



# Iowa Crops & Weather

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## FAVORABLE WEATHER INCREASES CROP MATURITY

Crops in Iowa recorded steady increases in maturity as temperatures were average with little rainfall. While Western districts received some isolated thunderstorms, most of the state stayed relatively dry. Soybean fields across the state are turning color seemingly overnight. Low humidity and sun-filled days allowed many areas of the state to narrow the gap on five-year average maturity stages. Corn and soybeans are still rated in mostly good to excellent condition. No major crop disease or insect issues were reported. The lack of rainfall has given many hay producers a chance to finally put up quality hay. Cattle on pasture continue to enjoy mild temperatures and plenty of forage as fall approaches.

There were 6.6 days suitable for fieldwork during the week, compared to the five-year average of 5.2 days. Topsoil moisture rated 4 percent very short, 22 percent short, 71 percent adequate, and 3 percent surplus across the state. Subsoil moisture rated 3 percent very short, 13 percent short, 78 percent adequate, and 6 percent surplus.

**Field Crops Report:** Most of the corn acres are now reported at or beyond the milk stage. Corn reported at or beyond the dough stage reached 95 percent, 4 percentage points ahead of last year, but 3 days behind the five-year average. Corn reported at or beyond the dent stage reached 76 percent, 8 percentage points ahead of last year, but 6 days behind the five-year average. Corn reported mature or safe from frost reached 8 percentage points, 2 percentage points behind last year and 13 days behind the five-year average. Corn condition was rated 3 percent very poor, 5 percent poor, 17 percent fair, 49 percent good, and 26 percent excellent.

Soybean leaves turning color reached 64 percent, 10 percentage points ahead of last year, but 10 percentage points behind the five-year average. Soybeans dropping leaves reached 18 percentage points, 4 percentage

points ahead of last year, but 18 percentage points behind the five-year average. Soybean condition was rated 2 percent very poor, 5 percent poor, 18 percent fair, 53 percent good, and 22 percent excellent.

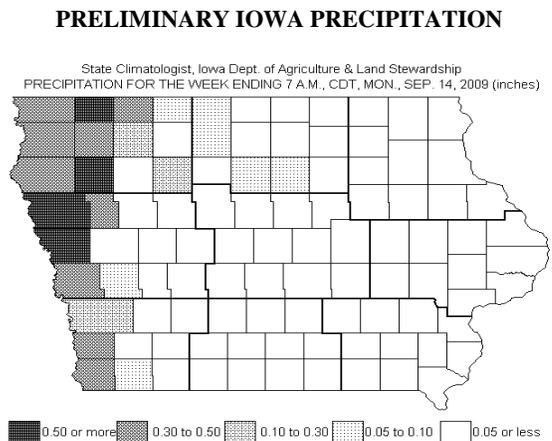
Alfalfa third cutting has reached 81 percent complete, 8 percentage points behind the five-year average, but 11 percentage points ahead of last year. All hay condition was rated 3 percent very poor, 11 percent poor, 29 percent fair, 46 percent good, and 11 percent excellent.

**Livestock, Pasture and Range Report:** Pasture and range condition rated 2 percent very poor, 8 percent poor, 27 percent fair, 49 percent good, and 14 percent excellent. Stress levels for cattle on feed continue to be relatively low thanks to average temperatures and low humidity.

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

It was another very dry week across most of Iowa. As was the case the previous week significant rain was confined to far western portions of the state. Scattered showers and thunderstorms were restricted to the period from Friday (11<sup>th</sup>) afternoon to Saturday (12<sup>th</sup>) afternoon. Onawa reported the most rain with 2.32 inches while most of the eastern three-fourths of Iowa saw no rain for the second consecutive week. The statewide average precipitation was 0.09 inches while normal for the week is 0.83 inches. Temperatures were above normal each day of the reporting week with a statewide average of 3.4 degrees above normal. Highs were in the upper 70's to low 80's each day in most areas. Weekly temperature extremes varied from afternoon highs of 85 degrees at Ankeny on Friday (11<sup>th</sup>) and Cresco on Sunday (13<sup>th</sup>) down to morning lows of 44 degrees at Cresco on Tuesday (8<sup>th</sup>) and at Elkader on Monday (14<sup>th</sup>).

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	5	17	49	26
Soybeans	2	5	18	53	22
Hay, all	3	11	29	46	11
Range & Pasture	2	8	27	49	14



## Field Work and Crop Progress as of September 13, 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	96	99	85	98	100	93	94	90	91	95	86	91	97	
Corn in or past dent stage	85	84	58	80	85	69	78	64	63	76	53	68	86	
Corn mature (safe from frost)	7	4	3	10	10	10	17	13	8	8	2	10	34	
Soybean leaves turning color	76	75	54	62	81	53	58	34	49	64	30	54	74	
Soybeans dropping leaves	33	20	9	17	26	7	8	13	10	18	4	14	36	
Hay, alfalfa - third crop harvested	98	96	88	95	96	86	91	50	74	81	72	70	89	

