



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending August 18, 2019
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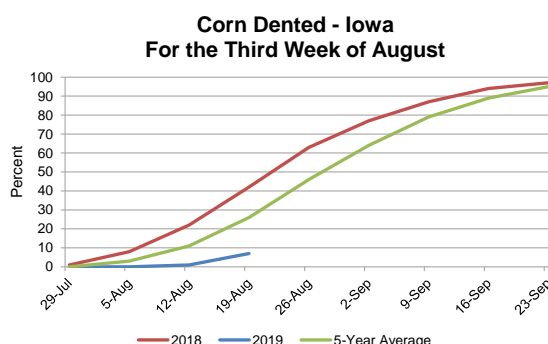
Media Contact: Greg Thessen

Much needed rain fell across parts of Iowa during the week ending August 18, 2019, according to the USDA, National Agricultural Statistics Service. Statewide there were **5.5 days suitable for fieldwork**. Fieldwork activities included scouting, spraying fungicides and insecticides and harvesting hay and oats.

Topsoil moisture condition was rated 6 percent very short, 25 percent short, 67 percent adequate and 2 percent surplus. Rain this past week helped improve topsoil moisture conditions except for the southeast district which remained at 64 percent short to very short. **Subsoil moisture** condition was rated 4 percent very short, 23 percent short, 71 percent adequate and 2 percent surplus.

Nearly all the **corn** crop has begun to silk at 96 percent statewide. Fifty-nine percent of the crop reached the dough stage, 12 days behind last year and 9 days behind the 5-year average. Seven percent of the crop reached the dented stage, 2 weeks behind last year and 10 days behind average. Corn condition rated 65 percent good to excellent. Ninety-three percent of the **soybean** crop has started to bloom, 2 weeks behind last year and 10 days behind average. Seventy-one percent of the crop has started setting pods, 17 days behind last year and nearly 2 weeks behind average. Soybean condition declined slightly from the previous week to 61 percent good to excellent. **Oats** harvested for grain has almost wrapped up at 97 percent complete statewide.

The second cutting of **alfalfa hay** was nearly complete at 96 percent. The third cutting of alfalfa hay reached 36 percent, 9 days behind average. **Hay condition** rated 55 percent good to excellent. **Pasture condition** declined for the seventh straight week and rated a season low 42 percent good to excellent. Comments mentioned pasture regrowth has been slow and supplemental hay feeding has been used due to drier than normal pasture conditions. Some livestock have struggled with continued temperature fluctuations.



Crop Condition as of August 18, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	3	7	25	54	11
Hay, all	3	10	32	47	8
Soybeans	3	8	28	51	10
Pasture and range	6	15	37	39	3

Crop Progress as of August 18, 2019

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Corn silking	96	99	99	97	99	97	85	94	94	96	92	100	99
Corn dough	40	64	68	64	70	63	52	50	46	59	41	83	80
Corn dented	4	3	4	12	10	10	10	9	8	7	1	39	26
Hay, alfalfa, second cutting	95	99	99	98	99	97	91	95	96	96	92	100	98
Hay, alfalfa, third cutting	58	49	52	41	53	30	30	18	28	36	25	63	56
Oats harvested	95	97	98	96	96	99	95	98	93	97	89	95	97
Soybeans blooming	93	99	98	98	98	92	83	80	89	93	87	98	97
Soybeans setting pods	74	87	75	76	83	69	51	52	49	71	56	92	89

Days Suitable for Fieldwork and Soil Moisture Condition as of August 18, 2019

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable	5.9	5.3	5.0	5.1	5.9	6.2	4.8	5.4	6.1	5.5	5.9	5.1
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	1	1	1	7	5	12	0	5	24	6	7	11
Short	11	14	31	15	28	42	22	44	40	25	29	19
Adequate	85	85	66	72	67	46	76	51	36	67	62	64
Surplus	3	0	2	6	0	0	2	0	0	2	2	6
Subsoil moisture												
Very short	0	2	1	7	2	14	0	4	9	4	4	10
Short	6	11	19	18	23	39	22	38	50	23	23	19
Adequate	90	86	77	72	75	47	73	58	41	71	70	66
Surplus	4	1	3	3	0	0	5	0	0	2	3	5

