

Iowa Crops & Weather



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Iowa Field Office

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For the week ending May 21, 2006

WARMER WEATHER

Agricultural Summary: Farmers' wishes for warmer weather were granted in much of the state, as temperatures soared into the nineties in some areas. There were 5.1 **days suitable for fieldwork** last week, compared to 3.4 days last year at this time. Most of the state saw great progress in fieldwork as a result of the cooperative conditions. Approximately one-third of Iowa's soybean acreage was planted last week. **Topsoil moisture** rated 1 percent very short, 15 percent short, 77 percent adequate, and 7 percent surplus. **Subsoil moisture** rated 4 percent very short, 16 percent short, 73 percent adequate, and 7 percent surplus across the state.

Field Crops Report: **Oats emerged** were 98 percent, slightly behind last year's 100 percent and equal to the 5-year average. **Corn planted** reached 98 percent, 4 percent ahead of the five-year average and aligned with last year's 98 percent. Statewide, **corn emerged** averaged 71 percent, equivalent to the previous year's progress reported and 7 percent ahead of the five-year average. The presence of cutworms has been noted. **Soybeans planted** increased to 74 percent this week, ahead of both the five-year average of 60 percent and last year's pace of 66 percent. **Soybean emergence** is at 14 percent statewide, which is behind both previous year's progress of 19 percent and the five-year average of 18 percent. Emergence has been hindered by the persistent

cool weather. Bean leaf beetles are already being reported in some areas. The first **alfalfa harvest** is 9 percent complete across the state.

Livestock, Pasture and Range Report: **Pasture and range** condition rated 1 percent very poor, 4 percent poor, 20 percent fair, 56 percent good and 19 percent excellent. Livestock conditions are good around the state.

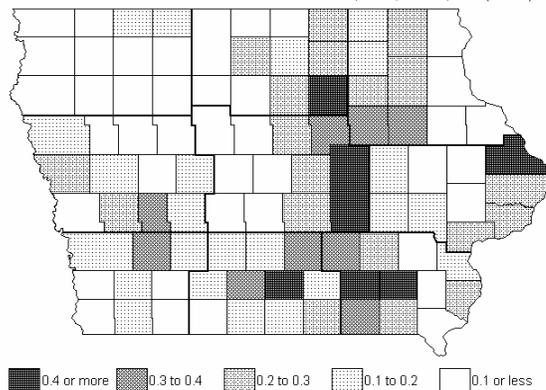
IOWA PRELIMINARY WEATHER SUMMARY

Showers and thunderstorms were scattered across the state nearly every day of the past week; however, only a few locations recorded more than one-half inch of rain. Heaviest rains fell on Tuesday (16th) in a narrow band extending from Davis County north to Tama County with Brooklyn reporting the most rain with 1.56 inches. Elsewhere locations such as Sibley, Le Mars and Sac City recorded no measurable rainfall during the week. The statewide average precipitation was 0.17 inches while normal for the week is 0.96 inches. Daily temperatures averaged very close to seasonal normals, however, low humidity allowed for large diurnal temperature fluctuations. Afternoon temperatures soared to 94 degrees at Shenandoah on Friday (19th) and plunged to a Monday (22nd) morning low of 30 degrees at Cresco. Temperatures for the week as a whole averaged 0.8 degrees below normal. Finally, soil temperatures were averaging in the low 60's statewide as of Sunday (21st) afternoon.

Statewide Crop Conditions as of May 21, 2006

| Item | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Corn | 1 | 3 | 28 | 56 | 12 |
| Oats | 1 | 2 | 21 | 61 | 15 |
| Range & Pasture | 1 | 4 | 20 | 56 | 19 |

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MON., MAY 22, 2006 (inches)



Field Work and Crop Progress as of May 21, 2006

| Item | Districts | | | | | | | | | | State | Last Week | Last Year | Normal |
|-------------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|----|-------|-----------|-----------|--------|
| | NW | NC | NE | WC | C | EC | SW | SC | SE | | | | | |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | | | | | |
| Corn planted | 99 | 98 | 96 | 99 | 99 | 94 | 99 | 97 | 97 | 98 | 92 | 98 | 94 | |
| Corn emerged | 62 | 71 | 54 | 79 | 76 | 71 | 79 | 73 | 80 | 71 | 42 | 71 | 64 | |
| Soybeans planted | 73 | 76 | 67 | 77 | 74 | 66 | 81 | 77 | 72 | 74 | 41 | 66 | 60 | |
| Soybeans emerged | 7 | 6 | 11 | 21 | 10 | 14 | 20 | 22 | 25 | 14 | 4 | 19 | 18 | |
| Hay, alfalfa - first crop harvested | 10 | 5 | 7 | 14 | 3 | 6 | 10 | 8 | 10 | 9 | 0 | 3 | 2 | |