## Days Suitable & Soil Moisture Condition as of September 13, 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	6.8	6.0	7.0	6.9	6.1	6.7	6.8	6.6	6.1	4.0	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	10	11	2	1	3	0	1	1	0	4	1	6	
Short	26	37	23	18	29	18	22	11	11	22	11	14	
Adequate	64	51	73	78	68	74	74	83	77	71	81	67	
Surplus	0	1	2	3	0	8	3	5	12	3	7	13	
Subsoil moisture													
Very short	8	11	3	1	1	0	0	0	0	3	2	4	
Short	24	32	12	10	17	0	9	4	3	13	9	17	
Adequate	68	56	83	87	79	84	82	89	81	78	77	68	
Surplus	0	1	2	2	3	16	9	7	16	6	12	11	

**Weather Summary**  
**For National Agricultural Statistics Service, Iowa Field Office**  
**For the week ending: Sunday, September 13, 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	81	49	67	6	0.13	-0.71	14.43	-4.46	118	39
Sioux Center	83	51	67	4	0.32	-0.40	15.97	-2.55	124	26
Spencer	84	49	69	7	0.41	-0.41	14.45	-5.32	133	47
Spirit Lake	84	52	70	9	0.10	-0.69	14.70	-4.05	140	22
North Central District										
Britt	79	51	66	3	0.00	-0.89	19.63	-0.91	115	15
Humboldt	81	51	67	4	0.22	-0.64	20.57	-0.58	118	24
Mason City	81	49	66	4	0.00	-0.93	17.48	-4.26	110	24
Osage	80	53	67	5	0.00	-1.02	18.64	-3.63	122	15
North East District										
Decorah	81	49	65	2	0.00	-0.98	22.42	1.07	109	11
Dubuque	79	52	67	5	0.00	-1.18	25.00	1.98	121	29
Elkader	80	47	64	2	0.00	-0.90	23.34	2.15	103	-16
Fayette	81	49	66	4	0.00	-0.91	27.28	5.05	116	23
Waterloo	81	52	67	4	0.01	-0.83	22.92	1.04	119	24
West Central District										
Carroll	82	49	66	3	0.02	-0.83	22.43	0.13	117	19
Castana	79	55	67	2	0.31	-0.54	21.87	2.07	121	23
Guthrie Center	81	49	66	1	0.00	-0.93	20.30	-1.67	111	6
Harlan	82	51	67	2	0.02	-1.12	24.58	3.32	120	22
Jefferson	81	51	66	3	0.00	-0.85	20.91	-1.39	115	17
Logan	83	53	68	3	0.21	-0.70	23.38	2.90	129	17
Rockwell City	80	53	67	2	0.00	-0.91	19.14	-2.19	121	14
Sac City	82	48	66	3	0.00	-0.91	17.58	-3.36	113	18
Sioux City	83	54	69	4	1.04	0.34	21.03	3.77	132	25
Central District										
Boone	81	54	68	4	0.00	-0.89	21.42	-1.11	127	24
Des Moines	84	61	72	6	0.00	-0.86	20.62	-0.48	156	38
Grundy Center	80	51	66	4	0.00	-0.83	27.18	5.53	115	27
Marshalltown	80	52	67	4	0.00	-0.92	19.47	-3.21	119	26
Newton	80	55	67	3	0.00	-0.98	23.97	2.48	123	16
Perry	83	52	68	5	0.00	-0.84	21.18	-0.24	128	30
Toledo	80	51	66	3	0.00	-0.91	24.31	1.41	114	18
East Central District										
Cedar Rapids	80	53	68	3	0.01	-0.97	32.08	10.69	124	19
Davenport	82	54	69	2	0.00	-0.83	29.91	8.91	131	13
Iowa City	81	55	69	2	0.00	-0.96	24.42	1.03	136	12
Lowden	82	48	65	2	0.00	-1.05	31.40	7.75	108	4
Maquoketa	79	48	65	2	0.00	-1.05	26.30	4.70	108	15
Muscatine	81	54	67	0	0.00	-0.91	30.41	8.54	123	30
South West District										
Atlantic	84	48	68	4	0.00	-1.00	27.32	7.09	125	25
Clarinda	81	52	67	2	0.00	-1.09	21.01	-3.04	121	9
Glenwood	81	53	68	2	0.81	-0.14	22.84	1.00	128	9
Red Oak	83	53	69	2	0.03	-1.07	20.00	-3.74	134	13
Sidney	81	56	69	2	0.28	-0.70	17.02	-5.46	132	11
South Central District										
Allerton	81	56	67	2	0.00	-1.12	32.34	9.73	123	46
Beaconsfield	80	54	67	2	0.00	-1.05	30.14	8.25	123	14
Chariton	81	51	66	0	0.00	-1.21	29.64	6.56	112	3
Indianola	81	51	67	2	0.00	-0.91	25.01	3.24	120	13
Leon	80	51	66	0	0.00	-1.05	26.08	3.25	114	3
South East District										
Bloomfield	81	56	68	0	0.00	-1.12	30.41	7.42	125	3
Burlington	84	59	72	5	0.01	-0.97	31.49	10.21	154	34
Ottumwa	82	55	67	0	0.09	-0.96	29.84	8.56	122	1
Washington	82	53	68	0	0.00	-0.98	30.05	9.27	126	28

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.  
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