

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending August 3, 2008

APHIDS BEGIN TO ARRIVE

Agricultural Summary: Hot and humid weather has helped crops to mature. Aphids are beginning to show up in soybeans, thus causing spraying to occur. Spraying of fungicide and herbicide is also taking place.

There were 5.4 days suitable for fieldwork, compared to 5.6 days last year at this time. Topsoil moisture rated 1 percent very short, 7 percent short, 76 percent adequate, and 16 percent surplus across the state. Subsoil moisture rated 1 percent very short, 4 percent short, 73 percent adequate, and 22 percent surplus.

Field Crops Report: Eighty-nine percent of corn is now tasseled, which is 12 days behind last year and 9 days behind the five-year average. Corn silked is 73 percent, which is 12 days behind last year and 10 days behind the five-year average. Corn in the milk stage is 20 percent, 43 percentage points behind last year and 33 percentage points behind the five-year average. Corn condition rated 2 percent very poor, 8 percent poor, 26 percent fair, 48 percent good, and 16 percent excellent. Eighty-three percent of soybeans are blooming, 12 days behind last year and 9 days behind the five-year average. Soybeans setting pods rated 48 percent, 10 days behind last year and 7 days behind the five-year average. Soybean condition rated 2 percent very poor, 7 percent poor, 29 percent fair, 48 percent good, and 14 percent excellent. Ninety-six percent of the oat crop is turning color. Harvested oats for grain is 42 percent, which is 45 percentage points behind last year and 46 percentage points behind the five-year average. Oats condition rated 2 percent very poor, 8 percent poor, 33 percent fair, 46 percent good, and 11 percent excellent. Second cutting of alfalfa is 71 percent complete, 24 percent behind last year and the five-year average. All hay condition

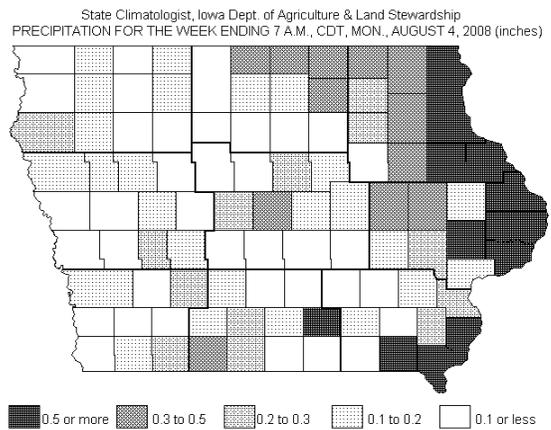
rated 2 percent very poor, 6 percent poor, 31 percent fair, 48 percent good, and 13 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 5 percent poor, 26 percent fair, 53 percent good, and 15 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

Iowa experienced its warmest week of the year and driest week in 11 weeks (mid-May). Daytime highs were mostly in the 80's except on Sunday (3rd) when the southwest two-thirds of the state saw readings in the 90's along with very high humidity. Shenandoah reported the highest official temperature of the week with a Sunday afternoon high of 99 degrees while Des Moines and Ames recorded heat indices of 110 degrees that afternoon (unofficial heat index readings were as high as 126F). On the other extreme, Cresco reported a Saturday (2nd) morning low of 51 degrees. Temperatures for the week as a whole averaged from near normal in the east to 4 degrees above normal in the west with a statewide average of 2.3 degrees above normal. There were scattered thunderstorms across Iowa each day except Friday (1st) and Saturday (2nd); however, only a few locations received more than one inch of rain. Weekly rain totals varied from none at a few scattered locations such as Humboldt, Logan, Des Moines and Red Oak to 1.67 inches at the Fort Madison Airport. The statewide average precipitation was 0.22 inches while normal for the week is 0.95 inches.

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist



Statewide Crop Conditions as of August 3, 2008

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	8	26	48	16
Soybeans	2	7	29	48	14
Oats	2	8	33	46	11
Hay, all	2	6	31	48	13
Range & Pasture	1	5	26	53	15

Field Work and Crop Progress as of August 3, 2008

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	93	87	85	93	89	85	94	82	86	89	67	99	99
Corn silked	83	63	61	84	69	68	87	70	71	73	45	94	93
Corn in or past milk stage	21	9	9	31	24	16	37	24	18	20	4	63	53
Soybeans blooming	97	85	87	89	74	71	85	59	71	83	67	96	95
Soybeans setting pods	64	45	50	63	45	28	49	26	32	48	26	76	70
Oats harvested for grain	49	34	27	60	41	49	62	41	57	42	15	87	88
Alfalfa - second crop harvested	93	81	83	84	74	82	79	39	62	71	51	95	95

