



Iowa Crops & Weather

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JULY MAKES RECORD BOOK

Unseasonably cool temperatures throughout July contributed to Iowa's corn and soybean development being behind the five-year averages. Stress levels remain relatively low in what was another dry week in many areas. Some heavy but localized crop damage was reported in the Northeast district as hail striped corn plants to the stalk and devastated soybean fields. In spite of this isolated crop damage, most of Iowa's corn and soybean crops are still rated in good condition. Farmers continue to treat fields for disease and damaging insects where thresholds have been surpassed. Livestock continue to enjoy the cooler than average temperatures.

There were 5.8 days suitable for fieldwork during the week, compared to the five-year average of 5.4 days. Topsoil moisture rated 1 percent very short, 15 percent short, 79 percent adequate, and 5 percent surplus across the state. Subsoil moisture rated 1 percent very short, 9 percent short, 82 percent adequate, and 8 percent surplus.

Field Crops Report: Corn was rated 92 percent tasseled, behind the five-year average of 96 percent. Corn silked increased with 79 percent reported silking, 19 percentage points ahead of last week, but 10 percentage points behind the five-year average. Corn at or beyond the milk stage reached 24 percent, 6 percentage points ahead of last year, but 23 percentage points behind the five-year average. Corn reported at or beyond the dough stage reached 2 percent, on par with last year, but 14 percentage points below the five-year average. Corn condition was rated 2 percent very poor, 5 percent poor, 15 percent fair, 49 percent good, and 29 percent excellent.

Soybeans reached 90 percent blooming with 61 percent setting pods. Soybeans blooming are 9 percentage points ahead of last year, but 2 percentage points behind the five-year average. Soybeans setting pods are ahead of last year by 16 percentage points, but 5 percentage points behind the five-year average. Soybean condition was rated 1 percent very poor, 4 percent poor, 18 percent fair, 54 percent good, and 23 percent excellent.

Ninety-nine percent of the oat crop is now turning color, 4 percentage points ahead of last year, and on par with the five-year average. Oat harvest reached

64 percent complete, 12 percentage points behind the five-year average, but 26 percentage points ahead of last year. Oat condition was rated 3 percent very poor, 5 percent poor, 26 percent fair, 53 percent good, and 13 percent excellent.

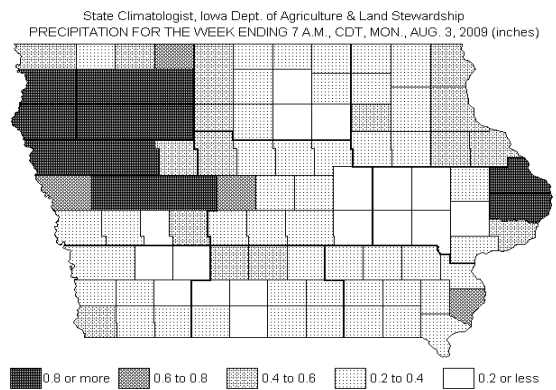
Alfalfa second cutting has reached 80 percent complete, 10 percentage points behind the five-year average, but 12 percentage points ahead of last year. Alfalfa third cutting has reached 6 percent complete, 8 percentage points behind the five-year average, but 3 percentage points ahead of last year. All hay condition was rated 2 percent very poor, 10 percent poor, 28 percent fair, 48 percent good, and 12 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 7 percent poor, 22 percent fair, 52 percent good, and 18 percent excellent. Overall, the cool weather was beneficial to all livestock, especially animals in feed yards.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

Unseasonably cool weather dominated Iowa for another week with temperatures averaging 6.6 degrees below normal. All but one day (July 10) since June 27 has seen a below normal statewide average temperature. Preliminary data indicate that July 2009 will go into the record books as the coolest July among 137 years of state records with a monthly average temperature of 68.0 degrees (old record 68.3 in July 1891). The week's lowest temperatures were 45 degree readings at Sheldon on Wednesday (29th) morning, Sibley on Friday (31st) morning and Stanley on Sunday (2nd) morning. However, warmer weather returned to western Iowa on Sunday afternoon with Sioux City reaching 90 degrees. Scattered showers and thunderstorms were nearly a nightly occurrence across Iowa during the past week but rain amounts were mostly on the light side. Exceptions were over Jackson and Clinton counties on Monday (27th) night, a small area from Plymouth to Ida County on Wednesday night and from Plymouth to Greene County on Sunday night with rain totals exceeding an inch. Weekly rain totals varied from only 0.02 inches at Fontanelle to 3.97 inches at Holstein. The statewide average precipitation was 0.48 inches or about one-half of the weekly normal of 0.94 inches.

PRELIMINARY IOWA PRECIPITATION



Statewide Crop Conditions as of August 2, 2009

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	15	49	29
Soybeans	1	4	18	54	23
Oats	3	5	26	53	13
Hay, all	2	10	28	48	12
Range & Pasture	1	7	22	52	18

Field Work and Crop Progress as of August 2, 2009

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 tasseled	94	93	83	97	96	90	95	87	87	92	78	86	96	
Corn silked	83	69	67	92	87	73	89	72	68	79	60	69	89	
Corn in or past milk stage	23	9	11	34	32	24	40	31	19	24	7	18	47	
Soybeans blooming	97	89	92	96	89	85	85	79	81	90	81	81	92	
Soybeans setting pods	64	61	64	68	65	57	66	45	40	61	35	45	66	
Oats harvested for grain	71	46	54	64	87	68	80	55	82	64	31	38	76	
Hay, alfalfa - second crop harvested	98	96	96	85	90	68	90	61	72	80	72	68	90	
Hay, alfalfa - third crop harvested	13	11	8	7	12	2	3	4	6	6	0	3	14	

