



# Iowa Crop Progress & Condition

Upper Midwest Region-Iowa Field Office · 210 Walnut Street Ste 833 · Des Moines IA 50309 · (515) 284-4340 · (800) 772-0825  
Fax (855) 271-9802 · www.nass.usda.gov

Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 6, 2014  
Media Contact: Greg Thessen

Issued July 7, 2014

Above average precipitation in Iowa limited fieldwork yet again during the week ending July 6, 2014, according to the USDA, National Agricultural Statistics Service. Statewide there were just 2.6 days suitable for fieldwork, the third week in a row with less than 3.0 days suitable for fieldwork. Weed control and nitrogen side-dressing were behind due to wet conditions and the inability to get equipment through fields. Many producers reported yellowing corn and stress on soybeans due to excessive moisture.

Precipitation raised soil moisture levels marginally this week. **Topsoil moisture** levels rated 0 percent very short, 2 percent short, 61 percent adequate, and 37 percent surplus. **Subsoil moisture** levels rated 1 percent very short, 7 percent short, 67 percent adequate, and 25 percent surplus. Over one-quarter of the State's topsoil remained in surplus condition, with the exception of southeast Iowa.

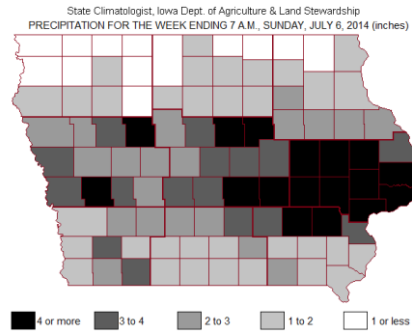
There were scattered reports of **corn** silking across Iowa. Seventy-six percent of the corn crop was reported in good to excellent condition, a decrease of 3 percentage points. Twenty-one percent of the **soybean** acreage was blooming, 11 days ahead of the previous year but 2 days behind normal. A few farmers reported soybeans setting pods. Decreasing 2 percentage points from the previous week, 73 percent of the soybean crop was rated in good to excellent condition. Ninety-five percent of the **oat** crop has headed, 2 percentage points above last year but equal to the five-year average. Thirty-one percent of the oat acreage has turned color, 10 percentage points ahead of the previous year but 15 points behind average. Seventy-three percent of the oat acreage was reported in good to excellent condition, dropping 1 percentage point from last week.

Farmers struggled to get their first cutting of **alfalfa hay** baled, advancing only five percentage points from last week. The first cutting of alfalfa hay was 95 percent complete, falling slightly behind both last year and average. The second cutting of alfalfa was 12 percent complete, two days ahead of last year but almost two weeks behind normal. Sixty-seven percent of all hay was rated in good to excellent condition. Pasture condition rated 74 percent good to excellent. Stress

on livestock increased toward the week's end with the high humidity and heat.

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

Heavy rains fell across Iowa for the third consecutive week, this time focused upon the central one-third of the state and particularly across east central sections of Iowa. Most of the rain fell in two periods with the larger event coming from Sunday (29<sup>th</sup>) morning into Monday (30<sup>th</sup>) evening. The second event began over northwest Iowa late on Friday (4<sup>th</sup>) and continued into Saturday (5<sup>th</sup>) afternoon over the southeast. High winds and/or large hail were reported from 24 counties on the 29<sup>th</sup> and from 41 counties on the 30<sup>th</sup> with every county between Interstate 80 and U.S Highway 20 reporting severe weather on one or both of these dates. The first event brought very heavy rain to east central Iowa with 7.63 inches falling near Center Junction in Jones County. The heaviest rain from the second event fell across west central and southwest Iowa with Red Oak reporting the most rain with 3.90 inches while extreme northeast Iowa missed this storm system. Weekly rain totals varied from 0.15 inches at Estherville and 0.16 inches at Rock Rapids to 7.72 inches near Center Junction and 6.96 inches at Muscatine. The statewide average rainfall was 2.49 inches or more than double the weekly normal of 1.09 inches. Meanwhile, temperatures were slightly above normal to start the reporting week on Sunday (29<sup>th</sup>) and slightly below normal on Monday (30<sup>th</sup>). The remainder of the week was unseasonably cool with daytime highs only in the 60s in some areas on Tuesday, Wednesday and Saturday. At Lake Rathbun the Wednesday afternoon high of 62 degrees tied for the lowest July daytime high since records began at that location in 1970. Temperature extremes varied from afternoon highs of 89 degrees at Bloomfield and Keokuk on Monday (30<sup>th</sup>) and also at Sibley on Saturday (5<sup>th</sup>) while Battle Creek (Ida Co.) and Stanley (Buchanan Co.) reported lows of 45 degrees on Thursday morning. Temperatures for the week as a whole averaged 5.8 degrees below normal.



