

# Iowa Crops & Weather



USDA – National Agricultural Statistical Service  
Iowa Field Office

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## WET AND WINDY

**Agricultural Summary:** Heavy rains left fields wet and soggy. Flooding occurred in low lying areas. Harvest of the third hay cutting has been slowed by wet days. Strong winds blew down many corn fields and damaged livestock buildings and grain bins in some areas.

There was 1.0 day suitable for fieldwork, compared to 5.2 days a year ago. Topsoil moisture rated zero percent very short, 2 percent short, 52 percent adequate, and 46 percent surplus across the state. Subsoil moisture rated 2 percent very short, 3 percent short, 57 percent adequate, and 38 percent surplus.

**Field Crops Report:** Corn in dough stage is at 85 percent, 6 percentage points behind last year but 3 points ahead of the five-year average. Corn in dent stage is at 58 percent, slightly behind last year's 59 percent but ahead of the five-year average of 45 percent. Corn condition rated 3 percent very poor, 7 percent poor, 20 percent fair, 48 percent good, and 22 percent excellent. Soybean condition rated 2 percent very poor, 4 percent poor, 19 percent fair, 52 percent good, and 23 percent excellent. Third cutting of alfalfa is 52 percent complete, well behind last year's 79 percent and 18 percentage points behind the five-year average. All hay condition rated 2 percent very poor, 13 percent poor, 32 percent fair, 45 percent good, and 8 percent excellent.

**Livestock and Pasture Report:** Pasture condition rated 2 percent very poor, 8 percent poor, 29 percent fair, 47 percent good, and 14 percent excellent. Feed lots are muddy.

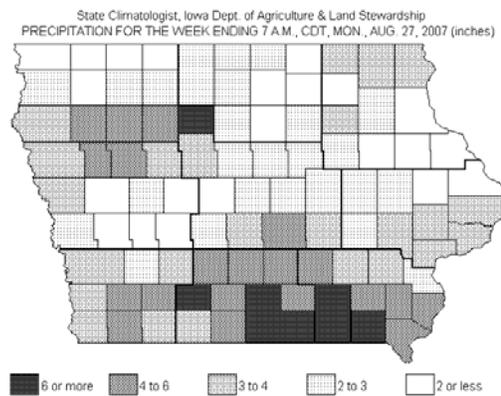
## IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

It was an exceptionally wet week across Iowa. There was statewide coverage of thunderstorms from Monday (20<sup>th</sup>) through Friday (24<sup>th</sup>) morning. On Monday and Tuesday the heaviest rains were concentrated across northwest Iowa. On Wednesday the heavier rains were in west central sections of the state. However, the greatest rains by far in this very wet week and month came on Thursday night into Friday morning in far southern Iowa. Overnight rains of five inches or more covered a large area of south central and southeast Iowa on Thursday night with 12.34 inches at Lake Rathbun Dam. Saturday (25<sup>th</sup>) and Sunday (26<sup>th</sup>) finally brought much needed dry weather. However, thunderstorms dampened portions of northeast Iowa again early Monday (27<sup>th</sup>) morning. Weekly rain totals varied from 0.90 inches at Coon Rapids to 15.29 inches at Lake Rathbun. The statewide average precipitation was 3.36 inches or three times the weekly normal of 1.08 inches. This was the wettest week since the third week of May 2004. The statewide average precipitation for the month of August through 7 a.m. CDT on Monday the 27<sup>th</sup> is estimated to be 8.78 inches. This easily surpasses 1993's total of 8.24 inches as the wettest August among 135 years of state records. Meanwhile, temperatures during the past week averaged from 1 degree above normal in the northwest to as much as 4 degrees warmer than usual in the southeast. The statewide average temperature was 2.5 degrees above normal.

Statewide Crop Conditions as of August 26, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	7	20	48	22
Hay, all	2	13	32	45	8
Range & Pasture	2	8	29	47	14
Soybeans	2	4	19	52	23

## PRELIMINARY IOWA PRECIPITATION



Provided by Harry Hillaker, State Climatologist

Field Work and Crop Progress as of August 26, 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 dough stage	89	89	76	88	88	83	78	84	78	85	73	91	82
Corn in or past dent stage	63	60	50	62	70	56	44	51	46	58	39	59	45
Hay, alfalfa - third crop harvested	65	77	56	72	60	43	52	41	56	52	43	79	70

Days Suitable & Soil Moisture Condition as of August 26, 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	0.5	0.4	0.7	1.6	0.9	0.9	1.7	1.2	1.9	1.0	3.9	5.2
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	1	0	0	2	0	0	1	0	0	0	3	2
Short	5	1	0	3	3	0	1	0	0	2	9	14
Adequate	62	53	32	55	42	68	76	35	48	52	70	79
Surplus	32	46	68	40	55	32	22	65	52	46	18	5
Subsoil moisture												
Very short	5	0	0	5	0	0	1	1	0	2	3	10
Short	10	1	0	6	2	0	4	2	2	3	14	31
Adequate	60	49	38	51	48	70	85	52	72	57	71	57
Surplus	25	50	62	38	50	30	10	45	26	38	12	2

