

# Iowa Crops & Weather



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For the week ending June 27, 2004

## Iowa Experienced Drier Weather

**Agricultural Summary:** Last week, Iowa experienced drier weather and cool temperatures. Farmers were spraying for weeds in corn and soybeans, harvesting alfalfa, cultivating corn, and side dressing corn with anhydrous. The drier weather improved crop conditions in many areas. Operators cited the need for warm weather.

There were 4.5 **days suitable for fieldwork**, compared to 3.2 days the previous week and 4.5 days last year at this time. **Topsoil moisture** rated 2 percent short, 80 percent adequate and 18 percent surplus across Iowa. **Subsoil moisture** rated 4 percent short, 78 percent adequate, and 18 percent surplus.

**Field Crops Report:** The **corn stand** was reported as 93 percent of normal. The **average corn height** was 36 inches, while the **tallest corn height** was 49 inches. **Corn condition** was rated 2 percent very poor, 6 percent poor, 17 percent fair, 56 percent good, and 19 percent excellent. **Soybean condition** was rated 2 percent very poor, 6 percent poor, 20 percent fair, 55 percent good, and 17 percent excellent. The **oat acreage headed** was 93 percent, compared to 81 percent the previous week, and two days ahead of the 5-year average of 90 percent. The **oat acreage turning color** was 16 percent. **Oat condition** was rated 4 percent poor, 19 percent fair, 60 percent good, and 17 percent excellent. The **first cutting of alfalfa** was 91 percent complete, compared to 83 percent the previous week. **Hay condition** was 1 percent very poor, 4 percent poor, 18 percent fair, 55 percent good, and 22 percent excellent.

**Livestock, Pasture, and Range Report:** Overall, livestock

conditions were good except for flies bothering some cattle. **Pasture and range condition** was rated 3 percent poor, 17 percent fair, 55 percent good, and 25 percent excellent.

## Iowa Weather Summary

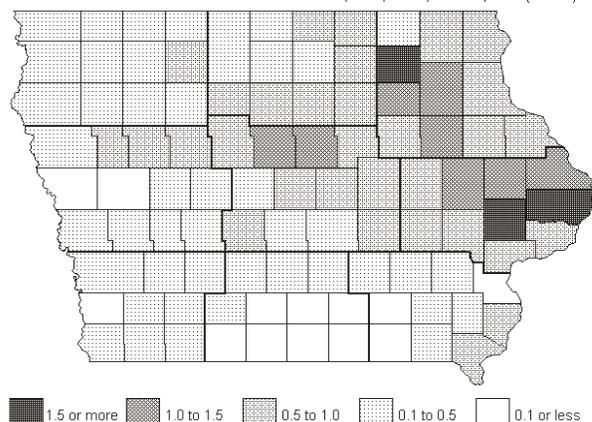
It was an unseasonably cool week across Iowa with temperatures averaging 8.6 degrees below normal. Daytime highs were in the 70's in most areas of Iowa this past week with the exception of Wednesday (23rd) when highs were mainly in the 80's and on Thursday (24th) when daytime highs were mostly in the 60's. Daily record low temperatures were set over much of the state on Friday (25th) morning with Grinnell and Fayette the coldest locations with 39 degree minimums. These were Iowa's lowest late June temperatures since 1992. On the other extreme, Burlington reported the week's highest temperature with an 87 degree reading on Wednesday.

There were three periods of rainfall during the week; however, precipitation amounts were on the light side in most areas. Rain fell across most of the eastern three-fourths of Iowa on Monday (21st) with greatest amounts in east central and northeast Iowa where New Hampton recorded 1.65 inches. Rain fell nearly statewide on Thursday (24th) morning with Popejoy in Franklin County reporting the most with 0.83 inches. Finally, an area of rain spread across central and eastern portions of Iowa on Sunday (27th) night into Monday (28th) morning. Panora in Guthrie County received the most rain during this last event with 0.83 inches. Precipitation totals for the week varied from only 0.02 inches at Allerton and Albia to 2.23 inches at New Hampton and 2.03 inches at Lowden. The statewide average rainfall was 0.54 inches or one-half of the weekly normal of 1.07 inches.

### Statewide Crop Conditions as of June 27, 2004

| Item            | Very Poor | Poor    | Fair    | Good    | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
|                 | Percent   | Percent | Percent | Percent | Percent   |
| Corn            | 2         | 6       | 17      | 56      | 19        |
| Hay, all        | 1         | 4       | 18      | 55      | 22        |
| Oats            | 0         | 4       | 19      | 60      | 17        |
| Range & Pasture | 0         | 3       | 17      | 55      | 25        |
| Soybeans        | 2         | 6       | 20      | 55      | 17        |

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., JUN. 28, 2004 (inches)



### Field Work and Crop Progress as of June 27, 2004

| Item                 | Districts |    |    |    |    |    |    |    |    | State | Last Week | Last Year | Normal |
|----------------------|-----------|----|----|----|----|----|----|----|----|-------|-----------|-----------|--------|
|                      | NW        | NC | NE | WC | C  | EC | SW | SC | SE |       |           |           |        |
| Corn, tallest height | 39        | 39 | 40 | 47 | 52 | 55 | 61 | 66 | 69 | 49    | 36        | 39        | NA     |
| Corn, average height | 30        | 26 | 28 | 36 | 39 | 43 | 45 | 46 | 49 | 36    | 26        | 28        | NA     |
| Oats turning color   | 9         | 6  | 14 | 18 | 17 | 15 | 21 | 21 | 30 | 16    | 0         | 8         | 16     |

NA = Not available.

