



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/ia

Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending April 18, 2021
Issued April 19, 2021

Media Contact: Greg Thessen

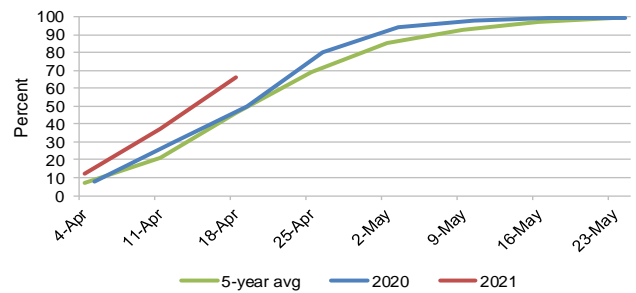
Snow and abnormally low temperatures meant farmers were not planting row crops for most of the week ending April 18, 2021, according to the USDA, National Agricultural Statistics Service. Statewide there were **4.7 days suitable for fieldwork** during the week. Field activities for the week included applying anhydrous and dry fertilizer, spreading manure, tilling fields and planting.

Topsoil moisture levels rated 6% very short, 23% short, 67% adequate and 4% surplus. **Subsoil moisture** levels rated 10% very short, 32% short, 54% adequate and 4% surplus.

Although most Iowa farmers continued to wait for warmer temperatures, 4% of Iowa's **corn** crop has been planted. Nearly two-thirds of Iowa's expected **oat** crop has been planted, 5 days ahead of last year and 6 days ahead of the 5-year average. Statewide 12% of the oat crop has emerged, 2 days ahead of average. There were scattered reports of soybeans planted.

Pasture condition rated 47% good to excellent. Some cattle have already been moved to pasture.

Oats Planted - Iowa
For the Third Week of April



Crop Condition as of April 18, 2021

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Pasture and range	4	12	37	41	6

Crop Progress as of April 18, 2021

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)
Oats planted.....	81	80	68	77	71	57	60	60	46	66	37	47	46
Oats emerged	25	26	7	17	9	6	18	16	6	12	3	5	8

Days Suitable for Fieldwork and Soil Moisture Condition as of April 18, 2021

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.....	4.6	6.2	5.1	5.0	5.6	3.4	4.4	4.1	2.3	4.7	3.1	2.9
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	20	4	1	11	8	0	0	5	0	6	4	0
Short	35	41	19	34	28	2	16	10	0	23	17	1
Adequate	44	55	80	54	60	84	82	79	82	67	69	81
Surplus	1	0	0	1	4	14	2	6	18	4	10	18
Subsoil moisture												
Very short	27	6	0	25	10	0	4	8	1	10	12	0
Short	50	49	24	47	25	9	28	33	6	32	28	1
Adequate	23	45	76	27	63	73	68	56	76	54	56	80
Surplus	0	0	0	1	2	18	0	3	17	4	4	19

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 April 12, 2021, through 7:00 A.M. Central Time on April 18, 2021.

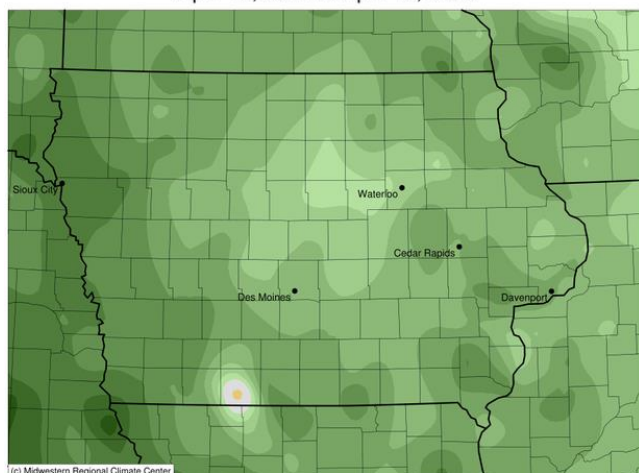
After a warm first half of April, cooler conditions were observed statewide over the reporting period with temperatures up to six degrees below normal; the statewide average temperature was 44.8 degrees, 4.5 degrees below normal. A less active storm track brought drier than normal readings to rain gauges across the state with departures of up to 0.80 inch in the northeast.

