

# Iowa Crops & Weather



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## RAIN WELCOMED

**Agricultural Summary:** Showers early in the week brought needed moisture to the State. Select areas saw damaging winds along with the rain. The week concluded with above normal temperatures and high humidity. Spraying for soybean aphids continues, as population counts are high. A small number of counties are experiencing soybean sudden death syndrome.

There were 4.2 days suitable for fieldwork, compared to 4.1 days last year at this time. Topsoil moisture rated 5 percent very short, 15 percent short, 74 percent adequate, and 6 percent surplus across the State. Subsoil moisture rated 8 percent very short, 24 percent short, 65 percent adequate, and 3 percent surplus.

**Field Crops Report:** Oats harvested for grain are at 99 percent, 2 percentage points ahead of last year and one percentage point ahead of the five-year average. Corn in milk stage is at 87 percent, equal to last year, but 6 percentage points ahead of the five-year average. Corn in dough stage is at 52 percent, equal to last year, but 9 percentage points ahead of the five-year average. Corn in dent stage is at 14 percent, 1 percentage point ahead of last year and 6 percentage points ahead of the five-year average. Corn condition is rated at 2 percent very poor, 8 percent poor, 26 percent fair, 46 percent good, and 18 percent excellent. Eighty-nine percent of soybeans are setting pods, 2 percentage points behind last year, but 1 percentage point ahead of the five-year average. Soybean condition is rated at 1 percent very poor, 4 percent poor, 24 percent fair, 52 percent good, and 19 percent excellent. The second cutting of alfalfa is virtually complete. The third cutting of alfalfa is 34 percent complete, well behind last year's 46 percent and 4 percentage points behind the five-year average. All hay condition is 6 percent very poor, 20 percent poor, 31 percent fair, 38 percent good, and 5 percent excellent.

**Livestock and Pasture Report:** Pasture condition rated 10 percent very poor, 19 percent poor, 33 percent fair, 32 percent good, and 6 percent excellent. High heat and humidity has caused stress on livestock and pastures.

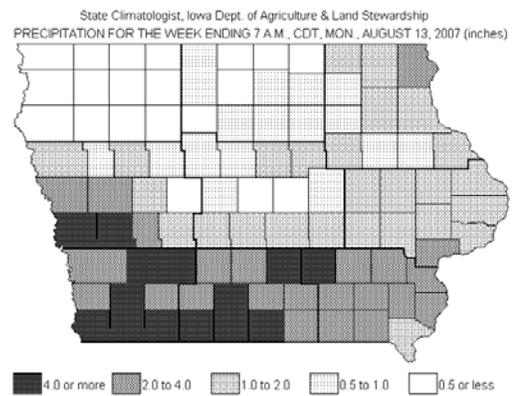
## IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

It was a hot and humid week across Iowa with moderate to heavy rain falling over much of southern Iowa. The past work week began with thunderstorms covering nearly all of the state on Monday (6th) with heaviest rains in west central Iowa. Highs on Monday were in the mid 70's northwest to low 90's south. Tuesday (7th) brought more thunderstorms to the southeast two-thirds of the state with very heavy rains in parts of far southern Iowa. Highs on Tuesday were in the mid 80's north to as high as 101 degrees at Keosauqua in the southeast. Wednesday (8th) was the coolest day of the week with highs in the mid 70's north to upper 80's south while rain fell nearly statewide. Estherville reported the week's lowest temperature with a Thursday morning low of 58 degrees. Heaviest rains Wednesday were in south central and southeast Iowa. Thursday (9th) through Sunday (12th) was hot and humid with highs mostly in the mid to upper 80's north to low to mid 90's south. Thunderstorms dampened about the southwest one-quarter of Iowa late Thursday into Friday morning. Another area of rain clipped the far northeastern corner of the state Saturday (11th) night. Finally, thunderstorms brought more rain to the southwest one-half of the state on Sunday (12th) afternoon into Monday (13th) morning. These last storms were accompanied by reports of severe winds in 15 Iowa counties. Temperatures for the week as a whole averaged from 2 to 3 degrees above normal in the far northwest to 5 to 7 degrees higher than normal in the southeast. The statewide average temperature was 5.1 degrees above normal. Weekly rainfall totals varied from only 0.05 inches at Harris in Osceola County to over 7 inches at Bedford. The statewide average precipitation was 1.89 inches, well above the weekly normal of 1.10 inches.

Statewide Crop Conditions as of August 12, 2007

Item	Very Poor		Poor		Fair		Good		Excellent	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn	2	8	26	46	18					
Hay, all	6	20	31	38	5					
Oats	1	5	29	55	10					
Range & Pasture	10	19	33	32	6					
Soybeans	1	4	24	52	19					

## PRELIMINARY IOWA PRECIPITATION



Provided by Harry Hillaker, State Climatologist

Field Work and Crop Progress as of August 12, 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 in or past milk stage	84	95	86	92	88	83	89	74	71	87	71	87	81	
Corn in or past dough stage	51	58	52	56	61	47	39	42	41	52	27	52	43	
Corn in or past dent stage	15	11	8	18	19	14	7	10	15	14	3	13	8	
Soybeans setting pods	93	92	90	91	96	87	86	73	76	89	82	91	88	
Oats harvested for grain	100	100	100	100	95	100	89	98	99	99	94	97	98	
Hay, alfalfa - second crop harvested	100	100	97	100	100	100	100	98	99	99	97	100	98	
Hay, alfalfa - third crop harvested	50	50	37	39	40	30	29	27	38	34	23	46	38	

