



# Crop Weather



No. 15 - July 14, 2008

Cooperating with Ohio Department of Agriculture  
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## OHIO CROP WEATHER HIGHLIGHTS

The average temperature for the State was 74.1 degrees, 0.9 degrees above normal for the week ending Sunday, July 13, 2008. Precipitation averaged 1.68 inches, 0.77 inches above normal. There were 146 modified growing degree days, 12 days below normal.

Reporters rated 3.9 days suitable for fieldwork during the seven-day period ending Friday, July 11, 2008. Topsoil moisture was rated 0 percent very short, 0 percent short, 66 percent adequate, and 34 percent surplus.

### Days Suitable for Fieldwork

|              | Current Week | Previous Week | Since 1st week of April |
|--------------|--------------|---------------|-------------------------|
|              | <i>Days</i>  | <i>Days</i>   | <i>Days</i>             |
| 2008         | 3.9          | 3.0           | 49.2                    |
| 2007         | 6.2          | 5.9           | 76.2                    |
| 2003-07 Avg. | 4.4          | 5.7           | 63.2                    |

### Topsoil Moisture

|                    | Very Short     | Short          | Adequate       | Surplus        |
|--------------------|----------------|----------------|----------------|----------------|
|                    | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Current Week ..... | 0              | 0              | 66             | 34             |
| Last Week.....     | 0              | 1              | 55             | 44             |
| Same Week          |                |                |                |                |
| Last Year .....    | 37             | 42             | 21             | 0              |
| 2003-07            |                |                |                |                |
| Average .....      | 12             | 25             | 54             | 9              |

## FIELD ACTIVITIES AND CROP PROGRESS WEEK ENDING SUNDAY JULY 13, 2008

The heavy rainfalls of the past month have subsided. This has allowed operators to harvest winter wheat and plant double crop soybeans. Other field activities for the week include cutting and baling hay, spraying herbicides and insecticides, and harvesting of sweet corn and tomatoes. Due to heavy rainfall during the past few weeks, Northwest district reporters have observed bacterial spot, downey mildew and septoria in soybean fields. Northwest reporters have also observed rust and gray leaf in corn fields. Japanese beetles are starting to feed on soybean leaves and corn silk.

Southeast district reporters have seen early blight in tomatoes and phytophthora and blight in pepper fields.

As of Sunday July 13 **winter wheat** ripe was 99 percent, identical to last year, but up 1 percentage point from the five-year average. Forty-three percent of the winter wheat was harvested, compared to 94 percent last year and 63 percent for the five-year average. **Soybeans** blooming were at 22 percent, 36 percentage points behind last year and 22 percentage points behind the five-year average. **Corn** silked or tasseled was at 4 percent, compared to 38 percent last year and 23 percent for the five-year average. Fourteen percent of the **Oats** were ripe compared to 50 percent last year and 30 percent for the five-year average. Oats harvested were at 1 percent, 11 percentage points behind last year and 4 percentage points behind the five-year average. Summer apple varieties were 11 percent harvested, which were 3 percentage points ahead of last year, but 3 percentage points behind the five-year average. Peach varieties were 4 percent harvested, compared to 13 percent last year and 8 percent for the five-year average.

The **alfalfa hay** second cutting was reported at 45 percent, 29 percentage points behind last year and 5 percentage points behind the five-year average. Ninety-five percent of the **other hay** first cutting was complete, compared to 100 percent last year and 97 percent for the five-year average. The second cutting of other hay was reported at 18 percent, compared to 45 percent last year and 26 percent for the five-year average.

## CROP AND LIVESTOCK CONDITION

**Corn** condition was rated at 70 percent in fair-to-good condition, down 2 percentage points from last week. **Hay** condition was rated at 73 percent in fair-to-good condition, up 1 percentage point from last week. **Oats** condition was rated at 82 percent in fair-to-good condition, compared to 87 percentage points last week. **Pasture** condition was rated at 78 percent in fair-to-good condition, compared to 77 last week. **Soybeans** condition was rated at 73 percent in fair-to-good condition, down 2 percentage points from last week. Seventy-one percent of the **winter wheat** acreage was rated in fair-to-good condition, down 4 percentage points from last week. Eighty-three percent of the **livestock** were in fair-to-good condition, down 2 percentage points from last week. South Central district reporters indicated that livestock are doing well, but are getting thin because the grass has a high water percentage due to recent rainfalls.

## PERCENT PROGRESS OF CROPS FOR THE WEEK ENDING SUNDAY, JULY 13

| Crop                      | 2008           | 2007           | 2003-2007 Average | Previous Week  |                |
|---------------------------|----------------|----------------|-------------------|----------------|----------------|
|                           |                |                |                   | Ohio           | U.S.           |
|                           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i> |
| Alfalfa Hay 2nd Cutting   | 45             | 74             | 50                | 27             | NA             |
| Apples Harvested (Summer) | 11             | 8              | 14                | 2              | NA             |
| Corn Silked (Tasseled)    | 4              | 38             | 23                | 1              | NA             |
| Oats Ripe                 | 14             | 50             | 30                | 11             | NA             |
| Oats Harvested            | 1              | 12             | 5                 | NA             | 9              |
| Other Hay 1st Cutting     | 95             | 100            | 97                | 85             | NA             |
| Other Hay 2nd Cutting     | 18             | 45             | 26                | 10             | NA             |
| Peaches Harvested         | 4              | 13             | 8                 | NA             | NA             |
| Soybeans Blooming         | 22             | 58             | 44                | 11             | 12             |
| Winter Wheat Ripe         | 99             | 99             | 98                | 65             | NA             |
| Winter Wheat Harvested    | 43             | 94             | 63                | 4              | 52             |