Days Suitable & Soil Moisture Condition as of August 3, 2008

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	5.5	5.6	5.9	5.6	4.8	5.7	6.3	4.8	4.5	5.4	3.9	5.6
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Very short	1	1	2	0	0	0	1	0	0	1	0	18
Short	6	5	10	9	1	8	20	1	3	7	3	26
Adequate	88	88	81	81	77	66	63	60	75	76	65	54
Surplus	5	6	7	10	22	26	16	39	22	16	32	2
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Very short	4	1	0	0	0	0	0	0	0	1	0	15
Short	7	6	6	5	1	0	5	0	0	4	2	28
Adequate	84	85	82	77	60	64	76	60	72	73	63	55
Surplus	5	8	12	18	39	36	19	40	28	22	35	2

Weather Summary
For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, August 3, 2008, 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	89	52	74	3	0.55	-0.22	17.10	3.06	166	14
Sioux Center	96	56	77	5	0.04	-0.66	14.99	0.81	191	26
Spencer	91	53	75	3	0.07	-0.84	13.90	-0.80	175	14
Spirit Lake	91	61	76	5	0.05	-0.72	14.28	0.28	187	12
North Central District										
Britt	88	58	74	1	0.46	-0.39	22.94	7.15	167	6
Humboldt	84	60	74	1	0.10	-0.81	25.31	9.23	168	2
Mason City	87	53	73	2	0.96	0.05	27.49	11.20	165	10
Osage	88	57	73	1	0.79	-0.19	29.15	12.83	161	-12
North East District										
Decorah	88	53	74	1	0.29	-0.56	29.28	13.38	167	6
Dubuque	86	60	75	4	0.78	-0.17	27.66	11.08	177	23
Elkader	88	55	74	2	0.98	0.00	35.49	19.78	166	-13
Fayette	88	56	73	2	0.46	-0.53	33.51	16.88	165	10
Waterloo	88	56	76	4	0.41	-0.54	31.73	14.61	183	23
West Central District										
Carroll	88	57	75	2	1.89	0.98	27.47	10.13	176	11
Castana	89	61	76	2	0.01	-0.70	20.77	5.77	180	19
Guthrie Center	89	56	75	2	6.73	5.88	31.33	14.94	177	8
Harlan	88	61	76	2	0.01	-0.76	21.82	5.86	181	19
Jefferson	86	58	74	2	0.68	-0.23	27.59	10.25	172	7
Logan	91	63	78	3	0.00	-0.77	20.63	4.94	194	16
Rockwell City	85	60	74	0	0.01	-0.90	24.07	7.89	170	2
Sac City	87	57	74	1	0.33	-0.51	23.63	7.83	168	1
Sioux City	89	61	78	3	0.00	-0.70	16.30	2.98	197	18
Central District										
Boone	87	57	74	2	2.80	1.96	36.71	19.47	171	5
Des Moines	88	65	78	2	1.65	0.77	31.48	15.80	195	9
Grundy Center	86	57	74	3	1.06	0.14	33.08	16.29	170	17
Marshalltown	86	56	75	3	0.85	-0.16	31.16	14.39	174	14
Newton	89	59	76	2	1.46	0.62	28.23	12.03	179	6
Perry	89	59	76	3	1.75	0.91	30.68	14.36	180	15
Toledo	86	57	73	1	0.59	-0.44	32.06	14.95	165	4
East Central District										
Cedar Rapids	86	59	74	2	0.09	-0.75	28.37	12.43	173	6
Davenport	90	60	77	2	0.32	-0.59	24.14	8.52	187	12
Iowa City	88	64	77	1	0.58	-0.47	26.92	9.25	188	6
Lowden	89	55	75	2	0.18	-0.80	22.69	5.10	175	9
Maquoketa	87	58	74	3	0.21	-0.65	28.06	12.38	171	10
Muscatine	87	62	75	0	0.17	-0.74	27.22	10.59	181	27
South West District										
Atlantic	97	64	79	6	0.51	-0.26	29.58	14.40	204	38
Clarinda	88	64	76	1	0.17	-0.88	22.73	4.69	181	3
Glenwood	90	64	77	2	0.00	-0.84	29.77	13.15	191	10
Red Oak	91	65	77	1	0.00	-0.91	29.60	11.70	193	9
Sidney	89	64	77	2	0.17	-0.85	26.67	9.81	191	6
South Central District										
Allerton	86	62	75	-1	4.10	3.12	36.98	20.18	174	27
Beaconsfield	89	64	75	0	1.69	0.78	31.61	15.24	175	0
Chariton	87	57	74	-1	3.22	2.33	31.79	14.52	170	-5
Indianola	88	60	75	1	3.21	2.37	35.70	19.09	177	5
Leon	88	61	74	-3	1.39	0.45	26.34	9.52	170	-8
South East District										
Bloomfield	90	63	76	0	2.15	1.15	30.38	13.50	183	2
Burlington	89	65	78	3	1.99	1.08	21.03	5.04	195	18
Ottumwa	87	60	76	-1	1.30	0.38	29.48	13.58	180	-2
Washington	88	59	76	0	0.45	-0.39	27.00	11.35	185	21

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 2008: AWIS, Inc. All Rights Reserved.

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