

# Iowa Crops & Weather

USDA – National Agricultural Statistical Service  
Iowa Field Office



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For the week ending September 25, 2005

## Harvest Continues

Many areas of the state reported high temperatures last week into the nineties, which was 10 degrees or more above normal for many locations. Northern counties received excessive rainfall last week with a few areas reporting over 4 inches of rainfall. Corn continued to dry down due to the heat. Farmers continued to deliver last year's corn crop to elevators. Soybean, corn for grain, seed corn and alfalfa hay harvest was in full swing this past week. Some fall tillage and tile repairs were reported as well.

There were 5.5 days suitable for fieldwork, down from the previous week's 6.0 days. Topsoil moisture rated 24 percent very short, 23 percent short, 45 percent adequate, and 8 percent surplus across Iowa. Subsoil moisture improved slightly with 28 percent rated very short, 25 percent short, 43 percent adequate, and 4 percent surplus.

Field Crops Report: **Corn condition** improved slightly from the previous week with 3 percent rated very poor, 7 percent poor, 20 percent fair, 49 percent good, and 21 percent excellent. **Corn denting** reached 99 percent, remaining ahead of last year and the 5-year average. **Corn mature** reached 81 percent, which is ahead of the 5-year average at 78 percent. **Corn harvested** reached 7 percent complete which is slightly ahead of last year, but 2 percentage points below the normal 9 percent complete. The **percent moisture of field corn** was 26 percent, down from last week's rating of 30 percent. **Harvest corn percent moisture** was at 22 percent, which is 3 percentage points lower than the previous week and 5 percentage points below last year. **Corn lodging** rated 67 percent none, 24 percent light, 7 percent moderate and 2 percent heavy. **Corn ear droppage** rated 74 percent none, 23 percent light and 3 percent moderate. **Soybean leaves turning color** reached 98 percent, which is 1 percentage point ahead of last year and 3 percentage points ahead of normal. **Soybeans dropping leaves**, at 90 percent complete, is ahead of the normal pace of 76 percent. **Soybeans harvested** reached 27 percent complete, which is ahead of last year and normal. **Soybeans lodging** rated 73 percent none, 23 percent light and 4 percent moderate. **Soybeans shattering** was rated

at 75 percent none, 22 percent light and 3 percent moderate. **Soybean condition** was rated 2 percent very poor, 6 percent poor, 18 percent fair, 51 percent good, and 23 percent excellent.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 19 percent very poor, 28 percent poor, 31 percent fair, 21 percent good, and 1 percent excellent. Livestock were generally reported to be in good condition, with some reports of animals pasturing on already harvested fields.

## Iowa Weather Summary

Mostly dry and unseasonably warm weather prevailed across Iowa from Monday (19th) through Thursday (22nd). The warmest day was Wednesday (21st) when afternoon highs varied from 85 degrees at Fairfield to 101 degrees at Glenwood. Glenwood's temperature was the highest recorded for so late in the year in Iowa since September 28, 1953 when the same location reached 103 degrees. A cold front slowly moved through the state on Thursday (22nd) and Friday (23rd) but only a small area in northwest Iowa saw temperatures slip below normal. Sioux City recorded the week's lowest temperature with a 39 degree minimum on Friday (23rd) morning. However, warmer air soon returned to southern Iowa where highs were back in the 80's over the weekend while rain held afternoon readings in the 60's across the north. Temperatures for the week as a whole averaged 7.7 degrees above normal.

Only a few areas received precipitation during the work week with scattered showers across the far southern edge of Iowa on Monday (19th) and across the northern one-third of the state on Thursday (22nd) morning. However, showers and thunderstorms were widespread over the weekend, especially across northern Iowa where heavy rain fell. Weekly rain totals varied from none at Glenwood and Sidney to 4.70 inches at Ringsted in Emmet County. The statewide average precipitation was 1.45 inches or nearly double the weekly normal of 0.74 inches. This was Iowa's wettest week in six weeks.

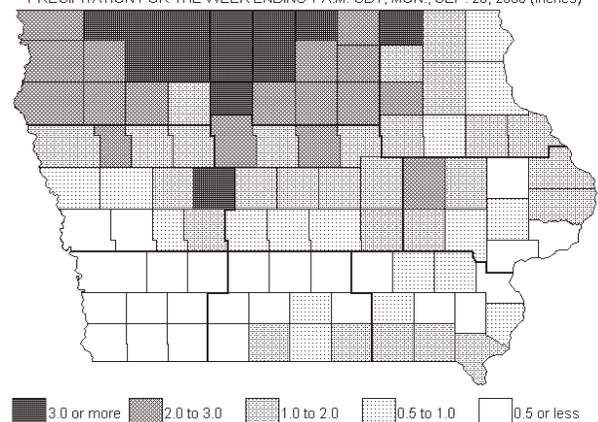
## Statewide Crop Conditions as of September 25, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	7	20	49	21
Range & Pasture	19	28	31	21	1
Soybeans	2	6	18	51	23

## Statewide Harvesting Conditions as of September 25, 2005

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	67	24	7	2
Corn ear droppage	74	23	3	0
Soybeans lodging	73	23	4	0
Soybeans shattering	75	22	3	0

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MON., SEP. 26, 2005 (inches)



## Field Work and Crop Progress as of September 25, 2005

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)	80	71	87	78	92	79	84	75	87	81	59	56	78	
Corn harvested (grain or seed)	6	2	9	10	6	7	12	6	8	7	3	5	9	
Soybeans dropping leaves	92	93	95	94	95	92	76	77	85	90	70	81	76	
Soybeans harvested	30	24	25	32	43	20	18	10	14	27	7	14	13	

