

Iowa Crops & Weather



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Iowa Field Office

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Issued October 16, 2006

Vol 06-33

For the week ending October 15, 2006

DODGING SNOWFLAKES AND RAINDROPS

Agricultural Summary: Snow at midweek slowed progress only briefly in north-central and northeast Iowa where snow amounts varied from a trace to an inch. Much of the rest of the State received showers as the weekend progressed. In spite of this inclement weather, Iowa farmers managed to harvest 14 percent of the State's corn crop and 19 percent of the soybean crop during the past week. Over 3.5 million acres of cropland were harvested last week. Farmers in northwest and north-central Iowa have nearly completed their soybean harvest; while the southern third of the State lags behind. One-third of the soybean crop in the southwest corner of the State remained to be harvested. In addition to harvest, manure was spread, chemical fertilizer applied, fields tilled, and some field tile work was done.

There were 5.8 **days suitable for fieldwork** last week, equal to last year and just above the 5-year average of 5.7 days suitable. **Topsoil moisture** rated 7 percent very short, 21 percent short, 69 percent adequate, and 3 percent surplus. **Subsoil moisture** rated 7 percent very short, 25 percent short, 65 percent adequate, and 3 percent surplus statewide.

Field Crops Report: **Corn harvest** reached 31 percent, 3 percentage points behind last year but 2 percentage points ahead of normal. The percent **moisture of field corn** was 19 percent, equal to last year but 2 percentage points lower than the 5-year average. **Harvest corn percent moisture** was 17 percent, equal to last year but 1 percentage point below normal. **Corn condition** was reported as 3 percent very poor, 6 percent poor, 22 percent fair, 49 percent good, and 20 percent excellent, a small drop from last week. **Soybean harvest** was 87 percent complete, 1 day behind last year but 5 days ahead of normal. **Soybean condition** was reported as 2 percent very poor, 5 percent poor, 21 percent fair, 49 percent good, and 23 percent excellent, a slight decline from the previous week.

Livestock, Pasture and Range Report: **Pasture and range** rated 3 percent very poor, 12 percent poor, 33 percent fair, 43 percent good,

and 9 percent excellent. Pasture condition ratings fell for the fourth straight week. Some cattle are now in stubble fields.

IOWA PRELIMINARY WEATHER SUMMARY

It was a cool and windy week across Iowa with occasional light precipitation. Monday (9th) was the warmest day of the reporting week with daytime highs in the 50's northwest to low 70's southeast where Burlington reached 74 degrees. On Tuesday (10th) highs were in the 50's with rain falling nearly statewide. Tuesday's rainfall amounts were greatest in the southeast with one-quarter to one-half inch amounts common while some areas in the far northwest saw only sprinkles. The coldest weather prevailed on Wednesday (11th) and Thursday (12th) when highs were only in the 30's north to 40's south. The first snow of the season was reported over much of northern and central Iowa on Wednesday with an inch or so accumulating in parts of north central and northeast Iowa. This was Iowa's earliest measurable snowfall since 1999. Dry weather prevailed on Friday (13th) and Saturday (14th) with highs mostly in the 50's. Most areas across the state reported overnight temperatures in the 20's on at least one morning from Thursday (12th) to Sunday (15th) morning. The week's lowest temperatures were 20 degree readings from Sanborn and Onawa on Saturday (14th) morning and also at Elkader on Sunday (15th) morning. Rain moved into far western Iowa late Saturday (14th) night and gradually dampened all of the state by Monday (16th) morning. Heaviest rains fell across southwest and central Iowa where a few locations received more than one-half inch. Temperatures began to moderate by Sunday (15th) afternoon with highs reaching the 60's west while overnight lows Sunday night fell only to the mid 40's to mid 50's. Temperatures for the week as a whole averaged 9.9 degrees below normal while precipitation averaged 0.46 inches or just slightly less than the weekly normal of 0.58 inches. Weekly precipitation totals varied from 0.02 inches at Spencer to 1.09 inches at Boone and Red Oak.

Statewide Crop Conditions as of October 15, 2006

| Item | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Corn | 3 | 6 | 22 | 49 | 20 |
| Range & Pasture | 3 | 12 | 33 | 43 | 9 |
| Soybeans | 2 | 5 | 21 | 49 | 23 |

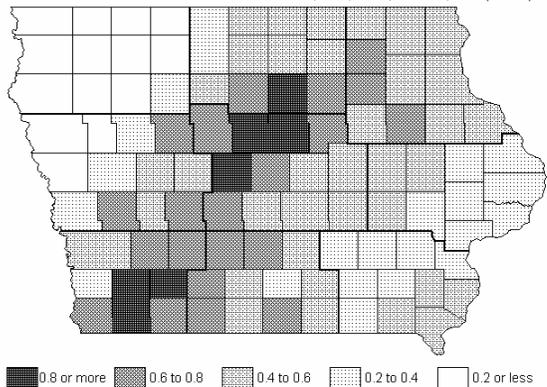
Statewide Harvesting Conditions as of October 15, 2006

| Item | None | Light | Moderate | Heavy |
|---------------------|---------|---------|----------|---------|
| | Percent | Percent | Percent | Percent |
| Corn lodging | 58 | 24 | 14 | 4 |
| Corn ear droppage | 71 | 21 | 7 | 1 |
| Soybeans lodging | 79 | 16 | 4 | 1 |
| Soybeans shattering | 71 | 20 | 8 | 1 |

