

Iowa Crops & Weather



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For the week ending July 27, 2003

Oat Harvest Progresses

Agricultural Summary: Oat harvest across the state progressed to 53 percent completion. Tall corn and short soybeans were cited throughout Iowa, but corn and soybean conditions look promising so far. Many areas of the state reported a need for rain. On average, corn growth slowed to 8 inches during the past week.

There were 6.3 **days suitable for fieldwork**, compared to 5.8 days last week and 5.5 days last year at this time. **Topsoil moisture** rated 7 percent very short, 23 percent short, 66 percent adequate, and 4 percent surplus across Iowa. **Subsoil moisture** rated 6 percent very short, 18 percent short, 71 percent adequate, and 5 percent surplus.

Field Crops Report: The **oat acreage harvested for grain** was 53 percent, behind last year's progress of 80 percent and the 5-year average of 67 percent completed. The **average corn height** for Iowa was 79 inches, while the **tallest corn height** was 90 inches. The **corn acreage tasseled** was 85 percent, behind the 93 percent tasseled last year at this time and the 5-year average of 91 percent tasseled. The **corn acreage silked** was 67 percent, behind last year's progress of 83 percent and the 5-year average of 80 percent silked. The **corn acreage in milk stage** was 10 percent. **Corn** condition rated 1 percent very poor, 3 percent poor, 14 percent fair, 54 percent good, and 28 percent excellent. The **soybean acreage blooming** was 81 percent, behind last year's progress of 92 percent blooming and four days behind the 5-year average of 87 percent blooming. The **soybean acreage setting pods** was 29 percent. **Soybean** condition rated 1 percent very poor, 3 percent poor, 15 percent fair, 56 percent good, and 25 percent excellent. The **second cutting of alfalfa hay** was 86 percent complete. **Hay** condition rated 1 percent very poor, 11 percent poor, 22 percent fair, 53 percent good, and 13 percent excellent.

Livestock, Pasture, and Range Report: Livestock conditions continued to be good. **Pasture and range** condition rated 3 percent very poor, 13 percent poor, 29 percent fair, 47 percent good, and 8 percent excellent.

Iowa Weather Summary

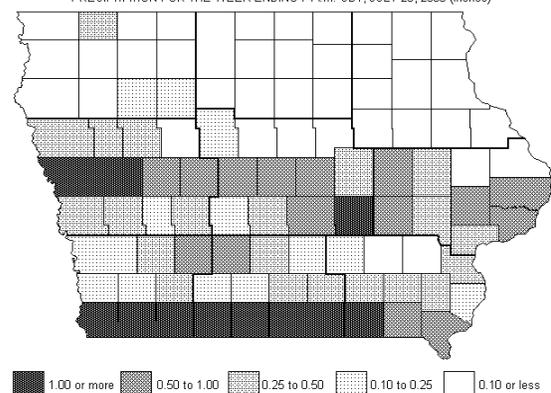
Unseasonably cool weather was the rule across Iowa from Monday (21st) through Thursday (24th) with daytime high temperatures mainly in the 70's. Morning low temperatures fell as low as 48 degrees on Wednesday (23rd) at Atlantic, Chariton, Estherville, Marshalltown, Mason City and Spencer and again on Thursday (24th) morning at Audubon, Decorah, Fayette and Guthrie Center. However, heat and humidity returned in a hurry on Friday (25th) with Shenandoah reaching 96 degrees. Saturday (26th) brought the hottest and most humid air of the year to much of western Iowa. Official temperatures topped 100 degrees for the first time this year in Iowa with 101 degree readings at Sidney and Shenandoah. Dew point temperatures near 80 degrees propelled the heat index to 114 degrees at Sioux City on Saturday afternoon. Cooler air slowly overspread the state on Sunday with afternoon highs mostly in the 80's. Temperatures for the week as a whole averaged from 0.1 degree below normal at Omaha-Council Bluffs down to 5.3 degrees below normal at Burlington.

The past work week was dry with the exception of some scattered showers across western Iowa on Tuesday (22nd). Thunderstorms moved from west central through central and into east central Iowa on Sunday (27th) while very welcome rain fell across extreme southern Iowa early Monday (28th) morning. There was no rain recorded during the week across most of north central and northeast Iowa while greatest rainfall totals were reported from Grinnell with 1.95 inches and Shenandoah with 1.94 inches. The statewide average precipitation was 0.36 inches, less than one-half of the weekly normal of 0.89 inches.

Statewide Crop Conditions as of July 27, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	14	54	28
Hay, all	1	11	22	53	13
Range & Pasture	3	13	29	47	8
Soybeans	1	3	15	56	25

PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, JULY 28, 2003 (inches)



Field Work and Crop Progress as of July 27, 2003

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, tallest height	90	96	87	85	88	86	95	89	100	90	83	86	76
Corn, average height	79	84	75	78	77	77	84	77	82	79	71	75	62
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn tasseled	89	89	80	80	88	80	91	85	84	85	53	93	91
Corn silked	68	82	60	59	68	57	77	65	63	67	30	83	80
Corn in or past milk stage	11	7	8	7	16	5	15	18	9	10	2	31	24
Soybeans blooming	78	87	94	84	84	81	49	65	81	61	61	92	87
Soybeans setting pods	20	32	69	29	19	21	38	16	16	29	13	51	48
Oats harvested for grain	66	59	31	81	49	48	76	75	62	53	15	80	67
Hay, alfalfa - second crop harvested	92	87	83	88	87	86	92	86	83	86	71	86	80

