

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending October 14, 2007

WET FIELDS

Agricultural Summary: Despite weekend rains, harvest progressed with 15 percent of the corn and 13 percent of the soybeans being harvested, bringing the total harvested of corn to 37 percent and soybeans to 71 percent. By the end of the week, the ground was unable to support harvest equipment with full loads and many farmers got stuck in wet fields. Many farmers harvested around extreme wet spots to get in what they could. Some areas were able to get some fertilizer applied, tillage done, and manure spread in harvested fields. Pastures continue to thrive with abundant soil moisture. Cattle lots are muddy and the damp cool weather is causing some stress on livestock.

There were 4.0 days suitable for fieldwork, compared to 5.9 days a year ago. Topsoil moisture rated zero percent very short, 2 percent short, 60 percent adequate, and 38 percent surplus across the State. Subsoil moisture rated 1 percent very short, 3 percent short, 67 percent adequate, and 29 percent surplus.

Field Crops Report: Thirty-seven percent of the corn has been harvested, 8 percentage points ahead of both last year's progress and the five-year average. Statewide, the percent moisture of corn in the field is 19 percent, with harvested corn moisture averaging 17 percent. Corn condition rated 2 percent very poor, 6 percent poor, 19 percent fair, 53 percent good, and 20 percent excellent. Seventy-one percent of the soybeans have been harvested, 13 percentage points behind last year's harvest at this time and 11 percentage points behind the five-year average. Soybean condition rated 1 percent very poor, 4 percent poor, 20 percent fair, 56 percent good, and 19 percent excellent.

Livestock and Pasture Report: Pasture condition rated 2 percent very poor, 7 percent poor, 26 percent fair, 52 percent good, and 13 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past work week began with rain over most of the state on Monday (8th) morning. A welcome period of dry weather followed from Monday afternoon until late Friday (12th) when showers and thunderstorms began to move back into western Iowa. Rain fell over western Iowa on Saturday (13th) and statewide on Sunday (14th). The rains were very heavy over a large part of southwestern Iowa on Sunday. Weekly rain totals varied from only 0.05 inches at Burlington to over six inches at Red Oak (6.02), Randolph (6.02) and Adair (6.10). The statewide average precipitation was 1.59 inches or more than double the weekly normal of 0.67 inches. This month already ranks as the second wettest October on record in the southwest crop district with one-half of the month remaining. Temperature extremes for the week ranged from a Tuesday (9th) afternoon high of 82 degrees at Burlington to a Thursday (11th) morning low of 32 degrees at Cresco. Cresco's Thursday low was the first 32 degree reading in the state since the early freeze on September 15. Temperatures averaged a little above normal on Monday (8th), Tuesday (9th), Saturday (13th) and Sunday (14th) and a little below normal from Wednesday through Friday. Temperatures for the week as a whole averaged 0.9 degrees above normal.

Statewide Crop Conditions as of October 14, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	6	19	53	20
Range & Pasture	2	7	26	52	13
Soybeans	1	4	20	56	19

Statewide Harvesting Conditions as of October 14, 2007

Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn lodging	53	28	13	6
Corn ear droppage	75	16	8	1
Soybeans lodging	74	19	6	1
Soybeans shattering	72	20	6	2

State Post-Harvest Conditions as of October 14, 2007

Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Grain movement	24	33	24	19

Field Work and Crop Progress as of October 14, 2007

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	<i>Percent</i>													
Corn harvested (grain or seed)	30	46	44	30	34	42	30	22	49	37	22	29	29	
Soybeans harvested	82	94	71	67	84	71	39	29	56	71	58	84	82	

Days Suitable & Soil Moisture Condition as of October 14, 2007

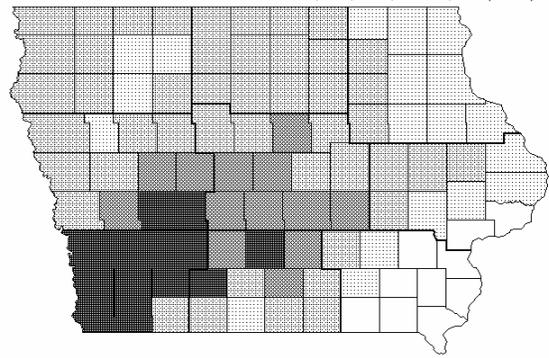
Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Days</i>												
Days suitable	3.4	4.2	3.3	3.4	4.3	4.7	4.1	3.9	5.5	4.0	4.0	5.9	
	<i>Percent</i>												
Topsoil moisture													
Very short	3	0	0	0	0	0	0	0	0	0	0	6	
Short	5	1	0	0	0	3	4	0	10	2	2	21	
Adequate	41	66	63	49	59	79	47	57	82	60	73	70	
Surplus	51	33	37	51	41	18	49	43	8	38	25	3	
Subsoil moisture													
Very short	6	0	0	0	0	1	0	0	1	1	1	7	
Short	6	1	0	2	0	4	4	2	11	3	4	25	
Adequate	42	71	79	56	63	92	63	62	83	67	77	65	
Surplus	46	28	21	42	37	3	33	36	5	29	18	3	

