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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending August 18, 2013

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Drier and cooler than average weather persisted across most of Iowa during the week ending August 18, 2013, according to the USDA, National Agricultural Statistics Service. Although varying amounts of moisture were received in central and western portions of the State, the lack of significant precipitation was a growing concern for Iowa farmers. Statewide there was an average of 6.4 days suitable for fieldwork. Southwest Iowa received the most rainfall during the week, and had the least days suitable for fieldwork with 5.8.

A total of 35 percent of topsoil and 41 percent of subsoil was in the adequate and surplus moisture categories, both declining 6 percentage points from last week. Topsoil moisture levels rated 25 percent very short, 40 percent short, 34 percent adequate and 1 percent surplus. Subsoil moisture levels rated 19 percent very short, 40 percent short, 40 percent adequate and 1 percent surplus.

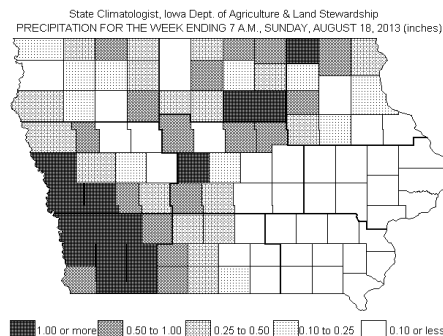
With nearly all the corn crop tasseled, 93 percent was silking, behind the five-year average of 99 percent. Sixty-two percent of the corn crop reached the milk stage, trailing the normal 87 percent. Twenty-four percent of the crop has reached the dough stage, well behind the normal 60 percent. Some of the very earliest planted corn crop has reached the dent stage. Corn condition declined slightly from the previous week, and was rated at 5 percent very poor, 13 percent poor, 34 percent fair, 40 percent good and 8 percent excellent. With 95 percent of the soybean crop blooming, pods were being set on 71 percent of the soybean crop, well behind last year's 94 percent and the normal 89 percent. Soybean condition declined slightly from last week and was rated 5 percent very poor, 12 percent poor, 36 percent fair, 38 percent good and 9 percent excellent. Oat harvest was wrapping up across the state.

The third cutting of alfalfa has reached 36 percent compete, 9 days behind the normal pace. Both hay and pasture conditions continued to

deteriorate, and the amount rated in the good and excellent categories fell 4 and 3 percentage points, respectively. Hay condition was rated at 5 percent very poor, 13 percent poor, 36 percent fair, 40 percent good and 6 percent excellent. Pasture condition rated 10 percent very poor, 22 percent poor, 40 percent fair, 25 percent good and 3 percent excellent.

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

Unseasonably cool weather prevailed for another week while most of the state is still waiting for a substantial rain. Temperatures averaged below normal every day this week, as they have for all but one day in the past four weeks. Temperatures approached normal on Sunday (11<sup>th</sup>) and Monday (12<sup>th</sup>) with highs mostly in the 80's but were well below normal from Tuesday (13<sup>th</sup>) through Thursday (15<sup>th</sup>) when daytime highs were mostly in the 70's. Temperature extremes for the week ranged from Sunday (11<sup>th</sup>) afternoon highs of 88 degrees at Bloomfield, Centerville, Des Moines, Donnellson and Osceola, as well as at Red Oak on Monday to Wednesday morning lows of 42 degrees at Elkader and Belle Plaine. Temperatures for the week as a whole averaged 5.9 degrees below normal. Thunderstorms brought very welcome rain to parts of north central and central Iowa on Sunday (11<sup>th</sup>) night with a maximum reported amount of 2.27 inches at Boone. Rain was also widespread across the southwest one-third of the state on Wednesday night with Underwood (Pottawattamie Co.) reporting the most with 3.85 inches. However, parts of the state, particularly the far southeast, received no rain for the week. The statewide average precipitation was 0.44 inches while normal for the week is 0.98 inches. This was the sixth week of the past seven to bring less than normal rainfall.



### Crop Conditions as of August 18, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn .....	5	13	34	40	8
Soybeans .....	5	12	36	38	9
Hay, all .....	5	13	36	40	6
Pasture & Range .....	10	22	40	25	3

### Field Work and Crop Progress as of August 18, 2013

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)	(Percent)
Corn tasseled .....	100	98	97	100	98	99	99	98	97	99	94	100	100		
Corn silked .....	93	89	93	97	93	96	96	91	90	93	85	100	99		
Corn in or past milk stage .....	52	59	53	71	63	69	73	68	64	62	42	97	87		
Corn in or past dough stage .....	19	12	19	34	24	33	22	36	32	24	9	89	60		
Soybeans bloomed .....	99	94	95	98	95	94	94	89	93	95	90	100	98		
Soybeans setting pods .....	73	66	72	79	64	75	72	67	67	71	53	94	89		
Oats harvested for grain .....	99	94	97	100	98	100	99	100	99	98	92	100	97		
Hay, alfalfa - 2nd cutting .....	100	97	98	100	99	100	99	92	99	98	93	100	95		
Hay, alfalfa - 3rd cutting .....	40	34	41	34	31	40	28	26	51	36	17	92	51		

### Days Suitable & Soil Moisture Condition as of August 18, 2013

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 .....	6.7	6.1	6.6	6.1	6.6	6.8	5.8	6.5	6.9	6.4	6.2	6.2	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short .....	9	5	8	39	41	17	43	47	33	25	24	60	
Short .....	40	26	36	42	42	47	46	36	45	40	35	31	
Adequate .....	50	66	55	19	17	36	11	17	21	34	40	9	
Surplus .....	1	3	1	0	0	0	0	0	1	1	1	0	
Subsoil moisture													
Very short .....	12	6	3	31	21	12	36	36	22	19	14	70	
Short .....	39	25	33	49	48	41	43	39	44	40	39	26	
Adequate .....	49	66	61	20	29	47	21	25	34	40	46	4	
Surplus .....	0	3	3	0	2	0	0	0	0	1	1	0	

