



# Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 24, 2016  
Issued July 25, 2016

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Recent heat and humidity helped speed crop development although frequent rains allowed Iowa farmers only **4.0 days suitable for fieldwork** for the week ending July 24, 2016, according to the USDA, National Agricultural Statistics Service. Activities for the week included aerial fungicide application to corn and cutting hay when fields were dry enough.

**Topsoil moisture** levels rated 1 percent very short, 9 percent short, 81 percent adequate and 9 percent surplus. **Subsoil moisture** levels rated 2 percent very short, 10 percent short, 82 percent adequate and 6 percent surplus.

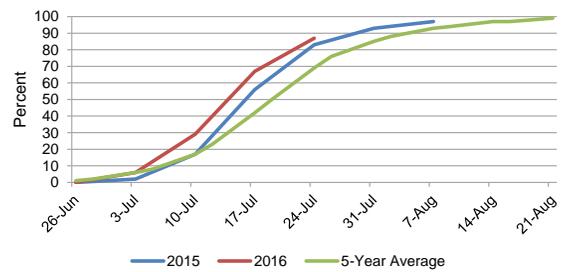
Eighty-seven percent of the **corn** crop reached the silking stage, 8 days ahead of normal, with 11 percent of the corn crop reaching the dough stage. Corn condition rated 82 percent good to excellent. **Soybeans** blooming reached 83 percent, 6 days ahead of both last year and the five-year average. Forty-four percent of soybeans were setting pods, 6 days ahead of average. Soybean condition rated 81 percent good to excellent last week. **Oats** harvested for grain or seed reached 54 percent, 2 days ahead of last year. Oat crop condition rated 79 percent good to excellent.

The second cutting of **alfalfa hay** reached 87 percent, more than 2 weeks ahead of last year. The third cutting of alfalfa hay reached 13 percent. **Hay condition** was rated 73 percent good to excellent, while **pasture condition** rated 62 percent good to excellent. Pastures and hay crops were growing. Livestock experienced some stress due to high levels of heat and humidity.

## Crop Conditions as of July 24, 2016

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn .....	1	3	14	59	23
Hay, all .....	0	2	25	59	14
Oats .....	0	2	19	65	14
Soybeans .....	1	3	15	60	21
Pasture and range .....	1	7	30	50	12

Percent of Corn Silking - Iowa  
As of July 17, 2016



## Field Work and Crop Progress as of July 24, 2016

Item	Districts									State	Last week	Last year	5-yr avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(percent)												
Corn silking .....	81	87	90	88	88	88	88	88	93	87	67	75	69
Corn dough .....	7	5	14	11	15	11	10	22	20	11	2	8	8
Hay, alfalfa, second cutting .....	97	86	92	94	94	91	90	77	77	87	79	64	74
Hay, alfalfa, third cutting .....	25	13	21	13	17	16	6	6	8	13	6	2	12
Oats harvested .....	43	40	51	59	68	44	61	73	63	54	35	49	50
Soybeans blooming .....	88	85	85	88	89	80	69	73	74	83	66	73	73
Soybeans setting pods .....	49	54	34	40	67	44	25	27	33	44	20	31	27

## Days Suitable & Soil Moisture Condition as of July 24, 2016

Item	Districts									State	Last week	Last year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)											
Days suitable .....	4.4	3.4	4.2	4.5	3.5	3.5	4.4	4.4	3.9	4.0	4.5	5.0
	(percent)											
Topsoil moisture												
Very short .....	1	0	1	3	0	0	0	2	8	1	3	0
Short .....	7	3	7	16	9	1	2	24	22	9	12	6
Adequate .....	81	88	84	75	86	83	83	70	65	81	78	78
Surplus .....	11	9	8	6	5	16	15	4	5	9	7	16
Subsoil moisture												
Very short .....	0	0	1	3	2	0	0	5	13	2	3	0
Short .....	5	5	7	16	14	1	3	21	29	10	12	5
Adequate .....	84	86	84	77	82	89	93	73	56	82	80	79
Surplus .....	11	9	8	4	2	10	4	1	2	6	5	16

