



# Iowa Crops & Weather

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Issued December 22, 2009

Vol 09-42

For the week ending December 20, 2009

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

## COLD WEATHER KEEPS HARVEST ON HOLD

Iowa received another week of below freezing temperatures keeping ground snow cover depths high and combines out of fields. As a result very little progress was made on corn harvest and post-harvest field work. Producers are actually hoping for temperatures cold enough to keep snow from melting and clogging up combines running over deep snow. Cattle producers continue their annual struggle of keeping livestock fed and watered during the winter months.

There were 1.9 days suitable for fieldwork during the week, compared to 1.5 days last week. Topsoil moisture rated 0 percent very short, 1 percent short, 80 percent adequate, and 19 percent surplus across the state. Subsoil moisture rated 0 percent very short, 2 percent short, 79 percent adequate, and 19 percent surplus.

**Field Crops Report:** Corn harvested for grain reached 98 percent, 2 percentage points ahead of last week.

**Livestock, Pasture and Range Report:** Use of stubble fields was rated 51 percent none, 27 percent light, 18 percent moderate, and 4 percent heavy. Hay and roughage availability is currently rated 8 percent short, 82 percent adequate, and 10 percent surplus. The quality of hay and roughage is currently rated 8 percent poor, 47 percent fair, and 45 percent good.

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

The past reporting week began with one to two inches of snow falling from the Council Bluffs area northeastward through central Iowa to Wisconsin on Monday (14<sup>th</sup>). Dry weather then prevailed until Sunday (20<sup>th</sup>) when another one to two inches of snow fell across about the northeast one-half of Iowa. Very cold weather was the rule from Monday through Wednesday with daytime highs mostly in the single digits above zero on Tuesday (15<sup>th</sup>). Low temperatures dipped to -15 degrees at Little Sioux on Tuesday morning and -16 degrees at Elkader on Wednesday morning. Temperatures averaged slightly above normal from Thursday through Sunday. Burlington and Donnellson reported the week's highest temperatures with 48 degrees readings on Thursday. Temperatures for the week as a whole averaged from near normal over the far southeast to 5 or 6 degrees below normal over the northwest. The statewide average temperature was 4.2 degrees below normal. Snowfall totals for the week varied from only traces over portions of northwest, southwest and south central Iowa to 4.5 inches at Waterloo. Parts of far southeastern Iowa were snow-free until light snow fell there on Sunday. However, substantial snow cover remains from the earlier blizzard across southwest, central and northeast Iowa.

### State Post-Harvest Conditions as of December 20, 2009

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grazing on stubble fields	51	27	18	4

### Statewide Hay/Roughage Quality as of December 20, 2009

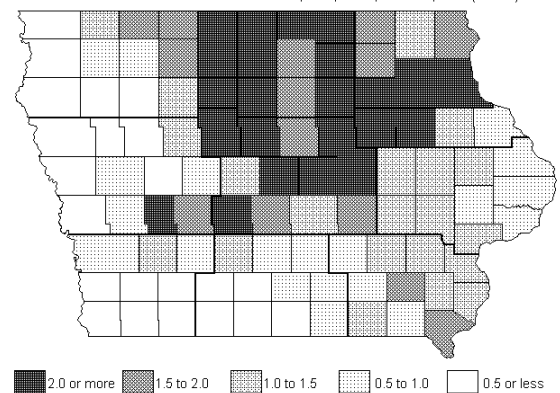
Item	Poor	Fair	Good
	Percent	Percent	Percent
Hay/Roughage	8	47	45

### Statewide Hay/Roughage Availability as of December 20, 2009

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay/Roughage	8	82	10

### IOWA SNOWFALL FOR THE WEEK

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
 SNOWFALL FOR THE WEEK ENDING 7 A.M., CST, MON., DEC. 21, 2009 (inches)



### Field Work and Crop Progress as of December 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 harvested (grain or seed)	99	99	95	97	99	98	96	91	98	98	96	NA	NA

### Days Suitable & Soil Moisture Condition as of December 20, 2009

Item	Districts									State	Last Week	Last Year	
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	Days	3.3	2.0	2.1	1.6	0.6	1.9	1.4	3.2	2.1	1.9	1.5	NA
	Percent												
Topsoil moisture	Very short	0	0	0	0	0	0	0	0	0	0	0	NA
	Short	2	3	3	0	1	0	1	0	0	1	1	NA
	Adequate	87	94	87	82	62	89	84	63	64	80	79	NA
	Surplus	11	3	10	18	37	11	15	37	36	19	20	NA
Subsoil moisture	Very short	0	0	0	0	0	0	0	0	0	0	0	NA
	Short	3	4	2	1	0	0	8	0	1	2	2	NA
	Adequate	87	92	88	89	57	85	79	65	61	79	79	NA
	Surplus	10	4	10	10	43	15	13	35	38	19	19	NA

