

# Iowa Crops & Weather



USDA – National Agricultural Statistical Service  
Iowa Field Office

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)  
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## HOT WEATHER CONTINUES

**Agricultural Summary:** In several parts of Iowa, crops continued to show stress as temperatures reached the mid-nineties and rainfall remained sporadic. However in the early in the week, some areas received a “million-dollar” rainfall with totals varying between 1 and 4 inches. In general, northeastern counties experienced the most plentiful rains to date, but areas remain short on moisture.

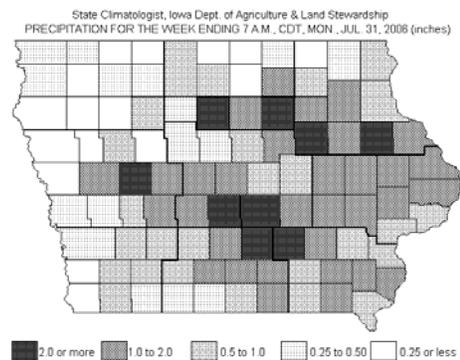
There were 5.8 **days suitable for fieldwork** last week, compared to 5.0 days last year, and the 5-year average of 5.4 days. **Topsoil moisture** rated 33 percent very short, 34 percent short, 32 percent adequate, and 1 percent surplus. **Subsoil moisture** rated 33 percent very short, 38 percent short, and 29 percent adequate, statewide.

**Field Crops Report:** **Oats harvested for grain** reached 81 percent this past week, behind the previous year’s 86 percent, but 9 percentage points ahead of the 5-year average. **Corn tasseled** was at 99 percent in the state, ahead of both the previous year’s 98 percent and the 5-year average of 94 percent. **Corn silked**, at 94 percent, was 2 days ahead of last year and 8 days ahead of the 5-year average. **Corn in the milk stage** was reported at 46 percent and 11 percent of the corn has reached the dough stage. **Corn condition** was reported as 5 percent very poor, 12 percent poor, 26 percent fair, 42 percent good, and 15 percent excellent. **Soybeans blooming** were reported at 94 percent, equal with last year’s average but 5 percentage points ahead of the 5-year average. The percentage of **soybeans setting pods** was 66 percent, ahead of the 63 percent reported last year and the five-year average of 52 percent. The **soybean condition** was reported as 4 percent very poor, 12 percent poor, 29 percent fair, 44 percent good, and 11 percent excellent. The **hay condition** across the state was reported as 12 percent very poor, 14 percent poor, 29 percent fair, 34 percent good, and 11 percent excellent. The **second alfalfa harvest** was reported at 97 percent complete. The **third alfalfa harvest** has begun and has reached 15 percent completion.

**Livestock, Pasture and Range Report:** **Pasture and range** rated 22 percent very poor, 26 percent poor, 28 percent fair, 18 percent good, and 6 percent excellent. Many parts of Iowa continued to experience dry conditions with reports of supplemental feeding of hay and grain to livestock on pasture. Some herds have been liquidated as the condition of pastures deteriorated. There were also reports of heat related livestock deaths.

## IOWA PRELIMINARY WEATHER SUMMARY

Iowa weather summary for the week ending 7 a.m., CDT, Monday, July 31, 2006: Temperatures were above normal throughout the week with the hottest weather over the weekend. Daily high temperatures were mostly in the 80’s east and 90’s west from Monday (24th) through Friday (28th) with 90’s statewide over the weekend. However, a few areas in the south and west reached into the 100’s on Saturday (29th) and Sunday (30th). Temperature extremes for the week ranged from a Thursday (27th) morning low of 60 degrees at Estherville to a Sunday (30th) afternoon high of 104 degrees at Castana. Temperatures for the week as a whole averaged from 3.6 degrees above normal at Ottumwa to 8.9 degrees above normal at Spencer with a statewide average of 6.4 degrees warmer than usual. Thunderstorms were widespread over all but the far southwest corner of the state on Tuesday (25th) into Wednesday (26th) morning with locally heavy rainfall in parts of central and east central Iowa. However, very little rain fell for the remainder of the week. There were only a few isolated thunderstorms scattered across Iowa on Monday (24th) with light to moderate rain over portions of the southern one-third of the state on Thursday (27th). Weekly rain totals varied from none at Shenandoah and 0.01 inches at Sioux City and Swea City to 4.41 inches near Oskaloosa. The statewide average precipitation was 0.96 inches or just slightly more than the weekly normal of 0.94 inches.



Statewide Crop Conditions as of July 30, 2006

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	5	12	26	42	15
Hay, all	12	14	29	34	11
Range & Pasture	22	26	28	18	6
Soybeans	4	12	29	44	11

Field Work and Crop Progress as of July 30, 2006

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	98	100	97	98	99	99	100	95	99	99	99	93	98	94
Corn silked	92	98	85	96	98	91	93	92	96	94	80	91	83	
Corn in or past milk stage	41	47	40	41	62	38	53	56	38	46	16	44	32	
Corn in or past dough stage	6	9	7	5	23	8	20	13	18	11	4	19	9	
Soybeans blooming	98	98	91	93	95	88	94	87	92	94	85	94	89	
Soybeans setting pods	67	74	72	58	81	64	60	46	55	66	43	63	52	
Oats harvested for grain	88	82	73	80	75	81	99	92	84	81	47	86	72	
Hay, alfalfa - second crop harvested	95	98	95	99	100	93	98	100	96	97	89	97	88	
Hay, alfalfa - third crop harvested	25	4	14	21	13	3	15	14	17	15	NA	NA	NA	

