

Iowa Crops & Weather



Iowa Agricultural Statistics
 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
 515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
 To access NASS reports - <http://www.usda.gov/nass/>



Issued June 21, 2004

Vol. 04-16

For the week ending June 20, 2004

Iowa Experienced Another Wet Week

Agricultural Summary: Iowa experienced another week of wet weather, which hindered the first alfalfa harvest and spraying of soybean fields. Wet weather continued to stress crops in many areas. Operators cited the need for warm weather.

There were 3.2 **days suitable for fieldwork**, compared to 3.5 days the previous week and 5.7 days last year at this time. **Topsoil moisture** rated 71 percent adequate and 29 percent surplus across Iowa. **Subsoil moisture** rated 3 percent short, 74 percent adequate, and 23 percent surplus.

Field Crops Report: The **corn stand** was reported as 94 percent of normal. The **average corn height** was 26 inches, while the **tallest corn height** was 36 inches. **Corn condition** rated 2 percent very poor, 6 percent poor, 19 percent fair, 55 percent good, and 18 percent excellent. **Soybean condition** rated 2 percent very poor, 6 percent poor, 22 percent fair, 54 percent good, and 16 percent excellent. The **oat acreage headed** was 81 percent, compared to 54 percent the previous week, and 3 days ahead of the 5-year average of 71 percent. **Oat condition** rated 2 percent poor, 20 percent fair, 62 percent good, and 16 percent excellent. The **first cutting of alfalfa** was 83 percent complete, compared to 68 percent the previous week and 2 days ahead of the 5-year average of 78 percent. **Hay condition** was 1 percent very poor, 4 percent poor, 16 percent fair, 53 percent good, and 26 percent excellent.

Livestock, Pasture, and Range Report: Overall, livestock conditions were good. **Pasture and range condition** was rated 3 percent poor, 15 percent fair, 52 percent good, and 30 percent

excellent.

Iowa Weather Summary

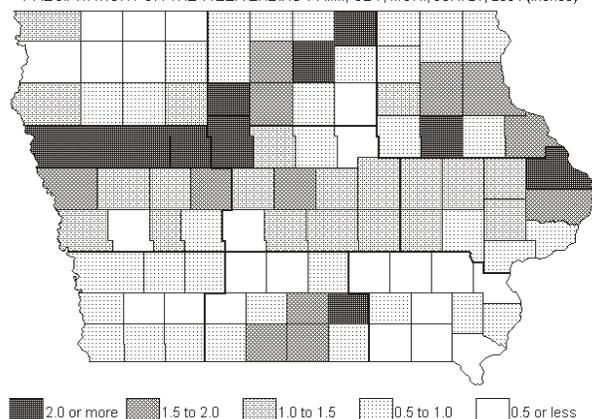
The past work week began with warm and humid weather prevailing from Monday (14th) into Wednesday (16th). Daytime temperatures were mainly in the upper 70's to mid 80's early in the week with highest readings of 88 degrees at Iowa City, Burlington and Clinton on Wednesday (16th). Much cooler and drier air moved into northwest Iowa on Wednesday and finally overspread all of the state by Thursday (17th) evening. Well below normal temperatures were the rule late in the week with highs mainly in the mid 60's to lower 70's from Friday (18th) through Sunday (20th). The coolest weather came on Saturday (19th) morning when lows dipped into the 40's over much of Iowa with Spencer the cold spot at 40 degrees. Temperatures for the week as a whole averaged from 1.0 degrees below normal at the Quad Cities to 6.3 degrees subnormal at Mason City. The statewide average temperature for the week was 3.8 degrees cooler than normal.

Showers and thunderstorms were spread throughout the past week. However, the most widespread activity came on Wednesday (16th) when thunderstorms occurred nearly statewide and locally heavy rain fell from west central into northeast Iowa. Light rain fell almost statewide on Friday (18th) with showers and thunderstorms again widespread early Monday (21st). Weekly rain totals varied from 0.11 inches at Van Meter and 0.26 inches at Winterset to 4.30 inches at Sac City and 4.11 inches at Rockwell City. The statewide average rainfall was 1.12 inches or just slightly more than the weekly normal of 1.10 inches.

Statewide Crop Conditions as of June 20, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	19	55	18
Hay, all	1	4	16	53	26
Oats	0	2	20	62	16
Range & Pasture	0	3	15	52	30
Soybeans	2	6	22	54	16

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., JUN. 21, 2004 (inches)



Field Work and Crop Progress as of June 20, 2004

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	28	29	31	28	37	45	47	55	57	36	NA	NA	NA
Corn, average height	21	18	21	21	27	35	33	35	44	26	NA	NA	NA
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn stand (normal = 100%)	92	94	92	93	96	96	97	93	96	94	94	93	NA
Oats headed	63	78	76	80	85	97	95	74	85	81	54	68	71
Hay, alfalfa - first crop harvested	89	76	81	93	97	95	93	73	71	83	68	87	78

NA = Not available.

