



Iowa Crops & Weather

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COOLER CONDITIONS CONTINUE

Agricultural Summary: Iowa experienced another week of cool weather last week, as average high temperatures for much of the state were in the mid-seventies. Along with average lows dipping into the mid-fifties, Iowa witnessed several rain showers throughout the week. South Central Iowa received the largest amounts, as thunderstorms over the weekend brought heavy rains totaling over 6 inches in some locations. While heavy rains fell in the south, most of Iowa received around an inch or less. Rainfall amounts were enough to create muddy field conditions and limit farmers' activity. However, producers were able to harvest some corn and soybean acres early in the week.

The wet, cool weather slowed crop development after several weeks of rapidly maturing and drying. Concerns of crops maturing too quickly and affecting final grain weight are being reported. Crop progress continues to be ahead of normal, as conditions remain mostly good. Early planted corn harvest continued with reports of better production coming from sloped fields. The same can be said for soybeans, with low-lying areas of fields causing yields to be cut because of drown out. Aside from corn and soybean harvest, operators are making one final cutting of alfalfa, but are having difficulty harvesting due to recent weather conditions.

There were 4.8 days suitable for fieldwork last week compared to 5.4 days the previous week. All but Northwest Iowa, at 3.8 days suitable, reported 4.5 days or more with East Central Iowa reporting the highest number of days, at 5.5 days suitable. Topsoil moisture rated 0 percent very short, 4 percent short, 78 percent adequate, and 18 percent surplus across the state. Subsoil moisture rated 0 percent very short, 4 percent short, 78 percent adequate, and 18 percent surplus.

Field Crops Report: Nearly all corn acres have dented, 79 percent have reached maturity, and 6 percent has been harvested; all three are at least 8 days ahead of last year and the five-year average. Moisture content of all corn in the field is estimated at 25 percent, while moisture content of corn being harvested is estimated at 21 percent. Corn lodging is rated 78 percent none, 19 percent light, 3 percent moderate, and 0 percent heavy. Ear droppage is rated 84 percent none, 14 percent light, 2 percent moderate, and 0 percent heavy. Corn condition rated 4 percent very poor, 8 percent poor, 20 percent fair, 47 percent good, and 21 percent excellent. Eighty-nine percent of the soybean acres have turned color, ahead of last year's 84 percent and the five-year average of 87 percent. Leaves have begun to drop in 57 percent of the soybean acres, 3 days ahead

of last year and equal to the five-year average. Soybean condition rated 3 percent very poor, 7 percent poor, 20 percent fair, 49 percent good, and 21 percent excellent. Alfalfa third cutting increased 3 percentage points to 95 percent complete, ahead of the 89 percent completed last year and the five-year average of 92 percent. All hay condition rated 4 percent very poor, 8 percent poor, 25 percent fair, 48 percent good, and 15 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 2 percent very poor, 5 percent poor, 28 percent fair, 48 percent good, and 17 percent excellent. Recent weather conditions have been beneficial for livestock after a summer of high heat and humidity.

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

As is typical for the season the past week saw highly variable weather across Iowa. Temperatures were generally above normal from Monday (13th) through Wednesday (15th) with daytime highs generally in the mid 70's to mid 80's. Temperatures were well below normal on Thursday (16th), Saturday (18th) and Sunday (19th) with highs mostly in the 50's and 60's. Friday (17th) averaged near normal with highs in the upper 60's northeast to mid 80's southwest. Temperature extremes for the week varied from a Monday afternoon high of 91 degrees at Glenwood to a Saturday morning low of 39 degrees at Sibley. Temperatures for the week as a whole averaged 0.4 degrees below normal. The reporting week began with showers and thunderstorms over the southwest one-half of the state with locally heavy rain over parts of south central Iowa. Dry weather prevailed on Tuesday while Wednesday saw scattered thunderstorms over the northwest half of the state. Thursday and Friday were mostly dry while rain fell statewide on Saturday with torrential downpours and some severe hail over portions of southwest Iowa. Finally, rain fell nearly statewide on Sunday with amounts mostly on the light side. Weekly rain totals varied from only 0.12 inches at Kanawha in Hancock County to 6.90 inches at Mount Ayr. The statewide average precipitation was 1.24 inches while normal for the week is 0.79 inches. There were a few reports of large hail across west central Iowa on Monday afternoon as well as some hail and high wind reports over the northwest on Wednesday evening. However, the largest hail came on Saturday night with scattered damage from eastern Pottawattamie County southeastward to the Clarinda, Bedford and Mount Ayr areas.

