

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
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For the week ending October 1, 2006

HARVEST BEGINS IN EARNEST

Agricultural Summary: Seasonal temperatures and below average precipitation allowed combines to run most of the week. Corn with lodging concerns drew early harvest attention until warmer late-week weather focused harvest on soybeans. With ideal drying conditions and increased shattering reports, soybean harvest is expected to remain in full swing, while corn harvest is now on the backburner.

There were **5.5 days suitable for fieldwork** last week, compared to 4.8 days last year and the 5-year average of 5.4 days suitable. **Topsoil moisture** rated 2 percent very short, 9 percent short, 82 percent adequate, and 7 percent surplus. **Subsoil moisture** rated 5 percent very short, 20 percent short, 70 percent adequate, and 5 percent surplus statewide.

Field Crops Report: **Corn mature** (safe from frost) was 94 percent, even with last year but 5 percentage points ahead of the 5-year average. **Corn harvest** reached 8 percent, 3 percentage points behind last year and 2 percentage points behind normal. The **percent moisture of field corn** was 25 percent, 1 percentage point higher than last year but 1 percentage point lower than the 5-year average. **Harvest corn percent moisture** was 21 percent, 2 percentage points above last year but consistent with the norm. **Corn condition** was reported as 3 percent very poor, 7 percent poor, 21 percent fair, 47 percent good, and 22 percent excellent, slightly better than last week. Ninety-five percent of the soybeans are **dropping leaves**, 1 day behind last year but 6 days ahead of the 5-year average. **Soybean harvest** was 26 percent complete, more than a week behind last year and 1 day behind

normal. **Soybean condition** was reported as 2 percent very poor, 5 percent poor, 19 percent fair, 50 percent good, and 24 percent excellent, a slight improvement from the previous week.

Livestock, Pasture and Range Report: **Pasture and range** rated 2 percent very poor, 8 percent poor, 29 percent fair, 47 percent good, and 14 percent excellent. Pasture condition ratings fell for the second straight week. No livestock problems were reported.

IOWA PRELIMINARY WEATHER SUMMARY

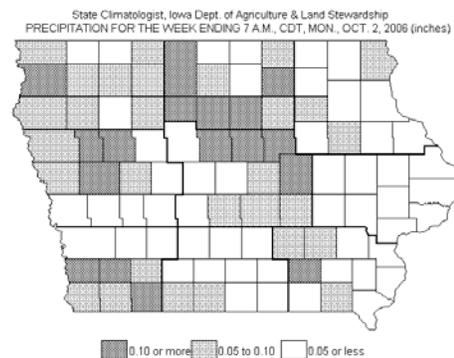
Iowa weather summary for the week ending 7 a.m., CDT, Monday, October 2, 2006: Iowa experienced its driest week since February with a statewide average precipitation of only 0.05 inches, far less than the weekly normal of 0.68 inches. There were light showers scattered across the northwest two-thirds of the state on Wednesday (27th) and across the northeast two-thirds of Iowa on Friday (29th). Bondurant in Polk County reported the most rainfall with only 0.36 inches while numerous southern and eastern Iowa locations received no rain such as Dubuque, Davenport, Burlington, Iowa City, Chariton and Indianola. Temperatures were highly variable but generally below normal during the work week and well above normal over the weekend. Thursday (28th) was the coolest day with highs mostly in the 50's while morning lows dipped to 34 degrees at Sanborn, Stanley and Sibley. Sunday (1st) was the warmest day with highs mostly in the 80's with a statewide high of 93 degrees at Glenwood. Temperatures for the week as a whole averaged 0.7 degrees below normal. Soil temperatures were averaging in the low to mid 60's as of Sunday (1st).

Statewide Crop Conditions as of October 1, 2006

| Item | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Corn | 3 | 7 | 21 | 47 | 22 |
| Range & Pasture | 2 | 8 | 29 | 47 | 14 |
| Soybeans | 2 | 5 | 19 | 50 | 24 |

Statewide Harvesting Conditions as of October 1, 2006

| Item | None | Light | Moderate | Heavy |
|---------------------|---------|---------|----------|---------|
| | Percent | Percent | Percent | Percent |
| Corn lodging | 67 | 19 | 10 | 4 |
| Corn ear droppage | 78 | 17 | 4 | 1 |
| Soybeans lodging | 79 | 16 | 4 | 1 |
| Soybeans shattering | 78 | 15 | 6 | 1 |



