



# Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 20, 2014  
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Over one-quarter of the second cutting of alfalfa hay was harvested during the week ending July 20, 2014, according to the USDA, National Agricultural Statistics Service. Statewide there were 6.3 days suitable for fieldwork, surpassing the previous season high of 5.3 days suitable near the end of May. In addition to cutting hay, activities for the week included fungicide and herbicide application.

A lack of precipitation across most of the state this week resulted in a decline in soil moisture levels. **Topsoil moisture** levels rated 0 percent very short, 7 percent short, 82 percent adequate, and 11 percent surplus. **Subsoil moisture** levels rated 1 percent very short, 7 percent short, 82 percent adequate, and 10 percent surplus.

Fifty-nine percent of the **corn** acreage was silking, 11 days ahead of last year and 2 days ahead of the five-year average. Seventy-seven percent of the corn crop was reported in good to excellent condition. Blooming was evident in 67 percent of the **soybean** acreage, more than double the percent last year. Nineteen percent of the soybean crop was setting pods, well ahead of last year's 2 percent. Seventy-four percent of the soybean crop was rated in good to excellent condition, virtually unchanged from last week. With 83 percent of the **oat** acreage having turned color, oat harvest reached 21 percent complete, 2 percentage points ahead of last year but 17 percentage points behind normal. Seventy-three percent of the oat acreage was reported in good to excellent condition, unchanged from the previous week.

With the first cutting of **alfalfa hay** nearly complete, the second cutting of alfalfa was 54 percent complete, two days ahead of last year but 6 days behind normal. Sixty-eight percent of all hay was rated in good to excellent condition. Pasture condition rated 74 percent good to excellent. Overall stress on livestock was minimal during the week, but pink-eye was reported in some cattle due to wet conditions.

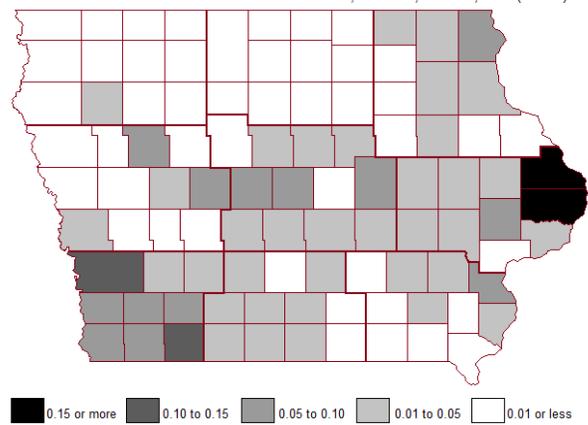
## IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

It was an unseasonably cool and dry week across Iowa. Temperatures were below normal every day of the reporting week with the coolest weather from Monday (14<sup>th</sup>) into Thursday (17<sup>th</sup>). The month vies with 2009 for the coolest start to July in the past 120 years. Temperature extremes varied from a Sunday (13<sup>th</sup>) afternoon high of 90 degrees at Sidney to Wednesday (16<sup>th</sup>) morning lows of 44 degrees at Stanley (Buchanan Co.) and Little Sioux (Harrison Co.). Temperatures for the week as a whole averaged 7.8 degrees below normal. There were just a few isolated showers on Sunday, Monday and Tuesday with dry weather statewide the remainder of the week. The greatest reported rainfall was 0.42 inches near Calamus on Clinton County while about one-half of the state saw no rain at all. The statewide average precipitation was 0.03 inches while normal for the week is 1.02 inches. This was Iowa's driest reporting week in 34 weeks (late November 2013).

### Crop Conditions as of July 20, 2014

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Hay, all.....	1	5	26	51	17
Oats .....	0	3	24	59	14
Pasture & Range .....	1	4	21	55	19
Corn .....	2	5	16	52	25
Soybeans .....	1	5	20	54	20

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., SUNDAY, JULY 20, 2014 (inches)



### Field Work and Crop Progress as of July 20, 2014

Item	Districts										State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	(Percent)													
Oats turning color .....	75	87	78	84	90	84	89	86	83	83	60	72	88	
Oats harvested .....	28	9	18	14	22	25	29	31	27	21	8	19	38	
Corn silking .....	41	48	43	72	79	66	59	66	76	59	26	16	50	
Soybeans blooming .....	65	77	61	85	69	51	58	46	74	67	45	33	64	
Soybeans setting pods .....	17	28	16	21	23	11	14	13	25	19	6	2	18	
Alfalfa Hay, second cutting .....	66	64	73	62	60	68	38	25	56	54	27	48	67	

### Days Suitable & Soil Moisture Conditions as of July 20, 2014

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Days)												
Days suitable .....	6.5	6.1	6.3	6.7	6.3	5.5	6.2	5.8	6.5	6.3	4.2	6.7	
	(Percent)												
Topsoil moisture													
Very short .....	1	1	1	1	1	0	2	0	0	0	0	13	
Short .....	7	8	8	7	7	3	9	10	8	7	2	41	
Adequate .....	73	86	85	80	81	87	74	73	86	82	73	45	
Surplus .....	19	5	6	12	11	10	15	17	6	11	25	1	
Subsoil moisture													
Very short .....	2	1	0	2	1	1	1	0	1	1	0	4	
Short .....	8	4	3	12	8	4	11	4	18	7	6	28	
Adequate .....	78	87	84	80	82	80	71	89	75	82	77	65	
Surplus .....	12	8	13	6	9	15	17	7	6	10	17	3	

