



Iowa Crops & Weather

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2010 FALL HARVEST UNDERWAY

Agricultural Summary: After two weeks of mostly dry weather, rain moved back into Iowa. Localized rains accumulated more than 3 inches in parts of Iowa. Aside from rain, temperatures climbed back into the eighties with evening temperatures dipping into the high forties and low fifties. Several windy days aided in drying crops, as early reports indicate corn moisture levels in the mid to high twenties. Along with promoting crop progression, last week's weather also benefitted livestock as light rains and lower humidity levels relieved some stress the previous few weeks had caused.

Iowa's corn continued to progress ahead of average. Chopping corn for silage and harvesting seed corn are in full swing, with harvesting for grain beginning in early planted fields. While corn is rapidly turning color and maturing, soybeans are mostly remaining green aside from acres affected by sudden death syndrome. However, progress is still ahead of last year. Hay production also progressed last week with producers continuing their third cutting, with some moving onto a fourth cutting. Pastures remain adequate for grazing, and should have enough moisture to provide growth for the remainder of the season.

There were 5.0 days suitable for fieldwork last week, compared to 6.3 days the previous week. All but Southeast Iowa, at 4.3 days suitable, reported 4.7 days or more with Northwest Iowa reporting the highest number of days, at 5.8 days suitable. Topsoil moisture rated 1 percent very short, 5 percent short, 81 percent adequate, and 13 percent surplus across the state. Subsoil moisture rated 0 percent very short, 3 percent short, 78 percent adequate, and 19 percent surplus.

Field Crops Report: Nearly all the corn acres have entered dough stage, 90 percent of the crop has started to dent, and 34 percent has reached maturity; all three are at least 9 days ahead of last year and the five-year average. Corn has begun to be harvested and its condition decreased slightly to 3 percent very poor, 8 percent poor, 20 percent fair, 46 percent good, and 23 percent excellent. Forty-five percent of the soybean acres have turned color, ahead of last year's 26 percent and the five-year average of 39 percent. Leaves have begun to drop in 9 percent of the soybean acres, 3 days ahead of last year, but 1 day behind the

five-year average. Soybean condition also decreased slightly to 3 percent very poor, 7 percent poor, 21 percent fair, 47 percent good, and 22 percent excellent. Alfalfa third cutting increased 12 percentage points to 81 percent complete, ahead of the 70 percent completed last year and the five-year average of 78 percent. All hay condition rated 4 percent very poor, 10 percent poor, 28 percent fair, 45 percent good, and 13 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 2 percent very poor, 6 percent poor, 25 percent fair, 49 percent good, and 18 percent excellent. There have been no reports of any widespread livestock concerns; however isolated cases of pink-eye in cattle and high populations of insects have been reported.

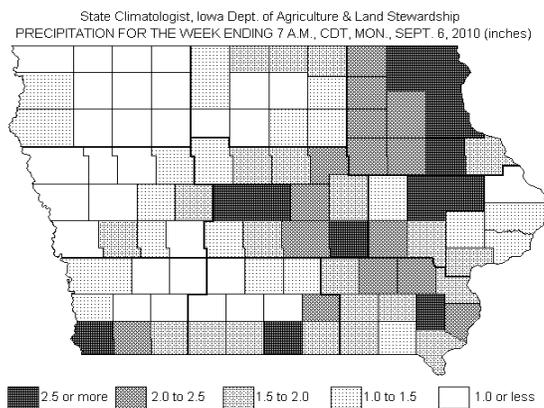
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

The past reporting week began with very warm and humid conditions on Monday (30th) and Tuesday (31st) with daytime highs in the low 80's northeast to low 90's southwest. Showers and thunderstorms moved into western Iowa late Monday night and were widespread statewide until Wednesday (1st) morning. Locally heavy rain fell Tuesday night over parts of central and eastern Iowa. Temperatures moderated slightly on Wednesday and Thursday (2nd) with highs mostly in the mid 70's to mid 80's. Showers and thunderstorms brought light rain to much of the state on Thursday and was followed by drier and much cooler weather on Friday (3rd) and Saturday (4th). Overnight lows in the 40's were common statewide on Saturday morning and again over eastern Iowa on Sunday morning. Warmer air quickly returned to the state on Sunday (5th) afternoon with scattered showers and thunderstorms bringing brief light rain. Temperature extremes varied from a Tuesday afternoon high of 94 degrees at Shenandoah to a Saturday morning low of 37 degrees at Sibley. Temperatures for the week as a whole averaged 1.1 degrees above normal. Rain totals varied from only 0.18 inches at Battle Creek in Ida County up to 4.22 inches at Ames. The statewide average precipitation was 1.52 inches while normal for the week is 0.88 inches.

Statewide Crop Conditions as of September 5, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn	3	8	20	46	23
Soybeans	3	7	21	47	22
Hay, all	4	10	28	45	13
Range & Pasture ..	2	6	25	49	18

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of September 5, 2010

Item	Districts									State (Percent)	Last Week (Percent)	Last Year (Percent)	5-yr Avg (Percent)
	NW (Percent)	NC (Percent)	NE (Percent)	WC (Percent)	C (Percent)	EC (Percent)	SW (Percent)	SC (Percent)	SE (Percent)				
Corn in or past dough stage	99	100	97	99	100	97	96	93	95	98	94	84	91
Corn in or past dent stage	93	95	92	94	94	88	78	75	82	90	77	49	69
Corn mature (safe from frost)	28	40	26	37	42	29	30	40	39	34	8	2	13
Soybean leaves turning color	55	61	46	42	53	47	21	21	34	45	14	26	39
Soybeans dropping leaves	9	10	7	11	15	10	2	3	6	9	3	3	10
Hay, alfalfa - third crop harvested	95	91	95	87	87	92	72	63	66	81	69	70	78

