

# 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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## WARM AND WINDY

**Agricultural Summary:** A week of warm, windy weather resulted in one-third of the State's topsoil being rated either short or very short. This is a significant change from a week ago when over 90 percent of Iowa's topsoil had adequate or surplus moisture. Only a few areas of Iowa saw any precipitation in the past week. This allowed farmers to catch up on spraying although winds prevented some applications.

There were 6.6 days suitable for fieldwork, compared to 5.7 days last year at this time. Topsoil moisture rated 4 percent very short, 29 percent short, 64 percent adequate, and 3 percent surplus across the state. Subsoil moisture rated 1 percent very short, 8 percent short, 82 percent adequate, and 9 percent surplus.

**Field Crops Report:** Oats headed are at 67 percent, marginally behind last year's 68 percent, but ahead of the five-year average of 63 percent. Oats across the state are beginning to turn color. The condition of the oat crop is zero percent very poor, 3 percent poor, 20 percent fair, 61 percent good, and 16 percent excellent. Average corn height is 24 inches; an increase of 10 inches from the previous week. Corn condition is basically unchanged from last week at 1 percent very poor, 3 percent poor, 18 percent fair, 57 percent good, and 21 percent excellent. Soybeans are 97 percent emerged. Soybean condition is also virtually unchanged from the previous week at zero percent very poor, 3 percent poor, 20 percent fair, 60 percent good, and 17 percent excellent. First cutting of alfalfa hay, at 79 percent complete, remains well behind last year's 96 percent, but slightly ahead of the five-year

average of 76 percent. All hay condition is 2 percent very poor, 10 percent poor, 30 percent fair, 49 percent good, and 9 percent excellent.

**Livestock and Pasture Report:** Pasture condition rated 1 percent very poor, 5 percent poor, 28 percent fair, 54 percent good, and 12 percent excellent. Fly populations have become an issue for some farmers and ranchers. Heat and rising humidity caused stress for livestock.

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

It was a very warm and mostly dry week across Iowa. High temperatures were mostly in the mid 80's to low 90's. In parts of east central and southeast Iowa high temperatures were in the nineties everyday from Tuesday through Sunday. Temperature extremes ranged from a Wednesday (13<sup>th</sup>) morning low of 53 degrees at Cresco to a Saturday (16<sup>th</sup>) afternoon high of 95 degrees at Keosauqua. Temperatures for the week as a whole averaged 6.2 degrees above normal. Extreme western Iowa received some light to moderate rainfall on Wednesday (13<sup>th</sup>) and Thursday (14<sup>th</sup>) while showers and thunderstorms were scattered across the northeast one-half of the state on Saturday (16<sup>th</sup>) and Sunday (17<sup>th</sup>). There was no precipitation recorded across about the southern one-third of Iowa while Sioux City recorded the most rain with 1.80 inches. The statewide average precipitation was only 0.15 inches while normal for the week is 1.26 inches.

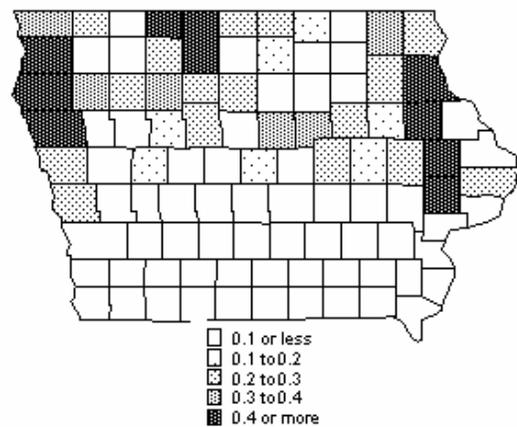
### Statewide Crop Conditions as of June 17, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	18	57	21
Hay, all	2	10	30	49	9
Oats	0	3	20	61	16
Range & Pasture	1	5	28	54	12
Soybeans	0	3	20	60	17

### PRELIMINARY IOWA PRECIPITATION

Provided by Harry Hillaker, State Climatologist

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON. JUN. 18, 2007 ( inches)



### Field Work and Crop Progress as of June 17, 2007

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches					
Corn, average tallest height	39	37	34	34	35	36	37	39	48	37	24	NA	NA	
Corn, average height	27	25	26	22	22	26	22	20	29	24	14	NA	NA	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Corn stand (normal = 100%)	97	96	93	91	89	96	88	90	92	93	92	96	NA	
Oats headed	74	70	69	55	63	71	70	66	58	67	31	68	63	
Hay, alfalfa - first crop harvested	97	94	95	83	90	92	76	80	70	79	49	96	76	

