



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending October 27, 2019
Issued October 28, 2019

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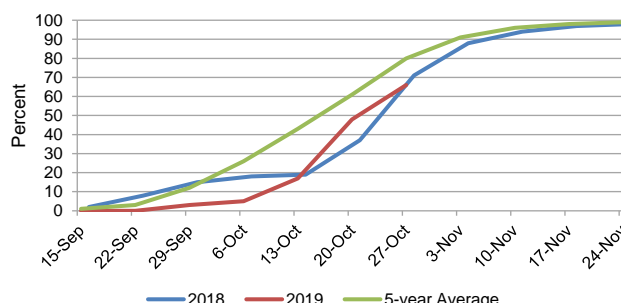
Harvest progressed across Iowa as farmers had **4.1 days suitable for fieldwork** during the week ending October 27, 2019, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included harvesting soybeans and corn for grain, spreading manure, applying anhydrous and baling corn stalks.

Topsoil moisture condition was rated 0 percent very short, 1 percent short, 81 percent adequate and 18 percent surplus. **Subsoil moisture** condition was rated 0 percent very short, 2 percent short, 80 percent adequate and 18 percent surplus.

Ninety-five percent of the **corn** crop has reached maturity, nearly 2 weeks behind average. Twenty-six percent of the crop has been harvested for grain, 8 days behind last year and 11 days behind average. Moisture content of field corn being harvested for grain was at 21 percent. Corn condition rated 67 percent good to excellent. Ninety-seven percent of the **soybean** crop has begun dropping leaves or beyond, 10 days behind average. Sixty-six percent of the crop has been harvested, equal to last year but 6 days behind average.

Most of the State's pasture regrowth has gone dormant with cooler temperatures this past week. **Pasture condition** rated 48 percent good to excellent. Mud continues to be an issue in feedlots and some livestock have struggled with temperature fluctuations.

**Soybeans Harvested - Iowa
For the Fourth Week of October**



Crop Condition as of October 27, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	2	6	25	55	12
Pasture and range	3	10	39	44	4

Crop Progress as of October 27, 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 mature	93	99	93	88	97	97	95	96	97	95	87	100	99
Corn harvested for grain	32	26	18	21	23	36	19	23	44	26	15	46	53
Soybeans dropping leaves	98	99	98	98	99	96	93	90	96	97	94	100	100
Soybeans harvested	80	86	60	80	64	60	50	28	52	66	48	66	80

Days Suitable for Fieldwork and Soil Moisture Condition as of October 27, 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	3.5	3.5	3.5	4.0	3.8	4.6	5.3	4.3	5.9	4.1	5.1	5.8
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	1	0	0	0
Short	1	0	0	0	0	0	1	1	15	1	1	0
Adequate	86	89	81	82	77	74	79	68	77	81	78	79
Surplus	13	11	19	18	23	26	20	31	7	18	21	21
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	2	0	0	0
Short	1	0	0	0	0	0	2	1	18	2	2	1
Adequate	78	88	86	81	81	70	80	68	79	80	78	73
Surplus	21	12	14	19	19	30	18	31	1	18	20	26

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

Reports from the Iowa Department of Agriculture and Land Stewardship and maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time on October 21, 2019, through 7:00 A.M. Central Time on October 27, 2019.

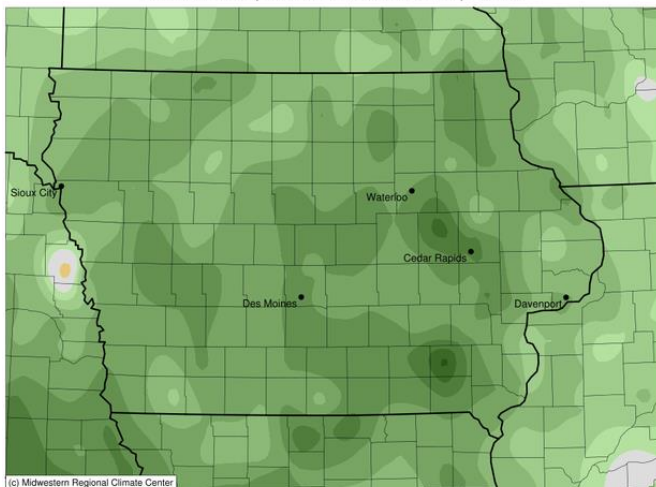
An active weather pattern brought above average rainfall to much of the state's north-central corridor with near to slightly below average totals across the rest of Iowa. Unseasonable coolness persisted across the state with temperature departure up to six degrees below average. The statewide average temperature was 42.5 degrees, 6.9 degrees colder than expected.

