

Iowa Crops & Weather

Iowa Agricultural Statistics



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Issued July 14, 2003

Vol. 03-19

For the week ending July 13, 2003

Rains Have Good and Bad Effects

Agricultural Summary: Moisture conditions ranged from very short to surplus across Iowa due to widely scattered rain across the state. The storms that fell across northern Iowa left behind some hail damage, wet areas in fields, green snap in corn, and chlorotic soybeans. Other rains were a welcome drink for the crops. Rain has delayed some soybean applications of glyphosate. On average, corn grew 13 inches during the past week.

There were 2.5 **days suitable for fieldwork**, compared to 4.6 days last week and 4.5 days last year at this time. **Topsoil moisture** rated 1 percent very short, 5 percent short, 76 percent adequate, and 18 percent surplus across Iowa. **Subsoil moisture** rated 2 percent very short, 10 percent short, 73 percent adequate, and 15 percent surplus.

Field Crops Report: The **oat acreage turning color** was 70 percent, and the **oat acreage harvested for grain** was 2 percent. **Oat** condition rated 0 percent very poor, 2 percent poor, 17 percent fair, 64 percent good, and 17 percent excellent. The **average corn height** for Iowa was 60 inches, while the **tallest corn height** was 73 inches. The **corn acreage tasseled** was 10 percent, and the **corn acreage silked** was 3 percent. Corn condition rated 1 percent very poor, 3 percent poor, 11 percent fair, 56 percent good, and 29 percent excellent. The **soybean acreage blooming** was 30 percent, behind last year's progress of 71 percent blooming and seven days behind the 5-year average of 55 percent blooming. The **soybean acreage setting pods** was 1 percent. **Soybean** condition rated 1 percent very poor, 3 percent poor, 15 percent fair, 57 percent good, and 24 percent excellent. The **second cutting of alfalfa hay** was 40 percent complete. Hay condition rated 0 percent very poor, 3 percent poor, 18 percent fair, 64 percent good, and 15 percent excellent.

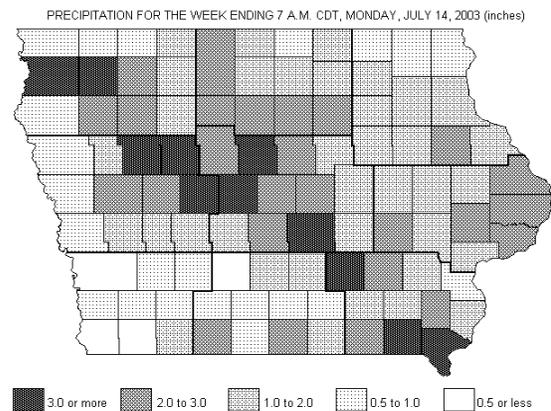
Livestock, Pasture, and Range Report: Due to rain, feedlots were muddy, but pastures have been lush. **Pasture and Range** condition rated 0 percent very poor, 3 percent poor, 19 percent fair, 57 percent good, and 21 percent excellent.

Iowa Weather Summary

The past work week began with very warm and humid conditions on Monday (7th). Monday afternoon temperatures were in the 80's across the north and 90's across the south with a 95 degree maximum at Shenandoah. Thunderstorms developed in central and east central Iowa on Monday afternoon and evening with very large hail pelting Jasper and eastern Polk County. Daytime temperatures in the 90's lingered in southwest Iowa on Tuesday (8th); however, widespread thunderstorm activity kept highs only in the 70's over much of the rest of the state. There were several episodes of isolated severe thunderstorm activity on Tuesday with hail and/or high wind reports received from eight counties, as well as torrential rains in far southeast and northwest Iowa. Thunderstorms were again widespread on Wednesday (9th). Severe weather was reported from 20 counties with very heavy rain across parts of central Iowa. Quiet weather finally returned to Iowa on Thursday (10th) while temperatures averaged about 5 degrees below normal through the remainder of the week. A few thunderstorms traversed far northeast and east central Iowa on Friday (11th) afternoon but no severe weather was reported. The week's lowest temperatures reported were 53 degree readings recorded at Decorah, Fayette, and Spencer on Saturday (12th) morning and at Mason City on Sunday (13th) morning. Temperatures for the week as a whole averaged from exactly normal at Lamoni down to 4.4 degrees below normal at Mason City. Weekly rainfall totals varied from 0.19 inches at Clarinda and 0.22 inches at Lorimor up to 4.50 inches at Ogden and 4.64 inches at Jefferson. The statewide average precipitation was 1.71 inches, or nearly double the weekly normal of 0.96 inches.

Statewide Crop Conditions as of July 13, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	11	56	29
Hay, all	0	3	18	64	15
Oats	0	2	17	64	17
Range & Pasture	0	3	19	57	21
Soybeans	1	3	15	57	24



Field Work and Crop Progress as of July 13, 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	70	68	69	69	75	78	77	78	83	73	61	78	72
Corn, average height	59	62	54	57	62	64	64	59	66	60	47	65	58
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn tasseled	7	2	4	9	10	12	18	18	27	10	1	NA	NA
Soybeans blooming	24	39	42	36	25	22	30	17	25	30	14	71	55
Oats turning color	55	53	52	76	68	85	87	85	91	70	39	NA	NA
Hay, alfalfa - second crop harvested	45	32	40	36	35	34	53	38	47	40	21	NA	NA

NA = Not available.

