

Iowa Crops & Weather



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For the week ending April 17, 2005

Needed Rains Slowed Spring Planting

Agricultural Summary: Rainfall last week hampered spring planting with some areas reporting in excess of 3 inches of rain for the week ending April 18. Corn planted showed only minimal gains over the previous week.

There were **3.0 days suitable for fieldwork**, compared to the previous week at 5.3 days. **Topsoil moisture** rated 1 percent very short, 6 percent short, 84 percent adequate, and 9 percent surplus across Iowa. **Subsoil moisture** rated 1 percent very short, 13 percent short, 78 percent adequate, and 8 percent surplus. The state's adequate and surplus ratings for top soil moisture showed gains over a week ago to 93 percent, while very short and short ratings declined to 7 percent of the state total.

Field Crops Report: **Oat seedings** were 87 percent complete which was slightly ahead of last year's progress of 86 percent and above the 5-year average of 66 percent. **Oat emergence** was 31 percent, well above last year's 11 percent and the 5-year average of 15 percent. **Corn planted** was 10 percent behind last year's progress of 16 percent but slightly ahead of the 5-year average of 5 percent. **Primary seedbed preparations** were 65 percent complete, while **fertilizer applications** were 82 percent complete. Both ratings are nearly identical to a year ago.

Livestock, Pasture and Range Report: Favorable weather conditions during calving made for a smooth calving season. **Pasture and range** conditions showed improvement from a week

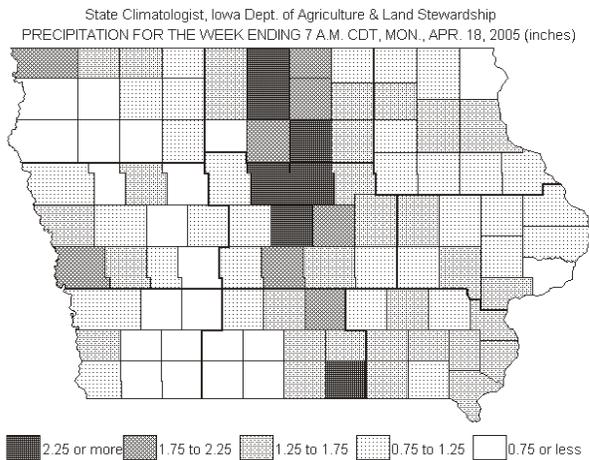
ago with 1 percent very poor, 4 percent poor, 19 percent fair, 62 percent good, and 14 percent excellent.

Iowa Weather Summary

It was another very mild week last week with temperatures averaging 8.0 degrees above normal. Rain fell statewide on Monday (11th) and Tuesday (12th) with amounts averaging just over an inch. The greatest totals reported with the early week storms were 2.90 inches at Kanawha and 2.80 inches at Iowa Falls. Daytime highs were mostly in the 60's on Monday and in the 50's on Tuesday. Dry weather prevailed on Wednesday (13th) and Thursday (14th) with highs in the low to mid 60's. A few showers and thunderstorms moved into far northwest Iowa on Friday (15th) afternoon and overspread much of the northwest one-half of the state on Saturday (16th). High temperatures on Friday were mostly in the low 70's with low 60's northeast to mid 70's southwest on Saturday. Sunday (17th) was the warmest day in most areas with highs generally in the mid 70's northeast to low 80's southwest. A few isolated thunderstorms dampened portions of the north one-third of the state on Sunday. Temperature extremes for the week ranged from a Thursday (14th) morning low of 27 degrees at Atlantic to a Sunday (17th) afternoon high of 86 degrees at Sioux City. Soil temperatures as of Sunday (17th) were averaging a few degrees either side of 60 degrees statewide. Rainfall totals for the past week varied from 0.21 inches at Mount Ayr to 3.08 inches at Iowa Falls. The statewide average precipitation was 1.22 inches, well above the weekly normal of 0.79 inches.

Statewide Crop Conditions as of April 17, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	1	4	19	62	14



Field Work and Crop Progress as of April 17, 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	Percent
Fertilizer application completed	70	77	71	88	92	84	92	84	82	82	73	78	68	
Seedbed, primary preparation completed	53	48	61	72	74	71	71	74	71	65	55	63	58	
Corn planted	8	3	3	5	8	6	7	5	11	6	2	16	5	
Oats planted	77	69	85	91	96	94	93	88	83	87	73	86	66	
Oats emerged	16	10	22	32	48	44	38	36	40	31	9	11	15	

