

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 September 7, 2008

COOL WEATHER LIMITS RIPENING

Agricultural Summary: Most of the State received rainfall, but amounts varied considerably, with only a small area getting a good soaking. Statewide, topsoil and subsoil moisture supplies were mostly unchanged. Hay and pasture growth was stimulated where precipitation was sufficient. Cool temperatures, especially at night, limited progress toward maturity. Dairies began chopping corn for silage and seed corn harvest got underway.

There were 5.3 days suitable for fieldwork, compared to 4.9 days last year at this time. Topsoil moisture is rated 9 percent very short, 22 percent short, 65 percent adequate, and 4 percent surplus across the state. Subsoil moisture is rated 5 percent very short, 20 percent short, 71 percent adequate, and 4 percent surplus.

Field Crops Report: Corn at or beyond the dough stage advanced to 82 percent, 15 percentage points behind last year and 14 percentage points behind the five-year average. Fifty percent of the corn has reached the dent stage, more than 2 weeks behind last year's 87 percent and 11 days behind the 5-year average of 82 percent. Corn condition is rated 3 percent very poor, 9 percent poor, 27 percent fair, 47 percent good, and 14 percent excellent. Twenty-nine percent of the soybeans are turning color, 8 days behind last year's 54 percent pace and 1 week behind the 5-year average of 53 percent. Soybeans dropping leaves is 5 percent, compared with 20 percent last year and 18 percent normally shedding leaves by this date. Soybean condition is rated at 2 percent very poor, 9 percent poor, 29 percent fair, 46 percent good, and 14 percent excellent. The third cutting of alfalfa advanced to 61 percent complete, 9 days behind last year's 81 percent pace and more than 2 weeks behind the five-year average of 87 percent. All hay condition is rated 3 percent very poor, 12 percent poor, 38 percent fair, 40 percent good, and 7 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition is rated 4 percent very poor, 15 percent poor, 34 percent fair, 40 percent good, and 7 percent excellent.

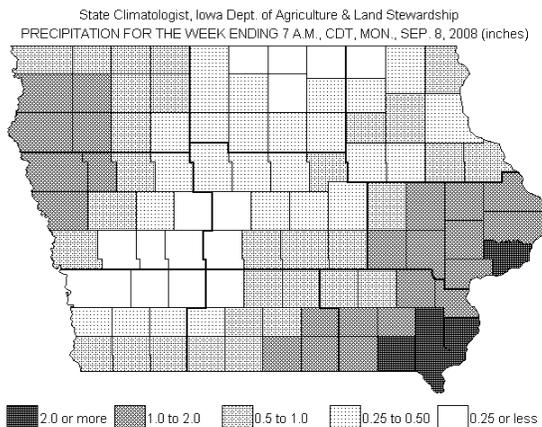
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

The past reporting week began with very warm and humid weather on Monday (1st) when afternoon temperatures reached into the mid to upper 80's over most of Iowa. However, a strong cold front began to move across the state on Tuesday (2nd) but not until after a few southeastern locations warmed into the low 90's. Much cooler weather prevailed for the remainder of the week with frequent rain showers. Daytime highs were mostly in the 60's and low 70's statewide from Wednesday (3rd) through Sunday (7th). Temperature extremes for the week ranged from a Tuesday (2nd) afternoon high of 92 degrees at Keosauqua to a Saturday (6th) morning low of 39 degrees at Sibley. Temperatures for the week as a whole averaged one to two degrees below normal in the far east to five to six degrees subnormal in the far west. The statewide average temperature was 3.7 degrees below normal. Monday (1st) was dry while light rain fell nearly statewide on Tuesday (2nd). The remnants of Hurricane Gustav brought rain to the southeast one-half of Iowa on Wednesday (3rd) and Thursday (4th) with amounts exceeding two inches in the extreme southeast. Light rain dampened the northwest one-half of the state on Friday (5th), the southern one-third of Iowa on Saturday (6th) and the southwest two-thirds of the state on Sunday (7th) into Monday (8th) morning. Weekly rain totals varied from only 0.09 inches at Forest City up to 2.99 inches at the Keokuk Airport. The statewide average precipitation amount was 0.78 inches or just slightly less than the weekly normal of 0.87 inches.

