

# Iowa Crops & Weather



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For the week ending November 2, 2003

## 2003 Harvest Coming to a Close

**Agricultural Summary:** The weather has cooperated thus far with the 2003 harvest, and many farmers have completed combining. Reports of anhydrous ammonia application across northern Iowa were cited. Other field activities included application of dry fertilizer and lime, fall tillage, and baling of corn stalks. This year's baling of stalks has increased compared to previous years.

There were 6.1 **days suitable for fieldwork**, compared to 6.7 days last week, and 3.9 days last year at this time. **Topsoil moisture** rated 38 percent very short, 35 percent short, 24 percent adequate, and 3 percent surplus across Iowa. **Subsoil moisture** rated 50 percent very short, 39 percent short, 11 percent adequate, and 0 percent surplus.

**Field Crops Report:** The **corn acreage harvested for grain or seed** was 91 percent, ahead of last year's progress of 74 percent and five days ahead of the 5-year average of 85 percent harvested. The **percent moisture of field corn** was 16 percent, while the **percent moisture of harvested corn** was 15 percent. **Corn lodging** rated 52 percent none, 31 percent light, 12 percent moderate, and 5 percent heavy. **Corn ear droppage** rated 58 percent none, 29 percent light, 11 percent moderate, and 2 percent heavy.

**Fall fertilizer application** for the 2004 crop season was 29 percent completed statewide. **Grain movement** from farm to elevator was rated 23 percent none, 35 percent light, 31 percent moderate, and 11 percent heavy. **Off-farm grain storage availability** rated 12 percent short, 79 percent adequate, and 9 percent surplus. **On-farm grain storage availability** rated 20 percent short, 74 percent adequate, and 6 percent surplus. **Hay and roughage availability** rated 16 percent short, 74 percent adequate, and 10 percent surplus. **Utilization of stubble fields for grazing** rated 26 percent none, 29 percent limited, 32 percent

moderate, and 13 percent extensive.

**Livestock, Pasture, and Range Report:** While some cattle fed on stalks, other cows and calves moved to market. No livestock problems were noted. **Pasture and range** condition rated 32 percent very poor, 31 percent poor, 26 percent fair, 10 percent good, and 1 percent excellent.

## Iowa Weather Summary

The past work week began cool with light rain recorded statewide on Monday (27th). Light rain, sometimes mixed with snow, persisted in northeast Iowa on Tuesday (28th) and Wednesday (29th). Afternoon high temperatures were mainly in the 40's on Tuesday and ranged from the upper 30's north to low 70's southwest on Wednesday. Thursday (30th) and Friday (31st) were dry. Afternoon highs ranged from the mid 40's northwest to low 70's southeast on Thursday and were primarily in the 40's on Friday. Rain and thunderstorms covered the southeast three-fourths of Iowa on Saturday (1st) and Sunday (2nd) and finally spread into the northwest one-quarter of the state early on Monday (3rd) morning. Snow fell in far northwest Iowa on Monday (3rd) morning with an inch or two accumulation. Daytime temperatures over the weekend were mainly in the 40's. Temperature extremes for the week ranged from lows of 19 degrees at Fayette, Hampton, Mason City and Swea City at daybreak on Monday (27th) to afternoon highs of 73 degrees at Fairfield, Iowa City and Lowden on Thursday (30th). Temperatures for the week as a whole averaged from 1.3 degrees above normal at Davenport down to 5.4 degrees subnormal at Estherville and Mason City. Weekly precipitation totals varied from 0.17 inches at Northwood to 4.63 inches at Mount Ayr. The statewide average precipitation was 1.29 inches or nearly three times the weekly normal of 0.47 inches.

### Statewide Crop Conditions as of November 2, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	32	31	26	10	1

### Statewide Harvesting Conditions as of November 2, 2003

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	52	31	12	5
Corn ear droppage	58	29	11	2

### Statewide Post-Harvest Conditions as of November 2, 2003

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	23	35	31	11
Grazing on stubble fields	26	29	32	13

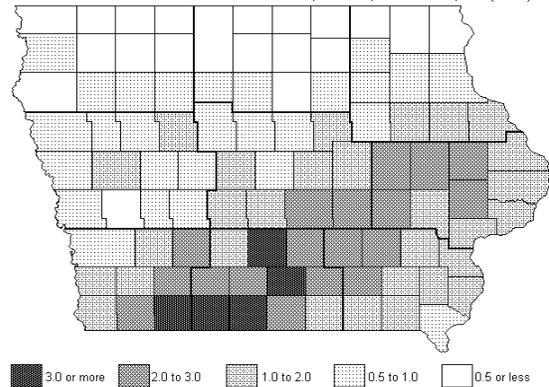
### Statewide Grain Storage Availability as of November 2, 2003

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
On-farm, grain storage	20	74	6
Off-farm, grain storage	12	79	9

### Statewide Hay Supplies as of November 2, 2003

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay stocks	16	74	10

PRECIPITATION FOR THE WEEK ENDING 7 A.M. CST, MONDAY, NOVEMBER 3, 2003 (inches)



### Field Work and Crop Progress as of November 2, 2003

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)	93	95	87	92	94	88	89	88	90	91	78	74	85	

