

# Iowa Crops & Weather



USDA – National Agricultural Statistical Service  
Iowa Field Office

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For the week ending November 4, 2007

## FALL WORK CONTINUES

**Agricultural Summary:** Harvest continued as dry fall weather held for another week. Post-harvest work picked up as fields dried. Fertilizer application, manure spreading and fall tillage are the focus when crops have been harvested. The wet spring and fall have prompted farmers to repair waterways and tiles. Livestock are enjoying the favorable weather.

There were 6.8 days suitable for fieldwork, compared to 6.1 days a year ago. Topsoil moisture rated zero percent very short, 3 percent short, 83 percent adequate, and 14 percent surplus across the State. Subsoil moisture rated 1 percent very short, 2 percent short, 78 percent adequate, and 19 percent surplus.

Grain movement slowed with 13 percent heavy movement, 35 percent moderate, 33 percent light, and 19 percent no movement. Availability of off-farm grain storage rated 24 percent short, 73 percent adequate, and 3 percent surplus. On-farm grain storage availability rated 32 percent short, 66 percent adequate, and 2 percent surplus.

**Field Crops Report:** Eighty-three percent of the corn has been harvested, 1 percentage point ahead of both last year and the five-year average. Harvested field corn percent moisture is averaging 15 percent. Ninety-six percent of the soybeans have been harvested, 1 percentage point behind last year's harvest at this time and 3 percentage points behind the five-year average. The south-central district lagged behind the state average in corn and soybean harvest. Fall fertilizer application progressed to 25 percent for the state.

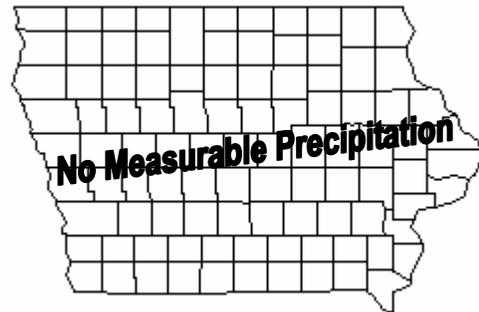
**Livestock and Pasture Report:** Pasture condition rated 3 percent very poor, 9 percent poor, 28 percent fair, 47 percent good, and 13 percent excellent. Use of stubble fields rated 49 percent none, 26 percent limited, 21 percent moderate, and 4 percent extensive. Hay and roughage availability rated 9 percent short, 84 percent adequate, and 7 percent surplus with a rated quality of 5 percent poor, 37 percent fair, and 58 percent good.

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

The past work week began with very mild weather with daytime highs in the 60's and 70's on Monday (29<sup>th</sup>) and Tuesday (30<sup>th</sup>). Seasonal temperatures, with highs mostly in the 50's, prevailed from Wednesday (31<sup>st</sup>) through Saturday (3<sup>rd</sup>). Finally, warmer weather returned on Sunday (4<sup>th</sup>) with highs in the mid 50's northeast to upper 60's west. Temperature extremes for the week varied from Tuesday (30<sup>th</sup>) afternoon highs of 75 degrees at Glenwood and Sidney to a Saturday (3<sup>rd</sup>) morning low of 20 degrees at Sibley. Temperatures for the week as a whole averaged from 1 to 3 degrees above normal in the southeast to 3 to 7 degrees warmer than usual in the northwest with a statewide average of 4.1 degrees above normal. There was no measurable precipitation reported anywhere in Iowa for the past week. Normal precipitation for the week is 0.54 inches. Finally, soil temperatures were averaging in the mid 40's northwest to upper 40's southeast as of Sunday (4<sup>th</sup>).

## PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist

Precipitation for the week ending 7 a.m. CST, Mon., Nov. 5, 2007



Item	Short	Adequate	Surplus
	Percent	Percent	Percent
On-farm, grain storage	32	66	2
Off-farm, grain storage	24	73	3

### Statewide Crop Conditions as of November 4, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	3	9	28	47	13

### State Post-Harvest Conditions as of November 4, 2007

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	19	33	35	13
Grazing on stubble fields	49	26	21	4

### Statewide Hay/Roughage Availability as of November 4, 2007

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay/Roughage	9	84	7

### Field Work and Crop Progress as of November 4, 2007

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					
Fertilizer application completed	25	42	40	15	24	29	11	5	25	25	15	32	26	
Corn harvested (grain or seed)	89	91	88	81	82	87	66	49	87	83	63	82	82	

### Days Suitable & Soil Moisture Condition as of November 4, 2007

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	6.7	6.6	6.7	7.0	6.8	6.8	7.0	6.9	6.9	6.8	5.8	6.1	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	3	0	0	0	0	0	0	0	1	0	0	3	
Short	4	2	6	0	3	5	1	1	5	3	1	15	
Adequate	79	88	82	88	83	88	80	70	80	83	69	77	
Surplus	14	10	12	12	14	7	19	29	14	14	30	5	
Subsoil moisture													
Very short	4	0	0	0	0	0	0	0	1	1	1	6	
Short	3	0	3	0	3	1	0	0	5	2	1	24	
Adequate	74	83	79	87	71	83	81	75	69	78	65	67	
Surplus	19	17	18	13	26	16	19	25	25	19	33	3	

