

Iowa Crops & Weather



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Issued August 6, 2007

Vol 07-23

For the week ending August 5, 2007

APHIDS SWARM FIELDS

Agricultural Summary: Heat and humidity early in the week brought more stress to crops that already lacked moisture. Weekend showers brought much needed relief to crops. Insecticide spraying increased in soybeans due to large populations of aphids.

There were 5.7 days suitable for fieldwork, compared to 5.2 days last year at this time. Topsoil moisture rated 18 percent very short, 25 percent short, 54 percent adequate, and 3 percent surplus across the State. Subsoil moisture rated 15 percent very short, 27 percent short, 56 percent adequate, and 2 percent surplus.

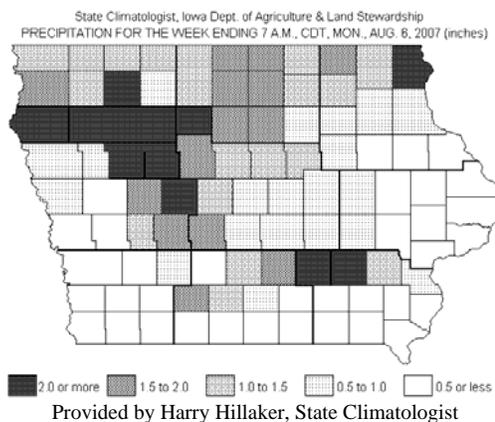
Field Crops Report: Oats harvested for grain are at 94 percent, 1 percentage point ahead of both last year and the five-year average. The condition of the oat crop improved slightly to 1 percent very poor, 5 percent poor, 29 percent fair, 55 percent good, and 10 percent excellent. Corn silked, at 96 percent, is 2 percentage points behind last year, but 1 day ahead of normal. Corn in milk stage is at 71 percent, 2 days ahead of last year and 11 days ahead of the five-year average. Corn in dough stage is at 28 percent, 2 percentage points ahead of last year and 5 percentage points ahead of the five-year average. Corn condition is rated at 2 percent very poor, 10 percent poor, 27 percent fair, 44 percent good, and 17 percent excellent. Soybeans blooming, at 97 percent, are one percentage point ahead of last year and the five-year average. Eighty-two percent of soybeans are setting pods, 1 percentage point ahead of last year and 7 percentage points ahead of the five-year average. Soybean condition is 2 percent very poor, 7 percent poor, 26 percent fair, 49 percent good, and 16 percent excellent. Ninety-seven percent of the second cutting of alfalfa hay is complete, behind last year's 99 percent, but 1 percentage point ahead of the five-year average. The third cutting of alfalfa is 23 percent complete, behind last year's 30 percent, but 4 percentage points ahead of the five-year average. All hay condition is 12 percent very poor, 16 percent poor, 32 percent fair, 35 percent good, and 5 percent excellent.

Livestock and Pasture Report: Pasture condition rated 14 percent very poor, 23 percent poor, 33 percent fair, 27 percent good, and 3 percent excellent. Some livestock are being fed hay to supplement poor pasture. Insect populations continue to pester livestock.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past work week began with dry conditions on Monday (30th) and Tuesday (31st) with seasonal temperatures in the 80's for afternoon highs. Isolated thunderstorms developed in far western Iowa on Wednesday (1st) and ended a streak of 39 consecutive days without measurable rainfall at Hawarden and Sioux Center. A few light showers dampened small areas of far southwest Iowa on Thursday (2nd) as well as in the Dubuque area of northeast Iowa. Temperatures on Wednesday and Thursday were a little warmer with highs in the mid 80's north to low 90's south. Temperatures moderated on Friday (3rd) with much lower humidity with daytime highs mostly in the 80's. Thunderstorms moved into far northwest Iowa late Friday and overspread most of the state on Saturday (4th) morning. Moderate to heavy rain fell over much of northwest, north central and central Iowa. A few thunderstorms redeveloped Saturday night and continued into Sunday (5th) over the eastern one-half of the state. Very humid conditions quickly returned over the weekend with cloud cover holding high temperatures down in the 70's over the north while readings soared well into the 90's over the southern one-third of Iowa where sunny skies prevailed. Temperature extremes for the week ranged from a Friday (3rd) morning low of 51 degrees at Cresco to a Sunday (5th) afternoon high of 99 degrees at Keosauqua. Temperatures for the week as a whole averaged from 1 to 2 degrees cooler than usual across northern Iowa to 3 to 4 degrees warmer than normal over the south for a statewide average of 1.3 degrees above normal. Rainfall totals varied from none at Glenwood, Red Oak, Oakland and Allerton to 3.78 inches at Rockwell City and 3.58 inches at Le Mars Airport. The statewide average precipitation was 1.00 inches, nearly matching the weekly normal of 1.08 inches.

