



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending June 17, 2018
Issued June 18, 2018

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Above normal temperatures were felt throughout Iowa with severe storms hampering fieldwork and causing some localized damage during the week ending June 17, 2018, according to the USDA, National Agricultural Statistics Service. Statewide there were **4.7 days suitable for fieldwork**. Activities for the week included harvesting hay, delivering grain, re-planting storm damaged fields and applying post-emergent herbicides.

Topsoil moisture levels rated 4 percent very short, 15 percent short, 72 percent adequate and 9 percent surplus. **Subsoil moisture** levels rated 5 percent very short, 16 percent short, 71 percent adequate and 8 percent surplus. While rain fell over much of the State, in south central Iowa the percentage rated very short for both topsoil and subsoil moisture levels increased over the past week.

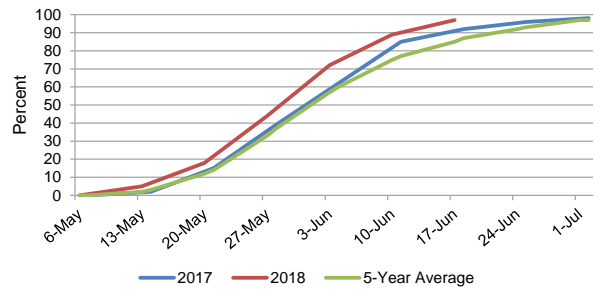
With virtually all of the **corn** crop emerged, 84 percent was rated in good to excellent condition. Ninety-seven percent of the **soybean** crop has emerged, 2 weeks ahead of average. Eighty percent of the soybean crop was rated in good to excellent condition. Sixty-four percent of the **oat** crop has headed, 2 days ahead of average. Eighty-three percent of the oat crop was rated in good to excellent condition.

Hay condition improved to 73 percent good to excellent. **Pasture conditions** rated 64 percent good to excellent. Scorching temperatures and high humidity continued to stress livestock.

Crop Condition as of June 17, 2018

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	1	2	13	60	24
Hay, all	0	4	23	55	18
Oats	0	2	15	64	19
Soybeans	1	2	17	59	21
Pasture and range	2	6	28	49	15

Soybeans Emerged - Iowa
For the Third Week of June



Field Work and Crop Progress as of June 17, 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)
Hay, alfalfa, first cutting	94	92	81	93	98	99	88	89	89	90	76	93	74	
Oats headed	53	38	46	56	87	87	93	71	67	64	38	64	59	
Soybeans emerged	97	98	95	94	98	98	94	98	97	97	89	91	85	

Days Suitable for Fieldwork and Soil Moisture Supplies as of June 17, 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	4.9	4.2	4.1	4.3	4.3	5.5	4.9	5.5	5.2	4.7	5.1	5.2	
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	
Topsoil moisture													
Very short	1	0	0	1	1	3	9	22	14	4	4	5	
Short	4	2	4	14	17	22	20	34	45	15	15	22	
Adequate	79	83	87	77	66	73	70	43	36	72	71	71	
Surplus	16	15	9	8	16	2	1	1	5	9	10	2	
Subsoil moisture													
Very short	0	0	0	1	3	6	8	35	18	5	5	3	
Short	3	1	3	8	16	31	28	36	47	16	17	15	
Adequate	85	83	89	84	70	62	63	29	30	71	69	79	
Surplus	12	16	8	7	11	1	1	0	5	8	9	3	

