

Iowa Crops & Weather



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For the week ending June 15, 2003

Warmer Temperatures Arrive

During the past week, crop development advanced due to warmer temperatures. The second half of last week brought good growth in crops, yet hay quality was an issue because of the wet weather and delay of putting up hay. Field activity last week included post-emergence herbicide application in corn, glyphosate application in Roundup Ready soybeans, sidedressing of nitrogen, and completing the first cutting and baling of hay. Livestock conditions continued to be rated good.

Topsoil moisture rated 0 percent very short, 5 percent short, 85 percent adequate, and 10 percent surplus across Iowa. **Subsoil moisture** rated 1 percent very short, 11 percent short, 80 percent adequate, and 8 percent surplus.

There were 4.8 **days suitable for fieldwork**, compared to 3.4 days last week and 3.9 days last year at this time. The **oat acreage headed** was 37 percent, compared to 13 percent last week. **Oat** condition rated 0 percent very poor, 1 percent poor, 12 percent fair, 64 percent good, and 23 percent excellent. **Corn emergence** was at 99 percent. The **corn stand** was reported as 92 percent of normal. **Corn** condition rated 1 percent very poor, 3 percent poor, 16 percent fair, 60 percent good, and 20 percent excellent. **Soybean planting** increased from 96 percent complete to 99 percent complete. **Soybean emergence** was at 91 percent, behind last year's progress of 96 percent emergence, but similar to the 5-year average of 91 percent emergence. **Soybean** condition rated 0 percent very poor, 3 percent poor, 18 percent fair, 61 percent good, and 18 percent excellent. The **first cutting of alfalfa hay** was 72 percent complete. **Hay** condition rated 0 percent very poor, 2 percent poor, 18 percent fair, 58 percent good, and 22 percent excellent. **Pasture and Range**

condition rated 0 percent very poor, 2 percent poor, 13 percent fair, 67 percent good, and 18 percent excellent.

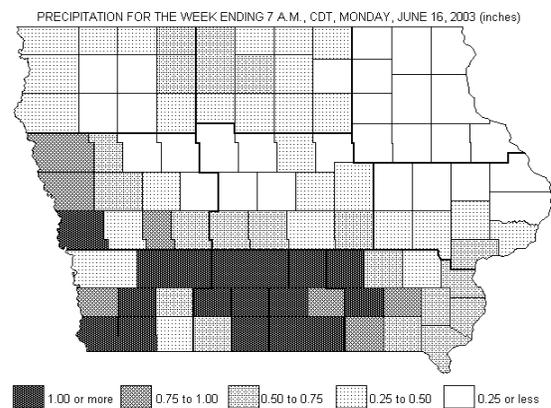
Iowa Weather Summary

Below normal temperatures prevailed in most areas of Iowa for the first half of the past week with only a few locations reaching 80 degrees through Wednesday (11th). Thursday (12th) temperatures averaged near normal while increased heat and humidity brought temperatures a few degrees above normal for Friday (13th) and the weekend. Temperature extremes for the week ranged from a Thursday (12th) morning low of 47 degrees at Waukon up to a Sunday (15th) afternoon high of 91 degrees at Logan. Temperatures for the week as a whole averaged from 2.1 degrees above normal at Des Moines down to 2.1 degrees subnormal at Omaha-Council Bluffs.

Rain fell statewide from Monday (9th) evening into Tuesday (10th) morning and accounted for over 80% of the week's rain total. A few isolated showers developed over north central Iowa on Thursday (12th) while far southwest Iowa was on the northern edge of a large area of moderate to heavy rainfall. Scattered showers and thunderstorms dotted parts of the southern one-half of Iowa each afternoon from Friday (13th) through Sunday (15th). While a few locations picked up more than an inch of rain from these late week storms most areas remained dry. Weekly rainfall totals varied from 0.02 inches at Elkader and 0.03 inches at Guttenberg up to 3.50 inches at Little Sioux (all occurring on Monday night). The statewide average rainfall was 0.51 inches or about half of the weekly normal of 1.05 inches.

Statewide Crop Conditions as of June 15, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	16	60	20
Hay, all	0	2	18	58	22
Oats	0	1	12	64	23
Range & Pasture	0	2	13	67	18
Soybeans	0	3	18	61	18



Field Work and Crop Progress as of June 15, 2003

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn stand compared to normal (normal = 100%)	93	91	91	94	88	92	92	93	94	92	NA	NA	NA
Soybeans emerged	93	98	91	89	91	87	92	84	91	91	74	96	91
Oats headed	29	34	19	37	49	44	45	44	70	37	13	NA	NA
Hay, alfalfa - first crop harvested	90	76	72	69	72	83	67	58	79	72	51	NA	NA

