



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 October 20, 2019
Issued October 21, 2019

Media Contact: Greg Thessen

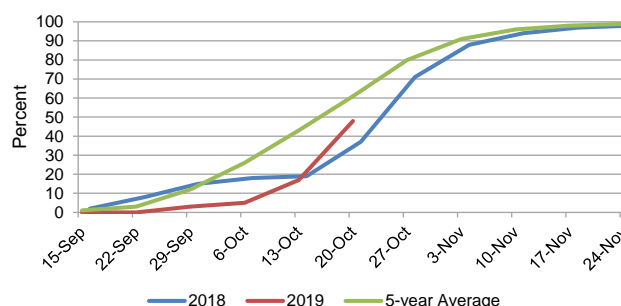
Field conditions throughout Iowa improved allowing farmers 5.1 **days suitable for fieldwork** during the week ending October 20, 2019, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included chopping silage; applying fertilizer and manure; and harvesting hay, seed corn, soybeans, and corn for grain.

Topsoil moisture condition was rated 0 percent very short, 1 percent short, 78 percent adequate and 21 percent surplus. **Subsoil moisture** condition was rated 0 percent very short, 2 percent short, 78 percent adequate and 20 percent surplus.

Eighty-seven percent of the **corn** crop has reached maturity, 3 weeks behind last year and over 2 weeks behind the 5-year average. Fifteen percent of the crop has been harvested for grain, 11 days behind average. Corn condition rated 66 percent good to excellent. Ninety-four percent of the **soybean** crop has begun dropping leaves or beyond, 9 days behind average. Over 30 percent of the State's expected soybean crop was harvested during the week ending October 20, 2019. This brought the total harvested to 48 percent statewide, 4 days ahead of last year but 5 days behind average. This marks the first time the 2019 soybean crop has been ahead of the 2018 soybean crop; harvest of last year's crop was also behind average due to wet field conditions. Soybean condition rated 65 percent good to excellent.

The third cutting of **alfalfa hay** is nearly complete at 97 percent, almost 3 weeks behind average. **Pasture condition** improved from the previous week to 50 percent good to excellent which was the highest rating since the first week of August. Feedlots remain muddy.

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



Crop Condition as of October 20, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	2	6	26	54	12
Soybeans	2	6	27	54	11
Pasture and range	2	10	38	45	5

Crop Progress as of October 20, 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	82	86	84	84	94	91	85	89	94	87	72	100	98
Corn harvested for grain	19	13	10	10	14	21	12	13	33	15	7	27	34
Hay, alfalfa, third cutting	99	99	99	98	99	96	96	96	96	97	92	100	100
Soybeans dropping leaves	96	99	95	97	97	89	88	83	88	94	85	98	98
Soybeans harvested	60	72	39	58	46	45	32	14	32	48	17	34	61

Days Suitable for Fieldwork and Soil Moisture Condition as of October 20, 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	5.3	5.3	3.8	5.2	5.1	5.2	5.2	4.2	5.9	5.1	3.1	4.4
	(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	1	0	1	1	0	12	1	1	0
Adequate	83	88	78	81	77	72	64	63	79	78	68	65
Surplus	16	12	22	18	23	27	35	37	8	21	31	35
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	1	0	0	0
Short	2	0	0	0	0	1	2	0	16	2	1	2
Adequate	75	89	84	81	82	70	65	67	81	78	73	61
Surplus	23	11	16	19	18	29	33	33	2	20	26	37

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 14, 2019, through 7:00 A.M. Central Time on October 20, 2019.