Field Work and Crop Progress as of October 1, 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 mature (safe from frost) | 90 | 94 | 97 | 94 | 93 | 97 | 97 | 95 | 96 | 94 | 82 | 94 | 89 | |
| Corn harvested (grain or seed) | 6 | 6 | 9 | 6 | 9 | 9 | 10 | 9 | 14 | 8 | 4 | 11 | 10 | |
| Soybeans dropping leaves | 98 | 99 | 96 | 98 | 97 | 90 | 91 | 84 | 90 | 95 | 80 | 96 | 88 | |
| Soybeans harvested | 35 | 35 | 25 | 26 | 32 | 14 | 10 | 8 | 23 | 26 | 4 | 47 | 30 | |

Days Suitable & Soil Moisture Condition as of October 1, 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 | 4.9 | 5.5 | 5.3 | 5.2 | 5.5 | 6.0 | 5.4 | 6.3 | 6.4 | 5.5 | 3.2 | 4.8 | |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | |
| Topsoil moisture | | | | | | | | | | | | | |
| Very short | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 13 | 2 | 2 | 21 | |
| Short | 9 | 5 | 6 | 3 | 2 | 7 | 9 | 17 | 33 | 9 | 7 | 21 | |
| Adequate | 85 | 83 | 90 | 88 | 80 | 93 | 89 | 71 | 51 | 82 | 74 | 51 | |
| Surplus | 2 | 10 | 4 | 9 | 18 | 0 | 2 | 8 | 3 | 7 | 17 | 7 | |
| Subsoil moisture | | | | | | | | | | | | | |
| Very short | 4 | 5 | 3 | 1 | 0 | 3 | 1 | 8 | 22 | 5 | 5 | 25 | |
| Short | 16 | 23 | 14 | 13 | 7 | 25 | 26 | 31 | 38 | 20 | 18 | 25 | |
| Adequate | 77 | 66 | 79 | 84 | 76 | 72 | 72 | 57 | 38 | 70 | 68 | 46 | |
| Surplus | 3 | 6 | 4 | 2 | 17 | 0 | 1 | 4 | 2 | 5 | 9 | 4 | |

