



Iowa Crops & Weather

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TORRENTIAL RAINS AND FLOODING

Agricultural Summary: Thunderstorms brought heavy rain to Central Iowa early in the week, causing several flooding issues. Jasper, Polk, and Story counties were hit hardest with localities accumulating over 7 inches of rain. Flood waters were responsible for closing roads, forcing cities to turn off water sources, and drowning out field crops. While Central Iowa battled flooding, parts of Southwest Iowa are becoming dry, and could use rain before stress is put on crops. Aside from locally heavy rains, Iowa witnessed high temperatures and humidity, ideal for developing crops, but stressful for livestock.

Crops throughout Iowa remain in mostly good condition, even with areas experiencing excess rain and flooding last week. Iowa's corn and soybean crops continued to progress ahead of normal with the assistance of hot and humid weather. The forecast for the upcoming week calls for drier days and slightly cooler temperatures which will be good for crop development and overall crop condition. Although aphid numbers remain low, cases of sudden death syndrome and white mold have been reported. Frequent rains have contributed to excellent hay growth but have made harvest difficult. As crops approach maturity, soil moisture is believed to be high enough to get us through the growing season; however it could lead to a muddy harvest.

There were 3.5 days suitable for fieldwork last week, compared with 4.3 days the previous week. Southwest Iowa, at 6.4 days suitable, reported the highest number of days suitable in the state. Northeast Iowa reported the next highest number of days, at 4.4 days suitable, while Central Iowa reported the lowest with 1.9 days suitable. Topsoil moisture rated 0 percent very short, 2 percent short, 59 percent adequate, and 39 percent surplus across the state. Subsoil moisture rated 0 percent very short, 1 percent short, 54 percent adequate, and 45 percent surplus.

Field Crops Report: Ninety-three percent of corn acres have reached milk stage, 70 percent have entered dough stage, and 27 percent of the crop have started to dent; all three remain ahead of last year and the five-year average. Corn condition decreased slightly to 4 percent very poor, 8 percent poor, 20 percent fair, 43 percent good, and 25 percent excellent. Nearly all the soybean crop has bloomed. Pods have set on 91 percent of the soybean acres, 4 days ahead of last year and 2 days ahead of the five-year average. Soybean condition also decreased slightly with 3 percent very poor, 8 percent poor, 20 percent fair, 44 percent good, and 25 percent excellent. Oats harvested for grain increased 4 percentage points last week to 98 percent complete, 7 days ahead of last year and 3 days ahead of the five-year average. Ninety-

one percent of the second cutting of alfalfa has been completed, behind the 94 percent completed last year and the five-year average of 97 percent. Alfalfa third cutting progressed to 48 percent complete, ahead of last year and the five-year average. All hay condition rated 5 percent very poor, 11 percent poor, 28 percent fair, 43 percent good, and 13 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 5 percent poor, 25 percent fair, 49 percent good, and 20 percent excellent. Pastures have benefited from continuous rainfalls this growing season and remained productive. However, last week's excessive rains were too much for some, as pasture damage was reported.

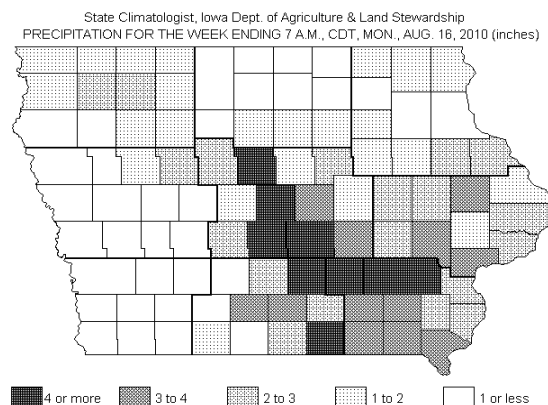
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

Iowa endured another hot humid and wet week. Thunderstorms were widespread on Monday (9th) and Tuesday (10th) nights. Heaviest rains on these two nights (as well as Sunday (8th) night of the previous reporting week) were centered upon central Iowa. Record flooding resulted over much of the upper and middle portions of the Skunk River basin and in many smaller watersheds. Dry weather prevailed over most of the state on Wednesday (11th) and Thursday (12th). Thunderstorms were widespread over the southeast one-half of Iowa on Friday (13th) while dry weather prevailed over the weekend. Weekly rain totals of three inches or more were common from a Fort Dodge to Centerville line eastward to Anamosa and Muscatine. Ankeny reported the most rain with 7.00 inches. Meanwhile little to no rain fell over portions of west central and southwest Iowa with Onawa, Denison, Logan and Harlan all dry. The statewide average precipitation was 1.72 inches or nearly double the weekly normal of 0.96 inches. Temperatures were well above normal from Monday through Saturday but finally dipped below normal on Sunday (15th). Actual temperatures reached into the low to mid 90's from Monday through Thursday over central and southern Iowa while official heat indices peaked at 112 degrees at Omaha-Council Bluffs on Monday and at Burlington on Tuesday. Temperature extremes for the week ranged from an afternoon high of 97 degrees at Onawa on Wednesday to a Monday (16th) morning low of 49 degrees at Sibley. Temperatures for the week as a whole averaged 5.7 degrees above normal. This was the eleventh consecutive wetter than normal week and twelfth of the past thirteen to average warmer than usual.

