



# Iowa Crops & Weather

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## RELIEF AT LAST

**Agricultural Summary:** The final days of June created flooding concerns as heavy rains in the north pushed rivers near levels witnessed in 2008. While most areas escaped flooding, flash floods in West Central Iowa completely destroyed some crops and Southeast Iowa reported the Des Moines River overflowing its banks and damaging crops. After rain over the weekend of June 26th and 27th, Iowa finally received a break from the consistent rain showers. Cropland was able to dry and crops grew rapidly in the hot and humid weather. The dry week allowed farmers to catch up with much needed field work. Operators concentrated on applying herbicides to soybean fields highly populated with weeds. Along with spraying, many producers finished up harvesting their first cutting of alfalfa, while others were completing second cuttings.

Dry days last week helped field conditions but many areas still suffering the negative effects of excess moisture. In low-lying fields where ponding occurred, corn and soybeans have been stunted or completely drowned out. Many places where crops were killed have already been re-planted; however sections that are still too wet may not be able to be re-planted. Aside from ponded areas, corn and soybeans are mostly in good condition as corn is beginning to tassel and soybeans are blooming. Oats are also rated in mostly good condition and are continuing to turn color as they approach maturity.

There were 4.6 days suitable for fieldwork during the week, compared with 2.0 days the previous week and the highest number of days suitable since the week ending May 30th. Northwest Iowa was the only district reporting less than 4 days suitable, with 3.4 days. Topsoil moisture rated 0 percent very short, 1 percent short, 53 percent adequate, and 46 percent surplus across the state. Subsoil moisture rated 0 percent very short, 0 percent short, 50 percent adequate, and 50 percent surplus.

**Field Crops Report:** Early planted corn reached 8 percent tasseled and has just begun to silk. Corn is rated 4 percent very poor, 8 percent poor, 23 percent fair, 47 percent good, and 18 percent excellent. Twenty-seven percent of the soybean crop has begun blooming, compared to 20 percent last year and 25 percent for the five-year average. Areas in the southern third of Iowa have yet to be planted, thus emergence is

behind normal as well. Soybean condition rated 4 percent very poor, 8 percent poor, 24 percent fair, 49 percent good, and 15 percent excellent. Nearly all the oat acreage has headed, and 52 percent has turned color, ahead of last year's 29 percent and the five-year average of 41 percent. Oat condition rated 2 percent very poor, 6 percent poor, 19 percent fair, 58 percent good, and 15 percent excellent. Ninety-three percent of the first cutting of alfalfa hay has been harvested, ahead of last year's 91 percent, but behind the five-year average of 96 percent. With just 7 percent of the first cutting still to be harvested, 34 percent of the second cutting has been completed, ahead of both last year and the five-year average. All hay condition rated 3 percent very poor, 10 percent poor, 29 percent fair, 46 percent good, and 12 percent excellent.

**Livestock, Pasture and Range Report:** Pasture and range condition rated 1 percent very poor, 4 percent poor, 22 percent fair, 53 percent good, and 20 percent excellent. Pastures continue to be in good to excellent condition. Cattle are beginning to become stressed as temperatures remain high.

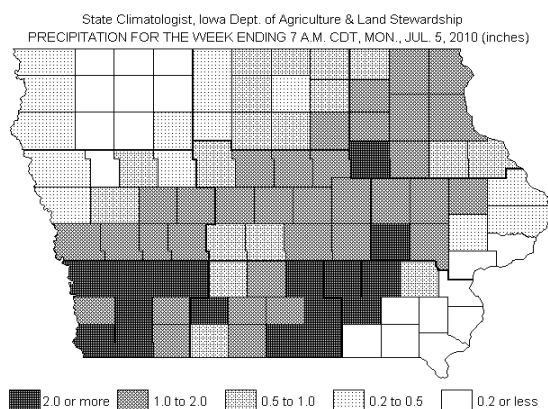
## IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