PRELIMINARY IOWA PRECIPITATION

Provided by Harry Hillaker, State Climatologist

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship

PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., OCT. 15, 2007 (inches)



3.0 or more 2.0 to 3.0 1.0 to 2.0 0.5 to 1.0 0.5 or less

Weather Summary For Iowa Agricultural Statistics Service
For the week ending: Sunday, October 14, 2007, 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	82	39	53	3	1.43	0.94	24.36	2.63	32	9
Sioux Center	67	37	54	0	2.03	1.54	24.08	2.91	30	-4
Spencer	79	40	54	3	1.24	0.74	22.76	0.18	35	9
Spirit Lake	66	40	52	2	1.88	1.42	26.56	5.10	15	-34
North Central District										
Britt	79	36	52	-3	1.40	0.89	32.73	9.13	27	-11
Humboldt	79	39	53	1	1.55	1.02	36.98	12.77	36	8
Mason City	79	37	52	2	1.91	1.33	33.89	8.85	31	1
Osage	79	38	52	-1	1.45	0.85	29.15	3.37	30	-9
North East District										
Decorah	81	33	54	1	0.87	0.33	39.13	14.53	39	4
Dubuque	86	39	56	4	0.07	-0.55	29.43	2.57	51	18
Elkader	86	34	55	3	1.82	1.24	38.91	14.59	46	-1
Fayette	84	36	55	3	0.85	0.23	38.08	12.53	44	12
Waterloo	81	37	55	4	1.30	0.68	35.88	10.75	46	14
West Central District										
Carroll	85	37	56	3	1.49	0.91	30.82	5.35	49	17
Castana	76	36	54	-2	1.57	0.98	32.54	9.53	37	1
Guthrie Center	83	35	55	3	2.50	1.88	46.67	21.35	46	10
Harlan	86	36	57	3	2.39	1.75	36.22	10.93	51	15
Jefferson	83	36	56	4	1.63	1.05	30.86	5.39	50	18
Logan	82	34	56	2	1.97	1.37	36.60	12.79	47	8
Rockwell City	82	36	54	0	1.55	0.97	37.92	13.27	44	5
Sac City	81	37	55	3	1.58	0.99	38.77	14.51	42	12
Sioux City	74	34	56	2	2.54	2.06	32.25	12.39	45	7
Central District										
Boone	80	37	55	2	2.15	1.52	37.02	11.20	43	4
Des Moines	82	40	58	3	1.82	1.19	30.35	6.05	58	10
Grundy Center	81	38	55	4	1.65	1.02	38.68	13.89	43	12
Marshalltown	80	38	55	4	1.89	1.29	28.07	2.19	47	12
Newton	80	38	55	2	2.01	1.36	30.53	5.45	47	4
Perry	81	35	55	3	2.38	1.79	33.92	9.46	48	11
Toledo	80	38	56	4	1.37	0.79	29.88	3.82	49	14
East Central District										
Cedar Rapids	87	37	56	3	0.29	-0.25	27.07	2.40	51	11
Davenport	89	37	58	3	0.06	-0.57	30.32	6.26	65	16
Iowa City	88	40	58	2	0.14	-0.53	27.60	0.70	63	9
Lowden	90	33	56	3	0.10	-0.52	29.66	2.38	53	12
Maquoketa	88	37	55	3	0.09	-0.49	28.87	3.82	48	14
Muscatine	89	42	59	4	0.19	-0.46	31.08	5.71	67	33
South West District										
Atlantic	74	35	56	3	6.02	5.39	37.68	13.77	47	11
Clarinda	84	34	56	2	1.65	0.98	35.13	7.24	49	8
Glenwood	88	33	57	2	1.74	1.14	38.42	13.18	55	5
Red Oak	86	37	58	2	4.30	3.71	41.18	13.76	58	9
Sidney	87	37	58	2	1.10	0.42	31.84	5.72	59	8
South Central District										
Allerton	79	36	56	2	1.67	0.92	41.32	14.55	51	28
Beaconsfield	80	37	55	1	1.19	0.49	34.36	8.59	48	3
Chariton	81	35	57	2	1.69	0.98	35.55	8.13	53	8
Indianola	82	36	56	2	1.48	0.80	33.37	8.06	51	7
Leon	80	37	56	2	1.15	0.43	35.80	9.17	52	7
South East District										
Bloomfield	85	39	58	2	0.64	-0.09	35.33	8.27	61	7
Burlington	91	43	62	6	0.05	-0.64	25.97	0.92	83	32
Ottumwa	87	38	58	3	0.63	0.00	33.89	8.89	63	14
Washington	89	36	58	1	0.26	-0.40	36.69	12.25	60	23

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 2007: AWIS, Inc. All Rights Reserved.

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