

# ILLINOIS WEATHER & CROPS



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ILLINOIS DEPARTMENT OF AGRICULTURE  
<http://www.nass.usda.gov/il>

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## Agricultural Summary

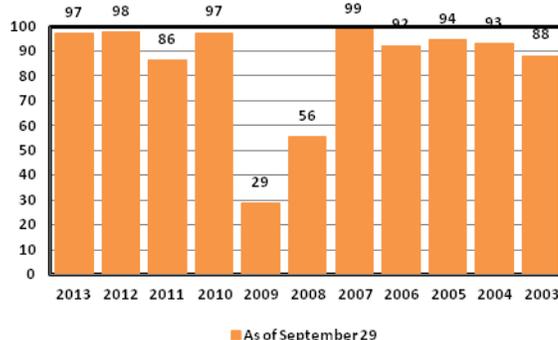
Above average temperatures and minimal precipitation last week allowed many producers to continue harvesting corn, soybeans, and sorghum. Temperatures averaged 64.6 degrees for the week, 3.3 degrees above normal. Precipitation across the state averaged 0.28 inches, 0.47 inches below normal. There were 6.4 days suitable for fieldwork. Topsoil moisture was rated at 21 percent very short, 49 percent short, and 30 percent adequate. Subsoil moisture was rated at 24 percent very short, 45 percent short, and 31 percent adequate. Corn in the dent stage reached 97 percent. Seventy-one percent of the corn crop was mature, compared to 98 percent last year and the 5-year average of 73 percent. Corn harvest has reached 13 percent complete, compared to 69 percent last year and the 5-year average of 34 percent. Corn condition was rated at 2 percent very poor, 8 percent poor, 28 percent fair, 45 percent good, and 17 percent excellent. Soybeans dropping leaves reached 66 percent, compared to 82 percent last year and the 5-year average of 69 percent. Ten percent of the soybean crop has been harvested. Soybean condition was rated at 2 percent very poor, 9 percent poor, 33 percent fair, 47 percent good, and 9 percent excellent. Pasture conditions were rated at 12 percent very poor, 27 percent poor, 44 percent fair, 16 percent good, and 1 percent excellent.

### Crop Progress Percents

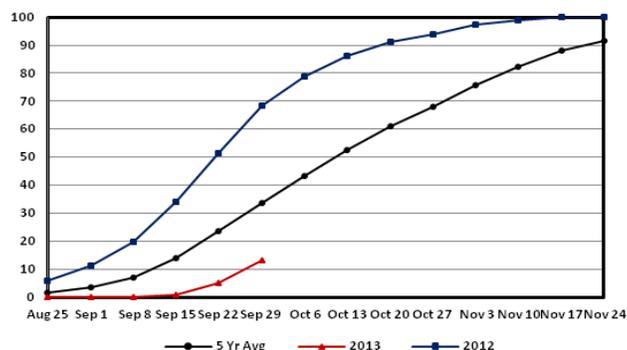
|                      | This Week | Last Week | 2012 | 5-Year Average |
|----------------------|-----------|-----------|------|----------------|
| September 29         |           |           |      |                |
| <b>CORN:</b>         |           |           |      |                |
| Dent                 | 97        | 94        | 100  | 96             |
| Mature               | 71        | 47        | 98   | 73             |
| Harvested            | 13        | 5         | 69   | 34             |
| <b>SOYBEANS:</b>     |           |           |      |                |
| Turning yellow       | 88        | 72        | 97   | 89             |
| Dropping leaves      | 66        | 37        | 82   | 69             |
| Harvested            | 10        | 1         | 20   | 15             |
| <b>SORGHUM:</b>      |           |           |      |                |
| Coloring             | 92        | 89        | 99   | 93             |
| Mature               | 71        | 56        | 86   | 63             |
| Harvested            | 14        | 2         | 25   | 18             |
| <b>ALFALFA HAY:</b>  |           |           |      |                |
| Third cutting        | 95        | 90        | 95   | 99             |
| <b>Winter Wheat:</b> |           |           |      |                |
| Planted              | 6         | 2         | 8    | 8              |
| Emerged              | 2         | 1/        | 1    | 1              |

