



# Iowa Crops & Weather

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## CROPS PROGRESS DURING DRY COOL WEEK

While temperatures continued to stay on the cool side, Iowa received lower than average rainfall. Low humidity and clear skies allowed crops to make some progress as the growing season draws to a close. The below average rainfall has been especially beneficial to low-lying fields in Eastern Iowa where flooding continues to be a concern. Farmers again reported fungal disease in corn and soybean fields. Soybean Sudden Death Syndrome has been identified as the cause of some fields turning color early. While corn and soybeans are still rated in mostly good to excellent condition, crop progress continues to fall behind the five-year averages for most stages. Hay and livestock operations continue putting up the last cuttings of this year's hay crop. Cattle on feed recorded good gains thanks to optimal weather conditions.

There were 6.1 days suitable for fieldwork during the week, compared to the five-year average of 5.5 days. Topsoil moisture rated 1 percent very short, 11 percent short, 81 percent adequate, and 7 percent surplus across the state. Subsoil moisture rated 2 percent very short, 9 percent short, 77 percent adequate, and 12 percent surplus.

**Field Crops Report:** Corn at or beyond the milk stage reached 97 percent, 1 percentage point ahead of last year, but 7 days behind the five-year average. Corn reported at or beyond the dough stage reached 86 percent, 5 percentage points ahead of last year, but 7 days behind the five-year average. Corn reported at or beyond the dent stage reached 53 percent, 5 percentage points ahead of last year, but 8 days behind the five-year average. Corn reported mature or safe from frost reached 2 percentage points, 1 percentage point behind last year and 15 days behind the five-year average. Corn condition was rated 3 percent very poor, 5 percent poor, 16 percent fair, 51 percent good, and 25 percent excellent.

Nearly all the soybeans are at or beyond the setting pods stage. Soybean leaves turning color reached 29 percent, 3 percentage points ahead of last year, but 17 percentage points behind the five-year average. Soybeans

dropping leaves reached 4 percent, on par with last year, but 10 percentage points behind the five-year average. Soybean condition was rated 2 percent very poor, 5 percent poor, 18 percent fair, 55 percent good, and 20 percent excellent.

Alfalfa third cutting has reached 72 percent complete, 9 percentage points behind the five-year average, but 13 percentage points ahead of last year. All hay condition was rated 2 percent very poor, 11 percent poor, 27 percent fair, 49 percent good, and 11 percent excellent.

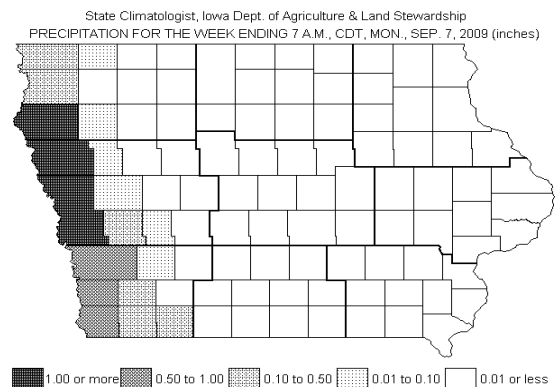
**Livestock, Pasture and Range Report:** Pasture and range condition rated 1 percent very poor, 8 percent poor, 24 percent fair, 51 percent good, and 16 percent excellent. Stress levels for cattle on pasture continue to be relatively low thanks to continued cool temperatures and low humidity.

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

It was a dry week across most of Iowa. Rainfall was restricted to far western Iowa where showers and thunderstorms brought some locally heavy rain between Wednesday evening and Thursday afternoon. Sioux City Airport reported the most rain with 3.14 inches while no rain was recorded over most of the eastern four-fifths of the state. The statewide average precipitation was only 0.09 inches while normal for the week is 0.88 inches. This was Iowa's driest week in 31 weeks (early February). Soils have become quite dry in some areas, particularly over northwest and north central Iowa. The past reporting week began with temperatures well below normal on Monday (31<sup>st</sup>) and Tuesday (1<sup>st</sup>) and gradually warmed to near normal by Sunday (6<sup>th</sup>). Temperature extremes ranged from a Tuesday morning low of 39 degrees at Elkader to afternoon highs of 82 degrees at Ankeny on Saturday and Sunday. The statewide average temperature for the week was 5.2 degrees below normal.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	5	16	51	25
Soybeans	2	5	18	55	20
Hay, all	2	11	27	49	11
Range & Pasture	1	8	24	51	16

## PRELIMINARY IOWA PRECIPITATION



## Field Work and Crop Progress as of September 6, 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					
Corn in or past dough stage	84	96	62	92	94	85	93	78	76	86	74	81	93	
Corn in or past dent stage	55	57	27	59	61	49	72	49	43	53	28	48	74	
Corn mature (safe from frost)	3	0	1	3	4	2	6	2	2	2	0	3	17	
Soybean leaves turning color	41	35	22	34	30	28	21	13	14	29	6	26	46	
Soybeans dropping leaves	7	4	4	2	4	2	2	3	1	4	0	4	14	
Hay, alfalfa - third crop harvested	97	95	80	86	83	81	86	47	67	72	55	59	81	