Gusty westerly winds built in across the state on Monday (12th) under mostly sunny skies with afternoon temperatures reaching into the mid to upper 50s. Cloud cover increased overnight into Tuesday (13th) with lows hovering in the mid 30s to upper 30s where clouds were present; under clear skies, thermometers in southwestern Iowa registered readings in the low 30s. Windy conditions persisted through Wednesday (14th) as afternoon temperatures remain unseasonably cool; northern Iowa reported highs in the low to mid 40s under cloud cover while sunny skies in the south pushed temperatures into the mid 50s. Morning temperatures reported at 7:00 am on Thursday (15th) were at or below freezing across much of Iowa as a cold front dropped south through the state with the coldest readings in northern Iowa; the statewide average low was 30 degrees, seven degrees colder than normal. Afternoon conditions were generally overcast with a light northwesterly wind and temperatures in the upper 40s and low 50s.

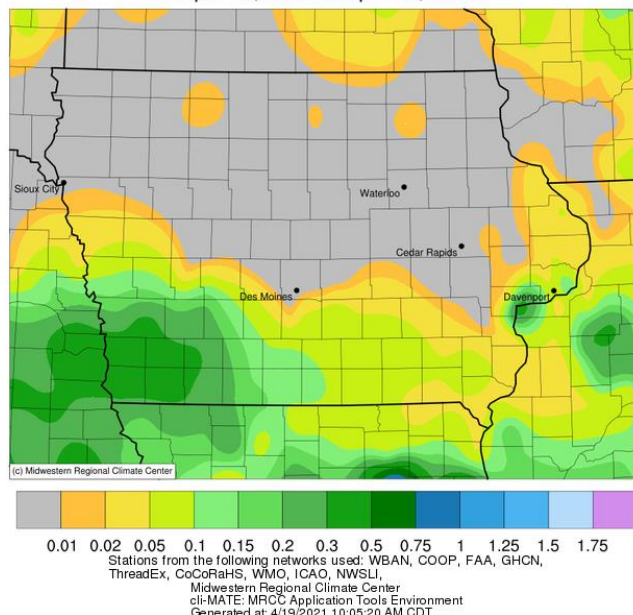
Overnight lows into Friday (16th) remained above freezing across much of northern Iowa where cloud cover was present though some stations in southern Iowa reported readings below 32 degrees. Clouds and a light northerly wind held afternoon temperatures in the mid 40s and low 50s as an upper level disturbance approached from the west. Rain showers pushed into southwestern Iowa during the afternoon hours on Saturday (17th) as chilly conditions persisted across Iowa; temperatures only reached into the mid 40s over the state's western half. Showers lingered over southern Iowa into Sunday (18th) with 24-hour rain totals reported at 7:00 am across the southern one-third of Iowa ranging from near 0.50 inch west to a little over 0.10 inch east. Morning temperatures were also warmer where rain was falling, generally in the low 40s. Clear skies in eastern Iowa allowed temperatures to fall into the upper 30s.

Weekly rain totals ranged from no accumulation at most of northern Iowa's stations to 0.42 inch in Randolph (Fremont County). The statewide weekly average precipitation was 0.05 inch while the normal is 0.86 inch. Mount Ayr (Ringgold County) reported the week's high temperature of 71 degrees on the 11th, 10 degrees above normal. Airports in Marshalltown (Marshall County) and Sioux City (Woodbury County) reported the week's low temperature of 25 degrees on the 14th, 12 degrees below normal. Four-inch soil temperatures were in the low 50s south to upper 40s north as of Sunday.

Average Temperature (°F): Departure from 1981-2010 Normals
April 12, 2021 to April 18, 2021



Accumulated Precipitation (in)
April 12, 2021 to April 18, 2021



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

Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>