Days Suitable & Soil Moisture Condition as of May 21, 2006

| Item | Districts | | | | | | | | | | State | Last Week | Last Year |
|------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| | NW | NC | NE | WC | C | EC | SW | SC | SE | | | | |
| | Days | Days | Days | Days | Days | Days | Days | Days | Days | | | | |
| Days suitable | 5.9 | 4.6 | 4.1 | 6.3 | 4.6 | 4.1 | 6.1 | 5.9 | 4.3 | 5.1 | 3.6 | 3.4 | |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | |
| Topsoil moisture | | | | | | | | | | | | | |
| Very short | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 2 | 1 | 1 | 0 | 0 | |
| Short | 15 | 1 | 4 | 26 | 15 | 10 | 28 | 31 | 6 | 15 | 5 | 4 | |
| Adequate | 79 | 85 | 84 | 73 | 77 | 80 | 67 | 61 | 87 | 77 | 80 | 78 | |
| Surplus | 6 | 14 | 12 | 0 | 8 | 6 | 5 | 6 | 6 | 7 | 15 | 18 | |
| Subsoil moisture | | | | | | | | | | | | | |
| Very short | 0 | 0 | 2 | 4 | 2 | 3 | 2 | 20 | 3 | 4 | 2 | 0 | |
| Short | 1 | 1 | 5 | 25 | 11 | 13 | 42 | 37 | 21 | 16 | 15 | 6 | |
| Adequate | 88 | 81 | 83 | 70 | 78 | 80 | 55 | 42 | 74 | 73 | 71 | 77 | |
| Surplus | 11 | 18 | 10 | 1 | 9 | 4 | 1 | 1 | 2 | 7 | 12 | 17 | |