PRELIMINARY IOWA PRECIPITATION



Statewide Crop Conditions as of August 5, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	10	27	44	17
Hay, all	12	16	32	35	5
Oats	1	5	29	55	10
Range & Pasture	14	23	33	27	3
Soybeans	2	7	26	49	16

Field Work and Crop Progress as of August 5, 2007

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 silked	95	99	96	99	98	92	96	92	96	96	96	90	98	95
Corn in or past milk stage	69	80	66	77	73	69	67	52	60	71	43	69	60	
Corn in or past dough stage	22	32	21	43	35	23	15	33	24	28	10	26	23	
Soybeans setting pods	84	90	87	88	83	76	77	65	65	82	60	81	75	
Oats harvested for grain	99	98	94	98	94	92	87	93	96	94	70	93	93	
Hay, alfalfa - third crop harvested	40	28	25	19	26	10	11	22	29	23	10	30	19	

Days Suitable & Soil Moisture Condition as of August 5, 2007

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	5.0	5.9	6.1	5.6	5.9	6.0	6.5	5.9	5.7	5.4	5.2	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	33	3	7	35	9	0	29	29	12	18	19	23	
Short	25	12	19	25	28	9	38	52	22	25	29	33	
Adequate	35	84	71	39	52	91	33	18	64	54	51	43	
Surplus	7	1	3	1	11	0	0	1	2	3	1	1	
Subsoil moisture													
Very short	36	6	6	25	9	0	18	23	13	15	14	29	
Short	40	28	17	35	25	3	30	38	25	27	31	38	
Adequate	24	65	75	40	61	95	52	38	61	56	54	32	
Surplus	0	1	2	0	5	2	0	1	1	2	1	1	

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, August 5, 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	87	54	72	0	1.29	0.52	11.38	-2.85	153	2
Sioux Center	92	58	76	3	2.38	1.68	10.75	-3.60	181	17
Spencer	89	54	74	2	1.78	0.87	10.71	-4.20	169	9
Spirit Lake	88	61	74	2	1.10	0.33	12.01	-2.17	168	-7
North Central District										
Britt	86	57	72	-1	1.50	0.66	16.68	0.69	157	-3
Humboldt	85	59	72	-1	2.48	1.57	17.16	0.86	156	-9
Mason City	87	52	72	-1	1.57	0.66	19.38	2.88	153	-1
Osage	86	58	72	0	0.97	-0.01	14.42	-2.13	157	-15
North East District										
Decorah	87	53	72	-2	1.60	0.74	19.23	3.11	153	-8
Dubuque	86	58	73	1	0.32	-0.64	18.33	1.50	160	6
Elkader	89	53	71	-3	0.61	-0.37	21.83	5.89	147	-31
Fayette	86	56	71	-2	1.20	0.21	23.05	6.19	149	-5
Waterloo	87	54	73	0	0.90	-0.04	19.87	2.53	159	0
West Central District										
Carroll	91	57	75	2	1.02	0.11	18.18	0.62	175	11
Castana	90	61	75	1	1.82	1.10	19.12	3.93	177	16
Guthrie Center	91	55	74	-1	2.02	1.16	29.21	12.59	166	-2
Harlan	90	58	75	1	0.51	-0.25	19.25	3.10	175	14
Jefferson	92	59	75	2	2.69	1.78	21.28	3.72	177	13
Logan	94	59	76	2	0.01	-0.76	20.40	4.52	186	9
Rockwell City	89	60	74	0	3.78	2.87	20.68	4.29	170	2
Sac City	91	58	74	1	3.16	2.32	20.26	4.25	169	3
Sioux City	92	58	77	2	1.21	0.51	18.08	4.59	188	10
Central District										
Boone	89	57	74	2	1.22	0.37	19.35	1.88	172	7
Des Moines	90	63	79	3	0.56	-0.33	17.12	1.21	202	17
Grundy Center	87	57	73	2	1.70	0.79	22.71	5.70	162	10
Marshalltown	86	55	74	2	0.47	-0.55	16.41	-0.61	169	10
Newton	89	61	74	0	0.69	-0.15	15.29	-1.12	171	-1
Perry	88	57	74	2	1.27	0.43	23.05	6.52	172	8
Toledo	86	56	73	0	0.98	-0.05	17.44	0.09	160	-1
East Central District										
Cedar Rapids	86	59	74	0	0.27	-0.57	17.83	1.67	168	2
Davenport	89	60	75	0	0.06	-0.85	20.29	4.44	176	1
Iowa City	88	63	75	-1	0.21	-0.84	16.25	-1.68	179	-3
Lowden	90	55	72	-2	0.16	-0.82	18.69	0.85	159	-6
Maquoketa	88	58	72	-2	0.07	-0.80	19.81	3.90	152	-8
Muscatine	90	65	77	2	0.08	-0.83	19.19	2.32	190	36
South West District										
Atlantic	93	54	78	5	0.30	-0.47	19.57	4.19	194	29
Clarinda	91	61	76	1	0.41	-0.64	19.55	1.26	181	4
Glenwood	94	61	78	3	0.00	-0.84	18.43	1.61	199	19
Red Oak	93	61	77	2	0.00	-0.91	20.10	1.97	194	11
Sidney	93	64	76	0	0.06	-0.95	16.51	-0.58	185	1
South Central District										
Allerton	93	62	77	3	0.00	-0.97	20.48	3.45	189	43
Beaconsfield	91	62	75	1	0.06	-0.85	20.08	3.48	179	4
Chariton	93	56	74	-1	0.34	-0.54	19.68	2.19	171	-3
Indianola	90	57	76	2	0.89	0.05	17.52	0.69	183	12
Leon	93	58	75	0	0.13	-0.82	18.85	1.79	180	3
South East District										
Bloomfield	90	62	77	2	0.23	-0.77	16.66	-0.46	189	9
Burlington	92	66	78	4	0.17	-0.74	15.38	-0.85	201	25
Ottumwa	89	60	76	0	0.50	-0.41	20.17	4.04	183	1
Washington	89	59	75	-2	1.71	0.87	26.40	10.53	177	14

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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TO IA CROPS & WEATHER, C/O SD AGRICULTURAL STATISTICS, PO BOX
5068 SIOUX FALLS SD 57117