



# Crops & Weather

National Agricultural Statistics Service  
Iowa Field Office

USDA National Agricultural Statistical Service, Iowa Field Office • 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
Phone 515-284-4340 • 1-800-772-0825 • Fax 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)

In Cooperation with the Iowa Department of Agriculture and Land Stewardship

Issued June 6, 2011 Vol 11-14

For the week ending June 5, 2011

## WARMER WEATHER PROMOTES CROP GROWTH

Warmer weather and sunshine prompted substantial crop growth. Relief from windy conditions allowed spraying although many farmers are still waiting for an opportunity to spray. Farmers who operate near the Missouri River are keeping watchful eyes on the river level as some move grain and machinery to higher ground in preparation for the worst.

There were 4.3 days suitable for fieldwork statewide during the past week. Southeast Iowa had only 1.60 days suitable while northeast Iowa had 5.4 days suitable. Topsoil moisture levels rated 0 percent very short, 5 percent short, 80 percent adequate, and 15 percent surplus. Subsoil moisture rated 0 percent very short, 2 percent short, 80 percent adequate, and 18 percent surplus.

Nearly all of Iowa's corn acreage has been planted and 96 percent has emerged. Corn condition is reported at 0 percent very poor, 2 percent poor, 17 percent fair, 60 percent good, and 21 percent excellent. Soybean planting is 94 percent complete, equal to last year and just ahead of the normal pace of 93 percent. South central Iowa soybean planting progress remains behind the rest of the State with just 76 percent planted. Seventy-eight percent of the State's soybean crop has emerged, marginally behind last year's 79 percent but ahead of the five-year average of 74 percent. The year's first estimate of soybean condition in Iowa shows 79 percent rated good to excellent. Nine percent of the oat crop has headed compared with 26 percent in 2010 and the average 15 percent. Oat condition remained relatively steady with 1 percent very poor, 2 percent poor, 19 percent fair, 64 percent good, and 14 percent excellent. First cutting alfalfa hay harvest, at 33 percent complete, is well behind last year's 60 percent but gaining on the normal 39 percent. The condition of the hay crop is reported at 1 percent very poor, 5 percent poor, 26 percent fair, 55 percent good, and 13 percent excellent.

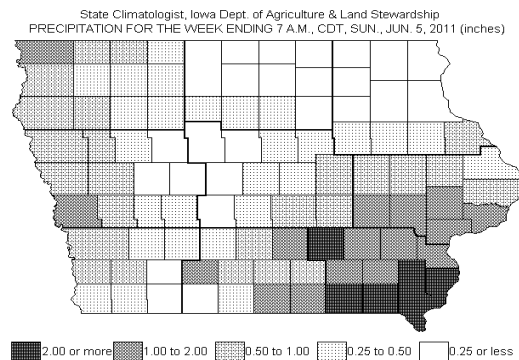
Pasture and range condition was 1 percent very poor, 4 percent poor, 22 percent fair, 53 percent good, and 20 percent excellent. The warmer weather caused little if any stress to livestock.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

Summerlike weather finally made a prolonged appearance in Iowa this past week. Temperatures were well above normal except on Sunday (29<sup>th</sup>) and Wednesday (1<sup>st</sup>). Friday (3<sup>rd</sup>) was the hottest day with high temperatures in the mid 90s common over central and north central sections. Temperature extremes for the week ranged from a Wednesday morning low of 44 degrees at Sibley to a Friday afternoon high of 98 degrees at Clarion. Temperatures for the week as a whole averaged 5.6 degrees above normal with soil temperatures as of Sunday (5<sup>th</sup>) averaging in the upper 60s southeast to the low to mid 70s west. Thunderstorms brought rain to most of Iowa Monday night and Wednesday night with thunderstorms persisting across southeastern Iowa into Thursday afternoon. Finally, there were a few isolated thunderstorms on Sunday (5<sup>th</sup>). There were scattered reports of large hail and high winds with each period of storms during the week. The week's much warmer weather was often accompanied by strong winds, thus leaving top soil very dry in many areas. Weekly rain totals were on the light side over most of the state with the exception of the southeast one-third of Iowa. Rain totals varied from only 0.03 inch at Britt, Lake Mills and Northwood to 4.07 inches at Burlington and 4.79 inches at Keosauqua. The statewide average precipitation was 0.69 inches or about two-thirds of the weekly normal of 1.06 inches.

### Crop Conditions as of June 5, 2011

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn .....	0	2	17	60	21
Soybeans .....	0	2	19	61	18
Oats .....	1	2	19	64	14
Hay, all .....	1	5	26	55	13
Range & Pasture .....	1	4	22	53	20



### Field Work and Crop Progress as of June 5, 2011

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn emerged .....	100	96	94	99	97	96	96	90	93	96	90	97	94
Soybeans planted .....	97	97	96	97	97	97	89	76	90	94	87	94	93
Soybeans emerged .....	83	77	75	85	82	82	66	56	79	78	52	79	74
Oats headed .....	5	5	7	5	11	9	15	10	14	9	3	26	15
Hay, alfalfa - first crop harvested .....	38	39	49	43	39	47	19	13	20	33	6	60	39

