

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending April 8, 2007

COLD COLD COLD

Agricultural Summary: Although freezing temperatures have not let fields dry for planting, frozen fields did allow spreading of manure. Grain movement picked up with frost firming roadways.

There were 0.8 days suitable for fieldwork, compared to 1.9 days last year at this time. Topsoil moisture rated zero percent very short, 1 percent short, 63 percent adequate, and 36 percent surplus across the state. Subsoil moisture rated zero percent very short, 4 percent short, 69 percent adequate, and 27 percent surplus.

Field Crops Report: Oats seedings were 9 percent complete, below last year's and the five year average of 17 percent and 40 percent, respectively. No significant corn planting was reported in the state. Last week's cold temperature froze young alfalfa. Fertilizer application, at 57 percent, was 3 percentage points below both last year and the five-year average.

Livestock, Pasture and Range Report: Pasture and range condition rated 5 percent very poor, 16 percent poor, 34 percent fair, 39 percent good, and 6 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

A strong cold front moved across Iowa on Monday (2nd) bringing showers and thunderstorms to most of the state Monday night

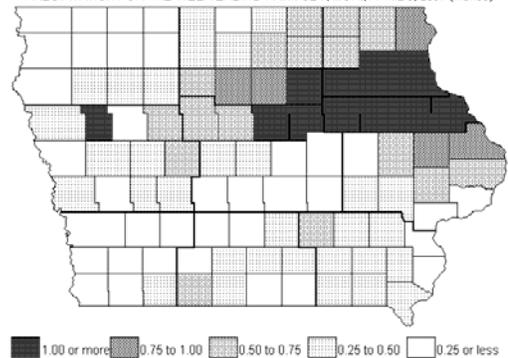
into Tuesday (3rd) morning. Large hail and/or high winds were reported from 26 counties, mostly along the US Highway 20 corridor in northern Iowa, with these storms. Temperatures climbed as high as 76 degrees at Shenandoah ahead of the front on Monday (2nd) afternoon. However, temperatures fell steadily through the day on Tuesday and were in the teens to mid twenties statewide by Wednesday (4th) morning. Daytime highs were mostly in the 30's from Tuesday through Saturday (7th) with low 40's returning to much of Iowa on Sunday (8th). Overnight lows were in the teens and 20's each morning from Wednesday (4th) through Monday (8th). Sanborn reported the lowest temperature with 11 degrees on Saturday morning. Strong northwest winds through much of the week brought wind chills to near zero on several days. Temperatures for the week averaged from 9.6 degrees below normal at Dubuque and the Quad Cities to 13.7 degrees subnormal at Sioux City and Spencer with a statewide average of 11.8 degrees below normal. There were occasional snow flurries on Tuesday, Wednesday and Friday. Weekly precipitation totals varied from only a trace at a few southwest Iowa locations such as Glenwood, Red Oak and Clarinda to over two inches at a few northeast Iowa locations with the most rain reported at Independence with 2.28 inches. The statewide average precipitation was 0.44 inches or a little more than one-half of the weekly normal of 0.80 inches. Soil temperatures as of Sunday (8th) were averaging only in the low 30's northwest to low 40's southeast.

Statewide Crop Conditions as of April 8, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	5	16	34	39	6

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., APRIL 9, 2007 (inches)



Field Work and Crop Progress as of April 8, 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	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed	54	63	52	53	64	64	54	60	52	57	52	60	60	
Oats planted	3	0	2	6	15	12	14	19	12	9	5	17	40	

