



# Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending June 29, 2014  
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Recurring precipitation continued to limit fieldwork in Iowa during the week ending June 29, 2014, according to the USDA, National Agricultural Statistics Service. Statewide there were just 2.2 days suitable for fieldwork. A few producers were able to do a little spraying and herbicide application between storms.

Precipitation raised soil moisture levels again this week. **Topsoil moisture** levels rated 0 percent very short, 3 percent short, 61 percent adequate, and 36 percent surplus. **Subsoil moisture** levels rated 1 percent very short, 9 percent short, 68 percent adequate, and 22 percent surplus. With the exception of southeast Iowa, every district in the state had over one-quarter of its topsoil in surplus condition.

There were isolated reports of **corn** silking. Corn condition rated 1 percent very poor, 4 percent poor, 16 percent fair, 56 percent good, and 23 percent excellent. Six percent of the **soybean** acreage was blooming, 10 days ahead of the previous year but 2 days behind normal. Soybean condition rated 1 percent very poor, 5 percent poor, 19 percent fair, 57 percent good, and 18 percent excellent. Eighty-six percent of the **oat** crop has headed, 4 percentage points above last year but 2 percentage points behind five-year average. Eleven percent of the oat acreage has turned color, 5 percentage points ahead of last year but 13 percentage points behind average. Oat condition rated 0 percent very poor, 2 percent poor, 24 percent fair, 61 percent good, and 13 percent excellent.

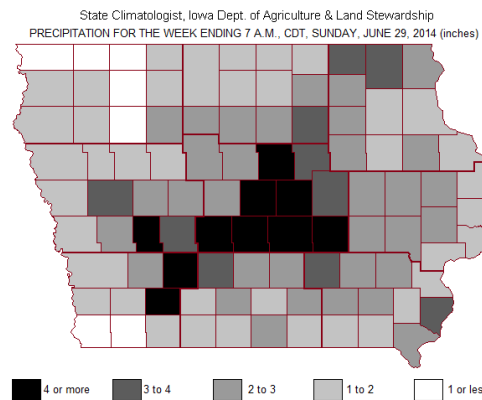
The first cutting of **alfalfa hay** was 90 percent complete, 3 percentage points ahead of both last year and average. Hay condition was rated 1 percent very poor, 5 percent poor, 26 percent fair, 52 percent good, and 16 percent excellent. Pasture condition rated 1 percent very poor, 3 percent poor, 22 percent fair, 53 percent good, and 21 percent excellent. Livestock conditions were reported as good except for dealing with increased insect pressure and flooded pastures and feedlots.

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

It was another very wet week across much of Iowa. Most of the rain fell in three events with each bringing rain to most of the state. The first event on Sunday (22<sup>nd</sup>) brought greatest rains to southeast Iowa with up to 3.85 inches of rain reported in Burlington. The second event from Thursday (26<sup>th</sup>) morning through Friday (27<sup>th</sup>) afternoon brought the heaviest rains to central Iowa with 5.45 inches at Adel (Dallas Co.) and 5.40 inches at Maxwell (Story Co.). The last event on Saturday (28<sup>th</sup>) brought widespread rain to the east two-thirds of the state with a maximum total of 2.62 inches just west of Osceola. Additional locally heavy rain fell after the cut-off for this report on Sunday (29<sup>th</sup>) night and Monday (30<sup>th</sup>). Weekly rain totals varied from 0.17 inches at Lester in Lyon County to 7.60 inches at Maxwell. The statewide average precipitation was 2.22 inches or nearly double the weekly normal of 1.17 inches. Meanwhile, temperatures were near, or slightly above, normal throughout the week. Temperature extremes varied from morning lows of 55 degrees at Sac City on Tuesday (24<sup>th</sup>) morning, as well as at Atlantic, Audubon and Battle Creek on Wednesday (25<sup>th</sup>) morning to a Wednesday afternoon high of 89 degrees at Donnellson. Temperatures for the week as a whole averaged 0.6 degrees above normal. Preliminary data suggests this was the third wettest June in 141 years of Iowa rainfall records (behind 1947 and 2010).

### Crop Conditions as of June 29, 2014

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Hay, all.....	1	5	26	52	16
Oats.....	0	2	24	61	13
Pasture & Range.....	1	3	22	53	21
Corn.....	1	4	16	56	23
Soybeans.....	1	5	19	57	18



### Field Work and Crop Progress as of June 29, 2014

Item	Districts										State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE					
Oats headed.....	80	75	77	97	94	93	93	96	95	86	71	82	88	
Oats turning color.....	6	5	3	7	21	12	22	21	15	11	3	6	24	
Soybeans blooming.....	3	2	4	15	9	1	3	5	15	6	1	0	9	
Alfalfa Hay, first cutting.....	95	95	96	91	88	97	86	82	90	90	84	87	87	

### Days Suitable & Soil Moisture Conditions as of June 29, 2014

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable .....	2.6	0.8	2.4	1.6	1.7	3.1	3.0	2.7	3.4	2.2	2.0	4.1	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short .....	1	0	3	0	0	0	1	1	0	0	0	0	
Short .....	4	3	4	1	2	2	2	1	10	3	4	1	
Adequate .....	59	53	47	73	57	60	63	53	72	61	68	65	
Surplus .....	36	44	46	26	41	38	34	45	18	36	28	34	
Subsoil moisture													
Very short .....	2	0	2	2	1	2	1	1	2	1	1	0	
Short .....	9	2	7	17	8	6	8	9	22	9	12	2	
Adequate .....	66	62	58	68	72	62	72	73	72	68	71	67	
Surplus .....	23	36	33	13	19	30	19	17	4	22	16	31	

