



# Iowa Crops & Weather

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Issued August 10, 2009

Vol 09-23

For the week ending August 9, 2009

## TEMPERATURES WARM IN TIME FOR STATE FAIR

Temperatures above ninety, something Iowa did not experience much during July 2009, were welcomed by crop farmers to aide crop development. The heat was not the only thing welcomed as rain showers covered most of the state. Central Iowa received some timely showers as the crops were starting to show signs of stress. Isolated hail and damaging winds were reported again this week with heavy damage reported near Eldora. Livestock struggled with the heat as humidity levels were also elevated. Farmers continue to watch for aphids and other damaging insects. Iowa crop conditions have held steady or improved slightly as the first week of August ends.

There were 5.0 days suitable for fieldwork during the week, compared to the five-year average of 5.2 days. Topsoil moisture rated 1 percent very short, 12 percent short, 75 percent adequate, and 12 percent surplus across the state. Subsoil moisture rated 1 percent very short, 7 percent short, 82 percent adequate, and 10 percent surplus.

**Field Crops Report:** Corn was 97 percent tasseled, behind the five-year average of 99 percent. Corn silked increased with 91 percent reported silking, 12 percentage points ahead of last week, but 5 percentage points behind the five-year average. Corn at or beyond the milk stage reached 49 percent, 8 percentage points ahead of last year, but 21 percentage points behind the five-year average. Corn reported at or beyond the dough stage reached 11 percent, ahead of last year by 2 percentage points, but 22 percentage points below the five-year average. Corn condition was rated 2 percent very poor, 4 percent poor, 16 percent fair, 50 percent good, and 28 percent excellent.

Soybeans reached 95 percent blooming with 78 percent setting pods. Soybeans blooming are 7 percentage points ahead of last year, but 1 percentage point behind the five-year average. Soybeans setting pods are ahead of last year by 14 percentage points, but 4 percentage points behind the five-year average. Soybean condition was rated 1 percent very poor, 4 percent poor, 18 percent fair, 52 percent good, and 25 percent excellent.

Oat harvest reached 86 percent complete, 6 percentage points behind the five-year average, but 14 percentage points ahead of last year. Oat condition was rated 3 percent very poor, 5 percent poor, 26 percent fair, 53 percent good, and 13 percent excellent.

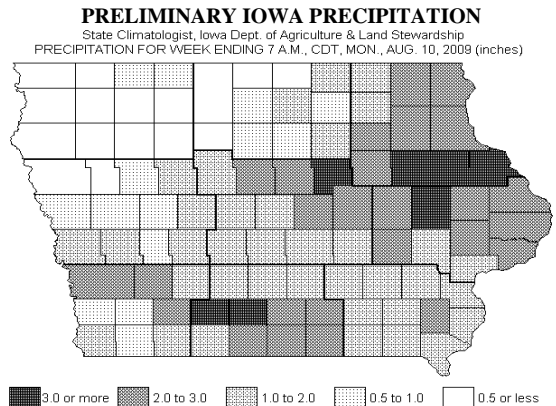
Alfalfa second cutting has reached 90 percent complete, 5 percentage points behind the five-year average, but 6 percentage points ahead of last year. Alfalfa third cutting has reached 20 percent complete, 7 percentage points behind the five-year average, but 9 percentage points ahead of last year. All hay condition was rated 3 percent very poor, 10 percent poor, 27 percent fair, 48 percent good, and 12 percent excellent.

**Livestock, Pasture and Range Report:** Pasture and range condition rated 1 percent very poor, 6 percent poor, 26 percent fair, 51 percent good, and 16 percent excellent. Gains for cattle on feed slowed last week as warm temperatures and humidity returned to the state.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

