

# Iowa Crops & Weather



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For the week ending April 24, 2005

## Continued Rains Hamper Spring Fieldwork

Spring rains hindered most field work activities for the week ending Sunday, April 24, 2005. Many counties received in excess of 2 inches of rainfall and reported frost as well. Some corn was planted, fertilizer spread and pre-emergence herbicides applied early in the week. One reporter commented, "The much needed rains are coming - right when you would rather be planting."

There were 2.6 **days suitable for fieldwork**, slightly lower than the previous week of 3.0 days. **Topsoil moisture** rated 0 percent very short, 4 percent short, 80 percent adequate, and 16 percent surplus across Iowa. **Subsoil moisture** rated 0 percent very short, 9 percent short, 77 percent adequate, and 14 percent surplus. Soil moisture ratings in the surplus category showed increases from a week ago.

Field Crops Report: **Oat seedings** were 92 percent complete, slightly behind last year's progress of 96 percent but above the 5-year average of 84 percent. **Oat emergence** was 60 percent complete, ahead of last year's 42 percent and the 5-year average of 38 percent. **Corn planted** was 17 percentage points behind last year's progress of 34 percent and 2 percent behind the 5-year average of 19 percent. **Primary seedbed preparations** were 69 percent complete, while **fertilizer applications** were 84 percent complete.

Livestock, Pasture and Range Report: Calving was well under way with some reports of stresses in calves reported due to the continued wet, muddy conditions. There were some reports of scours. **Pasture and range** conditions improved from the previous week to 0 percent very poor, 3 percent poor, 14 percent fair, 59 percent good, and 24 percent excellent. Several reporters

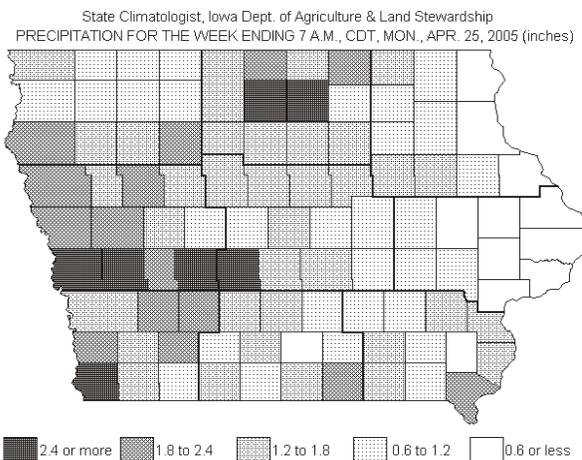
commented on lush, green pastures benefitting from recent rains.

## Iowa Weather Summary

Unseasonably warm weather with frequent showers and thunderstorms were the rule through mid-week across Iowa. Afternoon highs near 80 degrees were widespread on Monday (18th) with thunderstorms over the northwest one-half of the state. On Tuesday (19th) highs ranged from the low 70's northwest to low 80's southeast as showers and thunderstorms spread to the northwest two-thirds of Iowa. On Wednesday (20th) highs ranged from the low 60's northwest to low 80's southeast with rain falling across the southwest one-half of the state. Rain fell over all but extreme eastern Iowa on Thursday (21st) with highs only in the mid 50's north to low 60's south. On Friday (22nd) highs were in the low 50's northwest to low 60's southeast with rain falling over all but the extreme western portion of Iowa. The weekend brought dry and windy conditions along with the state's first widespread freeze in several weeks. Afternoon highs climbed only into the mid 40's northeast to mid 50's southwest on Saturday (23rd) and were near 60 statewide on Sunday (24th). A freeze was recorded over the northwest two-thirds of Iowa on Saturday morning with lows down to 28 degrees at Sibley. Nearly all of the state recorded a freeze on Sunday morning. At Spencer temperatures remained below freezing for nine hours, bottoming out at 25 degrees. Finally, portions of eastern Iowa recorded another freeze on Monday (25th) morning. The average date for the spring's last 32 degree temperature is about April 24 along a Shenandoah to Davenport line, however, in far southeast Iowa this weekend's freeze came as much as ten days later than usual.

## Statewide Crop Conditions as of April 24, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	0	3	14	59	24



## Field Work and Crop Progress as of April 24, 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	Percent	Percent	Percent	Percent
Fertilizer application completed	72	78	72	89	93	90	93	88	86	84	82	86	78
Seedbed, primary preparation completed	55	51	65	73	78	82	72	76	81	69	65	73	68
Corn planted	10	10	11	12	20	36	15	19	40	17	6	34	19
Corn emerged	0	0	0	1	2	2	1	2	7	2	N/A	1	0
Oats planted	85	82	87	98	97	98	98	93	97	92	87	96	84
Oats emerged	50	30	45	60	69	77	76	71	70	60	31	42	38

