

Iowa Crops & Weather



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Iowa Field Office

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For the week ending May 13, 2007

VARIABLE PROGRESS

Agricultural Summary: A week of mostly dry weather was a welcome relief to many water-logged farmers. Tractors started rolling again at every opportunity as fields dried out. Southern Iowa struggled the most as fields remain extremely wet in places making it difficult to plant. In fact, south central Iowa was only able to plant 8 percent of their corn crop and 3 percent of their soybean crop last week. In contrast, northeast Iowa was able to plant 31 percent of their corn crop and 42 percent of their soybean crop during the past week as soils dried quickly. Parts of northeast Iowa could use some rain again.

There were 3.8 days suitable for fieldwork, compared to 3.5 days last year at this time. Topsoil moisture rated 1 percent very short, 4 percent short, 64 percent adequate, and 31 percent surplus across the state. Subsoil moisture rated zero percent very short, 1 percent short, 63 percent adequate, and 36 percent surplus.

Field Crops Report: Oats planted were 98 percent complete. On average, oat seeding is completed by this time. Eighty-one percent of oats are emerged compared to last year's 88 percent. The condition of the oat crop is zero percent very poor, 2 percent poor, 26 percent fair, 60 percent good, and 12 percent excellent. Corn planting, at 77 percent, remains 1 week behind last year's progress. Thirty-six percent of corn are emerged compared to last year's 39 percent and the five-year average of 34 percent. Warm

temperatures were ideal for emergence. Nearly one-quarter of the soybean crop has been planted.

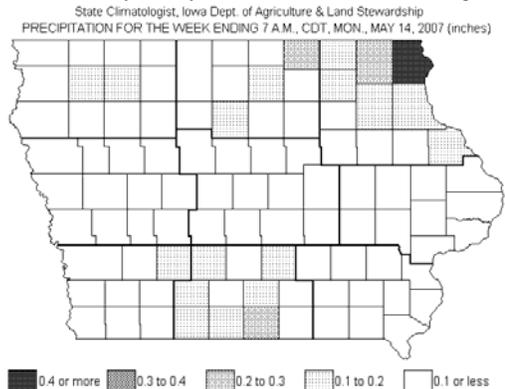
Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 6 percent poor, 26 percent fair, 50 percent good, and 17 percent excellent. Livestock condition is generally good.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past work week began with showers lingering over much of the state on Monday (7th) following the heavy rains of the prior weekend. Welcome dry weather prevailed over most of the state for the remainder of the week. Only a few scattered showers and thunderstorms dotted northern Iowa over the weekend with the only rain of consequence falling over extreme northeast Iowa on Sunday (13th). Several locations in the state, such as Shenandoah, Bloomfield, Washington, Marshalltown and Waterloo, recorded no measurable rainfall during the week while Dorchester reported the most with 0.56 inches. The statewide average precipitation was only 0.05 inches while normal for the week is 1.06 inches. This was Iowa's driest week since mid March. Temperatures were well above normal throughout the week with readings typical of mid-June. Temperature extremes varied from morning lows of 42 degrees at Cresco and Elkader on Saturday (12th) to an afternoon high of 93 degrees at Sioux City on Sunday (13th). Temperatures for the week as a whole averaged 9.4 degrees above normal.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Oats	0	2	26	60	12
Range & Pasture	1	6	26	50	17

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist



Field Work and Crop Progress as of May 13, 2007

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
Fertilizer application completed	94	97	95	91	93	99	94	88	88	94	89	96	96	
Corn planted	85	92	90	70	68	87	71	37	55	77	53	90	87	
Corn emerged	39	43	37	39	31	36	37	19	24	36	7	39	34	
Soybeans planted	24	46	49	12	13	39	11	5	16	24	4	38	37	
Oats emerged	88	87	82	89	84	85	81	74	68	81	54	88	92	