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.**  
**For the week ending: 7:00 am Sunday, August 18, 2013, Prepared by AWIS, Inc.**

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
North West District										
Estherville .....	78	47	62	-8	0.42	-0.42	14.76	-1.01	1,834	-57
Sioux Center .....	78	49	65	-8	0.08	-0.68	22.76	7.05	2,058	-207
Spencer .....	82	46	64	-8	0.27	-0.64	18.42	1.82	1,945	-82
Spirit Lake .....	79	52	65	-5	0.00	-0.84	12.90	-2.78	1,921	-73
North Central District										
Britt .....	78	48	65	-7	0.22	-0.55	23.26	5.81	1,824	-118
Dakota City .....	81	43	64	-7	0.34	-0.50	22.40	4.49	1,962	-141
Mason City .....	80	46	63	-9	0.10	-0.81	26.10	7.91	1,861	-122
Osage .....	79	50	64	-7	0.88	-0.13	32.96	14.56	1,783	-114
North East District										
Decorah .....	81	47	65	-7	0.79	-0.12	33.77	15.96	1,932	-89
Dubuque .....	80	47	65	-6	0.00	-1.05	23.21	4.47	1,905	-75
Elkader .....	80	42	63	-9	0.00	-0.98	29.95	12.19	1,670	-277
Fayette .....	82	46	64	-7	0.03	-0.95	28.47	9.79	1,823	14
Waterloo .....	81	47	66	-6	0.37	-0.43	28.51	9.64	2,046	-80
West Central District										
Carroll .....	84	49	66	-6	0.20	-0.64	18.58	-0.56	2,012	-149
Castana .....	82	52	66	-8	0.61	-0.19	19.43	2.78	1,965	-389
Guthrie Center .....	86	47	65	-8	0.56	-0.42	25.01	6.63	2,023	-186
Harlan .....	86	53	66	-7	1.20	0.43	23.62	6.07	2,007	-121
Jefferson .....	84	49	65	-7	0.02	-0.82	21.71	2.57	1,967	-209
Logan .....	86	51	67	-7	3.27	2.50	18.36	1.05	2,101	-205
Rockwell City .....	84	52	67	-6	0.00	-0.84	21.88	3.88	1,957	-163
Sac City .....	83	49	65	-7	0.05	-0.79	18.18	0.61	1,855	-162
Sioux City .....	84	51	67	-7	0.27	-0.36	15.23	0.55	2,113	-134
Central District										
Boone .....	84	51	66	-6	2.27	1.36	23.22	4.06	1,977	-172
Des Moines .....	88	57	71	-5	0.73	-0.25	19.08	1.40	2,488	99
Grundy Center .....	80	48	65	-6	0.59	-0.25	28.35	9.77	1,933	-79
Marshalltown .....	82	45	66	-6	0.02	-1.03	28.92	9.95	2,077	-55
Newton .....	86	50	67	-6	0.10	-0.74	22.33	4.36	2,065	-283
Perry .....	86	50	66	-6	1.11	0.20	22.97	4.79	2,062	-80
Toledo .....	83	44	64	-8	0.05	-1.00	27.43	8.13	1,876	-139
East Central District										
Cedar Rapids .....	82	46	66	-6	0.00	-0.91	25.06	7.21	2,098	-123
Davenport .....	82	47	66	-8	0.00	-0.98	22.50	4.83	2,193	-248
Iowa City .....	84	50	68	-6	0.00	-0.98	23.33	3.56	2,266	-272
Lowden .....	82	45	64	-8	0.00	-1.05	31.24	11.49	2,030	-51
Maquoketa .....	82	46	65	-7	0.00	-0.98	19.25	1.55	1,893	-157
Muscatine .....	83	50	67	-8	0.00	-0.87	23.35	4.83	2,193	-244
South West District										
Atlantic .....	86	46	65	-7	1.10	0.33	18.08	1.27	1,993	-242
Clarinda .....	85	51	67	-6	1.09	0.11	19.33	-0.81	2,142	-93
Glenwood .....	87	52	68	-6	1.36	0.51	19.03	0.64	2,129	-301
Red Oak .....	88	53	68	-7	0.99	0.04	20.56	0.70	2,224	-106
Sidney .....	86	56	68	-7	1.00	0.03	17.98	-0.92	2,251	-206
South Central District										
Allerton .....	86	53	67	-7	0.16	-0.75	24.83	6.11	2,048	-202
Beaconsfield .....	85	54	67	-7	0.46	-0.43	21.50	3.26	2,019	-191
Chariton .....	82	45	64	-9	0.05	-0.82	24.74	5.66	1,961	-186
Indianola .....	85	49	66	-7	0.79	-0.05	21.62	3.23	2,110	-20
Lamoni .....	86	52	68	-7	0.28	-0.77	20.41	1.40	2,280	-57
South East District										
Bloomfield .....	88	50	68	-6	0.00	-0.99	22.62	3.67	2,297	-32
Burlington .....	84	48	67	-7	0.00	-0.84	20.79	3.00	2,376	-110
Ottumwa .....	84	47	66	-8	0.00	-0.84	23.19	5.48	2,219	-271
Washington .....	85	47	67	-8	0.00	-0.81	21.48	4.08	2,152	-226

<sup>0</sup> 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 2013: AWIS, Inc. All Rights Reserved.