

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending September 30, 2007

SUBSTANTIAL HARVEST WEEK

Agricultural Summary: Harvest was in full swing across the state until rain showers over the weekend chased farmers out of the fields. Farmers focused on soybean harvest last week, with progress in the North Central District well ahead of other districts. Corn has dried well in the fields.

There were 5.2 days suitable for fieldwork, compared to 5.2 days a year ago. Topsoil moisture rated zero percent very short, 4 percent short, 86 percent adequate, and 10 percent surplus across the state. Subsoil moisture rated 1 percent very short, 4 percent short, 86 percent adequate, and 9 percent surplus.

Field Crops Report: Ninety-four percent of the corn has reached maturity, ahead of both last year's 92 percent and the five-year average of 89 percent. Statewide, the percent moisture of corn in the field is 22 percent, with harvested corn moisture averaging 18 percent. Thirteen percent of the corn has been harvested, 6 percentage points ahead of last year and 4 percentage points ahead of the five-year average of 9 percent. Corn condition rated 2 percent very poor, 5 percent poor, 19 percent fair, 53 percent good, and 21 percent excellent. Soybeans dropping leaves is at 93 percent, equal to both last year and the five-year average. Thirty-five percent of the soybeans have been harvested, 12 percentage points ahead of last year's harvest at this time and 5 percentage points ahead of the five-year average. Soybean condition rated 1 percent very poor, 4 percent poor, 19 percent fair, 55 percent good, and 21 percent excellent.

Livestock and Pasture Report: Pasture condition rated 1 percent very poor, 6 percent poor, 28 percent fair, 51 percent good, and 14 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past work week began with temperatures well above normal on Monday (24th) with afternoon highs mostly in the 80's while thunderstorms were scattered over the northwest one-half of the state. Highs on Tuesday (25th) were in the low 60's northwest to mid 70's southeast with thunderstorms over the southeast one-half of Iowa. Mostly dry weather with near seasonal temperatures prevailed from Wednesday (26th) through Friday (28th). Much warmer weather returned over the weekend. Highs were mostly in the 80's on Saturday (28th) with low 70's northwest to upper 80's southeast on Sunday (30th). Thunderstorms affected much of the northwest one-third of Iowa on Saturday and were statewide on Sunday. Severe storms were reported from 21 counties on Sunday with the greatest damage reported from southern Jasper County. Temperature extremes for the week ranged from a Monday (24th) afternoon high of 91 degrees at Burlington to Friday (28th) morning lows of 35 degrees at Spencer and Sibley. Temperatures for the week as a whole averaged 5.3 degrees above normal. Rainfall amounts were highly variable with only 0.01 inches at Lamoni to 4.95 inches at Emmetsburg and 5.43 inches at Swea City. The statewide average precipitation was 1.08 inches while normal for the week is 0.80 inches.

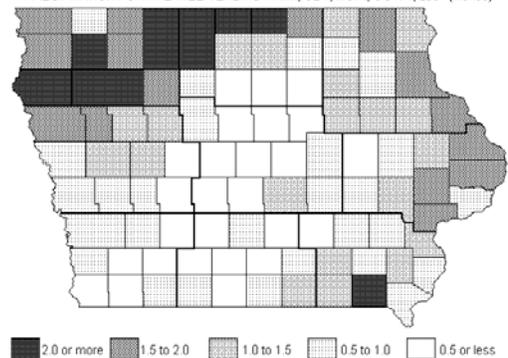
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	19	53	21
Hay, all	2	8	29	49	12
Range & Pasture	1	6	28	51	14
Soybeans	1	4	19	55	21

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	61	23	11	5
Corn ear droppage	76	18	5	1
Soybeans lodging	76	19	4	1
Soybeans shattering	78	18	3	1

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn mature (safe from frost)	95	94	97	90	95	98	97	86	95	94	86	92	89	
Corn harvested (grain or seed)	11	10	21	13	12	14	13	9	18	13	7	7	9	
Soybeans dropping leaves	99	100	95	95	96	92	77	73	85	93	83	93	93	
Soybeans harvested	40	73	52	21	38	34	11	6	17	35	11	23	30	

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. 1, 2007 (inches)



Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Days suitable	4.1	5.2	5.6	4.8	5.6	5.3	5.4	5.9	5.5	5.2	5.2	5.2	
Topsoil moisture													
Very short	0	0	0	0	0	1	0	1	0	0	1	2	
Short	1	1	1	6	3	6	7	2	15	4	5	9	
Adequate	72	88	90	87	84	91	90	90	81	86	88	81	
Surplus	27	11	9	7	13	2	3	7	4	10	6	8	
Subsoil moisture													
Very short	0	0	0	1	0	2	1	3	1	1	2	5	
Short	2	2	2	6	4	3	7	5	13	4	5	19	
Adequate	82	92	88	84	80	93	89	88	81	86	86	70	
Surplus	16	6	10	9	16	2	3	4	5	9	7	6	