Statewide Crop Conditions as of September 19, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn	4	8	20	47	21
Soybeans	3	7	20	49	21
Hay, all	4	8	25	48	15
Range & Pasture	2	5	28	48	17

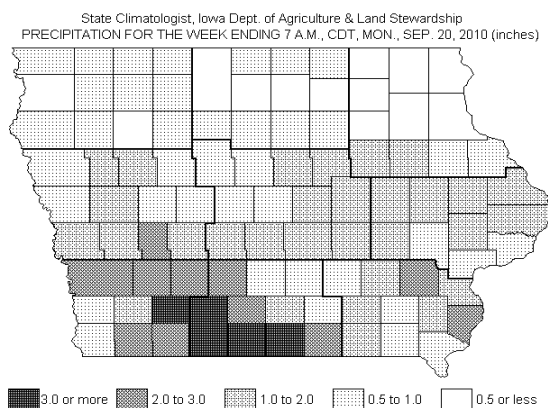
Statewide Harvesting Conditions as of September 19, 2010

Item	None (Percent)	Light (Percent)	Moderate (Percent)	Heavy (Percent)
Corn lodging	78	19	3	0
Corn ear droppage	84	14	2	0
Soybeans lodging	83	15	2	0
Soybeans shattering	89	10	1	0

Field Work and Crop Progress as of September 19, 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 mature (safe from frost)	64	88	68	81	92	91	75	62	79	79	62	20	49
Corn harvested (grain or seed)	2	5	5	4	9	7	5	3	12	6	3	0	2
Soybean leaves turning color	96	97	92	85	96	90	79	74	74	89	74	84	87
Soybeans dropping leaves	65	77	64	53	74	54	37	25	32	57	32	45	57
Hay, alfalfa - third crop harvested	97	97	99	95	96	98	98	90	92	95	92	89	92

PRELIMINARY IOWA PRECIPITATION



Days Suitable & Soil Moisture Condition as of September 19, 2010

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	(Days) 3.8	(Days) 5.0	(Days) 5.4	(Days) 4.7	(Days) 4.9	(Days) 5.5	(Days) 4.5	(Days) 4.9	(Days) 4.9	(Days) 4.8	(Days) 5.4	(Days) 6.9
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short	0	1	0	0	0	1	1	0	0	0	1	9
Short	1	7	7	6	3	3	5	1	1	4	7	30
Adequate	91	91	83	78	56	93	78	61	64	78	82	59
Surplus	8	1	10	16	41	3	16	38	35	18	10	2
Subsoil moisture												
Very short	0	1	0	0	1	0	0	0	0	0	1	5
Short	1	7	9	4	4	1	1	1	0	4	4	17
Adequate	84	90	88	84	64	87	83	60	53	78	80	75
Surplus	15	2	3	12	31	12	16	39	47	18	15	3

