearing completion across the State and should be finished in one or two more weeks. Harvest conditions have been extremely good this fall and has allowed many farmers to harvest virtually non-stop from beginning of harvest to the end. As a result of the open harvest season, soil moisture supplies have become quite short in the Northwest, West, and Central Districts. Those farmers who have finished harvest are cleaning up equipment for winter storage. Other field activities during the week consisted of seeding winter wheat, fall tillage, spreading fertilizer, and shredding stalks. There was an average of six and three-quarter days suitable for fieldwork during the week of October 21 - 27.

By October 29, 88% of the CORN crop was harvested compared to 96% last year and the five-year average of 79%.

By October 29, 96% of the SOYBEAN crop had been harvested, compared to 97% last year and the average of 84%.

By October 29, 80% of the SORGHUM crop had been harvested compared to 91% last year and the average of 73%.

By October 29, 93% of the WINTER WHEAT acreage was seeded, compared to 94% last year and the average of 79%. Seventy percent of the winter wheat had emerged compared to 73% last year and the average of 59%. Condition of the crop on October 27 was reported to be 16% excellent, 72% good, and 12% fair.

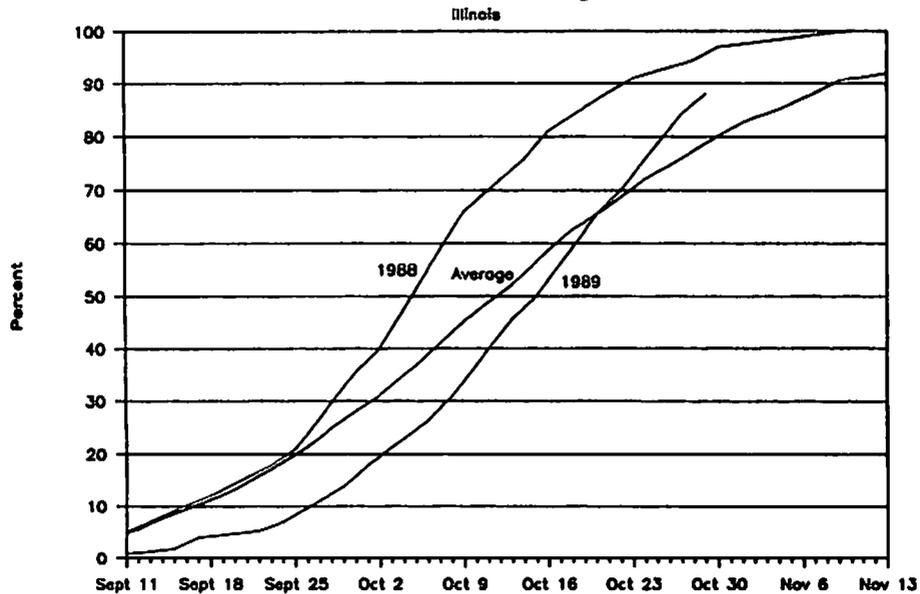
PASTURE condition, as of October 27, was reported as 3% excellent, 53% good, 40% fair, and 4% poor. Pastures were supplying about 64% of livestock roughage requirements, compared to 46% last year and the average of 58%.

SOIL MOISTURE as of October 27, was reported as 50% short and 50% adequate.

