

Iowa Crops & Weather

USDA – National Agricultural Statistical Service
Iowa Field Office



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For the week ending July 10, 2005

Rain is Needed

Most Iowa counties received only limited rainfall this past week and remained below expected levels. Consequently, many reporters increased their rating of topsoil and subsoil moisture in the short and very short categories from a week ago. The East Central and Southern counties of the State showed a minimum of 47 percent of their topsoil in the short to very short range. Some corn leaves are rolling due to heat and limited rainfall. Farmers were able to make good progress harvesting oats and hay. Spraying herbicides on soybean fields is winding down, while fungicide applications were about to begin in most areas.

There were 6.1 **days suitable for fieldwork**, compared to 4.2 days the previous week and 3.6 days last year at this time. **Topsoil moisture** rated 12 percent very short, 27 percent short, 57 percent adequate, and 4 percent surplus across Iowa. **Subsoil moisture** rated 7 percent very short, 22 percent short, 64 percent adequate, and 7 percent surplus.

Field Crops Report: **Corn condition** was rated 1 percent very poor, 4 percent poor, 19 percent fair, 52 percent good, and 24 percent excellent. Average corn height was reported at 63 inches, up 12 inches from a week ago. **Corn tasseled** reached 19 percent, up 17 percentage points from a week ago and slightly ahead of the 5-year average of 16 percent. **Corn silked** was rated at 7 percent complete, slightly behind last year's progress of 8 percent and the 5-year average of 11 percent. **Soybean acreage blooming** reached 48 percent, slightly ahead of last year and the 5-year average. **Soybeans setting pods** was at 5 percent. **Soybean condition** was rated 1 percent very poor, 4 percent poor, 20 percent fair, 56 percent good, and 19 percent excellent. The **oat acreage turning color** was 82 percent, compared to 54 percent the previous week and 21 percentage points ahead of the 5-year average of 61 percent. **Oats harvested for grain** reached 7 percent, slightly ahead of last year and the 5-year average. **Oat condition** was rated 5 percent poor, 23 percent fair, 56 percent good, and 16 percent excellent. The **second cutting of alfalfa** was 63 percent complete, up 30 percentage

points from the previous week. **Hay condition** was 2 percent very poor, 6 percent poor, 27 percent fair, 55 percent good, and 10 percent excellent.

Livestock, Pasture, and Range Report: Livestock were reported to be in good condition and calves appeared to be growing well. **Pasture and range condition** was rated 3 percent very poor, 11 percent poor, 34 percent fair, 46 percent good, and 6 percent excellent. Lack of rainfall has lowered pasture condition from a week ago.

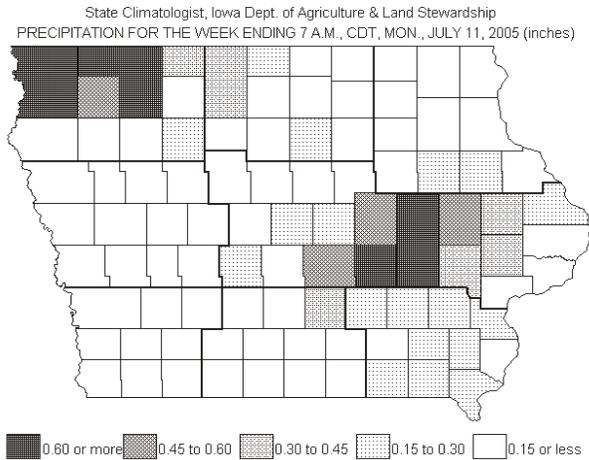
Iowa Weather Summary

The past work week began with temperatures averaging several degrees cooler than normal from Monday (4th) through Wednesday (6th). Daytime highs were only in the 70's and 80's on Monday and Tuesday and in the 80's Wednesday. Temperatures were back to seasonal normals on Thursday (7th) and Friday (8th) with highs in the 80's. Finally, heat returned for the weekend with highs in the upper 80's to lower 90's in most areas. Temperature extremes for the week ranged from a Wednesday (6th) morning low of 52 degrees at Mason City to a Saturday (9th) afternoon high of 94 degrees at Sioux City. The statewide average temperature for the week was 0.1 degrees below normal.

Rainfall was on the light side with only a few locations receiving more than one inch during the week. Most of the week's rain came on the morning of the Fourth when thunderstorms dampened parts of central and southeast Iowa. The only other date with any significant area of rainfall came on Friday (8th) when thunderstorms were scattered across the northwest one-third of the state. There were many areas that received no rain during the week, including such locations as Decorah, Sioux City, Glenwood, Jefferson, and Osceola. Haven (Tama County) reported the most rain with 1.74 inches. The statewide average precipitation was 0.18 inches while normal for the week is 0.98 inches. A drier week has not been recorded since early March (17 weeks).