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, October 1, 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 | 79 | 37 | 56 | 2 | 0.06 | -0.60 | 20.12 | -0.63 | 45 | 2 |
| Sioux Center | 88 | 35 | 59 | 1 | 0.17 | -0.44 | 19.77 | -0.44 | 66 | 6 |
| Spencer | 80 | 34 | 55 | -1 | 0.01 | -0.64 | 17.97 | -3.62 | 42 | -7 |
| Spirit Lake | 83 | 39 | 58 | 3 | 0.09 | -0.54 | 18.51 | -1.96 | 59 | -19 |
| North Central District | | | | | | | | | | |
| Britt | 76 | 37 | 53 | -6 | 0.13 | -0.60 | 19.84 | -2.73 | 29 | -34 |
| Humboldt | 73 | 39 | 54 | -4 | 0.14 | -0.58 | 18.77 | -4.38 | 36 | -18 |
| Mason City | 75 | 36 | 55 | -2 | 0.05 | -0.72 | 25.50 | 1.61 | 38 | -12 |
| Osage | 74 | 37 | 53 | -5 | 0.50 | -0.31 | 23.52 | -1.05 | 23 | -43 |
| North East District | | | | | | | | | | |
| Decorah | 82 | 34 | 55 | -4 | 0.04 | -0.72 | 23.41 | -0.09 | 40 | -19 |
| Dubuque | 72 | 38 | 54 | -4 | 0.00 | -0.91 | 26.41 | 0.80 | 29 | -26 |
| Elkader | 75 | 34 | 53 | -6 | 0.00 | -0.72 | 22.75 | -0.44 | 20 | -58 |
| Fayette | 74 | 37 | 53 | -5 | 0.06 | -0.70 | 26.83 | 2.49 | 28 | -28 |
| Waterloo | 75 | 34 | 55 | -3 | 0.02 | -0.73 | 22.96 | -0.97 | 40 | -16 |
| West Central District | | | | | | | | | | |
| Carroll | 79 | 38 | 57 | -2 | 0.06 | -0.68 | 24.13 | -0.20 | 49 | -9 |
| Castana | 80 | 39 | 57 | -3 | 0.10 | -0.65 | 20.06 | -1.79 | 54 | -6 |
| Guthrie Center | 79 | 39 | 55 | -4 | 0.00 | -0.78 | 29.92 | 5.81 | 37 | -26 |
| Harlan | 81 | 38 | 58 | -2 | 0.04 | -0.93 | 25.34 | 1.36 | 59 | -1 |
| Jefferson | 80 | 39 | 58 | -1 | 0.02 | -0.72 | 29.20 | 4.87 | 56 | -2 |
| Logan | 82 | 40 | 58 | -3 | 0.00 | -0.78 | 29.44 | 6.82 | 55 | -14 |
| Rockwell City | 77 | 38 | 56 | -5 | 0.01 | -0.77 | 21.12 | -2.37 | 43 | -25 |
| Sac City | 79 | 38 | 56 | -2 | 0.11 | -0.67 | 17.40 | -5.70 | 45 | -9 |
| Sioux City | 83 | 38 | 58 | -2 | 0.02 | -0.58 | 20.26 | 1.34 | 56 | -9 |
| Central District | | | | | | | | | | |
| Boone | 78 | 38 | 56 | -3 | 0.01 | -0.75 | 30.23 | 5.64 | 46 | -19 |
| Des Moines | 78 | 42 | 60 | -2 | 0.00 | -0.73 | 21.70 | -1.39 | 69 | -8 |
| Grundy Center | 76 | 37 | 55 | -3 | 0.05 | -0.67 | 25.75 | 2.17 | 38 | -15 |
| Marshalltown | 76 | 39 | 57 | -2 | 0.12 | -0.61 | 25.20 | 0.49 | 47 | -10 |
| Newton | 77 | 41 | 57 | -3 | 0.05 | -0.78 | 22.73 | -1.07 | 49 | -20 |
| Perry | 78 | 40 | 57 | -2 | 0.00 | -0.70 | 28.62 | 5.30 | 48 | -12 |
| Toledo | 75 | 38 | 55 | -3 | 0.11 | -0.62 | 20.00 | -4.93 | 42 | -16 |
| East Central District | | | | | | | | | | |
| Cedar Rapids | 75 | 41 | 56 | -4 | 0.00 | -0.77 | 18.39 | -5.18 | 45 | -21 |
| Davenport | 75 | 38 | 56 | -6 | 0.00 | -0.70 | 20.71 | -2.17 | 45 | -33 |
| Iowa City | 77 | 43 | 58 | -5 | 0.00 | -0.81 | 18.84 | -6.76 | 58 | -26 |
| Lowden | 77 | 35 | 54 | -5 | 0.00 | -0.85 | 22.33 | -3.71 | 32 | -33 |
| Maquoketa | 74 | 38 | 54 | -5 | 0.00 | -0.81 | 30.83 | 6.93 | 29 | -28 |
| Muscatine | 78 | 44 | 59 | -3 | 0.02 | -0.80 | 25.56 | 1.46 | 62 | 5 |
| South West District | | | | | | | | | | |
| Atlantic | 88 | 38 | 59 | 1 | 0.01 | -0.87 | 30.07 | 7.42 | 65 | 3 |
| Clarinda | 81 | 38 | 56 | -4 | 0.11 | -0.79 | 24.59 | -1.97 | 48 | -22 |
| Glenwood | 84 | 38 | 58 | -3 | 0.12 | -0.68 | 23.25 | -0.79 | 59 | -20 |
| Red Oak | 82 | 42 | 58 | -4 | 0.11 | -0.75 | 22.18 | -4.03 | 58 | -21 |
| Sidney | 82 | 42 | 60 | -2 | 0.05 | -0.80 | 23.18 | -1.61 | 72 | -7 |
| South Central District | | | | | | | | | | |
| Allerton | 77 | 40 | 57 | -4 | 0.00 | -0.97 | 21.86 | -3.42 | 50 | 9 |
| Beaconsfield | 76 | 40 | 56 | -4 | 0.07 | -0.83 | 25.39 | 1.00 | 48 | -22 |
| Chariton | 79 | 40 | 56 | -5 | 0.00 | -1.04 | 23.54 | -2.44 | 42 | -28 |
| Indianola | 78 | 41 | 57 | -3 | 0.00 | -0.82 | 23.70 | -0.29 | 50 | -19 |
| Leon | 77 | 41 | 56 | -5 | 0.06 | -0.82 | 22.03 | -3.20 | 44 | -28 |
| South East District | | | | | | | | | | |
| Bloomfield | 76 | 44 | 57 | -5 | 0.03 | -0.92 | 19.73 | -5.89 | 54 | -29 |
| Burlington | 80 | 41 | 61 | -1 | 0.00 | -0.88 | 14.74 | -8.95 | 76 | -4 |
| Ottumwa | 77 | 42 | 58 | -4 | 0.16 | -0.71 | 18.87 | -4.87 | 57 | -22 |
| Washington | 78 | 39 | 57 | -6 | 0.00 | -0.86 | 21.31 | -1.83 | 52 | -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 2006: AWIS, Inc. All Rights Reserved.