

# Iowa Crops & Weather



USDA – National Agricultural Statistical Service  
Iowa Field Office

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## WIND

**Agricultural Summary:** Farmers have had a hard time applying pesticides due to the wind which means field crops are competing with healthy weeds. The wind has helped dry out hay and allowed hay harvesting to continue. First cutting of hay is showing weeds due to the hard frost earlier in the season. Wind has caused some sand blasting in the field crops. Corn root systems are still shallow but corn yellowed from excess moisture is beginning to green up. Wide variation is being seen in corn stands depending on the date planted. Weather has been good for livestock.

There were 4.8 days suitable for fieldwork, compared to 6.0 days last year at this time. Topsoil moisture rated zero percent very short, 7 percent short, 77 percent adequate, and 16 percent surplus across the state. Subsoil moisture rated zero percent very short, 2 percent short, 78 percent adequate, and 20 percent surplus.

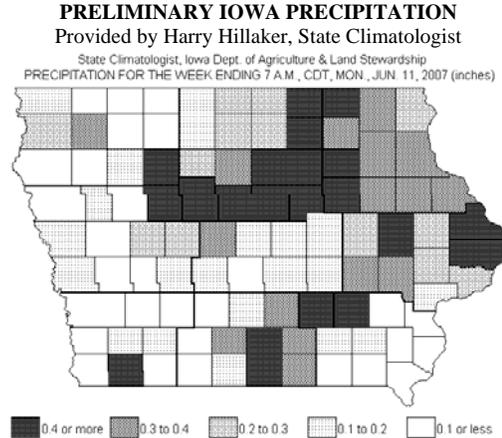
**Field Crops Report:** Oats headed are at 31 percent, behind last year's 38 percent and the five-year average of 37 percent. The condition of the oat crop is zero percent very poor, 2 percent poor, 23 percent fair, 60 percent good, and 15 percent excellent. An estimated 6 percent of the corn has been or will be replanted. Average corn height is 14 inches. Corn condition across the state is 1 percent very poor, 4 percent poor, 18 percent fair, 56 percent good, and 21 percent excellent. Soybeans are 93 percent emerged. Five percent of soybeans have been or will be replanted. Soybean condition is zero percent very poor, 3 percent poor, 19 percent fair, 60 percent good, and 18 percent excellent. First cutting of alfalfa hay, at 49 percent complete, is 11 days behind last year's 84 percent and the five-year average of 59 percent. All hay condition is 2 percent very poor, 9 percent poor, 35 percent fair, 43 percent good, and 11 percent excellent.

**Livestock and Pasture Report:** Pasture condition rated 1 percent very poor, 3 percent poor, 22 percent fair, 57 percent good, and 17 percent excellent.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past week brought mostly dry weather and seasonal temperatures to Iowa. On Monday (4<sup>th</sup>) there were isolated showers and thunderstorms statewide but only a few locations receiving more than one-tenth of an inch. Tuesday (5<sup>th</sup>) was dry while Wednesday (6<sup>th</sup>) brought scattered showers statewide with many central and northeast locations receiving one-tenth to one-half inch rain with a few locally higher amounts. Thursday (7<sup>th</sup>) brought strong thunderstorms to parts of the eastern and south central Iowa but only a few localized areas receiving more than one-tenth of an inch of rain. Friday (8<sup>th</sup>) and Saturday (9<sup>th</sup>) were dry while isolated thunderstorms dampened small parts of far northwest and southwest Iowa on Sunday (10<sup>th</sup>). Rainfall totals for the week varied from none at a few southern and western Iowa locations such as Le Mars, Atlantic, Sidney and Keosauqua to 1.21 inches at Sheldon Airport and 1.09 inches at Fort Dodge Airport. The statewide average precipitation was 0.23 inches while normal for the week is 1.23 inches. Temperatures for the week averaged 0.8 degrees below normal. Temperatures dipped into the 40's overnight at several locations on Tuesday (5<sup>th</sup>), Wednesday (6<sup>th</sup>), Friday (8<sup>th</sup>) and Saturday (9<sup>th</sup>) mornings with Elkader the cold spot with 41 degrees on Saturday. On the other extreme Iowa's first 90 degree readings since May 14 were recorded over small portions of extreme western Iowa on Wednesday (6<sup>th</sup>) and Sunday (10<sup>th</sup>) with Sioux City reporting the highest reading with 91 degrees on Wednesday.