Statewide Crop Conditions as of July 10, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	4	19	52	24
Hay, all	2	6	27	55	10
Oats	0	5	23	56	16
Range & Pasture	3	11	34	46	6
Soybeans	1	4	20	56	19



Field Work and Crop Progress as of July 10, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Corn, average tallest height	78	68	74	74	77	78	88	80	78	76	65	75	70
	65	55	59	60	67	65	74	62	66	63	51	61	56
Corn, average height													
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn tasseled	8	2	4	24	25	22	42	42	32	19	2	17	16
Corn silked	1	1	1	8	8	7	20	19	16	7	0	8	11
Soybeans blooming	50	55	65	43	51	48	50	23	32	48	21	43	42
Soybeans setting pods	2	5	2	3	9	5	9	2	3	5	NA	3	4
Oats turning color	74	62	78	73	84	93	93	87	82	82	54	66	61
Oats harvested for grain	5	1	5	8	8	8	7	7	15	7	0	3	5
Hay, alfalfa - second crop harvested	57	43	69	64	58	54	62	63	73	63	33	30	32

NA = Not Available

Days Suitable & Soil Moisture Condition as of July 10, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	5.7	5.7	6.4	6.4	5.8	6.5	6.6	6.6	6.1	6.1	4.2	3.6
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	1	1	8	7	1	53	6	32	9	12	7
Short	7	10	27	24	21	29	41	38	57	27	17	5
Adequate	88	76	62	64	71	18	53	30	34	57	67	72
Surplus	4	13	3	5	7	0	0	0	0	4	9	23
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	0	1	7	7	0	32	5	14	3	7	5
Short	5	6	32	14	18	31	17	37	51	22	17	5
Adequate	84	78	41	71	78	37	78	49	46	64	68	76
Surplus	11	15	20	8	4	0	0	0	0	7	10	19

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 10, 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	87	53	72	0	0.09	-0.72	10.10	-1.27	153	1
Sioux Center	89	53	74	1	0.97	0.10	11.92	0.33	170	4
Spencer	89	54	74	2	0.74	-0.17	12.42	0.97	169	8
Spirit Lake	87	57	73	2	0.29	-0.61	13.38	2.20	165	-10
North Central District										
Britt	87	54	72	-1	0.21	-0.84	16.61	4.07	155	-6
Humboldt	87	50	71	-3	0.04	-0.98	16.64	3.81	152	-13
Mason City	89	52	72	-1	0.71	-0.27	17.68	4.68	153	-1
Northwood	88	55	71	-2	0.63	-0.35	18.07	5.85	151	-4
North East District										
Decorah	89	54	71	-2	0.00	-0.92	11.40	-1.45	152	-7
Dubuque	86	56	71	-2	0.21	-0.70	8.27	-5.14	146	-7
Elkader	88	53	70	-4	0.13	-0.78	10.43	-1.90	139	-42
Independence	88	55	71	-1	0.33	-0.72	14.89	1.61	150	-32
Waterloo	88	55	72	-2	0.23	-0.89	14.16	0.71	155	-6
West Central District										
Audubon	87	56	72	-4	0.50	-0.41	13.97	0.77	158	-17
Carroll	88	59	75	2	0.00	-1.05	11.14	-2.92	175	7
Castana	90	59	74	-1	0.01	-0.79	15.29	2.74	169	8
Guthrie Center	89	56	73	-2	1.30	0.43	19.93	6.33	163	-5
Harlan	87	57	73	-2	0.09	-0.82	12.68	-0.50	166	1
Jefferson	91	59	74	0	0.00	-1.05	10.17	-3.89	170	2
Logan	89	56	75	-1	0.08	-0.77	13.95	0.96	178	-3
Rockwell City	87	58	72	-3	0.05	-1.00	14.72	1.86	159	-10
Sioux City	94	56	77	2	0.00	-0.77	11.70	0.87	187	11
Central District										
Ames	88	56	73	-1	0.24	-0.83	12.34	-1.81	159	-2
Boone	91	55	73	-1	0.08	-0.86	10.29	-4.11	165	-1
Des Moines	90	62	76	0	0.78	-0.09	15.35	2.61	183	1
Eldora	89	57	73	-2	0.23	-0.83	15.33	1.63	160	-2
Marshalltown	87	54	72	-2	0.17	-0.81	13.39	-0.01	155	-6
Newton	89	60	73	-2	1.47	0.57	15.19	1.90	161	-11
Perry	89	58	74	0	0.64	-0.26	14.59	1.12	168	1
Toledo	87	55	71	-3	0.31	-0.69	12.68	-0.97	148	-13
East Central District										
Cedar Rapids	87	55	71	-4	0.50	-0.48	11.36	-1.50	148	-20
Davenport	89	54	72	-3	0.06	-0.85	4.26	-8.33	157	-18
Iowa City	92	59	74	-2	0.65	-0.47	8.30	-5.57	171	-11
Lowden	89	57	72	-3	0.41	-0.64	7.93	-6.26	154	-11
Maquoketa	91	55	70	-3	0.26	-0.61	5.56	-7.33	145	-16
Muscatine	90	58	72	-4	0.30	-0.75	8.76	-4.52	159	5
South West District										
Clarinda	89	56	73	-3	0.03	-1.09	16.20	1.97	163	-17
Glenwood	91	57	75	-1	0.38	-0.53	14.23	0.54	179	-1
Oakland	88	60	75	2	1.12	0.17	13.62	0.54	175	7
Red Oak	90	59	76	-2	0.02	-1.04	12.36	-2.28	180	-5
Sidney	90	64	75	-2	0.04	-1.03	13.85	0.72	179	-9
South Central District										
Allerton	88	59	73	-3	0.12	-0.93	12.93	-0.35	162	18
Beaconsfield	89	55	74	-2	0.00	-1.01	13.38	0.30	168	-3
Chariton	89	55	73	-2	0.05	-1.03	12.98	-0.97	164	-7
Indianola	89	58	74	-2	0.32	-0.62	15.02	1.36	167	-5
Leon	90	54	73	-3	0.05	-0.86	9.96	-3.68	160	-14
South East District										
Bloomfield	90	59	73	-3	0.18	-0.83	12.67	-0.62	165	-16
Burlington	90	58	75	-2	0.12	-0.86	8.52	-4.22	175	-2
Ottumwa	88	56	74	-4	0.21	-0.79	9.72	-2.75	167	-15

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.