1/ Data not available or less than one percent

Corn - Percent Mature  
Illinois



Corn - Percent Harvested  
Illinois

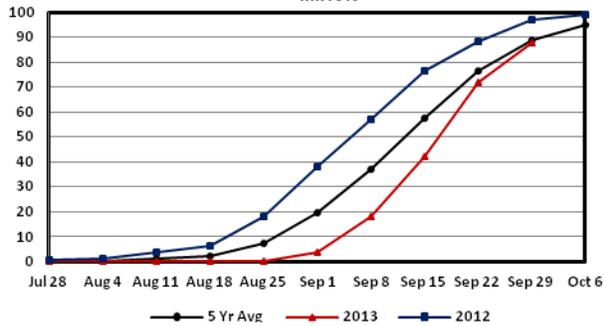


**Crop Condition Percents**

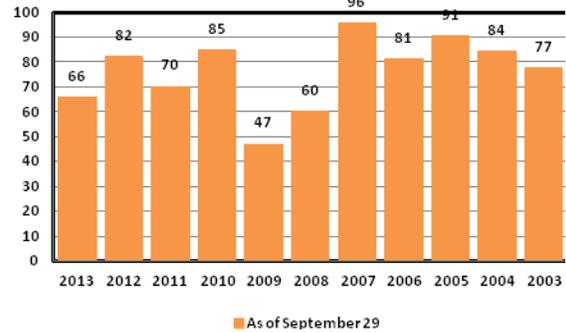
| Crop         | Very Poor | Poor | Fair | Good | Excellent |
|--------------|-----------|------|------|------|-----------|
| September 29 |           |      |      |      |           |
| Corn         | 2         | 8    | 28   | 45   | 17        |
| Soybean      | 2         | 9    | 33   | 47   | 9         |
| Sorghum      | 2         | 7    | 35   | 48   | 8         |
| Alfalfa      | 4         | 11   | 38   | 42   | 5         |
| Pasture      | 12        | 27   | 44   | 16   | 1         |

| District     | Days Suitable For Fieldwork | Topsoil      |       |          |         | Subsoil    |       |          |         |
|--------------|-----------------------------|--------------|-------|----------|---------|------------|-------|----------|---------|
|              |                             | Very Short   | Short | Adequate | Surplus | Very Short | Short | Adequate | Surplus |
| Sept 23 - 29 |                             | September 29 |       |          |         |            |       |          |         |
| Northwest    | 6.4                         | 18           | 47    | 35       | -       | 27         | 60    | 13       | -       |
| Northeast    | 6.4                         | -            | 55    | 45       | -       | 1          | 42    | 57       | -       |
| West         | 6.2                         | 21           | 44    | 35       | -       | 32         | 61    | 7        | -       |
| Central      | 6.4                         | 34           | 39    | 27       | -       | 20         | 39    | 41       | -       |
| East         | 6.5                         | 17           | 57    | 26       | -       | 25         | 43    | 32       | -       |
| W Southwest  | 6.2                         | 13           | 58    | 29       | -       | 14         | 35    | 51       | -       |
| E Southeast  | 6.3                         | 20           | 58    | 22       | -       | 14         | 48    | 38       | -       |
| Southwest    | 6.6                         | 57           | 31    | 11       | 1       | 67         | 18    | 15       | -       |
| Southeast    | 6.7                         | 63           | 9     | 28       | -       | 64         | 21    | 15       | -       |
| State        | 6.4                         | 21           | 49    | 30       | 0       | 24         | 45    | 31       | 0       |

**Soybeans - Percent Turning Yellow**  
Illinois



**Soybeans - Percent Shedding Leaves**  
Illinois

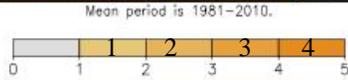
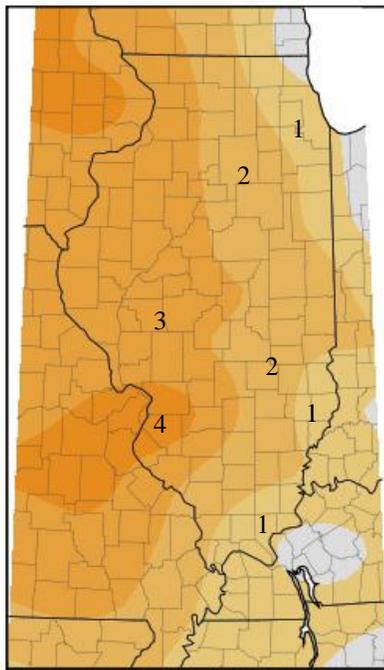


