

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending April 15, 2007

IS IT SPRING YET?

Agricultural Summary: Even though some of the state received several inches of snow during the middle of the week, the end of the week proved promising for spring, allowing some work to be accomplished in the fields. Many fields are still too wet and ground temperatures too low for planting. Grain movement was slow due to wet and muddy roadways.

There were 0.9 days suitable for fieldwork, compared to 4.3 days last year at this time. Topsoil moisture rated zero percent very short, 1 percent short, 65 percent adequate, and 34 percent surplus across the state. Subsoil moisture rated zero percent very short, 3 percent short, 71 percent adequate, and 26 percent surplus.

Field Crops Report: Oats planted were 16 percent complete, 7 days behind last year's 50 percent and nearly 2 weeks behind the five year average of 67 percent. No significant corn planting was reported in the state. There is concern for the first cutting of alfalfa due to frost damage. Fertilizer application, at 62 percent, was 7 percentage points below last year and 9 percentage points below the five-year average.

Livestock, Pasture and Range Report: Pasture and range condition rated 3 percent very poor, 18 percent poor, 37 percent fair, 35 percent good, and 7 percent excellent. Cold, wet weather has caused stress for newborns, but no significant losses due to weather were reported.

IOWA PRELIMINARY WEATHER SUMMARY

Provided by State Climatologist Harry Hillaker

The past week brought unseasonably cold weather to Iowa. The work week began with dry weather on Monday (9th) and daytime high temperatures in the mid 40's to low 50's. Rain and snow were widespread over the state on Tuesday (10th) and Wednesday (11th). Rainfall amounts were mostly near an inch across southern Iowa while snowfall totals of two to six inches were common across about the northeast one-half of the state with local amounts to 10 inches in Dickinson County. Daytime temperatures on Tuesday were in the mid 30's northwest to mid 50's southeast and were only in the 30's statewide on Wednesday. Temperatures slowly moderated for the remainder of the week with highs in the upper 30's to low 40's on Thursday and near 50 degrees on Friday. Temperatures over the weekend were mostly in the 50's on Saturday (14th) and 60's on Sunday (15th). Temperature extremes for the week ranged from a Thursday (12th) morning low of 20 degrees at Sanborn to a Sunday (15th) afternoon high of 70 degrees at Mapleton. Statewide temperatures averaged 8.4 degrees below normal for the week. There was no precipitation after the mid-week storm excepting some very light rain in extreme southern Iowa on Saturday (14th). Precipitation totals for the week varied from 0.39 inches at Hampton to 1.60 inches at Allerton. The statewide average precipitation was 0.83 inches or just slightly less than the weekly normal of 0.88 inches. Soil temperatures as of Sunday (15th) were averaging in the mid 40's statewide.

Statewide Crop Conditions as of April 15, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	3	18	37	35	7

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., APR. 16, 2007 (inches)



Field Work and Crop Progress as of April 15, 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					
Fertilizer application completed	57	64	60	59	69	67	60	67	49	62	57	69	71	
Oats planted	16	3	9	18	20	16	27	24	19	16	9	50	67	

