



Iowa Crops & Weather

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WEATHER PROMOTES PROGRESSION

Agricultural Summary: Western Iowa received light rain showers last week, while a majority of the state was dry. For much of Iowa it has been the longest span without rain all growing season. Along with mostly dry conditions, temperatures were mild early in the week with highs in the upper seventies and evenings dipping into the fifties. By week's end, Iowa witnessed higher temperatures, as thermometers climbed into the upper eighties. Overall, the week promoted rapid crop development and gave livestock a nice break from high heat and humidity.

Corn and soybeans throughout the state progressed rapidly last week. Corn is beginning to turn color in many areas, ears have dropped in some fields, and harvest for grain could start within a few weeks. Maturity variability within fields and instances of ears not filling out have been reported. Soybeans are also beginning to lose their bright green color, most of the acres due to maturity, however sudden death syndrome is claiming acres as well. Presence of white mold has also been reported. Hay production was in full swing last week, as producers experienced an extended period of drier weather. Cattle farmers are also taking advantage of the dry weather and harvesting silage.

There were 6.3 days suitable for fieldwork last week, highest reported this year. All but West Central Iowa, at 5.7 days suitable, reported 6.0 days or more with Central and Northeast Iowa reporting the highest number of days, at 6.6 days suitable. Topsoil moisture rated 1 percent very short, 8 percent short, 78 percent adequate, and 13 percent surplus across the state. Subsoil moisture rated 0 percent very short, 5 percent short, 73 percent adequate, and 22 percent surplus.

Field Crops Report: Ninety-four percent of the corn acres have entered dough stage, 77 percent of the crop has started to dent, and 8 percent has reached maturity; all three are ahead of last year and the five-year average. Corn condition improved slightly to 4 percent very poor, 7 percent poor, 20 percent fair, 44 percent good, and 25 percent excellent. Pods have set on virtually all the soybean acres, 14 percent

of the soybean acres have turned color, ahead of last year's 4 percent and the five-year average of 13 percent, and leaves have begun to drop. Soybean condition rated 3 percent very poor, 7 percent poor, 21 percent fair, 45 percent good, and 24 percent excellent. Alfalfa second cutting increased slightly last week, while the third cutting increased 11 percentage points to 69 percent complete, ahead of the 53 percent completed last year and the five-year average of 65 percent. All hay condition rated 4 percent very poor, 10 percent poor, 27 percent fair, 44 percent good, and 15 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 2 percent very poor, 6 percent poor, 28 percent fair, 49 percent good, and 15 percent excellent. Pastures continued to dry out but have enough moisture to provide growth for grazing; however weed pressure is becoming a concern for some.

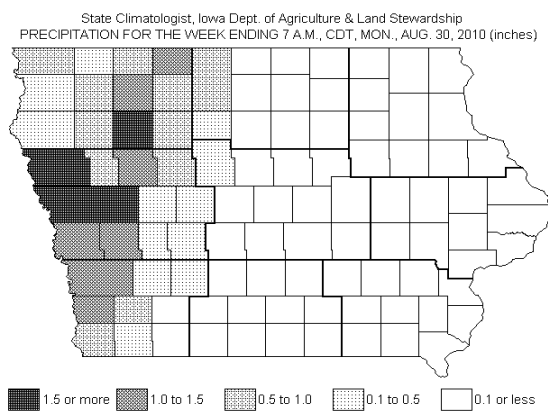
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

Iowa enjoyed its second consecutive week of below normal rainfall. Nearly all of the week's precipitation fell from Monday (23rd) night into Tuesday (24th) morning and was confined to the northwest one-half of the state. Weekly rain totals varied from none over all of the southeast one-half of the state up to 2.83 inches near Castana in Monona County. The statewide average precipitation was 0.30 inches while normal for the week is 0.92 inches. Meanwhile, the past reporting week began with temperatures above normal on Monday but was followed by very pleasant temperatures and much lower humidity from Tuesday through Thursday. Warmer and more humid weather gradually increased over the weekend. Temperature extremes ranged from afternoon highs of 92 degrees at Osceola on Monday (23rd) and again at numerous locations across the state on Sunday (29th) while Cresco, Elkader, Mason City and Postville saw lows dip to 44 degrees on Thursday (26th) morning. Temperatures for the week as a whole averaged 1.5 degrees above normal.

Statewide Crop Conditions as of August 29, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn	4	7	20	44	25
Soybeans	3	7	21	45	24
Hay, all	4	10	27	44	15
Range & Pasture ..	2	6	28	49	15

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of August 29, 2010

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn in or past dough stage	94	97	95	96	99	89	94	87	84	94	87	70	83
Corn in or past dent stage	79	83	80	78	90	71	67	60	58	77	54	25	50
Corn mature (safe from frost)	4	9	6	11	12	10	7	6	9	8	1	0	5
Soybean leaves turning color	18	18	11	12	21	15	5	7	5	14	4	4	13
Hay, alfalfa - second crop harvested	100	99	100	100	100	100	100	84	99	96	94	100	100
Hay, alfalfa - third crop harvested	90	83	91	75	68	79	55	43	64	69	58	53	65

