



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending May 17, 2020
Issued May 18, 2020

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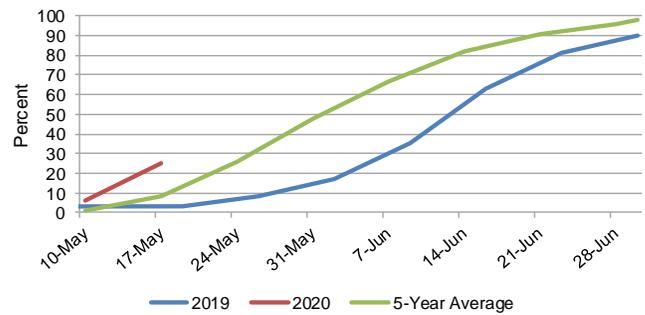
There were 4.3 **days suitable for field work** during the week ending May 17, 2020, according to the USDA, National Agricultural Statistics Service. Windy days made spraying weeds difficult, but planting continued prior to most of Iowa receiving rain in the latter half of the week.

Topsoil moisture levels rated 2% very short, 7% short, 78% adequate and 13% surplus. **Subsoil moisture** levels rated 1% very short, 6% short, 83% adequate and 10% surplus.

Iowa farmers have planted 96% of the expected **corn** crop, nearly a month ahead of last year and almost 3 weeks ahead of the 5-year average. Only Southwest Iowa has over 10% remaining to be planted. Corn emergence improved to 62%, almost double that of the previous week. The **soybean** crop moved to 86% planted, also nearly a month ahead of last year and 3 weeks ahead of average. Farmers in the northern one-third of the State have less than 10% of their soybeans left to plant. One-fourth of the soybean crop has emerged. Seeding of the **oat** crop is virtually complete, with 91% emerged. Oat condition rated 80% good to excellent.

Hay condition rated 71% good to excellent. **Pasture condition** rated 62% good to excellent. Warmer temperatures would help improve growth in pastures and hay fields. Livestock conditions continue to be good with little to no stress reported.

Soybeans Emerged - Iowa For the Third Week of May



Crop Condition as of May 17, 2020

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Hay.....	0	4	25	58	13
Oats.....	0	1	19	69	11
Pasture and range.....	1	8	29	49	13

Crop Progress as of May 17, 2020

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
Corn planted.....	99	99	97	95	97	95	86	95	93	96	91	64	82
Corn emerged.....	83	78	37	71	65	51	38	52	48	62	33	16	44
Oats emerged.....	91	99	96	88	95	89	85	83	88	91	77	70	84
Soybeans planted.....	96	97	90	84	88	81	65	86	77	86	71	23	45
Soybeans emerged.....	38	30	19	27	33	24	10	10	15	25	6	2	8

Days Suitable for Fieldwork and Soil Moisture Condition as of May 17, 2020

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
Days suitable.....	4.2	5.3	4.2	4.4	4.3	3.7	4.5	4.1	3.8	4.3	4.7	2.7
	(percent)											
Topsoil moisture												
Very short.....	5	0	4	5	0	0	4	0	0	2	4	0
Short.....	8	3	12	15	3	1	4	9	1	7	15	0
Adequate.....	77	94	79	75	82	68	89	62	67	78	78	59
Surplus.....	10	3	5	5	15	31	3	29	32	13	3	41
Subsoil moisture												
Very short.....	1	1	1	2	0	0	4	0	0	1	2	0
Short.....	6	5	8	14	5	0	3	9	2	6	8	1
Adequate.....	81	91	86	82	88	79	90	72	73	83	86	58
Surplus.....	12	3	5	2	7	21	3	19	25	10	4	41

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 May 11, 2020, through 7:00 A.M. Central Time on May 17, 2020.

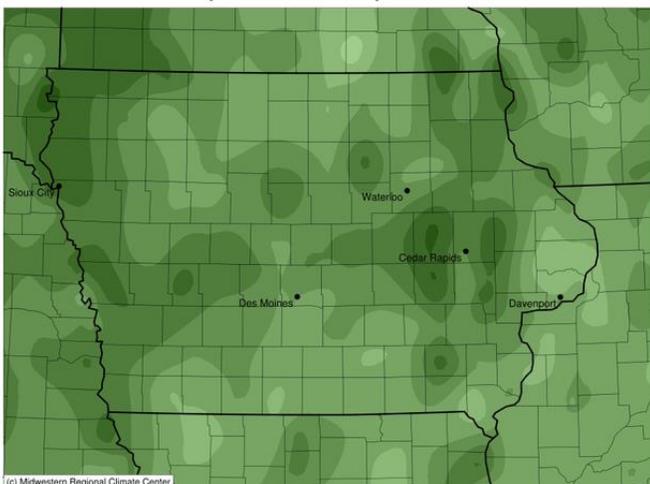
Unseasonably cool conditions persisted across Iowa during the reporting period, though temperatures were not as cold as the previous week. Temperatures were generally 4 to 8 degrees below normal with the statewide average temperature of 54.4 degrees, 6.1 degrees below normal. In a welcome change, wetter than normal conditions returned across much of Iowa with near to below normal conditions reported in pockets of western Iowa. Southeastern Iowa reported the wettest conditions with positive departures of up to three inches.