### Days Suitable & Soil Moisture Condition as of June 17, 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	6.1	6.5	6.6	6.7	6.8	6.7	6.9	6.8	6.6	6.6	4.8	5.7	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	5	4	0	12	0	5	10	1	0	4	0	21	
Short	38	31	26	34	30	37	14	20	22	29	7	33	
Adequate	54	64	74	50	64	57	67	75	75	64	77	45	
Surplus	3	1	0	4	6	1	9	4	3	3	16	1	
Subsoil moisture													
Very short	1	1	0	3	0	0	1	0	1	1	0	12	
Short	14	11	8	9	3	10	7	4	9	8	2	33	
Adequate	76	86	90	80	82	82	60	91	87	82	78	54	
Surplus	9	2	2	8	15	8	32	5	3	9	20	1	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, June 17, 2007**

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			DFN	PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG		TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	88	56	75	8	0.71	-0.27	6.48	-1.96	175	52
Sioux Center	93	62	77	8	0.96	-0.10	8.09	-0.32	189	50
Spencer	91	60	77	9	0.08	-0.83	5.46	-3.00	190	60
Spirit Lake	90	62	76	10	0.47	-0.56	7.02	-0.97	186	38
North Central District										
Britt	89	62	76	6	0.03	-1.02	10.02	0.95	182	42
Humboldt	87	62	75	6	0.29	-0.79	10.04	0.71	179	45
Mason City	90	58	75	8	0.23	-0.85	11.58	1.96	177	50
Osage	89	60	74	7	0.34	-0.70	9.93	0.30	171	27
North East District										
Decorah	89	56	74	6	0.36	-0.66	10.12	0.47	168	39
Dubuque	90	56	74	7	0.02	-0.96	8.31	-2.05	168	45
Elkader	92	51	72	4	0.41	-0.50	11.58	2.24	154	8
Fayette	90	58	73	6	0.00	-0.98	12.59	2.74	166	40
Waterloo	90	59	74	6	0.42	-0.63	11.44	1.60	169	37
West Central District										
Carroll	90	61	76	7	0.42	-0.77	13.39	2.97	181	45
Castana	89	63	75	6	0.05	-1.02	13.60	4.06	175	41
Guthrie Center	94	55	75	6	0.00	-1.18	20.95	10.63	175	38
Harlan	92	62	76	6	0.54	-0.51	14.64	4.66	184	46
Jefferson	91	59	75	7	0.02	-1.17	13.52	3.10	179	43
Logan	91	62	76	6	0.00	-1.05	15.94	6.01	188	40
Rockwell City	90	60	75	5	0.42	-0.63	13.97	4.56	178	34
Sac City	90	62	76	7	0.55	-0.57	12.58	2.85	181	48
Sioux City	91	64	77	7	1.80	0.95	14.40	6.24	190	46
Central District										
Boone	89	58	74	6	0.00	-1.26	13.77	2.95	171	37
Des Moines	91	65	77	6	0.00	-1.07	11.56	2.00	189	39
Grundy Center	89	58	74	7	0.70	-0.35	12.46	2.57	171	44
Marshalltown	89	58	74	6	0.00	-1.12	10.70	0.79	171	37
Newton	93	56	75	6	0.00	-1.09	10.00	-0.08	179	38
Perry	90	59	76	7	0.02	-1.15	15.91	5.77	181	45
Toledo	90	59	74	6	0.27	-0.80	9.81	-0.44	172	42
East Central District										
Cedar Rapids	89	58	74	4	0.00	-1.09	9.73	0.27	167	29
Davenport	93	59	76	5	0.00	-1.05	8.31	-1.08	183	35
Iowa City	91	59	75	4	0.04	-1.01	9.10	-1.12	178	25
Lowden	94	55	74	5	1.02	-0.10	8.94	-1.68	165	27
Maquoketa	90	55	73	5	0.09	-1.03	9.05	-0.61	165	32
Muscatine	92	59	77	6	0.19	-0.82	9.07	-0.76	188	61
South West District										
Atlantic	91	63	77	8	0.28	-0.70	16.37	7.11	190	51
Clarinda	90	60	74	3	1.27	0.22	15.40	4.81	168	20
Glenwood	90	64	76	5	0.11	-1.01	16.84	6.42	185	37
Red Oak	91	64	76	4	0.11	-1.15	17.04	6.15	184	29
Sidney	90	65	75	4	0.00	-0.98	13.26	3.50	181	26
South Central District										
Allerton	89	60	73	4	0.00	-1.02	15.48	5.65	163	47
Beaconsfield	90	59	73	5	0.00	-1.01	15.60	5.93	164	27
Chariton	91	53	72	3	0.01	-1.12	14.92	4.67	153	16
Indianola	90	60	74	5	0.08	-1.04	11.00	0.65	172	31
Leon	89	55	71	2	0.00	-1.04	13.55	3.02	150	13
South East District										
Bloomfield	91	60	74	4	0.04	-0.91	11.41	1.37	173	23
Burlington	94	61	78	7	0.01	-0.93	6.54	-2.98	194	44
Ottumwa	92	59	75	3	0.00	-0.86	12.37	3.04	174	21
Washington	93	57	74	3	0.00	-0.91	11.36	1.99	171	35

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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