Days Suitable & Soil Moisture Condition as of June 20, 2004

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	3.5	2.8	3.9	2.5	3.6	3.7	3.4	2.0	3.3	3.2	3.5	5.7
	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	0	2
Short	1	0	0	1	0	0	0	0	0	0	1	17
Adequate	87	63	48	79	71	80	74	52	80	71	68	75
Surplus	12	37	52	20	29	20	26	48	20	29	31	6
Subsoil moisture												
Very short	0	0	0	0	0	0	0	1	0	0	0	2
Short	14	4	2	4	1	0	0	1	2	3	5	15
Adequate	80	60	56	84	74	82	85	69	74	74	71	76
Surplus	6	36	42	12	25	18	15	29	24	23	24	7

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, June 20, 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	82	43	64	-5	0.88	-0.10	9.32	0.40	99	-31
Sioux Center	87	44	66	-6	0.62	-0.44	10.00	1.06	113	-32
Spencer	85	40	66	-4	0.80	-0.11	8.00	-0.90	114	-23
Spirit Lake	84	46	64	-6	0.56	-0.49	8.53	0.01	96	-58
North Central District										
Britt	82	46	65	-6	1.17	0.12	13.43	3.84	109	-36
Humboldt	80	48	65	-7	1.83	0.71	12.86	2.98	104	-36
Mason City	81	42	65	-5	3.08	2.00	20.68	10.54	104	-30
Northwood	81	46	64	-6	0.66	-0.32	16.50	7.03	98	-37
North East District										
Decorah	87	44	67	-3	0.08	-0.97	17.38	7.22	117	-19
Dubuque	83	49	67	-2	1.07	0.09	10.89	0.08	124	-6
Elkader	83	47	67	-3	1.17	0.26	17.21	7.44	121	-32
Independence	82	45	67	-3	3.35	2.30	17.17	6.86	117	-41
Waterloo	85	44	68	-3	0.12	-0.93	11.56	1.21	127	-11
West Central District										
Audubon	81	51	66	-7	2.51	1.53	16.48	5.96	112	-40
Carroll	89	46	67	-4	0.58	-0.61	11.13	0.12	119	-24
Castana	83	46	66	-6	1.33	0.28	8.32	-1.74	111	-29
Guthrie Center	82	48	67	-4	1.79	0.65	15.25	4.39	121	-23
Harlan	82	48	66	-6	0.97	-0.08	12.96	2.47	114	-30
Jefferson	83	47	66	-5	1.23	0.04	13.01	2.00	116	-27
Logan	85	49	67	-5	1.40	0.37	12.01	1.58	123	-32
Rockwell City	80	46	65	-7	4.10	3.05	16.36	6.43	109	-42
Sioux City	86	44	67	-6	1.83	0.99	9.64	1.07	117	-34
Central District										
Ames	81	47	68	-3	1.18	-0.01	13.15	2.11	127	-10
Boone	83	45	67	-4	1.51	0.25	11.69	0.25	119	-21
Des Moines	85	54	70	-4	1.22	0.15	13.68	3.62	140	-17
Eldora	87	47	68	-3	0.44	-0.75	10.86	0.25	128	-12
Marshalltown	82	44	67	-3	0.86	-0.26	13.04	2.59	125	-16
Newton	83	49	68	-4	1.29	0.24	13.17	2.58	126	-22
Perry	82	47	67	-3	0.24	-0.89	14.40	3.71	123	-19
Toledo	83	47	67	-4	0.34	-0.71	9.49	-1.27	121	-16
East Central District										
Cedar Rapids	84	48	69	-3	0.78	-0.34	10.16	0.16	135	-9
Davenport	87	49	70	-3	0.69	-0.36	13.07	3.18	141	-13
Iowa City	88	53	71	-2	0.39	-0.67	9.13	-1.59	149	-11
Lowden	87	47	69	-2	1.32	0.20	11.28	0.13	137	-7
Maquoketa	85	49	68	-3	2.99	1.87	12.60	2.40	125	-15
Muscatine	83	51	69	-4	1.04	-0.01	11.87	1.55	137	3
South West District										
Clarinda	83	53	68	-5	0.39	-0.66	12.35	1.26	129	-25
Glenwood	86	53	70	-3	0.15	-0.95	9.94	-1.02	140	-14
Oakland	82	51	68	-4	1.33	0.21	12.51	2.25	126	-19
Red Oak	84	53	69	-5	0.08	-1.16	10.66	-0.83	137	-25
Sidney	83	53	68	-6	0.39	-0.59	12.34	2.11	127	-34
South Central District										
Allerton	82	50	67	-4	1.58	0.53	11.64	1.31	122	0
Beaconsfield	84	51	67	-4	0.50	-0.55	10.51	0.34	120	-24
Chariton	83	48	68	-3	3.39	2.22	12.99	2.16	131	-12
Indianola	84	54	69	-3	0.91	-0.18	11.74	0.88	131	-16
Leon	87	50	70	-2	1.58	0.58	13.12	2.13	138	-6
South East District										
Bloomfield	85	51	69	-4	0.55	-0.43	10.54	0.04	134	-22
Burlington	88	50	73	2	0.61	-0.37	7.88	-2.09	162	6
Ottumwa	85	50	69	-5	1.25	0.35	9.10	-0.65	134	-25

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.