Days Suitable & Soil Moisture Condition as of April 8, 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	Days	Days	Days
Days suitable	0.8	0.1	0.3	1.4	0.7	0.4	2.0	1.8	0.4	0.8	0.7	1.9	
	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	0	3	
Short	0	0	0	1	0	0	3	1	2	1	1	8	
Adequate	69	59	57	73	79	50	59	63	51	63	53	70	
Surplus	31	41	43	26	21	50	38	36	47	36	46	19	
Subsoil moisture													
Very short	0	0	0	0	0	0	0	1	0	0	0	8	
Short	2	0	3	2	3	1	10	9	11	4	4	25	
Adequate	72	72	61	82	70	66	57	69	71	69	68	54	
Surplus	26	28	36	16	27	33	33	21	18	27	28	13	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, April 8, 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	49	13	29	-11	0.08	-0.52	0.49	-0.19	0	-1
Sioux Center	53	14	31	-14	0.05	-0.50	1.15	0.53	0	-13
Spencer	50	14	30	-12	0.05	-0.51	0.46	-0.18	0	-7
Spirit Lake	56	13	28	-13	0.05	-0.49	0.05	-0.56	0	-13
North Central District										
Britt	53	12	29	-14	0.50	-0.12	1.11	0.41	0	-7
Humboldt	55	15	30	-14	0.56	-0.08	0.72	-0.01	0	-7
Mason City	51	13	31	-12	0.74	0.12	1.57	0.87	0	-7
Osage	49	13	29	-14	0.90	0.21	1.45	0.67	0	-13
North East District										
Decorah	53	16	33	-10	0.65	-0.07	0.90	0.09	0	-7
Dubuque	58	17	36	-8	1.96	1.13	2.49	1.55	2	-5
Elkader	58	17	34	-10	1.32	0.65	2.12	1.36	0	-17
Fayette	56	14	32	-12	1.62	0.94	2.45	1.68	0	-7
Waterloo	58	15	34	-11	1.35	0.65	1.70	0.91	3	-4
West Central District										
Carroll	60	14	33	-11	0.28	-0.42	0.40	-0.39	0	-9
Castana	62	14	33	-14	0.11	-0.45	1.23	0.59	0	-7
Guthrie Center	61	15	34	-12	0.22	-0.48	0.47	-0.33	1	-13
Harlan	65	14	34	-12	0.22	-0.41	0.59	-0.13	3	-7
Jefferson	59	14	33	-11	0.62	-0.08	0.99	0.20	0	-9
Logan	68	17	36	-11	0.27	-0.32	1.09	0.42	7	-7
Rockwell City	57	14	31	-14	0.51	-0.06	1.10	0.45	0	-14
Sac City	56	14	32	-12	0.21	-0.42	0.42	-0.30	0	-7
Sioux City	61	14	34	-12	0.51	0.02	1.78	1.22	1	-13
Central District										
Boone	57	14	33	-12	0.45	-0.25	0.97	0.17	0	-11
Des Moines	62	16	36	-11	0.32	-0.42	1.00	0.16	7	-8
Grundy Center	58	15	32	-11	1.13	0.46	1.55	0.79	0	-7
Marshalltown	58	15	33	-11	0.10	-0.60	0.47	-0.33	4	-4
Newton	61	15	34	-13	0.08	-0.60	0.52	-0.25	0	-14
Perry	60	15	34	-11	0.37	-0.28	0.94	0.20	0	-7
Toledo	58	14	32	-12	0.12	-0.56	0.60	-0.17	0	-7
East Central District										
Cedar Rapids	59	15	35	-11	0.17	-0.53	0.62	-0.18	5	-4
Davenport	66	18	38	-9	0.20	-0.52	0.86	0.04	6	-7
Iowa City	61	17	36	-12	0.66	-0.13	1.39	0.49	6	-10
Lowden	61	15	34	-11	0.71	-0.10	1.13	0.21	0	-11
Maquoketa	59	17	34	-11	0.78	0.08	1.22	0.42	0	-7
Muscatine	69	18	37	-11	0.18	-0.59	0.65	-0.23	5	-2
South West District										
Atlantic	67	13	35	-11	0.00	-0.63	0.10	-0.62	4	-5
Clarinda	74	16	37	-9	0.00	-0.70	0.04	-0.76	12	1
Glenwood	73	16	38	-10	0.00	-0.58	0.39	-0.27	15	0
Red Oak	72	17	38	-11	0.00	-0.73	0.08	-0.75	12	-6
Sidney	74	17	38	-10	0.02	-0.65	0.07	-0.69	13	-2
South Central District										
Allerton	71	16	37	-10	0.20	-0.50	0.30	-0.50	10	8
Beaconsfield	68	15	35	-11	0.66	-0.04	0.77	-0.03	5	-9
Chariton	67	16	36	-11	0.55	-0.21	0.75	-0.11	1	-13
Indianola	63	15	36	-12	0.13	-0.62	0.52	-0.33	3	-11
Leon	73	16	37	-9	0.44	-0.29	0.74	-0.09	9	-5
South East District										
Bloomfield	70	17	37	-13	0.33	-0.44	0.33	-0.54	6	-15
Burlington	74	21	43	-6	0.23	-0.54	0.62	-0.26	22	5
Ottumwa	68	16	38	-10	0.33	-0.37	0.82	0.02	10	-6
Washington	64	17	36	-13	0.24	-0.46	0.96	0.16	1	-6

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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