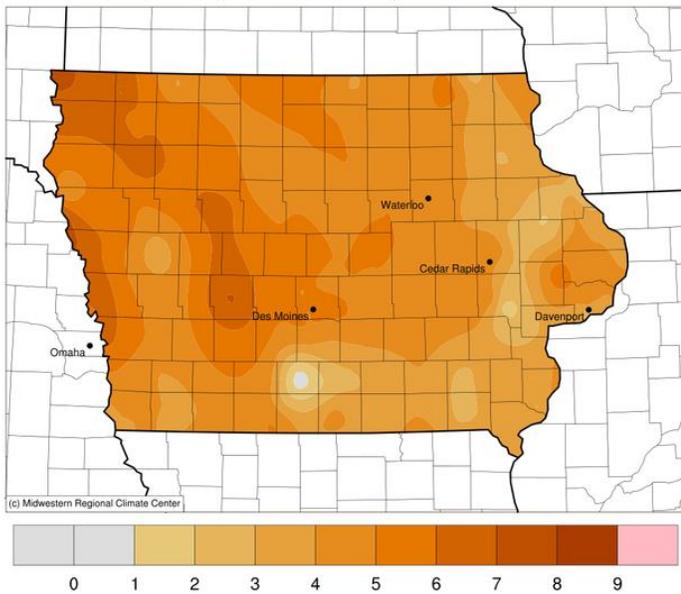
## IOWA PRELIMINARY WEATHER SUMMARY

Provided by Harry J. Hillaker, State Climatologist  
Iowa Department of Agriculture & Land Stewardship

It was a hot, humid, and wet week across Iowa. Temperatures were above normal throughout the week with the hottest weather from Wednesday (20<sup>th</sup>) through Saturday (23<sup>rd</sup>) when heat indices exceeded 110 degrees somewhere in the state each day. Actual temperatures during the week varied from a Monday (18<sup>th</sup>) morning low of 55 degrees at Algona to a Wednesday (20<sup>th</sup>) afternoon high of 97 degrees at Sioux City and Thursday (21<sup>st</sup>) highs of 97 at Des Moines, Lamoni, and Sioux City. Temperatures for the week as a whole averaged 5.2 degrees above normal. Heat indices reached a maximum of 119 degrees at Shenandoah on Thursday. Thunderstorms brought rain to the south one-half of the state from Sunday (17<sup>th</sup>) night into Monday (18<sup>th</sup>) morning with very heavy rains in parts of southwest Iowa. Rain fell nearly statewide on Tuesday (19<sup>th</sup>) with locally heavy rain falling across central Iowa. Wednesday (20<sup>th</sup>) brought rain to extreme eastern and far northwestern Iowa. Another round of thunderstorms brought rain to the eastern one-third of the state on Thursday (21<sup>st</sup>) night into Friday (22<sup>nd</sup>) morning. Finally, one last event brought rain to about the north one-half of the state on Saturday (23<sup>rd</sup>) morning with locally heavy rain in far northeast Iowa. Weekly rain totals varied from only 0.15 inches at Akron on the South Dakota border to 6.19 inches at Bedford and 6.60 inches between Ankeny and Des Moines. The statewide average precipitation was 2.09 inches or more than double the normal of 0.98 inches. This was the third consecutive week of much above normal rainfall.

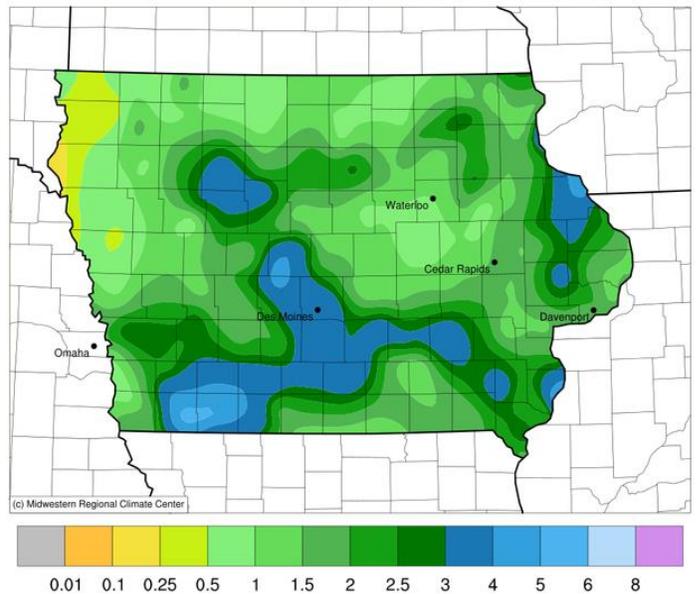
**Average Temperature (°F): Departure from 1981-2010 Normals**

July 18, 2016 to July 24, 2016



**Accumulated Precipitation (in)**

July 18, 2016 to July 24, 2016



Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>