



# Iowa Crops & Weather

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Issued September 21, 2009

Vol 09-29

For the week ending September 20, 2009

## WEATHER KEEPS CROPS PROGRESSING

Iowa received yet another week of dry, warm conditions allowing corn and soybeans to advance in maturity. A few producers have started harvesting soybeans planted on light sandy soils. The sun filled days and average nighttime temperatures were exactly what crops needed as corn and soybeans still lag behind the five-year average for most crop progress stages. Corn and soybeans continue to be rated in mostly good to excellent condition. For a second week, hay producers took full advantage of the weather and put up more quality hay. The lack of substantial precipitation caused range and pasture conditions to deteriorate in several districts.

There were 6.9 days suitable for fieldwork during the week, compared to the five-year average of 5.1 days. Topsoil moisture rated 10 percent very short, 31 percent short, 57 percent adequate, and 2 percent surplus across the state. Subsoil moisture rated 5 percent very short, 18 percent short, 74 percent adequate, and 3 percent surplus.

**Field Crops Report:** Corn reported at or beyond the dough stage reached 98 percent, 2 percentage points ahead of last year, but 3 days behind the five-year average. Corn reported at or beyond the dent stage reached 89 percent, 6 percentage points ahead of last year, but 5 days behind the five-year average. Corn reported mature or safe from frost reached 22 percent, 1 percentage point ahead of last year, but 11 days behind the five-year average. Corn condition was rated 2 percent very poor, 6 percent poor, 17 percent fair, 49 percent good, and 26 percent excellent.

Soybean leaves turning color reached 87 percent, 9 percentage points ahead of last year, but 3 percentage points behind the five-year average. Soybeans dropping leaves reached 50 percentage points, 11 percentage points ahead of last year, but 14 percentage points behind the five-year average. Soybean harvest has begun with 2 percent of the crop now

reported harvested. Soybean condition was rated 2 percent very poor, 6 percent poor, 19 percent fair, 52 percent good, and 21 percent excellent.

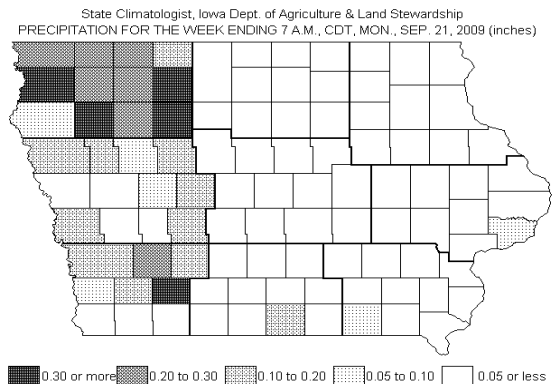
Alfalfa third cutting has reached 90 percent complete, 9 percentage points ahead of last year, but 4 percentage points behind the five-year average.

**Livestock, Pasture and Range Report:** Pasture and range condition rated 3 percent very poor, 11 percent poor, 30 percent fair, 44 percent good, and 12 percent excellent. Cattle on feed continued to record above average gains as temperature and humidity levels remained low.

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

It was another dry week across Iowa. Dry weather prevailed statewide until a few isolated showers moved across the southeast one-third of the state on Sunday (20<sup>th</sup>). A much larger area of showers and thunderstorms was moving into the western one-third of Iowa on Monday (21<sup>st</sup>) morning but rain amounts by 7 a.m. were under one-half inch in most areas. The statewide average precipitation was 0.06 inches while normal for the week is 0.78 inches. Alton reported the most rain with 0.70 inches while no rain was reported over most of the eastern two-thirds of Iowa for the third consecutive week. Temperatures were above normal throughout the week averaging one to two degrees above normal over the southeast and four to six degrees above normal over the northwest with a statewide average temperature of 3.0 degrees above normal. Temperature extremes during the week ranged from afternoon highs of 86 degrees at Pocahontas on Wednesday (16<sup>th</sup>) and again at Pocahontas, as well as Sibley, on Friday (18<sup>th</sup>) while Chariton recorded the lowest temperature with a 40 degree low on Friday morning.

## PRELIMINARY IOWA PRECIPITATION



## Statewide Crop Conditions as of September 20, 2009

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	17	49	26
Soybeans	2	6	19	52	21
Range & Pasture	3	11	30	44	12

## Statewide Harvesting Conditions as of September 20, 2009

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Soybeans lodging	83	14	2	1
Soybeans shattering	93	6	1	0

## Field Work and Crop Progress as of September 20, 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 dent stage	93	94	76	94	94	82	91	85	77	89	76	83	94	
Corn mature (safe from frost)	25	13	12	27	27	22	35	32	18	22	8	21	55	
Soybean leaves turning color	94	98	85	88	91	80	81	65	74	87	64	78	90	
Soybeans dropping leaves	67	70	38	43	58	38	41	34	27	50	18	39	64	
Soybeans harvested	2	1	0	3	3	1	1	0	1	2	0	1	5	
Hay, alfalfa - third crop harvested	99	98	96	97	97	94	97	69	90	90	81	81	94	