Thunderstorms brought welcome rain to much of Iowa this past reporting week but was accompanied by damaging hail and winds in some areas. Rainfall amounts were above an inch over most of the southeast two-thirds of the state. However, rain was very light over parts of the far northwest. Thunderstorms moved over far southern Iowa on both Monday (3<sup>rd</sup>) and Tuesday (4<sup>th</sup>) mornings with a few reports of hail and high winds. Wednesday (5<sup>th</sup>) and Thursday (6<sup>th</sup>) were mostly dry. Thunderstorms brought rain to most of Iowa between Thursday night and Friday (7<sup>th</sup>) morning with heaviest rains in the northeast and east. Thunderstorms were widespread again on Sunday (9<sup>th</sup>). Severe hail and wind damage was reported roughly along the U.S Highway 20 corridor Sunday morning and early Sunday afternoon with more scattered damage over central and eastern Iowa Sunday evening. Rainfall was locally heavy again on Sunday over central, south central and east central Iowa. Weekly rain totals varied from only 0.03 inches at Sheldon to 5.24 inches at Grundy Center. The statewide average precipitation was 1.56 inches while normal for the week is 0.96 inches. Seasonal temperatures prevailed on Monday (3<sup>rd</sup>) with cool weather dominating again from Tuesday to Thursday. Heat and humidity returned over the weekend with the hottest weather in most areas coming on Saturday. Temperature extremes for the week ranged from a Wednesday morning low of 47 degrees at Cresco to a Saturday afternoon high of 97 degrees at Ankeny. The statewide average temperature for the week was 0.8 degrees below normal.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	4	16	50	28
Soybeans	1	4	18	52	25
Oats	3	5	26	53	13
Hay, all	3	10	27	48	12
Range & Pasture	1	6	26	51	16



## Field Work and Crop Progress as of August 9, 2009

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	Percent	Percent	Percent	Percent	Percent
Corn tasseled	98	98	97	99	99	95	97	95	96	97	92	95	99	
Corn silked	92	93	86	96	94	88	93	85	87	91	79	85	96	
Corn in or past milk stage	52	41	35	60	57	36	64	50	42	49	25	41	70	
Corn in or past dough stage	12	3	4	13	26	5	15	11	13	11	2	9	33	
Soybeans blooming	98	98	98	98	95	93	92	83	93	95	90	88	96	
Soybeans setting pods	74	89	84	85	75	79	77	61	68	78	61	64	82	
Oats harvested for grain	83	75	86	86	89	88	94	76	96	86	64	72	92	
Hay, alfalfa - second crop harvested	99	98	99	94	95	89	93	80	78	90	80	84	95	
Hay, alfalfa - third crop harvested	42	29	29	23	18	9	13	17	17	20	6	11	27	

## Days Suitable & Soil Moisture Condition as of August 9, 2009

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	Days	Days	Days
Days suitable	5.4	5.3	4.7	4.8	5.6	4.0	4.9	5.1	4.8	5.0	5.8	5.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	5	1	0	2	0	0	0	2	1	1	1	
Short	16	16	7	9	21	4	22	10	6	12	15	11	
Adequate	83	78	72	82	70	68	69	71	74	75	79	78	
Surplus	1	1	20	9	7	28	9	19	18	12	5	10	
Subsoil moisture													
Very short	0	4	1	0	2	0	0	2	0	1	1	1	
Short	5	17	7	6	8	4	10	6	2	7	9	7	
Adequate	94	78	85	89	81	75	81	70	79	82	82	77	
Surplus	1	1	7	5	9	21	9	22	19	10	8	15	