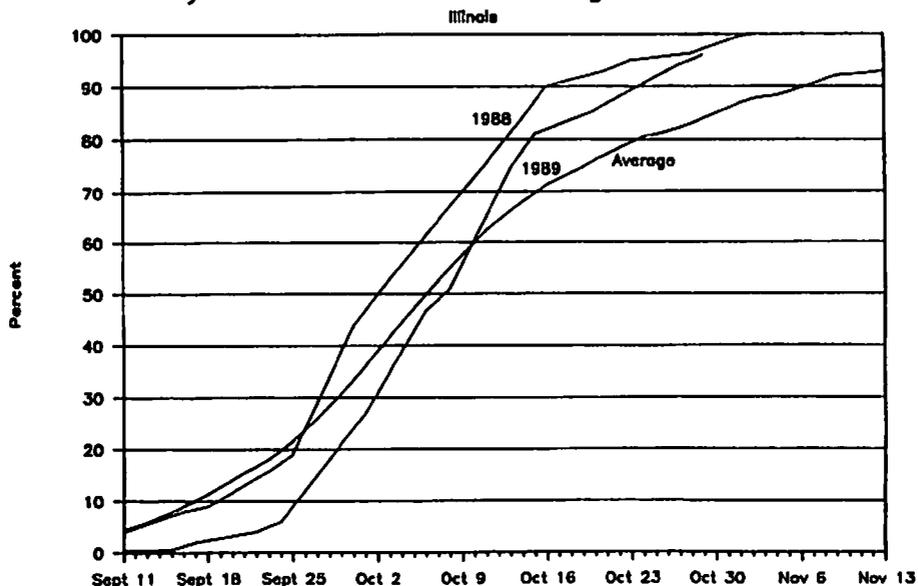
**ILLINOIS DISTRICT SUMMARY**

| District    | Corn Acreage<br>% Harvested | Soybean<br>Acreage %<br>Harvested | Days<br>Suitable<br>For<br>Fieldwork | Soil<br>Moisture Percent |      |         |
|-------------|-----------------------------|-----------------------------------|--------------------------------------|--------------------------|------|---------|
|             |                             |                                   |                                      | Short                    | Adq. | Surplus |
|             | As of October 29            |                                   | As of October 27                     |                          |      |         |
| Northwest   | 85                          | 97                                | 7.0                                  | 80                       | 20   | 0       |
| Northeast   | 70                          | 97                                | 6.5                                  | 45                       | 55   | 0       |
| West        | 94                          | 95                                | 7.0                                  | 100                      | 0    | 0       |
| Central     | 96                          | 99                                | 7.0                                  | 100                      | 0    | 0       |
| East        | 90                          | 99                                | 6.0                                  | 15                       | 85   | 0       |
| W Southwest | 94                          | 95                                | 7.0                                  | 60                       | 40   | 0       |
| E Southeast | 85                          | 93                                | 7.0                                  | 20                       | 80   | 0       |
| Southwest   | 96                          | 94                                | 7.0                                  | 25                       | 75   | 0       |
| Southeast   | 91                          | 90                                | 6.5                                  | 0                        | 100  | 0       |
| State       | 88                          | 96                                | 6.75                                 | 50                       | 50   | 0       |
| 5-Year Avg. | 79                          | 84                                |                                      |                          |      |         |

**Corn – Percent of Acreage Harvested**



**Soybeans – Percent Acreage Harvested**



**WEATHER**

THE WEEK ENDING MONDAY MORNING OCTOBER 30 BROUGHT A RARE COMBINATION OF ABOVE NORMAL TEMPERATURES AND DRY WEATHER TO ILLINOIS THAT FAVORED ALL OUTDOOR ACTIVITIES. LIGHT SHOWERS MOVED INTO THE NORTHWEST SECTIONS OF THE STATE EARLY MONDAY. BRINGING THE FIRST SIGN OF CHANGE IN THE WEATHER PATTERN FOR THE WEEK AHEAD.

AVERAGE TEMPERATURES FOR THE PAST WEEK WERE GENERALLY TEN TO FIFTEEN DEGREES ABOVE NORMAL OVER NORTH AND CENTRAL ILLINOIS. IN THE SOUTH THE DEPARTURES WERE SEVEN TO TEN DEGREES ABOVE NORMAL. SO A RATHER UNIFORM TEMPERATURE PATTERN WAS FELT AS HIGHS ACROSS THE STATE AVERAGED IN THE MID TO UPPER 70'S. BALANCED BY AVERAGE LOWS IN THE RANGE OF MID 40'S TO LOWER 50'S.

