



# Iowa Crops & Weather

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For the week ending October 18, 2009

## WEATHER PARKS COMBINES

Snow and precipitation again halted harvest progress. Only 8 percent of Iowa's soybean crop and 4 percent of the corn crop was harvested during the last week. Much of that work was done on Sunday when warmer temperatures and dry breezes reached most of the State.

There were 2.0 days suitable for fieldwork during the week, compared to the five-year average of 4.6 days. Topsoil moisture rated 3 percent short, 69 percent adequate, and 28 percent surplus across the state. Subsoil moisture rated 1 percent very short, 6 percent short, 78 percent adequate, and 15 percent surplus.

**Field Crops Report:** Corn reported mature or safe from frost reached 93 percent, 2 percentage points ahead of last year, but 8 days behind the five-year average. Ten percent of the corn crop has been harvested for grain, 2 percentage points behind last year, and 2 weeks behind the five-year average. Moisture content of all corn in the field is estimated at 27 percent, 6 percentage points higher than the five-year average. Moisture content of corn being harvested is estimated at 23 percent, 5 percentage points higher than the five-year average. Corn lodging is rated 73 percent none, 20 percent light, 6 percent moderate, and 1 percent heavy. Ear droppage is rated 81 percent none, 15 percent light, 3 percent moderate, and 1 percent heavy. Corn condition is rated 2 percent very poor, 5 percent poor, 18 percent fair, 51 percent good, and 24 percent excellent.

Soybeans dropping leaves reached 98 percent, 1 percentage point ahead of last year, but 1 percentage point behind the five-year average. Soybeans harvested reached 37 percent, 41 percentage points behind last year and over 2 weeks behind the five-year average. Soybean lodging is rated 81 percent none, 14 percent light, 4 percent moderate, and 1 percent heavy. Soybeans shattering is rated 77 percent none, 17 percent light, 5 percent moderate, and 1 percent heavy. Soybean condition is rated 2 percent very poor, 5 percent poor, 21 percent fair, 51 percent good, and 21 percent excellent.

**Livestock, Pasture and Range Report:** Pasture and range condition rated 1 percent very poor, 10 percent poor, 33 percent fair, 44 percent good, and 12 percent excellent. With harvest lagging far behind normal, only a few areas of the State have reported limited to moderate use of stubble fields.

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

Iowa endured another unseasonably cold week with frequent light precipitation. Daytime temperatures failed to reach 50 degrees over most of the northern two-thirds of the state until Sunday (18<sup>th</sup>) when highs ranged from the mid 50's northeast to the mid 60's west. Temperature extremes ranged from a Tuesday (13<sup>th</sup>) morning low of 21 degrees at Mason City to a Sunday (18<sup>th</sup>) afternoon high of 66 degrees at Sioux City. Temperatures for the week as a whole averaged 10.8 degrees below normal. The reporting week began with light rain and/or snow over the northwestern three-fourths of the state on Monday (12<sup>th</sup>) with one to two inches of snow common north of a Sioux City to Mason City line. Precipitation moved back into the state late Tuesday with light rain statewide on Wednesday and Thursday. Light snow again fell over parts of northwest and north central Iowa on Tuesday night with a brief accumulation of an inch or two. Light rain persisted over the western one-half of the state on Friday with very welcome dry weather finally returning over the weekend. The weekend dry weather broke a string of 17 consecutive days with measurable precipitation being recorded somewhere in the state. Weekly precipitation totals varied from 0.22 inches at Cedar Rapids to 0.92 inches at Ruthven (Palo Alto County). The statewide average precipitation was 0.46 inches or just a little less than the weekly normal of 0.56 inches. The first 18 days of the month have been the coldest start to October on record in Iowa with temperatures averaged 10.4 degrees below normal.

### Statewide Crop Conditions as of October 18, 2009

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	18	51	24
Soybeans	2	5	21	51	21
Range & Pasture	1	10	33	44	12

### Statewide Harvesting Conditions as of October 18, 2009

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	73	20	6	1
Corn ear droppage	81	15	3	1
Soybeans lodging	81	14	4	1
Soybeans shattering	77	17	5	1

### State Post-Harvest Conditions as of October 18, 2009

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	47	39	10	4
Grazing on stubble fields	79	18	3	0

### Statewide Hay/Roughage Availability as of October 18, 2009

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay/Roughage	9	75	16

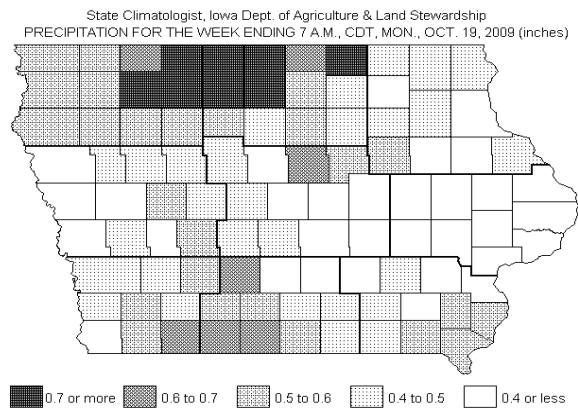
### Field Work and Crop Progress as of October 18, 2009

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 mature (safe from frost)	91	92	91	94	96	96	95	87	89	93	86	91	98	
Corn harvested (grain or seed)	7	8	9	9	11	10	18	5	16	10	6	12	33	
Soybeans dropping leaves	100	100	98	99	100	97	94	97	97	98	97	97	99	
Soybeans harvested	48	42	27	48	49	19	25	16	19	37	29	78	85	

