

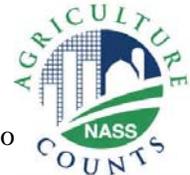
# Iowa Crops & Weather

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## High Temperatures and Limited Precipitation

Another week of above average temperatures and below normal rainfall was common throughout much of Iowa this past week. However, several Northeastern areas of the state received in excess of two inches of rainfall. Crop conditions for corn, soybeans and hay were virtually unchanged from last week. Spraying soybean fields for aphids was winding down this past week. Farmers made good progress harvesting hay as an estimated 71 percent of the third cutting is now complete, up 19 percentage points from the previous week's total.

There were 5.7 **days suitable for fieldwork**, compared to 4.3 days the previous week and 5.8 days last year at this time. **Topsoil moisture** rating declined from a week ago with 13 percent rated very short, 25 percent short, 59 percent adequate, and 3 percent surplus across Iowa. **Subsoil moisture** rated 21 percent very short, 25 percent short, 51 percent adequate, and 3 percent surplus.

Field Crops Report: **Corn condition** declined slightly with 3 percent rated very poor, 8 percent poor, 21 percent fair, 46 percent good, and 22 percent excellent. **Corn in the milk stage** was at 95 percent, up 5 percentage points from the previous week and 2 percentage points ahead of normal of 93 percent. **Corn in the dough stage** reached 76 percent, up 13 percentage points from a week ago and 10 percentage points ahead of normal. **Corn denting** reached 33 percent, which is ahead of last year and the 5-year average. **Corn mature** reached 2 percent, which was also ahead of last year and normal. **Soybeans setting pods** was at 97 percent, equal to last year and 1 percentage point above the average of 96 percent. **Soybean condition** was rated nearly the same as a week ago at 2 percent very poor, 6 percent poor, 22 percent fair, 50 percent good, and 20 percent excellent, which was nearly the same rating as a week ago. The **third cutting of alfalfa hay** reached 71 percent, which is 11 percentage points ahead of last year and 17 percentage points ahead of the 5-year average. **Hay condition** was 9 percent very

poor, 17 percent poor, 30 percent fair, 39 percent good, and 5 percent excellent, improved slightly from a week ago.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 11 percent very poor, 25 percent poor, 36 percent fair, 25 percent good, and 3 percent excellent. Some supplemental feeding of livestock was reported due to poor pasture condition. Otherwise, livestock were generally reported to be in good condition.

## Iowa Weather Summary

The past work week began with dry and slightly cooler than normal weather. Afternoon highs were in the upper 70's north to lower 80's south on Monday (15th) and mostly in the 80's on Tuesday (16th). Highs on Wednesday (17th) were in the upper 70's north to 80's south while thunderstorms were widespread across about the northeast one-half of the state on Wednesday and into Thursday (18th) morning. Heavy rainfall in excess of four inches was reported in Chickasaw, Fayette and Bremer counties of northeast Iowa with these storms. Very warm and humid air prevailed across the state on Thursday (18th), Friday (19th) and Saturday (20th) with highs in the 80's north and 90's south. A few thunderstorms developed late Friday (19th) across the southeast one-half of the state. The weekend was mostly dry with only a few very isolated storms across the southwest one-third of Iowa. High temperatures on Sunday (21st) were in the 70's north and mostly 80's south. Temperature extremes for the week varied from a Thursday (18th) afternoon high of 96 degrees at Keosauqua to a Monday (22nd) morning low of 46 degrees at Mason City. Temperatures for the week as a whole averaged 1.1 degrees above normal. No rainfall was reported during the week at some western Iowa locations such as Carroll, Logan and Audubon while Fayette reported the most rain with 4.96 inches. The statewide average precipitation was 0.69 inches while normal for the week is 0.95 inches.

## Statewide Crop Conditions as of August 21, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	8	21	46	22
Hay, all	9	17	30	39	5
Range & Pasture	11	25	36	25	3
Soybeans	2	6	22	50	20

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MON., AUG. 22, 2005 (inches)



■ 2.0 or more ■ 1.0 to 2.0 ■ 0.5 to 1.0 ■ 0.2 to 0.5 ■ 0.2 or less

## Field Work and Crop Progress as of August 21, 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 dough stage	79	79	68	79	85	70	74	74	81	76	63	59	66
Corn in or past dent stage	37	21	21	38	35	31	42	33	46	33	12	18	27
Corn mature (safe from frost)	1	0	1	5	1	2	2	1	8	2	0	0	1
Hay, alfalfa - third crop harvested	85	68	68	73	77	69	80	58	86	71	52	60	54

## Days Suitable & Soil Moisture Condition as of August 21, 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	5.7	5.1	4.5	6.3	5.6	5.8	6.7	6.0	5.0	5.7	4.3	5.8
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	3	1	5	10	3	38	5	24	40	13	10	6
Short	21	4	23	33	14	44	25	34	27	25	21	21
Adequate	73	83	66	56	78	18	70	42	33	59	65	68
Surplus	3	12	6	1	5	0	0	0	0	3	4	5
Subsoil moisture												
Very short	1	1	16	10	9	56	7	41	58	21	17	4
Short	16	9	24	33	13	42	27	36	31	25	23	16
Adequate	81	82	52	55	75	2	66	23	11	51	57	75
Surplus	2	8	8	2	3	0	0	0	0	3	3	5