| District     | Corn Dent | Corn Mature | Corn Harvested | Soybeans Turning Yellow | Soybeans Dropping Leaves | Soybeans Harvested |
|--------------|-----------|-------------|----------------|-------------------------|--------------------------|--------------------|
| September 29 |           |             |                |                         |                          |                    |
| Northwest    | 97        | 67          | 12             | 98                      | 86                       | 17                 |
| Northeast    | 100       | 45          | 3              | 90                      | 78                       | 8                  |
| West         | 97        | 76          | 8              | 86                      | 55                       | 4                  |
| Central      | 100       | 83          | 14             | 89                      | 66                       | 7                  |
| East         | 100       | 83          | 16             | 92                      | 69                       | 14                 |
| W Southwest  | 98        | 62          | 14             | 72                      | 41                       | 7                  |
| E Southeast  | 97        | 63          | 7              | 86                      | 62                       | 10                 |
| Southwest    | 100       | 92          | 47             | 92                      | 82                       | 14                 |
| Southeast    | 96        | 91          | 15             | 88                      | 74                       | 11                 |
| State        | 97        | 71          | 13             | 88                      | 66                       | 10                 |

**Weather Information Table**

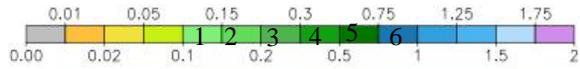
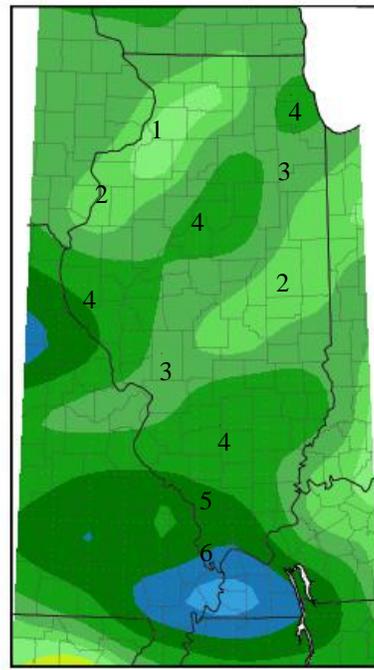
| District          | Temperature |           | Precipitation |           | Growing Degree Days |           |
|-------------------|-------------|-----------|---------------|-----------|---------------------|-----------|
|                   | Average     | Departure | Total         | Departure | Since May 1         | Departure |
| September 23 - 29 |             |           |               |           |                     |           |
| Northwest         | 62.5        | 3.8       | 0.16          | -0.70     | 2793                | 24        |
| Northeast         | 61.5        | 2.3       | 0.28          | -0.54     | 2731                | -6        |
| West              | 65.2        | 3.9       | 0.28          | -0.57     | 3037                | -7        |
| Central           | 64.4        | 3.4       | 0.31          | -0.40     | 2978                | -2        |
| East              | 63.4        | 2.7       | 0.20          | -0.51     | 2944                | 6         |
| W Southwest       | 66.1        | 3.7       | 0.28          | -0.39     | 3109                | -43       |
| E Southeast       | 65.8        | 3.1       | 0.28          | -0.45     | 3132                | -44       |
| Southwest         | 66.9        | 3.5       | 0.48          | -0.21     | 3264                | -18       |
| Southeast         | 66.7        | 2.8       | 0.35          | -0.40     | 3323                | -12       |
| State             | 64.6        | 3.3       | 0.28          | -0.47     | 3022                | -11       |

Average Temperature (°F): Departure from Mean  
September 23, 2013 to September 29, 2013



Midwestern Regional Climate Center  
MRCC Applied Climate System  
Generated at: 9/30/2013 1:08:29 PM CDT

Accumulated Precipitation (in)  
September 23, 2013 to September 29, 2013



Midwestern Regional Climate Center  
MRCC Applied Climate System  
Generated at: 9/30/2013 1:22:19 PM CDT

Weather data provided by the Midwestern Regional Climate Center  
Visit their home page at <http://mrcc.isws.illinois.edu/>  
(217) 244-8226

Maps are available in color on our website <http://www.nass.usda.gov/il>

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<http://www.nass.usda.gov/il/wc.htm>

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