



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending June 24, 2018
Issued June 25, 2018

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Another week of storms which delivered heavy precipitation across much of Iowa resulted in just **2.1 days suitable for fieldwork** during the week ending June 24, 2018, according to the USDA, National Agricultural Statistics Service. Activities for the week included checking rain gauges, assessing flood damage, harvesting hay, and applying post-emergent herbicides when weather permitted.

Topsoil moisture levels rated 1 percent very short, 6 percent short, 68 percent adequate and 25 percent surplus. **Subsoil moisture** levels rated 3 percent very short, 10 percent short, 67 percent adequate and 20 percent surplus. Heavy rainfall left many fields ponded and caused flooding in some northern counties. In south central Iowa the topsoil moisture supplies rated adequate to surplus reached 66 percent; the highest percentage in these categories since the week ending June 4, 2017.

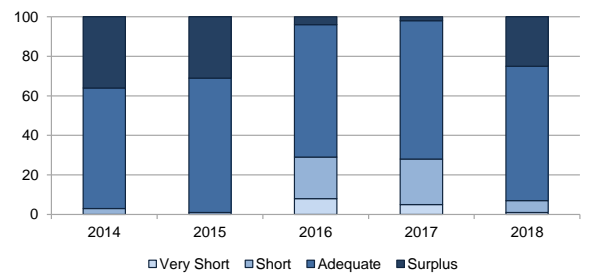
Eighty-one percent of the **corn** crop was rated in good to excellent condition. Nearly all of the **soybean** crop has emerged with 4 percent of the crop blooming, 3 days ahead of both last year and the 5-year average. Seventy-nine percent of the soybean crop was rated in good to excellent condition. Eighty-four percent of the **oat** crop has headed, 3 days ahead of average. Eighty percent of the oat crop was rated in good to excellent condition.

With the first cutting of **alfalfa hay** nearing completion, the second cutting reached 8 percent complete. Putting up hay was a challenge this week due to persistent precipitation. **Hay condition** rated 73 percent good to excellent. **Pasture conditions** rated 67 percent good to excellent. Heat and high humidity continued to stress livestock. Muddy conditions have made feedlot operations difficult.

Crop Condition as of June 24, 2018

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	1	3	15	57	24
Hay, all	1	5	21	56	17
Oats	0	2	18	65	15
Soybeans	1	3	17	59	20
Pasture and range.....	2	7	24	53	14

Topsoil Moisture Supplies - Iowa
For the Third Week of June



Field Work and Crop Progress as of June 24, 2018

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Hay, alfalfa, first cutting	98	95	93	98	99	100	94	96	93	96	90	97	87
Hay, alfalfa, second cutting	12	7	10	6	7	8	10	3	14	8	3	9	7
Oats headed.....	66	57	79	69	99	96	99	90	87	84	64	82	79
Oats coloring.....	1	1	3	3	3	4	18	10	14	6	(NA)	9	8

(NA) Not available.

Days Suitable for Fieldwork and Soil Moisture Supplies as of June 24, 2018

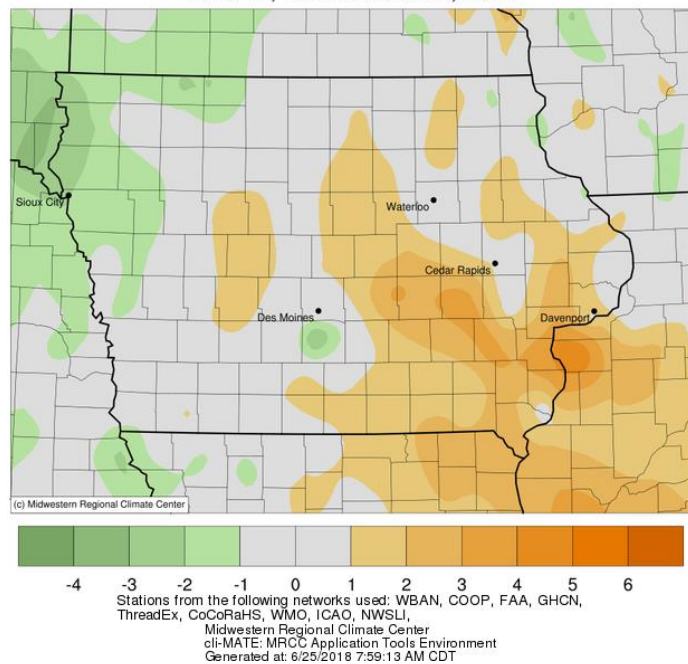
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	0.9 (days)	1.1 (days)	3.0 (days)	1.3 (days)	2.2 (days)	2.3 (days)	3.0 (days)	3.3 (days)	3.1 (days)	2.1 (days)	4.7 (days)	5.3 (days)
Topsoil moisture	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Very short	0	0	0	1	0	0	2	7	5	1	4	5
Short	0	0	0	3	5	4	6	27	24	6	15	23
Adequate	50	78	80	71	55	77	83	65	63	68	72	70
Surplus	50	22	20	25	40	19	9	1	8	25	9	2
Subsoil moisture	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Very short	0	0	0	0	1	0	3	25	18	3	5	3
Short	0	0	0	2	9	13	13	36	53	10	16	15
Adequate	53	71	86	83	58	76	81	38	29	67	71	79
Surplus	47	29	14	15	32	11	3	1	0	20	8	3