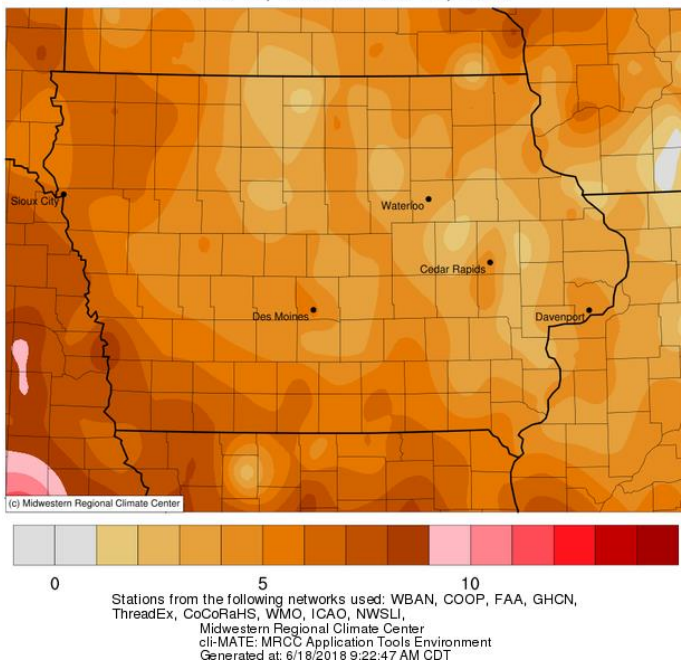
IOWA PRELIMINARY WEATHER SUMMARY

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

A wet start to the week greeted central Iowa as widespread thunderstorms moved through during the morning hours of the 11th. The storms advanced through western Iowa, producing measurable rainfall. Later that afternoon and evening, a line of severe supercell thunderstorms moved from western Iowa and quickly weakened as they propagated across the state; three semis were blown over and multiple farm buildings were damaged in Thurman (Fremont County). Southeastern Iowa also received measurable rain, though still well below normal. On the 12th, isolated thunderstorms, some severe, moved through north central and northwestern Iowa, ahead of a cold front. High pressure moved into the state on the 13th, bringing calm conditions. In the early morning hours of the 14th, widespread thunderstorms broke out across the middle of Iowa, along a warm front. A portion of the state between Sheldon and Ames experienced flash flooding from slow moving storms. Ames had the highest one-day precipitation total for the week at 4.25 inches. There were a few reports of severe hail, including two inches in Webster County. Much of east and southeast Iowa also received afternoon rainfall from the same system. Ottumwa reported 1.77 inches from two lines of storms. Northwest Iowa saw spotty thunderstorms over the weekend; a few severe wind reports for western Iowa on the 17th. Temperature-wise, the week began 6-8 degrees above normal in southern Iowa. Lamoni observed 91 degrees (11th) and Shenandoah reported 94 degrees on the 12th. Midweek saw statewide temperatures averaging in the mid-80s, six degrees above normal. A heatwave ended the week with average highs in the mid 90s, 10-14 degrees above average. Heat indices were in the low triple digits, as dew point temperatures pushed into the 70s. Little Sioux observed the highest temperature of 99 degrees on the 17th.

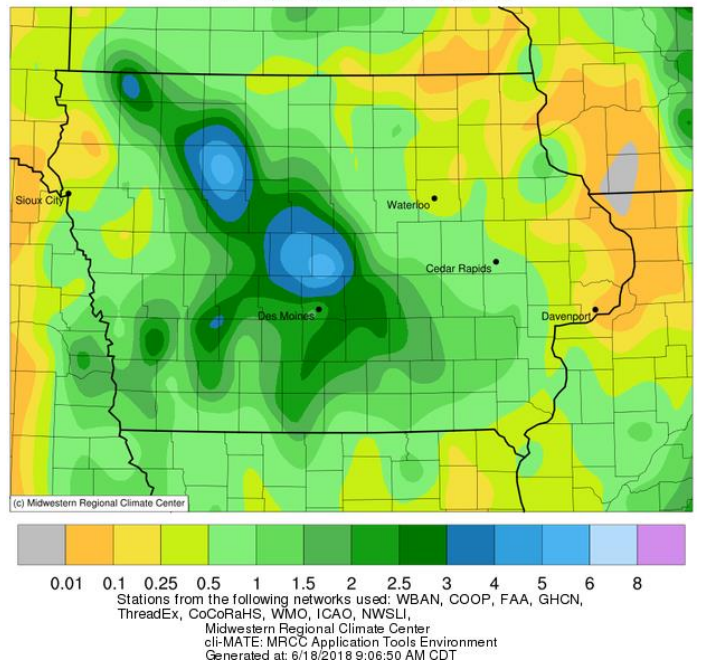
Average Temperature (°F): Departure from 1981-2010 Normals

June 11, 2018 to June 17, 2018



Accumulated Precipitation (in)

June 11, 2018 to June 17, 2018



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