### Days Suitable & Soil Moisture Condition as of June 5, 2011

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)	(Days)	(Days)
Days suitable .....	4.0	5.2	5.4	4.9	4.7	4.1	3.8	2.9	1.6	4.3	2.1	4.1
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short .....	0	1	1	0	1	0	0	0	0	0	0	1
Short .....	1	6	10	8	9	1	2	0	0	5	0	6
Adequate .....	82	84	83	87	82	87	70	76	57	80	68	74
Surplus .....	17	9	6	5	8	12	28	24	43	15	32	19
Subsoil moisture												
Very short .....	0	1	0	0	0	0	0	0	0	0	0	0
Short .....	1	3	3	2	2	2	1	0	0	2	1	4
Adequate .....	81	84	90	84	76	87	72	72	65	80	72	77
Surplus .....	18	12	7	14	22	11	27	28	35	18	27	19

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, June 5, 2011,  
Prepared by AWIS, Inc.**

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	50	71	7	0.42	-0.47	8.29	1.51	149	47
Sioux Center .....	89	48	73	7	0.60	-0.39	7.49	0.89	162	38
Spencer .....	91	47	71	7	0.36	-0.50	7.33	0.43	151	44
Spirit Lake .....	89	48	71	8	0.43	-0.48	6.91	0.65	151	45
North Central District										
Britt .....	96	51	71	5	0.18	-0.77	9.40	2.11	145	36
Dakota City .....	96	52	71	6	0.28	-0.72	7.53	0.03	151	35
Mason City .....	97	49	72	8	0.09	-0.96	7.48	-0.31	155	49
Osage .....	94	51	70	6	0.20	-0.78	9.63	1.74	146	46
North East District										
Decorah .....	92	55	73	9	0.26	-0.70	8.06	0.13	165	58
Dubuque .....	89	50	71	8	0.41	-0.57	7.64	-1.04	150	46
Elkader .....	91	46	69	5	0.10	-0.81	7.35	-0.43	138	38
Fayette .....	93	52	70	6	0.18	-0.80	7.28	-0.89	143	47
Waterloo .....	93	50	73	8	0.33	-0.65	7.90	-0.18	163	49
West Central District										
Carroll .....	95	51	72	6	0.24	-0.87	7.19	-1.23	153	39
Castana .....	88	53	71	5	0.70	-0.36	8.86	1.19	148	24
Guthrie Center .....	94	48	73	7	0.32	-0.80	9.59	1.28	161	46
Harlan .....	94	51	73	7	0.69	-0.36	7.01	-1.17	162	50
Jefferson .....	97	51	73	7	0.13	-0.98	7.01	-1.41	161	47
Logan .....	93	50	73	6	0.64	-0.42	9.97	1.84	161	40
Rockwell City .....	94	50	71	5	0.23	-0.81	6.91	-0.70	148	34
Sac City .....	92	49	70	5	0.35	-0.72	7.01	-0.80	142	37
Sioux City .....	92	49	72	6	0.66	-0.25	11.23	4.57	157	38
Central District										
Boone .....	94	49	71	6	0.12	-1.10	9.33	0.67	151	39
Des Moines .....	93	55	76	9	0.55	-0.45	11.02	3.28	186	62
Grundy Center .....	93	52	72	8	0.65	-0.38	9.22	1.13	154	47
Marshalltown .....	94	50	74	9	0.32	-0.75	8.25	0.26	169	55
Newton .....	94	53	73	6	0.76	-0.29	9.78	1.56	160	35
Perry .....	95	51	73	7	0.56	-0.55	8.72	0.56	160	46
Toledo .....	91	52	70	6	0.29	-0.76	7.02	-1.38	142	37
East Central District										
Cedar Rapids .....	89	52	72	6	1.23	0.23	7.95	0.33	155	36
Davenport .....	92	54	74	7	1.32	0.35	9.05	1.42	171	41
Iowa City .....	91	53	74	6	1.72	0.74	8.93	0.50	165	30
Lowden .....	91	50	72	6	0.92	-0.14	9.09	0.39	153	39
Maquoketa .....	93	53	70	6	0.48	-0.55	7.57	-0.18	143	33
Muscatine .....	91	54	72	5	1.56	0.58	9.57	1.45	159	29
South West District										
Atlantic .....	93	48	73	7	0.51	-0.47	7.07	-0.51	158	39
Clarinda .....	93	51	73	6	0.31	-0.76	11.65	2.86	166	48
Glenwood .....	92	51	73	6	0.62	-0.54	9.49	0.99	164	36
Red Oak .....	92	53	74	6	0.56	-0.60	9.78	1.00	171	47
Sidney .....	91	56	74	6	0.36	-0.62	6.16	-1.92	169	38
South Central District										
Allerton .....	89	53	73	7	1.67	0.69	11.82	3.71	161	47
Beaconsfield .....	89	56	72	7	0.47	-0.51	11.43	3.47	158	46
Chariton .....	89	46	72	7	0.10	-0.95	9.87	1.55	157	50
Indianola .....	92	51	73	7	0.96	-0.08	12.30	3.83	161	51
Leon .....	89	49	73	7	0.52	-0.53	10.66	1.92	161	51
South East District										
Bloomfield .....	88	55	73	6	2.41	1.43	12.64	4.21	166	46
Burlington .....	90	54	75	8	4.07	3.16	12.30	4.37	177	46
Ottumwa .....	90	50	74	7	1.96	1.09	10.24	2.37	172	41
Washington .....	91	52	73	5	1.71	0.80	10.13	2.32	162	38

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 2011: AWIS, Inc. All Rights Reserved.