Days Suitable & Soil Moisture Condition as of August 2, 2009

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	5.4	6.1	5.2	5.5	6.8	4.9	6.3	6.6	5.8	5.8	5.2	5.2	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	4	0	0	5	0	0	1	0	1	1	1	
Short	8	19	20	11	27	4	22	25	3	15	7	6	
Adequate	91	75	78	84	68	86	75	71	84	79	82	75	
Surplus	1	2	2	5	0	10	3	3	13	5	10	18	
Subsoil moisture													
Very short	0	2	0	0	3	0	0	0	0	1	0	1	
Short	7	14	13	6	15	4	12	12	2	9	4	4	
Adequate	90	80	82	88	76	78	85	82	73	82	82	71	
Surplus	3	4	5	6	6	18	3	6	25	8	14	24	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, August 2, 2009, 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	47	65	-8	0.79	0.02	12.09	-1.81	106	-48
Sioux Center	86	47	67	-8	1.16	0.46	13.21	-0.84	122	-45
Spencer	86	46	66	-8	1.02	0.11	12.66	-1.86	115	-46
Spirit Lake	84	53	67	-6	0.46	-0.31	13.04	-0.81	119	-56
North Central District										
Britt	83	51	66	-8	0.25	-0.62	16.77	1.14	113	-48
Humboldt	87	51	67	-7	0.35	-0.56	17.63	1.72	123	-45
Mason City	84	50	66	-7	0.19	-0.72	14.96	-1.15	117	-40
Osage	84	51	66	-8	0.24	-0.74	14.99	-1.14	113	-62
North East District										
Decorah	83	47	67	-7	0.41	-0.43	15.92	0.18	118	-43
Dubuque	81	50	66	-7	0.35	-0.58	18.04	1.63	114	-40
Elkader	82	46	64	-9	0.35	-0.63	17.57	2.05	100	-81
Fayette	84	51	66	-7	0.26	-0.73	21.95	5.51	115	-42
Waterloo	87	50	68	-5	0.19	-0.80	17.53	0.58	131	-30
West Central District										
Carroll	85	51	67	-8	0.72	-0.19	17.28	0.11	119	-48
Castana	83	53	67	-8	0.57	-0.13	14.77	-0.10	122	-39
Guthrie Center	84	48	67	-8	0.06	-0.78	16.60	0.36	117	-54
Harlan	81	50	66	-10	0.19	-0.58	18.25	2.42	114	-50
Jefferson	83	52	66	-8	0.58	-0.33	15.86	-1.31	115	-52
Logan	83	51	67	-9	0.33	-0.44	17.38	1.83	123	-57
Rockwell City	85	53	67	-8	0.27	-0.64	14.89	-1.11	120	-48
Sac City	84	49	65	-9	0.51	-0.31	15.05	-0.60	108	-60
Sioux City	87	49	68	-8	0.12	-0.58	13.32	0.13	129	-52
Central District										
Boone	85	50	67	-8	0.21	-0.63	16.69	-0.41	120	-48
Des Moines	88	56	72	-6	0.02	-0.84	16.34	0.82	155	-33
Grundy Center	86	51	66	-6	0.22	-0.72	18.56	1.94	117	-37
Marshalltown	86	49	68	-6	0.30	-0.69	13.40	-3.17	124	-37
Newton	87	55	68	-7	0.00	-0.84	15.98	-0.07	131	-44
Perry	86	52	67	-7	0.12	-0.72	15.88	-0.29	123	-44
Toledo	85	53	67	-7	0.00	-1.01	15.43	-1.47	120	-41
East Central District										
Cedar Rapids	82	50	66	-8	0.03	-0.83	18.13	2.33	117	-51
Davenport	82	50	69	-7	0.29	-0.62	21.25	5.79	133	-42
Iowa City	84	53	69	-8	0.04	-1.01	16.73	-0.75	137	-45
Lowden	83	49	67	-8	0.36	-0.62	19.67	2.25	117	-51
Maquoketa	82	50	66	-8	0.56	-0.28	18.92	3.40	112	-49
Muscatine	83	52	68	-8	0.15	-0.78	22.24	5.76	128	-27
South West District										
Atlantic	83	47	65	-9	0.06	-0.71	21.71	6.66	109	-59
Clarinda	84	47	66	-10	0.23	-0.82	17.46	-0.38	111	-69
Glenwood	84	51	68	-9	0.45	-0.39	17.29	0.83	126	-56
Red Oak	83	50	67	-10	0.31	-0.60	15.75	-1.99	121	-65
Sidney	83	55	69	-8	0.46	-0.58	14.10	-2.57	137	-50
South Central District										
Allerton	86	52	68	-8	0.15	-0.83	20.10	3.48	127	-20
Beaconsfield	83	54	67	-8	0.21	-0.70	20.26	4.05	123	-52
Chariton	84	48	66	-10	0.17	-0.74	20.57	3.44	111	-64
Indianola	85	50	67	-9	0.02	-0.82	19.53	3.06	122	-52
Leon	85	49	66	-11	0.12	-0.80	16.92	0.28	111	-69
South East District										
Bloomfield	83	55	69	-7	0.45	-0.56	22.33	5.63	135	-47
Burlington	84	54	71	-6	0.85	-0.06	22.21	6.37	146	-33
Ottumwa	83	51	68	-8	0.24	-0.70	20.65	4.91	130	-53
Washington	85	52	67	-10	0.17	-0.69	20.76	5.25	123	-43

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 2009: AWIS, Inc. All Rights Reserved.

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