



# Iowa Crops & Weather

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## THUNDERSTORMS GENERATE MIXED OUTCOMES

Iowa again received beneficial moisture during the week as heat units continued to rise. Moisture came with isolated but severe crop damage in Central Iowa. Many counties reported increased spraying for soybean aphids as threshold levels were surpassed. Fungicide treatment for gray leaf spot was also reported in corn fields. Cattle on feed continue to struggle gaining weight with the increased temperatures and humidity levels.

There were 4.9 days suitable for fieldwork during the week, compared to the five-year average of 5.0 days. Topsoil moisture rated 1 percent very short, 9 percent short, 79 percent adequate, and 11 percent surplus across the state. Subsoil moisture rated 1 percent very short, 7 percent short, 83 percent adequate, and 9 percent surplus.

**Field Crops Report:** Nearly all corn fields have tasseled with 98 percent silked, 4 percentage points ahead of last year. Corn at or beyond the milk stage reached 74 percent, 8 percentage points ahead of last year, but 5 days behind the five-year average. Corn reported at or beyond the dough stage reached 27 percent, on par with last year, but 9 days behind the five-year average. Corn reported at or beyond the dent stage reached 3 percent, on par with last year, but 8 days behind the five-year average. Corn condition was rated 3 percent very poor, 5 percent poor, 15 percent fair, 50 percent good, and 27 percent excellent.

Soybeans reached 98 percent blooming with 89 percent setting pods. Soybeans blooming are 3 percentage points ahead of last year, but 1 percentage point behind the five-year average. Soybeans setting pods are ahead of last year by 11 percentage points, but 2 percentage points behind the five-year average. Soybean condition was rated 2 percent very poor, 5 percent poor, 16 percent fair, 55 percent good, and 22 percent excellent.

Oat harvest reached 96 percent complete, 2 days behind the five-year average, but 7 days 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.

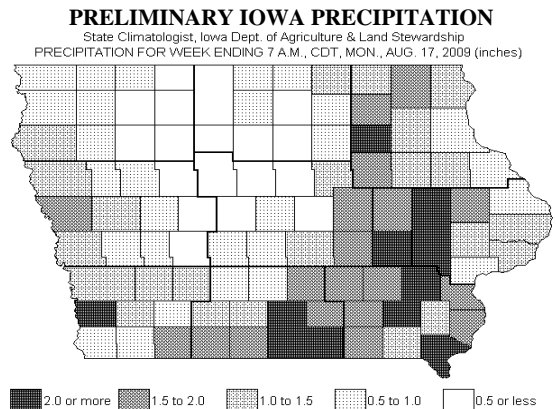
Alfalfa second cutting has reached 95 percent complete, 3 percentage points behind the five-year average, but 5 percentage points ahead of last year. Alfalfa third cutting has reached 32 percent complete, 12 percentage points behind the five-year average, but 11 percentage points ahead of last year. All hay condition was rated 3 percent very poor, 10 percent poor, 28 percent fair, 49 percent good, and 10 percent excellent.

**Livestock, Pasture and Range Report:** Pasture and range condition rated 1 percent very poor, 7 percent poor, 25 percent fair, 50 percent good, and 17 percent excellent. Gains for cattle on feed slowed last week as warm temperatures and humidity covered the state.

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

The past reporting week began with temperatures averaging slightly below normal on Monday (10<sup>th</sup>) and Tuesday (11<sup>th</sup>). However, temperatures were above normal for the remainder of the week with afternoon highs reaching 90 degrees at a few central and southwestern locations on Wednesday, Thursday and Friday. Temperature extremes ranged from afternoon highs of 92 degrees at Sioux City on Wednesday and at Ankeny on Thursday while lows of 50 degrees were recorded Monday (17<sup>th</sup>) morning at Estherville, Onawa, Pocahontas, Sibley, Spencer and Swea City. Temperatures for the week as a whole averaged 1.6 degrees above normal to bring Iowa its first warmer than normal week in six weeks. The work week began with scattered thunderstorms on Monday over the east one-third of the state. Tuesday and Wednesday were mostly dry while Thursday brought scattered showers and thunderstorms over the north and east. Friday was dry while thunderstorms moved into western Iowa on Saturday and over much of the state on Sunday and over the southeast on Monday morning. Most of the week's rain came on Sunday with locally heavy rain over the south and east. Weekly rain totals varied from only 0.07 inches at Dakota City up to 4.18 inches at Lake Rathbun Dam. The statewide average precipitation was 1.15 inches while normal for the week is 0.96 inches.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	5	15	50	27
Soybeans	2	5	16	55	22
Oats	3	5	26	53	13
Hay, all	3	10	28	49	10
Range & Pasture	1	7	25	50	17



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 silked	100	99	94	99	100	97	96	94	95	98	91	94	98	
Corn in or past milk stage	67	73	62	86	80	73	88	71	74	74	49	66	85	
Corn in or past dough stage	23	20	16	34	39	19	46	29	15	27	11	27	54	
Soybeans setting pods	93	90	94	95	85	94	89	76	76	89	78	78	91	
Oats harvested for grain	95	83	99	96	99	98	96	86	97	96	86	89	97	
Hay, alfalfa - second crop harvested	100	99	100	99	100	95	96	87	86	95	90	90	98	
Hay, alfalfa - third crop harvested	50	39	42	43	42	19	35	20	24	32	20	21	44	

