



Iowa Crop Progress & Condition

Upper Midwest Regional Field Office · 210 Walnut Street Ste 833 · Des Moines IA 50309 · (515) 776-3400 · (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 September 2, 2018
Issued September 4, 2018

Media Contact: Greg Thessen

Widespread rainfall meant Iowa farmers had just **2.7 days suitable for fieldwork** during the week ending September 2, 2018, according to the USDA, National Agricultural Statistics Service. Activities for the week included cutting hay, chopping corn silage, and moving grain.

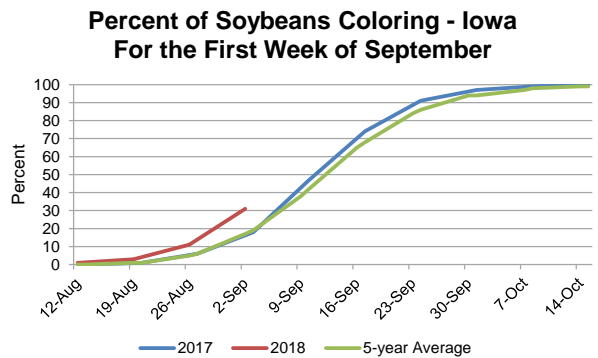
Topsoil moisture levels rated 4 percent very short, 6 percent short, 69 percent adequate and 21 percent surplus. **Subsoil moisture** levels rated 6 percent very short, 9 percent short, 71 percent adequate and 14 percent surplus. Much of southern Iowa received multiple inches of rain over the past week, easing moisture concerns in some areas although levels are still mostly short to very short.

Ninety-five percent of the **corn** crop has reached the dough stage or beyond with 77 percent dented or beyond, over a week ahead of both last year and the 5-year average. Fifteen percent of the corn crop was mature, 8 days ahead of average. There were a few reports of corn harvested for grain. Corn condition rated 74 percent good to excellent. Almost one-third of the **soybean** crop was coloring with 4 percent dropping leaves. Soybean condition rated 72 percent good to excellent.

The third cutting of **alfalfa hay** was 79 percent complete, now over a week behind the previous year as weather conditions allowed for little progress in cutting hay. **Pasture conditions** improved to 47 percent good to excellent.

Crop Condition as of September 2, 2018

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	2	6	18	53	21
Soybeans	2	6	20	53	19
Pasture and range	7	15	31	42	5



Field Work and Crop Progress as of September 2, 2018

Item	Districts									State (percent)	Last Week (percent)	Last Year (percent)	5-yr Avg (percent)
	NW (percent)	NC (percent)	NE (percent)	WC (percent)	C (percent)	EC (percent)	SW (percent)	SC (percent)	SE (percent)				
Corn dough	95	97	88	95	99	97	97	99	93	95	92	93	91
Corn dented	81	72	61	78	78	89	84	90	76	77	63	57	59
Corn mature	9	3	11	14	19	26	21	33	15	15	7	3	5
Hay, alfalfa, third cutting	88	67	66	79	88	86	85	75	92	79	75	90	76
Soybeans coloring	25	19	22	34	42	52	29	24	24	31	11	16	17

Days Suitable for Fieldwork and Soil Moisture Supplies as of September 2, 2018

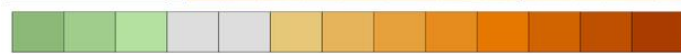
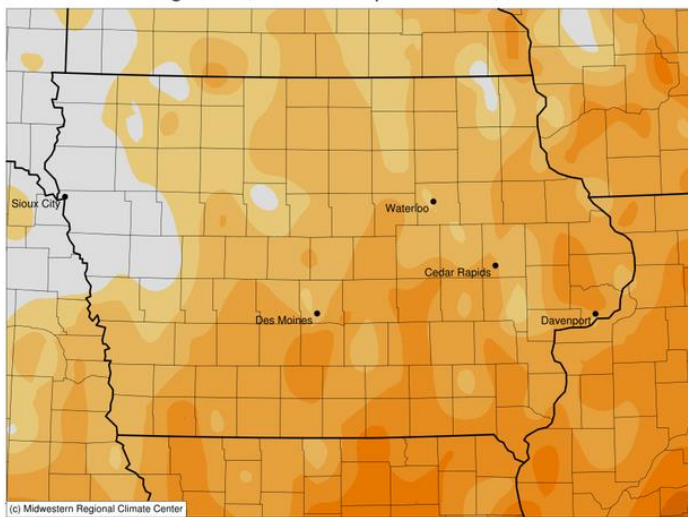
Item	Districts									State (days)	Last Week (days)	Last Year (days)
	NW (days)	NC (days)	NE (days)	WC (days)	C (days)	EC (days)	SW (days)	SC (days)	SE (days)			
Days suitable	3.9	2.7	2.3	2.0	1.6	2.9	2.3	3.6	3.5	2.7	4.0	6.2
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	0	2	0	4	1	29	18	4	7	13
Short	3	2	2	2	2	7	4	33	14	6	14	27
Adequate	78	80	79	70	59	72	75	30	65	69	70	59
Surplus	19	18	19	26	39	17	20	8	3	21	9	1
Subsoil moisture												
Very short	0	0	0	2	0	2	1	45	34	6	8	17
Short	2	2	3	4	5	10	16	39	32	9	16	31
Adequate	85	85	79	71	71	80	74	14	33	71	70	52
Surplus	13	13	18	23	24	8	9	2	1	14	6	0

