

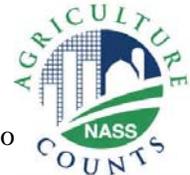
# Iowa Crops & Weather

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## Lower Temperatures With Limited Precipitation

Temperatures remained below normal this past week with precipitation also below expected levels in most areas. Reports of creeks drying up and brown pastures were received. Soybeans began turning yellow last week with some reports of leaves dropping. Over half the Iowa corn crop has reached the dent stage and 5 percent has been rated as mature. Farmers began chopping silage last week and seed corn harvest was about to begin. Several reports stated grain movement was active as farmers were preparing their bins for this season's harvest. The third cutting of alfalfa hay was reported to be winding down.

There were 5.7 **days suitable for fieldwork**, the same as the previous week, and 1.1 additional days than this time a year ago. **Topsoil moisture** rating declined from a week ago with 14 percent rated very short, 27 percent short, 56 percent adequate, and 3 percent surplus across Iowa. **Subsoil moisture** rated 19 percent very short, 26 percent short, 52 percent adequate, and 3 percent surplus.

Field Crops Report: **Corn condition** remained about the same as the previous week with 3 percent rated very poor, 8 percent poor, 20 percent fair, 48 percent good, and 21 percent excellent. **Corn in the dough stage** reached 91 percent, up 15 percentage points from a week ago and 8 percentage points ahead of normal. **Corn dented** reached 58 percent, which is ahead of last year and the 5-year average. **Corn mature** reached 5 percent, which is slightly ahead of last year at 2 percent, but slightly behind normal at 7 percent. **Soybeans setting pods** was at 99 percent complete, equal to last year and the 5-year average. **Soybean leaves turning color** reached 12 percent, which is 4 percentage points ahead of last year and 2 percentage points ahead of normal. **Soybeans dropping leaves**, at 2 percent complete, is at a normal pace. **Soybean condition** was rated nearly the same as a week ago at 2 percent very poor, 6 percent poor, 21 percent fair, 51 percent good, and 20 percent excellent. The **third cutting of alfalfa hay** reached 83 percent, which is

12 percentage points ahead of last year and 16 percentage points ahead of the 5-year average. **Hay condition** was 9 percent very poor, 16 percent poor, 29 percent fair, 41 percent good, and 5 percent excellent, a slight improvement from a week ago.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 11 percent very poor, 24 percent poor, 35 percent fair, 28 percent good, and 2 percent excellent. Livestock were generally reported to be in good condition, largely because of the cooler temperatures.

## Iowa Weather Summary

The past work week began with mild and dry weather. Daytime high temperatures were mostly in the 70's on Monday (22nd), Tuesday (23rd) and Wednesday (24th). Precipitation was limited to some light showers across the southern one-third of Iowa on Wednesday (24th) morning. Warmer weather arrived Thursday (25th) with highs in the 80's west and 70's east with light rain falling across portions of the southeast one-quarter of the state. High temperatures were mostly in the 80's on Friday (26th) and through the weekend. Showers and thunderstorms dampened most of Iowa on Friday (26th) but amounts were on the light side in most areas. A few isolated thunderstorms moved across small areas of southwest and south central Iowa late Saturday (27th) night and again on Sunday (28th) afternoon. Temperature extremes for the week ranged from lows of 45 degrees at Cresco and Elkader on Tuesday (23rd) morning and again at Cresco on Wednesday (24th) morning to a high of 94 degrees at Sioux City on Saturday (27th) afternoon. Temperatures for the week as a whole averaged 0.9 degrees below normal. Rainfall amounts varied from just a trace at Onawa to 1.97 inches at Beaconsfield (Ringgold County) and 2.00 inches at Emmetsburg. The statewide average precipitation was 0.33 inches or only about one-third of the weekly normal amount of 0.93 inches.

Statewide Crop Conditions as of August 28, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	8	20	48	21
Hay, all	9	16	29	41	5
Range & Pasture	11	24	35	28	2
Soybeans	2	6	21	51	20

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MON., AUG. 29, 2005 (inches)



■ 1.0 or more ■ 0.7 to 1.0 ■ 0.4 to 0.7 ■ 0.1 to 0.4 □ 0.1 or less

## Field Work and Crop Progress as of August 28, 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	94	93	90	93	95	85	88	88	89	91	76	78	83
Corn in or past dent stage	63	50	54	57	71	55	68	59	63	58	33	35	50
Corn mature (safe from frost)	3	1	4	7	6	6	5	7	15	5	2	2	7
Soybean leaves turning color	16	8	11	14	13	18	10	4	8	12	NA	8	10
Soybeans dropping leaves	4	1	2	1	1	2	1	0	1	2	NA	1	2
Hay, alfalfa - third crop harvested	89	89	83	87	90	75	96	73	90	83	71	71	67