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office**  
**For the week ending: Sunday, August 9, 2009, 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
<b>North West District</b>										
Estherville	87	51	70	-1	0.72	-0.07	12.81	-1.88	145	-2
Sioux Center	89	53	72	-1	0.56	-0.14	13.77	-0.98	158	-3
Spencer	90	52	72	-1	0.13	-0.78	12.79	-2.64	155	-1
Spirit Lake	89	56	71	-2	0.38	-0.39	13.42	-1.20	146	-26
<b>North Central District</b>										
Britt	88	53	69	-3	0.45	-0.38	17.22	0.76	139	-17
Humboldt	89	52	70	-3	0.34	-0.57	17.97	1.15	143	-18
Mason City	89	48	71	-1	0.94	0.03	15.90	-1.12	150	-4
Osage	86	53	69	-4	1.20	0.22	16.19	-0.92	133	-35
<b>North East District</b>										
Decorah	87	49	72	-1	2.33	1.43	18.25	1.61	153	-5
Dubuque	86	54	71	-2	1.91	0.93	19.95	2.56	147	-5
Elkader	88	46	67	-5	2.55	1.57	20.12	3.62	122	-52
Fayette	86	51	68	-5	1.64	0.66	23.59	6.17	126	-28
Waterloo	90	51	73	2	1.82	0.94	19.35	1.52	163	8
<b>West Central District</b>										
Carroll	91	55	71	-2	1.13	0.24	18.41	0.35	151	-9
Castana	91	55	72	-3	0.35	-0.41	15.12	-0.51	157	-1
Guthrie Center	92	51	72	-2	0.66	-0.24	17.26	0.12	156	-10
Harlan	92	54	72	-2	0.43	-0.30	18.68	2.12	159	0
Jefferson	89	53	71	-2	1.91	1.02	17.77	-0.29	149	-11
Logan	95	56	75	0	0.57	-0.20	17.95	1.63	173	0
Rockwell City	90	54	71	-3	0.85	-0.06	15.76	-1.15	150	-14
Sac City	88	53	70	-4	0.74	-0.10	15.79	-0.70	139	-23
Sioux City	93	56	76	2	0.31	-0.37	13.63	-0.24	182	8
<b>Central District</b>										
Boone	91	54	72	-2	1.04	0.15	17.73	-0.26	154	-7
Des Moines	95	61	78	3	0.58	-0.33	16.92	0.49	198	16
Grundy Center	89	52	70	-2	2.27	1.39	20.65	3.15	139	-9
Marshalltown	89	53	73	1	0.96	-0.09	14.36	-3.26	160	5
Newton	92	55	73	-2	0.57	-0.27	16.55	-0.34	160	-8
Perry	93	53	72	-1	0.62	-0.22	16.50	-0.51	158	-2
Toledo	88	52	70	-4	1.11	0.06	16.54	-1.41	140	-18
<b>East Central District</b>										
Cedar Rapids	88	53	72	-2	1.59	0.71	19.72	3.04	156	-6
Davenport	89	54	73	-3	1.68	0.73	22.93	6.52	161	-11
Iowa City	90	58	74	-2	1.27	0.24	18.00	-0.51	171	-7
Lowden	88	51	70	-4	2.69	1.71	22.36	3.96	142	-19
Maquoketa	86	51	69	-4	1.65	0.73	20.57	4.13	132	-24
Muscataine	89	54	72	-4	1.54	0.63	23.78	6.39	153	0
<b>South West District</b>										
Atlantic	92	53	75	2	1.25	0.48	22.96	7.14	175	14
Clarinda	91	50	73	-3	0.23	-0.81	17.69	-1.19	159	-13
Glenwood	96	53	75	-1	0.54	-0.30	17.83	0.53	175	-1
Red Oak	94	55	75	-2	0.40	-0.51	16.15	-2.50	175	-6
Sidney	94	56	75	-2	0.69	-0.29	14.79	-2.86	176	-3
<b>South Central District</b>										
Allerton	88	54	72	-2	1.38	0.45	21.48	3.93	158	16
Beaconsfield	91	55	73	-3	1.23	0.33	21.49	4.38	159	-12
Chariton	90	49	71	-4	1.68	0.84	22.25	4.28	152	-18
Indianola	92	54	73	-2	1.25	0.41	20.78	3.47	160	-7
Leon	91	50	72	-4	1.20	0.22	18.12	0.50	157	-17
<b>South East District</b>										
Bloomfield	90	57	72	-4	1.31	0.33	23.64	5.96	159	-17
Burlington	91	58	75	1	1.54	0.67	23.75	7.04	177	3
Ottumwa	89	54	74	-2	0.59	-0.30	21.24	4.61	172	-7
Washington	91	54	72	-4	0.80	-0.04	21.56	5.21	157	-3

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 2009: AWIS, Inc. All Rights Reserved.

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 AGRICULTURAL STATISTICS SERVICE, IOWA FIELD OFFICE, 210 WAINUT  
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 TO IA CROPS & WEATHER, C/O SD AGRICULTURAL STATISTICS, PO BOX  
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