



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending May 26, 2019
Issued May 28, 2019

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Heavy rainfall and damaging storms kept Iowa farmers from making much planting progress with only **1.0 day suitable for fieldwork** statewide during the week ending May 26, 2019, according to the USDA, National Agricultural Statistics Service. South central and southeast Iowa farmers reported less than a half day suitable for fieldwork this past week with little to no planting progress. Several comments were received about Iowa farmers investigating prevented planting options.

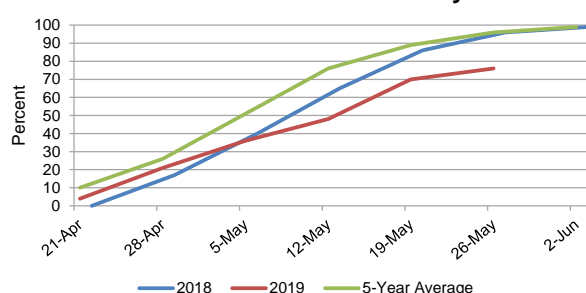
Topsoil moisture levels rated 0 percent very short, 0 percent short, 41 percent adequate and 59 percent surplus. **Subsoil moisture** levels rated 0 percent very short, 1 percent short, 44 percent adequate and 55 percent surplus.

Only 6 percent of the expected **corn** crop was planted this past week. Iowa corn growers now have 76 percent of the expected crop planted, 10 days behind last year and 2 weeks behind the 5-year average. This is the smallest amount of corn planted by May 26 since 1995 when 75 percent of the expected crop had been planted. Forty-two percent of the crop has emerged, 9 days behind last year and 10 days behind average. Less than one-third of the expected **soybean** crop has been planted, two weeks behind last year and average. This is the smallest percent of soybeans planted by May 26 since 1993 when just 23 percent of the expected crop had been planted. Eight percent of the crop has emerged, 12 days behind last year and 8 days behind average. Eighty-seven

percent of the expected **oat** crop has emerged, 8 days behind average.

There were reports that some **alfalfa hay** is ready to be cut, but wet conditions prevented Iowa farmers from entering the fields. Hay condition decreased slightly to 60 percent good to excellent. **Pasture condition** improved to 64 percent good to excellent. Continued rains made feedlots muddy and stressed cattle.

**Corn Planted - Iowa
For the Fourth Week of May**



Crop Condition as of May 26, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Hay, all	2	7	31	50	10
Oats.....	1	3	34	50	12
Pasture and range	1	6	29	49	15

Crop Progress as of May 26, 2019

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
Corn planted.....	70	87	76	81	81	72	74	55	61	76	70	95	96
Corn emerged	38	43	23	52	49	36	50	37	43	42	20	74	77
Oats emerged	90	90	94	90	94	79	86	82	74	87	76	94	95
Soybeans planted.....	23	35	41	39	35	28	38	30	21	32	27	78	77
Soybeans emerged	2	5	5	11	12	5	16	10	9	8	3	40	36

Days Suitable for Fieldwork and Soil Moisture Condition as of May 26, 2019

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
Days suitable	1.4	0.9	1.9	1.4	0.7	1.5	0.5	0.1	0.3	1.0	2.7	5.1
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	3
Short	0	0	0	0	0	0	2	0	0	0	0	12
Adequate	38	66	51	55	40	27	28	12	24	41	59	77
Surplus	62	34	49	45	60	73	70	88	76	59	41	8
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	5
Short	0	0	0	1	0	0	2	1	4	1	1	12
Adequate	41	58	57	57	43	27	34	20	38	44	58	74
Surplus	59	42	43	42	57	73	64	79	58	55	41	9

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

May's last full week saw an active weather pattern across Iowa that brought continued unseasonable wetness and severe weather. Measurable rainfall was observed every day of the reporting period along with six days of at least one severe weather report. Average temperatures were unseasonably cool with northwestern Iowa experiencing the coolest conditions.

