



# Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending June 3, 2018  
Issued June 4, 2018

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Warm weather with variable precipitation helped crop development across the State during the week ending June 3, 2018, according to the USDA, National Agricultural Statistics Service. Statewide there were **5.0 days suitable for fieldwork**. Activities for the week included cutting and baling hay, planting and spraying.

**Topsoil moisture** levels rated 4 percent very short, 15 percent short, 75 percent adequate and 6 percent surplus. **Subsoil moisture** levels rated 4 percent very short, 15 percent short, 74 percent adequate and 7 percent surplus. Although south central Iowa subsoil moisture supplies improved slightly, over seventy percent remains short to very short.

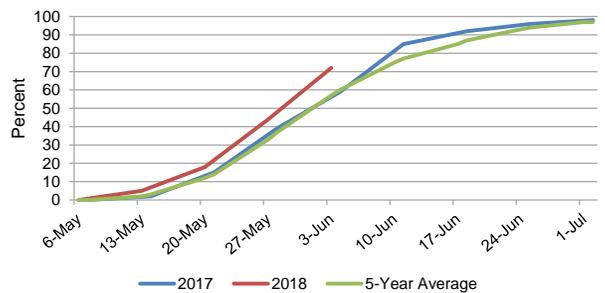
Nearly all of the **corn** crop has been planted, with 91 percent of the crop emerged. Eighty-one percent of the corn crop was rated in good to excellent condition. **Soybean** growers have 93 percent of the expected crop planted, 12 days ahead of the 5-year average. Seventy-two percent of soybeans have emerged, 4 days ahead of last year. The first soybean condition rating of the season came in at 0 percent very poor, 1 percent poor, 19 percent fair, 63 percent good, and 17 percent excellent. Ninety-eight percent of the expected **oat** crop has emerged, with 19 percent headed, equal to the average. Eighty-two percent of the oat crop was rated in good to excellent condition.

**Hay conditions** improved to 69 percent rated good to excellent. **Pasture conditions** also improved to 63 percent rated good to excellent. Warm temperatures and periods of rain continue to fuel pasture and hay development. Above normal temperatures caused stress for cattle.

## Crop Condition as of June 3, 2018

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn .....	0	2	17	60	21
Hay, all .....	2	3	26	52	17
Oats .....	0	2	16	66	16
Soybeans .....	0	1	19	63	17
Pasture and range.....	3	7	27	50	13

Soybeans Emerged - Iowa  
For the First Week of June



## Field Work and Crop Progress as of June 3, 2018

Item	Districts										State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE					
Corn emerged .....	87	82	88	94	96	97	91	98	89	91	77	89	88	
Hay, alfalfa, first cutting .....	39	42	35	49	60	76	38	45	64	50	22	49	33	
Oats headed.....	12	7	12	17	26	31	48	14	18	19	4	24	19	
Soybeans planted.....	88	88	88	94	97	97	96	98	97	93	81	89	81	
Soybeans emerged.....	59	58	63	75	87	83	66	86	81	72	44	59	57	

## Days Suitable for Fieldwork and Soil Moisture Supplies as of June 3, 2018

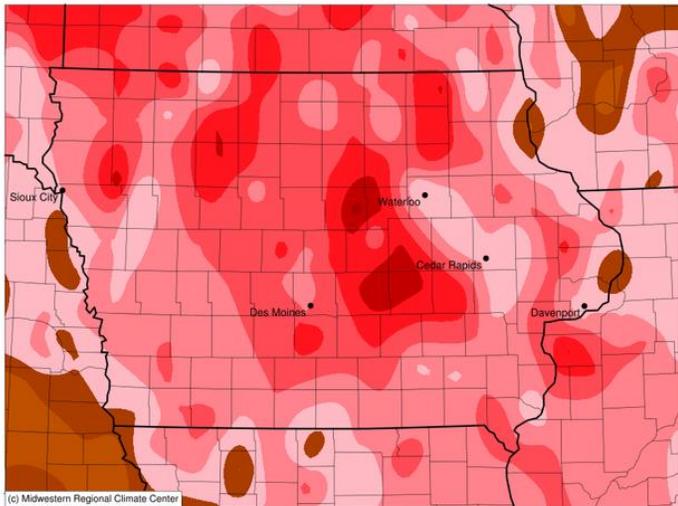
Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable .....	4.6	4.6	4.4	4.4	5.4	5.8	5.4	5.6	5.9	5.0	5.1	6.0	
Topsoil moisture	(days)												
Very short .....	1	1	0	0	2	2	12	16	11	4	3	0	
Short .....	2	3	3	6	22	19	19	44	43	15	12	9	
Adequate .....	83	87	88	89	71	74	69	40	46	75	77	85	
Surplus .....	14	9	9	5	5	5	0	0	0	6	8	6	
Subsoil moisture	(percent)												
Very short .....	0	0	0	0	3	4	6	30	11	4	5	0	
Short .....	1	1	2	6	17	26	25	41	49	15	12	3	
Adequate .....	84	84	87	89	76	65	68	29	40	74	74	87	
Surplus .....	15	15	11	5	4	5	1	0	0	7	9	10	