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	5.6	5.2	4.4	4.4	4.6	4.1	5.5	5.1	5.0	4.9	5.0	5.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	3	0	0	2	0	5	0	0	1	1	2	
Short	24	16	2	5	11	0	10	8	1	9	12	18	
Adequate	75	80	83	89	77	80	78	68	82	79	75	73	
Surplus	1	1	15	6	10	20	7	24	17	11	12	7	
Subsoil moisture													
Very short	0	3	0	0	2	0	0	2	0	1	1	1	
Short	12	14	3	5	10	0	11	7	1	7	7	10	
Adequate	87	81	89	91	81	76	71	83	79	83	82	77	
Surplus	1	2	8	4	7	24	18	8	20	9	10	12	

**Weather Summary**  
**For National Agricultural Statistics Service, Iowa Field Office**  
**For the week ending: Sunday, August 16, 2009, Prepared by AWIS, Inc.**

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			DFN	PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG		TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	85	58	72	4	0.33	-0.51	13.14	-2.39	158	20
Sioux Center	90	54	74	3	0.55	-0.19	14.32	-1.17	166	13
Spencer	91	54	74	3	0.48	-0.43	13.27	-3.07	168	20
Spirit Lake	89	59	74	5	0.57	-0.25	13.99	-1.45	172	7
North Central District										
Britt	87	59	73	3	0.98	0.21	18.20	0.97	165	15
Humboldt	86	58	74	3	0.16	-0.69	18.13	0.46	168	16
Mason City	88	58	73	3	0.82	-0.09	16.72	-1.21	167	22
Osage	86	60	72	2	1.65	0.66	17.84	-0.26	158	-3
North East District										
Decorah	87	55	74	3	1.88	0.97	20.13	2.58	168	17
Dubuque	83	58	72	3	1.15	0.10	21.10	2.66	159	15
Elkader	88	53	72	2	1.17	0.19	21.29	3.81	156	-9
Fayette	85	56	72	2	2.02	1.04	25.61	7.21	154	8
Waterloo	87	59	75	4	1.93	1.11	21.28	2.63	174	26
West Central District										
Carroll	89	60	74	3	0.98	0.14	19.39	0.49	168	16
Castana	87	61	73	0	2.25	1.47	17.37	0.96	163	12
Guthrie Center	90	57	75	3	1.27	0.31	18.53	0.43	175	17
Harlan	89	58	73	0	1.53	0.76	20.21	2.88	163	13
Jefferson	87	60	73	2	0.98	0.14	18.75	-0.15	166	14
Logan	90	58	74	1	2.08	1.31	20.03	2.94	168	3
Rockwell City	86	61	73	1	1.24	0.39	17.00	-0.76	163	6
Sac City	87	60	72	1	0.71	-0.13	16.50	-0.83	157	5
Sioux City	92	57	76	3	1.01	0.38	14.64	0.14	182	16
Central District										
Boone	88	60	74	3	0.87	-0.04	18.60	-0.30	170	18
Des Moines	91	65	78	4	1.09	0.12	18.01	0.61	199	26
Grundy Center	87	60	73	4	4.10	3.26	24.75	6.41	162	21
Marshalltown	87	60	74	4	1.87	0.82	16.23	-2.44	170	23
Newton	90	62	75	2	1.72	0.88	18.27	0.54	175	15
Perry	90	60	75	4	1.31	0.40	17.81	-0.11	177	25
Toledo	87	60	73	3	1.68	0.63	18.22	-0.78	162	12
East Central District										
Cedar Rapids	83	58	73	2	2.53	1.62	22.25	4.66	162	9
Davenport	87	58	74	1	0.49	-0.49	23.42	6.03	169	4
Iowa City	85	60	75	0	2.14	1.16	20.14	0.65	175	4
Lowden	85	54	72	2	0.71	-0.34	23.07	3.62	157	1
Maquoketa	83	57	72	0	0.64	-0.34	21.21	3.79	152	3
Muscatine	87	59	74	-1	0.81	-0.08	24.59	6.31	167	22
South West District										
Atlantic	88	56	74	3	2.19	1.42	25.15	8.56	172	20
Clarinda	88	58	73	0	0.84	-0.14	18.53	-1.33	166	3
Glenwood	91	59	75	2	2.40	1.56	20.23	2.09	173	4
Red Oak	90	58	75	1	1.49	0.56	17.64	-1.94	178	5
Sidney	89	64	75	2	0.81	-0.17	15.60	-3.03	176	5
South Central District										
Allerton	87	62	74	2	3.05	2.14	24.53	6.07	173	38
Beaconsfield	87	63	75	2	2.63	1.76	24.12	6.14	174	11
Chariton	87	58	74	1	2.98	2.13	25.23	6.41	168	5
Indianola	87	62	75	3	1.27	0.43	22.05	3.90	178	19
Leon	88	60	75	2	2.23	1.22	20.35	1.72	174	9
South East District										
Bloomfield	90	63	75	2	1.62	0.64	25.26	6.60	178	8
Burlington	90	61	76	3	0.71	-0.13	24.46	6.91	180	14
Ottumwa	88	62	75	2	1.46	0.62	22.70	5.23	177	5
Washington	88	57	74	-1	1.48	0.67	23.04	5.88	171	19

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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