



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 1, 2018
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Strong storms brought damaging winds and heavy precipitation to much of Iowa resulting in just **3.2 days suitable for fieldwork** during the week ending July 1, 2018, according to the USDA, National Agricultural Statistics Service. Activities for the week included, assessing crop damage and harvesting hay when the weather permitted. Wind and intermittent showers prohibited spraying activity to a strong degree.

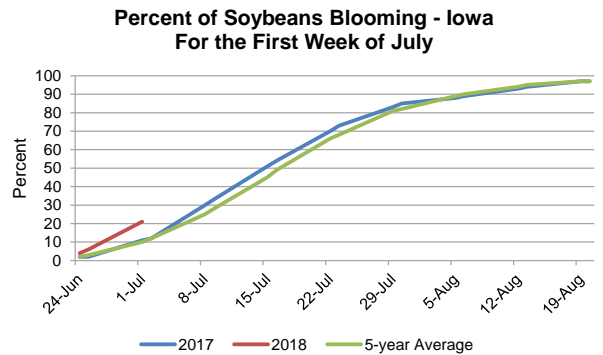
Topsoil moisture levels rated 1 percent very short, 5 percent short, 68 percent adequate and 26 percent surplus. **Subsoil moisture** levels rated 3 percent very short, 9 percent short, 66 percent adequate and 22 percent surplus. Heavy rainfall left many fields and pastures ponded. In south central Iowa the subsoil moisture supplies rated adequate to surplus increased to 46 percent; the highest percentage in these categories since the week ending July 9, 2017.

Seven percent of the **corn** crop has silked, a week ahead of both last year and the 5-year average. Seventy-eight percent of the corn crop was rated in good to excellent condition. Twenty-one percent of the **soybean** crop has bloomed, 4 days ahead of last year and 6 days ahead of the average. Seventy-six percent of the soybean crop was rated in good to excellent condition. Ninety-three percent of the **oat** crop has headed, 2 days ahead of average. Twenty-five percent of the oat crop was turning color, a day ahead of the average. Eighty percent of the oat crop was rated in good to excellent condition.

The second cutting of **alfalfa hay** reached 24 percent complete, a day behind last year and three days ahead of the average. Frequent storms continued to make putting up hay a challenge this week. **Hay condition** rated 74 percent good to excellent. **Pasture conditions** rated 66 percent good to excellent. Heat and high humidity continued to stress livestock. Flooding limited access to pastures and muddy conditions continued to make feedlot operations difficult.

Crop Condition as of July 1, 2018

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	2	4	16	53	25
Hay, all	1	4	21	55	19
Oats	0	2	18	65	15
Soybeans	2	4	18	55	21
Pasture and range.....	2	7	25	51	15



Field Work and Crop Progress as of July 1, 2018

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)
Corn silking	3	1	1	2	8	18	10	20	21	7	0	0	1	
Hay, alfalfa, second cutting	20	23	27	20	16	32	22	15	36	24	8	25	18	
Oats headed.....	75	78	93	90	99	98	99	98	96	93	84	93	91	
Oats coloring.....	9	6	15	18	29	24	49	47	35	25	6	25	24	
Soybeans blooming.....	23	14	9	22	17	36	18	27	30	21	4	11	10	

(NA) Not available.

Days Suitable for Fieldwork and Soil Moisture Supplies as of July 1, 2018

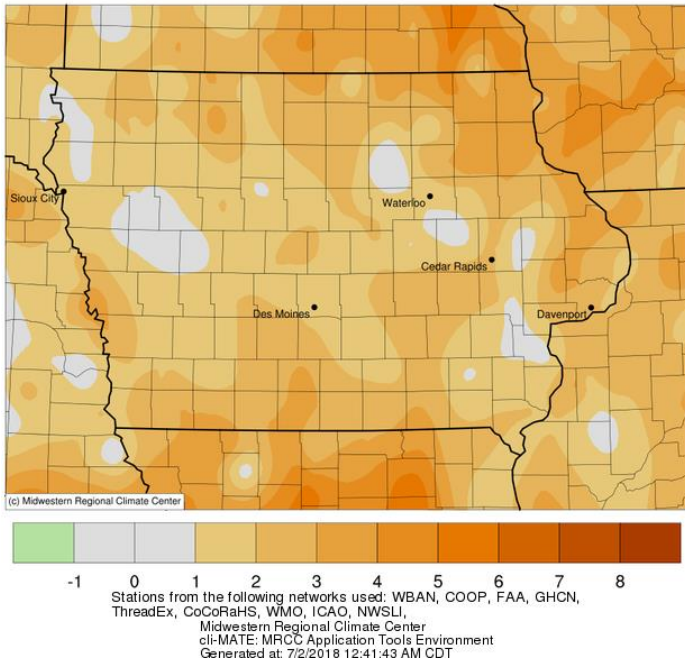
Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable	1.4	3.5	4.5	2.3	3.0	4.9	3.2	3.2	4.7	3.2	2.1	4.6	
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	
Topsoil moisture													
Very short	0	0	0	0	0	0	1	6	5	1	1	6	
Short	0	0	2	0	2	6	5	24	26	5	6	21	
Adequate	44	69	81	71	59	83	84	65	63	68	68	68	
Surplus	56	31	17	29	39	11	10	5	6	26	25	5	
Subsoil moisture													
Very short	0	0	0	0	0	1	3	20	12	3	3	4	
Short	0	0	1	1	6	12	11	34	52	9	10	15	
Adequate	44	66	87	82	64	79	80	44	36	66	67	77	
Surplus	56	34	12	17	30	8	6	2	0	22	20	4	