### Crop Conditions as of July 6, 2014

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Hay, all.....	1	5	27	51	16
Oats.....	0	3	24	60	13
Pasture & Range.....	1	3	22	54	20
Corn.....	2	5	17	53	23
Soybeans.....	2	6	19	55	18

### Field Work and Crop Progress as of July 6, 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)	(Percent)
Oats headed.....	92	91	94	99	99	98	95	97	97	95	86	93	95		
Oats turning color.....	30	28	13	29	44	41	45	47	40	31	11	21	46		
Soybeans blooming.....	24	26	13	32	26	7	15	17	24	21	6	3	26		
Alfalfa Hay, first cutting.....	98	98	99	99	94	99	91	90	94	95	90	96	96		
Alfalfa Hay, second cutting.....	22	7	18	10	9	19	9	5	16	12	4	7	36		

### Days Suitable & Soil Moisture Conditions as of July 6, 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.....	3.9	1.8	2.8	2.7	1.4	2.3	3.5	2.9	2.7	2.6	2.2	5.9	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short.....	1	0	0	0	0	0	1	1	0	0	0	1	
Short.....	3	3	1	1	2	2	2	1	3	2	3	10	
Adequate.....	67	66	53	69	49	50	58	51	74	61	61	74	
Surplus.....	29	31	46	30	49	48	39	47	23	37	36	15	
Subsoil moisture													
Very short.....	2	0	0	2	2	2	1	1	2	1	1	0	
Short.....	7	2	2	15	5	5	5	8	18	7	9	4	
Adequate.....	68	65	66	70	68	50	65	71	74	67	68	78	
Surplus.....	23	33	32	13	25	43	29	20	6	25	22	18	

