

# Iowa Crops & Weather



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Iowa Field Office

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For the week ending November 25, 2007

**This is the final weekly Crops and Weather report for the 2007 season.**  
**The monthly reports will begin in January 2008, covering December 2007.**  
**Thanks to everyone who reported this year and made this publication possible.**

## CORN HARVEST NEARLY COMPLETE

**Agricultural Summary:** The corn harvest is virtually complete across most of the State. Only the South-central district has significant acreage remaining in the field. Other fall field activities, such as applying fertilizer, spreading manure, field tillage, and repairing waterways and tile lines continued with few delays.

For the week, there were 5.5 days suitable for fieldwork, on average, across the State. For comparison, there were 6.2 days suitable for fieldwork during the same week last year. Topsoil moisture rated 1 percent very short, 16 percent short, 79 percent adequate, and 4 percent surplus across the State. Subsoil moisture rated 1 percent very short, 7 percent short, 83 percent adequate, and 9 percent surplus.

Grain movement from farm to elevator rated 3 percent heavy, 23 percent moderate, 35 percent light, and 39 percent no movement. Availability of off-farm grain storage rated 24 percent short, 74 percent adequate, and 2 percent surplus. On-farm grain storage availability rated 30 percent short, 68 percent adequate, and 2 percent surplus.

**Field Crops Report:** Ninety-nine percent of the corn has been harvested, 1 percentage point ahead of last year and the five-year average. Reporters rated fall fertilizer application at 64 percent complete for the State.

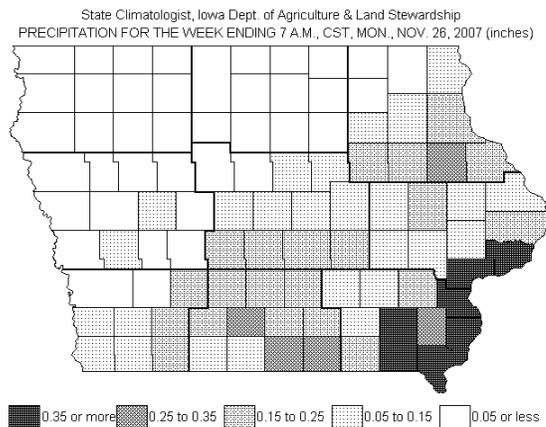
**Livestock and Pasture Report:** Use of stubble fields rated 39 percent none, 26 percent light, 28 percent moderate, and 7 percent heavy. Hay and roughage availability rated 13 percent short, 80 percent adequate, and

7 percent surplus with a rated quality of 7 percent poor, 33 percent fair, and 60 percent good.

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

The main weather story this past week was the occurrence of Iowa's first winter storm of the season. Snow fell across much of the southeastern one-half of the state on Wednesday (21<sup>st</sup>) with greatest accumulations of 2 to 5 inches falling from southwest, through central, and into northeast Iowa. Otherwise the work week began with very mild air on Monday (19<sup>th</sup>) with temperatures soaring to 76 degrees at Shenandoah and Glenwood. Much colder air moved over the state on Tuesday (20<sup>th</sup>) but the mild air lingered across southern Iowa where readings topped out at 67 degrees at Leon. Temperatures fell below normal with the passage of the storm on Wednesday (21<sup>st</sup>) with Thursday (22<sup>nd</sup>) and Friday (23<sup>rd</sup>) being the coldest days of the week with daytime highs in the 20's and 30's. Clarinda reported the lowest temperature of the week with a Friday morning low of 4 degrees. Warmer air gradually worked its way back into Iowa over the weekend with most of the state back above normal by Sunday (25<sup>th</sup>). Nearly all of the midweek snow was melted by Sunday afternoon. Weekly precipitation totals varied from only traces across most of the northwestern one-third of the state to 1.41 inches at Burlington. The statewide average precipitation was 0.12 inches or about one-fourth of the weekly normal of 0.47 inches. Temperatures for the week as a whole averaged 1.6 degrees above normal. Soil temperatures as of Sunday (25<sup>th</sup>) were averaging in the low to mid 30's.

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



### State Post-Harvest Conditions as of November 25, 2007

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	39	35	23	3
Grazing on stubble fields	39	26	28	7

### Statewide Hay/Roughage Quality as of November 25, 2007

Item	Poor	Fair	Good
	Percent	Percent	Percent
Hay/Roughage	7	33	60

### Statewide Hay/Roughage Availability as of November 25, 2007

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay/Roughage	13	80	7

### Statewide Grain Storage Availability as of November 25, 2007

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
On-farm, grain storage	30	68	2
Off-farm, grain storage	24	74	2

### Field Work and Crop Progress as of November 25, 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	70	85	59	58	65	77	56	39	59	64	54	52	55	