### Days Suitable & Soil Moisture Condition as of October 18, 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	1.3	1.4	3.0	1.7	2.2	2.1	2.5	1.6	2.5	2.0	2.4	4.0	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	3	0	0	0	0	0	3	0	0	0	0	1	
Short	1	0	5	0	0	0	13	6	2	3	3	11	
Adequate	69	62	86	74	51	77	74	58	66	69	74	78	
Surplus	27	38	9	26	49	23	10	36	32	28	23	10	
Subsoil moisture													
Very short	3	1	2	0	0	0	5	0	0	1	2	2	
Short	5	13	8	4	1	2	13	6	3	6	6	15	
Adequate	88	77	85	86	65	82	73	74	70	78	81	76	
Surplus	4	9	5	10	34	16	9	20	27	15	11	7	

## PRELIMINARY IOWA PRECIPITATION



### Statewide Grain Storage Availability as of October 18, 2009

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
On-farm, grain storage	11	82	7
Off-farm, grain storage	5	86	9

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office  
For the week ending: Sunday, October 18, 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	47	24	36	-13	0.65	0.20	20.16	-1.81	0	-18
Sioux Center	63	26	39	-13	0.62	0.17	20.65	-0.76	0	-28
Spencer	48	22	37	-14	0.18	-0.29	18.80	-4.04	0	-22
Spirit Lake	63	24	39	-11	0.64	0.22	19.44	-2.26	2	-39
North Central District										
Britt	45	25	35	-18	0.70	0.24	27.30	3.45	0	-32
Humboldt	46	25	36	-16	0.60	0.11	25.63	1.14	0	-23
Mason City	48	22	36	-14	0.24	-0.30	21.12	-4.22	0	-24
Osage	48	24	35	-17	0.62	0.06	24.78	-1.32	0	-32
North East District										
Decorah	58	24	38	-14	0.40	-0.10	26.08	1.20	0	-29
Dubuque	47	27	39	-13	0.45	-0.12	28.76	1.58	0	-27
Elkader	48	19	37	-15	0.48	-0.08	26.61	1.97	0	-39
Fayette	50	23	36	-15	0.46	-0.12	31.94	6.07	0	-26
Waterloo	49	24	38	-13	0.42	-0.16	27.27	1.82	0	-25
West Central District										
Carroll	46	24	37	-15	0.47	-0.07	25.37	-0.40	0	-26
Castana	47	25	37	-17	0.27	-0.27	23.70	0.39	0	-30
Guthrie Center	47	28	38	-14	0.69	0.11	24.68	-0.96	0	-29
Harlan	47	28	39	-15	0.45	-0.12	25.94	0.34	0	-29
Jefferson	47	26	38	-15	0.43	-0.11	24.24	-1.53	0	-26
Logan	47	28	39	-15	0.39	-0.17	26.00	1.87	0	-31
Rockwell City	46	26	37	-17	0.44	-0.09	23.12	-1.82	0	-31
Sac City	46	23	36	-15	0.46	-0.07	20.82	-3.73	0	-24
Sioux City	51	30	40	-13	0.30	-0.14	23.60	3.50	0	-31
Central District										
Boone	46	26	37	-16	0.39	-0.21	24.87	-1.28	0	-32
Des Moines	49	32	42	-13	0.45	-0.15	24.11	-0.52	0	-41
Grundy Center	48	25	37	-14	0.48	-0.11	32.52	7.41	0	-26
Marshalltown	48	25	39	-13	0.26	-0.30	25.86	-0.34	0	-29
Newton	48	26	38	-16	0.19	-0.42	28.67	3.25	0	-37
Perry	47	26	38	-14	0.42	-0.14	23.89	-0.89	0	-31
Toledo	49	25	37	-15	0.23	-0.33	29.10	2.72	0	-30
East Central District										
Cedar Rapids	50	27	39	-13	0.22	-0.28	36.10	11.15	0	-32
Davenport	52	27	41	-14	0.25	-0.36	33.46	9.06	0	-41
Iowa City	50	30	42	-14	0.27	-0.36	28.12	0.86	0	-45
Lowden	51	25	38	-15	0.31	-0.27	36.95	9.35	0	-34
Maquoketa	49	24	38	-14	0.37	-0.16	31.19	5.85	0	-28
Muscatine	50	29	40	-16	0.31	-0.32	33.91	8.18	0	-28
South West District										
Atlantic	49	28	39	-13	0.52	-0.06	29.08	4.85	0	-29
Clarinda	49	28	40	-14	0.60	-0.02	23.02	-5.22	0	-34
Glenwood	48	30	40	-15	0.45	-0.11	23.94	-1.62	0	-42
Red Oak	50	30	40	-14	0.53	0.00	22.30	-5.41	0	-40
Sidney	49	31	40	-15	0.42	-0.22	18.63	-7.85	0	-43
South Central District										
Allerton	48	28	39	-15	0.38	-0.32	35.76	8.60	0	-19
Beaconsfield	48	30	40	-14	0.82	0.17	32.90	6.77	0	-38
Chariton	48	24	38	-16	0.44	-0.21	32.76	4.98	0	-38
Indianola	48	28	39	-15	0.42	-0.22	28.65	2.98	0	-37
Leon	50	28	40	-14	0.57	-0.11	29.48	2.47	0	-38
South East District										
Bloomfield	49	32	40	-16	0.40	-0.28	36.54	9.10	0	-46
Burlington	55	31	43	-12	0.55	-0.10	34.51	9.10	0	-42
Ottumwa	49	30	40	-15	0.41	-0.17	36.22	10.90	0	-41
Washington	51	28	40	-16	0.36	-0.25	34.64	9.86	0	-31

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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