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

**For the week ending: Sunday, July 6, 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	84	51	67	-6	0.08	-0.66	18.84	7.92	1128	-74
Sheldon	84	48	67	-5	0.38	-0.38	18.23	6.92	1149	-28
Sibley	79	50	64	-7	0.08	-0.61	15.69	4.30	1046	-90
Sioux Center	90	49	70	-3	1.45	0.79	15.37	4.41	1364	60
Spirit Lake	90	51	69	-3	0.19	-0.63	15.18	3.36	1166	-3
<b>NORTH CENTRAL DISTRICT</b>										
Algona	78	52	65	-7	1.35	0.48	20.54	8.20	1124	-73
Charles City	87	48	66	-7	1.57	0.75	21.15	7.72	1122	-92
Dakota City	80	49	65	-8	1.57	0.78	19.32	6.49	1184	-41
Hampton	81	49	66	-6	1.41	0.50	24.53	10.66	1182	-2
Mason City	78	48	65	-7	1.28	0.46	20.06	6.56	1046	-102
Osage	77	51	64	-7	0.64	-0.10	18.67	5.69	1016	-132
<b>NORTH EAST DISTRICT</b>										
Cresco	80	46	66	-4	0.87	0.17	20.59	7.80	1124	51
Decorah	83	46	67	-4	0.37	-0.45	17.15	4.05	1206	18
Dubuque	86	57	69	-4	2.96	2.09	19.70	7.34	1258	-16
Fayette	81	50	65	-5	2.73	1.90	22.53	9.08	1140	-1
Manchester	82	48	66	-5	1.33	0.49	17.26	3.82	1172	19
Tripoli	82	50	66	-6	2.37	1.47	19.04	5.26	1118	-62
<b>WEST CENTRAL DISTRICT</b>										
Audubon	83	46	66	-7	3.51	2.37	19.33	5.92	1225	-84
Carroll	83	50	67	-6	3.46	2.62	18.13	5.10	1268	-9
Jefferson	82	52	67	-8	2.81	1.75	18.55	5.60	1272	-76
Logan	84	48	69	-6	5.04	4.12	20.55	7.33	1398	16
Mapleton	85	47	68	-6	3.20	2.45	22.60	10.04	1254	-40
Rockwell City	81	53	67	-7	4.72	3.73	17.92	5.03	1210	-63
<b>CENTRAL DISTRICT</b>										
Boone	81	47	66	-7	2.63	1.65	21.38	7.13	1230	-28
Grinnell	80	47	66	-6	4.29	3.17	20.06	6.55	1028	-179
Grundy Center	81	48	66	-6	3.48	2.70	22.47	9.11	1202	17
Iowa Falls	80	49	65	-7	3.22	2.40	25.73	12.44	1154	-77
Marshalltown	81	54	67	-6	3.42	2.41	21.64	7.67	1234	-20
Webster City	82	47	64	-8	3.64	2.74	20.71	7.75	1158	-95
<b>EAST CENTRAL DISTRICT</b>										
Anamosa	83	50	66	-5	5.77	4.59	23.95	10.42	1187	-56
Cedar Rapids	86	50	69	-5	4.83	3.86	22.91	9.20	1412	73
Clinton	86	53	69	-4	3.32	2.48	16.41	4.29	1426	70
Lowden	85	50	68	-5	2.84	1.93	22.71	9.43	1426	144
Maquoketa	88	51	69	-3	3.32	2.49	20.75	8.41	1302	71
Vinton	83	49	67	-6	4.95	4.13	22.18	9.24	1240	-63
<b>SOUTH WEST DISTRICT</b>										
Atlantic	85	46	66	-7	0.02	-0.94	14.75	1.57	1346	5
Clarinda	87	47	69	-5	1.72	0.47	16.77	2.76	1425	39
Glenwood	85	49	69	-6	0.95	-0.06	19.87	6.19	1410	-19
Oakland	85	54	71	-3	0.05	-0.94	20.03	6.36	1465	115
Red Oak	85	48	69	-6	3.95	3.03	23.81	9.71	1440	-3
Sidney	88	49	71	-5	3.05	1.91	14.04	1.21	1462	-4
<b>SOUTH CENTRAL DISTRICT</b>										
Allerton	85	52	68	-6	1.39	0.19	21.80	7.64	1246	-82
Beaconsfield	84	52	68	-7	2.12	0.92	23.28	9.31	1261	-99
Centerville	87	49	68	-7	1.88	0.84	13.72	0.33	1364	-22
Indianola	83	50	68	-6	2.74	1.69	20.23	6.27	1352	-5
Lamoni	87	53	69	-6	1.33	0.13	21.02	7.05	1306	-55
Osceola	87	48	69	-6	1.80	0.66	21.54	7.49	1348	8
<b>SOUTH EAST DISTRICT</b>										
Bloomfield	89	55	70	-4	2.03	0.95	15.65	1.71	1478	88
Donnellson	88	55	70	-6	0.99	-0.08	12.95	-0.82	1463	20
Fairfield	84	52	68	-7	1.53	0.38	15.34	2.07	1378	-49
Keosauqua	87	52	69	-7	0.15	-1.06	10.82	-3.13	1388	-81
Washington	84	52	68	-6	2.88	1.80	16.70	3.65	1371	-49