### Days Suitable & Soil Moisture Condition as of November 2, 2003

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	6.2	5.9	5.9	6.6	6.3	5.6	6.3	5.8	6.5	6.1	6.7	3.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	51	45	37	45	29	25	48	42	21	38	39	3	
Short	34	43	37	29	42	42	24	21	43	35	44	9	
Adequate	15	12	24	26	27	24	28	29	29	24	17	78	
Surplus	0	0	2	0	2	9	0	8	7	3	0	10	
Subsoil moisture													
Very short	47	60	54	50	34	43	76	58	34	50	51	13	
Short	37	38	38	26	53	44	22	32	59	39	40	24	
Adequate	16	2	7	24	12	13	2	10	7	11	9	58	
Surplus	0	0	1	0	1	0	0	0	0	0	0	5	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, November 2, 2003**

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	20	36	-7	0.04	-0.31	19.48	-3.28	0	-7
Sioux Center	48	20	37	-8	0.17	-0.18	23.78	1.57	0	-9
Spencer	49	18	37	-6	0.11	-0.24	17.25	-6.40	0	-7
Spirit Lake	47	21	34	-8	0.10	-0.21	15.88	-6.53	0	-16
North Central District										
Britt	46	19	33	-13	0.11	-0.26	21.27	-3.42	0	-12
Humboldt	48	25	36	-9	0.08	-0.29	24.93	-0.41	0	-7
Mason City	50	15	36	-7	0.13	-0.29	21.12	-5.18	0	-7
Northwood	48	17	35	-8	0.11	-0.31	20.54	-5.16	0	-8
North East District										
Decorah	57	18	40	-5	0.22	-0.20	16.70	-9.09	0	-10
Dubuque	69	26	43	-3	0.55	-0.02	20.28	-8.11	8	-1
Elkader	69	21	41	-5	0.58	0.09	25.12	-0.57	5	-11
Independence	69	20	38	-7	0.63	0.15	26.03	-1.29	4	-10
Waterloo	69	20	41	-4	0.30	-0.19	20.89	-5.65	6	-2
West Central District										
Audubon	60	26	40	-7	0.20	-0.26	17.70	-8.46	0	-12
Carroll	53	29	39	-6	0.24	-0.18	22.56	-4.18	0	-8
Castana	64	26	39	-8	0.04	-0.35	19.94	-4.29	0	-11
Guthrie Center	60	30	41	-5	0.38	-0.11	21.79	-4.93	0	-9
Harlan	64	26	40	-7	0.32	-0.10	19.34	-7.21	0	-11
Jefferson	57	28	40	-5	0.53	0.11	27.40	0.66	0	-8
Logan	69	26	41	-6	0.04	-0.38	21.67	-3.43	3	-8
Rockwell City	51	24	38	-8	0.27	-0.13	24.94	-0.92	0	-10
Sioux City	64	29	41	-5	0.04	-0.31	22.77	1.89	1	-9
Central District										
Ames	65	28	42	-4	0.39	-0.10	22.22	-5.51	3	-7
Boone	63	28	40	-6	0.64	0.15	27.94	0.67	1	-10
Des Moines	68	31	44	-4	0.53	0.04	22.34	-3.41	5	-12
Eldora	67	24	38	-8	0.20	-0.30	25.25	-1.72	1	-10
Marshalltown	68	24	40	-5	0.03	-0.46	22.12	-5.15	4	-6
Newton	71	27	40	-7	0.50	0.01	26.77	0.22	4	-11
Perry	58	30	40	-5	0.60	0.17	25.79	0.02	0	-11
Toledo	70	23	38	-7	0.59	0.10	21.59	-5.84	5	-5
East Central District										
Cedar Rapids	71	27	43	-4	0.56	0.13	23.48	-2.41	7	-4
Davenport	72	27	44	-4	0.17	-0.39	20.69	-4.91	9	-7
Iowa City	73	24	45	-5	0.45	-0.11	19.26	-9.21	9	-9
Lowden	73	23	41	-5	1.01	0.45	19.46	-9.34	8	-4
Maquoketa	71	24	41	-5	0.40	-0.09	18.38	-8.01	6	-4
Muscatine	71	30	42	-7	0.19	-0.37	24.55	-2.39	7	-3
South West District										
Clarinda	68	29	43	-4	0.73	0.24	22.52	-6.85	6	-6
Glenwood	72	25	43	-5	0.82	0.40	20.63	-5.91	6	-11
Oakland	68	28	41	-4	0.28	-0.15	19.90	-6.42	3	-7
Red Oak	69	30	44	-5	0.79	0.37	18.81	-9.84	4	-12
Sidney	70	31	43	-6	0.69	0.20	16.96	-10.65	5	-12
South Central District										
Allerton	69	28	42	-6	0.33	-0.23	24.84	-3.60	5	-2
Beaconsfield	69	30	43	-4	1.18	0.62	20.74	-6.60	4	-11
Chariton	70	31	43	-5	1.08	0.52	24.09	-4.89	6	-10
Indianola	71	30	43	-5	1.22	0.70	27.57	0.72	6	-9
Leon	71	30	44	-3	0.52	-0.04	25.91	-2.37	6	-10
South East District										
Bloomfield	69	30	43	-7	0.27	-0.29	26.98	-1.72	3	-15
Burlington	72	32	47	-2	0.62	0.06	24.18	-2.48	11	-6
Ottumwa	72	29	44	-5	0.21	-0.31	18.84	-7.61	7	-10

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 2003: AWIS, Inc. All Rights Reserved.