



Iowa Crops & Weather

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Issued August 2, 2010

Vol 10-22

For the week ending August 1, 2010

Typical Week for 2010

Agricultural Summary: Last week's weather in Iowa once again fit the trend for the 2010 crop season. Scattered rain and storms were accompanied by hot, humid days causing rapid crop growth on well-draining land. Meanwhile, low-lying fields remained completely saturated, with many instances of ponding. The continued rainfall left farmers with less than ideal conditions for field work. Hay growth has been excellent and is reported in good condition, but harvesting is a challenge. The same can be said for oats. Producers are trying to finish oat harvest, but are struggling to get in the field with rainfall nearly every other day.

Crops are still reported mostly in good condition, even with the above average precipitation Iowa has received this summer. Corn looks extremely good in areas, while some fields have stunted yellow corn in lowland areas, and a few instances of drown out. Overall, soybeans look good, but some fields are showing visible signs of the consistent rain and excess moisture. Fortunately, aphid numbers are reported as low, given that many operators have not been able to spray; however, some fields have shown signs of sudden death syndrome in Central Iowa. Pastures continue to offer adequate grazing and relief for cattle. Less stress has been reported for cattle that are out in the open, compared to those in confinement.

There were 4.1 days suitable for fieldwork last week, compared with 3.0 days the previous week. Central Iowa had the lowest number of days suitable with 3.3 days, and Southwest Iowa reported the highest with 5.9 days suitable. Topsoil moisture rated 0 percent very short, 1 percent short, 59 percent adequate, and 40 percent surplus across the state. Subsoil moisture rated 0 percent very short, 0 percent short, 54 percent adequate, and 46 percent surplus.

Field Crops Report: Nearly all the corn acres have tasseled, 94 percent have silked, and 54 percent have reached milk stage; all three are still ahead of last year and the five-year average. Corn reached dough stage in 12 percent of the crop, ahead of last year, but equal to the five-year average. Corn condition was virtually unchanged at 3 percent very poor, 8 percent poor, 19 percent fair, 43 percent good, and 27 percent excellent. Ninety-one percent of the soybean crop has bloomed, compared to 89 percent last year and 90 percent for the five-year average. Pods have set on 63 percent of the soybean acres, 2 days ahead of last year and 1 day ahead of the five-year average. Soybean condition changed very little with 3 percent very poor, 7 percent poor, 19 percent fair, 46 percent good, and 25 percent excellent.

Oats harvested for grain increased 26 percentage points last week to 83 percent complete, 7 days ahead of last year and 4 days ahead of the five-year average. Oat condition rated 2 percent very poor, 8 percent poor, 22 percent fair, 55 percent good, and 13 percent excellent. Eighty-two percent of the second cutting of alfalfa has been completed, just ahead of the 79 percent completed last year, but behind the five-year average of 87 percent. Alfalfa third cutting progressed to 15 percent complete. All hay condition rated 3 percent very poor, 13 percent poor, 26 percent fair, 43 percent good, and 15 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 7 percent poor, 22 percent fair, 48 percent good, and 22 percent excellent. Heat has begun to take a toll on livestock. Continued high temperatures and humidity have led to some cases of heat exhaustion in sows getting ready to farrow and heat stress on confined cattle.

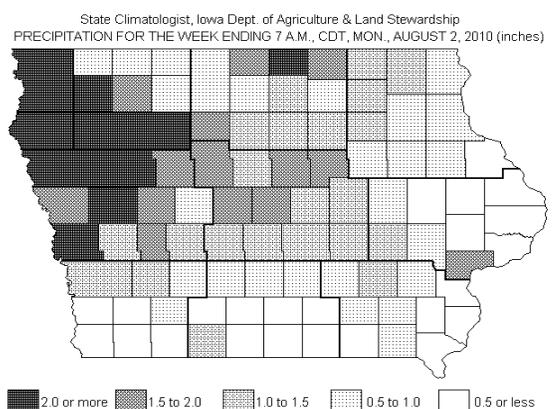
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