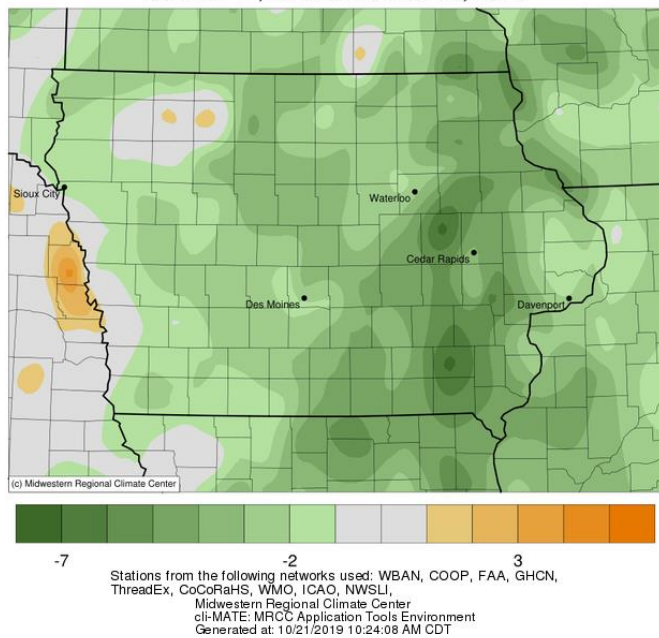
A notable pattern shift away from the recent active weather pattern to dominant high pressure systems across the Midwest brought unseasonably dry conditions across Iowa during the reporting period. Statewide precipitation departures were generally 0.60 to 0.80 inch below normal. Cooler than normal conditions also continued across Iowa with temperature departures up to six degrees below average. The statewide average temperature was 48.0 degrees, 2.8 degrees colder than expected.

Cloud cover gradually cleared from southwest to northeast through the afternoon and evening hours on Sunday (13th). Clear skies in southern Iowa allowed high temperatures to reach into the upper 50s and lower 60s. Temperatures across the rest of Iowa remained in the mid to upper 40s, up to 20 degrees below normal. The statewide average high was 51 degrees, 12 degrees cooler than expected. Overnight lows into Monday (14th) also remained below average as skies completely cleared. Calm winds across northern Iowa helped temperatures dip into the upper 20s and low 30s while southern Iowa experienced lows in the mid 30s. With high pressure dominating the Upper Midwest, southerly winds and clear skies produced pleasant conditions. Some stations in southwestern Iowa reported highs in the low 70s with upper 50s and low to mid 60s prevailing across the rest of the state. A weak low pressure system propagated across northern Iowa into Minnesota on Tuesday (15th). The attendant cold front swept across the state, producing gusty northwest winds. Daytime temperatures remained in the low 50s north to upper 50s south. Wednesday was an unseasonably cool day statewide as a cold air mass sat over Iowa. Cloudy skies and northwesterly winds held daytime temperatures in the mid to upper 40s with low 50s in southeastern Iowa. Skies cleared into Thursday (17th) as another high pressure system moved into Iowa allowing highs to reach into the 60s across the state. Overnight lows dropped into the mid to upper 40s, up to 11 degrees below normal

Friday (18th) was an unseasonably warm day under sunny skies. High temperatures reached in the low to mid 70s, up to 16 degrees warmer than expected with the average statewide high of 70 degrees. Strong and sustained southerly winds were in the general range of 20 to 30 mph with gusts topping 40 mph; Shenandoah Municipal Airport (Page County) reported a peak wind gust of 45 mph. Winds shifted to a northerly direction during late evening and overnight into Saturday (19th) as a cold front began pushing through Iowa. Light rain showers accompanied the front, bringing the first measurable rainfall of the reporting period to Iowa's western half. Totals at 7:00 am ranged from 0.10 inch across many stations to 0.26 inch in Corning (Adams County). The front cleared the state during the evening hours. Clearing conditions behind the system allowed highs to reach into the mid 60s across western Iowa with temperatures in the mid to upper 50s where cloud cover was present.

Weekly precipitation totals ranged from no accumulation at multiple stations to 0.59 inch at Ames Municipal Airport (Story County). The statewide weekly average precipitation was 0.12 inch, while the normal is 0.56 inch. The week's high temperature of 78 degrees was reported on the 18th at Little Sioux (Harrison County), 15 degrees above average. Multiple stations across northern Iowa reported the week's low temperature of 24 degrees on the 14th. This reading was on average 15 degrees below normal.

Average Temperature (°F): Departure from 1981-2010 Normals
 October 14, 2019 to October 20, 2019



Accumulated Precipitation (in)
 October 14, 2019 to October 20, 2019

