

# ILLINOIS WEATHER & CROPS



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 U.S. DEPARTMENT OF AGRICULTURE  
 ILLINOIS DEPARTMENT OF AGRICULTURE  
<http://www.agstats.state.il.us>

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 VOL. 23, NO. 17

## Agricultural Summary

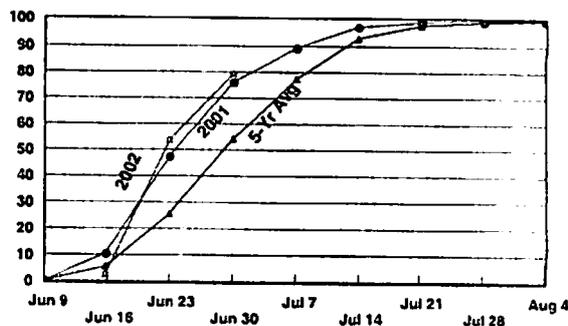
Hot and dry weather covered the state last week with typical summer thunderstorms occurring around midweek. The isolated showers that moved through were great "if you happened to be under one" as one reporter stated. "The heat and lack of widespread rain is beginning to show on the lighter soils" in many areas. Livestock were also showing signs of stress under the warm temperatures. Spraying for potato leaf hoppers in alfalfa continues as well as spraying for weeds in soybeans. Oats were being chopped for silage in the north and wheat harvest continued in the south. Wheat harvest progressed to 79 percent complete, compared to 76 percent last year and the average of 54 percent. Test weights have been reported good with yields all over the board. Double-crop soybean planting virtually wrapped up last week as wheat harvest in the south was finishing up. Green bean and sweet corn harvest continued with early pea harvest nearly complete. Vegetable growers were busy keeping their irrigation running last week. Most crops look good but will begin to need rain soon. Other activities last week included baling wheat straw, cutting and baling alfalfa, sidedressing anhydrous in late corn plantings and hauling grain.

### Crop Progress

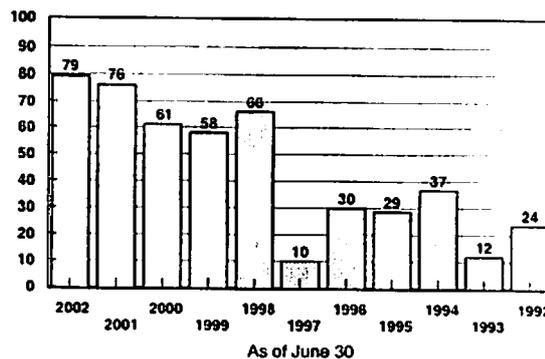
| Crop Stage          | 2002 | 2001 | 5-Year Average |
|---------------------|------|------|----------------|
| June 30             |      |      |                |
| <b>CORN:</b>        |      |      |                |
| Silked              | 1    | 10   | 5              |
| Height (inches)     | 34   | 53   | 46             |
| <b>SOYBEANS:</b>    |      |      |                |
| Planted             | 99   | 99   | 98             |
| Emerged             | 98   | 99   | N/A            |
| Blooming            | 4    | 18   | 11             |
| Setting Pods        | 1/   | 1    | 0              |
| <b>SORGHUM:</b>     |      |      |                |
| Planted             | 98   | 99   | 91             |
| Headed              | 5    | 7    | 2              |
| <b>WHEAT:</b>       |      |      |                |
| Turning yellow      | 99   | 99   | 98             |
| Ripe                | 91   | 90   | 84             |
| Harvested           | 79   | 76   | 54             |
| <b>OATS:</b>        |      |      |                |
| Headed              | 98   | 95   | 94             |
| Filled              | 72   | 66   | 65             |
| Turning yellow      | 33   | 31   | 23             |
| Ripe                | 10   | 11   | 7              |
| Harvested           | 4    | 2    | 1              |
| <b>ALFALFA HAY:</b> |      |      |                |
| Second cutting      | 34   | 35   | 29             |
| <b>RED CLOVER:</b>  |      |      |                |
| Percent cut         | 89   | 88   | 83             |