Days Suitable & Soil Moisture Condition as of May 13, 2007

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	3.3	5.1	5.8	2.8	2.9	5.8	2.2	1.8	3.5	3.8	3.8	3.5	
Topsoil moisture													
Very short	0	0	5	0	0	0	0	0	0	1	0	0	
Short	1	2	21	0	0	11	0	1	0	4	1	5	
Adequate	77	82	71	66	64	74	39	31	66	64	43	80	
Surplus	22	16	3	34	36	15	61	68	34	31	56	15	
Subsoil moisture													
Very short	0	0	0	0	0	0	0	0	0	0	0	2	
Short	1	0	5	0	0	1	0	1	2	1	0	15	
Adequate	78	85	88	52	54	77	31	39	54	63	58	71	
Surplus	21	15	7	48	46	22	69	60	44	36	42	12	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, May 13, 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	86	50	65	10	0.21	-0.49	3.88	-0.23	107	58
Sioux Center	92	47	69	11	0.05	-0.65	5.20	1.48	132	69
Spencer	86	50	66	10	0.07	-0.70	3.74	-0.39	113	58
Spirit Lake	89	51	67	12	0.00	-0.63	5.02	1.39	122	52
North Central District										
Britt	86	51	65	8	0.87	0.10	6.04	1.59	106	43
Humboldt	82	52	65	7	0.56	-0.23	6.03	1.54	106	49
Mason City	85	47	64	8	1.33	0.45	5.99	1.43	100	46
Osage	85	48	63	6	0.80	-0.04	4.86	0.02	92	24
North East District										
Decorah	85	44	64	7	0.01	-0.83	3.33	-1.64	99	38
Dubuque	82	46	64	8	0.10	-0.86	5.97	0.51	96	43
Elkader	85	42	62	6	0.38	-0.48	6.28	1.49	88	13
Fayette	84	48	63	6	0.55	-0.36	6.60	1.61	92	36
Waterloo	85	49	65	7	0.99	0.08	5.72	0.77	105	43
West Central District										
Carroll	85	51	66	9	0.50	-0.42	9.35	4.36	116	54
Castana	84	53	67	8	0.23	-0.66	10.94	6.61	118	57
Guthrie Center	83	49	65	7	1.19	0.28	11.92	7.01	106	41
Harlan	89	52	67	9	0.36	-0.58	9.13	4.33	123	55
Jefferson	85	52	67	9	1.34	0.42	10.28	5.29	118	56
Logan	88	51	67	8	0.37	-0.61	13.05	8.38	118	46
Rockwell City	83	53	65	7	0.58	-0.30	9.07	4.68	108	40
Sac City	85	52	66	9	0.44	-0.45	9.72	5.26	113	55
Sioux City	89	47	67	8	0.10	-0.69	9.33	5.58	119	49
Central District										
Boone	84	48	65	7	1.08	0.15	8.98	3.94	105	40
Des Moines	86	56	68	9	1.54	0.77	7.49	2.70	131	56
Grundy Center	84	48	65	9	1.25	0.34	7.24	2.39	105	52
Marshalltown	86	53	66	9	1.21	0.37	6.58	1.82	112	53
Newton	85	51	67	8	1.78	0.87	6.73	1.82	120	50
Perry	84	51	67	9	1.14	0.23	9.57	4.80	118	55
Toledo	83	47	65	8	1.31	0.34	5.96	0.96	103	47
East Central District										
Cedar Rapids	83	49	64	6	1.05	0.27	4.83	0.20	101	36
Davenport	87	48	67	9	0.01	-0.77	4.28	-0.41	123	53
Iowa City	85	52	66	6	0.81	-0.09	5.82	0.45	114	35
Lowden	86	49	65	8	0.23	-0.68	5.30	-0.14	109	44
Maquoketa	84	46	64	8	0.03	-0.78	4.27	-0.41	103	47
Muscatine	88	54	70	10	0.46	-0.38	5.19	0.13	137	80
South West District										
Atlantic	89	50	68	11	0.70	-0.14	11.42	6.88	130	65
Clarinda	86	50	66	7	1.99	0.96	9.37	4.12	111	39
Glenwood	88	52	67	8	0.79	-0.24	12.19	7.40	124	49
Red Oak	87	51	67	7	1.49	0.53	10.00	4.78	120	40
Sidney	89	56	68	8	1.36	0.43	9.33	4.47	129	49
South Central District										
Allerton	82	53	67	8	3.81	2.90	10.42	5.44	118	74
Beaconsfield	85	55	67	9	4.46	3.60	11.98	7.11	121	54
Chariton	84	48	65	7	3.24	2.37	9.85	4.72	107	42
Indianola	86	51	67	8	2.01	1.10	7.21	1.94	121	53
Leon	86	48	64	6	2.83	1.85	8.78	3.45	103	35
South East District										
Bloomfield	84	53	67	7	1.56	0.64	6.57	1.36	120	42
Burlington	91	56	70	11	0.44	-0.40	4.03	-1.02	143	67
Ottumwa	85	54	67	7	1.49	0.58	7.69	2.77	123	46
Washington	88	49	66	5	0.90	0.02	7.37	2.55	109	46

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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