



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending August 31, 2014
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Frequent precipitation hindered fieldwork with only 2.3 days suitable across Iowa during the week ending August 31, 2014, according to the USDA, National Agricultural Statistics Service. Above average temperatures aided crop development, and farmers are hopeful these temperatures will continue. Wet conditions have slowed hay harvest. Diseases in both corn and soybeans were reported across the State.

Recent precipitation increased soil moisture. **Topsoil moisture** levels rated 1 percent very short, 9 percent short, 75 percent adequate, and 15 percent surplus. **Subsoil moisture** levels rated 2 percent very short, 15 percent short, 76 percent adequate, and 7 percent surplus. East central Iowa was the driest with one-quarter of its topsoil in very short to short condition.

Over ninety percent of Iowa's **corn** crop was in the dough stage or beyond, 23 percentage points above of last year and 6 points above the five-year average. Fifty-three percent of the corn crop had reached the dent stage, 8 days ahead of the previous year but 4 days behind normal. With corn beginning to mature, 76 percent of the corn acreage was reported in good to excellent condition. Ninety-six percent of the **soybean** crop was setting pods or beyond, 1 week ahead of last year but slightly behind average. Soybean leaves turning color reached 8 percent, 5 percentage points ahead of the previous year but 10 points behind the normal pace. Seventy-three percent of the soybean acreage was in good to excellent condition. **Oat** harvest for grain was virtually complete.

The third cutting of **alfalfa hay** was 53 percent complete, 22 percentage points below last year and 23 points below the five-year average. Sixty-six percent of all hay was rated in good to excellent condition. Pasture condition improved to 62 percent good to excellent. High humidity caused stress for some livestock. There were a few reports of calves being weaned.

Crop Conditions as of August 31, 2014

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Hay, all.....	0	7	27	49	17
Pasture & Range.....	2	8	28	50	12
Corn.....	2	4	18	51	25
Soybeans.....	2	5	20	50	23

Field Work and Crop Progress as of August 31, 2014

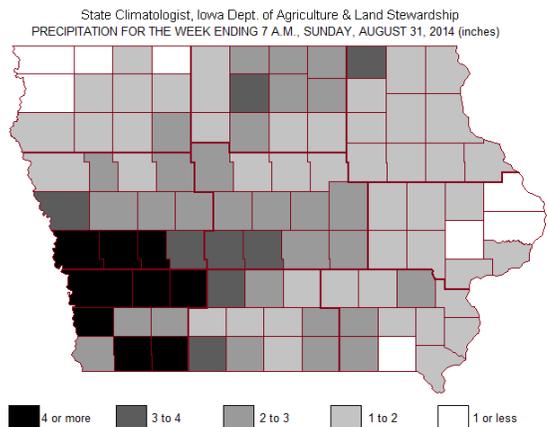
Item	Districts										State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE					
Corn in or past dough stage	94	88	88	98	97	96	86	91	91	92	88	69	86	
Corn in or past dent stage	44	39	55	66	58	64	53	52	48	53	33	30	61	
Soybeans setting pods	99	98	99	100	97	94	92	95	95	96	94	92	97	
Soybeans leaves turning color.....	7	5	8	5	10	11	10	8	15	8	2	3	18	
Alfalfa Hay, third cutting.....	76	44	73	51	54	75	39	24	62	53	46	75	76	

Days Suitable & Soil Moisture Conditions as of August 31, 2014

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	2.9	2.6	2.7	1.3	1.7	4.1	1.0	1.4	2.8	2.3	4.2	6.6	
Topsoil moisture	(Days)												
Very short	1	4	6	0	0	2	0	0	0	1	4	43	
Short	15	15	14	1	3	23	0	3	12	9	19	34	
Adequate	70	77	71	69	83	73	74	67	71	75	73	23	
Surplus	14	4	9	30	14	2	26	30	17	15	4	0	
Subsoil moisture	(Percent)												
Very short	3	1	5	0	2	8	0	0	6	2	4	34	
Short	16	23	25	5	7	31	5	5	19	15	21	39	
Adequate	77	74	66	79	83	59	84	80	62	76	73	27	
Surplus.....	4	2	4	16	8	2	11	15	13	7	2	0	

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

Showers and thunderstorms were nearly a daily occurrence across much of Iowa this past reporting week. Rain totals were above normal over all but small portions of far northwest and east central Iowa. Torrential rains of four inches or more were centered over Mills County on Wednesday (27th) morning and from Cass to Polk County on Thursday (28th) night. The most widespread rains came on Thursday and Friday while Saturday (30th) was mostly dry statewide. Widespread moderate to heavy rain, along with numerous reports of high winds, also occurred on Sunday (31st) night but will be included in next week's report. Weekly rain totals varied from 0.34 inches at Lowden and 0.35 inches at Rock Rapids up to 7.55 inches at Persia in Harrison County (which had been the dry spot in the state the previous week). The statewide average precipitation was 2.18 inches, or more than double the weekly normal of 0.91 inches. Warm and humid air dominated the state most of the week with the warmest air on Sunday (24th) and Monday (25th) when temperatures reached into the nineties in many areas. A brief break from the heat came on Wednesday (27th) when daytime highs were mostly in the seventies. Temperature extremes for the week varied from a Monday (25th) afternoon high of 95 degrees at Donnellson to a Tuesday (26th) morning low of 53 degrees at Sibley. Temperatures for the week as a whole averaged near normal in far northwest Iowa to five degrees above normal across the southeast. The statewide average temperature was 3.1 degrees above normal. Burlington and Cedar Rapids reached 90 degrees for the first time this year on Sunday the 24th.