## Days Suitable & Soil Moisture Condition as of September 25, 2005

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	4.8	4.5	4.9	5.9	5.8	5.8	6.2	6.6	6.0	5.5	6.0	5.2	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	1	0	4	41	14	37	36	49	48	24	23	7	
Short	9	2	19	28	19	38	41	30	26	23	28	23	
Adequate	83	72	50	30	64	25	23	20	26	45	47	60	
Surplus	7	26	27	1	3	0	0	1	0	8	2	10	
Subsoil moisture													
Very short	1	0	18	35	17	47	33	58	57	28	27	7	
Short	11	2	16	33	21	45	40	32	36	25	30	21	
Adequate	83	84	53	32	61	8	27	10	7	43	41	64	
Surplus	5	14	13	0	1	0	0	0	0	4	2	8	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, September 25, 2005**

STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE			PRECIPITATION		PRECIPITATION		GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
<b>North West District</b>										
Estherville	92	40	67	11	3.10	2.36	20.02	-0.17	121	67
Sioux Center	92	45	70	11	2.52	1.85	19.45	-0.24	141	69
Spencer	94	43	69	11	2.89	2.17	21.48	0.44	134	73
Spirit Lake	91	49	66	9	4.08	3.37	25.23	5.22	111	20
<b>North Central District</b>										
Britt	89	43	65	5	5.48	4.67	30.83	8.88	106	31
Humboldt	89	48	66	6	2.93	2.14	28.28	5.74	112	45
Mason City	89	43	67	9	5.54	4.69	33.20	9.96	124	64
Northwood	90	45	65	7	3.21	2.35	32.58	9.87	104	45
<b>North East District</b>										
Decorah	89	43	67	7	3.14	2.28	24.18	1.32	121	49
Dubuque	88	50	70	11	0.74	-0.28	15.65	-9.19	139	72
Elkader	89	49	67	8	2.43	1.64	21.40	-1.18	117	24
Independence	89	50	67	9	1.63	0.80	27.14	2.99	122	36
Waterloo	92	48	70	11	1.28	0.47	23.23	-0.06	140	71
<b>West Central District</b>										
Audubon	93	46	67	5	0.50	-0.41	20.24	-2.58	119	34
Carroll	95	46	68	9	0.46	-0.34	18.07	-5.63	130	59
Castana	92	47	69	8	0.01	-0.80	19.20	-2.01	132	60
Guthrie Center	93	48	69	9	0.90	0.06	26.88	3.43	135	57
Harlan	96	49	70	9	0.87	-0.22	17.47	-5.69	138	66
Jefferson	93	48	69	9	1.58	0.78	18.60	-5.10	132	61
Logan	98	46	69	7	0.29	-0.55	19.58	-2.38	131	47
Rockwell City	92	47	67	7	0.98	0.13	24.23	1.40	123	42
Sioux City	97	39	72	11	0.67	0.02	16.70	-1.71	156	79
<b>Central District</b>										
Ames	90	49	70	11	0.33	-0.43	23.31	-1.21	142	72
Boone	90	50	69	8	0.56	-0.25	22.74	-1.20	131	53
Des Moines	93	55	73	11	0.03	-0.74	20.06	-2.41	165	74
Eldora	93	51	69	9	0.66	-0.08	22.31	-1.40	133	60
Marshalltown	91	48	71	12	0.17	-0.63	19.45	-4.64	148	79
Newton	91	53	69	8	0.88	-0.03	23.46	0.36	136	54
Perry	92	51	69	10	0.84	0.09	23.87	1.15	135	63
Toledo	90	50	68	9	0.88	0.08	18.53	-5.78	128	58
<b>East Central District</b>										
Cedar Rapids	90	48	71	11	1.37	0.50	18.80	-4.12	151	72
Davenport	89	52	72	10	0.04	-0.69	9.57	-12.71	157	66
Iowa City	92	51	73	10	0.10	-0.77	11.40	-13.51	165	67
Lowden	91	47	70	10	0.65	-0.29	14.99	-10.33	139	60
Maquoketa	90	51	68	10	0.44	-0.47	11.02	-12.19	131	62
Muscatine	90	53	71	8	0.76	-0.12	14.99	-8.41	149	80
<b>South West District</b>										
Clarinda	93	48	70	9	0.00	-1.00	24.88	-0.92	142	58
Glenwood	101	50	72	10	0.00	-0.87	19.83	-3.53	158	65
Oakland	95	50	70	10	0.78	-0.14	20.89	-2.06	143	66
Red Oak	96	51	71	8	0.00	-0.99	17.44	-8.04	148	54
Sidney	97	51	71	9	0.00	-0.91	19.43	-4.64	151	58
<b>South Central District</b>										
Allerton	88	53	70	8	0.46	-0.59	21.23	-3.23	139	87
Beaconsfield	87	54	70	9	0.22	-0.77	24.64	1.01	138	56
Chariton	90	47	70	9	0.01	-1.15	19.18	-5.92	140	57
Indianola	93	52	71	10	0.03	-0.84	20.40	-2.89	150	68
Leon	89	50	70	8	0.18	-0.77	17.22	-7.26	139	55
<b>South East District</b>										
Bloomfield	87	55	70	7	0.40	-0.63	19.09	-5.72	141	45
Burlington	89	56	73	10	0.93	-0.03	13.62	-9.32	166	71
Ottumwa	88	51	72	9	0.02	-0.95	16.20	-6.80	153	60

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 2005: AWIS, Inc. All Rights Reserved.