**Weather Summary For Iowa Agricultural Statistics Service**  
**For the week ending: Sunday, November 4, 2007, 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	70	24	47	8	0.00	-0.35	26.86	4.00	15	10	
Sioux Center	71	23	49	7	0.00	-0.34	25.82	3.52	15	8	
Spencer	71	22	48	7	0.00	-0.35	24.23	0.48	18	12	
Spirit Lake	71	28	48	9	0.00	-0.29	28.17	5.68	17	4	
North Central District											
Britt	70	26	45	2	0.00	-0.39	34.87	10.06	10	0	
Humboldt	70	28	45	2	0.00	-0.35	39.01	13.57	8	2	
Mason City	70	26	48	6	0.00	-0.42	35.22	8.80	15	8	
Osage	68	21	45	2	0.00	-0.42	30.37	3.16	10	0	
North East District											
Decorah	69	23	49	6	0.00	-0.42	40.71	14.80	20	12	
Dubuque	69	29	47	4	0.00	-0.59	31.76	3.19	12	5	
Elkader	71	23	45	2	0.00	-0.49	41.14	15.31	13	1	
Fayette	68	26	45	3	0.00	-0.49	40.63	13.53	12	5	
Waterloo	71	25	49	6	0.00	-0.49	37.20	10.52	18	11	
West Central District											
Carroll	69	25	47	4	0.00	-0.42	33.11	6.25	14	7	
Castana	69	31	48	3	0.00	-0.37	33.36	9.03	12	3	
Guthrie Center	70	22	46	2	0.00	-0.47	49.89	23.05	17	10	
Harlan	72	27	47	3	0.00	-0.42	38.48	11.81	14	5	
Jefferson	71	27	47	5	0.00	-0.42	33.46	6.60	17	10	
Logan	72	23	46	2	0.00	-0.41	37.65	12.44	13	4	
Rockwell City	69	29	47	4	0.00	-0.38	39.70	13.74	13	5	
Sac City	70	28	47	5	0.00	-0.39	40.10	14.52	14	7	
Sioux City	71	22	48	5	0.00	-0.33	33.48	12.52	18	10	
Central District											
Boone	69	25	46	3	0.00	-0.49	39.19	11.78	13	4	
Des Moines	70	31	50	4	0.00	-0.49	32.65	6.76	19	5	
Grundy Center	69	28	46	4	0.00	-0.49	40.05	13.69	12	5	
Marshalltown	68	25	48	6	0.00	-0.47	29.68	2.29	16	8	
Newton	69	28	47	2	0.00	-0.49	32.65	5.96	10	-2	
Perry	70	25	46	3	0.00	-0.42	36.31	10.42	14	5	
Toledo	69	28	47	4	0.00	-0.49	31.82	4.25	12	4	
East Central District											
Cedar Rapids	69	27	48	4	0.00	-0.44	29.45	3.43	14	5	
Davenport	71	27	49	3	0.00	-0.56	31.89	6.13	17	4	
Iowa City	71	28	48	2	0.00	-0.56	30.16	1.53	15	-1	
Lowden	71	22	45	1	0.00	-0.56	32.51	3.55	9	-1	
Maquoketa	70	27	45	2	0.00	-0.49	31.31	4.78	7	-1	
Muscatine	71	33	50	3	0.00	-0.56	34.28	7.18	13	5	
South West District											
Atlantic	72	26	50	7	0.00	-0.42	39.43	14.12	21	13	
Clarinda	74	22	45	0	0.00	-0.49	38.37	8.86	13	3	
Glenwood	75	23	47	2	0.00	-0.42	41.06	14.40	17	3	
Red Oak	74	25	47	2	0.00	-0.42	46.83	18.06	17	5	
Sidney	75	31	49	3	0.00	-0.49	36.65	8.90	19	5	
South Central District											
Allerton	66	27	46	1	0.00	-0.56	43.68	15.08	6	0	
Beaconsfield	68	31	48	3	0.00	-0.54	36.84	9.36	9	-3	
Chariton	69	23	45	-1	0.00	-0.56	37.37	8.23	10	-2	
Indianola	71	27	47	2	0.00	-0.50	35.57	8.58	16	4	
Leon	70	24	46	0	0.00	-0.56	37.48	9.04	9	-3	
South East District											
Bloomfield	69	31	48	0	0.00	-0.56	38.54	9.68	10	-6	
Burlington	71	31	52	5	0.00	-0.56	27.53	0.71	21	7	
Ottumwa	71	28	49	3	0.00	-0.54	36.38	9.77	17	3	
Washington	71	26	47	-2	0.00	-0.49	39.25	13.21	10	1	

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 2007: AWIS, Inc. All Rights Reserved.

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