NA = not available

## Days Suitable & Soil Moisture Condition as of August 28, 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	5.9	5.1	5.8	6.1	5.3	5.6	6.1	6.0	5.7	5.7	5.7	4.6
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	9	1	5	12	3	27	2	33	40	14	13	4
Short	33	9	23	32	17	50	26	33	24	27	25	16
Adequate	55	80	68	55	72	23	71	32	36	56	59	67
Surplus	3	10	4	1	8	0	1	2	0	3	3	13
Subsoil moisture												
Very short	7	1	16	12	8	46	4	41	54	19	21	4
Short	26	10	24	30	13	38	28	32	34	26	25	16
Adequate	64	80	56	58	73	16	68	27	12	52	51	72
Surplus	3	9	4	0	6	0	0	0	0	3	3	8

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, August 28, 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	82	49	66	-1	1.31	0.47	13.97	-3.00	113	-4
Sioux Center	86	49	69	-1	0.12	-0.65	15.70	-1.11	133	-1
Spencer	87	49	68	0	0.03	-0.85	16.87	-1.00	130	4
Spirit Lake	83	50	67	0	0.41	-0.43	17.06	0.18	123	-25
North Central District										
Britt	83	50	66	-4	0.38	-0.41	23.92	5.35	110	-22
Humboldt	80	53	66	-4	0.41	-0.44	24.21	5.09	111	-22
Mason City	83	46	65	-3	0.73	-0.24	24.71	5.16	109	-15
Northwood	83	50	65	-4	0.71	-0.27	26.20	7.26	103	-21
North East District										
Decorah	82	47	66	-4	0.14	-0.77	19.34	0.23	113	-19
Dubuque	80	51	66	-3	0.05	-1.07	14.56	-5.77	111	-14
Elkader	82	45	63	-6	0.05	-0.89	17.83	-1.29	93	-56
Independence	84	50	66	-2	0.36	-0.62	23.59	3.12	114	-36
Waterloo	84	47	66	-3	0.06	-0.71	20.94	0.97	115	-14
West Central District										
Audubon	86	50	68	-4	0.20	-0.65	19.74	0.67	127	-19
Carroll	87	53	69	-1	0.26	-0.58	17.13	-3.21	132	-1
Castana	89	57	70	-1	0.03	-0.81	18.69	0.84	144	12
Guthrie Center	86	50	69	-2	0.32	-0.66	25.58	5.80	133	-6
Harlan	90	55	71	2	0.87	-0.01	16.19	-2.59	150	19
Jefferson	89	53	69	-1	0.40	-0.44	15.72	-4.62	133	0
Logan	91	54	73	3	0.08	-0.74	18.86	0.40	159	14
Rockwell City	85	51	67	-4	0.07	-0.82	21.98	2.73	118	-21
Sioux City	94	52	74	4	0.08	-0.62	15.75	0.09	171	26
Central District										
Ames	84	53	68	0	0.80	-0.17	21.41	0.21	130	1
Boone	85	53	68	-2	1.03	0.11	20.12	-0.35	128	-7
Des Moines	89	57	72	1	0.29	-0.68	19.07	0.00	158	4
Eldora	86	53	67	-2	0.55	-0.36	20.53	0.02	124	-8
Marshalltown	83	52	67	-2	0.26	-0.79	17.69	-2.78	122	-5
Newton	87	53	68	-3	0.44	-0.47	22.03	2.76	126	-16
Perry	86	55	69	0	0.24	-0.67	20.58	1.10	136	4
Toledo	85	52	67	-3	0.04	-0.95	17.00	-3.74	120	-10
East Central District										
Cedar Rapids	84	50	67	-3	0.02	-0.89	15.95	-3.20	121	-15
Davenport	83	50	68	-4	0.41	-0.53	8.44	-10.59	130	-18
Iowa City	89	56	72	0	0.24	-0.74	10.24	-10.93	158	3
Lowden	85	46	66	-4	0.18	-0.87	14.09	-7.16	113	-24
Maquoketa	84	51	66	-3	0.16	-0.89	10.14	-9.06	113	-16
Muscatine	87	53	70	-2	0.16	-0.75	13.33	-6.46	145	18
South West District										
Clarinda	87	56	72	2	0.52	-0.52	24.88	3.28	153	9
Glenwood	91	55	74	4	0.11	-0.80	19.63	-0.06	172	21
Oakland	89	55	72	3	0.51	-0.40	19.51	0.40	153	21
Red Oak	91	57	73	2	1.25	0.25	17.30	-3.98	166	11
Sidney	90	63	74	3	0.29	-0.66	18.95	-1.29	167	16
South Central District										
Allerton	88	57	71	0	1.77	0.79	19.79	-0.33	147	33
Beaconsfield	87	59	71	0	1.97	1.05	23.52	3.97	147	3
Chariton	85	55	70	-1	0.56	-0.41	18.95	-1.49	144	1
Indianola	87	55	70	0	0.18	-0.73	20.00	0.31	143	2
Leon	89	58	71	1	0.57	-0.48	16.68	-3.75	151	5
South East District										
Bloomfield	86	56	72	0	0.45	-0.60	17.68	-2.77	154	2
Burlington	87	58	72	2	0.15	-0.76	11.36	-7.71	157	7
Ottumwa	85	54	70	-2	0.14	-0.76	15.27	-3.70	144	-9

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.