1/ Less than one percent

Winter Wheat - Percent Harvested  
Illinois



Winter Wheat - Percent Harvested  
Illinois



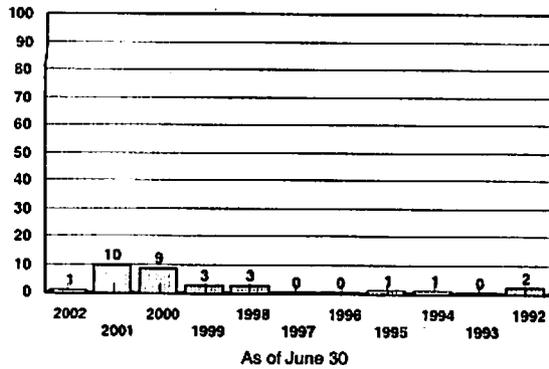
**Crop Conditions**

| Crop       | : Very Poor | : Poor | : Fair | : Good | : Excellent |
|------------|-------------|--------|--------|--------|-------------|
|            | June 30     |        |        |        |             |
| Corn       | 2           | 8      | 33     | 44     | 13          |
| Soybeans   | 2           | 8      | 33     | 45     | 12          |
| Sorghum    | -           | 1      | 36     | 60     | 3           |
| Oats       | 1           | 3      | 21     | 64     | 11          |
| Alfalfa    | -           | 5      | 31     | 53     | 11          |
| Red Clover | -           | 1      | 38     | 53     | 8           |
| Pasture    | 2           | 8      | 27     | 50     | 13          |

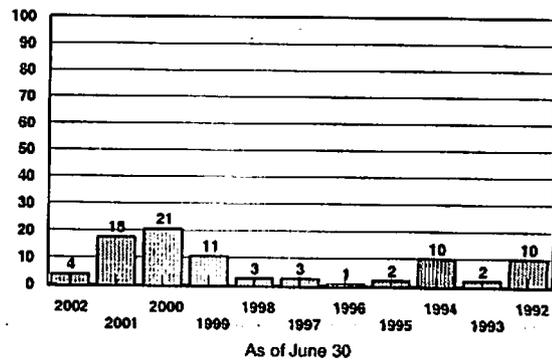
**Soil Moisture and Days Suitable for Fieldwork Table**

| District     | Days Suitable<br>for Fieldwork | Topsoil Moisture |         |            |           |
|--------------|--------------------------------|------------------|---------|------------|-----------|
|              |                                | : Very Short     | : Short | : Adequate | : Surplus |
|              | June 24 - 30                   |                  | June 30 |            |           |
| Northwest    | 5.9                            | 1                | 11      | 86         | 2         |
| Northeast    | 5.9                            | 23               | 16      | 57         | 4         |
| West         | 6.8                            | -                | 40      | 59         | 1         |
| Central      | 6.3                            | 5                | 43      | 51         | 1         |
| East         | 5.0                            | 8                | 29      | 54         | 9         |
| W. Southwest | 6.3                            | -                | 27      | 71         | 2         |
| E. Southeast | 6.3                            | 12               | 26      | 58         | 4         |
| Southwest    | 5.7                            | -                | 30      | 63         | 7         |
| Southeast    | 4.8                            | 4                | 15      | 60         | 21        |
| State        | 5.9                            | 6                | 27      | 62         | 5         |

**Corn - Percent Silked**  
Illinois



**Soybeans - Percent Blooming**  
Illinois



**Crop Progress by Districts**

| District    | Soybeans Planted |
|-------------|------------------|
|             | June 30          |
| Northwest   | 99               |
| Northeast   | 100              |
| West        | 99               |
| Central     | 100              |
| East        | 100              |
| W Southwest | 99               |
| E Southeast | 99               |
| Southwest   | 99               |
| Southeast   | 96               |
| State       | 99               |

