



Crops & Weather

National Agricultural Statistics Service
Iowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending April 10, 2011

EXCITING WEATHER

Weather conditions were a little more exciting than most would like in western and northwest Iowa Saturday night with numerous tornadoes causing damage. Hail was also reported in those areas of the State. The week's most common field activities were application of anhydrous and tiling.

There were 3.6 days suitable for fieldwork during the past week. Topsoil moisture levels rated 1 percent very short, 5 percent short, 82 percent adequate, and 12 percent surplus. Subsoil moisture rated 0 percent very short, 4 percent short, 84 percent adequate, and 12 percent surplus.

Scattered corn fields have been planted although many operators don't expect to get serious about corn planting until the end of this week as additional time is needed to dry out and warm soils. Oat acreage planted was 38 percent complete, behind last year's 51 percent but ahead of the five-year average of 23 percent. Two percent of the oat acreage has emerged, just 1 percentage point behind last year but 1 percentage point ahead of normal.

Pasture and range condition rated 3 percent very poor, 13 percent poor, 43 percent fair, 36 percent good, and 5 percent excellent. In general, there has been very little stress on livestock with good conditions for newborns, in fact, higher than normal births of twin calves were reported in more than one locale. Unfortunately, the tornadoes in northwest Iowa resulted in some livestock losses.

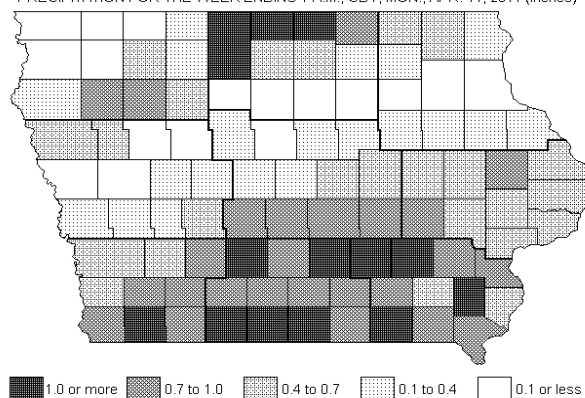
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

Iowa experienced another week of very changeable weather. The past reporting week began with sprinkles and/or snow flurries over the north one-third of Iowa on Monday (4th) with daytime highs in the upper 40s north to lower 50s south. Temperatures dipped below freezing statewide on Tuesday (5th) morning but warmed to the mid 50s northeast to low 70s west by afternoon. Wednesday (6th) saw highs mostly in the 60s with some light rain early in the morning over the far north. Thursday (7th) and Friday (8th) saw widespread cloudiness over the south where highs were only in the low to mid 50's while sunshine pushed highs to the low to mid 60s over the north. Rain was widespread over the southeast one-half of Iowa on Thursday into Thursday night with a few areas recording more than an inch. Very windy conditions dominated the weekend. A strong air flow from the south pushed highs into the 80's over southwestern Iowa on Saturday and over the southeast two-thirds of the state on Sunday. Severe thunderstorms developed across northwest Iowa on Saturday evening producing at least ten tornadoes from northeastern Monona County to southern Kossuth County. The Saturday evening storm system brought rain to about the northwest one-third of Iowa with a few small areas recording more than an inch. Finally, a few thunderstorms developed over the far northeast and southeast corners of Iowa on Sunday. Temperature extremes varied from a Tuesday (5th) morning low of 19 degrees at Atlantic to a Sunday (10th) afternoon high of 90 degrees at Des Moines. Temperatures for the week as a whole averaged 6.5 degrees above normal. Precipitation totals varied from only a trace at Hampton and Fayette (which were just north of Thursday's rain area and just south of Saturday's thunderstorms) to 3.16 inches reported near Algona. The statewide average precipitation was 0.55 inches while normal for the week is 0.73 inches. Soil temperatures as of Sunday were averaging in the low 50's northwest to upper 50's southwest.

Crop Conditions as of April 10, 2011

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Range & Pasture	3	13	43	36	5

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., APR. 11, 2011 (inches)



Field Work and Crop Progress as of April 10, 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)	(Percent)
Oats planted	10	21	31	46	43	41	27	54	51	38	6	51	23	

