

# Iowa Crops & Weather



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For the week ending May 15, 2005

## Cool, Wet Weather Slows Field Work

Excessive rain and cooler temperatures hindered field work and worsened crop conditions. Standing water, saturated soil, erosion and seed rot were commonly reported problems this past week. All weather stations reported in excess of 1 inch of rainfall with one West Central location reporting 6.2 inches of rain. Several planted corn and soybean fields have not emerged because of unfavorable conditions.

There were 1.9 **days suitable for fieldwork**, compared to 6.0 days from the previous week. **Topsoil moisture** rated 0 percent very short, 1 percent short, 67 percent adequate, and 32 percent surplus across Iowa. **Subsoil moisture** rated 0 percent very short, 5 percent short, 70 percent adequate, and 25 percent surplus.

Field Crops Report: **Oat emergence** was 99 percent complete, slightly ahead of last year's 97 percent and the 5-year average of 94 percent. **Corn planted** was 96 percent, 1 percentage point behind last year's progress of 97 percent, but 10 percentage points ahead of the 5-year average of 86 percent. **Corn emergence** was at 41 percent, up from 14 percent a week ago. **Soybean plantings** progressed to 45 percent complete, well behind last year's rating of 72 percent, but near the 5-year average of 47 percent. **Soybean emergence** at 4 percent made little progress from 1 percent a week ago. Last year's emergence rated at 19 percent and the 5-year average was at 13 percent. **Primary seedbed preparations** were 95 percent complete, slightly behind last year's 97 percent, but above the 5-year average of 92 percent.

Livestock, Pasture and Range Report: Livestock are reported to be in generally good condition. Isolated reports of scours as well as flu in hogs continue to be collected. Pasture and range conditions remained about the same as the previous week at 0 percent very poor, 3 percent poor, 16 percent fair, 61 percent

good, and 20 percent excellent.

## Iowa Weather Summary

The major weather story of the past week was a period of widespread rainfall from late Tuesday (10th) through early Friday (13th). The heaviest rains fell across southwest and central Iowa although nearly all of the state received at least an inch of rain. Weekly rain totals varied from 0.87 inches at Fulton (Jackson Co.) to 6.70 inches at Adair. The statewide average precipitation was 2.43 inches while normal for the week is 0.93 inches. This was Iowa's wettest week since May 2004.

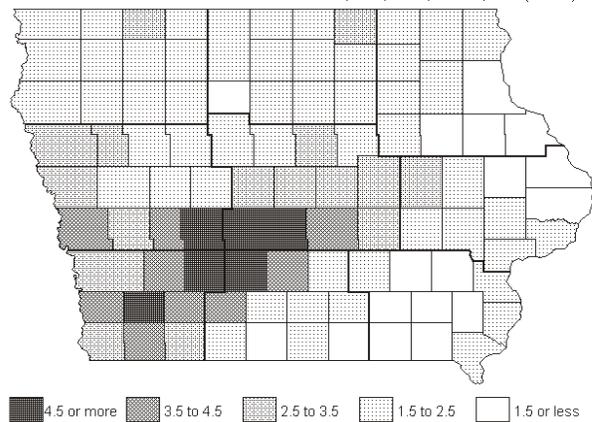
The first two days of the past work week brought above normal temperatures to the state. Highs were in the 70's over all but far northwest Iowa on Monday (9th). On Tuesday (10th) temperatures soared into the low 90's in extreme southwest Iowa while readings in the far northwest were only in the 60's. On Wednesday (11th) highs ranged from the 50's northwest to low 80's southeast. Thursday (12th) brought high temperatures from only the upper 40's northwest to the mid 60's south. On Friday (13th) highs ranged from the mid 50's northwest to low 70's southeast. Highs over the weekend were in the 40's and 50's north to the 50's and 60's south. Temperature extremes for the week ranged from a Tuesday (10th) afternoon high of 94 degrees at Glenwood to Monday (16th) morning lows of 30 degrees at Anamosa, Elkader and Lowden. Temperatures for the week as a whole averaged from 0.3 degrees above normal at Burlington to 5.0 degrees below normal at Spencer (statewide average 3.1 degrees below normal).

Severe weather was reported from 24 counties on Tuesday with several reports of golfball size hail received from west central Iowa. Finally, soil temperatures as of Sunday (15th) were averaging near 50 north to the upper 50's south.

## Statewide Crop Conditions as of May 15, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	9	39	42	7
Oats	0	3	20	61	16
Range & Pasture	0	3	16	61	20

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., MAY 16, 2005 (inches)



## Field Work and Crop Progress as of May 15, 2005

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 planted	97	96	95	95	95	98	95	92	96	96	90	97	86	
Corn emerged	20	39	27	39	49	60	51	41	58	41	14*	68	50	
Soybeans planted	29	20	55	41	55	57	58	61	64	45	26	72	47	