Cloud cover remained as spotty showers formed on the backside of a low pressure system moving east through northern Illinois on Sunday (10th) afternoon. Gusty northwest winds slowed down as daytime highs remained colder than average, in the mid 40s north to mid 50s south. Cloudy conditions persisted into Monday (11th) with overnight lows remaining in the upper 30s and low 40s. Skies began to clear towards late afternoon and evening as a weak cold front dropped south across Iowa. With a light north wind, morning temperatures on Tuesday (12th) were unseasonably cold with lows across eastern Iowa in the mid to upper 20s. Cloud cover in western Iowa held temperatures in the low 40s with the statewide average at 35 degrees, 12 degrees below normal. Conditions through the day began to warm as partly sunny skies were observed across much of the state. Highs reached into the upper 50s and low 60s, though still 6 to 16 degrees below normal. A small disturbance moved through Iowa during the afternoon and evening hours on Wednesday (13th) bringing showers and thunderstorms. Rain totals from this system were highest across northern and eastern Iowa. Daytime highs remained in the mid to upper 50s.

A warm front lifted across southern Iowa overnight into Thursday (14th) in advance of a strong low pressure center, forcing additional showers and thunderstorms in southern Iowa. Additional storms, some strong to severe, formed during the evening hours across central Iowa with multiple reports of hail and straight-line winds; a 3-inch-sized hail stone was reported in New Virginia (Warren County). Moderate to heavy rain fell across southeastern Iowa as thunderstorms slowly moved over the same areas. Two-day rainfall totals at 7:00 am on Friday (15th) showed nearly 40 stations reporting over 2 inches; half of the state's rain gauges observed at least 0.63 inch with a statewide average rainfall of 0.84 inch. Ottumwa Industrial Airport (Wapello County) reported 4.43 inches, breaking its rainfall record for the date as well as tying its existing May daily record set in 1993. High pressure dominated during the rest of the day with overnight lows into Saturday (16th) remaining in the 50s under generally clear skies. A broad system of showers and thunderstorms entered western Iowa and propagated through the state during the early evening and overnight hours. Measurable totals were reported statewide with a concentrated rain band along the low's attendant cold front bringing at least 0.50 inch to much of Iowa's western two-thirds. The heaviest amounts fell across northern Iowa, where the low slowly spun before exiting the state Sunday (17th) morning; Mason City (Cerro Gordo County) reported 2.25 inches while Ringsted (Emmet County) observed 2.43 inches. The statewide average rain total was 0.86 inch.

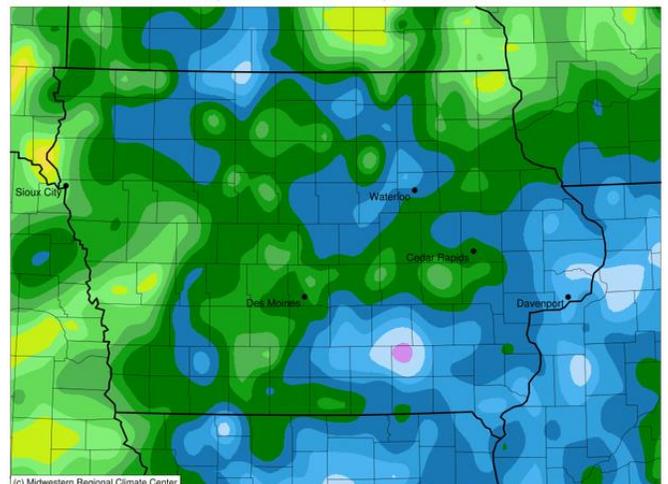
Weekly rain totals ranged from 0.16 inch in Sioux City (Woodbury County) to 5.14 inches at Ottumwa Industrial Airport (Wapello County). The statewide weekly average precipitation was 1.71 inches while the normal is 1.05 inches. Donnellson (Lee County) and Lamoni (Decatur) reported the week's high temperature of 81 degrees on the 14th, on average 9 degrees above normal. Stanley (Buchanan County) reported the week's low temperature of 24 degrees on the 12th, 22 degrees below normal.

Average Temperature (°F): Departure from 1981-2010 Normals
May 11, 2020 to May 17, 2020



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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Accumulated Precipitation (in)
May 11, 2020 to May 17, 2020



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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