



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending April 29, 2018
Issued April 30, 2018

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Iowa farmers made the most of the **4.7 days suitable for fieldwork** for the week ending April 29, 2018, according to the USDA, National Agricultural Statistics Service. Corn and soybeans were planted in addition to soil preparation and fertilizer application.

Topsoil moisture levels rated 4 percent very short, 15 percent short, 73 percent adequate and 8 percent surplus. **Subsoil moisture** levels rated 5 percent very short, 14 percent short, 73 percent adequate and 8 percent surplus. South central Iowa remains dry with over one-third of subsoil rated very short on moisture.

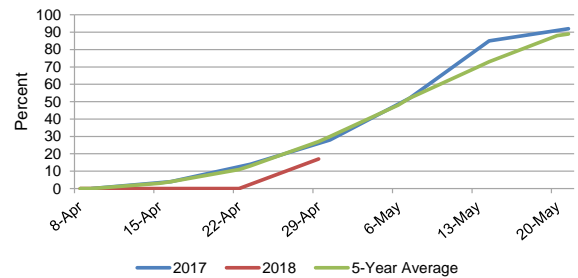
Iowa farmers planted 17 percent of the expected **corn** crop during the past week, 3 days behind last year and 4 days behind the 5-year average. Northern Iowa remains wet from melting snow which has slowed planting progress, however south central and southeast Iowa farmers already have at least 40 percent of their corn planted. **Soybean** planting is underway with 2 percent of the expected crop in the ground, 2 days ahead of last year but equal to the average. Sixty-two percent of the expected **oat** crop has been planted, 8 days behind both last year and the 5-year average. Just 10 percent of the crop has emerged, almost 2 weeks behind last year.

The extended winter season has left hay in short supply for some livestock producers. **Pastures** in many areas need rain to spur growth.

Crop Condition as of April 29, 2018

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Pasture and range.....	11	21	40	26	2

**Corn Planted - Iowa
For the Fifth Week of April**



Field Work and Crop Progress as of April 29, 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)
Corn planted.....	3	2	10	20	22	19	30	40	44	17	0	25	27
Oats planted.....	25	22	41	69	78	82	80	87	81	62	23	80	76
Oats emerged.....	0	0	1	12	6	19	22	17	22	10	1	42	39

Days Suitable & Soil Moisture Condition as of April 29, 2018

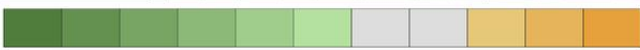
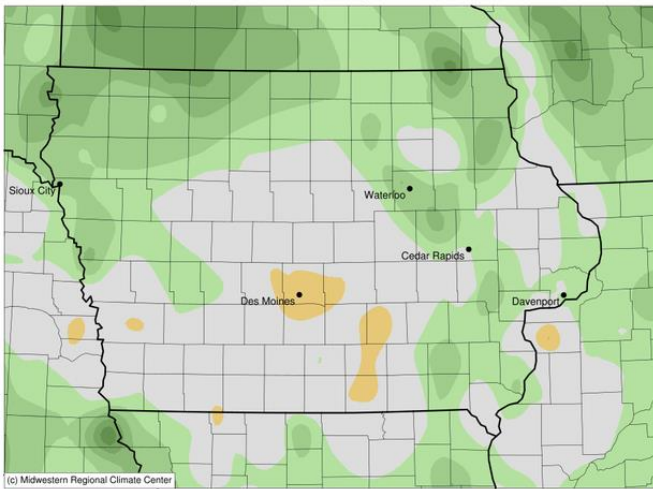
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable	2.5	1.7	4.6	5.6	5.4	6.5	5.9	6.5	6.5	4.7	1.5	3.0
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	0	4	4	3	1	32	10	4	3	0
Short	1	1	4	8	13	33	25	38	42	15	7	0
Adequate	76	84	84	84	77	63	73	30	47	73	74	63
Surplus	23	15	12	4	6	1	1	0	1	8	16	37
Subsoil moisture												
Very short	0	0	0	2	5	4	1	36	23	5	4	0
Short	0	0	3	8	13	24	24	43	42	14	13	1
Adequate	77	85	88	85	77	65	75	21	34	73	72	71
Surplus	23	15	9	5	5	7	0	0	1	8	11	28

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Michael Timlin, Regional Climatologist
Midwestern Regional Climate Center

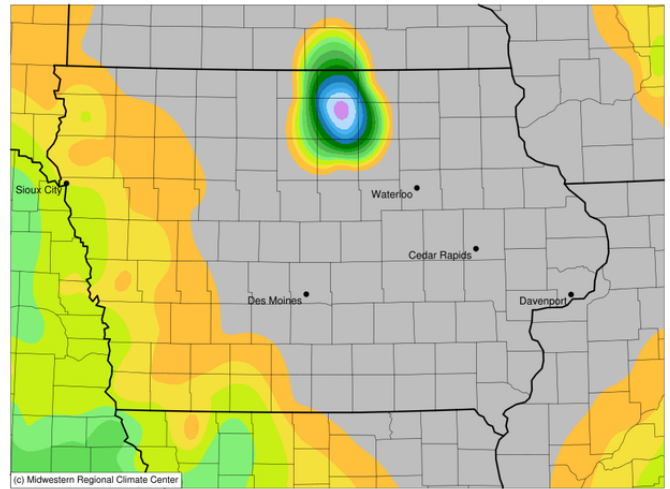
A dry week with only slightly below-normal temperatures allowed many to get into the fields. Most of the state received no precipitation. Light rains fell on the 24th and 25th in the west and southwest, with about a dozen stations reporting totals over 0.10 inches. The largest precipitation total was in Little Sioux with 0.18 inches, all reported on the morning of the 25th. Amounts were well below normal for late April. Temperatures averaged over the week were near normal or only slightly below normal, on the heels of several cool weeks. Departures from normal were less than a degree from southwestern Iowa into the center of the state while departures of 2 degrees below normal were recorded along the northern border and in the southeastern corner of the state. Maximum temperatures were above normal for much of the state and minimum temperatures were below normal. Soil temperatures had climbed above 50 degrees everywhere but a couple reporting locations in the northwestern corner of the state on the 29th. Each day during the week, freezing temperatures were reported at some locations. The northeastern and east central areas of the state were in the upper 20s on the morning of the 29th. The coldest reading in the state was on the morning of the 29th in Waukon, 18 degrees. The warmest readings were on the afternoon of the 27th when temperatures rose to 79 degrees in De Soto, Atlantic, Red Oak, and Shenandoah.

Average Temperature (°F): Departure from 1981-2010 Normals
April 23, 2018 to April 29, 2018



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: 4/30/2018 8:37:32 AM CDT

Accumulated Precipitation (in)
April 23, 2018 to April 29, 2018



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
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cli-MATE: MRCC Application Tools Environment
Generated at: 4/30/2018 8:32:17 AM CDT

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