### Days Suitable & Soil Moisture Condition as of June 27, 2004

| Item             | Districts |     |     |     |     |     |     |     |     | State | Last Week | Last Year |
|------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|-----------|
|                  | NW        | NC  | NE  | WC  | C   | EC  | SW  | SC  | SE  |       |           |           |
| Days suitable    | 5.2       | 4.2 | 4.0 | 4.3 | 4.1 | 4.4 | 5.1 | 5.2 | 5.1 | 4.5   | 3.2       | 4.5       |
| Topsoil moisture |           |     |     |     |     |     |     |     |     |       |           |           |
| Very short       | 2         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | 0         | 1         |
| Short            | 10        | 1   | 0   | 0   | 3   | 1   | 2   | 1   | 3   | 2     | 0         | 11        |
| Adequate         | 83        | 77  | 71  | 83  | 75  | 82  | 87  | 72  | 88  | 80    | 71        | 80        |
| Surplus          | 5         | 22  | 29  | 17  | 22  | 17  | 11  | 27  | 9   | 18    | 29        | 8         |
| Subsoil moisture |           |     |     |     |     |     |     |     |     |       |           |           |
| Very short       | 2         | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0     | 0         | 1         |
| Short            | 5         | 4   | 1   | 4   | 1   | 2   | 2   | 3   | 12  | 4     | 3         | 14        |
| Adequate         | 89        | 65  | 70  | 85  | 73  | 83  | 84  | 77  | 76  | 78    | 74        | 77        |
| Surplus          | 4         | 31  | 29  | 11  | 26  | 15  | 14  | 19  | 12  | 18    | 23        | 8         |