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: Sunday, September 19, 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	85	42	60	1	0.65	-0.14	24.56	5.00	71	-1	
Sioux Center	85	41	62	0	0.22	-0.48	30.93	11.81	88	-8	
Spencer	86	45	61	0	0.65	-0.12	25.39	4.96	77	-2	
Spirit Lake	77	42	60	1	0.86	0.09	22.07	2.66	73	-7	
	North Central District										
Britt	83	45	60	-3	0.51	-0.33	23.09	1.83	74	2	
Humboldt	84	45	61	-1	1.22	0.38	37.44	15.57	83	-3	
Mason City	85	45	61	1	0.26	-0.65	21.25	-1.27	78	1	
Osage	82	47	60	-2	0.46	-0.52	29.10	5.99	73	0	
	North East District										
Decorah	78	44	62	-2	0.38	-0.54	28.20	6.07	82	-4	
Dubuque	83	44	63	2	0.76	-0.35	36.05	12.08	93	11	
Elkader	84	44	61	-2	0.33	-0.51	38.47	16.56	77	-5	
Fayette	86	46	62	1	0.45	-0.43	33.27	10.29	87	19	
Waterloo	87	47	64	2	0.72	-0.12	34.90	12.30	98	11	
	West Central District										
Carroll	86	42	63	1	0.71	-0.13	30.83	7.81	92	1	
Castana	86	43	63	0	0.97	0.13	25.20	4.68	97	-8	
Guthrie Center	86	46	63	-1	2.50	1.61	42.76	20.03	90	-5	
Harlan	85	46	64	1	2.12	0.98	35.12	12.89	100	12	
Jefferson	85	45	63	2	0.95	0.11	33.51	10.49	96	0	
Logan	88	47	65	2	0.95	0.06	31.82	10.58	109	10	
Rockwell City	84	45	62	-2	1.24	0.33	33.71	11.60	87	-2	
Sac City	83	43	61	-2	1.45	0.54	31.72	10.00	84	2	
Sioux City	87	47	65	2	0.43	-0.27	24.12	6.26	105	14	
	Central District										
Boone	85	44	63	0	0.79	-0.05	39.44	16.19	94	-4	
Des Moines	87	50	68	4	0.87	0.04	40.87	19.06	127	22	
Grundy Center	86	44	63	3	1.37	0.60	37.94	15.63	92	8	
Marshalltown	86	47	65	4	1.09	0.23	35.92	12.51	107	21	
Newton	86	48	65	2	2.05	1.08	49.40	27.08	106	3	
Perry	87	46	64	3	1.32	0.54	37.62	15.54	101	12	
Toledo	84	46	63	2	0.62	-0.24	27.61	3.98	93	11	
	East Central District										
Cedar Rapids	84	46	65	3	1.66	0.73	32.01	9.83	108	13	
Davenport	86	45	67	3	0.29	-0.48	32.33	10.67	124	9	
Iowa City	85	49	68	2	1.00	0.09	30.75	6.58	125	8	
Lowden	87	45	64	2	1.12	0.10	30.76	6.24	99	13	
Maquoketa	84	44	63	2	0.71	-0.28	28.34	5.90	91	9	
Muscatine	86	49	66	1	1.11	0.20	39.37	16.72	114	3	
	South West District										
Atlantic	87	47	65	3	2.16	1.16	34.76	13.68	105	9	
Clarinda	86	47	65	2	4.67	3.62	30.73	5.78	107	11	
Glenwood	91	47	66	2	0.67	-0.24	26.54	3.92	114	3	
Red Oak	86	50	67	2	0.50	-0.55	30.35	5.71	118	15	
Sidney	86	49	67	2	0.36	-0.59	24.87	1.58	117	5	
	South Central District										
Allerton	85	51	66	2	4.86	3.75	50.17	26.61	112	12	
Beaconsfield	85	51	65	2	5.67	4.62	36.85	14.06	109	8	
Chariton	83	47	65	2	1.78	0.57	45.91	21.80	105	12	
Indianola	85	49	65	3	1.14	0.23	44.52	21.97	109	17	
Leon	85	49	65	2	2.64	1.65	39.51	15.84	107	16	
	South East District										
Bloomfield	85	50	67	2	0.99	-0.11	43.49	19.56	119	16	
Burlington	90	49	70	5	2.61	1.63	43.35	21.23	139	23	
Ottumwa	83	50	67	2	1.11	0.07	44.30	22.13	119	10	
Washington	87	47	65	-2	1.89	0.91	44.92	23.30	108	3	

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.