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

Days Suitable & Soil Moisture Condition as of August 29, 2010

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	(Days) 6.0	(Days) 6.5	(Days) 6.6	(Days) 5.7	(Days) 6.6	(Days) 6.5	(Days) 6.1	(Days) 6.4	(Days) 6.5	(Days) 6.3	(Days) 5.1	(Days) 3.9
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short	0	2	0	0	3	1	1	1	0	1	0	1
Short	3	14	14	4	12	2	17	7	0	8	4	6
Adequate	77	81	83	84	63	92	73	74	68	78	67	72
Surplus	20	3	3	12	22	5	9	18	32	13	29	21
Subsoil moisture												
Very short	0	1	0	0	1	0	3	0	0	0	0	1
Short	2	12	9	1	6	1	9	1	0	5	3	7
Adequate	73	84	84	77	49	84	68	75	59	73	61	71
Surplus	25	3	7	22	44	15	20	24	41	22	36	21

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: Sunday, August 29, 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	50	70	4	0.32	-0.52	22.02	4.93	140	22
Sioux Center	89	49	71	3	0.23	-0.54	27.80	10.88	151	12
Spencer	90	50	71	4	1.32	0.45	22.92	4.93	146	18
Spirit Lake	87	53	71	4	0.72	-0.12	19.70	2.70	147	20
North Central District										
Britt	89	49	70	2	0.12	-0.68	21.01	2.32	143	24
Humboldt	90	51	70	3	0.43	-0.43	33.66	14.41	143	14
Mason City	90	44	70	4	0.06	-0.92	19.32	-0.37	144	20
Osage	87	49	69	2	0.05	-1.00	25.86	5.81	131	10
North East District										
Decorah	90	45	70	2	0.00	-0.92	25.76	6.51	140	10
Dubuque	83	49	68	2	0.00	-1.12	34.27	13.78	130	3
Elkader	86	44	67	-2	0.00	-0.93	36.69	17.44	122	-5
Fayette	87	47	69	2	0.00	-0.98	30.57	10.35	132	17
Waterloo	88	45	70	3	0.00	-0.77	31.88	11.80	144	10
West Central District										
Carroll	89	53	71	2	0.60	-0.24	28.91	8.45	147	6
Castana	88	55	71	1	2.83	1.99	23.70	5.73	145	-5
Guthrie Center	90	49	70	0	0.12	-0.86	39.49	19.57	141	0
Harlan	90	52	71	2	1.46	0.56	30.86	11.94	148	12
Jefferson	89	53	71	3	0.18	-0.66	31.10	10.64	147	8
Logan	91	51	72	2	1.40	0.57	29.18	10.60	156	10
Rockwell City	88	53	70	1	0.56	-0.34	31.19	11.81	141	5
Sac City	88	52	69	1	1.20	0.29	29.57	10.58	138	8
Sioux City	92	53	73	3	2.18	1.48	23.01	7.25	164	24
Central District										
Boone	90	51	71	3	0.01	-0.91	36.03	15.43	151	11
Des Moines	91	57	75	4	0.01	-0.95	37.68	18.48	175	22
Grundy Center	89	48	70	3	0.00	-0.80	33.87	14.01	139	10
Marshalltown	89	48	71	4	0.01	-1.04	31.86	11.24	148	15
Newton	89	54	71	2	0.00	-0.91	43.35	23.95	150	0
Perry	92	52	72	4	0.02	-0.89	34.72	15.11	152	17
Toledo	89	49	69	2	0.00	-0.98	25.36	4.48	137	9
East Central District										
Cedar Rapids	85	51	70	1	0.00	-0.92	27.66	8.37	138	-1
Davenport	85	50	70	-2	0.00	-0.93	30.38	11.22	141	-18
Iowa City	87	53	71	-2	0.00	-0.98	27.91	6.60	149	-10
Lowden	85	48	68	-1	0.00	-1.05	28.15	6.75	129	-1
Maquoketa	83	49	67	-2	0.00	-1.05	26.39	7.04	121	-9
Muscatine	86	53	70	-2	0.00	-0.91	36.53	16.61	142	-11
South West District										
Atlantic	91	50	71	3	0.38	-0.48	31.77	13.63	148	9
Clarinda	90	48	70	-1	0.18	-0.87	24.00	2.25	142	0
Glenwood	91	53	72	1	1.76	0.85	24.94	5.12	155	0
Red Oak	90	51	72	0	0.90	-0.11	29.25	7.82	158	13
Sidney	90	58	73	2	0.83	-0.13	20.70	0.32	160	5
South Central District										
Allerton	89	55	71	2	0.00	-0.99	40.21	19.94	147	4
Beaconsfield	90	55	71	1	0.00	-0.93	29.50	9.81	149	1
Chariton	89	49	69	-2	0.00	-0.99	42.33	21.74	137	-5
Indianola	91	52	71	2	0.00	-0.91	41.54	21.72	152	13
Leon	89	50	69	-2	0.01	-1.04	34.19	13.61	138	-2
South East District										
Bloomfield	88	53	71	-2	0.00	-1.05	37.45	16.85	147	-3
Burlington	89	55	73	3	0.00	-0.91	37.62	18.42	165	7
Ottumwa	88	51	70	-2	0.00	-0.91	40.58	21.48	145	-11
Washington	89	50	70	-3	0.00	-0.85	39.35	20.62	140	-11

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.