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, June 27, 2004**

| 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            | 81           | 42 | 62  | -9  | 0.28          | -0.65 | 9.60          | -0.25 | 85           | -54 |
| Sioux Center           | 83           | 42 | 64  | -9  | 0.11          | -0.92 | 10.11         | 0.14  | 101          | -55 |
| Spencer                | 84           | 42 | 63  | -9  | 0.30          | -0.61 | 8.30          | -1.51 | 95           | -52 |
| Spirit Lake            | 78           | 46 | 62  | -9  | 0.27          | -0.73 | 8.80          | -0.72 | 86           | -78 |
| North Central District |              |    |     |     |               |       |               |       |              |     |
| Britt                  | 81           | 43 | 62  | -11 | 0.89          | -0.18 | 14.32         | 3.66  | 82           | -72 |
| Humboldt               | 78           | 45 | 61  | -12 | 1.02          | -0.07 | 13.88         | 2.91  | 77           | -74 |
| Mason City             | 81           | 43 | 61  | -10 | 0.48          | -0.57 | 21.16         | 9.97  | 80           | -64 |
| Northwood              | 79           | 44 | 60  | -12 | 0.60          | -0.38 | 17.10         | 6.65  | 71           | -74 |
| North East District    |              |    |     |     |               |       |               |       |              |     |
| Decorah                | 78           | 40 | 62  | -10 | 0.69          | -0.29 | 18.07         | 6.93  | 84           | -60 |
| Dubuque                | 77           | 41 | 60  | -10 | 0.76          | -0.17 | 11.65         | -0.09 | 74           | -65 |
| Elkader                | 79           | 42 | 61  | -10 | 0.67          | -0.24 | 17.88         | 7.20  | 76           | -89 |
| Independence           | 80           | 41 | 61  | -10 | 1.03          | -0.05 | 18.20         | 6.81  | 78           | -90 |
| Waterloo               | 82           | 42 | 63  | -9  | 0.83          | -0.26 | 12.39         | 0.95  | 91           | -57 |
| West Central District  |              |    |     |     |               |       |               |       |              |     |
| Audubon                | 80           | 40 | 61  | -13 | 0.16          | -0.82 | 16.64         | 5.14  | 75           | -88 |
| Carroll                | 83           | 42 | 63  | -10 | 0.71          | -0.41 | 11.84         | -0.29 | 89           | -63 |
| Castana                | 83           | 46 | 63  | -10 | 0.46          | -0.52 | 8.78          | -2.26 | 91           | -58 |
| Guthrie Center         | 82           | 40 | 63  | -10 | 0.33          | -0.75 | 15.58         | 3.64  | 93           | -61 |
| Harlan                 | 82           | 45 | 63  | -12 | 0.24          | -0.76 | 13.20         | 1.71  | 90           | -63 |
| Jefferson              | 83           | 44 | 63  | -10 | 0.99          | -0.13 | 14.00         | 1.87  | 90           | -62 |
| Logan                  | 84           | 42 | 63  | -11 | 0.14          | -0.84 | 12.15         | 0.74  | 93           | -72 |
| Rockwell City          | 80           | 45 | 62  | -12 | 0.41          | -0.64 | 16.77         | 5.79  | 85           | -75 |
| Sioux City             | 83           | 44 | 64  | -10 | 0.17          | -0.67 | 9.81          | 0.40  | 100          | -62 |
| Central District       |              |    |     |     |               |       |               |       |              |     |
| Ames                   | 81           | 41 | 63  | -8  | 1.64          | 0.49  | 14.79         | 2.60  | 96           | -53 |
| Boone                  | 82           | 41 | 62  | -11 | 0.93          | -0.24 | 12.62         | 0.01  | 84           | -67 |
| Des Moines             | 82           | 47 | 65  | -10 | 0.20          | -0.84 | 13.88         | 2.78  | 107          | -62 |
| Eldora                 | 82           | 44 | 62  | -10 | 1.45          | 0.31  | 12.31         | 0.56  | 87           | -64 |
| Marshalltown           | 81           | 41 | 63  | -10 | 0.94          | -0.18 | 13.98         | 2.41  | 90           | -61 |
| Newton                 | 82           | 46 | 62  | -11 | 0.41          | -0.62 | 13.58         | 1.96  | 88           | -70 |
| Perry                  | 82           | 43 | 63  | -10 | 0.96          | -0.12 | 15.36         | 3.59  | 91           | -61 |
| Toledo                 | 80           | 42 | 61  | -11 | 1.61          | 0.56  | 11.10         | -0.71 | 80           | -67 |
| East Central District  |              |    |     |     |               |       |               |       |              |     |
| Cedar Rapids           | 79           | 43 | 63  | -10 | 2.19          | 1.14  | 12.35         | 1.30  | 91           | -65 |
| Davenport              | 82           | 43 | 63  | -11 | 0.73          | -0.27 | 13.80         | 2.91  | 95           | -69 |
| Iowa City              | 82           | 44 | 64  | -11 | 1.08          | -0.04 | 10.21         | -1.63 | 101          | -69 |
| Lowden                 | 82           | 41 | 63  | -10 | 1.81          | 0.69  | 13.09         | 0.82  | 90           | -63 |
| Maquoketa              | 78           | 42 | 61  | -12 | 1.39          | 0.35  | 13.99         | 2.75  | 77           | -72 |
| Muscatine              | 81           | 47 | 64  | -11 | 0.37          | -0.68 | 12.24         | 0.87  | 97           | -46 |
| South West District    |              |    |     |     |               |       |               |       |              |     |
| Clarinda               | 82           | 43 | 63  | -12 | 0.27          | -0.85 | 12.62         | 0.41  | 92           | -73 |
| Glenwood               | 83           | 44 | 63  | -12 | 0.98          | -0.06 | 10.92         | -1.08 | 91           | -74 |
| Oakland                | 82           | 43 | 62  | -11 | 0.87          | -0.19 | 13.38         | 2.06  | 84           | -72 |
| Red Oak                | 83           | 44 | 64  | -11 | 0.76          | -0.43 | 11.42         | -1.26 | 99           | -73 |
| Sidney                 | 81           | 49 | 65  | -11 | 0.83          | -0.16 | 13.17         | 1.95  | 106          | -66 |
| South Central District |              |    |     |     |               |       |               |       |              |     |
| Allerton               | 80           | 46 | 63  | -10 | 0.02          | -1.03 | 11.66         | 0.28  | 95           | -36 |
| Beaconsfield           | 80           | 46 | 63  | -11 | 0.22          | -0.83 | 10.73         | -0.49 | 89           | -67 |
| Chariton               | 83           | 42 | 62  | -11 | 0.02          | -1.12 | 13.01         | 1.04  | 88           | -67 |
| Indianola              | 80           | 43 | 63  | -10 | 0.42          | -0.63 | 12.16         | 0.25  | 95           | -62 |
| Leon                   | 83           | 44 | 63  | -10 | 0.32          | -0.66 | 13.44         | 1.47  | 91           | -66 |
| South East District    |              |    |     |     |               |       |               |       |              |     |
| Bloomfield             | 82           | 48 | 64  | -10 | 0.03          | -0.95 | 10.57         | -0.91 | 99           | -67 |
| Burlington             | 87           | 51 | 69  | -5  | 0.64          | -0.34 | 8.52          | -2.43 | 138          | -28 |
| Ottumwa                | 83           | 44 | 64  | -11 | 0.03          | -0.89 | 9.13          | -1.54 | 97           | -73 |

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 2004: AWIS, Inc. All Rights Reserved.

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