



# Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

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For the week ending August 17, 2014  
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Below average precipitation across much of Iowa caused a drop in soil moisture, especially in the northeastern part of the State during the week ending August 17, 2014, according to the USDA, National Agricultural Statistics Service. Statewide there were 5.6 days suitable for field work during the week. Activities for the week included aerial spraying and hay baling.

**Topsoil moisture** levels rated 8 percent very short, 23 percent short, 67 percent adequate, and 2 percent surplus. **Subsoil moisture** levels rated 6 percent very short, 22 percent short, 71 percent adequate, and 1 percent surplus. Northeast Iowa was the driest with over 60 percent of topsoil in very short to short condition.

Three-quarters of Iowa's **corn** crop was in the dough stage or beyond, 16 days ahead of last year and 8 days ahead of the five-year average. Sixteen percent of the corn crop was in the dent stage, 10 days ahead of the previous year but 4 days behind normal. Three-quarters of the corn acreage was reported in good to excellent condition. Eighty-eight percent of the **soybean** crop was setting pods or beyond, 20 percentage points above last year and 2 points above average. Soybean condition was 73 percent good to excellent. **Oat** harvest for grain was 97 percent complete, equal to the previous year but slightly behind normal.

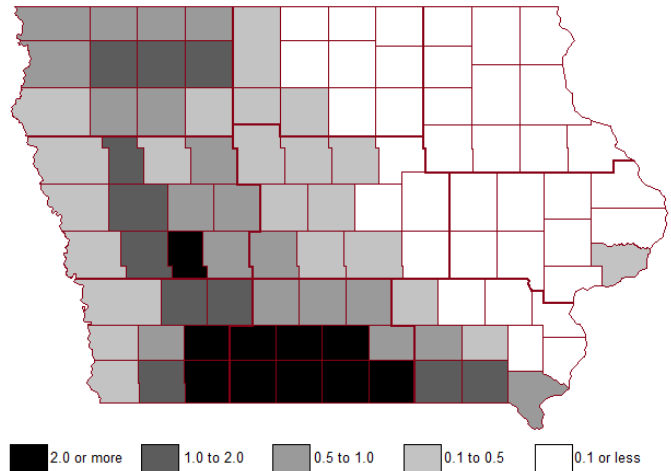
The second cutting of **alfalfa hay** was 95 percent complete, 2 percentage points below last year and 1 point below the five-year average. The third cutting of alfalfa hay advanced to 36 percent complete, 1 day ahead of the previous year but just over one week behind the normal pace. Sixty-five percent of all hay was rated in good to excellent condition. Pasture condition continued to deteriorate and

was rated 54 percent good to excellent. Stress on livestock was minimal with some areas reporting higher insect populations.

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

It was another unseasonably cool week across Iowa with temperatures below normal in most areas throughout the week. Temperature extremes varied from a Wednesday (13<sup>th</sup>) morning low of 47 degrees at Stanley (Buchanan Co.) to a Saturday (16<sup>th</sup>) afternoon high of 86 degrees at Rock Rapids. Temperatures for the week as a whole averaged from two to three degrees below normal over the northwest to five to six degrees subnormal over the southeast. The statewide average temperature was 3.6 degrees below normal. Little, if any, rain fell across the northeast one-third of Iowa this past week where some locations have not had a substantial rain event since late June. Meanwhile, very localized heavy rains fell over parts of the southwest one-half of Iowa on Sunday (10<sup>th</sup>). However, the bulk of this week's rain fell on Friday (15<sup>th</sup>) over southwest and south central Iowa where Murray (Clarke Co.) reported 5.03 inches. The statewide average precipitation was 0.69 inches while normal for the week is 0.98 inches.

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
PRECIPITATION FOR THE WEEK ENDING 7 A.M., SUNDAY, AUGUST 17, 2014 (inches)



### Crop Conditions as of August 17, 2014

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Hay, all.....	1	7	27	49	16
Pasture & Range.....	4	11	31	46	8
Corn.....	2	5	18	51	24
Soybeans.....	2	5	20	51	22

### Field Work and Crop Progress as of August 17, 2014

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 harvested for grain.....	98	96	97	98	98	99	97	97	96	97	97	87	97	98
Corn in or past dough stage.....	76	75	66	79	83	83	66	74	68	75	55	22	55	
Corn in or past dent stage.....	10	9	10	21	24	24	14	15	22	16	7	2	25	
Soybeans setting pods.....	93	92	91	97	93	78	72	80	85	88	79	68	86	
Alfalfa Hay, second cutting.....	100	99	100	99	98	100	96	86	96	95	93	97	96	
Alfalfa Hay, third cutting.....	49	25	56	30	34	54	22	14	46	36	22	33	51	

### Days Suitable & Soil Moisture Conditions as of August 17, 2014

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.....	4.9	6.4	6.8	4.6	5.5	6.7	4.7	4.9	6.1	5.6	4.6	6.4	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short.....	2	14	23	2	2	22	4	2	2	8	3	25	
Short.....	22	26	40	9	19	30	24	20	25	23	23	39	
Adequate.....	70	60	37	84	77	48	70	77	68	67	71	35	
Surplus.....	6	0	0	5	2	0	2	1	5	2	3	1	
Subsoil moisture													
Very short.....	4	10	12	3	2	10	7	2	6	6	3	18	
Short.....	18	22	36	15	13	31	27	17	26	22	19	40	
Adequate.....	76	68	51	77	83	58	65	80	64	71	76	41	
Surplus.....	2	0	1	5	2	1	1	1	4	1	2	1	