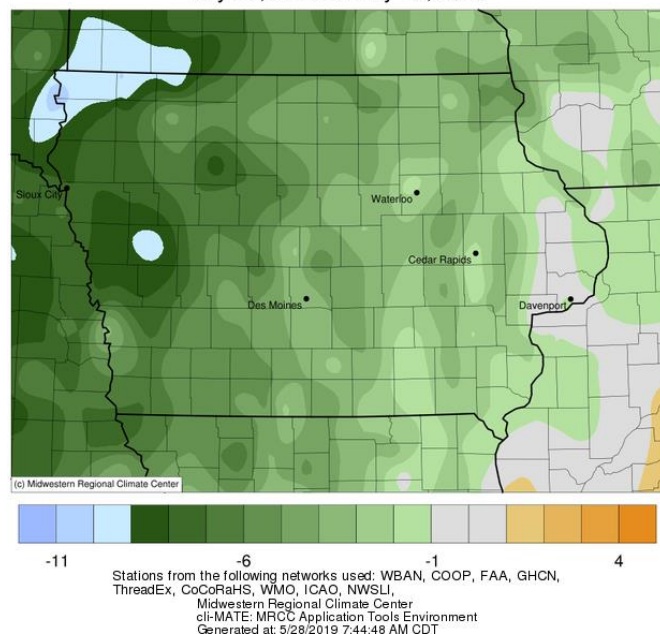
Highs on Monday (20th) were well below average as cloudy conditions blanketed Iowa. Overnight lows Sunday (19th) into Monday dipped into the upper 30s northeast to upper 40s southeast. Highs only reached the mid 50s with the warmest temperatures in northern and eastern Iowa, though 10-20 degrees below average. Rain moved across Iowa's southern third ahead of a strong low pressure that brought unseasonably wet conditions across the state Tuesday (21st). The low spun out of Missouri and brought multiple waves of moderate to heavy rainfall across Iowa. All stations reported measurable rain with the highest totals across southern Iowa; accumulations ranged from 0.22 inches in Muscatine (Muscatine County) to 1.64 inches in Algona (Kossuth County).

Severe thunderstorms moved into southwestern Iowa late in the night into early Wednesday (22nd) morning. An EF-2 rated tornado touched down in Adair (Adair County) with estimated wind speeds up to 130 mph. Extensive structural damage was reported at a house and nearby farm buildings. Unfortunately, one fatality and one injury were reported; this was the first tornado-related death in Iowa since April 27th, 2014. An EF-1 rated tornado also touched down in Anita (Cass County) causing barn damage. As the system exited Iowa, light rain showers formed in northwestern Iowa leaving average totals of around a tenth of an inch. The rest of the day was warm and windy under sunny skies. Brisk southwest winds between 25-35 mph boosted highs near 80 degrees in southeastern Iowa; temperatures were in the mid 60s to low 70s across the rest of Iowa. Isolated severe thunderstorms raced through Lee County during late evening, leaving behind 1-inch hail reports and heavy rainfall.

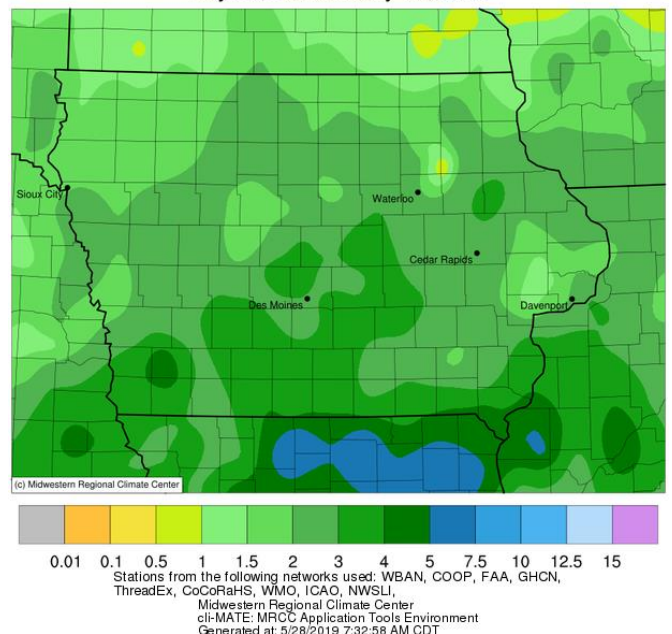
Thursday (23rd) was dry for most of the day with high pressure to the west of Iowa. A potent low pressure system moved into the state in the evening, bringing widespread showers and thunderstorms that remained into Friday (24th) morning. Warm daytime highs helped fuel thunderstorms in eastern Iowa during the late afternoon and evening hours. An EF-1 rated tornado briefly touched down in southwest Johnson County causing minor structural damage. Thunderstorms, some severe, formed over Iowa's southern half during the evening and through the night on Saturday (25th). Rainfall persisted into Sunday (26th) with totals at 7:00 am averaging 0.25 inch; Keokuk reported 2.21 inches, 1.93 inches above average. Weekend temperatures were above average by up to four to eight degrees across most of Iowa.

Weekly rainfall totals ranged from 1.48 inches in Cedar Rapids (Linn County) to 5.42 inches in Red Oak (Montgomery County). The statewide weekly average precipitation was 2.60 inches, over double the normal of 1.05 inches. Temperatures averaged 58.9 degrees, 4.0 degrees below normal. The week's high temperature of 87 degrees was observed at Keokuk Lock and Dam (Lee County) on the 24th, 11 degrees warmer than average. Sibley (Osceola County) reported the week's low temperature of 33 degrees on the 21st, 14 degrees below average.

Average Temperature (°F): Departure from 1981-2010 Normals
 May 20, 2019 to May 26, 2019



Accumulated Precipitation (in)
 May 20, 2019 to May 26, 2019



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