It was another warmer and wetter than normal week across Iowa. Temperatures were above normal on each day except Thursday (29th) and Friday (30th). Tuesday (27th) was the hottest day in most areas with high temperatures in the upper 80's to lower 90's statewide. However, higher temperatures were recorded on Wednesday (28th) but were confined to the far southeast where Burlington and Keosauqua had actual temperatures up to 94 degrees and Burlington recorded a heat index of 108. Drier and cooler air made a brief appearance on Thursday when Cresco had a morning low of 56 degrees. Temperatures for the week as a whole averaged 1.7 degrees above normal. Meanwhile, Monday (26th) was mostly dry across Iowa while showers and thunderstorms brought rain to the northern one-third of the state on Tuesday. Showers were scattered over southeast Iowa on Wednesday and over the northwest on Thursday. The most widespread rain of the week came on Friday (30th) morning when nearly five inches of rain fell at Akron on the South Dakota border. The weekend was dry with showers and thunderstorms dampening the western one-third of Iowa early Monday (2nd) morning. Weekly rain totals varied from none at Sidney in the far southwest to 6.51 inches at Akron. The statewide average precipitation was 1.20 inches while normal for the week is 0.94 inches. This was the ninth consecutive week of above normal rainfall and tenth week of the past eleven with above normal temperatures. Preliminary July data indicate a statewide average precipitation of 7.93 inches. This ranks as the fifth wettest July among 138 years of state records and follows the wettest June on record.

Statewide Crop Conditions as of August 1, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn	3	8	19	43	27
Soybeans	3	7	19	46	25
Oats	2	8	22	55	13
Hay, all	3	13	26	43	15
Range & Pasture	1	7	22	48	22

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of August 1, 2010

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)												
Corn tasseled	99	99	98	99	100	99	98	94	94	98	94	90	94
Corn silked	97	97	93	95	92	95	90	86	88	94	85	76	85
Corn in or past milk stage	50	61	52	61	58	53	48	54	43	54	21	22	40
Corn in or past dough stage	9	13	12	11	15	16	10	19	10	12	2	2	12
Soybeans bloomed	99	94	96	94	89	95	85	81	73	91	82	89	90
Soybeans setting pods	70	67	66	66	64	75	48	50	41	63	44	57	61
Oats harvested for grain	81	82	88	75	79	90	83	71	85	83	57	59	70
Hay, alfalfa - second crop harvested	97	88	96	87	93	98	88	51	75	82	70	79	87
Hay, alfalfa - third crop harvested	21	19	23	15	12	20	12	9	9	15	5	NA	NA

Days Suitable & Soil Moisture Condition as of August 1, 2010

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	(Days) 3.5	(Days) 3.8	(Days) 4.0	(Days) 3.5	(Days) 3.3	(Days) 4.8	(Days) 5.9	(Days) 4.6	(Days) 4.8	(Days) 4.1	(Days) 3.0	(Days) 5.7
	(Percent)											
Topsoil moisture												
Very short	0	0	0	0	0	0	1	0	0	0	0	1
Short	0	0	1	0	1	1	8	0	0	1	0	14
Adequate	55	69	55	50	53	83	60	46	65	59	55	79
Surplus	45	31	44	50	46	16	31	54	35	40	45	6
Subsoil moisture												
Very short	0	0	0	0	0	0	1	0	0	0	0	1
Short	0	0	1	0	0	2	2	0	0	0	0	8
Adequate	57	70	52	46	39	66	59	39	56	54	50	82
Surplus	43	30	47	54	61	32	38	61	44	46	50	9