A very welcome period of dry weather prevailed statewide until rain moved into western Iowa on Saturday (3<sup>rd</sup>) night and spread statewide by Monday (5<sup>th</sup>) morning. The reporting week began with high temperatures from Monday (28<sup>th</sup>) through Thursday (1<sup>st</sup>) ranging from the mid to upper 70's north to low to mid 80's south and gradually warmed to the 80's statewide, with a few scattered 90's, over the weekend. Temperature extremes varied from Tuesday (29<sup>th</sup>) morning lows of 46 degrees at Cresco and Elkader to a Saturday (3<sup>rd</sup>) afternoon high of 91 degrees at Ankeny. Temperatures for the week as a whole averaged 1.4 degrees below normal. Rainfall amounts of one to two inches were widespread over southwest, central and northeast Iowa over the late weekend with torrential rains over a small portion of south central Iowa. Only light rain fell over the northwest one-quarter of Iowa and over the extreme southeast. Weekly rain totals varied from only a trace at Burlington, Davenport and Estherville to 6.89 inches at Lake Rathbun Dam. The statewide average rainfall was 1.11 inches or just slightly more than the weekly normal of 1.02 inches.

## Statewide Crop Conditions as of July 4, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn .....	4	8	23	47	18
Soybeans .....	4	8	24	49	15
Oats .....	2	6	19	58	15
Hay, all .....	3	10	29	46	12
Range & Pasture ..	1	4	22	53	20

## PRELIMINARY IOWA PRECIPITATION



## Field Work and Crop Progress as of July 4, 2010

Item	Districts									State	Last Week	Last Year	5-yr Avr
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn tasseled .....	2	1	2	8	10	17	13	13	20	8	0	NA	NA
Soybeans bloomed .....	40	30	31	24	33	20	17	19	11	27	6	20	25
Oats headed .....	100	100	97	99	100	100	98	96	91	98	89	91	93
Oats turned color .....	53	53	46	50	45	75	48	47	56	52	19	29	41
Hay, alfalfa - first crop harvested .....	100	99	97	99	96	100	97	83	85	93	78	91	96
Hay, alfalfa - second crop harvested ....	69	43	37	55	45	38	13	16	34	34	8	19	24

**Days Suitable & Soil Moisture Condition as of July 4, 2010**

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable .....	(Days) 3.4	(Days) 4.8	(Days) 4.8	(Days) 4.8	(Days) 4.0	(Days) 5.4	(Days) 4.8	(Days) 5.8	(Days) 4.4	(Days) 4.6	(Days) 2.0	(Days) 5.0
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short .....	0	0	0	0	0	0	0	0	0	0	0	0
Short .....	0	1	0	0	0	1	7	0	0	1	0	6
Adequate .....	82	67	59	59	38	47	33	32	46	53	40	80
Surplus .....	18	32	41	41	62	52	60	68	54	46	60	14
Subsoil moisture												
Very short .....	0	0	0	0	0	0	0	0	0	0	0	1
Short .....	0	0	0	0	0	0	0	0	0	0	0	4
Adequate .....	76	66	60	54	35	43	38	22	47	50	41	79
Surplus .....	24	34	40	46	65	57	62	78	53	50	59	16