**PERCENT CONDITION OF MAJOR CROPS FOR THE WEEK ENDING JULY 13**

|                 |                    | Very Poor      | Poor           | Fair           | Good           | Excellent      |
|-----------------|--------------------|----------------|----------------|----------------|----------------|----------------|
|                 |                    | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| CORN            | Current Week.....  | 4              | 9              | 29             | 41             | 17             |
|                 | Previous Week..... | 3              | 10             | 32             | 40             | 15             |
|                 | Previous Year..... | 7              | 17             | 33             | 35             | 8              |
| HAY             | Current Week.....  | 2              | 9              | 28             | 45             | 16             |
|                 | Previous Week..... | 4              | 11             | 28             | 44             | 13             |
|                 | Previous Year..... | 16             | 28             | 36             | 18             | 2              |
| LIVESTOCK       | Current Week.....  | 0              | 1              | 19             | 64             | 16             |
|                 | Previous Week..... | 0              | 1              | 20             | 65             | 14             |
|                 | Previous Year..... | NA             | NA             | NA             | NA             | NA             |
| OATS            | Current Week.....  | 0              | 4              | 23             | 59             | 14             |
|                 | Previous Week..... | 0              | 3              | 24             | 63             | 10             |
|                 | Previous Year..... | 3              | 21             | 34             | 37             | 5              |
| PASTURE         | Current Week.....  | 1              | 5              | 27             | 51             | 16             |
|                 | Previous Week..... | 1              | 5              | 28             | 49             | 17             |
|                 | Previous Year..... | 27             | 31             | 26             | 15             | 1              |
| SOYBEANS        | Current Week.....  | 5              | 11             | 31             | 42             | 11             |
|                 | Previous Week..... | 4              | 10             | 34             | 41             | 11             |
|                 | Previous Year..... | 7              | 17             | 36             | 33             | 7              |
| WINTER<br>WHEAT | Current Week.....  | 1              | 4              | 17             | 54             | 24             |
|                 | Previous Week..... | 1              | 4              | 22             | 53             | 20             |
|                 | Previous Year..... | NA             | NA             | NA             | NA             | NA             |

**WEATHER SUMMARY FOR THE WEEK ENDING SUNDAY, JULY 13**

| Region          | Temperature    |                | Precipitation |               |               |               | Growing Degree Days <sup>1</sup> |             |              |             |
|-----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------------------------|-------------|--------------|-------------|
|                 | Last Week      | Dev.           | Last Week     | Dev.          | Since Apr.1   | Dev.          | Last Week                        | Dev.        | Since Apr.1  | Dev.        |
|                 | <i>Degrees</i> | <i>Degrees</i> | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Days</i>                      | <i>Days</i> | <i>Days</i>  | <i>Days</i> |
| Northwest       | 73.4           | 0.1            | 1.48          | 0.71          | 15.86         | 3.62          | 142                              | -16         | 1,365        | -35         |
| North Central   | 74.0           | 1.1            | 1.66          | 0.86          | 16.02         | 3.37          | 144                              | -12         | 1,362        | 2           |
| Northeast       | 74.4           | 3.7            | 1.83          | 0.89          | 14.22         | 1.39          | 147                              | 4           | 1,316        | 37          |
| West Central    | 74.1           | 0.2            | 2.51          | 1.67          | 18.18         | 4.53          | 146                              | -16         | 1,441        | -27         |
| Central         | 74.5           | 0.8            | 1.68          | 0.74          | 18.49         | 4.83          | 145                              | -17         | 1,507        | 20          |
| Central Hills   | 73.8           | 1.8            | 1.97          | 0.98          | 16.71         | 3.11          | 144                              | -8          | 1,381        | 15          |
| Northeast Hills | 73.8           | 1.9            | 1.43          | 0.38          | 14.39         | 0.97          | 147                              | -4          | 1,379        | -6          |
| Southwest       | 74.7           | 0.1            | 1.55          | 0.62          | 18.14         | 3.39          | 148                              | -19         | 1,526        | -30         |
| South Central   | 74.3           | -0.1           | 1.34          | 0.42          | 18.22         | 4.90          | 145                              | -19         | 1,571        | -17         |
| Southeast       | 73.9           | 0.9            | 1.54          | 0.58          | 17.96         | 4.55          | 147                              | -10         | 1,498        | 14          |
| <b>STATE</b>    | <b>74.1</b>    | <b>0.9</b>     | <b>1.68</b>   | <b>0.77</b>   | <b>16.97</b>  | <b>3.60</b>   | <b>146</b>                       | <b>-12</b>  | <b>1,442</b> | <b>-3</b>   |

<sup>1</sup> Modified Growing degree days, base 50 - ceiling 86

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