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: Sunday, August 1, 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	90	61	73	2	1.17	0.40	19.67	5.88	164	15
Sioux Center	91	61	75	2	3.77	3.07	23.87	9.92	176	8
Spencer	90	61	74	2	0.02	-0.89	16.70	2.31	170	9
Spirit Lake	90	64	75	3	0.68	-0.09	16.89	3.15	174	17
North Central District										
Britt	90	61	73	-1	0.80	-0.08	19.42	3.91	161	14
Humboldt	90	61	73	0	1.62	0.71	28.29	12.51	165	4
Mason City	91	58	73	1	1.34	0.43	18.05	2.07	162	8
Osage	89	60	73	0	1.47	0.49	22.80	6.81	159	5
North East District										
Decorah	90	57	74	2	1.67	0.83	21.63	6.01	171	10
Dubuque	87	62	74	3	0.79	-0.13	30.98	14.71	170	15
Elkader	88	57	72	0	0.70	-0.28	31.57	16.19	157	3
Fayette	88	58	73	0	1.21	0.22	29.00	12.70	161	14
Waterloo	90	59	75	3	0.79	-0.22	28.38	11.56	175	10
West Central District										
Carroll	91	61	74	1	1.71	0.80	23.86	6.82	172	2
Castana	89	59	74	-1	1.23	0.53	19.61	4.84	168	-7
Guthrie Center	92	59	75	2	1.23	0.40	34.18	18.06	178	6
Harlan	90	60	75	1	0.84	0.07	25.18	9.46	177	9
Jefferson	90	60	73	0	1.04	0.13	23.95	6.91	166	-5
Logan	91	62	76	1	0.16	-0.61	24.94	9.50	186	10
Rockwell City	89	62	74	-1	1.34	0.43	24.71	8.84	170	3
Sac City	89	61	72	-2	2.00	1.19	23.29	7.76	159	-2
Sioux City	91	61	76	1	3.26	2.56	18.52	5.43	187	13
Central District										
Boone	91	60	75	1	1.87	1.04	26.98	10.00	175	7
Des Moines	92	66	79	2	0.97	0.12	28.33	12.94	203	21
Grundy Center	89	60	74	3	1.94	0.99	30.14	13.65	169	8
Marshalltown	89	58	75	3	1.11	0.13	24.00	7.58	178	10
Newton	92	62	75	0	1.55	0.71	32.53	16.60	177	-5
Perry	92	61	75	3	1.19	0.35	27.82	11.77	179	11
Toledo	89	59	73	0	0.83	-0.18	21.45	4.69	163	2
East Central District										
Cedar Rapids	88	60	75	2	0.48	-0.39	23.33	7.65	179	11
Davenport	90	62	76	1	0.58	-0.33	25.11	9.78	181	-4
Iowa City	89	64	77	1	0.90	-0.16	22.28	4.95	191	2
Lowden	90	58	74	1	0.18	-0.80	23.69	6.41	171	10
Maquoketa	87	59	73	-1	0.47	-0.37	22.27	6.87	160	-1
Muscatine	89	64	76	1	0.66	-0.28	29.85	13.50	182	0
South West District										
Atlantic	91	57	76	2	0.62	-0.16	26.75	11.81	179	11
Clarinda	89	62	76	0	0.09	-0.97	21.99	4.30	181	8
Glenwood	92	62	77	1	0.00	-0.84	20.09	3.75	189	7
Red Oak	91	64	78	2	0.13	-0.78	25.00	7.39	195	18
Sidney	91	65	78	2	0.00	-1.05	18.39	1.86	199	16
South Central District										
Allerton	91	63	76	2	0.03	-0.95	36.63	20.15	186	11
Beaconsfield	89	62	75	1	0.15	-0.76	27.11	11.03	180	5
Chariton	90	59	75	0	0.77	-0.14	36.59	19.59	177	2
Indianola	92	60	76	2	1.03	0.19	36.41	20.06	184	16
Leon	89	62	75	-1	0.05	-0.86	31.55	15.05	176	1
South East District										
Bloomfield	91	64	77	2	0.30	-0.71	30.76	14.21	192	10
Burlington	94	68	80	5	0.04	-0.87	33.71	18.00	211	28
Ottumwa	89	63	76	0	0.45	-0.50	29.02	13.41	186	-2
Washington	90	60	76	-2	1.17	0.30	31.24	15.85	182	0

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.