**Weather Information Table**

| Location               | Temperature  |              |                 | Precipitation   |                |                 | Growing Degree Days |                |                 |
|------------------------|--------------|--------------|-----------------|-----------------|----------------|-----------------|---------------------|----------------|-----------------|
|                        | Maxi-<br>mum | Mini-<br>mum | Deapar-<br>ture | Current<br>week | Since<br>May 1 | Deapar-<br>ture | Current<br>week     | Since<br>May 1 | Deapar-<br>ture |
| June 24 - 30           |              |              |                 |                 |                |                 |                     |                |                 |
| <b>Northwest:</b>      |              |              |                 |                 |                |                 |                     |                |                 |
| Freeport               | 93           | 61           | 5               | 0.35            | 10.24          | 2.68            | 178                 | 821            | -42             |
| Kewanee                | 91           | 60           | 4               | 0.90            | 10.46          | 2.65            | 187                 | 876            | -78             |
| Moline                 | 93           | 60           | 5               | 0.12            | 9.71           | 1.14            | 201                 | 973            | -26             |
| Mount Carroll          | 91           | 58           | 6               | 1.36            | 13.95          | 5.23            | 177                 | 836            | 7               |
| Paw Paw                | 90           | 61           | 5               | 0.35            | 10.32          | 2.18            | 180                 | 820            | -20             |
| Rochelle               | 92           | 60           | 5               | 0.00            | 9.20           | 0.74            | 189                 | 827            | -98             |
| Rockford               | 91           | 59           | 5               | 0.04            | 10.47          | 2.29            | 182                 | 852            | -18             |
| <b>Northeast:</b>      |              |              |                 |                 |                |                 |                     |                |                 |
| Aurora                 | 93           | 58           | 6               | 0.24            | 7.84           | -0.19           | 186                 | 876            | -11             |
| Chicago                | 92           | 60           | 7               | 0.08            | 9.01           | 1.91            | 192                 | 852            | -6              |
| Lake Villa             | 91           | 61           | 7               | 0.05            | 6.55           | -0.58           | 184                 | 736            | -23             |
| McHenry                | 91           | 56           | 4               | 0.01            | 6.26           | -1.63           | 172                 | 736            | -95             |
| Morris                 | 95           | 64           | 6               | 1.59            | 9.31           | 1.75            | 200                 | 913            | -38             |
| Ottawa                 | 92           | 63           | 3               | 1.20            | 9.31           | 1.41            | 190                 | 909            | -120            |
| Park Forest            | 92           | 62           | 4               | 1.25            | 9.67           | 1.67            | 181                 | 862            | -34             |
| <b>West:</b>           |              |              |                 |                 |                |                 |                     |                |                 |
| Galesburg              | 91           | 61           | 4               | 0.00            | 11.87          | 4.31            | 189                 | 936            | -76             |
| Prairie City           | 90           | 64           | 4               | 0.00            | 12.07          | 3.86            | 191                 | 944            | -65             |
| Quincy                 | 92           | 64           | 4               | 0.20            | 11.95          | 3.49            | 202                 | 1085           | 6               |
| <b>Central:</b>        |              |              |                 |                 |                |                 |                     |                |                 |
| Bloomington            | 97           | 66           | 4               | 0.20            | 8.77           | 0.82            | 198                 | 1006           | -98             |
| Decatur                | 93           | 67           | 6               | 0.88            | 14.00          | 5.82            | 214                 | 1128           | 16              |
| Havana                 | 93           | 59           | 3               | 0.00            | 13.03          | 5.55            | 194                 | 996            | -101            |
| Lincoln                | 94           | 61           | 4               | 0.12            | 7.58           | -0.58           | 196                 | 1030           | -42             |
| Peoria                 | 91           | 63           | 6               | 0.01            | 9.34           | 1.65            | 205                 | 1059           | 32              |
| <b>East:</b>           |              |              |                 |                 |                |                 |                     |                |                 |
| Champaign              | 93           | 62           | 5               | 0.04            | 9.18           | 1.14            | 200                 | 1036           | -27             |
| Pontiac                | 92           | 64           | 4               | 4.10            | 11.37          | 3.63            | 187                 | 941            | -79             |
| <b>West Southwest:</b> |              |              |                 |                 |                |                 |                     |                |                 |
| Carlinville            | 91           | 65           | 4               | 0.66            | 13.97          | 5.95            | 201                 | 1089           | -68             |
| Morrisonville          | 91           | 64           | 4               | 0.38            | 17.33          | 9.34            | 198                 | 1044           | -59             |
| Springfield            | 90           | 63           | 4               | 0.35            | 13.16          | 6.11            | 202                 | 1101           | -15             |
| <b>East Southeast:</b> |              |              |                 |                 |                |                 |                     |                |                 |
| Effingham              | 92           | 64           | 4               | 0.30            | 13.16          | 4.87            | 200                 | 1083           | -14             |
| Flora                  | 92           | 64           | 4               | 0.44            | 10.74          | 2.09            | 202                 | 1190           | 30              |
| Hutsonville            | 96           | 64           | 4               | 0.84            | 13.88          | 5.71            | 206                 | 1152           | -7              |
| Iuka                   | 93           | 64           | 3               | 0.29            | 8.93           | 0.72            | 203                 | 1079           | -114            |
| Newton                 | 89           | 64           | 3               | 2.80            | 14.78          | 7.18            | 190                 | 1029           | -71             |
| Paris                  | 91           | 63           | 4               | 0.37            | 10.42          | 2.38            | 204                 | 1072           | -53             |
| Windsor                | 90           | 64           | 4               | 0.51            | 11.44          | 3.74            | 202                 | 1129           | 6               |
| <b>Southwest:</b>      |              |              |                 |                 |                |                 |                     |                |                 |
| Carbondale             | 91           | 67           | 3               | 0.02            | 8.80           | 0.09            | 205                 | 1238           | 53              |
| Lebanon                | 91           | 67           | 4               | 1.00            | 12.75          | 4.99            | 205                 | 1146           | -32             |
| Steeleville            | 94           | 64           | 3               | 0.08            | 14.49          | 6.69            | 206                 | 1165           | -85             |
| <b>Southeast:</b>      |              |              |                 |                 |                |                 |                     |                |                 |
| Benton                 | 92           | 67           | 4               | 3.43            | 12.89          | 4.94            | 208                 | 1200           | 9               |
| Grayville              | 94           | 65           | 4               | 1.83            | 11.95          | 2.94            | 215                 | 1206           | -66             |
| Mt Vernon              | 91           | 67           | 3               | 3.31            | 11.80          | 3.97            | 199                 | 1110           | -22             |

