



# 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 10, 2016  
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Media Contact: Greg Thessen

Hit or miss rains allowed Iowa farmers 4.5 **days suitable for fieldwork** for the week ending July 10, 2016, according to the USDA, National Agricultural Statistics Service. Activities for the week included herbicide and insecticide applications to soybeans and second cutting of hay. There were scattered reports of crop damage due to strong winds and hail.

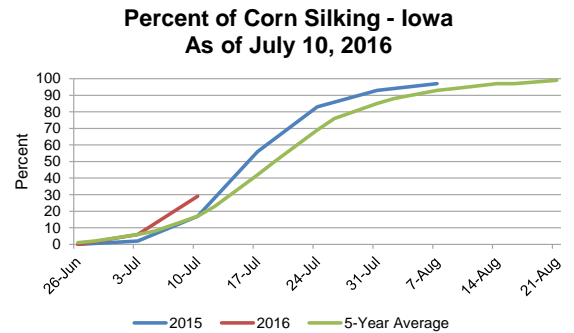
**Topsoil moisture** levels rated 5 percent very short, 19 percent short, 72 percent adequate and 4 percent surplus. **Subsoil moisture** levels rated 4 percent very short, 17 percent short, 75 percent adequate and 4 percent surplus. South central and southeast Iowa were the driest areas of the State with 49 percent rated short to very short on subsoil moisture.

Twenty-nine percent of the **corn** crop had reached the silking stage. Corn condition rated 79 percent good to excellent. **Soybeans** blooming reached 40 percent, 2 days ahead of both last year and the five-year average. Six percent of soybeans were setting pods, 4 days ahead of normal. Soybean condition rated 77 percent good to excellent this week. Nearly all of the State's **oat** crop was headed. Oat acreage turning color reached 75 percent, with 16 percent of the oat crop harvested for grain or seed, 4 days ahead of last year. The statewide oat crop condition rating was unchanged from last week at 80 percent good to excellent.

The second cutting of **alfalfa hay** reached 67 percent, more than 2 weeks ahead of last year and 11 days ahead of the average. The third cutting of alfalfa hay got underway this week. **Hay condition** was rated at 72 percent good to excellent, while **pasture condition** rated 61 percent good to excellent. Livestock were generally reported to be in good condition, benefiting from cooler temperatures.

## Crop Conditions as of July 10, 2016

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn .....	1	3	17	59	20
Hay, all .....	0	3	25	57	15
Oats .....	0	1	19	65	15
Soybeans .....	1	4	18	61	16
Pasture and range .....	2	8	29	50	11



## Field Work and Crop Progress as of July 10, 2016

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)
Corn silking .....	15	21	18	33	44	32	38	34	40	29	6	13	17
Hay, alfalfa, second cutting .....	84	72	79	66	83	66	49	53	65	67	48	35	41
Oats coloring .....	75	63	71	86	91	70	79	76	83	75	51	62	56
Oats harvested .....	8	6	19	17	17	11	18	23	14	16	4	10	15
Soybeans blooming .....	36	48	41	42	45	45	38	23	34	40	20	34	34
Soybeans setting pods .....	4	10	4	6	10	5	4	5	9	6	1	3	2

## Days Suitable & Soil Moisture Condition as of July 10, 2016

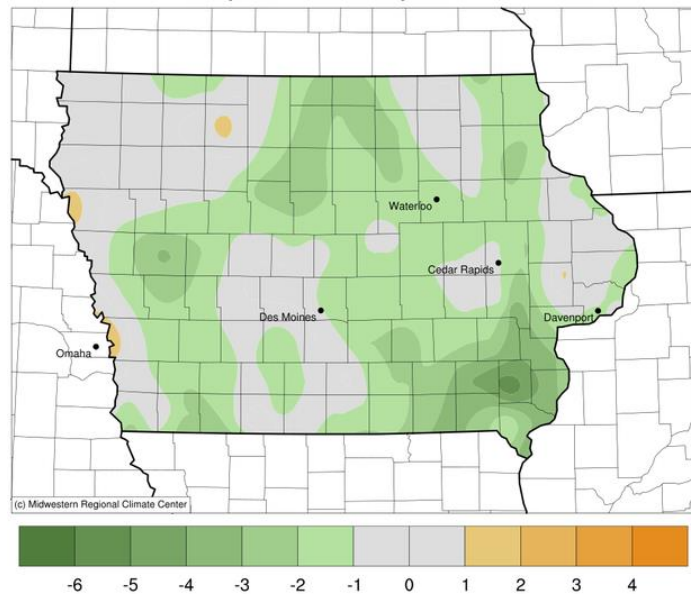
Item	Districts									State	Last week	Last year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable .....	4.9	4.8	3.8	4.4	4.9	4.1	3.7	5.4	4.4	4.5	5.5	4.8
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short .....	1	1	1	6	1	0	1	23	21	5	8	0
Short .....	13	7	6	34	26	4	17	36	33	19	25	3
Adequate .....	79	88	89	57	72	85	79	38	45	72	64	77
Surplus .....	7	4	4	3	1	11	3	3	1	4	3	20
Subsoil moisture												
Very short .....	1	2	1	4	3	0	1	12	18	4	4	0
Short .....	7	14	7	24	27	5	14	37	31	17	20	3
Adequate .....	83	81	89	69	69	88	80	51	51	75	73	78
Surplus .....	9	3	3	3	1	7	5	0	0	4	3	19