Days Suitable & Soil Moisture Condition as of April 15, 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	0.3	0.1	1.0	1.1	0.8	0.9	1.8	1.7	1.2	0.9	1.0	4.3	
	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	4	
Short	0	0	1	1	0	0	1	0	3	1	1	10	
Adequate	65	64	54	73	80	58	82	50	60	65	63	70	
Surplus	35	36	45	26	20	42	17	50	37	34	36	16	
Subsoil moisture													
Very short	0	0	0	0	0	0	0	0	1	0	0	9	
Short	2	0	2	2	1	4	1	7	8	3	4	24	
Adequate	69	78	75	75	74	62	68	71	67	71	70	56	
Surplus	29	22	23	23	25	34	31	22	24	26	26	11	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, April 15, 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	53	15	34	-10	0.20	-0.43	0.69	-0.62	0	-7
Sioux Center	69	17	39	-9	0.64	0.08	1.79	0.61	0	-16
Spencer	56	16	35	-12	0.03	-0.59	0.49	-0.77	0	-10
Spirit Lake	60	17	35	-9	0.52	-0.04	0.57	-0.60	0	-18
North Central District										
Britt	52	19	33	-14	0.59	-0.11	1.70	0.30	0	-13
Humboldt	53	18	35	-13	0.72	0.02	1.44	0.01	0	-10
Mason City	54	14	34	-12	0.32	-0.35	1.89	0.52	0	-9
Osage	52	21	34	-12	0.53	-0.23	1.98	0.44	0	-17
North East District										
Decorah	62	19	37	-10	0.67	-0.13	1.57	-0.04	0	-12
Dubuque	51	24	36	-11	0.47	-0.37	2.96	1.18	0	-13
Elkader	55	17	34	-13	1.00	0.27	3.12	1.63	0	-24
Fayette	53	21	33	-13	0.62	-0.13	3.07	1.55	0	-12
Waterloo	55	18	35	-12	0.41	-0.35	2.11	0.56	0	-14
West Central District										
Carroll	55	15	36	-12	0.82	0.07	1.22	-0.32	0	-14
Castana	57	20	37	-13	0.40	-0.23	1.63	0.36	0	-14
Guthrie Center	54	15	36	-13	1.49	0.74	1.96	0.41	0	-18
Harlan	58	14	37	-13	0.69	-0.01	1.28	-0.14	0	-16
Jefferson	55	18	37	-11	1.08	0.33	2.07	0.53	0	-14
Logan	56	17	37	-13	0.63	0.00	1.72	0.42	0	-22
Rockwell City	55	18	36	-12	0.80	0.17	1.90	0.62	0	-17
Sac City	56	17	36	-11	0.81	0.18	1.23	-0.12	0	-12
Sioux City	60	18	38	-11	0.45	-0.05	2.23	1.17	0	-20
Central District										
Boone	54	20	36	-12	1.28	0.52	2.25	0.69	0	-15
Des Moines	54	23	40	-11	1.03	0.26	2.03	0.42	0	-22
Grundy Center	53	20	35	-11	0.83	0.11	2.38	0.90	0	-8
Marshalltown	54	19	36	-11	0.44	-0.29	0.91	-0.62	0	-14
Newton	53	20	36	-13	1.10	0.36	1.62	0.11	0	-17
Perry	54	19	37	-11	1.08	0.38	2.02	0.58	0	-14
Toledo	52	19	35	-12	0.77	0.04	1.37	-0.13	0	-13
East Central District										
Cedar Rapids	52	24	36	-12	0.65	-0.09	1.27	-0.27	0	-15
Davenport	52	26	38	-12	0.44	-0.33	1.30	-0.29	0	-18
Iowa City	53	26	38	-13	0.81	-0.03	2.20	0.46	0	-24
Lowden	52	19	35	-13	1.09	0.21	2.22	0.42	0	-16
Maquoketa	51	22	35	-13	0.63	-0.13	1.85	0.29	0	-14
Muscatine	52	31	40	-11	0.89	0.07	1.54	-0.16	0	-10
South West District										
Atlantic	68	14	40	-9	1.18	0.48	1.28	-0.14	0	-15
Clarinda	54	18	36	-13	1.08	0.32	1.12	-0.44	0	-17
Glenwood	56	17	38	-13	0.95	0.32	1.34	0.05	0	-23
Red Oak	56	17	38	-14	0.89	0.10	0.97	-0.65	0	-25
Sidney	55	17	38	-13	1.14	0.44	1.21	-0.25	0	-22
South Central District										
Allerton	52	17	37	-13	1.60	0.83	1.90	0.33	0	-7
Beaconsfield	51	17	36	-13	0.93	0.17	1.70	0.14	0	-16
Chariton	52	19	36	-14	1.70	0.87	2.45	0.76	0	-17
Indianola	53	20	38	-12	1.08	0.26	1.60	-0.07	0	-20
Leon	53	18	37	-12	1.16	0.36	1.90	0.27	0	-16
South East District										
Bloomfield	52	22	38	-14	0.93	0.14	1.26	-0.40	0	-27
Burlington	55	31	43	-8	0.86	0.05	1.48	-0.21	0	-24
Ottumwa	53	24	38	-13	0.95	0.20	1.77	0.22	0	-23
Washington	54	24	38	-14	1.23	0.51	2.19	0.67	0	-13

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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