NA = Not Applicable

Days Suitable & Soil Moisture Condition as of June 15, 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	5.5	4.4	5.5	5.0	4.9	4.0	4.2	4.1	4.3	4.8	3.4	3.9
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	1	1
Short	10	5	6	3	2	7	3	3	11	5	6	10
Adequate	86	75	86	88	90	89	75	84	88	85	77	72
Surplus	4	20	8	9	8	4	22	13	1	10	16	18
Subsoil moisture												
Very short	0	0	0	0	0	1	1	5	1	1	1	1
Short	2	6	11	3	2	17	14	26	28	11	11	19
Adequate	96	68	78	91	92	79	79	63	69	80	76	66
Surplus	2	26	11	6	6	3	6	6	2	8	12	14

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, June 15, 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	83	50	66	-2	0.59	-0.39	7.26	-0.90	111	-9
Sioux Center	89	49	70	1	0.15	-0.91	7.96	-0.15	144	8
Spencer	84	48	67	-2	0.29	-0.62	7.21	-0.99	119	-8
Spirit Lake	87	51	68	1	0.36	-0.65	7.25	-0.44	126	-18
North Central District										
Britt	82	51	66	-5	0.66	-0.39	10.66	1.89	113	-24
Humboldt	83	53	67	-3	0.76	-0.30	11.76	2.75	119	-11
Mason City	83	49	66	-2	0.54	-0.52	8.39	-0.91	115	-8
Northwood	80	51	65	-4	0.33	-0.65	10.41	1.69	106	-19
North East District										
Decorah	83	48	68	0	0.16	-0.84	7.92	-1.43	125	0
Dubuque	83	51	66	-1	0.19	-0.79	8.46	-1.62	116	-4
Elkader	84	48	65	-3	0.29	-0.62	11.43	2.35	108	-35
Independence	86	51	67	-1	0.32	-0.73	13.14	3.64	121	-27
Waterloo	88	52	70	3	0.22	-0.82	13.26	3.72	144	15
West Central District										
Audubon	84	48	66	-6	0.85	-0.16	11.61	1.84	111	-32
Carroll	85	50	67	-2	0.33	-0.85	9.89	-0.19	123	-9
Castana	84	52	67	-3	0.65	-0.44	8.88	-0.36	122	-8
Guthrie Center	86	47	67	-3	0.83	-0.36	11.81	1.82	118	-16
Harlan	88	50	68	-3	0.99	-0.06	10.64	0.96	126	-10
Jefferson	88	51	68	-2	0.28	-0.90	12.85	2.77	126	-6
Logan	88	49	68	-4	0.17	-0.88	12.33	2.70	126	-18
Rockwell City	84	53	67	-4	0.20	-0.85	11.33	2.22	121	-20
Sioux City	87	47	69	-2	1.03	0.16	9.22	1.30	132	-9
Central District										
Ames	88	51	69	2	0.08	-1.11	9.62	-0.49	137	9
Boone	86	50	68	-2	0.19	-1.07	12.08	1.62	126	-4
Des Moines	88	54	72	1	0.72	-0.34	12.79	3.54	152	6
Eldora	84	53	68	-2	0.33	-0.83	11.51	1.83	126	-4
Marshalltown	87	51	69	0	0.48	-0.64	10.36	0.77	132	2
Newton	86	53	68	-2	0.23	-0.88	12.19	2.41	130	-7
Perry	86	51	67	-3	0.36	-0.82	14.07	4.25	122	-10
Toledo	84	53	68	-1	0.49	-0.60	11.21	1.26	125	-2
East Central District										
Cedar Rapids	84	51	68	-2	0.27	-0.80	8.40	-0.74	128	-8
Davenport	84	52	67	-4	0.59	-0.45	7.89	-1.20	123	-21
Iowa City	87	54	70	-2	0.55	-0.50	7.90	-2.02	140	-10
Lowden	84	52	67	-3	0.64	-0.48	6.33	-3.97	119	-17
Maquoketa	81	49	65	-4	0.34	-0.78	6.34	-3.00	108	-21
Muscatine	84	54	68	-4	1.39	0.40	11.71	2.18	125	2
South West District										
Clarinda	85	49	67	-4	0.66	-0.39	11.44	1.15	122	-22
Glenwood	87	52	68	-4	0.81	-0.31	10.99	0.89	126	-18
Oakland	87	49	65	-5	0.40	-0.72	10.65	1.26	109	-27
Red Oak	87	49	68	-5	1.04	-0.20	11.13	0.60	127	-24
Sidney	85	51	69	-4	0.73	-0.25	9.92	0.44	132	-19
South Central District										
Allerton	83	50	67	-3	0.78	-0.22	8.91	-0.62	122	9
Beaconsfield	83	51	67	-3	0.81	-0.18	9.24	-0.13	122	-12
Chariton	86	47	66	-4	0.99	-0.13	10.35	0.43	113	-20
Indianola	84	49	67	-3	1.06	-0.05	12.17	2.14	118	-19
Leon	85	48	67	-3	1.56	0.51	11.87	1.63	119	-15
South East District										
Bloomfield	83	53	69	-3	0.83	-0.10	11.76	2.00	134	-12
Burlington	84	54	70	-1	0.48	-0.44	9.29	0.05	143	-3
Ottumwa	82	51	69	-3	1.21	0.37	9.31	0.24	137	-13

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.