



# 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 May 16, 2011 Vol 11-11

For the week ending May 15, 2011

## WEEK OF CONTRASTS

Strong winds early in the week brought record high temperatures to much of Iowa but that was quickly followed by below average temperatures the latter part of the week. When the weather was dry, planting progressed rapidly; however, precipitation brought progress to a halt after mid-week. Although heavy rains and hail were received over parts of the State, the precipitation and warm early week temperatures promoted crop emergence.

There were 4.2 days suitable for fieldwork statewide during the past week. Southeast Iowa led the way with 5.0 days suitable while southwest Iowa had only 3.0 days suitable. Topsoil moisture levels rated 0 percent very short, 2 percent short, 80 percent adequate, and 18 percent surplus. Subsoil moisture rated 0 percent very short, 2 percent short, 83 percent adequate, and 15 percent surplus.

Ninety-two percent of Iowa's corn acreage has been planted, behind last year's 96 percent but ahead of the five-year average of 84 percent. West central, central and east central Iowa have 5 percent or less of their corn crop remaining to be planted. Thirty-three percent of the State's corn crop has emerged, well behind last year's 63 percent, and behind the average 42 percent. Soybean planting surged to 47 percent complete, behind last year's 52 percent but ahead of the average 38 percent. Farmers in the West Central, Central, East Central, and Southeast districts have planted over half of the soybean acreage. Oat planting is nearly complete and 92 percent of the oat acreage has emerged, slightly behind last year's 94 percent but remaining ahead of the five-year average of 80 percent. Oat condition rated 0 percent very poor, 2 percent poor, 23 percent fair, 63 percent good, and 12 percent excellent.

Pasture and range condition improved to 1 percent very poor, 5 percent poor, 31 percent fair, 48 percent good, and 15 percent excellent.

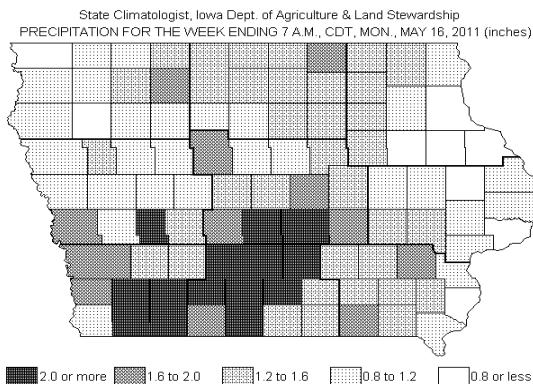
## Crop Conditions as of May 15, 2011

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Oats .....	0	2	23	63	12
Range & Pasture .....	1	5	31	48	15

Livestock conditions were good for the week, even with record high temperatures on Tuesday which then gave way to unseasonably cool weather.

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

Iowa endured a wide variety of weather this past week. Temperatures were far above seasonal normals on Monday (9<sup>th</sup>), Tuesday (10<sup>th</sup>) and Wednesday (11<sup>th</sup>) with official temperatures reaching as high as 98 degrees at Little Sioux on Monday and 100 degrees at Jefferson on Tuesday. This was the earliest occurrence of triple digit heat in Iowa since April 22, 1980. Much cooler air began to move into Iowa on Thursday and dominated all of the state over the weekend with daytime highs only in the upper 40's in some areas on Friday (13<sup>th</sup>) and Saturday (14<sup>th</sup>). A freeze was recorded at a few scattered locations on Monday (16<sup>th</sup>) morning with Elkader and Sheldon both reporting lows of 30 degrees. Temperatures for the week as whole averaged 4.7 degrees above normal. Rain fell across the northeast one-half of Iowa on Monday (9<sup>th</sup>) morning with dry weather prevailing statewide on Tuesday. However, rain fell statewide on Wednesday, Friday, Saturday and Sunday morning and spared only far eastern Iowa on Thursday. Heavy rain fell over parts of southwestern Iowa on Wednesday. Weekly rain totals varied from 0.22 inches at Guttenberg to 4.52 inches at Corning. The statewide average precipitation was 1.43 inches while normal for the week is 0.93 inches. Severe storms were reported from 11 northwest and south central Iowa counties on Wednesday with at least eight tornadoes reported, including two which struck the town of Lenox in Taylor County. More severe storms developed on Thursday with another 11 counties affected including numerous reports of very large hail in parts of Woodbury and Monona counties. Finally, soil temperatures as of Sunday were averaging in the low 50's statewide.