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

For the week ending: Sunday, August 31, 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
NORTH WEST DISTRICT										
Rock Rapids	82	53	67	-4	0.23	-0.50	22.27	5.15	2205	-198
Sheldon	82	53	67	-3	0.71	-0.02	22.69	4.80	2114	-228
Sibley	82	53	66	-3	0.73	-0.05	20.66	2.68	2064	-202
Sioux Center	82	54	69	-3	0.94	0.09	20.93	3.77	2480	-71
Spirit Lake	78	55	68	-2	1.77	0.99	20.56	2.30	2262	-80
Storm Lake	76	59	66	-3	0.00	-0.91	14.51	-5.55	1484	-848
NORTH CENTRAL DISTRICT										
Algona	86	57	68	-2	1.45	0.59	27.37	8.12	2186	-179
Charles City	86	57	71	0	1.93	1.05	25.87	4.57	2246	-159
Dakota City	88	60	71	1	1.28	0.39	24.12	3.93	2320	-100
Hampton	90	58	71	1	1.73	0.75	31.47	9.43	2296	-67
Mason City	89	56	70	0	2.06	1.00	25.66	4.12	2065	-235
Osage	89	58	70	0	2.70	1.70	25.96	4.70	2132	-180
NORTH EAST DISTRICT										
Cresco	92	54	71	2	3.36	2.13	27.12	5.86	2218	43
Decorah	89	56	73	3	1.92	0.87	22.88	1.93	2355	-11
Dubuque	90	64	74	2	1.31	0.42	24.64	4.81	2436	-136
Fayette	90	58	72	2	1.19	0.29	29.01	7.18	2196	-85
Manchester	92	60	72	3	1.63	0.60	21.24	-0.60	2234	-66
Tripoli	91	59	72	2	0.93	-0.22	22.63	0.52	2178	-177
WEST CENTRAL DISTRICT										
Audubon	86	58	70	-2	4.01	3.01	32.10	11.59	2263	-292
Carroll	87	61	71	0	2.60	1.64	28.44	8.37	2363	-141
Jefferson	89	61	72	-1	2.06	1.05	27.08	7.04	2366	-254
Logan	89	62	72	0	4.63	3.70	27.31	7.17	2590	-96
Mapleton	86	60	69	-3	4.06	3.20	33.19	13.80	2322	-235
Rockwell City	86	61	70	-1	2.10	1.20	26.00	5.93	2272	-228
CENTRAL DISTRICT										
Boone	91	61	72	1	2.65	1.71	29.36	7.30	2348	-135
Grinnell	89	61	73	3	1.58	0.50	28.83	7.81	2096	-306
Grundy Center	90	56	72	2	1.68	0.72	27.06	5.87	2287	-69
Iowa Falls	89	59	71	1	1.87	0.90	32.85	11.86	2176	-247
Marshalltown	90	59	73	2	2.02	0.97	29.43	7.57	2380	-89
Webster City	88	57	70	0	1.65	0.72	26.48	5.45	2220	-238
EAST CENTRAL DISTRICT										
Anamosa	90	59	73	2	0.98	-0.03	27.09	5.77	2222	-216
Cedar Rapids	91	63	75	3	0.93	-0.11	27.06	5.38	2620	7
Clinton	89	62	75	2	1.56	0.69	21.94	2.33	2653	13
Lowden	92	58	74	3	0.34	-0.55	25.91	4.80	2589	91
Maquoketa	91	59	73	3	0.38	-0.64	25.86	6.15	2398	-29
Vinton	92	62	73	2	1.51	0.56	26.06	5.67	2303	-236
SOUTH WEST DISTRICT										
Atlantic	88	61	72	1	4.58	3.56	25.16	4.96	2667	69
Clarinda	91	62	75	2	4.17	3.09	26.35	4.49	2611	-78
Glenwood	91	62	73	-1	5.37	4.46	30.27	9.24	2618	-141
Oakland	89	63	72	0	3.78	2.83	30.21	9.30	2674	52
Red Oak	91	63	75	1	2.52	1.40	30.66	9.03	2676	-99
Sidney	94	62	74	0	2.63	1.74	19.41	-0.97	2706	-122
SOUTH CENTRAL DISTRICT										
Allerton	90	63	74	2	3.60	2.79	35.40	13.67	2216	-384
Beaconsfield	89	63	73	0	2.65	1.52	34.31	12.47	2394	-292
Centerville	92	64	76	2	2.25	1.47	25.96	4.85	2518	-198
Indianola	91	64	74	1	1.66	0.75	28.71	7.91	2538	-103
Lamoni	94	65	77	4	2.75	1.62	33.87	12.03	2536	-150
Osceola	92	62	75	3	1.50	0.51	34.07	12.34	2540	-87
SOUTH EAST DISTRICT										
Bloomfield	93	67	77	3	2.36	1.43	23.94	2.08	2691	-14
Donnellson	95	66	78	4	2.19	1.25	21.69	0.96	2775	-47
Fairfield	93	64	76	2	1.28	0.35	25.15	4.34	2541	-216
Keosauqua	93	57	74	0	0.86	-0.07	16.82	-4.45	2414	-401
Washington	93	60	75	2	2.67	1.65	24.33	4.19	2533	-207