Days Suitable & Soil Moisture Condition as of July 30, 2006

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	6.5	6.1	5.7	6.1	5.5	4.5	5.8	5.6	5.6	5.8	5.9	5.0	
Topsoil moisture													
Very short	64	32	11	53	18	6	34	44	28	33	34	16	
Short	33	37	19	30	32	35	41	45	38	34	30	23	
Adequate	3	31	68	17	49	51	25	11	33	32	35	58	
Surplus	0	0	2	0	1	8	0	0	1	1	1	3	
Subsoil moisture													
Very short	46	30	13	41	20	7	32	68	44	33	30	18	
Short	42	38	29	42	41	35	49	27	38	38	36	25	
Adequate	12	31	58	17	38	58	19	5	17	29	33	55	
Surplus	0	1	0	0	1	0	0	0	1	0	1	2	

**Weather Summary For Iowa Agricultural Statistics Service**  
**Prepared by AWIS, Inc.**  
**For the week ending: Sunday, July 30, 2006**

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	96	60	79	8	0.10	-0.67	10.26	-3.31	203	49
Sioux Center	99	64	81	8	0.24	-0.47	9.32	-4.43	221	53
Spencer	96	65	81	9	1.72	0.81	10.24	-3.89	219	58
Spirit Lake	97	63	81	9	0.13	-0.65	9.25	-4.20	217	39
North Central District										
Britt	93	63	78	6	0.04	-0.86	12.61	-2.66	200	39
Humboldt	93	64	78	5	0.42	-0.49	9.56	-5.96	197	29
Mason City	94	64	79	7	0.14	-0.77	15.53	-0.19	203	43
Osage	91	66	77	5	0.37	-0.61	14.82	-0.89	194	19
North East District										
Decorah	94	62	79	7	0.10	-0.74	15.19	-0.19	207	46
Dubuque	90	64	77	6	1.61	0.70	19.83	3.83	194	37
Elkader	93	57	78	6	0.69	-0.29	15.41	0.31	195	13
Fayette	93	62	77	5	1.86	0.88	16.56	0.55	193	33
Waterloo	92	64	79	7	2.15	1.12	14.81	-1.73	207	46
West Central District										
Carroll	91	61	79	5	2.41	1.50	11.85	-4.93	204	36
Castana	100	66	82	8	0.29	-0.41	8.32	-6.25	223	62
Guthrie Center	93	58	78	4	1.07	0.26	17.24	1.36	196	22
Harlan	91	63	78	3	0.27	-0.50	13.92	-1.58	195	28
Jefferson	94	63	80	6	1.90	0.99	13.29	-3.49	211	43
Logan	96	64	80	4	0.55	-0.22	11.37	-3.85	211	29
Rockwell City	92	59	79	5	0.24	-0.69	10.56	-5.05	205	35
Sac City	94	63	81	7	0.71	-0.08	7.17	-8.12	216	48
Sioux City	99	67	82	7	0.01	-0.69	7.83	-5.06	227	45
Central District										
Boone	93	62	78	4	1.91	1.10	17.08	0.34	195	27
Des Moines	95	70	81	5	1.86	1.02	11.90	-3.24	220	31
Grundy Center	93	68	79	7	1.09	0.12	14.19	-2.04	203	49
Marshalltown	93	67	79	6	0.60	-0.38	13.23	-2.91	202	41
Newton	97	66	80	6	3.40	2.56	12.10	-3.59	212	37
Perry	93	65	79	6	2.11	1.29	15.99	0.18	204	36
Toledo	94	60	78	5	0.61	-0.39	11.40	-5.07	200	38
East Central District										
Cedar Rapids	91	66	78	5	1.66	0.77	10.52	-4.92	198	30
Davenport	94	68	79	5	0.80	-0.10	14.35	-0.72	206	28
Iowa City	93	67	82	6	1.14	0.06	13.03	-4.00	223	39
Lowden	93	61	79	6	1.35	0.37	16.24	-0.76	203	35
Maquoketa	90	59	77	4	1.27	0.45	22.04	6.88	188	27
Muscatine	93	62	79	4	1.32	0.36	16.82	0.73	203	45
South West District										
Atlantic	94	67	80	7	0.48	-0.32	15.23	0.51	212	44
Clarinda	92	61	78	3	1.13	0.05	12.78	-4.61	196	14
Glenwood	99	64	81	5	0.04	-0.80	11.61	-4.49	218	36
Red Oak	96	63	80	4	0.50	-0.41	12.33	-5.02	214	25
Sidney	99	63	81	4	0.16	-0.89	13.23	-3.00	216	27
South Central District										
Allerton	95	63	79	4	0.44	-0.54	10.59	-5.61	201	54
Beaconsfield	94	62	78	4	0.34	-0.58	11.76	-4.06	200	24
Chariton	96	65	79	4	1.54	0.62	12.36	-4.38	205	29
Indianola	94	60	78	4	2.04	1.20	13.75	-2.36	201	26
Leon	96	59	78	3	0.54	-0.37	11.98	-4.26	200	18
South East District										
Bloomfield	96	63	80	4	0.77	-0.25	12.08	-4.18	209	27
Burlington	95	66	81	6	1.77	0.86	9.79	-5.66	219	37
Ottumwa	94	67	80	4	0.94	-0.03	10.96	-4.39	210	24
Washington	94	62	78	3	1.19	0.30	12.44	-2.71	199	31

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 2006: AWIS, Inc. All Rights Reserved.