Data is for the weekly period that ends on Sunday at 8:00 a.m.  
 Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

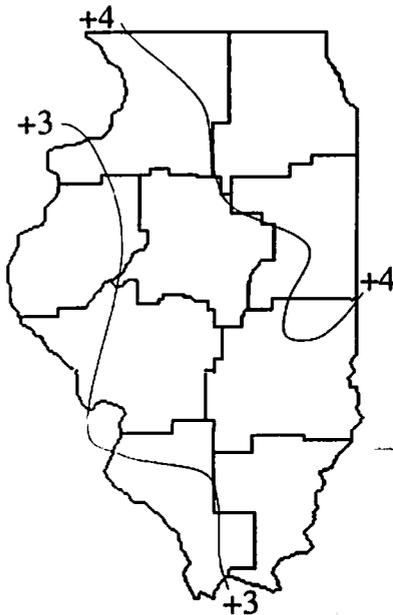
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NEWSPAPER TIME VALUE

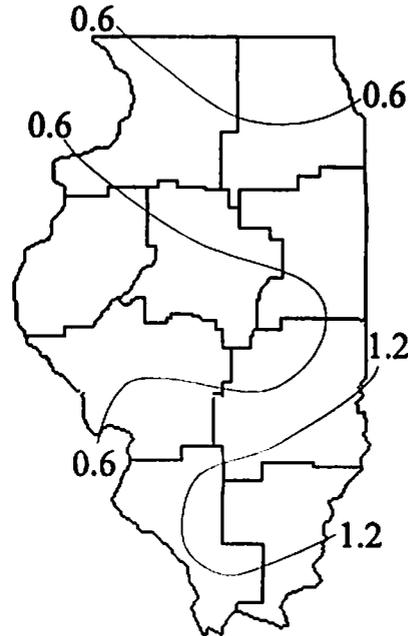
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Maps provided by the Illinois State Water Survey  
Visit their home page at <http://mcc.sws.uiuc.edu>  
(217)244-8226



Temperature (°F) Departure  
June 24 - 30



Precipitation (in.) Total  
June 24 - 30

Crop PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Farm Service Agency, Extension Service, National Resources Conservation Service, Farm Business Farm Management field staff, and agribusiness managers.

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