### Days Suitable & Soil Moisture Condition as of November 25, 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	6.8	6.6	5.3	6.2	5.2	4.9	4.4	4.4	4.3	5.5	6.8	6.2	
Topsoil moisture													
Very short	4	0	1	2	0	0	0	2	1	1	3	4	
Short	17	19	16	17	18	22	15	10	13	16	17	15	
Adequate	77	74	78	80	78	78	78	80	85	79	76	76	
Surplus	2	7	5	1	4	0	7	8	1	4	4	5	
Subsoil moisture													
Very short	8	0	1	1	0	0	0	1	1	1	1	9	
Short	10	3	11	7	6	2	4	5	14	7	7	24	
Adequate	64	91	82	89	76	95	88	84	83	83	80	63	
Surplus	18	6	6	3	18	3	8	10	2	9	12	4	

**Weather Summary For Iowa Agricultural Statistics Service**  
**For the week ending: Sunday, November 25, 2007, Prepared by AWIS, Inc.**

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			DFN	PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG		TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	53	10	32	3	0.02	-0.24	26.88	3.17	0	0
Sioux Center	55	10	34	3	0.00	-0.23	25.82	2.73	0	0
Spencer	56	11	32	3	0.01	-0.20	24.26	-0.26	0	0
Spirit Lake	49	13	30	2	0.00	-0.26	28.21	4.90	0	0
North Central District										
Britt	55	12	30	-2	0.03	-0.32	34.90	9.04	0	0
Humboldt	58	13	31	-2	0.05	-0.23	39.06	12.66	0	0
Mason City	55	13	32	2	0.05	-0.30	35.27	7.74	0	0
Osage	49	12	30	-2	0.09	-0.26	30.46	2.09	0	0
North East District										
Decorah	47	13	33	1	0.01	-0.34	40.74	13.64	0	0
Dubuque	53	18	34	2	0.21	-0.42	31.97	1.48	0	0
Elkader	53	13	32	-1	0.34	-0.11	41.51	14.25	0	0
Fayette	50	12	30	-3	0.12	-0.30	40.75	12.32	0	0
Waterloo	60	14	34	2	0.10	-0.32	37.30	9.33	1	1
West Central District										
Carroll	66	12	31	-1	0.12	-0.21	33.23	5.30	0	0
Castana	66	11	32	-3	0.11	-0.15	33.47	8.26	1	1
Guthrie Center	67	9	31	-3	0.04	-0.32	49.93	21.89	2	2
Harlan	69	9	31	-4	0.10	-0.25	38.58	10.81	3	3
Jefferson	68	14	32	-1	0.11	-0.22	33.57	5.64	1	1
Logan	71	10	32	-3	0.01	-0.27	37.66	11.51	3	3
Rockwell City	65	12	30	-4	0.02	-0.26	39.72	12.84	0	0
Sac City	63	14	32	0	0.00	-0.28	40.10	13.58	0	0
Sioux City	63	8	34	2	0.03	-0.18	33.51	11.80	0	0
Central District										
Boone	65	13	31	-3	0.20	-0.18	39.39	10.75	0	0
Des Moines	70	15	34	-2	0.20	-0.19	32.85	5.70	6	6
Grundy Center	64	13	32	0	0.60	0.23	40.65	13.07	0	0
Marshalltown	65	12	33	0	0.09	-0.28	29.77	1.17	3	3
Newton	69	16	33	-2	0.19	-0.23	32.84	4.79	2	2
Perry	68	12	31	-3	0.19	-0.11	36.50	9.59	1	1
Toledo	65	15	32	-2	0.13	-0.29	31.95	3.07	0	0
East Central District										
Cedar Rapids	64	12	34	0	0.12	-0.36	29.57	2.09	3	3
Davenport	62	23	39	3	0.47	-0.02	32.36	5.08	5	5
Iowa City	66	17	37	1	0.13	-0.36	30.29	0.16	5	5
Lowden	59	12	33	-2	0.12	-0.49	32.64	1.86	0	0
Maquoketa	55	16	33	-1	0.06	-0.50	31.37	3.16	0	0
Muscatine	66	24	39	3	0.48	-0.07	34.76	5.99	7	7
South West District										
Atlantic	71	6	32	-1	0.03	-0.26	39.48	13.18	3	3
Clarinda	74	4	32	-4	0.11	-0.31	38.48	7.60	5	5
Glenwood	76	10	33	-3	0.07	-0.28	41.15	13.40	7	7
Red Oak	74	8	33	-4	0.08	-0.31	46.91	16.91	6	6
Sidney	75	9	33	-3	0.08	-0.28	36.74	7.77	3	3
South Central District										
Allerton	72	12	36	0	0.25	-0.21	43.93	13.83	9	9
Beaconsfield	72	11	35	-1	0.15	-0.27	37.02	8.15	8	8
Chariton	71	11	35	0	0.18	-0.31	37.55	6.87	7	7
Indianola	72	10	33	-3	0.29	-0.13	35.86	7.55	6	6
Leon	75	11	36	1	0.21	-0.22	37.69	7.82	13	13
South East District										
Bloomfield	70	22	38	0	0.26	-0.23	38.80	8.36	9	9
Burlington	73	30	44	7	1.40	0.86	28.98	0.50	18	18
Ottumwa	73	20	38	1	0.20	-0.29	36.61	8.40	9	9
Washington	70	16	37	-2	0.36	-0.11	39.61	12.12	6	6

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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