NORMAL RAIN AMOUNTS IN THE WEEKLY PERIOD WOULD BE 5 OR 6 TENTHS OF AN INCH. THE MOST THAT ACCUMULATED WAS AROUND 2 TENTHS OF AN INCH IN THE NORTHWEST. THAT LEFT SOILS WITH PLENTY OF ROOM FOR THE EXPECTED MOISTURE EARLY THIS WEEK.

COLDER AIR WILL KEEP DAILY HIGH TEMPERATURES AS LOW AS THE UPPER 40'S NORTH AND MID 50'S IN THE SOUTH FROM WEDNESDAY THROUGH FRIDAY. MINIMUM READINGS WILL APPROACH 30 DEGREES IN THE NORTH AND THE LOW TO MID 30'S SOUTH BY THURSDAY AND FRIDAY MORNINGS. THE COLD FRONT COULD STALL OVER THE LOWER MISSISSIPPI VALLEY AND A CHANCE OF SHOWERS MAY RETURN TO SOUTHERN ILLINOIS BY FRIDAY. OTHERWISE DRY WEATHER IS FORECAST IN THE WAKE OF THE FRONT THIS WEEK.

Week ending 8 A.M. Monday, October 30, 1989

| Location      | Temperatures |              |                | Precipitation |                |                          | Growing Degree Days(50F) |                |                          |
|---------------|--------------|--------------|----------------|---------------|----------------|--------------------------|--------------------------|----------------|--------------------------|
|               | Maxi-<br>mum | Mini-<br>mum | Depar-<br>ture | Curr.<br>week | Since<br>May 1 | Departure<br>since May 1 | Curr.<br>week            | Since<br>May 1 | Departure<br>since May 1 |
| ELIZABETH     | 73           | 46           | 13             | 0.19          | 19.83          | -2.26                    | 88                       | 2,740          | -71                      |
| ROCKFORD      | 74           | 50           | 15             | 0.00          | 20.22          | -2.94                    | 98                       | 3,008          | 171                      |
| CHICAGO       | 74           | 52           | 14             | 0.00          | 22.08          | 2.05                     | 98                       | 3,063          | 175                      |
| CHI BOTANICAL | 75           | 51           | 13             | 0.00          | 19.83          | -1.02                    | 97                       | 2,770          | -365                     |
| ELWOOD        | 74           | 47           | 12             | 0.00          | 25.95          | 4.55                     | 90                       | 3,056          | 119                      |
| WATSEKA       | 75           | 48           | 12             | 0.00          | 27.36          | 4.88                     | 95                       | 3,054          | -44                      |
| PERU          | 75           | 48           | 13             | 0.00          | 18.75          | -2.48                    | 98                       | 3,132          | -77                      |
| MOLINE        | 76           | 53           | 16             | 0.19          | 22.55          | -1.00                    | 113                      | 3,230          | 114                      |
| PEORIA        | 75           | 53           | 15             | 0.00          | 12.60          | -8.59                    | 103                      | 3,227          | 64                       |
| KILBOURNE     | 78           | 52           | 15             | 0.02          | 15.11          | -7.88                    | 115                      | 3,422          | 39                       |
| MONMOUTH      | 74           | 50           | 12             | 0.21          | 20.55          | -1.70                    | 96                       | 3,061          | -164                     |
| QUINCY        | 75           | 55           | 14             | 0.00          | 14.15          | -9.79                    | 112                      | 3,446          | 66                       |
| PERRY         | 76           | 48           | 10             | 0.00          | 20.18          | -1.91                    | 99                       | 3,190          | -277                     |
| SPRINGFIELD   | 75           | 55           | 14             | 0.00          | 16.56          | -2.78                    | 110                      | 3,367          | -76                      |
| URBANA        | 76           | 48           | 12             | 0.00          | 20.30          | -0.66                    | 82                       | 3,290          | 18                       |
| WINDSOR       | 75           | 49           | 10             | 0.00          | 12.90          | -8.26                    | 97                       | 3,419          | -50                      |
| TERRE HAUTE   | 75           | 47           | 10             | 0.00          | 28.68          | 7.74                     | 95                       | 3,360          | 18                       |
| ST LOUIS      | 77           | 59           | NA             | 0.04          | 15.22          | NA                       | 131                      | 3,925          | NA                       |
| BELLEVILLE    | 75           | 45           | 7              | 0.00          | 20.13          | 0.12                     | 94                       | 3,477          | -146                     |
| BROWNSTOWN    | 77           | 51           | 12             | 0.00          | 22.22          | 0.33                     | 106                      | 3,514          | 10                       |
| IUKA          | 77           | 45           | 9              | 0.00          | 15.70          | -3.98                    | 102                      | 3,283          | -348                     |
| LAWRENCEVILLE | 77           | 45           | NA             | 0.00          | 24.68          | NA                       | 99                       | 3,340          | NA                       |
| VINCENNES     | 77           | 47           | 10             | 0.00          | 29.08          | 7.17                     | 100                      | 3,503          | -22                      |
| DIXON SPRINGS | 77           | 48           | 8              | 0.00          | 20.15          | -0.81                    | 110                      | 3,774          | -58                      |
| PADUCAH       | 78           | 47           | 8              | 0.00          | 26.29          | 4.38                     | 110                      | 3,930          | 50                       |
| OLIVE BRANCH  | 76           | 46           | 7              | 0.00          | 15.82          | -6.22                    | 103                      | 3,646          | -102                     |
| CARBONDALE    | 78           | 46           | 9              | 0.00          | 12.83          | -8.57                    | 107                      | 3,560          | -129                     |
| C GIRARDEAU   | 77           | 49           | NA             | 0.00          | 23.79          | NA                       | 107                      | 3,908          | NA                       |

