



# 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

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For the week ending May 22, 2011

## PLANTING PROGRESS SURPASSES 2010

In spite of part of the State having less than 3 days suitable for fieldwork, corn and soybean planting progress managed to meet or surpass the quick pace of 2010. Farmers would appreciate some dry, warm weather to help speed emergence, although good stands are reported where crops have emerged. Most of the week's rain was not heavy; however, areas in central, east central, and southwest Iowa reported receiving hail during the week and tornadoes were reported in six Iowa counties on Sunday.

There were 4.2 days suitable for fieldwork statewide during the past week. East central Iowa led the way with 5.4 days suitable while south central Iowa had only 2.1 days suitable. Topsoil moisture levels rated 0 percent very short, 1 percent short, 79 percent adequate, and 20 percent surplus. Subsoil moisture rated 0 percent very short, 1 percent short, 81 percent adequate, and 18 percent surplus.

Ninety-eight percent of Iowa's corn acreage has been planted, equal to last year but ahead of the five-year average of 94 percent. Only south central Iowa has more than 5 percent of their corn crop remaining to be planted. Seventy-four percent of the State's corn crop has emerged, behind last year's 81 percent, but ahead of the average 67 percent. Soybean planting is 78 percent complete, ahead of last year's 72 percent and the normal pace of 68 percent. South Central is the only district with over half their soybean acreage remaining to be planted. Twenty-one percent of the State's soybean crop has emerged, behind last year's 25 percent but slightly ahead of the five-year average of 19 percent. A few scattered fields of oats remain to be planted and 98 percent of the oat acreage has emerged. Oat condition rated 0 percent very poor, 2 percent poor, 18 percent fair, 66 percent good, and 14 percent excellent.

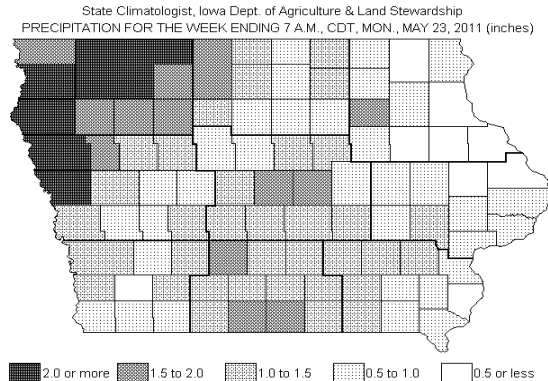
Pasture and range condition improved to 1 percent very poor, 6 percent poor, 26 percent fair, 50 percent good, and 17 percent excellent. In spite of additional rain across the State, no reports of excessively muddy feedlots were received and livestock conditions remain favorable.

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

The past reporting week began with cool and dry weather with high temperatures mostly in the 60's on Monday (16<sup>th</sup>), Tuesday (17<sup>th</sup>) and Wednesday (18<sup>th</sup>). A light freeze was recorded at a few scattered eastern Iowa locations on Monday (16<sup>th</sup>) morning. Showers and thunderstorms were widespread from Thursday (19<sup>th</sup>) evening through Saturday (21<sup>st</sup>) morning. There was a brief break in the rain Saturday before storms redeveloped Saturday evening and continued into Sunday morning. A few of the Saturday evening storms brought high winds and large hail to parts of western and southwestern Iowa. Strong thunderstorms developed over portions of eastern Iowa on Sunday afternoon and evening with severe storms reported in 18 counties. Rain totals of one to two inches were common for the week over the western two-thirds of the state while totals were much lower over parts of far eastern Iowa. Weekly totals varied from only 0.14 inches at Cascade to 3.45 inches at Estherville. The statewide average precipitation was 1.16 inches or a little more than the weekly normal of 0.97 inches. Meanwhile, temperatures climbed above normal over the weekend with highs climbing into the 80's over much of southern and eastern Iowa. Temperature extremes for the week ranged from Monday (16<sup>th</sup>) morning lows of 30 degrees at Lowden and Manchester to Sunday (22<sup>nd</sup>) afternoon highs of 86 degrees at Burlington and Keosauqua. Temperatures for the week as a whole averaged 1.2 degrees below normal. Soil temperatures as of Sunday were averaging in the lower 60's statewide.

## Crop Conditions as of May 22, 2011

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Oats .....	0	2	18	66	14
Range & Pasture .....	1	6	26	50	17



## Field Work and Crop Progress as of May 22, 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 .....	99	97	97	99	99	99	97	93	97	98	92	98	94
Corn emerged .....	72	66	63	78	81	79	76	75	74	74	33	81	67
Soybeans planted .....	82	75	75	82	84	84	72	48	81	78	47	72	68
Soybeans emerged .....	11	14	13	24	28	24	24	21	32	21	3	25	19
Oats emerged .....	95	94	97	99	99	99	97	99	97	98	92	97	91

## Days Suitable & Soil Moisture Condition as of May 22, 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	4.6	5.0	3.5	4.3	5.4	3.3	2.1	4.4	4.2	4.2	3.6
	(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 .....	0	1	5	2	1	2	0	0	0	1	2	3
Adequate .....	83	93	85	81	75	88	77	33	80	79	80	77
Surplus .....	17	6	10	17	24	10	23	67	20	20	18	20
Subsoil moisture												
Very short .....	0	0	0	0	0	0	0	0	0	0	0	0
Short .....	0	1	2	2	1	3	2	0	0	1	2	2
Adequate .....	80	90	86	86	78	86	77	63	76	81	83	76
Surplus .....	20	9	12	12	21	11	21	37	24	18	15	22