| Item            | Very Poor | Poor    | Fair    | Good    | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
|                 | Percent   | Percent | Percent | Percent | Percent   |
| Corn            | 1         | 4       | 18      | 56      | 21        |
| Hay, all        | 2         | 9       | 35      | 43      | 11        |
| Oats            | 0         | 2       | 23      | 60      | 15        |
| Range & Pasture | 1         | 3       | 22      | 57      | 17        |
| Soybeans        | 0         | 3       | 19      | 60      | 18        |



## Field Work and Crop Progress as of June 10, 2007

| Item                                | Districts |         |         |         |         |         |         |         |         | State   | Last Week | Last Year | Normal  |
|-------------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|---------|
|                                     | NW        | NC      | NE      | WC      | C       | EC      | SW      | SC      | SE      |         |           |           |         |
| Corn, average tallest height        | 23        | 25      | 21      | 23      | 24      | 23      | 23      | 25      | 31      | 24      | NA        | NA        | NA      |
| Corn, average height                | 14        | 16      | 13      | 14      | 13      | 15      | 13      | 13      | 17      | 14      | NA        | NA        | NA      |
|                                     | Percent   | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent   | Percent   | Percent |
| Corn replanted                      | 3         | 2       | 5       | 11      | 7       | 5       | 9       | 11      | 5       | 6       | 5         | 8         | NA      |
| Corn stand (normal = 100%)          | 96        | 97      | 93      | 91      | 86      | 96      | 87      | 90      | 92      | 92      | NA        | NA        | NA      |
| Soybeans planted                    | 99        | 100     | 99      | 98      | 97      | 99      | 95      | 93      | 96      | 98      | 93        | 100       | 98      |
| Soybeans emerged                    | 99        | 99      | 99      | 89      | 94      | 97      | 86      | 80      | 88      | 93      | 73        | 93        | 88      |
| Oats headed                         | 44        | 27      | 33      | 12      | 34      | 26      | 39      | 35      | 31      | 31      | 11        | 38        | 37      |
| Hay, alfalfa - first crop harvested | 87        | 69      | 75      | 44      | 55      | 60      | 49      | 33      | 50      | 49      | 15        | 84        | 59      |

## Days Suitable & Soil Moisture Condition as of June 10, 2007

| Item             | Districts |         |         |         |         |         |         |         |         | State   | Last Week | Last Year |
|------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|
|                  | NW        | NC      | NE      | WC      | C       | EC      | SW      | SC      | SE      |         |           |           |
| Days suitable    | 5.2       | 4.7     | 3.9     | 5.8     | 3.9     | 4.5     | 5.9     | 5.1     | 4.1     | 4.8     | 2.6       | 6.0       |
|                  | Percent   | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent   | Percent   |
| Topsoil moisture |           |         |         |         |         |         |         |         |         |         |           |           |
| Very short       | 1         | 0       | 0       | 1       | 0       | 0       | 0       | 0       | 0       | 0       | 0         | 13        |
| Short            | 16        | 10      | 1       | 13      | 1       | 1       | 2       | 3       | 5       | 7       | 2         | 33        |
| Adequate         | 79        | 87      | 72      | 76      | 75      | 92      | 58      | 74      | 81      | 77      | 63        | 52        |
| Surplus          | 4         | 3       | 27      | 10      | 24      | 7       | 40      | 23      | 14      | 16      | 35        | 2         |
| Subsoil moisture |           |         |         |         |         |         |         |         |         |         |           |           |
| Very short       | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0         | 7         |
| Short            | 2         | 5       | 2       | 2       | 1       | 1       | 0       | 0       | 5       | 2       | 2         | 28        |
| Adequate         | 93        | 89      | 78      | 79      | 79      | 89      | 40      | 73      | 68      | 78      | 65        | 64        |
| Surplus          | 5         | 6       | 20      | 19      | 20      | 10      | 60      | 27      | 27      | 20      | 33        | 1         |