**Weather Summary For Iowa Agricultural Statistics Service**  
**Prepared by AWIS, Inc.**  
**For the week ending: Sunday, August 26, 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	83	54	70	3	4.05	3.21	18.83	2.10	140	19
Sioux Center	85	55	71	2	3.63	2.86	16.10	-0.49	150	13
Spencer	86	53	70	3	3.91	3.01	17.15	-0.48	144	14
Spirit Lake	87	56	70	2	2.90	2.06	21.15	4.51	138	-13
North Central District										
Britt	82	54	70	1	4.24	3.47	25.27	6.94	139	3
Humboldt	82	56	70	2	8.85	8.01	30.93	12.06	140	3
Mason City	84	53	70	3	3.02	2.07	26.69	7.42	145	17
Osage	84	56	69	0	3.59	2.54	22.28	2.68	134	-12
North East District										
Decorah	83	52	70	1	3.44	2.53	29.45	10.60	140	4
Dubuque	86	56	72	4	3.30	2.18	24.07	4.06	156	27
Elkader	85	52	71	3	5.61	4.65	31.57	12.71	149	-2
Fayette	83	56	70	3	5.08	4.10	31.11	11.31	146	16
Waterloo	85	55	73	4	6.33	5.56	28.94	9.19	160	28
West Central District										
Carroll	89	55	72	3	3.21	2.37	24.49	4.39	157	20
Castana	87	55	71	0	3.23	2.39	25.00	7.39	150	14
Guthrie Center	89	54	73	3	4.45	3.47	37.09	17.59	165	22
Harlan	88	55	73	3	2.96	2.10	27.07	8.55	163	28
Jefferson	90	56	74	5	2.68	1.84	25.21	5.11	168	31
Logan	90	57	74	4	2.20	1.40	28.23	10.01	171	22
Rockwell City	86	55	71	1	6.65	5.78	29.15	10.16	148	5
Sac City	87	55	72	3	6.86	5.95	29.74	11.14	155	19
Sioux City	88	56	72	2	5.55	4.86	25.50	10.04	159	10
Central District										
Boone	89	55	73	4	8.35	7.43	30.52	10.31	159	21
Des Moines	90	59	75	3	2.85	1.87	22.99	4.19	178	20
Grundy Center	87	57	73	6	5.41	4.59	32.52	13.00	164	39
Marshalltown	87	56	73	5	4.90	3.85	21.97	1.80	166	36
Newton	91	58	74	4	4.53	3.62	22.25	3.24	170	25
Perry	89	57	74	5	2.54	1.63	26.59	7.37	170	34
Toledo	88	57	73	4	3.48	2.47	22.36	1.90	163	29
East Central District										
Cedar Rapids	87	56	73	4	3.46	2.55	22.62	3.73	162	23
Davenport	89	56	75	4	5.77	4.81	28.45	9.68	173	22
Iowa City	89	59	75	3	5.34	4.36	24.05	3.16	177	19
Lowden	90	52	73	5	3.82	2.77	25.26	4.31	163	22
Maquoketa	88	54	72	4	2.22	1.17	25.34	6.44	156	23
Muscatine	91	61	77	5	5.65	4.76	26.94	7.41	188	58
South West District										
Atlantic	90	55	74	5	2.77	1.93	26.48	8.72	170	33
Clarinda	90	60	75	5	4.52	3.50	30.16	8.86	175	27
Glenwood	93	59	76	5	5.07	4.16	27.70	8.27	183	29
Red Oak	90	61	75	3	4.79	3.81	29.65	8.67	179	21
Sidney	91	62	76	5	4.01	3.08	24.56	4.60	183	28
South Central District										
Allerton	90	58	74	4	9.32	8.34	36.36	16.52	171	53
Beaconsfield	88	59	73	3	3.68	2.77	29.87	10.59	167	19
Chariton	90	59	75	5	7.65	6.71	30.60	10.45	176	29
Indianola	89	59	74	4	5.24	4.33	26.87	7.44	169	25
Leon	89	57	75	5	7.03	5.98	31.53	11.40	176	26
South East District										
Bloomfield	89	61	76	4	10.71	9.66	31.06	10.91	182	26
Burlington	93	60	78	7	6.36	5.46	24.12	5.31	200	48
Ottumwa	88	58	75	3	6.85	5.97	29.43	10.72	176	19
Washington	90	55	75	3	3.03	2.19	33.15	14.79	177	40

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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