## IOWA PRELIMINARY WEATHER SUMMARY

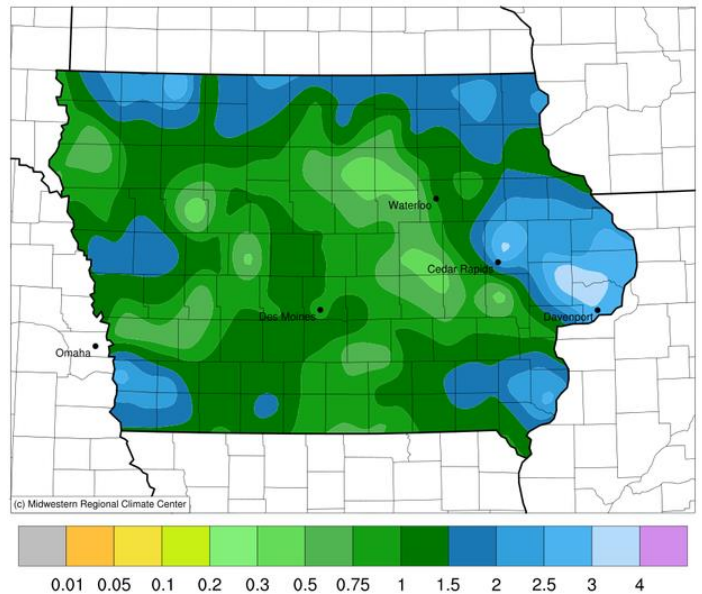
Provided by Harry J. Hillaker, State Climatologist  
Iowa Department of Agriculture & Land Stewardship

The crop reporting week began with a dry and unseasonably cool Fourth of July with daytime high temperatures mostly in the seventies. However, heat and humidity made a very rapid return on Tuesday (5<sup>th</sup>) with highs in the mid-eighties northeast to mid-nineties southwest. The highest humidity levels of the year pushed the heat index to 115 degrees at Red Oak where the dew point reached an extremely high 84 degrees. Thunderstorms brought rain to most of the east one-half of Iowa, plus west central Iowa, late on Tuesday and into Wednesday morning. Heavy rain fell in east central Iowa with these storms where two to three inch amounts were common from Cedar Rapids to Clinton and Davenport. Wednesday was another very warm day but not nearly as humid as Tuesday with highs in the low eighties east to low nineties west. Thunderstorms dampened nearly all of Iowa between Wednesday afternoon and Thursday morning. The Wednesday night rainfall brought one-half to one and one-half inches of rain to almost all of Iowa, but largely missed east central Iowa where heavy rain fell the previous night. Additionally these storms brought numerous reports of high winds, especially in west central and north central Iowa. There were some scattered thunderstorms across the northwest one-half of the state on Thursday (7<sup>th</sup>) afternoon with a few isolated reports of large hail. Dry weather with near-seasonal temperatures prevailed statewide on Friday and Saturday. Finally, showers and thunderstorms moved across about the northeast one-half of Iowa on Sunday (10<sup>th</sup>) morning. Temperature extremes for the week varied from a Monday (4<sup>th</sup>) morning low of 49 degrees at Elkader to a Tuesday (5<sup>th</sup>) afternoon high of 95 degrees at Sidney. Temperatures for the week averaged slightly below normal northeast to slightly above normal southwest with a statewide average of 0.3 degrees below normal. Weekly rain totals varied from 0.62 inches at Orange City and 0.65 inches at Iowa City Airport to 4.14 inches at Lowden. The statewide average rain total was 1.71 inches while normal for the week is 1.07 inches.

**Average Temperature (°F): Departure from 1981-2010 Normals**  
July 04, 2016 to July 10, 2016



**Accumulated Precipitation (in)**  
July 04, 2016 to July 10, 2016



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