\*Revised

## Days Suitable & Soil Moisture Condition as of May 15, 2005

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	1.4	0.5	2.5	2.3	2.0	2.1	2.2	2.4	2.8	1.9	6.0	3.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	0	0	0	0	0	0	0	0	0	1	2	
Short	0	0	2	1	3	1	0	2	4	1	17	14	
Adequate	43	45	71	72	70	87	52	82	85	67	76	77	
Surplus	57	55	27	27	27	12	48	16	11	32	6	7	
Subsoil moisture													
Very short	0	0	0	0	0	0	0	0	0	0	1	4	
Short	0	1	7	10	3	4	5	3	8	5	14	23	
Adequate	63	49	73	68	66	86	56	88	89	70	78	69	
Surplus	37	50	20	22	31	10	39	9	3	25	7	4	

**Weather Summary For Iowa Agricultural Statistics Service**  
**Prepared by AWIS, Inc.**  
**For the week ending: Sunday, May 15, 2005**

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	76	36	53	-4	2.03	1.33	6.15	1.84	35	-19
Sioux Center	81	32	55	-5	1.85	1.13	5.32	1.38	39	-29
Spencer	81	33	55	-4	1.71	0.93	7.18	2.82	42	-17
Spirit Lake	70	33	51	-6	3.12	2.47	8.35	4.52	22	-53
North Central District										
Britt	76	37	53	-6	2.67	1.90	9.96	5.29	35	-32
Humboldt	78	37	54	-6	1.86	1.05	6.28	1.55	39	-22
Mason City	77	39	55	-3	2.52	1.62	8.93	4.11	46	-12
Northwood	77	38	54	-4	2.53	1.72	7.96	3.27	42	-16
North East District										
Decorah	79	38	56	-3	3.68	2.84	5.55	0.34	51	-14
Dubuque	79	38	57	-1	1.44	0.46	4.04	-1.70	55	-2
Elkader	79	38	58	0	1.24	0.36	4.44	-0.61	60	-19
Independence	80	38	56	-2	1.75	0.89	6.69	1.52	54	-28
Waterloo	79	37	57	-3	1.95	1.04	5.02	-0.19	56	-10
West Central District										
Audubon	82	37	56	-5	4.50	3.53	7.68	2.41	53	-24
Carroll	84	37	56	-4	2.26	1.32	5.80	0.53	50	-16
Castana	81	36	56	-5	2.86	1.95	7.25	2.66	49	-16
Guthrie Center	85	34	57	-3	6.20	5.29	12.16	6.99	57	-12
Harlan	86	37	57	-3	2.96	2.00	6.88	1.80	59	-13
Jefferson	83	37	57	-3	2.32	1.38	4.95	-0.32	52	-14
Logan	88	36	58	-3	4.19	3.19	9.44	4.47	66	-11
Rockwell City	79	36	55	-6	2.46	1.56	5.65	1.00	42	-30
Sioux City	87	34	57	-4	2.03	1.22	6.21	2.22	57	-18
Central District										
Ames	83	39	58	0	2.98	2.04	6.87	1.57	64	1
Boone	83	36	57	-3	2.89	1.94	5.82	0.50	56	-13
Des Moines	85	40	60	-2	4.54	3.77	9.27	4.26	72	-7
Eldora	80	38	56	-4	2.25	1.35	6.88	1.88	51	-14
Marshalltown	80	38	58	-2	2.80	1.94	7.18	2.16	59	-4
Newton	84	39	58	-3	4.12	3.20	8.19	3.01	62	-12
Perry	82	39	57	-2	4.56	3.65	8.17	3.14	56	-12
Toledo	80	37	56	-2	3.69	2.71	6.38	1.10	56	-4
East Central District										
Cedar Rapids	81	37	59	-1	2.48	1.68	5.51	0.64	64	-6
Davenport	84	39	61	0	1.82	1.02	2.85	-2.08	75	0
Iowa City	84	41	61	-1	1.42	0.52	4.47	-1.16	80	-3
Lowden	85	37	59	0	2.02	1.11	4.37	-1.33	66	-4
Maquoketa	81	36	57	0	1.24	0.41	2.64	-2.28	59	-1
Muscatine	83	42	60	-2	2.59	1.73	4.69	-0.63	72	11
South West District										
Clarinda	88	38	60	-2	4.93	3.88	9.22	3.67	71	-6
Glenwood	89	38	61	0	4.39	3.34	8.75	3.66	83	4
Oakland	88	38	59	-2	3.71	2.83	7.03	2.23	68	-2
Red Oak	89	40	61	-2	4.14	3.16	7.26	1.76	78	-6
Sidney	88	37	61	-1	3.01	2.06	7.49	2.35	85	0
South Central District										
Allerton	82	40	60	0	1.58	0.67	5.07	-0.17	71	23
Beaconsfield	84	39	60	1	1.78	0.90	6.82	1.69	74	3
Chariton	85	40	60	2	2.00	1.11	6.41	1.02	72	2
Indianola	83	39	58	-2	4.18	3.27	9.22	3.69	62	-10
Leon	86	40	61	1	1.36	0.38	5.02	-0.59	75	3
South East District										
Bloomfield	85	43	61	0	1.44	0.50	5.29	-0.20	82	0
Burlington	86	42	65	5	2.43	1.59	6.14	0.85	107	27
Ottumwa	85	39	61	-1	1.23	0.32	5.40	0.22	80	-2

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 2005: AWIS, Inc. All Rights Reserved.