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

**For the week ending: Sunday, June 29, 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	86	60	72	0	0.56	-0.35	18.59	8.36	1020	-29
Sheldon	82	57	70	-1	3.35	2.48	17.84	7.23	1026	-4
Sibley	83	56	70	0	0.64	-0.25	15.61	4.9	1004	13
Sioux Center	85	58	72	-1	1.36	0.48	13.92	3.55	1223	77
Spirit Lake	83	59	71	0	0.22	-0.91	14.99	4.12	1038	16
Storm Lake	89	61	73	2	0.08	-1.1	11.44	-0.35	780	-233
<b>NORTH CENTRAL DISTRICT</b>										
Algona	83	60	71	0	0.79	-0.36	19.08	7.58	990	-58
Charles City	82	60	71	0	2.26	0.74	19.58	6.93	1012	-52
Dakota City	84	61	72	0	0.4	-0.99	15.97	4.01	1077	3
Hampton	84	61	72	1	2.07	0.51	23.12	10.09	1068	33
Mason City	83	58	71	0	1.29	-0.07	18.65	5.98	903	-99
Osage	82	60	71	0	0.76	-0.66	17.13	4.82	919	-83
<b>NORTH EAST DISTRICT</b>										
Cresco	85	58	72	3	3.6	2.25	19.71	7.63	960	24
Decorah	85	58	72	2	1.85	0.57	16.78	4.52	1084	41
Dubuque	86	65	75	2	1.25	0.37	16.74	5.21	1142	29
Fayette	84	61	72	2	1.52	0.3	19.8	7.08	1032	33
Manchester	83	61	72	2	1.19	-0.05	15.09	2.44	1010	1
Tripoli	82	60	72	1	0.78	-0.64	16.67	3.78	1010	-24
<b>WEST CENTRAL DISTRICT</b>										
Audubon	83	55	71	-2	3.84	2.85	15.82	3.48	1109	-42
Carroll	86	59	72	-1	1.84	0.71	14.67	2.53	1150	28
Jefferson	84	60	71	-2	3.61	2.62	15.73	3.81	1156	-31
Logan	86	57	72	-2	1.33	0.32	15.51	3.13	1266	48
Mapleton	86	56	70	-2	1.49	0.5	19.4	7.53	1128	-9
Rockwell City	82	61	72	-1	1.22	0.09	13.2	1.28	1094	-23
<b>CENTRAL DISTRICT</b>										
Boone	85	57	71	-1	4.58	3.25	18.75	5.56	1120	15
Grinnell	84	56	70	-1	2.25	1.25	15.77	3.3	962	-97
Grundy Center	83	61	72	0	2.9	1.77	18.99	6.41	1090	52
Iowa Falls	83	59	71	-1	3.36	2.29	22.51	9.96	1048	-32
Marshalltown	84	63	72	0	2.96	1.98	18.22	5.2	1114	14
Webster City	83	57	70	-1	2.48	1.31	16.75	4.75	1050	-52
<b>EAST CENTRAL DISTRICT</b>										
Anamosa	83	62	73	1	2.87	1.79	18.18	5.77	1072	-22
Cedar Rapids	86	62	74	1	1.15	0.15	18.08	5.3	1282	102
Clinton	86	63	75	2	1.23	0.29	13.09	1.85	1291	95
Lowden	87	61	75	3	1.82	0.87	17.73	5.35	1302	174
Maquoketa	85	62	74	2	1.55	0.58	17.41	5.91	1160	77
Vinton	85	63	73	1	2.58	1.72	17.23	5.07	1121	-27
<b>SOUTH WEST DISTRICT</b>										
Atlantic	85	55	72	0	2.01	1.08	14.04	1.86	1230	47
Clarinda	86	58	73	-1	0.33	-0.94	15.05	2.16	1288	66
Glenwood	85	60	72	-2	1.37	0.26	18.92	6.17	1276	14
Oakland	86	62	73	0	1.79	0.57	19.71	7.03	1380	191
Red Oak	85	59	74	-1	1.39	0.24	19.86	6.62	1304	29
Sidney	88	56	74	-1	0.23	-0.8	10.98	-0.85	1316	21
<b>SOUTH CENTRAL DISTRICT</b>										
Allerton	85	61	74	1	2.07	1.01	20.41	7.41	1122	-49
Beaconsfield	84	62	72	-2	1.02	0.08	21.16	8.44	1134	-60
Centerville	86	58	74	0	0.86	-0.06	11.84	-0.56	1237	16
Indianola	85	59	72	-1	3.66	2.51	17.49	4.57	1228	32
Lamoni	87	63	75	1	1.43	0.49	19.69	6.97	1192	-2
Osceola	88	58	75	2	2.16	1.14	19.74	6.74	1218	38
<b>SOUTH EAST DISTRICT</b>										
Bloomfield	89	65	77	3	1.63	0.63	13.62	0.79	1338	113
Donnellson	89	64	76	1	1.43	0.48	11.96	-0.68	1344	73
Fairfield	87	63	74	0	2.46	1.5	13.81	1.7	1252	-9
Keosauqua	86	61	74	0	1.78	0.87	10.67	-2.12	1295	-7
Washington	87	62	75	1	2.8	1.89	13.82	1.84	1242	-14