# IOWA PRELIMINARY WEATHER SUMMARY

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

The last week of May capped off one of the warmest Mays on record as temperatures were 10°F -14°F above normal. Hawarden, Perry, and Pocahontas recorded the highest temperature of 102°F on the 28<sup>th</sup>. The 29<sup>th</sup> through June 1<sup>st</sup> saw hot conditions across much of the state, with average high temperatures up to 14°F degrees above normal. These temperatures, combined with calm winds, created stagnant atmospheric conditions, leading to a statewide air quality alert on the 1<sup>st</sup>. Near normal temperatures returned on the weekend. Iowa saw thunderstorm activity on four of the seven days during the week, with widespread measurable precipitation totals on Memorial Day (28<sup>th</sup>), the 29<sup>th</sup>, 30<sup>th</sup> and June 2<sup>nd</sup>. The northeast corner of Iowa received between 0.75 and 1.25 inches of rain on the 30<sup>th</sup> (about 125 – 300% above normal) as leftover moisture from Subtropical Storm Alberto filtered into the state. On the 2<sup>nd</sup>, a cold front moved through Iowa during the morning hours and brought much needed rain to the southern third of the state. The front also brought statewide temperatures back to near normal values. Little Sioux, in Harrison County, recorded the most rainfall for the week with 4.25 inches. Severe weather occurred across the state on four days. Mason City had large hail and severe straight-line winds causing tree damage on the 28<sup>th</sup>. Weak land spouts briefly touched down in Pocahontas and Green Counties, while quarter size hail was reported in Maxwell and Collins (Story County). The 29<sup>th</sup> was the most active day, with 35 severe weather reports; multiple severe straight-line wind events were observed in western Iowa, with a land spout in Story County. On both the 1<sup>st</sup> and 2<sup>nd</sup> of June, there were reports of severe winds causing tree damage in Butler County and a blown-over semi in Blencoe.

**Average Temperature (°F): Departure from 1981-2010 Normals**  
May 28, 2018 to June 03, 2018

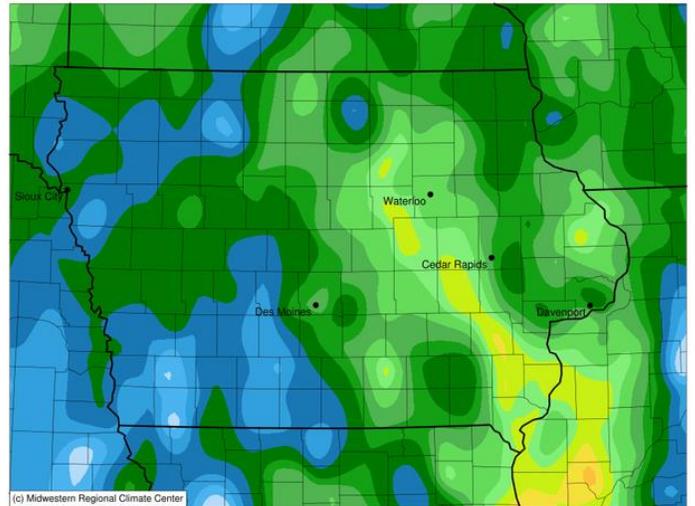


(c) Midwestern Regional Climate Center

0 5 10 15

Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 6/4/2018 7:51:48 AM CDT

**Accumulated Precipitation (in)**  
May 28, 2018 to June 03, 2018



(c) Midwestern Regional Climate Center

0.01 0.05 0.1 0.2 0.3 0.5 0.75 1 1.5 2 2.5 3 4

Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
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Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>