

Iowa Crops & Weather



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Iowa Field Office

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For the week ending September 9, 2007

PROGRESS

Agricultural Summary: Seed corn harvest continues. Corn silage cutting is wrapping up in some areas. In fields with downed corn, grain harvest is beginning in an attempt to avoid any further losses due to stalk breakage or rot. The heaviest lodging of corn has been reported in the southern one-third of Iowa. Minimal ear droppage has been reported thus far. Sudden death syndrome continues to be reported in soybean fields.

There were 5.1 days suitable for fieldwork, compared to 4.9 days a year ago. Topsoil moisture rated zero percent very short, 3 percent short, 79 percent adequate, and 18 percent surplus across the state. Subsoil moisture rated zero percent very short, 4 percent short, 82 percent adequate, and 14 percent surplus.

Field Crops Report: Corn in dough stage is at 98 percent, 1 percentage point behind last year, but 1 point ahead of the five-year average. Corn in dent stage is at 91 percent, 1 percentage point behind last year's 92 percent, but ahead of the five-year average of 85 percent. Forty-one percent of the corn has reached maturity, ahead of both last year's 27 percent and the five-year average of 28 percent. Statewide, the percent moisture of corn in the field is 31 percent. The percent moisture of corn currently being harvested is 25 percent. Corn condition rated 3 percent very poor, 7 percent poor, 21 percent fair, 50 percent good, and 19 percent excellent. Sixty-two percent of the soybeans have leaves turning color, 5 percentage points behind last year, and 3 percentage points behind the five-year average of 65 percent. Soybeans dropping leaves is at 25 percent, 1 percentage point behind last year but 1 percentage point ahead of the five-year average. Soybean condition rated 1 percent very poor, 5 percent poor, 22 percent fair, 52 percent good, and 20 percent excellent. Third cutting of alfalfa is 85 percent complete, behind last year's 94 percent and 5 percentage points

behind the five-year average. All hay condition rated 2 percent very poor, 9 percent poor, 29 percent fair, 50 percent good, and 10 percent excellent.

Livestock and Pasture Report: Pasture condition rated 2 percent very poor, 7 percent poor, 26 percent fair, 48 percent good, and 17 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

Temperatures were well above normal statewide from Monday (3rd) through Thursday (6th) with highs mostly in the 80's, along with a few low 90's in the southeast. Cooler air moved into northwest Iowa late in the week with highs in the mid to upper 70's on Friday (7th) and Saturday (8th) and only the low to mid 60's on Sunday (9th). However, temperatures still climbed into the low to mid 80's through the weekend across the southeast. Temperature extremes for the week ranged from afternoon highs of 93 degrees at Burlington and Keosauqua on Tuesday (4th) to Saturday (8th) morning lows of 46 degrees at Estherville and Mason City. Temperatures for the week as a whole averaged 3 to 5 degrees above normal across the west and 5 to 7 degrees warmer than usual over the east with a statewide average of 5.0 degrees above normal. The weather was dry from Monday (3rd) through Wednesday (5th) excepting a few isolated showers across the southeast one-third of the state on Wednesday. Rain fell statewide on Thursday (6th) into early Friday (7th) morning with locally heavy rains in central and southwest Iowa. Rain again moved into the northwest one-half of the state on Sunday (9th) into Monday (10th) morning with locally heavy rain in west central Iowa. Weekly rain totals varied from 0.19 inches at Blockton in Taylor County to 4.85 inches at Bondurant in Polk County. The statewide average precipitation was 1.20 inches while normal for the week is 0.98 inches.

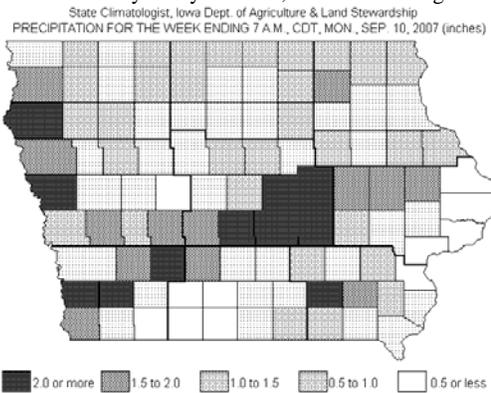
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	7	21	50	19
Hay, all	2	9	29	50	10
Range & Pasture	2	7	26	48	17
Soybeans	1	5	22	52	20

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	60	25	10	5
Corn ear droppage	81	16	3	0

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					
Corn in or past dent stage	93	99	87	89	92	92	81	82	88	91	77	92	85	
Corn mature (safe from frost)	29	40	36	30	59	53	47	28	48	41	16	27	28	
Corn harvested (grain or seed)	2	1	4	3	2	2	2	1	2	2	0	1	1	
Soybean leaves turning color	79	87	80	47	63	66	34	32	39	62	33	67	65	
Soybeans dropping leaves	32	49	46	11	21	26	5	6	11	25	7	26	24	
Hay, alfalfa - third crop harvested	99	99	87	91	87	93	88	84	80	85	72	94	90	