State Post-Harvest Conditions as of October 15, 2006

| Item | None | Light | Moderate | Heavy |
|----------------|---------|---------|----------|---------|
| | Percent | Percent | Percent | Percent |
| Grain movement | 19 | 29 | 33 | 19 |

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., OCT. 16, 2006 (inches)



Field Work and Crop Progress as of October 15, 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 harvested (grain or seed) | 31 | 38 | 30 | 19 | 33 | 32 | 29 | 29 | 46 | 31 | 17 | 34 | 29 | |
| Soybeans harvested | 98 | 97 | 87 | 87 | 92 | 85 | 65 | 68 | 76 | 87 | 68 | 88 | 79 | |

Days Suitable & Soil Moisture Condition as of October 15, 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 | 5.7 | 5.7 | 5.5 | 5.9 | 6.0 | 6.0 | 5.5 | 5.8 | 6.3 | 5.8 | 6.6 | 5.8 | |
| Topsoil moisture | | | | | | | | | | | | | |
| Very short | 3 | 1 | 12 | 0 | 0 | 12 | 0 | 9 | 28 | 7 | 3 | 23 | |
| Short | 19 | 10 | 18 | 8 | 13 | 37 | 19 | 40 | 39 | 21 | 20 | 25 | |
| Adequate | 78 | 78 | 67 | 85 | 82 | 51 | 81 | 50 | 31 | 69 | 73 | 48 | |
| Surplus | 0 | 11 | 3 | 7 | 5 | 0 | 0 | 1 | 2 | 3 | 4 | 4 | |
| Subsoil moisture | | | | | | | | | | | | | |
| Very short | 4 | 7 | 4 | 1 | 2 | 6 | 3 | 17 | 30 | 7 | 4 | 27 | |
| Short | 19 | 22 | 25 | 13 | 15 | 35 | 25 | 40 | 42 | 25 | 25 | 28 | |
| Adequate | 76 | 62 | 71 | 85 | 73 | 59 | 72 | 42 | 27 | 65 | 67 | 42 | |
| Surplus | 1 | 9 | 0 | 1 | 10 | 0 | 0 | 1 | 1 | 3 | 4 | 3 | |