Days Suitable & Soil Moisture Condition as of April 10, 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)
Days suitable	1.8	2.7	4.1	4.7	4.4	3.5	3.6	3.8	3.7	3.6	2.0	3.7	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short	0	0	0	0	1	0	3	0	0	1	1	0	
Short	1	6	4	8	7	2	12	0	2	5	4	3	
Adequate	85	82	79	84	78	90	77	81	86	82	80	76	
Surplus	14	12	17	8	14	8	8	19	12	12	15	21	
Subsoil moisture													
Very short	0	0	0	0	0	0	1	1	0	0	0	0	
Short	1	5	6	5	5	2	10	1	2	4	3	1	
Adequate	86	81	75	90	79	88	82	86	83	84	81	73	
Surplus	13	14	19	5	16	10	7	12	15	12	16	26	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 8:00 am Sunday, April 10, 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	71	28	50	10	0.01	-0.61	0.05	-0.81	21	21
Sioux Center	68	25	50	6	0.04	-0.52	0.14	-0.64	16	11
Spencer	75	24	51	9	0.07	-0.50	0.16	-0.65	27	27
Spirit Lake	68	32	49	9	0.31	-0.25	0.31	-0.46	20	20
North Central District										
Britt	71	26	48	6	0.94	0.29	1.09	0.19	14	14
Humboldt	75	26	49	5	0.66	0.00	0.77	-0.16	18	18
Mason City	74	25	51	9	0.58	-0.05	0.70	-0.18	29	29
Osage	74	26	48	6	0.88	0.17	1.00	0.01	16	16
North East District										
Decorah	84	26	53	9	0.32	-0.42	0.35	-0.68	34	34
Dubuque	75	28	50	7	0.51	-0.33	0.55	-0.63	21	21
Elkader	74	22	46	3	0.07	-0.62	0.08	-0.88	16	16
Fayette	74	23	47	4	0.02	-0.68	0.02	-0.95	14	14
Waterloo	78	26	52	8	0.16	-0.55	0.16	-0.84	31	31
West Central District										
Carroll	80	25	50	7	0.13	-0.57	0.16	-0.83	23	23
Castana	84	30	51	5	0.01	-0.57	0.04	-0.78	21	6
Guthrie Center	82	24	51	6	0.60	-0.10	0.60	-0.40	25	23
Harlan	85	27	52	5	0.30	-0.35	0.35	-0.57	29	29
Jefferson	80	26	50	6	0.19	-0.51	0.22	-0.77	21	21
Logan	85	24	51	5	0.23	-0.38	0.23	-0.62	26	18
Rockwell City	77	28	50	5	0.08	-0.51	0.18	-0.65	20	20
Sac City	76	26	49	6	0.10	-0.53	0.35	-0.55	15	15
Sioux City	82	23	53	7	0.22	-0.27	0.36	-0.34	35	31
Central District										
Boone	79	25	50	6	0.37	-0.34	0.38	-0.63	19	17
Des Moines	87	29	58	11	1.24	0.48	1.25	0.19	63	50
Grundy Center	79	26	49	6	0.32	-0.37	0.32	-0.64	18	18
Marshalltown	82	23	54	10	0.41	-0.29	0.41	-0.59	41	41
Newton	84	29	52	6	0.71	0.01	0.71	-0.26	26	22
Perry	81	26	51	7	0.55	-0.12	0.56	-0.38	24	24
Toledo	80	26	49	6	0.43	-0.27	0.43	-0.54	18	18
East Central District										
Cedar Rapids	80	25	52	8	0.83	0.13	0.83	-0.17	33	31
Davenport	82	30	54	8	1.01	0.27	1.01	-0.03	37	24
Iowa City	82	27	54	7	0.90	0.09	0.90	-0.24	44	26
Lowden	81	26	48	4	1.25	0.42	1.25	0.09	19	19
Maquoketa	76	26	48	4	0.80	0.09	0.83	-0.18	15	15
Muscatine	83	28	51	4	1.23	0.46	1.23	0.13	29	12
South West District										
Atlantic	83	25	53	8	0.45	-0.20	0.47	-0.45	31	25
Clarinda	86	24	55	9	1.20	0.49	1.21	0.20	46	40
Glenwood	86	28	52	5	0.69	0.09	0.69	-0.15	28	11
Red Oak	85	26	54	6	0.88	0.13	0.89	-0.16	42	34
Sidney	85	35	54	7	0.79	0.10	0.79	-0.17	39	23
South Central District										
Allerton	86	27	52	6	1.05	0.33	1.05	0.03	31	23
Beaconsfield	87	27	52	7	1.62	0.91	1.62	0.61	29	27
Chariton	86	26	52	6	1.08	0.30	1.08	-0.01	35	35
Indianola	87	25	52	5	1.04	0.27	1.04	-0.03	29	27
Leon	88	24	53	8	1.13	0.38	1.13	0.08	37	33
South East District										
Bloomfield	83	30	53	4	1.20	0.43	1.20	0.11	30	20
Burlington	85	31	56	8	0.75	-0.02	0.75	-0.35	52	32
Ottumwa	86	25	55	8	0.91	0.21	0.91	-0.09	51	33
Washington	83	27	51	2	0.93	0.23	0.93	-0.07	28	11

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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