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

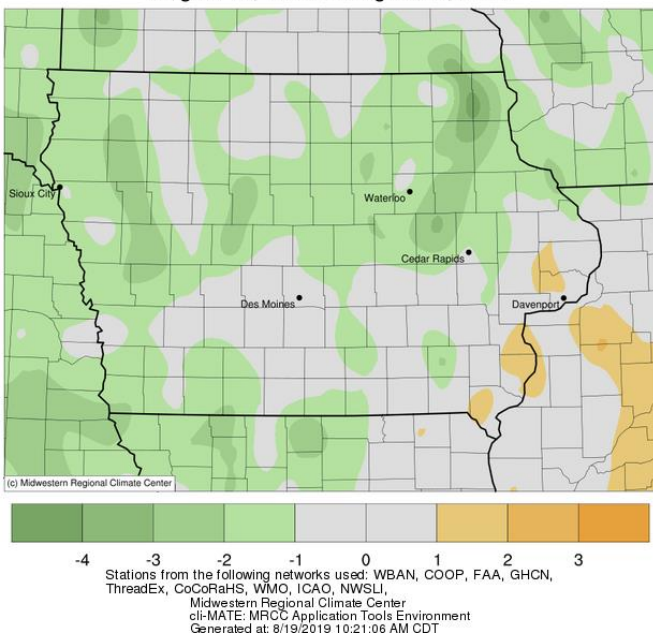
After a three-week stretch of drier than normal conditions across the state, portions of southern and western Iowa received above average rainfall; the remaining parts of the state were near normal. Temperatures were slightly cooler than average with departures of one to two degrees below average across the state. The statewide average temperature was 70.9 degrees, 1.3 degrees below normal.

A low pressure system continued to move across Iowa through the afternoon on Sunday (11th) bringing measurable rainfall from showers and thunderstorms. There were locally heavy downpours with a stronger line of storms in southwest Iowa. Cloudy conditions kept temperatures below average, generally in the upper 70s to low 80s. A second low pressure system propagated through Iowa early on Monday (12th) morning bringing another wave of thunderstorms. As of 7:00 am, over 35 stations reported totals above an inch with Oakland (Pottawattamie County) reporting the highest 24-hour total of 2.82 inches. The average statewide rainfall was 0.39 inch. The system continued through eastern Iowa through the afternoon leaving behind 0.25 to 0.75 inch of rain in the northeast and southeast corners with isolated totals above an inch. Centerville (Appanoose County) reported 1.98 inches while Guttenberg Lock and Dam (Clayton County) observed 1.30 inches. The system cleared the state overnight into Tuesday (13th) with lows dropping into the mid to upper 60s. Dense fog was also reported in central Iowa. Isolated strong storms clipped Iowa's northeastern corner during the evening hours leaving behind rain totals ranging from 0.30 inch in Dubuque (Dubuque County) to 0.71 inch in Decorah (Winneshiak County).

A weak cold front dropped through Iowa early Wednesday (14th), producing unseasonably cool but pleasant conditions. The statewide average high was 75 degrees, eight degrees below average. Isolated showers formed on the backside of a low pressure system over the Great Lakes, bringing light rain across eastern Iowa. Totals were generally under a tenth of an inch. Cooler conditions prevailed Thursday (15th) under partly to mostly sunny skies. Highs stayed in the upper 70s and low 80s. Daytime temperatures on Friday (16th) remained seasonal with a light variable wind. Rain moved into southern Iowa on Saturday (17th) morning along with isolated thunderstorms throughout the day. Chariton (Lucas County) reported 0.95 inch of rain. A squall line ahead of a cold front brought much needed rain to Iowa on Saturday night into Sunday (18th) morning. Totals across the state were above one inch at over 60 stations with isolated two-inch totals at several stations. There were also preliminary reports of a brief tornado in Rock Rapids (Lyon County) as well as in Grand Mound (Clinton County). Several severe straight-line wind events were reported in northwestern Iowa.

Weekly rainfall totals ranged from 0.24 inch in Charles City (Floyd County) to 4.97 inches in Atlantic (Cass County). The statewide weekly average precipitation was 1.45 inches while the normal is 0.98 inch. The week's high temperature of 89 degrees was reported on the 13th in Donnellson (Lee County) and Keosauqua (Van Buren County), on average three degrees above normal. Cresco (Howard County) reported the week's low temperature of 50 degrees on the 15th, seven degrees below average.

Average Temperature (°F): Departure from 1981-2010 Normals
 August 12, 2019 to August 18, 2019



Accumulated Precipitation (in)
 August 12, 2019 to August 18, 2019