IOWA PRELIMINARY WEATHER SUMMARY

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

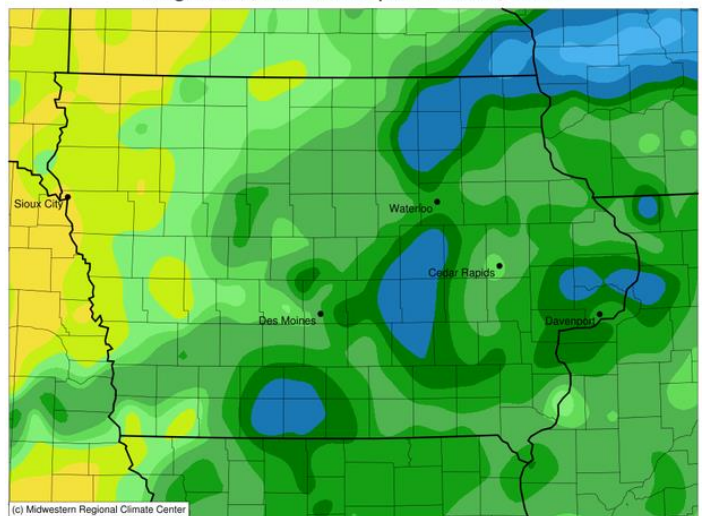
The final week of August was warmer and wetter than normal. Many locations received rainfall between two to four inches above normal, including drought-stricken areas in southern Iowa. Average temperatures were up to four degrees warmer than normal. A series of convective systems moved across Iowa on Monday (27th) bringing moderate rainfall to much of the eastern two-thirds of the state. The northern-most tier of counties also experienced severe thunderstorm with heavy rain; Cresco (Howard County) observed 3.32 inches. There were multiple reports of hail from Sioux to Palo Alto counties, with three-inch diameter hail in Ayrshire. Tuesday (28th) was also an active weather day as a strong cold front swept through the state, bringing severe thunderstorms and locally heavy rain to northern and southeastern Iowa. Over 30 stations recorded rainfall above one inch, with Keokuk (Lee County) reporting 4.90 inches. High pressure moved into Iowa on Wednesday (29th) bringing generally clear skies and cooler temperatures. This pattern persisted into Thursday (30th) as the high moved across the state. Average highs were unseasonably cool, ranging from the low 70s in the north to mid-70s and low 80s in the south. Friday (31st), Saturday (1st) and Sunday (2nd) saw waves of showers and thunderstorms across Iowa, with many locations reporting multiple inches of rain. Traer (Tama County) observed 5.42 inches on Saturday; Montezuma (Poweshiek County) reported 5.16 inches on Sunday. There were also multiple reports of severe hail and straight-line winds across 11 counties. Two-inch diameter hail was reported in Cass County on Friday and in Polk County on Saturday. Tree damage from severe high winds was observed in Dubuque (Dubuque County) on Sunday. Average highs over the weekend were generally a few degrees warmer than normal, with Lamoni (Decatur County) observing 91 degrees on Sunday.

Average Temperature (°F): Departure from 1981-2010 Normals
August 27, 2018 to September 02, 2018



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 9/4/2018 11:58:30 AM CDT

Accumulated Precipitation (in)
August 27, 2018 to September 02, 2018



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 9/4/2018 11:56:39 AM CDT

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