

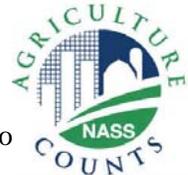
# Iowa Crops & Weather

USDA – National Agricultural Statistical Service  
Iowa Field Office



210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov

To access NASS reports - <http://www.usda.gov/nass/>



Issued September 6, 2005

Vol. 05-27

For the week ending September 4, 2005

## Rapid Crop Development

Another week with limited rainfall and higher than normal temperatures prevailed throughout most of Iowa this past week. Precipitation levels were below normal across the state last week. However, dry conditions gave way to other concerns, as one reporter commented, "High fuel prices, low grain prices and hurricane Katrina have been the main topics of discussion." Farmers were able to make good progress as nearly every day was suitable for fieldwork. Seed corn harvest is underway and some reports of chopping silage and harvesting high moisture corn were received. Soybeans continue to mature rapidly with nearly half the state's crop in the leaves turning color stage. Third harvest of alfalfa hay made good progress last week as ninety percent of the crop has been harvested.

There were 6.6 **days suitable for fieldwork**, up from the previous week's 5.7 days and the previous year's 5.8 days. **Topsoil moisture** rating declined once again from a week ago with about half of the state rated in the very short to short range. Topsoil moisture rated 17 percent very short, 34 percent short, 47 percent adequate, and 2 percent surplus across Iowa. **Subsoil moisture** declined as well with 21 percent rated very short, 32 percent short, 45 percent adequate, and 2 percent surplus.

Field Crops Report: **Corn condition** changed little from the previous week with 3 percent rated very poor, 8 percent poor, 21 percent fair, 46 percent good, and 22 percent excellent. **Corn in the dough stage** reached 97 percent, up 6 percentage points from a week ago and 4 percentage points ahead of normal. **Corn dented** reached 82 percent, which is ahead of last year and the 5-year average. **Corn mature** reached 15 percent, which is ahead of last year at 8 percent, but slightly behind normal at 20 percent. **Soybean leaves turning color** reached 47 percent, which is 12 percentage points ahead of last year and normal. **Soybeans dropping leaves**, at 12 percent complete, is ahead of a normal pace at 8 percent. **Soybean condition** was rated nearly the same as a week ago at 2 percent very poor, 6 percent poor, 21 percent fair, 50 percent good,

and 21 percent excellent. The **third cutting of alfalfa hay** reached 90 percent, which is 12 percentage points ahead of last year and 10 percentage points ahead of the 5-year average. **Hay condition** was 10 percent very poor, 13 percent poor, 31 percent fair, 38 percent good, and 8 percent excellent, which is nearly the same rating as a week ago.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 16 percent very poor, 24 percent poor, 32 percent fair, 25 percent good, and 3 percent excellent. Livestock were generally reported to be in good condition, but some reports of pink eye and foot rot in range cattle were received.

## Iowa Weather Summary

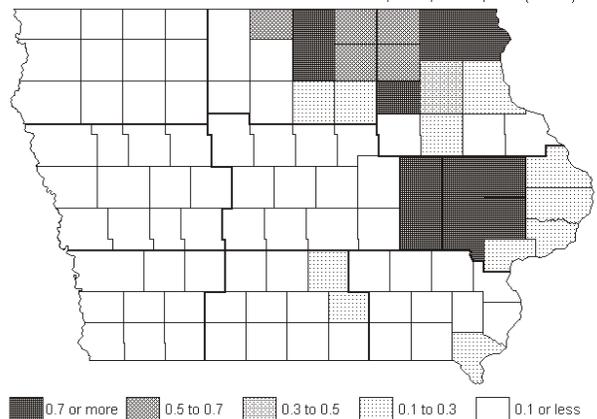
It was a warm and dry week across Iowa. Daytime high temperatures were mostly in the 80's during the work week except on Wednesday (31st) when a few areas saw highs only in the 70's. The warmest weather came over the weekend with 80's east and 90's west on Saturday (3rd) and Sunday (4th). Much drier air allowed for wider swings in daily temperatures. Lowest temperatures were reported from Atlantic on Thursday (1st) morning and Elkader on Saturday (3rd) morning with 42 degrees while Sioux City reached 95 degrees on Saturday (3rd) and Sunday (4th) afternoons. Temperatures for the week as a whole averaged 2.3 degrees above normal.

A few isolated thunderstorms developed over south central Iowa on Wednesday (31st) with high winds and hail reported in Marion County. Showers and thunderstorms dampened much of the northeast one-third of the state on Sunday (4th) with a few isolated storms in central and southern Iowa. Most of western and southern Iowa received no rain during the week. The greatest reported rain totals were 2.19 inches near Walford (Benton Co.) and 1.44 inches near Lansing (Allamakee Co.). The statewide average precipitation was 0.16 inches while normal for the week is 0.89 inches. This was Iowa's driest week in six months.