## Field Work and Crop Progress as of May 15, 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 planted .....	94	89	81	97	96	95	92	85	94	92	69	96	84
Corn emerged .....	22	15	19	43	46	33	32	54	55	33	1	63	42
Soybeans planted .....	41	34	34	51	62	56	45	36	59	47	10	52	38
Oats emerged .....	90	85	86	98	97	96	91	96	94	92	72	94	80

## Days Suitable & Soil Moisture Condition as of May 15, 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 .....	4.2	4.3	4.4	3.8	4.3	4.9	3.0	3.3	5.0	4.2	6.2	1.6
	(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	0
Short .....	1	1	5	3	3	2	1	0	0	2	6	0
Adequate .....	96	91	83	81	78	87	83	43	64	80	87	70
Surplus .....	3	8	12	16	19	11	16	57	36	18	7	30
Subsoil moisture												
Very short .....	0	0	0	0	0	0	0	0	0	0	0	0
Short .....	1	0	2	3	2	1	4	0	1	2	2	1
Adequate .....	88	90	87	89	82	85	78	68	70	83	85	71
Surplus .....	11	10	11	8	16	14	18	32	29	15	13	28

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.  
For the week ending: 8:00 am Sunday, May 15, 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 .....	96	42	60	4	1.55	0.85	2.60	-1.71	78	23
Sioux Center .....	94	40	64	6	1.06	0.34	4.03	0.09	106	29
Spencer .....	95	41	62	5	1.48	0.70	2.69	-1.67	92	31
Spirit Lake .....	91	41	59	3	1.07	0.42	3.19	-0.64	71	10
North Central District										
Britt .....	96	41	61	3	1.68	0.91	6.24	1.57	87	30
Humboldt .....	95	42	62	4	1.62	0.81	5.65	0.92	95	27
Mason City .....	94	43	62	6	1.41	0.51	5.04	0.22	91	32
Osage .....	92	38	62	4	1.67	0.83	6.24	1.16	84	29
North East District										
Decorah .....	90	43	65	7	1.15	0.31	5.29	0.08	105	42
Dubuque .....	90	47	65	8	0.51	-0.47	5.84	0.10	105	46
Elkader .....	90	39	61	4	0.59	-0.29	5.29	0.24	82	23
Fayette .....	90	43	62	5	1.09	0.18	4.63	-0.62	90	40
Waterloo .....	93	44	65	6	0.99	0.08	5.02	-0.19	106	41
West Central District										
Carroll .....	97	41	64	6	1.12	0.18	3.71	-1.56	109	44
Castana .....	94	41	64	5	0.60	-0.31	3.97	-0.62	107	30
Guthrie Center .....	98	43	65	7	1.65	0.74	5.90	0.73	112	46
Harlan .....	97	42	66	6	0.92	-0.04	4.22	-0.86	115	52
Jefferson .....	100	42	65	7	1.05	0.11	4.41	-0.86	111	45
Logan .....	94	43	66	6	2.28	1.28	5.90	0.93	115	44
Rockwell City .....	98	42	64	5	1.00	0.10	4.26	-0.39	106	43
Sac City .....	94	40	63	6	0.90	-0.01	3.74	-0.98	104	46
Sioux City .....	96	43	66	7	0.75	-0.06	5.18	1.19	120	48
Central District										
Boone .....	97	42	64	5	1.51	0.56	6.09	0.77	105	39
Des Moines .....	95	46	68	8	2.66	1.89	7.70	2.69	129	52
Grundy Center .....	93	43	64	7	1.43	0.52	5.65	0.54	102	44
Marshalltown .....	94	44	66	8	1.76	0.90	5.03	0.01	114	49
Newton .....	94	43	65	6	2.16	1.24	5.43	0.25	110	33
Perry .....	96	43	65	7	1.48	0.57	5.31	0.28	111	46
Toledo .....	92	44	63	7	0.94	-0.04	4.51	-0.77	99	41
East Central District										
Cedar Rapids .....	91	45	66	7	0.84	0.04	4.55	-0.32	116	44
Davenport .....	94	47	69	9	0.75	-0.05	4.14	-0.79	135	58
Iowa City .....	92	48	68	7	1.50	0.60	4.61	-1.02	124	38
Lowden .....	92	46	66	8	1.14	0.23	5.86	0.16	113	49
Maquoketa .....	92	46	65	8	0.86	0.03	5.06	0.14	106	45
Muscatine .....	92	47	67	7	1.03	0.17	5.29	-0.03	120	38
South West District										
Atlantic .....	97	43	66	7	1.60	0.76	4.60	-0.18	114	44
Clarinda .....	97	44	67	7	2.34	1.29	7.02	1.47	123	55
Glenwood .....	96	43	65	5	2.27	1.22	6.79	1.70	113	36
Red Oak .....	98	44	66	5	3.06	2.08	7.20	1.70	117	42
Sidney .....	95	44	65	4	0.80	-0.15	4.09	-1.05	114	35
South Central District										
Allerton .....	92	44	65	6	0.92	0.01	5.64	0.40	109	40
Beaconsfield .....	94	45	66	7	1.85	0.97	6.94	1.81	115	50
Chariton .....	91	44	66	7	2.35	1.46	5.56	0.17	113	52
Indianola .....	97	44	66	7	2.93	2.02	6.84	1.31	118	55
Leon .....	92	45	66	7	1.22	0.24	5.64	0.03	114	50
South East District										
Bloomfield .....	89	47	66	5	1.63	0.69	6.53	1.04	114	41
Burlington .....	92	48	69	8	0.71	-0.13	4.51	-0.78	134	50
Ottumwa .....	92	47	68	7	1.13	0.22	4.75	-0.43	126	44
Washington .....	91	47	67	6	2.19	1.29	5.31	0.23	120	44

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.