



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending April 22, 2018
Issued April 23, 2018

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The week began with below normal temperatures and counties in the northern half of Iowa received snow at mid-week before temperatures warmed to near normal by the week's end. Statewide there were **1.5 days suitable for fieldwork** for the week ending April 22, 2018, according to the USDA, National Agricultural Statistics Service. When conditions allowed farmers applied anhydrous and dry fertilizer to their fields and seeded oats with a few scattered reports of corn being planted.

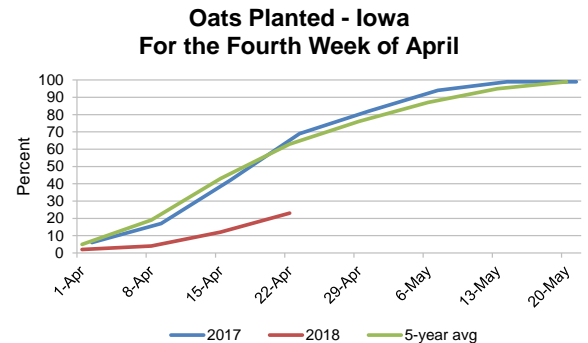
Topsoil moisture levels rated 3 percent very short, 7 percent short, 74 percent adequate and 16 percent surplus. **Subsoil moisture** levels rated 4 percent very short, 13 percent short, 72 percent adequate and 11 percent surplus. Northern Iowa has received an abundance of snow, while southern Iowa is in need of precipitation with south central Iowa the driest.

Twenty-three percent of the expected **oat** crop has been planted, almost 2 weeks behind last year and the 5-year average. Below normal temperatures have delayed oat emergence, with just 1 percent of the crop being reported as emerged, the lowest level at this time since 2001.

Extended winter conditions have delayed pasture development. Calving losses have been reported as higher than normal in areas of northern Iowa.

Crop Condition as of April 22, 2018

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Pasture and range.....	13	19	43	23	2



Field Work and Crop Progress as of April 22, 2018

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Oats planted.....	0	0	5	29	17	44	34	49	37	23	12	65	63

Days Suitable & Soil Moisture Condition as of April 22, 2018

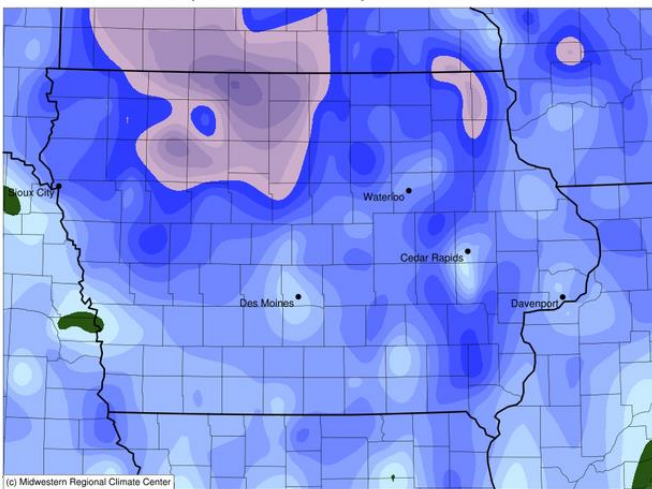
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable	0.1	0.0	0.7	1.5	1.5	2.7	2.9	3.0	3.2	1.5	1.3	2.9
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	0	2	1	0	0	26	7	3	1	0
Short	0	0	7	4	4	10	9	27	22	7	7	1
Adequate	70	75	72	78	78	83	88	47	64	74	70	79
Surplus	30	25	21	16	17	7	3	0	7	16	22	20
Subsoil moisture												
Very short	0	0	0	1	2	2	0	34	12	4	3	1
Short	1	0	8	7	10	13	25	44	37	13	12	3
Adequate	73	86	77	82	78	79	75	22	47	72	74	77
Surplus	26	14	15	10	10	6	0	0	4	11	11	19

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Michael Timlin, Regional Climatologist
Midwestern Regional Climate Center

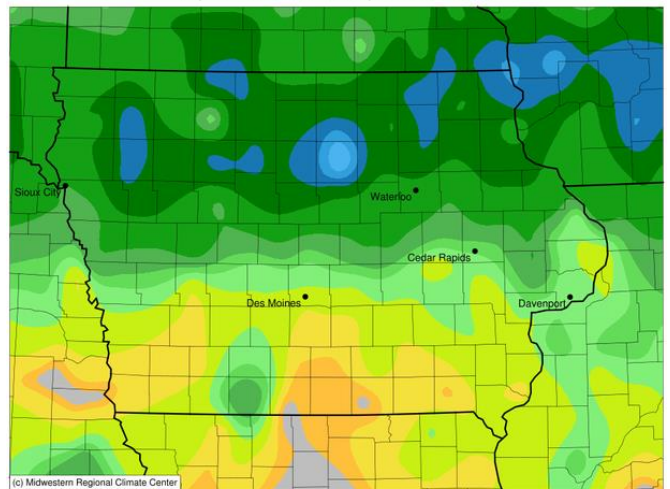
Temperatures were well below normal with precipitation totals running slightly below normal in the north and well below normal in the south. Average temperatures were 10 to 20 degrees below normal for the week. Minimum temperatures dropped below freezing for much of the week and then remained above freezing over the weekend. This helped to allow soil temperatures to warm late in the week. Soil temperatures were mostly in the mid to upper 40s except in northwestern Iowa on the 22nd. Maximum temperatures averaged in the 40s for the northern half of the state and the low to mid 50s for the southern half. The coldest reading in Iowa was at Waukon on the 19th when the mercury dropped to 8 degrees. The warmest readings were in the low to mid 60s on Friday and Saturday topped by a 67 reading at Davenport on the 22nd. Precipitation totals ranged from little or nothing in the south to more than an inch at a handful of stations in northern Iowa. Hampton recorded 1.82 inches, well more than the next closest station. With just a few exceptions, the precipitation totals were below normal for the 7-day period. Snow was recorded at the morning observations on the 16th and 19th in northern Iowa. The largest snow totals were right around a foot, though Forest City, in Winnebago County, easily topped that with 22 inches of snow, 12 inches on the 16th and 10 inches on the 19th.

Average Temperature (°F): Departure from 1981-2010 Normals
April 16, 2018 to April 22, 2018



-22 -17 -12 -7
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 4/23/2018 8:32:53 AM CDT

Accumulated Precipitation (in)
April 16, 2018 to April 22, 2018



0.01 0.02 0.05 0.1 0.15 0.2 0.3 0.5 0.75 1 1.25 1.5 1.75
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 4/23/2018 8:20:26 AM CDT

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