N/A=Not Applicable

## Days Suitable & Soil Moisture Condition as of April 24, 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	Days	Days
Days suitable	1.7	1.6	3.5	1.9	2.3	4.0	1.9	2.5	4.0	2.6	3.0	3.3
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	2	0	0	0	0	1	2
Short	0	1	8	1	2	12	6	2	1	4	6	13
Adequate	61	77	80	82	82	76	86	82	93	80	84	75
Surplus	39	22	12	17	16	10	8	16	6	16	9	10
Subsoil moisture												
Very short	0	0	0	0	0	0	2	0	0	0	1	7
Short	1	5	15	8	7	7	12	4	8	9	13	22
Adequate	59	77	77	84	82	88	78	76	85	77	78	68
Surplus	40	18	8	8	11	5	8	20	7	14	8	3

**Weather Summary For Iowa Agricultural Statistics Service**  
**Prepared by AWIS, Inc.**  
**For the week ending: Sunday, April 24, 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	79	28	54	8	0.72	0.02	1.80	-0.41	51	36
Sioux Center	83	29	56	6	1.27	0.69	2.88	0.96	58	32
Spencer	82	25	56	7	0.41	-0.26	5.17	3.06	61	42
Spirit Lake	80	30	53	6	0.87	0.28	2.61	0.69	43	12
North Central District										
Britt	78	30	54	5	2.70	1.94	4.58	2.22	47	24
Humboldt	80	32	56	5	1.75	1.00	3.43	1.05	57	37
Mason City	80	30	55	7	2.88	2.15	4.96	2.66	53	35
Northwood	79	30	54	8	1.72	0.99	4.09	1.75	46	30
North East District										
Decorah	80	31	55	5	0.73	-0.11	1.66	-1.03	51	27
Dubuque	78	31	55	6	0.53	-0.38	2.12	-0.82	56	33
Elkader	80	30	55	5	0.89	0.11	2.78	0.29	49	13
Independence	79	30	56	7	1.40	0.56	3.17	0.54	54	16
Waterloo	79	30	57	7	1.49	0.68	2.59	0.01	60	35
West Central District										
Audubon	79	28	56	4	2.38	1.58	3.08	0.55	60	27
Carroll	81	29	56	6	2.07	1.25	3.38	0.80	62	37
Castana	80	30	56	4	2.44	1.77	4.31	2.19	62	38
Guthrie Center	80	27	56	6	4.68	3.89	4.93	2.37	63	35
Harlan	82	27	57	5	2.08	1.31	3.88	1.49	67	40
Jefferson	80	30	57	7	1.11	0.29	2.53	-0.05	63	38
Logan	82	27	58	5	2.21	1.48	5.21	2.98	70	37
Rockwell City	80	29	55	4	1.31	0.61	2.49	0.33	54	25
Sioux City	86	27	59	7	1.99	1.42	4.16	2.37	78	46
Central District										
Ames	79	32	58	9	1.08	0.25	3.49	0.90	70	48
Boone	80	28	57	6	0.86	0.03	2.79	0.18	65	39
Des Moines	79	30	59	7	2.36	1.52	4.71	2.03	76	42
Eldora	80	30	57	7	1.14	0.37	3.54	1.11	62	40
Marshalltown	78	27	57	7	0.72	-0.05	2.79	0.27	66	42
Newton	80	31	58	7	1.51	0.71	3.93	1.40	68	39
Perry	80	30	57	7	1.87	1.10	3.54	1.11	66	42
Toledo	78	28	56	7	0.65	-0.15	2.00	-0.52	63	40
East Central District										
Cedar Rapids	80	26	57	7	0.58	-0.19	2.67	0.14	68	42
Davenport	82	31	58	6	0.16	-0.61	0.88	-1.70	72	41
Iowa City	82	32	59	5	0.91	0.00	2.60	-0.31	75	37
Lowden	82	26	57	7	0.33	-0.58	1.92	-1.05	69	41
Maquoketa	82	28	56	6	0.17	-0.60	1.08	-1.47	59	36
Muscatine	80	32	58	5	0.40	-0.44	1.87	-0.91	71	50
South West District										
Clarinda	80	26	58	7	0.82	-0.02	3.86	1.24	73	44
Glenwood	83	30	59	7	2.07	1.33	4.00	1.77	80	44
Oakland	81	28	59	8	1.52	0.80	3.31	0.99	81	56
Red Oak	81	29	59	5	1.53	0.69	2.70	0.00	78	39
Sidney	82	32	59	6	2.32	1.55	3.88	1.44	76	40
South Central District										
Allerton	77	29	56	5	0.98	0.16	3.11	0.50	59	44
Beaconsfield	78	29	57	6	2.38	1.59	4.84	2.27	64	36
Chariton	78	27	56	5	0.67	-0.18	4.18	1.40	57	29
Indianola	79	30	58	6	1.44	0.55	4.60	1.80	67	36
Leon	80	30	59	7	1.19	0.31	3.31	0.56	72	44
South East District										
Bloomfield	79	32	57	3	1.25	0.41	3.63	0.89	64	25
Burlington	82	31	59	5	1.37	0.53	3.47	0.70	77	40
Ottumwa	80	29	58	5	1.78	0.98	3.91	1.34	71	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 2005: AWIS, Inc. All Rights Reserved.