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.  
For the week ending: 8:00 am Sunday, May 22, 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 .....	77	35	58	-2	3.40	2.64	6.00	0.93	61	-9
Sioux Center .....	77	35	60	-3	1.78	0.99	5.81	1.08	69	-24
Spencer .....	77	35	58	-3	2.42	1.58	5.11	-0.09	59	-18
Spirit Lake .....	76	40	61	2	2.16	1.44	5.34	0.79	75	0
North Central District										
Britt .....	75	36	58	-4	1.13	0.32	7.37	1.89	58	-15
Dakota City .....	76	36	58	-5	1.23	0.38	5.71	0.13	57	-27
Mason City .....	76	32	59	-2	0.64	-0.30	5.68	-0.08	64	-10
Osage .....	76	37	59	-2	0.70	-0.21	6.94	0.95	63	-7
North East District										
Decorah .....	76	33	58	-4	0.39	-0.46	5.68	-0.38	58	-19
Dubuque .....	79	34	58	-3	0.16	-0.82	6.00	-0.72	59	-14
Elkader .....	77	30	57	-4	0.26	-0.65	5.55	-0.41	55	-17
Fayette .....	77	35	59	-3	0.75	-0.21	5.38	-0.83	62	-2
Waterloo .....	78	35	60	-3	0.70	-0.21	5.72	-0.40	69	-11
West Central District										
Carroll .....	77	36	57	-5	0.99	0.00	4.70	-1.56	47	-35
Castana .....	75	38	58	-5	2.27	1.29	6.24	0.67	54	-38
Guthrie Center .....	77	34	56	-6	1.37	0.39	7.27	1.12	46	-36
Harlan .....	78	37	58	-5	0.97	-0.03	5.19	-0.89	60	-19
Jefferson .....	78	36	58	-4	1.05	0.06	5.46	-0.80	56	-26
Logan .....	77	37	59	-5	1.50	0.45	7.40	1.38	63	-23
Rockwell City .....	77	37	57	-6	1.17	0.23	5.43	-0.16	54	-25
Sac City .....	76	36	57	-5	1.44	0.46	5.18	-0.52	50	-23
Sioux City .....	77	34	59	-4	2.02	1.17	7.20	2.36	65	-21
Central District										
Boone .....	76	36	58	-5	1.45	0.43	7.54	1.20	55	-26
Des Moines .....	77	43	61	-3	1.06	0.22	8.76	2.91	82	-9
Grundy Center .....	76	36	59	-2	1.14	0.17	6.79	0.71	62	-12
Marshalltown .....	75	36	60	-2	1.42	0.51	6.45	0.52	71	-8
Newton .....	77	40	58	-5	1.42	0.44	6.85	0.69	59	-34
Perry .....	78	37	58	-4	1.27	0.29	6.58	0.57	56	-26
Toledo .....	76	36	58	-4	0.81	-0.21	5.32	-0.98	56	-17
East Central District										
Cedar Rapids .....	79	36	60	-3	0.59	-0.25	5.14	-0.57	68	-18
Davenport .....	83	34	60	-3	0.02	-0.82	4.16	-1.61	75	-19
Iowa City .....	80	35	61	-4	0.63	-0.28	5.24	-1.30	77	-26
Lowden .....	82	30	58	-5	0.14	-0.81	6.00	-0.65	61	-18
Maquoketa .....	82	33	57	-4	0.07	-0.79	5.13	-0.65	57	-18
Muscatine .....	80	37	58	-5	0.47	-0.44	5.76	-0.47	61	-37
South West District										
Atlantic .....	77	35	57	-5	0.58	-0.33	5.18	-0.51	53	-32
Clarinda .....	78	36	58	-5	0.94	-0.11	8.16	1.56	59	-25
Glenwood .....	78	36	58	-6	0.92	-0.20	7.71	1.50	57	-36
Red Oak .....	78	38	59	-6	0.56	-0.47	7.76	1.23	64	-27
Sidney .....	77	41	59	-6	0.91	-0.07	5.00	-1.12	67	-29
South Central District										
Allerton .....	75	40	57	-6	2.26	1.35	7.90	1.75	50	-34
Beaconsfield .....	78	37	58	-5	1.59	0.68	8.53	2.49	57	-24
Chariton .....	75	31	55	-8	1.44	0.53	7.00	0.70	46	-30
Indianola .....	77	37	58	-5	1.91	0.99	8.75	2.30	55	-23
Leon .....	76	33	56	-7	1.99	0.96	7.63	0.99	50	-28
South East District										
Bloomfield .....	77	36	57	-7	1.06	0.08	7.59	1.12	55	-34
Burlington .....	80	36	60	-4	0.22	-0.62	4.73	-1.40	74	-24
Ottumwa .....	77	35	59	-5	1.21	0.30	5.96	-0.13	68	-30
Washington .....	80	34	59	-6	1.03	0.12	6.34	0.35	64	-27

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.  
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