IOWA PRELIMINARY WEATHER SUMMARY

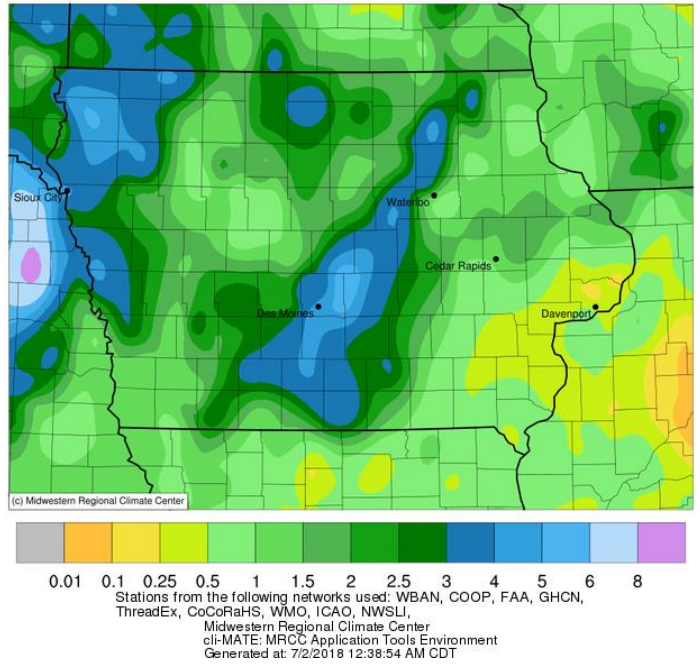
Provided by Justin Glisan, Ph.D., State Climatologist
Iowa Department of Agriculture and Land Stewardship

The week began as a continuation of the previous week's active convective pattern across much of Iowa. A low pressure system over Nebraska streamed moisture and instability into the region, leading to widespread thunderstorms over the western two-thirds of the state on Monday (25th). Flash flood warnings were still active in northwest Iowa from the weekend. In the early evening, Delphos (Ringgold County) reported a rain-wrapped tornado lofting debris into the air; this thunderstorm moved northward into central Iowa. However, no damage occurred. Many stations in central Iowa reported rainfalls of up to 2.5 inches from a slow moving line on Tuesday (26th), as Iowa's eastern third saw spotty thunderstorms. Waterloo reported 1.87 inches of rain. Temperatures were cooler than normal, with average highs departing by three to six degrees east to west through the 27th. Audubon recorded a high temperature 12 degrees below normal, at 71 degrees. A cluster of severe storms rapidly moved through the state on Thursday (28th) from Harrison County to Lee County, leaving behind over 40 reports of severe straight-line winds and hail. Heat returned to the state late in the week through the weekend, with highs in the mid-90s Friday and Saturday across a large portion of Iowa. Heat indices reach the triple digits across Iowa's southern half. Logan, in Harrison County, observed the week's high temperature at 98 degrees on Friday (29th). Thunderstorms, many with severe wind and hail reports, returned on Saturday (30th) as a cold front moved across the state. Ankeny, in Polk County, reported 10 inches, as torrential rainfall covered much of the Des Moines metro area. Sunday was the nicest day of the week. Temperatures moderated into the low to mid 80s in the northwest to low 90s in the southeast, with ample sunshine.

Average Temperature (°F): Departure from 1981-2010 Normals
June 25, 2018 to July 01, 2018



Accumulated Precipitation (in)
June 25, 2018 to July 01, 2018



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