Statewide Crop Conditions as of September 4, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	8	21	46	22
Hay, all	10	13	31	38	8
Range & Pasture	16	24	32	25	3
Soybeans	2	6	21	50	21

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MON., SEP. 5, 2005 (inches)



Field Work and Crop Progress as of September 4, 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 in or past dent stage	83	79	88	79	87	69	87	73	84	82	58	59	73	
Corn mature (safe from frost)	9	4	17	12	23	14	16	16	34	15	5	8	20	
Soybean leaves turning color	41	41	42	51	57	61	42	28	49	47	12	35	35	
Soybeans dropping leaves	13	13	10	13	16	14	8	4	10	12	2	7	8	
Hay, alfalfa - third crop harvested	96	92	87	96	98	90	98	78	95	90	83	78	80	

Days Suitable & Soil Moisture Condition as of September 4, 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	6.6	6.5	6.3	6.9	6.7	6.2	6.8	6.6	6.9	6.6	5.7	5.8	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	9	2	9	20	7	15	17	42	45	17	14	5	
Short	30	7	28	51	33	48	35	33	42	34	27	14	
Adequate	59	82	62	29	59	37	48	25	13	47	56	72	
Surplus	2	9	1	0	1	0	0	0	0	2	3	9	
Subsoil moisture													
Very short	8	3	17	16	8	32	16	50	62	21	19	4	
Short	29	16	29	37	24	55	32	37	30	32	26	16	
Adequate	62	74	51	47	66	13	52	13	8	45	52	74	
Surplus	1	7	3	0	2	0	0	0	0	2	3	6	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, September 4, 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
North West District										
Estherville	85	48	67	3	0.00	-0.84	13.97	-3.84	125	24
Sioux Center	91	45	71	5	0.00	-0.77	15.70	-1.88	148	29
Spencer	92	46	70	5	0.00	-0.84	16.87	-1.84	140	30
Spirit Lake	89	53	69	5	0.00	-0.84	18.16	0.44	135	-1
North Central District										
Britt	83	51	67	0	0.00	-0.84	23.92	4.51	120	1
Humboldt	84	53	67	1	0.00	-0.91	24.21	4.18	123	6
Mason City	84	48	67	2	0.79	-0.19	25.50	4.97	118	11
Northwood	82	49	66	2	0.92	-0.07	27.12	7.19	116	10
North East District										
Decorah	83	44	66	-2	0.66	-0.32	20.00	-0.09	113	-6
Dubuque	82	49	67	2	0.17	-1.00	14.73	-6.77	123	11
Elkader	82	42	64	-3	0.30	-0.61	18.13	-1.90	97	-40
Independence	85	49	67	2	0.23	-0.75	23.82	2.37	121	-14
Waterloo	87	47	67	1	0.02	-0.81	20.96	0.16	122	8
West Central District										
Audubon	88	44	67	-3	0.00	-0.91	19.74	-0.24	118	-14
Carroll	90	49	70	3	0.00	-0.85	17.13	-4.06	139	20
Castana	91	53	72	4	0.00	-0.84	18.69	0.00	155	37
Guthrie Center	88	45	68	0	0.00	-0.98	25.58	4.82	127	2
Harlan	90	49	70	2	0.00	-1.02	16.19	-3.61	141	24
Jefferson	90	51	71	4	0.00	-0.85	15.72	-5.47	147	28
Logan	91	45	69	1	0.02	-0.83	18.88	-0.43	136	5
Rockwell City	88	54	69	2	0.00	-0.91	21.98	1.82	135	9
Sioux City	95	48	73	6	0.00	-0.70	15.75	-0.61	164	36
Central District										
Ames	86	48	69	3	0.00	-0.91	21.41	-0.70	132	18
Boone	88	49	70	3	0.00	-0.91	20.12	-1.26	140	18
Des Moines	90	54	74	5	0.00	-0.91	19.07	-0.91	169	31
Eldora	86	51	69	3	0.01	-0.85	20.54	-0.83	134	17
Marshalltown	86	48	68	2	0.00	-1.01	17.69	-3.79	128	15
Newton	89	56	71	4	0.00	-0.96	22.03	1.80	150	22
Perry	89	49	70	3	0.00	-0.86	20.58	0.24	138	21
Toledo	88	50	68	2	0.00	-0.98	17.00	-4.72	131	16
East Central District										
Cedar Rapids	87	51	69	2	0.00	-0.98	15.95	-4.18	138	15
Davenport	86	49	70	0	0.00	-0.90	8.44	-11.49	137	1
Iowa City	91	52	72	3	0.00	-0.98	10.24	-11.91	158	15
Lowden	87	49	69	2	0.03	-1.02	14.12	-8.18	133	9
Maquoketa	84	46	67	0	0.00	-1.05	10.14	-10.11	116	2
Muscatine	88	52	72	3	0.05	-0.86	13.38	-7.32	159	46
South West District										
Clarinda	87	46	69	1	0.00	-1.05	24.88	2.23	134	4
Glenwood	91	46	71	2	0.16	-0.76	19.79	-0.82	146	9
Oakland	90	50	69	3	0.07	-0.89	19.58	-0.49	138	18
Red Oak	90	49	71	1	0.00	-1.05	17.30	-5.03	147	5
Sidney	91	57	73	4	0.03	-0.95	18.98	-2.24	163	24
South Central District										
Allerton	88	55	71	3	0.20	-0.85	19.99	-1.18	151	53
Beaconsfield	84	56	70	2	0.00	-0.99	23.52	2.98	144	16
Chariton	88	48	69	2	0.00	-1.09	18.95	-2.58	136	8
Indianola	89	50	71	4	0.00	-0.91	20.00	-0.60	151	25
Leon	88	50	69	1	0.00	-1.05	16.68	-4.80	137	6
South East District										
Bloomfield	90	57	72	3	0.00	-1.10	17.68	-3.87	157	17
Burlington	89	59	73	5	0.00	-0.95	11.36	-8.66	165	28
Ottumwa	88	51	71	1	0.00	-0.97	15.27	-4.67	147	7

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.