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, June 10, 2007**

| STATION                | CURRENT WEEK |    |     |     |               | SINCE APRIL 1 |               |       |              | CURRENT WEEK |  |
|------------------------|--------------|----|-----|-----|---------------|---------------|---------------|-------|--------------|--------------|--|
|                        | TEMPERATURE  |    |     |     | PRECIPITATION |               | PRECIPITATION |       | GDD BASE 50F |              |  |
|                        | HI           | LO | AVG | DFN | TOTAL         | DFN           | TOTAL         | DFN   | TOTAL        | DFN          |  |
| North West District    |              |    |     |     |               |               |               |       |              |              |  |
| Estherville            | 85           | 46 | 66  | 1   | 0.23          | -0.71         | 5.77          | -1.69 | 115          | 5            |  |
| Sioux Center           | 90           | 47 | 70  | 2   | 0.06          | -0.22         | 7.13          | -0.22 | 138          | 12           |  |
| Spencer                | 88           | 42 | 66  | -1  | 0.22          | -0.69         | 5.38          | -2.17 | 117          | 0            |  |
| Spirit Lake            | 88           | 45 | 68  | 3   | 0.00          | -0.97         | 6.55          | -0.41 | 124          | -10          |  |
| North Central District |              |    |     |     |               |               |               |       |              |              |  |
| Britt                  | 85           | 49 | 65  | -4  | 0.75          | -0.26         | 9.99          | 1.97  | 105          | -22          |  |
| Humboldt               | 84           | 51 | 65  | -4  | 0.32          | -0.99         | 9.75          | 1.50  | 107          | -12          |  |
| Mason City             | 88           | 46 | 65  | -2  | 0.27          | -0.78         | 11.35         | 2.81  | 108          | -6           |  |
| Osage                  | 85           | 49 | 63  | -4  | 1.16          | 0.18          | 9.59          | 1.00  | 95           | -36          |  |
| North East District    |              |    |     |     |               |               |               |       |              |              |  |
| Decorah                | 87           | 43 | 66  | -1  | 0.70          | -0.28         | 9.76          | 1.13  | 115          | -1           |  |
| Dubuque                | 84           | 47 | 65  | -2  | 0.62          | -0.36         | 8.29          | -1.09 | 104          | -6           |  |
| Elkader                | 84           | 41 | 64  | -3  | 0.94          | 0.03          | 11.17         | 2.74  | 97           | -37          |  |
| Fayette                | 85           | 49 | 63  | -4  | 1.02          | 0.04          | 12.59         | 3.72  | 95           | -18          |  |
| Waterloo               | 88           | 47 | 67  | -1  | 1.12          | 0.13          | 11.02         | 2.23  | 118          | -2           |  |
| West Central District  |              |    |     |     |               |               |               |       |              |              |  |
| Carroll                | 88           | 51 | 67  | -1  | 0.17          | -0.96         | 12.97         | 3.74  | 121          | -1           |  |
| Castana                | 87           | 50 | 66  | -3  | 0.10          | -1.01         | 13.55         | 5.08  | 113          | -8           |  |
| Guthrie Center         | 87           | 43 | 67  | -2  | 0.25          | -0.90         | 20.95         | 11.81 | 118          | -6           |  |
| Harlan                 | 89           | 51 | 67  | -2  | 0.07          | -0.98         | 14.10         | 5.17  | 119          | -8           |  |
| Jefferson              | 87           | 49 | 67  | 0   | 0.30          | -0.83         | 13.50         | 4.27  | 121          | -1           |  |
| Logan                  | 89           | 48 | 67  | -3  | 0.14          | -0.91         | 15.94         | 7.06  | 124          | -10          |  |
| Rockwell City          | 85           | 50 | 66  | -4  | 0.36          | -0.69         | 13.55         | 5.19  | 112          | -20          |  |
| Sac City               | 87           | 47 | 66  | -2  | 0.23          | -0.89         | 12.03         | 3.42  | 111          | -9           |  |
| Sioux City             | 91           | 47 | 68  | -1  | 0.09          | -0.82         | 12.60         | 5.29  | 130          | -1           |  |
| Central District       |              |    |     |     |               |               |               |       |              |              |  |