Statewide Crop Conditions as of September 7, 2008

| Item | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| Corn | 3 | 9 | 27 | 47 | 14 |
| Soybeans | 2 | 9 | 29 | 46 | 14 |
| Hay, all | 3 | 12 | 38 | 40 | 7 |
| Range & Pasture | 4 | 15 | 34 | 40 | 7 |

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist



Field Work and Crop Progress as of September 7, 2008

| 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 in or past milk stage | 99 | 97 | 96 | 97 | 98 | 97 | 91 | 86 | 95 | 96 | 93 | 100 | 100 | |
| Corn in or past dough stage | 88 | 82 | 76 | 92 | 84 | 82 | 74 | 58 | 81 | 82 | 75 | 97 | 96 | |
| Corn in or past dent stage | 61 | 50 | 43 | 62 | 49 | 39 | 53 | 31 | 47 | 50 | 33 | 87 | 82 | |
| Soybean leaves turning color | 30 | 31 | 43 | 40 | 27 | 25 | 21 | 10 | 22 | 29 | 9 | 54 | 53 | |
| Hay, alfalfa - third crop harvested | 84 | 85 | 80 | 82 | 49 | 70 | 54 | 33 | 50 | 61 | 50 | 81 | 87 | |

Days Suitable & Soil Moisture Condition as of September 7, 2008

| 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 | 5.2 | 5.5 | 5.8 | 5.3 | 5.6 | 4.6 | 6.0 | 5.2 | 4.3 | 5.3 | 5.7 | 4.9 | |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | |
| Topsoil moisture | | | | | | | | | | | | | |
| Very short | 13 | 10 | 8 | 7 | 3 | 0 | 38 | 5 | 0 | 9 | 10 | 0 | |
| Short | 23 | 29 | 30 | 34 | 16 | 4 | 37 | 25 | 2 | 22 | 27 | 3 | |
| Adequate | 64 | 61 | 55 | 59 | 80 | 91 | 24 | 59 | 89 | 65 | 60 | 79 | |
| Surplus | 0 | 0 | 7 | 0 | 1 | 5 | 1 | 11 | 9 | 4 | 3 | 18 | |
| Subsoil moisture | | | | | | | | | | | | | |
| Very short | 11 | 7 | 8 | 4 | 1 | 0 | 17 | 2 | 0 | 5 | 5 | 0 | |
| Short | 24 | 28 | 23 | 31 | 13 | 3 | 29 | 18 | 4 | 20 | 20 | 4 | |
| Adequate | 64 | 64 | 63 | 64 | 81 | 85 | 50 | 77 | 89 | 71 | 72 | 80 | |
| Surplus | 1 | 1 | 6 | 1 | 5 | 12 | 4 | 3 | 7 | 4 | 3 | 16 | |

Weather Summary
For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, September 7, 2008, Prepared by AWIS, Inc.

