

Iowa Crops & Weather



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For the week ending July 4, 2004

Soybean Acreage Blooming at 22 Percent

Agricultural Summary: Last week, Iowa experienced a period of dry, sunny weather. This helped crops "green-up," especially corn and soybeans. Operators cited the need for more heat units. Farmers were spraying for weeds in soybeans and harvesting alfalfa. Making hay remains a challenge due to wet conditions in fields.

There were 5.1 **days suitable for fieldwork**, compared to 4.5 days the previous week and 4.4 days last year at this time. **Topsoil moisture** rated 1 percent very short, 8 percent short, 77 percent adequate and 14 percent surplus across Iowa. **Subsoil moisture** rated 1 percent very short, 7 percent short, 76 percent adequate, and 16 percent surplus.

Field Crops Report: The **average corn height** was 51 inches, while the **average tallest corn height** was 66 inches. **Corn condition** was rated 2 percent very poor, 6 percent poor, 17 percent fair, 52 percent good, and 23 percent excellent. **Soybean acreage blooming** was 22 percent. **Soybean condition** was rated 2 percent very poor, 7 percent poor, 20 percent fair, 53 percent good, and 18 percent excellent. **Oat acreage turning color** was 46 percent, compared to 16 percent the previous week. **Oat condition** was rated 3 percent poor, 21 percent fair, 59 percent good, and 17 percent excellent. The **second cutting of alfalfa** was 19 percent complete, compared to 7 percent the previous week. **Hay condition** was 1 percent very poor, 5 percent poor, 15 percent fair, 57 percent good, and 22 percent excellent.

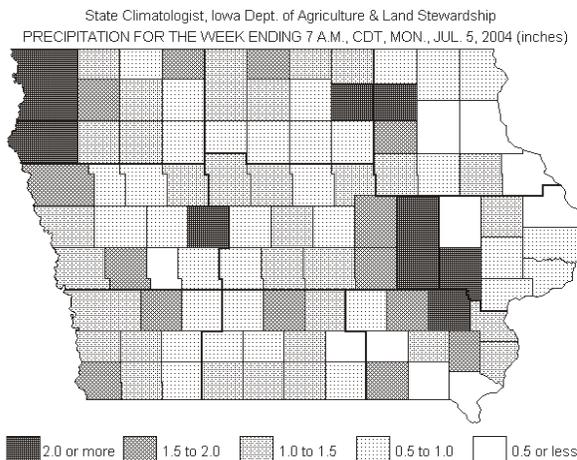
Livestock, Pasture, and Range Report: Overall, livestock conditions were good. **Pasture and range condition** was rated 1 percent very poor, 3 percent poor, 21 percent fair, 51 percent good, and 24 percent excellent.

Iowa Weather Summary

The past work week began with cool and dry weather through Wednesday (30th). Warmer and more humid air finally arrived on Thursday (1st), breaking a string of 14 consecutive days with temperatures averaging below normal. Showers and thunderstorms were widespread over the southwest two-thirds of Iowa on Friday (2nd) afternoon and evening with locally heavy rain in small areas of northwest, central and southeast Iowa. Showers and thunderstorms covered all of Iowa on Saturday (3rd) with locally heavy rains in northeast, central and east central portions of the state. Thunderstorms were scattered across the northeast one-half of the state on Sunday (4th) with an area of light rain moving through extreme southern Iowa early on Monday (5th). Temperatures averaged near normal over the weekend. Temperature extremes for the week ranged from a Tuesday (29th) morning low of 47 degrees at Atlantic to Thursday (1st) afternoon highs of 89 degrees at Spencer, Pocahontas and Eldora. Temperatures for the week as a whole averaged 2.1 degrees below normal. Weekly precipitation totals varied from only 0.05 inches at Dubuque up to 4.30 inches at Merrill (Plymouth Co.) and 3.75 inches at New Hampton. Heavy rain fell over portions of northern Iowa on Monday (5th) afternoon and evening but will be included in next week's report. The statewide average precipitation for the past week was 1.18 inches while normal is 1.02 inches.

Statewide Crop Conditions as of July 4, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	17	52	23
Hay, all	1	5	15	57	22
Oats	0	3	21	59	17
Range & Pasture	1	3	21	51	24
Soybeans	2	7	20	53	18



Field Work and Crop Progress as of July 4, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches				
Corn, average tallest height	61	57	54	65	67	75	76	78	81	66	49	56	58
Corn, average height	48	40	41	51	53	58	58	61	64	51	36	42	44
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Soybeans blooming	33	28	11	12	17	14	29	28	30	22	0	10	21
Oats turning color	24	17	38	50	49	52	55	68	62	46	16	31	37
Hay, alfalfa - second crop harvested	27	14	14	18	23	28	19	15	22	19	7	17	17