Weather Summary For Iowa Agricultural Statistics Service
For the week ending: Sunday, September 30, 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	86	36	64	9	1.49	0.82	21.94	1.28	97	52
Sioux Center	85	36	65	7	1.29	0.67	21.78	1.65	107	45
Spencer	88	35	65	9	1.37	0.71	20.78	-0.72	103	52
Spirit Lake	81	43	63	8	1.67	1.02	24.49	4.03	91	11
North Central District										
Britt	84	39	61	3	1.68	0.94	29.91	7.44	79	14
Humboldt	83	43	61	3	0.86	0.13	34.68	11.63	79	23
Mason City	85	37	63	7	0.69	-0.10	29.97	6.18	93	41
Osage	84	41	60	3	0.59	-0.24	25.76	1.30	73	4
North East District										
Decorah	84	39	63	5	0.53	-0.25	36.38	12.98	94	33
Dubuque	85	45	65	8	1.14	0.21	27.42	1.93	106	49
Elkader	84	43	62	5	0.48	-0.25	35.64	12.55	86	5
Fayette	85	41	62	4	0.06	-0.72	35.43	11.19	85	27
Waterloo	85	40	64	7	0.01	-0.75	31.75	7.92	102	44
West Central District										
Carroll	87	39	63	6	0.92	0.17	28.28	4.05	95	34
Castana	84	44	63	4	0.57	-0.19	30.09	8.34	93	31
Guthrie Center	86	37	63	4	0.34	-0.45	42.85	18.85	90	25
Harlan	87	41	64	6	0.78	-0.21	32.50	8.65	104	42
Jefferson	88	42	64	6	0.26	-0.49	28.42	4.19	97	36
Logan	87	41	64	5	1.02	0.23	33.56	11.05	99	28
Rockwell City	84	42	62	3	0.96	0.16	35.71	12.32	85	15
Sac City	85	41	62	5	1.56	0.76	36.22	13.22	87	31
Sioux City	88	37	65	7	0.95	0.34	28.99	10.15	109	42
Central District										
Boone	85	41	62	4	0.19	-0.58	33.70	9.21	87	19
Des Moines	85	45	66	6	0.11	-0.63	26.91	3.92	116	37
Grundy Center	86	40	63	6	0.04	-0.69	35.56	12.08	90	35
Marshalltown	85	39	65	8	0.00	-0.74	24.53	-0.08	105	46
Newton	85	44	64	5	0.11	-0.74	27.20	3.51	97	26
Perry	86	40	63	5	0.12	-0.58	30.06	6.84	91	29
Toledo	85	41	62	5	0.11	-0.63	26.77	1.94	87	27
East Central District										
Cedar Rapids	86	42	65	7	0.26	-0.53	25.16	1.69	107	39
Davenport	90	46	68	7	0.33	-0.37	29.33	6.55	128	48
Iowa City	88	46	67	5	1.23	0.41	26.41	0.92	119	33
Lowden	88	41	63	5	1.52	0.65	28.09	2.16	91	23
Maquoketa	87	44	63	6	0.94	0.11	27.42	3.63	92	33
Muscatine	89	50	68	7	1.49	0.66	29.65	5.66	130	71
South West District										
Atlantic	86	39	67	9	0.79	-0.10	29.90	7.37	124	60
Clarinda	85	37	63	4	0.05	-0.87	32.65	6.21	95	23
Glenwood	89	42	65	5	1.61	0.80	34.59	10.66	104	22
Red Oak	86	43	65	4	0.25	-0.64	35.57	9.47	108	26
Sidney	85	42	66	4	0.18	-0.68	29.19	4.52	112	30
South Central District										
Allerton	85	43	65	6	0.57	-0.42	38.69	13.54	109	66
Beaconsfield	84	45	64	5	0.08	-0.84	31.62	7.35	102	30
Chariton	85	38	63	4	0.04	-1.02	32.94	7.10	96	24
Indianola	84	40	62	3	0.03	-0.80	30.10	6.22	85	14
Leon	85	40	63	4	0.04	-0.85	33.40	8.29	96	22
South East District										
Bloomfield	89	47	66	5	0.83	-0.13	33.77	8.28	112	27
Burlington	93	51	71	10	0.26	-0.63	25.17	1.60	150	67
Ottumwa	87	44	66	6	0.81	-0.08	32.30	8.68	117	35
Washington	89	44	65	4	0.73	-0.14	35.74	12.72	108	46

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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