| 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 | 86 | 43 | 62 | -2 | 0.62 | -0.22 | 18.26 | 0.05 | 88 | -3 |
| Sioux Center | 88 | 42 | 62 | -5 | 0.98 | 0.21 | 17.33 | -0.62 | 86 | -24 |
| Spencer | 89 | 40 | 63 | -3 | 0.99 | 0.15 | 16.67 | -2.44 | 90 | -9 |
| Spirit Lake | 88 | 45 | 61 | -4 | 1.00 | 0.16 | 16.22 | -1.91 | 77 | -51 |
| North Central District | | | | | | | | | | |
| Britt | 85 | 45 | 62 | -5 | 0.05 | -0.80 | 26.63 | 6.81 | 85 | -25 |
| Humboldt | 85 | 48 | 62 | -4 | 0.08 | -0.83 | 26.91 | 6.45 | 86 | -21 |
| Mason City | 86 | 41 | 63 | -2 | 0.06 | -0.92 | 30.51 | 9.50 | 93 | -5 |
| Osage | 85 | 44 | 63 | -2 | 0.07 | -0.98 | 31.04 | 9.58 | 96 | -23 |
| North East District | | | | | | | | | | |
| Decorah | 88 | 43 | 65 | -1 | 0.29 | -0.69 | 31.92 | 11.36 | 109 | -1 |
| Dubuque | 88 | 46 | 66 | 2 | 0.87 | -0.32 | 29.81 | 7.74 | 111 | 8 |
| Elkader | 89 | 45 | 64 | -2 | 0.42 | -0.49 | 37.05 | 16.59 | 100 | -29 |
| Fayette | 88 | 44 | 63 | -3 | 0.74 | -0.20 | 35.96 | 14.47 | 93 | -12 |
| Waterloo | 89 | 43 | 66 | 1 | 0.36 | -0.48 | 33.73 | 12.54 | 115 | 10 |
| West Central District | | | | | | | | | | |
| Carroll | 87 | 44 | 63 | -4 | 0.09 | -0.79 | 28.51 | 6.90 | 91 | -19 |
| Castana | 86 | 43 | 61 | -7 | 0.91 | 0.04 | 24.45 | 5.33 | 78 | -31 |
| Guthrie Center | 87 | 40 | 63 | -4 | 0.06 | -0.92 | 32.54 | 11.32 | 95 | -22 |
| Harlan | 87 | 44 | 63 | -5 | 0.12 | -0.97 | 24.19 | 3.84 | 92 | -16 |
| Jefferson | 86 | 44 | 62 | -4 | 0.25 | -0.63 | 29.65 | 8.04 | 86 | -24 |
| Logan | 88 | 45 | 64 | -5 | 0.37 | -0.52 | 21.82 | 2.07 | 96 | -27 |
| Rockwell City | 85 | 46 | 62 | -6 | 0.09 | -0.82 | 26.21 | 5.61 | 82 | -35 |
| Sac City | 85 | 46 | 61 | -5 | 0.12 | -0.79 | 25.38 | 5.18 | 81 | -26 |
| Sioux City | 88 | 42 | 62 | -6 | 0.54 | -0.16 | 19.51 | 2.82 | 85 | -34 |
| Central District | | | | | | | | | | |
| Boone | 87 | 46 | 63 | -4 | 0.10 | -0.81 | 38.64 | 16.84 | 92 | -22 |
| Des Moines | 90 | 48 | 66 | -3 | 0.54 | -0.37 | 33.96 | 13.56 | 116 | -12 |
| Grundy Center | 87 | 44 | 63 | -2 | 0.43 | -0.41 | 35.79 | 14.82 | 95 | -3 |
| Marshalltown | 86 | 43 | 64 | -2 | 0.23 | -0.74 | 33.14 | 11.21 | 100 | -5 |
| Newton | 89 | 46 | 65 | -3 | 0.43 | -0.55 | 30.73 | 10.03 | 106 | -13 |
| Perry | 88 | 44 | 63 | -3 | 0.12 | -0.72 | 31.53 | 10.80 | 96 | -12 |
| Toledo | 87 | 45 | 63 | -3 | 0.17 | -0.78 | 35.56 | 13.40 | 91 | -16 |
| East Central District | | | | | | | | | | |
| Cedar Rapids | 86 | 46 | 65 | -3 | 1.16 | 0.18 | 33.33 | 12.74 | 102 | -13 |
| Davenport | 90 | 52 | 68 | -1 | 2.06 | 1.20 | 27.44 | 7.13 | 129 | 1 |
| Iowa City | 88 | 50 | 67 | -3 | 1.01 | 0.03 | 31.10 | 8.50 | 121 | -14 |
| Lowden | 90 | 46 | 65 | -1 | 1.20 | 0.15 | 25.36 | 2.57 | 109 | -5 |
| Maquoketa | 88 | 48 | 65 | -1 | 1.18 | 0.13 | 31.89 | 11.14 | 108 | 3 |
| Muscatine | 89 | 50 | 66 | -3 | 2.56 | 1.65 | 32.83 | 11.72 | 116 | 12 |
| South West District | | | | | | | | | | |
| Atlantic | 89 | 47 | 63 | -3 | 0.30 | -0.68 | 31.10 | 11.68 | 94 | -17 |
| Clarinda | 87 | 42 | 63 | -5 | 0.40 | -0.68 | 24.05 | 0.87 | 96 | -26 |
| Glenwood | 88 | 45 | 64 | -5 | 0.25 | -0.71 | 31.32 | 10.23 | 99 | -30 |
| Red Oak | 88 | 46 | 65 | -4 | 0.27 | -0.81 | 30.52 | 7.66 | 108 | -25 |
| Sidney | 88 | 45 | 65 | -5 | 0.70 | -0.28 | 28.04 | 6.35 | 106 | -25 |
| South Central District | | | | | | | | | | |
| Allerton | 87 | 46 | 64 | -5 | 1.62 | 0.53 | 40.12 | 18.41 | 96 | 7 |
| Beaconsfield | 87 | 46 | 63 | -5 | 0.38 | -0.65 | 33.22 | 12.18 | 93 | -26 |
| Chariton | 88 | 42 | 64 | -4 | 1.07 | -0.09 | 34.85 | 12.74 | 99 | -20 |
| Indianola | 89 | 45 | 65 | -3 | 0.75 | -0.16 | 37.30 | 16.28 | 104 | -14 |
| Leon | 87 | 44 | 63 | -5 | 1.18 | 0.13 | 28.70 | 6.72 | 92 | -29 |
| South East District | | | | | | | | | | |
| Bloomfield | 89 | 48 | 65 | -5 | 1.66 | 0.54 | 34.65 | 12.56 | 104 | -28 |
| Burlington | 89 | 54 | 69 | 0 | 1.94 | 0.96 | 25.48 | 5.01 | 133 | 3 |
| Ottumwa | 90 | 46 | 66 | -4 | 1.11 | 0.10 | 32.92 | 12.49 | 115 | -16 |
| Washington | 91 | 50 | 67 | -3 | 0.99 | 0.03 | 30.79 | 10.81 | 120 | 11 |

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 2008: AWIS, Inc. All Rights Reserved.