Days Suitable & Soil Moisture Condition as of July 4, 2004

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	5.1	4.8	5.8	5.1	4.7	5.0	5.1	5.3	5.6	5.1	4.5	4.4
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	3	1	0	0	0	1	0	2	0	1	0	2
Short	15	2	5	6	4	11	1	8	22	8	2	11
Adequate	75	69	67	82	79	80	94	79	73	77	80	76
Surplus	7	28	28	12	17	8	5	11	5	14	18	11
Subsoil moisture												
Very short	4	0	1	1	0	0	0	0	0	1	0	2
Short	10	4	6	11	4	6	1	11	16	7	4	14
Adequate	80	51	64	76	78	88	93	77	80	76	78	74
Surplus	6	45	29	12	18	6	6	12	4	16	18	9

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 4, 2004**

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	45	69	-3	1.79	0.92	11.39	0.67	134	-13
Sioux Center	88	43	71	-3	2.47	1.53	12.58	1.67	147	-14
Spencer	89	42	70	-2	0.72	-0.19	9.02	-1.70	143	-13
Spirit Lake	89	47	71	-1	1.18	0.23	9.98	-0.49	148	-23
North Central District										
Britt	86	49	68	-5	0.62	-0.43	14.94	3.23	131	-29
Humboldt	86	51	68	-6	1.04	-0.01	14.92	2.90	125	-34
Mason City	87	47	69	-3	0.56	-0.47	21.72	9.50	136	-15
Northwood	84	50	68	-5	1.28	0.30	18.38	6.95	126	-27
North East District										
Decorah	88	47	71	-2	0.48	-0.49	18.55	6.44	146	-7
Dubuque	83	52	69	-3	0.24	-0.67	11.89	-0.76	132	-16
Elkader	85	51	69	-4	0.11	-0.80	17.99	6.40	132	-43
Independence	85	51	68	-3	1.44	0.39	19.64	7.20	129	-48
Waterloo	87	48	70	-3	0.87	-0.25	13.26	0.70	139	-17
West Central District										
Audubon	84	50	67	-8	0.82	-0.14	17.46	5.00	124	-46
Carroll	88	50	70	-4	0.93	-0.16	12.77	-0.45	138	-25
Castana	84	53	69	-5	1.35	0.48	10.13	-1.78	137	-19
Guthrie Center	86	50	69	-5	1.09	0.14	16.67	3.78	137	-27
Harlan	86	51	69	-6	2.36	1.41	15.56	3.12	134	-27
Jefferson	87	52	70	-4	3.20	2.11	17.20	3.98	138	-25
Logan	86	50	70	-6	1.34	0.44	13.49	1.18	141	-34
Rockwell City	84	50	68	-7	1.34	0.29	18.11	6.08	129	-39
Sioux City	88	47	70	-5	2.23	1.43	12.04	1.83	144	-27
Central District										
Ames	85	51	68	-5	1.32	0.20	16.11	2.80	129	-27
Boone	87	49	69	-5	0.81	-0.22	13.43	-0.21	134	-25
Des Moines	86	56	71	-5	1.06	0.13	14.94	2.91	147	-31
Eldora	89	51	69	-4	0.43	-0.68	12.74	-0.12	135	-23
Marshalltown	85	50	68	-6	0.16	-0.87	14.14	1.54	128	-30
Newton	86	53	69	-5	1.39	0.45	14.97	2.41	137	-30
Perry	86	51	69	-4	1.54	0.57	16.90	4.16	135	-26
Toledo	84	51	69	-5	0.65	-0.40	11.75	-1.11	132	-24
East Central District										
Cedar Rapids	86	53	70	-5	0.35	-0.66	12.70	0.64	139	-25
Davenport	86	52	69	-6	0.75	-0.20	14.55	2.71	138	-33
Iowa City	87	52	71	-5	3.48	2.36	13.69	0.73	147	-31
Lowden	86	53	70	-4	1.15	0.09	14.24	0.91	145	-16
Maquoketa	84	53	68	-5	0.52	-0.42	14.51	2.33	129	-28
Muscatine	85	52	70	-5	0.97	-0.08	13.21	0.79	144	-6
South West District										
Clarinda	84	47	68	-7	0.55	-0.57	13.17	-0.16	129	-45
Glenwood	86	51	70	-6	1.08	0.12	12.00	-0.96	142	-32
Oakland	84	50	68	-6	1.25	0.25	14.63	2.31	131	-33
Red Oak	86	51	70	-6	1.24	0.13	12.66	-1.13	144	-37
Sidney	82	58	70	-6	1.17	0.12	14.34	2.07	142	-40
South Central District										
Allerton	83	52	69	-6	0.71	-0.34	12.37	-0.06	131	-9
Beaconsfield	84	55	69	-6	0.77	-0.28	11.50	-0.77	132	-34
Chariton	83	48	69	-6	0.42	-0.70	13.43	0.34	131	-34
Indianola	86	49	69	-6	2.80	1.81	14.96	2.06	135	-31
Leon	83	48	68	-7	1.43	0.51	14.87	1.98	131	-37
South East District										
Bloomfield	85	55	70	-6	1.60	0.62	12.17	-0.29	143	-32
Burlington	88	53	74	-2	0.83	-0.15	9.35	-2.58	170	-4
Ottumwa	86	51	70	-6	0.45	-0.53	9.58	-2.07	143	-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 2004: AWIS, Inc. All Rights Reserved.