Days Suitable & Soil Moisture Condition as of April 17, 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
Days suitable	3.1	1.9	4.0	3.0	3.4	4.6	2.9	2.0	2.9	3.0	5.3	6.6	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	0	0	0	0	5	3	0	0	1	3	11	
Short	1	4	13	8	3	9	8	6	3	6	17	34	
Adequate	85	82	81	81	89	86	87	80	83	84	76	54	
Surplus	14	14	6	11	8	0	2	14	14	9	4	1	
Subsoil moisture													
Very short	0	3	1	1	1	1	3	1	0	1	2	10	
Short	2	8	21	17	17	8	18	12	9	13	16	29	
Adequate	85	77	74	80	70	90	75	77	78	78	76	59	
Surplus	13	12	4	2	12	1	4	10	13	8	6	2	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, April 17, 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	72	32	55	11	1.03	0.38	1.08	-0.43	43	36
Sioux Center	83	32	56	9	1.46	0.90	1.61	0.27	45	27
Spencer	74	33	57	11	0.97	0.34	4.76	3.32	52	40
Spirit Lake	78	39	56	13	1.39	0.83	1.74	0.41	44	24
North Central District										
Britt	75	36	54	7	1.88	1.18	1.88	0.28	34	20
Humboldt	77	35	55	8	1.68	0.98	1.68	0.05	43	31
Mason City	78	31	54	10	1.91	1.22	2.08	0.51	45	34
Northwood	76	32	53	10	2.37	1.67	2.37	0.76	36	29
North East District										
Decorah	77	29	54	8	0.90	0.08	0.93	-0.92	37	23
Dubuque	79	33	54	8	1.04	0.19	1.59	-0.44	44	30
Elkader	80	28	51	5	1.81	1.06	1.89	0.18	28	2
Independence	80	33	54	8	1.38	0.59	1.77	-0.02	36	8
Waterloo	78	29	55	8	1.10	0.33	1.10	-0.67	46	30
West Central District										
Audubon	78	29	54	5	0.70	-0.05	0.70	-1.03	35	11
Carroll	79	30	54	7	1.31	0.54	1.31	-0.45	38	22
Castana	72	38	53	4	1.87	1.24	1.87	0.42	32	17
Guthrie Center	80	28	55	7	1.25	0.48	1.25	-0.52	43	23
Harlan	76	35	55	6	1.80	1.10	1.80	0.18	42	24
Jefferson	79	34	56	9	1.42	0.65	1.42	-0.34	44	28
Logan	75	33	55	5	2.75	2.10	3.00	1.50	41	17
Rockwell City	78	33	54	6	1.18	0.55	1.18	-0.28	38	19
Sioux City	75	35	56	7	1.81	1.29	2.17	0.95	42	20
Central District										
Ames	78	32	56	10	2.41	1.64	2.41	0.65	50	37
Boone	79	33	56	8	1.93	1.16	1.93	0.15	48	31
Des Moines	78	38	59	9	2.16	1.38	2.35	0.51	64	40
Eldora	79	35	55	9	2.40	1.68	2.40	0.74	47	35
Marshalltown	79	31	56	9	2.06	1.31	2.07	0.32	52	36
Newton	79	37	56	8	1.98	1.22	2.42	0.69	45	26
Perry	78	32	55	8	1.67	0.95	1.67	0.01	44	28
Toledo	79	31	54	8	1.25	0.50	1.35	-0.37	41	27
East Central District										
Cedar Rapids	80	34	57	9	0.96	0.20	2.09	0.33	53	36
Davenport	82	33	56	7	0.69	-0.08	0.72	-1.09	52	32
Iowa City	82	38	58	8	1.52	0.66	1.69	-0.31	61	35
Lowden	81	30	53	6	1.28	0.38	1.59	-0.47	36	18
Maquoketa	81	35	53	6	0.73	-0.04	0.91	-0.87	34	19
Muscatine	80	38	56	6	1.44	0.60	1.47	-0.47	50	38
South West District										
Clarinda	76	32	54	6	1.55	0.78	3.04	1.26	38	19
Glenwood	78	36	56	6	1.93	1.28	1.93	0.44	49	24
Oakland	77	34	55	8	1.79	1.09	1.79	0.19	45	29
Red Oak	77	33	55	4	1.13	0.32	1.17	-0.69	43	15
Sidney	76	39	56	5	1.26	0.55	1.56	-0.11	46	22
South Central District										
Allerton	77	35	55	6	1.48	0.71	2.13	0.34	42	35
Beaconsfield	76	37	55	6	1.00	0.23	2.46	0.68	39	21
Chariton	77	28	55	6	2.03	1.19	3.51	1.58	42	23
Indianola	77	35	57	8	1.99	1.15	3.16	1.25	52	30
Leon	79	30	55	7	1.02	0.20	2.12	0.25	41	23
South East District										
Bloomfield	79	35	57	5	1.84	1.03	2.38	0.48	50	20
Burlington	81	39	58	8	1.69	0.86	2.10	0.17	62	36
Ottumwa	79	32	57	7	1.52	0.75	2.13	0.36	57	32

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.