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.**

**For the week ending: Sunday, August 17, 2014, Prepared by Iowa Environmental Mesonet**

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
<b>NORTH WEST DISTRICT</b>										
Rock Rapids	82	51	66	-5	0.08	-0.58	20.54	5.16	1908	-215
Sheldon	80	48	65	-5	0.59	-0.06	20.93	4.81	1850	-221
Sibley	83	48	67	-2	0.87	0.12	18.74	2.85	1786	-217
Sioux Center	85	49	69	-3	0.48	-0.19	19.24	3.78	2175	-81
Spirit Lake	84	50	69	-1	0.44	-0.18	17.04	0.49	1969	-99
Storm Lake	79	56	68	-2	0.19	-0.58	13.84	-4.29	1288	-771
<b>NORTH CENTRAL DISTRICT</b>										
Algona	82	52	68	-2	0.17	-0.50	23.04	5.54	1886	-206
Charles City	83	53	69	-2	0.15	-0.52	22.33	3.25	1926	-199
Dakota City	81	52	68	-3	0.02	-0.73	21.35	3.17	2006	-137
Hampton	83	54	69	-1	0.01	-0.78	27.51	7.54	1975	-112
Mason City	82	54	68	-2	0.00	-0.71	21.16	1.92	1779	-253
Osage	82	55	67	-2	0.00	-0.67	19.26	0.20	1766	-277
<b>NORTH EAST DISTRICT</b>										
Cresco	88	52	70	1	0.02	-0.75	21.68	2.75	1909	-12
Decorah	84	51	69	-1	0.00	-0.71	18.61	-0.40	2020	-69
Dubuque	83	58	69	-3	0.00	-0.68	22.20	4.29	2124	-143
Fayette	83	53	68	-1	0.02	-0.66	23.81	4.17	1888	-125
Manchester	83	49	67	-2	0.00	-0.82	19.23	-0.53	1918	-114
Tripoli	84	52	68	-2	0.06	-0.67	20.63	0.91	1859	-222
<b>WEST CENTRAL DISTRICT</b>										
Audubon	80	48	66	-5	2.36	1.47	26.75	8.05	1951	-310
Carroll	81	52	68	-4	0.49	-0.29	24.73	6.44	2059	-156
Jefferson	80	53	67	-5	0.52	-0.14	23.84	5.70	2038	-283
Logan	84	51	69	-4	0.85	0.02	22.12	3.83	2250	-127
Mapleton	84	48	67	-5	0.15	-0.59	27.56	9.77	2020	-238
Rockwell City	80	53	69	-2	0.52	-0.20	22.67	4.51	1952	-261
<b>CENTRAL DISTRICT</b>										
Boone	80	51	68	-4	0.39	-0.41	25.61	5.61	2022	-172
Grinnell	80	49	66	-5	0.12	-0.76	26.81	7.76	1824	-299
Grundy Center	80	54	68	-2	0.00	-0.90	24.96	5.65	1993	-91
Iowa Falls	81	53	68	-3	0.09	-0.70	29.45	10.50	1861	-283
Marshalltown	81	53	68	-3	0.05	-0.86	24.94	5.05	2049	-137
Webster City	81	49	66	-5	0.00	-0.85	22.83	3.83	1871	-303
<b>EAST CENTRAL DISTRICT</b>										
Anamosa	81	50	66	-4	0.00	-0.92	25.74	6.50	1909	-247
Cedar Rapids	82	52	69	-3	0.00	-0.85	25.66	6.02	2272	-41
Clinton	82	52	69	-3	0.13	-0.78	18.60	0.97	2300	-36
Lowden	83	49	68	-3	0.00	-0.83	23.84	4.66	2252	39
Maquoketa	84	51	67	-4	0.00	-0.75	22.22	4.50	2074	-71
Vinton	82	52	68	-3	0.02	-0.62	23.60	5.09	1981	-266
<b>SOUTH WEST DISTRICT</b>										
Atlantic	81	49	67	-5	1.26	0.45	18.25	-0.11	2332	31
Clarinda	82	49	66	-7	2.42	1.50	21.18	1.31	2254	-126
Glenwood	81	52	68	-6	0.23	-0.65	22.74	3.71	2273	-170
Oakland	82	54	68	-4	1.07	0.19	22.76	3.72	2334	12
Red Oak	83	51	68	-5	0.73	-0.11	25.65	6.03	2292	-167
Sidney	81	54	69	-6	0.25	-0.64	16.11	-2.49	2351	-153
<b>SOUTH CENTRAL DISTRICT</b>										
Allerton	81	55	67	-5	4.61	3.66	31.80	11.73	2006	-291
Beaconsfield	77	55	67	-7	3.18	2.05	30.48	10.59	2055	-317
Centerville	85	50	67	-6	2.76	1.81	19.27	-0.09	2158	-242
Indianola	83	53	68	-4	1.18	0.35	24.16	4.91	2172	-165
Lamoni	82	57	69	-4	4.91	3.78	30.61	10.72	2159	-213
Osceola	85	51	69	-4	4.24	3.28	27.02	7.16	2188	-135
<b>SOUTH EAST DISTRICT</b>										
Bloomfield	82	56	69	-4	1.28	0.18	18.87	-1.09	2326	-67
Donnellson	89	56	71	-3	0.52	-0.29	18.44	-0.69	2401	-93
Fairfield	83	58	70	-4	0.23	-0.68	20.02	0.98	2186	-256
Keosauqua	84	53	68	-6	1.00	0.10	14.98	-4.61	2080	-412
Washington	84	51	68	-5	0.03	-0.73	19.95	1.52	2188	-238