

Iowa Crops & Weather



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Iowa Field Office

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For the week ending April 30, 2006

GENTLE RAIN IS WELCOMED

Agricultural Summary: Corn planting was fast paced the first half of the week and many producers are finished and waiting for warmer temperatures to plant soybeans. Oats seeding is nearly complete. Soaking rains at the end of the week were welcomed by producers who had their corn in the ground and those who were low on subsoil moisture. There were reports of ponding in some fields and streams out of their banks, but mostly the rains were gentle and helpful.

There were 4.3 **days suitable for fieldwork**, compared to 4.2 days last year at this time. **Topsoil moisture** rated 2 percent very short, 6 percent short, 71 percent adequate, and 21 percent surplus across the state. **Subsoil moisture** rated 5 percent very short, 18 percent short, 66 percent adequate, and 11 percent surplus.

Field Crops Report: Oats seedings were 97 percent complete compared to 98 percent last year and 94 percent for the 5-year average. **Oats emerged** were 56 percent, well behind last year's 79 percent, but comparable to the 5-year average of 59 percent. **Corn planted** reached 63 percent compared to 49 percent last year and the five-year average of 42 percent. **State wide, corn emerged** averaged 5 percent, the same as last year and two percent ahead of the 5-year average, with the lower third of the state reporting between 10 to 18 percent emerged. **Primary seedbed preparations** were 81 percent complete compared to 79 percent last year and 76 percent for the five-year average. **Fertilizer applications**, at 90 percent, matched last year again this week and were 5 percentage points ahead of the five-year average.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 8 percent poor, 30 percent fair, 49 percent

good and 12 percent excellent. This is below last year's ratings, but very close to the 5-year average. The generous weekend rainfall left pastures lush in most parts of the state, tiles running and ponds and streams recharged. Cows and calves are doing well.

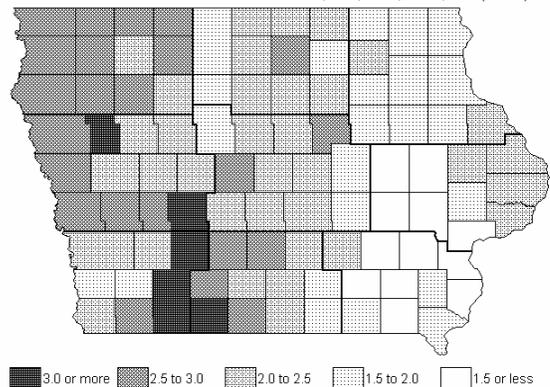
IOWA PRELIMINARY WEATHER SUMMARY

The past work week began with mild and dry conditions on Monday (24th) as daytime temperatures climbed into the 60's and 70's. Light rain moved into western Iowa late Monday and overspread all of the state by Tuesday (25th) morning. Rainfall totals were mostly under one-quarter inch except for a small area of heavier amounts centered just west of Des Moines where the rain changed to snow. A freeze affected much of the northern two-thirds of Iowa on Wednesday (26th) morning with lowest temperatures in the northeast and east central sections. Temperatures rebounded into the 60's by Wednesday afternoon with a few 70's in the east on Thursday (27th) and Friday (28th). Rain moved into western Iowa late Thursday and reached eastern Iowa Saturday (29th) morning. The rain finally ended in the northwest by Sunday (30th) evening but persisted across the east into Monday (1st). The weekend storm system brought one to three inches of rain across the state. Weekly precipitation totals varied from 1.10 inches at Cedar Rapids to 3.62 inches at Guthrie Center. The statewide average precipitation was 2.20 inches or two and one-half times the weekly normal of 0.85 inches. Temperature extremes for the week ranged from Monday (24th) afternoon highs of 77 degrees at Red Oak and Shenandoah to Wednesday (26th) morning lows of 26 degrees at Elkader, Lowden and Webster City. Temperatures for the week as a whole averaged 0.5 degrees below normal. Finally, soil temperatures at the four inch depth were averaging in the mid 50's as of Sunday (30th).

Statewide Crop Conditions as of April 30, 2006

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	1	8	30	49	12

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., MAY 1, 2006 (inches)



Field Work and Crop Progress as of April 30, 2006

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	83	90	83	93	97	90	96	94	90	90	82	90	85	
Seedbed, primary preparation completed	74	84	69	81	90	80	83	81	83	81	63	79	76	
Corn planted	60	75	35	57	76	59	74	73	70	63	26	49	42	
Corn emerged	2	2	1	4	8	3	18	14	10	5	0	5	3	
Soybeans planted	2	2	1	5	6	5	10	22	16	6	0	3	3	
Oats planted	97	98	96	98	99	99	98	96	96	97	85	98	94	
Oats emerged	55	49	38	62	71	67	73	70	50	56	30	79	59	