**Weather Summary**  
**For National Agricultural Statistics Service, Iowa Field Office**  
**For the week ending: Sunday, December 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	23	-7	10	-7	0.00	-0.14	24.70	0.33	0	0
Sioux Center	28	-12	14	-7	0.00	-0.21	24.56	0.72	0	0
Spencer	27	-9	11	-7	0.00	-0.14	21.82	-3.34	0	0
Spirit Lake	26	-8	13	-4	0.00	-0.21	22.63	-1.43	0	-4
North Central District										
Britt	24	-9	10	-9	0.05	-0.23	33.27	6.24	0	0
Humboldt	27	-7	12	-8	0.06	-0.15	31.64	4.36	0	0
Mason City	25	-7	13	-5	0.00	-0.28	25.37	-3.23	0	0
Osage	27	-7	13	-7	0.00	-0.28	31.32	1.85	0	0
North East District										
Decorah	29	-10	15	-5	0.06	-0.22	30.79	2.58	0	0
Dubuque	34	-5	21	1	0.01	-0.41	36.07	3.76	0	0
Elkader	32	-16	14	-8	0.12	-0.18	33.27	4.73	0	0
Fayette	31	-10	15	-6	0.06	-0.25	37.98	8.29	0	0
Waterloo	31	-10	18	-3	0.01	-0.27	32.10	2.97	0	0
West Central District										
Carroll	28	-5	14	-7	0.04	-0.17	31.01	2.24	0	0
Castana	29	-4	14	-9	0.02	-0.19	29.26	3.30	0	0
Guthrie Center	29	-11	15	-7	0.10	-0.18	32.23	3.06	0	0
Harlan	31	-7	15	-9	0.04	-0.17	31.57	2.89	0	0
Jefferson	30	-6	14	-7	0.03	-0.18	30.29	1.52	0	0
Logan	32	-13	14	-9	0.06	-0.16	30.49	3.40	0	0
Rockwell City	27	-7	12	-10	0.02	-0.19	27.69	0.00	0	0
Sac City	26	-6	12	-8	0.00	-0.28	26.00	-1.52	0	0
Sioux City	29	-4	16	-5	0.02	-0.15	28.32	5.90	0	0
Central District										
Boone	30	-6	15	-6	0.10	-0.18	32.79	2.99	0	0
Des Moines	36	0	22	-2	0.02	-0.26	30.36	2.06	0	0
Grundy Center	31	-7	16	-4	0.07	-0.21	38.08	9.36	0	0
Marshalltown	32	-7	18	-4	0.01	-0.27	31.13	1.38	0	0
Newton	36	-5	18	-5	0.02	-0.22	33.57	4.46	0	0
Perry	35	-4	16	-6	0.26	0.05	31.52	3.68	0	0
Toledo	31	-7	17	-5	0.02	-0.26	34.58	4.56	0	0
East Central District										
Cedar Rapids	33	-5	20	-2	0.02	-0.33	42.02	13.13	0	0
Davenport	37	1	24	-1	0.00	-0.42	39.79	10.84	0	-4
Iowa City	36	1	24	-2	0.01	-0.34	34.79	3.27	0	-4
Lowden	37	-3	20	-3	0.04	-0.44	45.24	12.58	0	0
Maquoketa	35	-4	19	-4	0.00	-0.41	38.16	8.34	0	0
Muscatine	39	3	24	-3	0.08	-0.35	41.41	10.95	0	0
South West District										
Atlantic	35	-9	16	-6	0.05	-0.19	36.24	8.98	0	0
Clarinda	38	-7	17	-8	0.04	-0.23	29.40	-2.60	0	0
Glenwood	33	-2	17	-7	0.00	-0.28	28.61	-0.18	0	-4
Red Oak	35	-4	19	-7	0.01	-0.27	28.13	-2.99	0	-5
Sidney	33	-2	18	-7	0.00	-0.27	23.70	-6.35	0	-5
South Central District										
Allerton	39	1	22	-3	0.00	-0.28	42.98	11.68	0	0
Beaconsfield	39	-1	20	-5	0.00	-0.22	39.56	9.65	0	0
Chariton	39	-2	22	-2	0.00	-0.28	39.06	7.12	0	0
Indianola	39	-3	19	-5	0.00	-0.29	34.70	5.19	0	0
Leon	41	-2	22	-3	0.02	-0.26	34.90	3.81	0	-3
South East District										
Bloomfield	42	3	24	-3	0.01	-0.34	44.30	12.44	0	0
Burlington	48	9	29	4	0.03	-0.41	42.63	12.45	0	0
Ottumwa	40	2	24	-2	0.04	-0.25	43.66	14.14	0	0
Washington	44	1	23	-3	0.03	-0.33	43.01	14.08	0	0

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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 AGRICULTURAL STATISTICS SERVICE, IOWA FIELD OFFICE, 210 WALNUT  
 ST. RM 833, DES MOINES IA 50309. POSTMASTER, SEND ADDRESS CHANGES  
 TO IA CROPS & WEATHER, C/O SD AGRICULTURAL STATISTICS, PO BOX  
 5068 8968 SI0X FALLS SD 57117