

Iowa Crops & Weather



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Issued July 19, 2004

Vol. 04-20

For the week ending July 18, 2004

Corn Acreage Tasseling at 57 Percent

Agricultural Summary: Sunshine throughout most of the week was of benefit to row crops. However, scattered wet and humid conditions continued to challenge hay producers as they attempted to bale hay. Corn tasseling and silking as well as soybean blooming and setting pods progressed to 1 day ahead of the 5-year average at those stages.

There were 4.9 **days suitable for fieldwork**, compared to 3.4 days the previous week and 4.9 days last year at this time. **Topsoil moisture** rated 5 percent short, 83 percent adequate, and 12 percent surplus across Iowa. **Subsoil moisture** rated 5 percent short, 84 percent adequate, and 11 percent surplus.

Field Crops Report: The **corn acreage tasseled** was 57 percent, while the **corn acreage silked** was 38 percent. **Corn condition** was rated 2 percent very poor, 5 percent poor, 16 percent fair, 51 percent good, and 26 percent excellent. **Soybean acreage blooming** was 69 percent, while **soybean acreage setting pods** was 19 percent. **Soybean condition** was rated 2 percent very poor, 6 percent poor, 20 percent fair, 50 percent good, and 22 percent excellent. **Oat acreage turning color** was 93 percent. **Oat acreage harvested for grain** was 10 percent complete. **Oat condition** was rated 1 percent very poor, 3 percent poor, 18 percent fair, 58 percent good, and 20 percent excellent. The **second cutting of alfalfa** advanced to 61 percent complete from 32 percent the previous week. **Hay condition** was 1 percent very poor, 3 percent poor, 18 percent fair, 51 percent good, and 27 percent excellent.

Livestock, Pasture, and Range Report: Overall, livestock conditions were good, although fly nuisances were cited. **Pasture and range condition** was rated 1 percent very poor, 4 percent poor, 17 percent fair, 55 percent good, and 23 percent excellent.

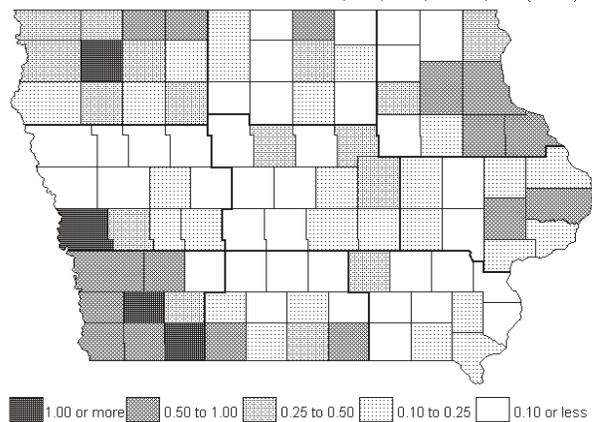
Iowa Weather Summary

The past work week began with very warm and humid weather on Monday (12th) and Tuesday (13th). Daytime highs were mainly in the 80's with a few 90's in the south and east. Shenandoah was the hot spot with 93 degrees on Tuesday. Thunderstorms were scattered across Iowa from Monday night into Tuesday morning but only a very few locations picked up significant rainfall. Temperatures over the remainder of the week were generally slightly below normal with daytime highs in the upper 70's to mid 80's. A few thunderstorms moved into far southwest Iowa on Tuesday (13th) afternoon and again on Wednesday (14th). Thursday (15th) brought widely scattered thunderstorms to the west one-half of the state while activity spread statewide on Friday (16th). Once again, however, only a very few locations recorded more than one-half inch of rain. The week's lowest temperature was recorded at Sibley on Sunday (18th) morning with a 51 degree reading. Temperatures for the week averaged 1.7 degrees below normal for the state. Weekly precipitation totals varied from none at several locations such as Ames, Cresco, Bloomfield and Denison while the greatest amounts were reported from Sanborn (2.13 inches), Lowden (1.82 inches) and Bedford (1.79 inches). The statewide average precipitation was 0.27 inches while normal for the week is 0.95 inches.

Statewide Crop Conditions as of July 18, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	16	51	26
Hay, all	1	3	18	51	27
Oats	1	3	18	58	20
Range & Pasture	1	4	17	55	23
Soybeans	2	6	20	50	22

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., JULY 19, 2004 (inches)



Field Work and Crop Progress as of July 18, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Corn tasseled	26	31	35	65	75	71	85	87	90	57	19	41	51
Corn silked	9	13	12	40	63	51	69	59	76	38	9	22	33
Soybeans blooming	72	69	61	64	68	66	82	64	71	69	46	52	66
Soybeans setting pods	7	19	24	15	23	8	34	17	33	19	3	10	16
Oats turning color	87	93	88	95	93	97	99	98	98	93	69	89	93
Oats harvested for grain	4	7	3	11	13	5	15	23	33	10	3	11	24
Hay, alfalfa - second crop harvested	63	64	42	66	61	64	72	58	81	61	32	62	62