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 suitable	4.8	4.9	4.8	5.1	5.0	5.7	4.8	5.5	5.6	5.1	4.5	4.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	0	0	0	0	0	0	1	0	0	0	2	
Short	2	1	0	2	5	0	6	6	5	3	3	12	
Adequate	73	86	69	84	68	95	89	73	83	79	80	77	
Surplus	25	13	31	14	27	5	5	20	12	18	17	9	
Subsoil moisture													
Very short	1	0	0	1	0	0	0	1	0	0	1	6	
Short	6	1	0	5	3	0	8	6	7	4	4	27	
Adequate	86	79	85	77	74	91	90	75	79	82	75	63	
Surplus	7	20	15	17	23	9	2	18	14	14	20	4	

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist



Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, September 9, 2007

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	46	71	9	0.41	-0.43	19.80	1.39	148	59
Sioux Center	89	50	72	7	2.71	1.95	19.59	1.47	153	46
Spencer	90	47	71	8	0.58	-0.26	18.36	-0.95	151	54
Spirit Lake	88	48	70	7	0.23	-0.60	21.97	3.66	140	14
North Central District										
Britt	87	51	72	7	0.78	-0.08	26.76	6.73	152	44
Humboldt	85	54	71	6	0.09	-0.81	31.82	11.15	146	41
Mason City	89	46	71	8	0.54	-0.43	28.01	6.79	147	51
Osage	88	52	72	8	1.40	0.35	24.33	2.63	154	37
North East District										
Decorah	88	50	71	7	1.31	0.33	34.30	13.51	150	43
Dubuque	88	54	72	8	1.52	0.33	25.60	3.25	159	59
Elkader	91	50	71	7	0.88	-0.03	33.38	12.70	149	22
Fayette	89	52	72	7	0.97	0.04	33.04	11.33	152	49
Waterloo	90	52	73	9	1.18	0.34	30.46	9.06	163	60
West Central District										
Carroll	88	51	72	7	0.27	-0.61	26.24	4.42	157	50
Castana	86	53	72	5	0.05	-0.82	26.37	7.05	153	46
Guthrie Center	88	50	72	6	2.00	1.03	40.45	19.00	154	40
Harlan	86	54	71	5	2.42	1.32	30.66	10.06	151	45
Jefferson	90	53	73	8	0.09	-0.79	26.90	5.08	161	54
Logan	89	53	73	6	0.64	-0.26	31.32	11.36	159	38
Rockwell City	86	53	71	5	0.05	-0.86	32.40	11.59	147	32
Sac City	88	52	72	7	0.06	-0.85	31.43	11.01	152	47
Sioux City	89	49	72	6	0.67	-0.03	26.60	9.74	154	37
Central District										
Boone	89	54	72	7	0.65	-0.26	32.32	10.29	158	46
Des Moines	89	57	74	6	2.11	1.21	25.75	5.13	170	44
Grundy Center	89	53	72	9	0.51	-0.33	33.95	12.77	157	61
Marshalltown	88	51	72	8	0.68	-0.28	23.24	1.08	158	55
Newton	90	56	72	6	2.87	1.89	25.69	4.76	158	41
Perry	88	53	72	8	0.76	-0.08	28.73	7.79	157	51
Toledo	88	52	72	7	2.36	1.42	25.37	2.99	156	51
East Central District										
Cedar Rapids	88	54	72	6	1.13	0.15	23.77	2.94	156	43
Davenport	92	54	74	7	0.29	-0.56	28.74	8.21	169	43
Iowa City	91	57	74	6	0.47	-0.51	24.52	1.67	171	38
Lowden	91	50	72	7	0.41	-0.64	25.73	2.68	156	44
Maquoketa	90	53	71	7	0.25	-0.80	25.59	4.59	151	48
Muscatine	92	56	75	7	0.68	-0.23	27.62	6.27	179	77
South West District										
Atlantic	88	53	73	8	1.47	0.49	28.21	8.56	164	55
Clarinda	88	53	71	4	1.00	-0.09	31.64	8.20	147	27
Glenwood	91	55	73	6	2.50	1.53	31.23	9.92	165	38
Red Oak	88	55	72	4	4.04	2.95	34.19	11.07	157	26
Sidney	87	59	74	6	2.72	1.74	28.04	6.12	166	37
South Central District										
Allerton	89	54	71	5	0.61	-0.49	36.97	15.00	151	65
Beaconsfield	86	58	72	5	0.43	-0.61	30.30	9.01	154	37
Chariton	88	51	71	5	0.60	-0.57	31.22	8.84	150	33
Indianola	86	52	71	5	0.92	0.01	28.01	6.76	148	32
Leon	87	51	70	3	0.52	-0.53	32.05	9.82	137	18
South East District										
Bloomfield	90	58	74	6	1.18	0.06	32.25	9.90	167	37
Burlington	93	58	76	9	0.63	-0.35	24.75	4.03	187	59
Ottumwa	88	55	73	4	1.25	0.23	30.69	10.01	160	31
Washington	91	52	72	4	0.86	-0.11	34.02	13.80	157	50

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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