Days Suitable & Soil Moisture Condition as of July 27, 2003

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	6.6	6.1	6.6	6.3	6.3	5.3	6.7	6.7	6.3	6.3	5.8	5.5
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	1	1	9	3	1	0	24	25	6	7	2	24
Short	22	8	24	25	22	5	32	43	30	23	13	32
Adequate	75	77	62	70	72	93	43	32	62	66	76	44
Surplus	2	14	5	2	5	2	1	0	2	4	9	0
Subsoil moisture												
Very short	0	0	7	3	1	0	17	29	4	6	3	28
Short	7	5	27	13	8	8	36	37	39	18	15	36
Adequate	90	77	62	80	85	90	47	33	55	71	75	35
Surplus	3	18	4	4	6	2	0	1	2	5	7	0

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 27, 2003**

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	91	48	70	-3	0.18	-0.59	14.41	1.17	139	-15
Sioux Center	94	51	73	-2	0.00	-0.74	16.50	3.05	160	-8
Spencer	93	48	71	-4	0.19	-0.72	13.78	0.04	147	-15
Spirit Lake	90	53	72	-2	0.02	-0.79	12.24	-0.95	152	-29
North Central District										
Britt	90	52	69	-5	0.04	-0.89	18.34	3.45	135	-26
Humboldt	89	54	70	-4	0.06	-0.85	21.13	6.00	142	-26
Mason City	90	48	69	-5	0.13	-0.80	16.34	1.01	137	-24
Northwood	88	50	67	-7	0.56	-0.37	17.45	2.99	123	-38
North East District										
Decorah	90	48	71	-3	0.05	-0.82	12.42	-2.60	151	-12
Dubuque	87	51	70	-3	1.39	0.48	14.41	-1.20	144	-16
Elkader	90	49	71	-3	0.80	-0.18	19.66	4.98	145	-38
Independence	90	49	68	-5	1.46	0.41	21.24	5.41	128	-57
Waterloo	93	52	73	0	0.00	-1.06	17.61	1.50	165	3
West Central District										
Audubon	94	48	71	-6	0.05	-0.79	15.30	-0.03	148	-34
Carroll	96	53	72	-3	0.93	0.01	17.98	1.59	157	-11
Castana	96	53	73	-3	1.10	0.40	14.56	0.29	161	-3
Guthrie Center	96	48	73	-3	0.11	-0.67	15.68	0.16	162	-13
Harlan	96	52	72	-3	0.30	-0.48	14.39	-0.78	158	-10
Jefferson	95	53	72	-3	0.29	-0.63	22.53	6.14	154	-14
Logan	98	53	74	-3	0.37	-0.40	17.94	3.05	172	-10
Rockwell City	92	52	69	-6	0.07	-0.89	20.81	5.59	137	-36
Sioux City	96	50	74	-3	0.05	-0.65	14.89	2.30	172	-10
Central District										
Ames	93	50	72	-2	0.27	-0.73	17.91	1.26	159	-6
Boone	94	52	72	-3	0.72	-0.06	21.90	5.52	156	-12
Des Moines	98	56	76	-2	0.00	-0.84	17.10	2.32	186	-3
Eldora	93	55	71	-4	0.48	-0.50	19.17	3.03	146	-22
Marshalltown	91	50	72	-3	0.29	-0.68	17.28	1.56	152	-11
Newton	93	52	71	-4	0.18	-0.66	18.94	3.61	151	-24
Perry	95	51	72	-3	0.07	-0.72	21.14	5.69	155	-13
Toledo	92	51	70	-5	0.11	-0.87	15.95	-0.08	138	-27
East Central District										
Cedar Rapids	90	51	72	-4	1.41	0.50	16.44	1.37	152	-18
Davenport	87	51	71	-5	1.01	0.14	14.34	-0.34	150	-31
Iowa City	91	51	73	-5	1.45	0.34	13.00	-3.58	160	-27
Lowden	89	50	71	-3	1.07	0.09	11.97	-4.61	148	-20
Maquoketa	88	52	70	-4	0.38	-0.41	12.20	-2.60	140	-21
Muscatine	89	55	71	-5	0.68	-0.30	16.31	0.62	149	-12
South West District										
Clarinda	97	49	74	-3	0.00	-1.11	14.91	-2.03	169	-13
Glenwood	99	52	75	-2	0.11	-0.73	15.83	0.09	177	-6
Oakland	97	52	74	-2	0.35	-0.49	14.74	-0.44	166	-4
Red Oak	98	53	76	-2	0.08	-0.84	15.19	-1.77	182	-7
Sidney	101	58	76	-2	0.00	-1.05	11.85	-3.93	181	-8
South Central District										
Allerton	94	54	72	-5	0.34	-0.66	14.69	-1.09	153	6
Beaconsfield	95	55	73	-3	0.00	-0.95	12.29	-3.14	164	-15
Chariton	96	48	72	-5	0.01	-0.94	15.96	-0.39	154	-25
Indianola	95	53	73	-3	0.12	-0.72	20.25	4.50	164	-11
Leon	97	49	72	-5	0.04	-0.87	16.14	0.29	156	-26
South East District										
Bloomfield	93	54	73	-4	0.00	-1.05	16.76	0.92	162	-22
Burlington	87	51	72	-5	0.00	-0.92	14.86	-0.20	156	-26
Ottumwa	95	52	74	-4	0.00	-0.98	13.00	-1.94	168	-21

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 2003: AWIS, Inc. All Rights Reserved.