Days Suitable & Soil Moisture Condition as of July 18, 2004

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	5.4	4.1	5.0	5.1	5.2	5.3	3.8	5.2	5.3	4.9	3.4	4.9
Topsoil moisture												
Very short	0	0	0	0	0	1	0	1	0	0	0	2
Short	2	5	4	4	3	10	0	7	10	5	4	11
Adequate	92	88	79	88	72	84	79	80	87	83	71	76
Surplus	6	7	17	8	25	5	21	12	3	12	25	12
Subsoil moisture												
Very short	1	0	0	0	0	0	0	1	0	0	0	3
Short	4	4	5	8	4	7	0	4	12	5	5	14
Adequate	89	83	77	85	83	87	81	79	83	84	75	74
Surplus	6	13	18	7	13	6	19	16	5	11	20	9

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 18, 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	85	53	71	-3	0.68	-0.09	14.05	1.77	147	-7
Sioux Center	88	55	72	-3	0.18	-0.59	14.86	2.33	158	-10
Spencer	88	53	72	-2	1.18	0.21	11.59	-1.03	159	-3
Spirit Lake	89	61	74	2	0.57	-0.27	13.49	1.30	170	-11
North Central District										
Britt	85	56	71	-3	0.23	-0.75	16.94	3.20	150	-14
Humboldt	85	59	72	-3	0.75	-0.23	16.25	2.25	156	-12
Mason City	85	54	70	-3	0.80	-0.18	26.35	12.17	145	-16
Northwood	82	56	70	-4	1.42	0.51	24.24	10.93	140	-21
North East District										
Decorah	89	57	73	-2	0.00	-0.91	23.24	9.31	160	-1
Dubuque	88	57	71	-2	0.18	-0.72	12.57	-1.89	151	-6
Elkader	86	56	71	-2	2.03	1.06	21.24	7.77	149	-37
Independence	86	55	70	-3	0.31	-0.74	21.43	6.89	141	-43
Waterloo	87	55	72	-2	0.08	-1.04	13.84	-0.96	154	-10
West Central District										
Audubon	87	54	72	-5	0.75	-0.16	19.75	5.47	153	-29
Carroll	88	55	73	-2	0.05	-0.93	14.50	-0.74	162	-6
Castana	88	58	74	-2	0.05	-0.65	11.21	-2.18	166	4
Guthrie Center	88	54	72	-4	0.28	-0.51	19.26	4.73	159	-16
Harlan	88	56	73	-3	0.33	-0.51	17.69	3.51	160	-8
Jefferson	88	58	74	-1	0.29	-0.69	18.30	3.06	169	1
Logan	89	58	74	-3	0.85	0.07	15.72	1.79	171	-13
Rockwell City	86	57	73	-2	0.63	-0.35	20.06	6.02	160	-15
Sioux City	90	59	75	-2	0.05	-0.69	12.34	0.62	175	-7
Central District										
Ames	87	56	72	-2	1.13	0.08	19.06	3.65	157	-10
Boone	88	57	73	-3	0.33	-0.51	14.20	-1.19	160	-9
Des Moines	89	62	74	-3	1.03	0.19	16.59	2.87	173	-16
Eldora	88	58	72	-3	0.50	-0.52	13.86	-1.07	156	-12
Marshalltown	86	55	71	-3	1.01	0.07	15.65	1.13	149	-19
Newton	89	58	72	-4	1.77	0.93	18.88	4.60	159	-16
Perry	87	57	72	-3	0.26	-0.58	17.75	3.29	155	-14
Toledo	87	57	71	-3	0.78	-0.20	13.20	-1.62	148	-17
East Central District										
Cedar Rapids	90	57	72	-4	0.29	-0.62	13.59	-0.34	153	-20
Davenport	89	56	72	-4	0.52	-0.32	16.60	3.01	157	-24
Iowa City	90	58	73	-4	0.40	-0.72	16.43	1.23	166	-21
Lowden	91	56	72	-2	1.96	0.98	17.01	1.66	158	-10
Maquoketa	88	55	71	-4	0.28	-0.49	15.74	1.94	146	-16
Muscatine	91	61	73	-3	0.17	-0.82	13.85	-0.61	165	6
South West District										
Clarinda	90	57	73	-4	1.68	0.56	16.32	0.75	164	-18
Glenwood	90	59	75	-3	1.33	0.49	15.08	0.38	176	-7
Oakland	89	57	73	-2	0.62	-0.26	18.24	4.11	162	-13
Red Oak	90	58	74	-4	1.06	0.08	15.27	-0.53	172	-17
Sidney	89	62	75	-3	1.27	0.15	16.58	2.10	177	-13
South Central District										
Allerton	90	58	73	-4	1.39	0.34	14.64	0.11	161	14
Beaconsfield	89	60	73	-3	1.63	0.65	13.74	-0.50	165	-10
Chariton	91	55	72	-5	1.21	0.20	15.73	0.57	154	-22
Indianola	90	58	73	-3	1.39	0.52	17.30	2.61	163	-12
Leon	92	56	73	-4	2.22	1.31	17.57	2.86	165	-17
South East District										
Bloomfield	90	60	74	-3	2.20	1.15	14.77	0.23	168	-15
Burlington	92	60	75	-2	0.31	-0.67	10.87	-3.02	176	-6
Ottumwa	89	56	73	-5	0.77	-0.28	10.60	-3.12	159	-30

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.