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

**For the week ending: Sunday, July 20, 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	47	63	-12	0	-0.71	19.33	6.83	1374	-146
Sheldon	81	45	61	-13	0	-0.68	19.16	6.21	1342	-146
Sibley	82	46	63	-10	0	-0.64	16.22	3.28	1286	-152
Sioux Center	86	47	66	-10	0	-0.63	16.67	4.20	1626	-8
Spirit Lake	84	48	65	-8	0	-0.67	15.60	2.10	1415	-66
Storm Lake	75	50	62	-11	0	-0.85	11.44	-3.13	900	-573
<b>NORTH CENTRAL DISTRICT</b>										
Algona	80	50	64	-10	0	-0.88	21.45	7.21	1356	-152
Charles City	82	49	66	-8	0	-1.12	21.65	6.09	1368	-160
Dakota City	82	49	64	-10	0	-0.94	20.40	5.51	1462	-84
Hampton	82	51	65	-9	0	-1.21	25.73	9.29	1404	-93
Mason City	80	49	64	-10	0	-1.14	20.33	4.57	1255	-199
Osage	78	51	62	-11	0	-1.28	18.91	3.52	1233	-224
<b>NORTH EAST DISTRICT</b>										
Cresco	80	47	66	-6	0.04	-1.08	21.37	6.39	1352	-13
Decorah	82	47	66	-8	0.04	-1.03	18.11	2.96	1460	-37
Dubuque	82	54	67	-8	0	-0.95	21.02	6.69	1490	-123
Fayette	81	48	65	-8	0	-1.14	23.53	7.94	1352	-90
Manchester	82	47	65	-8	0	-1.06	18.33	2.64	1398	-58
Tripoli	81	48	65	-8	0	-1.22	19.98	3.95	1344	-147
<b>WEST CENTRAL DISTRICT</b>										
Audubon	83	48	64	-11	0	-0.85	19.89	4.48	1441	-196
Carroll	85	52	66	-9	0	-0.96	20.96	6.02	1516	-84
Jefferson	82	50	65	-11	0.07	-0.72	20.46	5.55	1498	-186
Logan	86	50	67	-9	0	-0.88	20.55	5.48	1656	-69
Mapleton	83	47	65	-10	0	-0.98	24.34	9.75	1483	-143
Rockwell City	82	50	64	-10	0	-0.91	18.63	3.81	1434	-165
<b>CENTRAL DISTRICT</b>										
Boone	82	49	66	-9	0.19	-0.70	23.15	6.80	1484	-97
Grinnell	85	46	65	-9	0.04	-1.02	24.68	9.11	1418	-106
Grundy Center	82	48	65	-8	0.05	-1.06	22.77	7.03	1434	-63
Iowa Falls	83	49	65	-10	0.12	-0.91	26.27	10.73	1350	-198
Marshalltown	83	49	66	-9	0	-1.21	22.47	6.22	1476	-101
Webster City	82	47	62	-12	0	-1.00	21.41	6.08	1354	-219
<b>EAST CENTRAL DISTRICT</b>										
Anamosa	82	49	64	-10	0	-1.12	25.10	9.39	1394	-162
Cedar Rapids	82	50	67	-9	0	-1.07	24.08	8.05	1691	18
Clinton	80	51	67	-9	0	-0.83	18.16	4.26	1709	17
Lowden	87	49	66	-8	0	-1.19	23.22	7.80	1700	99
Maquoketa	83	50	65	-9	0	-1.00	21.81	7.58	1532	-12
Vinton	83	49	65	-10	0.01	-1.04	22.71	7.52	1440	-188
<b>SOUTH WEST DISTRICT</b>										
Clarinda	87	49	66	-11	0.1	-1.03	17.68	1.52	1674	-54
Glenwood	86	52	67	-10	0.01	-0.89	20.08	4.55	1690	-87
Oakland	86	51	67	-9	0.08	-0.78	20.11	4.58	1746	62
Red Oak	88	52	67	-10	0.09	-0.93	24.24	8.15	1704	-87
Sidney	90	51	68	-10	0	-1.12	14.06	-0.97	1731	-91
<b>SOUTH CENTRAL DISTRICT</b>										
Allerton	84	52	67	-9	0.79	-0.43	24.12	7.87	1480	-180
Beaconsfield	83	51	66	-11	0.04	-0.93	24.39	8.53	1527	-181
Centerville	87	51	68	-9	0	-1.20	15.40	-0.02	1628	-105
Indianola	85	52	67	-9	0	-0.97	20.46	4.47	1610	-85
Lamoni	86	53	68	-9	0.01	-0.96	22.20	6.34	1575	-133
Osceola	88	50	68	-8	0.03	-1.03	21.83	5.71	1591	-87
<b>SOUTH EAST DISTRICT</b>										
Bloomfield	86	54	69	-8	0	-1.07	16.30	0.54	1784	50
Donnellson	87	52	69	-9	0	-0.98	14.82	-0.62	1768	-35
Fairfield	85	51	67	-10	0	-1.13	16.38	1.26	1631	-145
Keosauqua	86	50	66	-12	0	-0.97	13.07	-2.61	1600	-220
Washington	86	49	67	-10	0.04	-0.94	17.68	2.78	1624	-141