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, May 21, 2006

| 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 | 84 | 44 | 59 | 1 | 0.29 | -0.46 | 6.32 | 1.36 | 68 | 1 |
| Sioux Center | 87 | 45 | 62 | 1 | 0.08 | -0.70 | 5.47 | 0.86 | 84 | 2 |
| Spencer | 84 | 41 | 59 | -1 | 0.24 | -0.60 | 5.05 | -0.03 | 67 | -5 |
| Spirit Lake | 79 | 48 | 59 | 1 | 0.07 | -0.64 | 5.05 | 0.68 | 67 | -22 |
| North Central District | | | | | | | | | | |
| Britt | 81 | 41 | 58 | -4 | 0.30 | -0.50 | 7.50 | 2.14 | 57 | -22 |
| Humboldt | 84 | 42 | 59 | -3 | 0.06 | -0.78 | 5.40 | -0.05 | 68 | -7 |
| Mason City | 79 | 44 | 58 | -2 | 0.31 | -0.62 | 8.06 | 2.44 | 58 | -12 |
| Osage | 76 | 43 | 57 | -4 | 0.37 | -0.53 | 8.58 | 2.72 | 48 | -38 |
| North East District | | | | | | | | | | |
| Decorah | 76 | 39 | 58 | -4 | 0.50 | -0.34 | 6.65 | 0.72 | 56 | -21 |
| Dubuque | 75 | 41 | 56 | -4 | 0.48 | -0.50 | 8.85 | 2.27 | 48 | -21 |
| Elkader | 79 | 37 | 56 | -5 | 0.21 | -0.70 | 6.12 | 0.29 | 44 | -47 |
| Fayette | 79 | 42 | 57 | -4 | 0.71 | -0.24 | 6.57 | 0.50 | 48 | -25 |
| Waterloo | 79 | 42 | 58 | -4 | 0.26 | -0.65 | 6.34 | 0.35 | 58 | -21 |
| West Central District | | | | | | | | | | |
| Carroll | 88 | 44 | 61 | 1 | 0.18 | -0.80 | 4.38 | -1.73 | 80 | 1 |
| Castana | 88 | 46 | 61 | -2 | 0.33 | -0.64 | 4.70 | -0.73 | 75 | -3 |
| Guthrie Center | 89 | 43 | 61 | -1 | 0.30 | -0.67 | 6.30 | 0.29 | 77 | -5 |
| Harlan | 95 | 45 | 63 | 2 | 0.24 | -0.75 | 5.61 | -0.32 | 93 | 8 |
| Jefferson | 91 | 42 | 62 | 2 | 0.14 | -0.84 | 4.09 | -2.02 | 85 | 6 |
| Logan | 91 | 42 | 62 | -1 | 0.09 | -0.96 | 4.97 | -0.90 | 86 | -5 |
| Rockwell City | 88 | 40 | 60 | -3 | 0.06 | -0.87 | 4.80 | -0.65 | 71 | -15 |
| Sac City | 88 | 44 | 61 | 1 | 0.00 | -0.97 | 4.37 | -1.19 | 77 | 1 |
| Sioux City | 91 | 44 | 62 | 0 | 0.24 | -0.60 | 3.72 | -0.99 | 87 | -1 |
| Central District | | | | | | | | | | |
| Boone | 87 | 44 | 59 | -3 | 0.28 | -0.73 | 6.12 | -0.07 | 66 | -16 |
| Des Moines | 87 | 50 | 63 | 0 | 0.11 | -0.72 | 4.76 | -0.97 | 94 | 1 |
| Grundy Center | 78 | 44 | 58 | -2 | 0.35 | -0.61 | 7.45 | 1.51 | 59 | -11 |
| Marshalltown | 78 | 44 | 59 | -2 | 0.59 | -0.32 | 5.17 | -0.63 | 62 | -15 |
| Newton | 81 | 39 | 59 | -4 | 0.33 | -0.65 | 4.15 | -1.87 | 69 | -17 |
| Perry | 91 | 44 | 62 | 1 | 0.13 | -0.84 | 4.87 | -1.00 | 83 | 3 |
| Toledo | 76 | 42 | 58 | -3 | 0.66 | -0.35 | 5.75 | -0.40 | 56 | -16 |
| East Central District | | | | | | | | | | |
| Cedar Rapids | 78 | 42 | 58 | -4 | 0.17 | -0.67 | 4.50 | -1.09 | 57 | -27 |
| Davenport | 77 | 44 | 58 | -5 | 0.32 | -0.52 | 6.75 | 1.10 | 61 | -28 |
| Iowa City | 79 | 43 | 60 | -4 | 0.35 | -0.56 | 4.97 | -1.44 | 75 | -21 |
| Lowden | 78 | 40 | 57 | -4 | 0.18 | -0.76 | 6.69 | 0.18 | 52 | -32 |
| Maquoketa | 76 | 41 | 56 | -4 | 0.30 | -0.55 | 7.86 | 2.21 | 46 | -26 |
| Muscatine | 79 | 42 | 60 | -3 | 0.48 | -0.43 | 7.23 | 1.13 | 73 | 0 |
| South West District | | | | | | | | | | |
| Atlantic | 90 | 42 | 63 | 2 | 0.37 | -0.53 | 5.11 | -0.45 | 89 | 7 |
| Clarinda | 91 | 40 | 60 | -3 | 0.24 | -0.81 | 5.43 | -1.02 | 73 | -18 |
| Glenwood | 92 | 44 | 63 | -1 | 0.02 | -1.09 | 5.53 | -0.52 | 91 | -2 |
| Red Oak | 93 | 43 | 62 | -2 | 0.10 | -0.92 | 4.65 | -1.73 | 87 | -11 |
| Sidney | 91 | 46 | 63 | -2 | 0.03 | -0.95 | 4.67 | -1.31 | 93 | -7 |
| South Central District | | | | | | | | | | |
| Allerton | 86 | 44 | 60 | -3 | 0.10 | -0.81 | 4.16 | -1.86 | 69 | 10 |
| Beaconsfield | 89 | 45 | 60 | -2 | 0.14 | -0.77 | 4.50 | -1.41 | 74 | -10 |
| Chariton | 85 | 42 | 59 | -3 | 0.37 | -0.54 | 4.62 | -1.55 | 65 | -18 |
| Indianola | 85 | 45 | 61 | -2 | 0.32 | -0.59 | 6.51 | 0.20 | 77 | -9 |
| Leon | 89 | 43 | 60 | -3 | 0.26 | -0.76 | 4.49 | -2.00 | 68 | -17 |
| South East District | | | | | | | | | | |
| Bloomfield | 82 | 44 | 59 | -5 | 0.39 | -0.59 | 5.02 | -1.31 | 67 | -28 |
| Burlington | 78 | 49 | 61 | -3 | 0.34 | -0.50 | 5.17 | -0.84 | 79 | -14 |
| Ottumwa | 79 | 45 | 59 | -5 | 0.88 | -0.03 | 5.03 | -0.93 | 67 | -29 |
| Washington | 79 | 44 | 60 | -5 | 0.23 | -0.68 | 4.79 | -1.07 | 68 | -14 |

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 2006: AWIS, Inc. All Rights Reserved.