| Boone                  | 85           | 45 | 66  | -3  | 0.40          | -0.86         | 13.77         | 4.21  | 111          | -11          |  |
| Des Moines             | 89           | 51 | 70  | 0   | 0.06          | -0.99         | 11.56         | 3.07  | 141          | 4            |  |
| Grundy Center          | 87           | 50 | 66  | 0   | 0.48          | -0.57         | 11.76         | 2.92  | 114          | 1            |  |
| Marshalltown           | 88           | 47 | 67  | -1  | 0.30          | -0.82         | 10.70         | 1.91  | 120          | -1           |  |
| Newton                 | 88           | 50 | 66  | -3  | 0.15          | -0.92         | 10.00         | 1.01  | 115          | -14          |  |
| Perry                  | 86           | 50 | 68  | 1   | 0.25          | -0.88         | 15.89         | 6.92  | 127          | 5            |  |
| Toledo                 | 86           | 49 | 66  | -2  | 0.10          | -0.98         | 9.54          | 0.36  | 111          | -6           |  |
| East Central District  |              |    |     |     |               |               |               |       |              |              |  |
| Cedar Rapids           | 84           | 49 | 66  | -3  | 1.21          | 0.16          | 9.73          | 1.36  | 112          | -14          |  |
| Davenport              | 85           | 50 | 67  | -3  | 0.35          | -0.64         | 8.31          | -0.03 | 120          | -14          |  |
| Iowa City              | 87           | 50 | 68  | -3  | 0.31          | -0.71         | 9.06          | -0.11 | 125          | -16          |  |
| Lowden                 | 86           | 42 | 64  | -4  | 0.34          | -0.77         | 7.92          | -1.58 | 103          | -23          |  |
| Maquoketa              | 84           | 45 | 63  | -5  | 0.88          | -0.21         | 8.96          | 0.42  | 93           | -26          |  |
| Muscatine              | 87           | 55 | 68  | -2  | 0.12          | -0.86         | 8.88          | 0.06  | 129          | 14           |  |
| South West District    |              |    |     |     |               |               |               |       |              |              |  |
| Atlantic               | 88           | 50 | 70  | 3   | 0.00          | -0.98         | 16.09         | 7.81  | 142          | 16           |  |
| Clarinda               | 87           | 46 | 67  | -3  | 0.80          | -0.25         | 14.13         | 4.59  | 118          | -16          |  |
| Glenwood               | 88           | 50 | 68  | -2  | 0.02          | -1.10         | 16.73         | 7.43  | 126          | -9           |  |
| Red Oak                | 87           | 50 | 68  | -3  | 0.33          | -0.86         | 16.93         | 7.30  | 130          | -13          |  |
| Sidney                 | 87           | 53 | 68  | -3  | 0.00          | -0.98         | 13.26         | 4.48  | 128          | -13          |  |
| South Central District |              |    |     |     |               |               |               |       |              |              |  |
| Allerton               | 84           | 50 | 66  | -2  | 0.56          | -0.42         | 15.48         | 6.67  | 114          | 11           |  |
| Beaconsfield           | 85           | 52 | 66  | -3  | 0.21          | -0.77         | 15.60         | 6.94  | 114          | -11          |  |
| Chariton               | 85           | 44 | 66  | -2  | 0.60          | -0.50         | 14.91         | 5.79  | 114          | -9           |  |
| Indianola              | 86           | 46 | 67  | -2  | 0.09          | -0.97         | 10.92         | 1.69  | 119          | -8           |  |
| Leon                   | 85           | 44 | 65  | -3  | 0.25          | -0.80         | 13.55         | 4.06  | 109          | -16          |  |
| South East District    |              |    |     |     |               |               |               |       |              |              |  |
| Bloomfield             | 85           | 49 | 67  | -3  | 0.11          | -0.83         | 11.37         | 2.28  | 117          | -19          |  |
| Burlington             | 88           | 50 | 70  | 1   | 0.04          | -0.87         | 6.53          | -2.05 | 141          | 5            |  |
| Ottumwa                | 87           | 50 | 68  | -3  | 0.15          | -0.69         | 12.37         | 3.90  | 127          | -13          |  |
| Washington             | 86           | 42 | 67  | -5  | 0.14          | -0.77         | 11.36         | 2.90  | 116          | -8           |  |

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2007: AWIS, Inc. All Rights Reserved.

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