## Days Suitable & Soil Moisture Condition as of September 20, 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	6.8	6.9	6.9	6.8	7.0	6.9	6.8	6.6	6.8	6.9	6.6	5.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	16	25	14	5	9	5	5	4	2	10	4	4	
Short	21	37	38	25	44	36	31	23	19	31	22	15	
Adequate	62	38	46	67	47	59	63	62	75	57	71	76	
Surplus	1	0	2	3	0	0	1	11	4	2	3	5	
Subsoil moisture													
Very short	12	14	10	1	3	2	3	1	0	5	3	5	
Short	20	37	19	15	26	6	20	8	4	18	13	17	
Adequate	68	49	68	82	69	89	74	84	89	74	78	71	
Surplus	0	0	3	2	2	3	3	7	7	3	6	7	

**Weather Summary**  
**For National Agricultural Statistics Service, Iowa Field Office**  
**For the week ending: Sunday, September 20, 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	84	47	66	7	0.00	-0.78	14.43	-5.24	113	48
Sioux Center	84	46	65	4	0.00	-0.70	15.97	-3.25	108	24
Spencer	85	50	66	7	0.00	-0.77	14.45	-6.09	116	44
Spirit Lake	85	54	69	11	0.00	-0.76	14.89	-4.62	135	32
North Central District										
Britt	82	51	66	4	0.00	-0.84	19.63	-1.75	113	27
Humboldt	82	50	66	4	0.00	-0.84	20.57	-1.42	110	33
Mason City	82	45	65	6	0.00	-0.90	17.48	-5.16	109	39
Osage	81	52	66	6	0.00	-0.97	18.64	-4.60	115	24
North East District										
Decorah	81	46	64	3	0.00	-0.91	22.42	0.16	99	17
Dubuque	81	48	64	4	0.00	-1.10	25.00	0.88	104	27
Elkader	81	43	62	0	0.00	-0.84	23.34	1.31	83	-22
Fayette	83	48	65	4	0.00	-0.87	27.28	4.18	105	26
Waterloo	82	47	66	5	0.00	-0.84	22.92	0.20	111	32
West Central District										
Carroll	83	49	66	4	0.00	-0.84	22.43	-0.71	111	29
Castana	80	50	67	4	0.00	-0.84	21.87	1.23	117	35
Guthrie Center	82	45	63	1	0.00	-0.88	20.30	-2.55	94	5
Harlan	82	49	65	3	0.00	-1.13	24.58	2.19	107	24
Jefferson	81	49	65	4	0.00	-0.84	20.91	-2.23	105	23
Logan	81	50	66	3	0.00	-0.88	23.38	2.02	114	18
Rockwell City	81	53	66	4	0.00	-0.90	19.14	-3.09	114	23
Sac City	83	48	65	5	0.00	-0.90	17.58	-4.26	110	31
Sioux City	84	50	68	5	0.00	-0.70	21.03	3.07	124	34
Central District										
Boone	81	50	66	4	0.00	-0.84	21.42	-1.95	114	25
Des Moines	83	54	70	6	0.00	-0.82	20.62	-1.30	138	35
Grundy Center	82	47	64	4	0.00	-0.77	27.18	4.76	102	28
Marshalltown	81	46	65	4	0.00	-0.85	19.47	-4.06	102	23
Newton	81	51	66	4	0.00	-0.96	23.97	1.52	111	18
Perry	82	48	66	4	0.00	-0.77	21.18	-1.01	110	27
Toledo	81	47	64	3	0.00	-0.85	24.31	0.56	102	22
East Central District										
Cedar Rapids	82	46	66	4	0.04	-0.88	32.12	9.81	112	22
Davenport	83	44	65	1	0.00	-0.77	29.91	8.14	107	4
Iowa City	83	48	67	3	0.00	-0.91	24.42	0.12	124	14
Lowden	83	42	62	0	0.00	-1.01	31.40	6.74	87	-2
Maquoketa	82	44	63	2	0.00	-0.97	26.30	3.73	89	10
Muscatine	82	46	65	0	0.00	-0.91	30.41	7.63	106	27
South West District										
Atlantic	84	45	65	4	0.00	-0.99	27.32	6.10	107	21
Clarinda	81	46	64	0	0.00	-1.05	21.01	-4.09	98	2
Glenwood	81	47	65	2	0.00	-0.91	22.84	0.09	108	4
Red Oak	83	49	66	2	0.00	-1.05	20.00	-4.79	116	9
Sidney	82	51	67	2	0.00	-0.94	17.02	-6.40	119	14
South Central District										
Allerton	80	45	65	2	0.30	-0.80	32.64	8.93	104	43
Beaconsfield	78	51	65	2	0.00	-1.04	30.14	7.21	102	9
Chariton	80	40	62	-2	0.00	-1.20	29.64	5.36	87	-6
Indianola	81	46	64	2	0.00	-0.91	25.01	2.33	101	8
Leon	82	42	63	-2	0.00	-0.98	26.08	2.27	91	-5
South East District										
Bloomfield	79	45	64	-2	0.05	-1.04	30.46	6.38	99	-8
Burlington	84	48	69	5	0.00	-0.98	31.49	9.23	134	29
Ottumwa	81	45	66	1	0.00	-1.03	29.84	7.53	110	5
Washington	84	43	65	-2	0.00	-0.98	30.05	8.29	103	20

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.