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.  
For the week ending: Sunday, July 4, 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 .....	89	52	71	1	0.00	-0.88	12.93	2.25	150	4
Sioux Center .....	88	52	72	-2	0.21	-0.74	13.54	2.69	156	-9
Spencer .....	89	52	72	0	0.01	-0.90	12.65	1.98	153	0
Spirit Lake .....	88	55	73	2	0.25	-0.71	10.84	0.43	160	11
North Central District										
Britt .....	87	54	69	-4	0.01	-1.04	13.37	1.73	138	-9
Humboldt .....	88	54	71	-3	0.00	-1.05	18.43	6.47	146	-10
Mason City .....	88	49	70	-3	0.02	-1.02	13.13	0.97	138	-13
Osage .....	86	52	69	-4	0.05	-0.93	17.23	5.13	132	-11
North East District										
Decorah .....	87	47	69	-3	0.32	-0.66	13.86	1.79	134	-15
Dubuque .....	85	53	69	-3	0.09	-0.82	18.30	5.67	133	-16
Elkader .....	86	46	67	-5	0.06	-0.85	19.86	8.31	123	-22
Fayette .....	86	50	68	-5	0.03	-0.98	17.43	5.16	126	-14
Waterloo .....	88	51	70	-3	0.03	-1.09	17.50	5.01	142	-18
West Central District										
Carroll .....	87	55	71	-3	0.04	-1.06	16.56	3.40	149	-12
Castana .....	85	56	71	-4	0.25	-0.63	12.34	0.47	146	-24
Guthrie Center .....	87	54	72	-2	0.10	-0.87	26.32	13.46	157	-9
Harlan .....	87	55	72	-3	0.00	-0.96	17.97	5.57	154	-7
Jefferson .....	86	55	71	-3	0.07	-1.03	16.67	3.51	146	-17
Logan .....	87	56	72	-4	0.32	-0.60	18.99	6.72	155	-15
Rockwell City .....	86	56	70	-4	0.00	-1.05	16.77	4.81	144	-17
Sac City .....	85	55	70	-3	0.00	-0.96	13.29	1.11	142	-11
Sioux City .....	88	53	74	-1	0.34	-0.47	9.63	-0.54	168	4
Central District										
Boone .....	87	54	71	-3	0.00	-1.05	18.49	4.89	146	-13
Des Moines .....	90	60	75	-1	0.00	-0.94	22.89	10.89	176	3
Grundy Center .....	87	53	69	-3	0.06	-0.99	17.04	4.60	137	-17
Marshalltown .....	88	53	71	-2	0.05	-1.00	17.69	5.13	150	-11
Newton .....	90	57	72	-3	0.01	-0.94	22.03	9.51	153	-18
Perry .....	88	55	72	-1	0.07	-0.92	18.62	5.92	157	-6
Toledo .....	87	53	70	-3	0.00	-1.05	15.08	2.28	139	-15
East Central District										
Cedar Rapids .....	87	55	71	-3	0.11	-0.91	16.37	4.35	147	-17
Davenport .....	88	54	71	-4	0.02	-0.94	18.65	6.84	148	-29
Iowa City .....	89	57	72	-4	0.10	-1.02	17.24	4.33	157	-25
Lowden .....	88	50	69	-4	0.05	-1.02	19.47	6.18	137	-19
Maquoketa .....	86	52	68	-5	0.06	-0.89	15.61	3.46	123	-33
Muscatine .....	88	58	71	-4	0.09	-0.96	22.33	9.95	151	-25
South West District										
Atlantic .....	87	54	72	-2	0.05	-0.86	20.84	9.28	157	-9
Clarinda .....	85	54	71	-5	0.01	-1.11	16.37	3.10	148	-19
Glenwood .....	87	56	72	-4	0.10	-0.87	13.55	0.64	156	-21
Red Oak .....	88	57	74	-3	0.02	-1.11	17.78	4.04	166	-5
Sidney .....	87	57	73	-4	0.41	-0.64	13.52	1.31	163	-15
South Central District										
Allerton .....	88	57	72	-2	0.16	-0.89	26.44	14.06	155	-11
Beaconsfield .....	86	58	71	-3	0.00	-1.05	23.09	10.87	152	-13
Chariton .....	89	51	71	-3	0.00	-1.12	22.96	9.93	150	-11
Indianola .....	89	55	72	-2	0.00	-1.00	26.48	13.62	157	-1
Leon .....	85	54	70	-4	0.06	-0.87	24.18	11.32	143	-17
South East District										
Bloomfield .....	88	57	72	-4	0.03	-0.95	22.97	10.55	155	-15
Burlington .....	90	62	75	0	0.08	-0.90	26.52	14.62	179	3
Ottumwa .....	89	57	72	-4	0.05	-0.93	18.78	7.17	159	-21
Washington .....	89	56	72	-4	0.03	-0.95	23.42	11.72	155	-17

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.