IOWA PRELIMINARY WEATHER SUMMARY

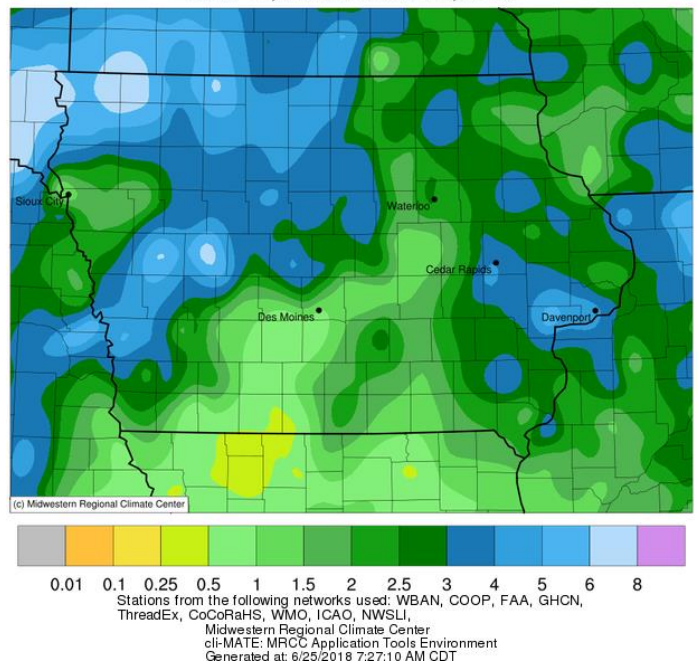
Provided by Justin Glisan, Ph.D., State Climatologist
Iowa Department of Agriculture and Land Stewardship

Iowa experienced a pronounced pattern shift from previous weeks that brought measurable precipitation to the state. This active pattern produced both flash and short-term flooding across northwestern and western Iowa. On Monday (18th), a stationary boundary situated over northwest Iowa fired up storms in the early morning and late afternoon hours. Council Bluffs recorded 5.52 inches of rain on the 19th, as thunderstorms moved through southern Iowa. A low pressure system moved in on the 20th, bringing heavy rain to the state's northwestern corner; flood warnings were issued in multiple counties, including Clay, Dickinson, and Osceola. As the day progressed, a line of severe thunderstorms formed in central Iowa and raced towards the north and east. There were multiple reports of severe winds, hail, and weak tornadoes, with Perry and Scranton observing snapped and uprooted trees. On Thursday (21st), flood warnings encompassed six counties in the northwest as the low propagated south. Isolated thunderstorms popped up in central Iowa that evening. Friday (22nd) and Saturday (23rd) saw relatively quiet conditions across the state, while thunderstorms (some severe) returned on Sunday to central Iowa. A slow-moving line stretched from Centerville northwest to Le Mars bringing accumulations of up to two inches near Sioux City. In terms of temperature, the week began with highs averaging 4-8 degrees above normal. Donnellson, in Lee County, observed highs of 96 degrees (18th) and 98 degrees (19th), almost 14 degrees above normal. Midweek saw temperatures fall below normal, with average departures up to eight degrees in the north and west. Sioux Center (Sioux County) reported a high of 65 degrees on the 21st, which was almost 20 degrees below normal. The week ended unseasonably cool with average highs 10 to 12 degrees below normal in Iowa's southern third; statewide average temperatures were in the low 70s.

Average Temperature (°F): Departure from 1981-2010 Normals
June 18, 2018 to June 24, 2018



Accumulated Precipitation (in)
June 18, 2018 to June 24, 2018



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