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, October 15, 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 | 65 | 23 | 40 | -10 | 0.22 | -0.26 | 20.34 | -1.45 | 5 | -17 |
| Sioux Center | 64 | 21 | 42 | -11 | 0.44 | -0.04 | 20.36 | -0.87 | 0 | -32 |
| Spencer | 65 | 22 | 40 | -12 | 0.03 | -0.46 | 18.00 | -4.65 | 5 | -20 |
| Spirit Lake | 62 | 23 | 41 | -9 | 0.26 | -0.19 | 18.82 | -2.63 | 5 | -42 |
| North Central District | | | | | | | | | | |
| Britt | 65 | 22 | 39 | -16 | 0.25 | -0.25 | 20.09 | -3.58 | 5 | -32 |
| Humboldt | 66 | 24 | 41 | -13 | 0.21 | -0.31 | 18.98 | -5.30 | 7 | -19 |
| Mason City | 67 | 23 | 41 | -11 | 0.22 | -0.35 | 25.72 | 0.60 | 8 | -20 |
| Osage | 67 | 24 | 42 | -11 | 0.16 | -0.43 | 23.68 | -2.18 | 8 | -30 |
| North East District | | | | | | | | | | |
| Decorah | 72 | 21 | 43 | -11 | 0.32 | -0.21 | 23.81 | -0.86 | 11 | -22 |
| Dubuque | 75 | 24 | 45 | -8 | 0.37 | -0.23 | 26.79 | -0.15 | 19 | -13 |
| Elkader | 76 | 20 | 44 | -9 | 0.47 | -0.10 | 23.22 | -1.18 | 19 | -26 |
| Fayette | 73 | 24 | 43 | -10 | 0.46 | -0.15 | 27.29 | 1.66 | 12 | -19 |
| Waterloo | 75 | 24 | 45 | -8 | 0.35 | -0.26 | 23.31 | -1.90 | 17 | -14 |
| West Central District | | | | | | | | | | |
| Carroll | 69 | 24 | 43 | -10 | 0.27 | -0.30 | 24.40 | -1.15 | 9 | -22 |
| Castana | 66 | 24 | 42 | -14 | 0.26 | -0.32 | 20.32 | -2.77 | 6 | -28 |
| Guthrie Center | 69 | 25 | 44 | -10 | 0.44 | -0.17 | 30.36 | 4.96 | 11 | -23 |
| Harlan | 73 | 25 | 44 | -11 | 0.29 | -0.33 | 25.63 | 0.26 | 12 | -22 |
| Jefferson | 71 | 26 | 45 | -9 | 0.27 | -0.30 | 29.47 | 3.92 | 12 | -19 |
| Logan | 71 | 23 | 44 | -11 | 0.22 | -0.37 | 29.66 | 5.77 | 10 | -27 |
| Rockwell City | 68 | 24 | 41 | -13 | 0.20 | -0.37 | 21.32 | -3.41 | 8 | -29 |
| Sac City | 68 | 24 | 42 | -11 | 0.13 | -0.45 | 17.53 | -6.81 | 8 | -20 |
| Sioux City | 65 | 22 | 44 | -11 | 0.29 | -0.18 | 20.55 | 0.63 | 6 | -30 |
| Central District | | | | | | | | | | |
| Boone | 73 | 26 | 44 | -10 | 0.47 | -0.16 | 30.70 | 4.79 | 14 | -24 |
| Des Moines | 75 | 28 | 47 | -10 | 0.44 | -0.19 | 22.14 | -2.25 | 20 | -26 |
| Grundy Center | 74 | 26 | 44 | -8 | 0.32 | -0.30 | 26.07 | 1.20 | 14 | -16 |
| Marshalltown | 75 | 26 | 46 | -7 | 0.31 | -0.28 | 25.51 | -0.45 | 18 | -15 |
| Newton | 74 | 29 | 46 | -9 | 0.34 | -0.30 | 23.07 | -2.10 | 16 | -25 |
| Perry | 71 | 27 | 45 | -8 | 0.42 | -0.16 | 29.04 | 4.50 | 15 | -20 |
| Toledo | 74 | 27 | 45 | -8 | 0.34 | -0.23 | 20.34 | -5.80 | 16 | -17 |
| East Central District | | | | | | | | | | |
| Cedar Rapids | 75 | 27 | 46 | -8 | 0.31 | -0.22 | 18.70 | -6.04 | 22 | -16 |
| Davenport | 77 | 26 | 47 | -9 | 0.27 | -0.36 | 20.98 | -3.17 | 25 | -22 |
| Iowa City | 79 | 28 | 48 | -9 | 0.21 | -0.45 | 19.05 | -7.94 | 29 | -22 |
| Lowden | 80 | 25 | 46 | -8 | 0.24 | -0.37 | 22.57 | -4.79 | 23 | -16 |
| Maquoketa | 79 | 27 | 45 | -8 | 0.30 | -0.27 | 31.13 | 6.00 | 17 | -15 |
| Muscatine | 77 | 28 | 48 | -9 | 0.21 | -0.43 | 25.77 | 0.31 | 28 | -4 |
| South West District | | | | | | | | | | |
| Atlantic | 58 | 24 | 43 | -10 | 0.42 | -0.19 | 30.49 | 6.50 | 3 | -31 |
| Clarinda | 70 | 23 | 44 | -11 | 0.38 | -0.28 | 24.97 | -3.01 | 12 | -27 |
| Glenwood | 71 | 20 | 45 | -11 | 0.03 | -0.56 | 23.28 | -2.04 | 16 | -32 |
| Red Oak | 71 | 26 | 46 | -10 | 0.43 | -0.15 | 22.61 | -4.89 | 16 | -31 |
| Sidney | 69 | 28 | 47 | -10 | 0.46 | -0.21 | 23.64 | -2.57 | 19 | -30 |
| South Central District | | | | | | | | | | |
| Allerton | 76 | 25 | 46 | -10 | 0.40 | -0.34 | 22.26 | -4.61 | 17 | -5 |
| Beaconsfield | 72 | 26 | 45 | -11 | 0.73 | 0.05 | 26.12 | 0.26 | 13 | -30 |
| Chariton | 76 | 28 | 46 | -9 | 0.33 | -0.36 | 23.87 | -3.64 | 19 | -24 |
| Indianola | 75 | 25 | 46 | -9 | 0.43 | -0.24 | 24.13 | -1.27 | 19 | -23 |
| Leon | 75 | 26 | 46 | -10 | 0.43 | -0.28 | 22.47 | -4.26 | 19 | -24 |
| South East District | | | | | | | | | | |
| Bloomfield | 78 | 30 | 48 | -9 | 0.30 | -0.42 | 20.03 | -7.13 | 24 | -28 |
| Burlington | 78 | 30 | 50 | -6 | 0.45 | -0.23 | 15.20 | -9.94 | 33 | -16 |
| Ottumwa | 77 | 28 | 48 | -9 | 0.37 | -0.24 | 19.24 | -5.84 | 24 | -23 |
| Washington | 80 | 27 | 48 | -10 | 0.22 | -0.43 | 21.53 | -3.00 | 28 | -7 |

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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