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, August 21, 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	84	51	69	0	0.35	-0.49	12.66	-3.47	132	2
Sioux Center	86	53	71	1	0.18	-0.59	15.58	-0.46	149	3
Spencer	86	53	70	1	0.11	-0.80	16.84	-0.15	144	5
Spirit Lake	85	52	70	2	0.84	0.00	16.65	0.61	144	-14
<b>North Central District</b>										
Britt	86	53	69	-2	0.68	-0.09	23.54	5.76	134	-10
Humboldt	84	53	69	-2	1.28	0.44	23.80	5.53	135	-10
Mason City	88	50	69	-1	0.94	0.03	23.98	5.40	135	-2
Northwood	86	52	69	-2	1.47	0.49	25.49	7.53	132	-5
<b>North East District</b>										
Decorah	87	49	70	-1	0.80	-0.11	19.20	1.00	144	0
Dubuque	87	57	72	3	2.91	1.84	14.51	-4.70	156	19
Elkader	87	49	69	-2	2.04	1.06	17.78	-0.40	132	-26
Independence	88	53	70	2	2.01	1.02	23.23	3.74	144	-19
Waterloo	87	52	71	1	1.46	0.69	20.88	1.68	145	4
<b>West Central District</b>										
Audubon	87	52	68	-5	0.00	-0.83	19.54	1.32	130	-28
Carroll	88	53	71	0	0.00	-0.84	16.87	-2.63	147	2
Castana	89	54	71	-1	0.00	-0.83	18.66	1.65	151	7
Guthrie Center	91	52	71	-2	0.65	-0.33	25.26	6.46	147	-4
Harlan	90	53	73	2	0.00	-0.79	15.32	-2.58	161	18
Jefferson	91	53	72	2	0.00	-0.84	15.32	-4.18	155	10
Logan	92	53	73	1	0.00	-0.77	18.78	1.14	161	4
Rockwell City	86	54	69	-3	0.09	-0.75	21.91	3.55	138	-12
Sioux City	92	55	73	1	0.02	-0.62	15.67	0.71	160	2
<b>Central District</b>										
Ames	89	53	71	2	0.85	-0.13	20.61	0.38	152	11
Boone	90	53	72	1	0.02	-0.89	19.09	-0.46	152	7
Des Moines	93	60	76	4	0.04	-0.94	18.78	0.68	187	21
Eldora	90	48	71	1	0.31	-0.63	19.98	0.38	148	4
Marshalltown	87	52	71	2	0.28	-0.77	17.43	-1.99	147	8
Newton	91	55	72	0	0.60	-0.27	21.59	3.23	157	4
Perry	89	54	72	2	0.06	-0.85	20.34	1.77	156	12
Toledo	89	54	70	0	0.09	-0.96	16.96	-2.79	142	-1
<b>East Central District</b>										
Cedar Rapids	89	56	73	2	1.16	0.25	15.93	-2.31	161	14
Davenport	89	56	73	1	0.62	-0.36	8.03	-10.06	162	4
Iowa City	95	59	76	4	0.17	-0.81	10.00	-10.19	187	22
Lowden	91	53	72	2	2.26	1.21	13.91	-6.29	155	6
Maquoketa	89	54	71	1	2.70	1.69	9.98	-8.17	148	6
Muscataine	93	61	75	3	0.57	-0.27	13.17	-5.71	177	39
<b>South West District</b>										
Clarinda	91	55	72	-1	0.15	-0.83	24.36	3.80	153	-3
Glenwood	95	56	74	2	0.24	-0.64	19.52	0.74	170	8
Oakland	91	53	73	3	0.01	-0.85	19.00	0.80	160	16
Red Oak	93	56	74	0	0.04	-0.94	16.05	-4.23	166	0
Sidney	92	55	72	-2	0.18	-0.76	18.66	-0.63	158	-6
<b>South Central District</b>										
Allerton	92	57	73	2	0.31	-0.63	18.02	-1.12	163	36
Beaconsfield	87	55	72	-1	0.20	-0.71	21.55	2.92	153	-4
Chariton	91	54	72	0	0.21	-0.69	18.39	-1.08	159	3
Indianola	93	56	74	3	0.07	-0.80	19.82	1.04	168	16
Leon	91	55	72	-2	0.21	-0.84	16.11	-3.27	155	-3
<b>South East District</b>										
Bloomfield	91	58	74	2	0.30	-0.72	17.23	-2.17	173	10
Burlington	93	59	76	4	0.09	-0.76	11.21	-6.95	181	22
Ottumwa	90	56	73	0	0.83	-0.01	15.13	-2.94	164	-1

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.