## Days Suitable & Soil Moisture Condition as of September 6, 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 suitable	6.2	6.7	6.7	5.7	6.5	6.0	5.3	5.9	5.8	6.1	3.9	5.4	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	5	4	1	0	1	0	0	0	0	1	1	9	
Short	20	25	15	8	10	0	8	3	3	11	6	23	
Adequate	75	70	82	89	76	84	79	91	82	81	71	64	
Surplus	0	1	2	3	13	16	13	6	15	7	22	4	
Subsoil moisture													
Very short	5	4	0	1	2	0	0	0	0	2	1	5	
Short	27	16	10	5	8	0	7	3	2	9	7	20	
Adequate	68	79	87	89	71	67	71	77	84	77	69	71	
Surplus	0	1	3	5	19	33	22	20	14	12	23	4	

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office  
For the week ending: Sunday, September 6, 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
North West District										
Estherville	78	39	58	-6	0.00	-0.84	14.30	-3.75	59	-37
Sioux Center	79	38	61	-6	0.22	-0.55	15.89	-1.91	80	-34
Spencer	81	36	61	-5	0.00	-0.84	14.04	-4.91	78	-27
Spirit Lake	79	44	64	0	0.00	-0.84	14.60	-3.36	101	-31
North Central District										
Britt	75	41	59	-9	0.00	-0.84	19.63	-0.02	61	-53
Humboldt	78	42	59	-8	0.17	-0.74	20.35	0.06	66	-46
Mason City	78	38	57	-9	0.00	-0.98	17.48	-3.33	50	-53
Osage	78	43	59	-7	0.00	-1.05	18.64	-2.61	67	-57
North East District										
Decorah	77	39	58	-9	0.00	-0.98	22.42	2.05	58	-56
Dubuque	76	43	59	-7	0.00	-1.19	25.00	3.16	67	-40
Elkader	77	38	57	-10	0.00	-0.91	23.34	3.05	49	-84
Fayette	78	42	59	-8	0.00	-0.96	27.28	5.96	63	-47
Waterloo	78	41	59	-8	0.01	-0.83	22.91	1.87	64	-46
West Central District										
Carroll	78	41	59	-8	0.00	-0.87	22.41	0.96	67	-47
Castana	78	46	61	-8	1.32	0.46	21.56	2.61	78	-35
Guthrie Center	78	40	60	-9	0.00	-0.98	20.30	-0.74	68	-53
Harlan	78	43	60	-9	0.22	-0.84	24.56	4.44	71	-41
Jefferson	78	44	59	-8	0.00	-0.87	20.91	-0.54	65	-49
Logan	80	43	61	-8	1.58	0.71	23.17	3.60	79	-48
Rockwell City	76	45	60	-8	0.00	-0.91	18.94	-1.48	71	-50
Sac City	79	40	59	-8	0.00	-0.91	17.58	-2.45	63	-49
Sioux City	80	45	64	-5	3.14	2.44	19.99	3.43	97	-27
Central District										
Boone	78	46	61	-7	0.00	-0.91	21.42	-0.22	79	-39
Des Moines	80	50	65	-5	0.00	-0.91	20.62	0.38	105	-28
Grundy Center	78	42	58	-7	0.00	-0.84	27.18	6.36	60	-43
Marshalltown	76	41	59	-8	0.00	-0.99	19.47	-2.29	66	-43
Newton	77	46	61	-8	0.00	-0.98	23.97	3.46	75	-49
Perry	79	46	61	-6	0.13	-0.72	21.18	0.60	79	-33
Toledo	77	43	59	-8	0.00	-0.97	24.31	2.32	64	-47
East Central District										
Cedar Rapids	76	44	60	-8	0.00	-0.98	32.07	11.66	74	-45
Davenport	79	43	62	-7	0.00	-0.88	29.91	9.74	88	-44
Iowa City	77	46	62	-8	0.00	-0.98	24.42	1.99	88	-51
Lowden	78	40	58	-9	0.00	-1.05	31.40	8.80	59	-60
Maquoketa	77	41	58	-8	0.00	-1.05	26.30	5.75	59	-51
Muscatine	78	47	62	-8	0.16	-0.75	30.41	9.45	85	-24
South West District										
Atlantic	80	43	60	-8	0.03	-0.93	27.32	8.09	69	-46
Clarinda	77	42	60	-9	0.40	-0.66	21.01	-1.95	72	-54
Glenwood	79	45	62	-8	0.80	-0.14	22.03	1.14	83	-50
Red Oak	79	46	62	-9	0.81	-0.25	19.97	-2.67	84	-54
Sidney	78	47	63	-8	0.50	-0.48	16.74	-4.76	88	-47
South Central District										
Allerton	78	46	61	-7	0.00	-1.07	32.34	10.85	82	-11
Beaconsfield	77	47	61	-8	0.00	-1.01	30.14	9.30	77	-47
Chariton	77	41	58	-11	0.00	-1.13	29.64	7.77	55	-69
Indianola	78	43	60	-8	0.00	-0.91	25.01	4.15	75	-47
Leon	78	44	60	-9	0.00	-1.05	26.08	4.30	69	-57
South East District										
Bloomfield	78	45	61	-9	0.00	-1.12	30.41	8.54	76	-60
Burlington	81	48	67	-4	0.00	-0.97	31.48	11.18	119	-15
Ottumwa	78	44	61	-9	0.01	-0.98	29.75	9.52	81	-54
Washington	79	43	61	-10	0.00	-0.94	30.05	10.25	79	-34

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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