Days Suitable & Soil Moisture Condition as of April 30, 2006

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	3.6	4.8	4.9	3.7	4.4	4.8	3.6	4.6	4.9	4.3	5.0	4.2	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	0	1	2	4	1	9	2	2	2	5	1	
Short	0	0	4	9	7	6	3	13	13	6	14	6	
Adequate	59	71	70	78	72	91	73	61	66	71	72	82	
Surplus	41	29	25	11	17	2	15	24	19	21	9	11	
Subsoil moisture													
Very short	0	0	4	3	1	2	12	19	5	5	9	1	
Short	0	0	9	26	18	27	27	42	20	18	21	8	
Adequate	70	74	79	67	72	69	58	34	68	66	62	80	
Surplus	30	26	8	4	9	2	3	5	7	11	8	11	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, April 30, 2006

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	72	31	52	3	2.07	1.37	5.50	2.69	27	3
Sioux Center	73	33	53	-1	2.50	1.87	4.91	2.45	33	-4
Spencer	73	29	53	2	2.09	1.39	4.22	1.51	29	0
Spirit Lake	69	33	49	-2	2.48	1.85	4.72	2.33	9	-32
North Central District										
Britt	70	33	52	-2	1.94	1.17	6.40	3.38	20	-14
Humboldt	71	33	52	-3	1.89	1.12	3.67	0.63	21	-10
Mason City	72	30	52	2	1.93	1.16	5.89	2.93	26	-1
Osage	70	32	52	0	1.65	0.81	6.38	3.10	23	-17
North East District										
Decorah	73	27	54	2	1.43	0.59	4.88	1.47	35	2
Dubuque	72	32	53	2	1.80	0.89	5.47	1.75	33	2
Elkader	74	26	52	-1	1.37	0.53	4.04	0.83	26	-21
Fayette	72	29	51	-2	1.17	0.32	4.60	1.30	21	-10
Waterloo	73	28	53	0	1.24	0.40	4.55	1.25	32	-3
West Central District										
Carroll	76	32	52	-2	2.09	1.25	3.46	0.16	25	-10
Castana	74	34	51	-5	2.25	1.52	3.83	1.08	17	-17
Guthrie Center	74	32	52	-3	3.00	2.16	4.66	1.38	29	-9
Harlan	75	34	52	-4	2.49	1.67	4.56	1.46	26	-12
Jefferson	77	32	52	-2	2.06	1.22	3.25	-0.05	28	-7
Logan	77	33	52	-5	2.19	1.39	4.00	1.08	25	-19
Rockwell City	75	31	52	-3	2.04	1.29	3.87	1.06	24	-16
Sac City	75	30	51	-2	2.31	1.57	3.82	0.95	22	-9
Sioux City	75	28	53	-3	2.14	1.50	3.11	0.77	33	-10
Central District										
Boone	76	29	52	-2	2.29	1.45	4.92	1.59	27	-10
Des Moines	74	35	55	0	2.07	1.27	3.58	0.22	48	2
Grundy Center	74	29	52	1	1.81	0.97	5.15	1.95	29	2
Marshalltown	75	27	54	2	1.31	0.52	3.36	0.16	38	4
Newton	74	35	53	-2	1.40	0.56	2.99	-0.26	33	-7
Perry	74	30	52	-2	1.96	1.14	3.75	0.61	28	-7
Toledo	73	29	52	-1	1.10	0.25	4.17	0.92	26	-5
East Central District										
Cedar Rapids	73	30	53	-1	0.83	0.06	3.10	-0.09	36	-1
Davenport	75	27	55	0	1.24	0.46	4.42	1.17	46	5
Iowa City	77	31	56	1	1.08	0.17	3.55	-0.14	55	6
Lowden	75	26	52	-2	1.28	0.37	3.92	0.17	32	-7
Maquoketa	73	28	52	-2	1.10	0.33	4.45	1.24	27	-5
Muscatine	75	34	55	-1	1.18	0.34	5.39	1.89	43	12
South West District										
Atlantic	76	30	53	-1	2.40	1.63	4.15	1.14	28	-9
Clarinda	75	31	53	-3	2.34	1.45	3.91	0.52	33	-9
Glenwood	77	37	54	-2	1.84	1.01	4.22	1.27	42	-5
Red Oak	77	33	54	-4	1.62	0.72	3.62	0.14	36	-15
Sidney	76	37	54	-3	1.71	0.88	3.52	0.36	39	-10
South Central District										
Allerton	72	37	53	-2	1.61	0.77	3.11	-0.22	32	9
Beaconsfield	72	37	53	-2	2.15	1.31	3.11	-0.18	29	-9
Chariton	73	30	52	-3	1.88	0.99	3.36	-0.18	29	-9
Indianola	73	34	53	-3	2.36	1.45	4.78	1.20	32	-9
Leon	74	32	53	-2	1.90	0.99	3.41	-0.12	30	-9
South East District										
Bloomfield	74	38	54	-3	1.53	0.64	3.45	-0.06	37	-14
Burlington	76	33	58	2	1.29	0.45	4.14	0.65	63	15
Ottumwa	73	34	55	-2	1.40	0.56	3.51	0.22	42	-5
Washington	75	29	53	-5	1.28	0.46	3.43	0.21	37	3

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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