Days Suitable & Soil Moisture Condition as of August 12, 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	4.4	4.9	4.7	3.4	4.5	4.7	3.6	2.7	3.8	4.2	5.7	4.1	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	13	2	1	5	5	0	12	6	2	5	18	8	
Short	29	17	13	24	15	2	14	9	7	15	25	24	
Adequate	58	80	85	58	73	98	67	73	83	74	54	63	
Surplus	0	1	1	13	7	0	7	12	8	6	3	5	
Subsoil moisture													
Very short	24	5	0	11	7	0	6	7	12	8	15	20	
Short	48	27	17	28	22	5	26	21	12	24	27	35	
Adequate	28	67	82	51	64	93	66	69	75	65	56	43	
Surplus	0	1	1	10	7	2	2	3	1	3	2	2	

**Weather Summary For Iowa Agricultural Statistics Service**  
**Prepared by AWIS, Inc.**  
**For the week ending: Sunday, August 12, 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	58	73	4	0.13	-0.69	11.51	-3.54	165	21
Sioux Center	94	63	76	5	0.32	-0.38	11.07	-3.98	186	28
Spencer	91	59	74	3	0.11	-0.80	10.82	-5.00	169	16
Spirit Lake	92	62	76	6	0.12	-0.66	12.13	-2.83	181	12
North Central District										
Britt	89	64	74	2	0.31	-0.49	16.99	0.20	168	14
Humboldt	89	67	75	3	0.23	-0.66	17.39	0.20	175	17
Mason City	90	61	75	5	0.66	-0.25	20.04	2.63	179	28
Osage	88	63	74	3	0.70	-0.28	15.12	-2.41	171	5
North East District										
Decorah	88	63	76	5	1.09	0.18	20.32	3.29	184	29
Dubuque	88	64	77	6	1.16	0.15	19.49	1.65	188	39
Elkader	91	62	77	6	0.79	-0.19	22.62	5.70	188	17
Fayette	89	61	75	5	0.71	-0.27	23.76	5.92	179	28
Waterloo	90	65	78	7	1.21	0.36	21.08	2.89	194	42
West Central District										
Carroll	91	66	77	5	1.20	0.34	19.38	0.96	188	31
Castana	90	64	77	4	1.35	0.58	20.47	4.51	190	35
Guthrie Center	92	66	78	6	2.07	1.15	31.28	13.74	197	34
Harlan	91	65	77	5	3.71	2.97	22.96	6.07	192	36
Jefferson	94	68	78	6	0.16	-0.70	21.44	3.02	198	41
Logan	94	65	79	5	3.83	3.06	24.23	7.58	200	30
Rockwell City	91	66	75	3	0.83	-0.06	21.51	4.23	179	18
Sac City	91	65	76	4	1.18	0.34	21.44	4.59	181	23
Sioux City	91	68	77	3	1.16	0.51	19.24	5.10	188	17
Central District										
Boone	93	67	77	5	0.20	-0.71	19.55	1.17	190	32
Des Moines	92	69	80	6	2.16	1.23	19.28	2.44	215	36
Grundy Center	90	65	77	7	1.93	1.08	24.64	6.78	192	47
Marshalltown	91	66	78	7	0.01	-1.04	16.42	-1.65	196	44
Newton	93	69	79	7	1.47	0.63	16.76	-0.49	207	42
Perry	92	69	78	6	0.29	-0.58	23.34	5.94	197	40
Toledo	90	68	79	7	0.98	-0.07	18.42	0.02	203	48
East Central District										
Cedar Rapids	88	67	78	6	0.71	-0.20	18.54	1.47	198	40
Davenport	90	65	79	6	1.37	0.39	21.66	4.83	205	36
Iowa City	92	69	80	6	2.25	1.25	18.50	-0.43	213	38
Lowden	92	64	79	7	1.61	0.60	20.30	1.45	203	43
Maquoketa	88	64	77	6	1.71	0.76	21.52	4.66	189	36
Muscatine	93	71	82	8	1.65	0.74	20.84	3.06	226	76
South West District										
Atlantic	92	68	80	8	2.99	2.22	22.56	6.41	212	54
Clarinda	92	64	79	6	4.95	3.94	24.50	5.20	206	38
Glenwood	94	64	81	7	2.65	1.81	21.08	3.42	218	45
Red Oak	92	66	80	6	3.00	2.09	23.10	4.06	213	35
Sidney	93	68	80	6	3.53	2.55	20.04	1.97	213	37
South Central District										
Allerton	98	67	80	7	5.14	4.23	25.62	7.68	213	74
Beaconsfield	92	67	78	5	5.06	4.19	25.14	7.67	199	32
Chariton	94	65	79	6	2.52	1.68	22.20	3.87	208	41
Indianola	91	67	78	6	2.93	2.09	20.45	2.78	200	36
Leon	96	68	80	7	4.56	3.58	23.41	5.37	213	42
South East District										
Bloomfield	98	70	81	7	3.16	2.18	19.82	1.72	221	47
Burlington	96	70	82	9	2.14	1.30	17.52	0.45	226	55
Ottumwa	93	68	80	5	2.07	1.21	22.24	5.25	211	35
Washington	92	66	80	5	3.16	2.33	29.56	12.86	208	51

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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