Days Suitable & Soil Moisture Condition as of July 13, 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	2.4	0.7	1.7	2.2	2.6	2.1	4.5	4.4	3.8	2.5	4.6	4.5
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	1	2	4	1	1	3	13
Short	0	0	2	3	1	6	14	18	8	5	13	33
Adequate	80	61	65	75	77	85	82	73	85	76	73	50
Surplus	20	39	33	22	22	8	2	5	6	18	11	3
Subsoil moisture												
Very short	0	0	0	1	0	2	2	15	1	2	3	19
Short	2	0	6	3	4	11	22	26	29	10	15	36
Adequate	78	58	72	80	86	82	74	56	65	73	72	42
Surplus	20	42	22	16	10	5	2	3	5	15	10	3

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 13, 2003**

STATION	CURRENT WEEK				SINCE APRIL 1		CURRENT WEEK			
	TEMPERATURE			PRECIPITATION	PRECIPITATION		GDD BASE 50F			
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN		
North West District										
Estherville	84	55	69	-3	1.44	0.66	14.22	2.52	134	-20
Sioux Center	86	55	71	-4	2.60	1.77	16.50	4.56	146	-22
Spencer	84	53	69	-4	1.67	0.73	13.57	1.70	137	-24
Spirit Lake	84	57	70	-4	0.73	-0.14	11.93	0.39	140	-35
North Central District										
Britt	84	56	68	-6	2.01	0.97	17.83	4.85	129	-32
Humboldt	83	58	69	-5	2.19	1.20	20.91	7.66	136	-32
Mason City	83	53	69	-5	1.70	0.72	15.25	1.83	131	-25
Northwood	80	57	68	-6	1.53	0.57	16.89	4.27	126	-32
North East District										
Decorah	85	53	69	-5	1.04	0.13	12.37	-0.87	134	-27
Dubuque	88	55	69	-4	1.89	0.99	12.96	-0.83	136	-18
Elkader	89	55	69	-5	2.67	1.76	18.76	6.04	133	-49
Independence	88	55	69	-4	1.98	0.93	19.34	5.61	137	-45
Waterloo	90	59	73	-1	1.23	0.11	17.23	3.30	160	-1
West Central District										
Audubon	90	54	71	-5	0.46	-0.45	15.25	1.66	151	-25
Carroll	88	57	71	-3	2.75	1.72	17.05	2.56	150	-18
Castana	90	59	72	-3	0.90	0.14	13.46	0.59	154	-7
Guthrie Center	90	54	71	-4	1.43	0.59	15.57	1.61	150	-20
Harlan	90	57	72	-3	1.44	0.55	14.09	0.54	158	-10
Jefferson	90	58	72	-3	4.87	3.84	22.24	7.75	155	-13
Logan	92	56	74	-3	0.80	-0.04	17.57	4.22	168	-14
Rockwell City	84	57	70	-5	3.77	2.75	20.55	7.27	140	-32
Sioux City	88	55	73	-4	0.37	-0.40	14.84	3.68	161	-18
Central District										
Ames	89	57	72	-2	2.85	1.80	17.61	3.01	158	-3
Boone	88	56	71	-4	3.22	2.33	20.85	6.08	147	-21
Des Moines	91	61	76	-2	1.10	0.26	16.94	3.84	182	-3
Eldora	86	57	71	-4	2.40	1.35	18.27	4.12	148	-17
Marshalltown	88	55	71	-3	1.70	0.72	16.26	2.44	150	-12
Newton	90	58	73	-3	2.57	1.70	18.71	5.06	160	-15
Perry	89	58	72	-3	1.48	0.61	21.05	7.22	155	-13
Toledo	89	57	71	-3	1.66	0.68	15.27	1.20	149	-12
East Central District										
Cedar Rapids	90	56	72	-3	2.09	1.14	14.98	1.73	155	-13
Davenport	90	56	72	-4	3.93	3.03	13.28	0.31	159	-16
Iowa City	92	58	74	-3	1.35	0.23	11.50	-2.85	168	-14
Lowden	93	53	71	-3	2.39	1.36	10.90	-3.72	149	-19
Maquoketa	89	56	69	-5	2.81	1.98	11.80	-1.44	133	-28
Muscatine	92	58	73	-3	1.42	0.37	15.63	1.90	164	10
South West District										
Clarinda	92	54	75	-1	0.27	-0.85	14.86	0.15	176	-6
Glenwood	94	58	75	-2	0.60	-0.29	14.80	0.74	179	-3
Oakland	90	56	75	1	0.51	-0.41	14.37	0.90	174	5
Red Oak	93	58	76	-1	0.65	-0.37	15.03	-0.03	186	-2
Sidney	93	64	77	1	0.36	-0.74	11.79	-1.82	194	5
South Central District										
Allerton	92	59	74	-1	2.27	1.22	14.08	0.35	173	26
Beaconsfield	90	59	74	-1	1.25	0.27	12.15	-1.35	172	-2
Chariton	91	55	74	-1	1.50	0.45	15.87	1.47	172	-2
Indianola	90	58	73	-2	2.26	1.35	20.07	6.02	162	-13
Leon	90	55	74	-2	0.97	0.06	15.96	1.93	171	-6
South East District										
Bloomfield	91	60	75	-1	2.56	1.52	16.76	3.02	178	-4
Burlington	91	60	75	-1	2.70	1.72	14.09	0.93	178	-2
Ottumwa	91	58	74	-3	1.69	0.66	12.92	0.00	173	-11

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.