A narrow band of showers and a few embedded thunderstorms streamed into Iowa ahead of a low pressure system through the evening hours on Sunday (20th). The complex expanded and covered much of the state's eastern half into the early morning hours on Monday (21st). Another wave of showers formed across central Iowa and moved east as the low propagated to the northeast. Two-day rain totals were highest across central Iowa with Clive (Polk County) reporting 2.17 inches of rain. Over 100 stations reported totals at or above one inch with the statewide average at 0.73 inch. As the system moved into Wisconsin, additional showers formed on the backside of the low along with strong sustained winds out of the southwest, gradually shifting to a westerly direction. Wind speeds reached into the 20 to 30 mph range with higher five-second sustained wind gusts; Estherville Municipal Airport (Emmet County) reported a gust of 60 mph. The gusty winds gradually receded though the daytime hours on Tuesday (22nd) along with clearing skies. Highs reached into the low to mid 50s, up to 15 degrees cooler than average with the statewide high of 52 degrees, seven degrees below normal.

Rain showers moved through Iowa during the morning and afternoon hours on Wednesday (23rd) as a low pressure system moved through the state's southern half. Measurable totals were highest in northwestern Iowa with Storm Lake (Buena Vista County) reporting 0.40 inch. Totals across the rest of Iowa were generally between 0.10 inch and 0.30 inch. Daytimes highs were also well below normal, ranging from the 40s north to lower 60s south. Thursday (24th) and Friday (25th) were dry and unseasonably cold with partly to mostly sunny skies as a dome of high pressure dominated the Midwest. Thursday's highs peaked in the mid to upper 40s with overnight lows in the upper 20s and lower 30s; daytime highs on Friday rebounded into the middle 50s with winds out of the south. The remnants of Tropical Storm Olga brought light rain showers into southeastern Iowa during the afternoon hours on Saturday (26th). Partly cloudy conditions were observed across the rest of the state. Rain totals ranged from 0.06 inch in Muscatine (Muscatine County) to 0.34 inch at Le Claire Lock and Dam (Scott County). A weak cold front entered Iowa overnight into Sunday (27th) shifting winds and bringing cloud cover across western Iowa. Statewide overnight lows averaged 29 degrees, seven degrees below normal.

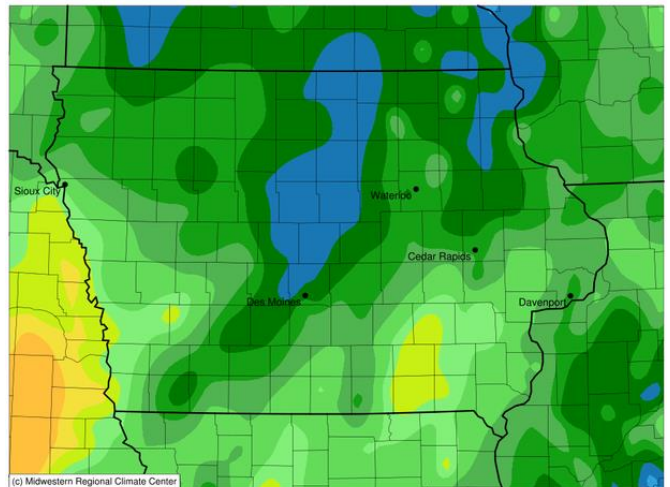
Weekly precipitation totals ranged from 0.10 inch at Sigourney (Keokuk County) to 2.25 inches in Clive (Polk County). The statewide weekly average precipitation was 0.88 inch, while the normal is 0.56 inch. The week's high temperature of 68 degrees was reported on the 21st in Burlington (Des Moines County), six degrees above average. Cresco (Howard County) reported the week's low temperature of 20 degrees on the 26th, 12 degrees below normal.

Average Temperature (°F): Departure from 1981-2010 Normals
 October 21, 2019 to October 27, 2019



-8 -3 2
 Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
 cti-MATE: MRCC Application Tools Environment
 Generated at: 10/28/2019 11:18:56 AM CDT

Accumulated Precipitation (in)
 October 21, 2019 to October 27, 2019



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
 cti-MATE: MRCC Application Tools Environment
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