Statewide Crop Conditions as of August 15, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn	4	8	20	43	25
Soybeans	3	8	20	44	25
Hay, all	5	11	28	43	13
Range & Pasture ..	1	5	25	49	20

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of August 15, 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 milk stage	95	97	88	94	96	92	92	88	88	93	81	70	81
Corn in or past dough stage	61	80	63	78	82	65	58	63	59	70	38	25	47
Corn in or past dent stage	21	22	17	37	40	28	20	28	22	27	4	3	13
Soybeans setting pods	96	94	84	94	95	88	87	80	80	91	82	87	89
Oats harvested for grain	95	99	100	99	99	99	99	97	94	98	94	95	96
Hay, alfalfa - second crop harvested	100	97	100	99	99	100	99	68	90	91	88	94	97
Hay, alfalfa - third crop harvested	63	51	68	46	35	62	32	30	45	48	29	30	39

Days Suitable & Soil Moisture Condition as of August 15, 2010

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	(Days) 3.1	(Days) 4.0	(Days) 4.4	(Days) 3.6	(Days) 1.9	(Days) 3.1	(Days) 6.4	(Days) 3.2	(Days) 2.6	(Days) 3.5	(Days) 4.3	(Days) 4.9
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short	0	0	0	0	0	0	4	0	0	0	0	1
Short	0	2	0	0	0	0	16	2	0	2	2	9
Adequate	68	76	70	51	35	77	68	39	39	59	60	79
Surplus	32	22	30	49	65	23	12	59	61	39	38	11
Subsoil moisture												
Very short	0	0	0	0	0	0	4	0	0	0	0	1
Short	1	2	0	0	0	0	5	0	0	1	1	7
Adequate	66	80	69	42	25	60	61	35	39	54	56	83
Surplus	33	18	31	58	75	40	30	65	61	45	43	9

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: Sunday, August 15, 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	91	59	77	8	1.35	0.51	21.70	6.29	192	52
Sioux Center	91	56	77	5	2.12	1.39	27.34	11.96	187	28
Spencer	92	59	78	7	4.01	3.10	21.60	5.39	195	45
Spirit Lake	92	58	77	7	1.71	0.90	18.96	3.64	191	42
North Central District										
Britt	91	58	78	7	1.07	0.30	20.89	3.77	198	57
Humboldt	92	60	79	8	3.09	2.23	32.82	15.27	201	52
Mason City	91	59	79	9	1.00	0.09	19.26	1.46	204	58
Osage	90	58	77	7	2.10	1.12	25.71	7.76	191	48
North East District										
Decorah	92	59	78	7	2.01	1.10	25.68	8.26	199	48
Dubuque	89	65	78	8	2.92	1.88	34.18	15.89	197	51
Elkader	91	60	77	7	1.20	0.22	36.30	18.96	192	45
Fayette	90	60	77	7	1.45	0.47	30.57	12.31	193	56
Waterloo	91	61	80	9	2.64	1.81	31.76	13.22	209	53
West Central District										
Carroll	92	61	79	8	2.44	1.60	27.55	8.77	204	43
Castana	93	59	79	6	0.18	-0.59	20.68	4.39	203	34
Guthrie Center	93	59	80	8	2.19	1.24	38.42	20.46	210	49
Harlan	92	60	80	7	1.14	0.37	28.70	11.48	209	52
Jefferson	91	61	79	8	5.07	4.23	30.17	11.39	204	44
Logan	94	57	80	7	0.04	-0.73	27.07	10.09	213	47
Rockwell City	91	61	79	7	4.76	3.90	30.55	12.91	204	47
Sac City	90	60	77	6	4.10	3.26	28.17	10.96	189	38
Sioux City	94	58	79	6	1.73	1.10	20.67	6.26	206	43
Central District										
Boone	92	60	79	8	6.23	5.32	35.43	16.66	206	48
Des Moines	95	65	83	8	6.52	5.56	36.77	19.51	230	56
Grundy Center	91	61	79	9	2.50	1.66	33.68	15.46	204	54
Marshalltown	91	61	80	9	4.78	3.73	31.49	12.97	209	54
Newton	95	63	80	7	7.20	6.36	42.36	24.75	208	37
Perry	95	62	81	9	4.40	3.50	33.85	16.06	217	61
Toledo	92	61	78	7	2.17	1.12	25.10	6.25	200	50
East Central District										
Cedar Rapids	89	65	79	7	2.99	2.08	26.80	9.34	202	42
Davenport	91	68	80	7	2.48	1.50	30.02	12.77	209	31
Iowa City	91	67	81	7	2.64	1.66	27.18	7.83	215	36
Lowden	91	65	79	8	2.97	1.93	27.26	7.96	204	54
Maquoketa	89	65	77	7	3.04	2.06	25.96	8.68	194	43
Muscatine	92	67	80	6	3.99	3.09	35.46	17.30	208	37
South West District										
Atlantic	94	58	80	9	0.14	-0.63	29.73	13.25	215	56
Clarinda	96	58	81	8	0.40	-0.58	23.42	3.70	215	53
Glenwood	94	60	81	8	0.35	-0.49	21.02	3.00	219	45
Red Oak	94	61	82	8	0.01	-0.91	27.20	7.76	227	62
Sidney	94	62	82	8	0.08	-0.90	19.25	0.76	223	50
South Central District										
Allerton	95	64	81	8	2.94	2.03	40.02	21.69	216	53
Beaconsfield	93	62	79	6	1.69	0.83	29.34	11.49	208	40
Chariton	94	64	81	8	4.85	4.01	42.85	24.16	216	52
Indianola	94	63	80	8	1.62	0.78	40.36	22.33	212	52
Leon	92	64	80	7	1.65	0.65	33.55	15.07	211	48
South East District										
Bloomfield	94	66	81	7	5.49	4.51	36.61	18.09	217	46
Burlington	96	71	83	10	3.21	2.37	36.99	19.56	233	58
Ottumwa	92	65	80	6	5.58	4.74	36.02	18.67	212	36
Washington	93	66	80	6	5.61	4.80	38.73	21.69	213	42

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.