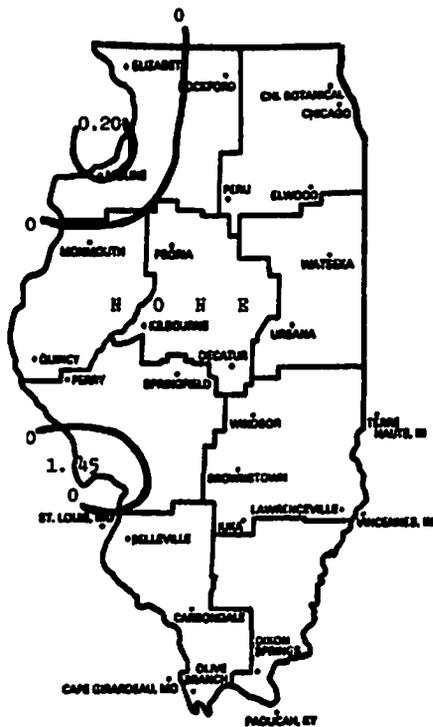
Information above provided by Midwest Agricultural Weather Service Center  
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

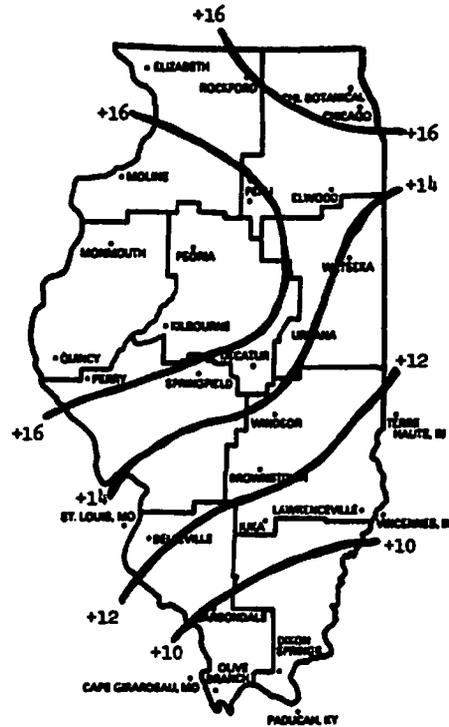
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Champaign, Illinois 61820



PRECIPITATION (INCHES)  
OCT. 24-30, 1989



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) OCT. 24-30, 1989

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.