--Days Suitable and Soil Moisture Table moved to page 2--

Days Suitable & Soil Moisture Condition as of September 5, 2010

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	(Days) 5.8	(Days) 5.3	(Days) 4.7	(Days) 5.4	(Days) 4.7	(Days) 4.8	(Days) 4.7	(Days) 4.8	(Days) 4.3	(Days) 5.0	(Days) 6.3	(Days) 5.8
	(Percent)											
Topsoil moisture												
Very short	1	2	0	0	1	0	2	0	0	1	1	1
Short	3	8	4	5	7	2	15	2	2	5	8	10
Adequate	76	83	91	86	65	91	74	81	80	81	78	80
Surplus	20	7	5	9	27	7	9	17	18	13	13	9
Subsoil moisture												
Very short	0	1	0	0	1	0	2	0	0	0	0	2
Short	2	8	3	2	3	1	8	1	0	3	5	9
Adequate	73	86	90	83	58	82	75	82	73	78	73	75
Surplus	25	5	7	15	38	17	15	17	27	19	22	14

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: Sunday, September 5, 2010, Prepared by AWIS, Inc.

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	88	44	68	4	0.28	-0.56	22.30	4.37	125	22
Sioux Center	89	42	68	2	0.95	0.18	28.75	11.06	124	-2
Spencer	89	39	68	3	0.19	-0.65	23.11	4.28	126	14
Spirit Lake	88	42	67	3	0.78	-0.06	20.48	2.64	121	9
North Central District										
Britt	90	43	66	-1	0.68	-0.16	21.69	2.16	117	12
Humboldt	89	45	68	2	1.34	0.43	35.00	14.84	126	10
Mason City	92	42	68	4	0.92	-0.06	20.24	-0.43	130	20
Osage	85	44	66	0	1.95	0.90	27.81	6.71	112	7
North East District										
Decorah	89	44	68	2	3.43	2.45	27.60	7.37	129	12
Dubuque	88	46	68	3	0.92	-0.26	35.19	13.52	130	18
Elkader	89	42	68	3	2.23	1.32	38.05	17.89	127	14
Fayette	89	44	68	3	2.12	1.15	32.69	11.50	129	29
Waterloo	91	45	71	5	2.23	1.39	34.11	13.19	147	28
West Central District										
Carroll	89	45	68	2	0.92	0.06	29.83	8.51	129	3
Castana	86	45	68	-1	0.46	-0.39	24.16	5.34	124	-13
Guthrie Center	89	43	69	2	0.67	-0.31	40.16	19.26	135	8
Harlan	89	46	68	1	2.03	0.99	32.89	12.93	131	10
Jefferson	89	46	68	2	1.32	0.46	32.42	11.10	128	2
Logan	90	47	70	2	1.63	0.77	30.81	11.37	142	10
Rockwell City	88	46	67	-1	1.04	0.13	32.23	11.94	122	1
Sac City	88	46	67	0	0.40	-0.51	29.97	10.07	116	2
Sioux City	90	44	70	2	0.46	-0.24	23.47	7.01	139	13
Central District										
Boone	89	44	69	2	2.40	1.49	38.43	16.92	134	7
Des Moines	92	50	74	5	1.46	0.55	39.14	19.03	169	31
Grundy Center	90	46	69	5	2.51	1.67	36.38	15.68	137	23
Marshalltown	91	44	71	5	2.69	1.69	34.55	12.93	147	28
Newton	91	48	70	3	3.54	2.57	46.89	26.52	143	8
Perry	91	46	70	4	1.41	0.56	36.13	15.67	142	21
Toledo	89	45	69	3	1.38	0.40	26.74	4.88	134	21
East Central District										
Cedar Rapids	88	45	70	3	2.23	1.25	29.89	9.62	139	13
Davenport	92	47	71	3	1.03	0.14	31.41	11.36	149	3
Iowa City	91	47	71	2	1.51	0.53	29.42	7.13	150	3
Lowden	90	45	69	3	1.31	0.26	29.46	7.01	137	20
Maquoketa	89	45	68	3	1.13	0.08	27.52	7.12	129	15
Muscatine	90	48	71	1	1.13	0.22	37.66	16.83	146	5
South West District										
Atlantic	90	43	70	3	0.77	-0.18	32.54	13.45	138	11
Clarinda	89	42	69	0	1.89	0.84	25.89	3.09	132	4
Glenwood	91	45	70	2	0.93	0.00	25.87	5.12	141	-1
Red Oak	91	45	70	1	0.49	-0.56	29.74	7.26	144	10
Sidney	92	50	70	2	3.76	2.78	24.46	3.10	144	1
South Central District										
Allerton	89	47	70	2	2.46	1.40	42.67	21.34	140	10
Beaconsfield	88	46	70	3	1.58	0.58	31.08	10.39	144	10
Chariton	88	47	69	2	1.03	-0.08	43.36	21.66	136	10
Indianola	90	46	71	4	0.72	-0.19	42.26	21.53	145	19
Leon	88	45	70	2	1.88	0.83	36.07	14.44	143	17
South East District										
Bloomfield	90	50	71	2	1.76	0.65	39.21	17.50	148	13
Burlington	92	51	73	4	2.21	1.25	39.83	19.67	164	18
Ottumwa	89	47	71	2	1.17	0.19	41.75	21.67	148	6
Washington	90	47	71	0	3.18	2.25	42.53	22.87	145	8

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 2010: AWIS, Inc. All Rights Reserved.