



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending May 27, 2018
Issued May 29, 2018

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A hot and dry week across much of the State allowed Iowa farmers 5.1 **days suitable for fieldwork** during the week ending May 27, 2018, according to the USDA, National Agricultural Statistics Service.

Topsoil moisture levels rated 3 percent very short, 12 percent short, 77 percent adequate and 8 percent surplus. **Subsoil moisture** levels rated 5 percent very short, 12 percent short, 74 percent adequate and 9 percent surplus. South central Iowa continues to struggle with subsoil moisture supply availability with three-quarters rated short to very short.

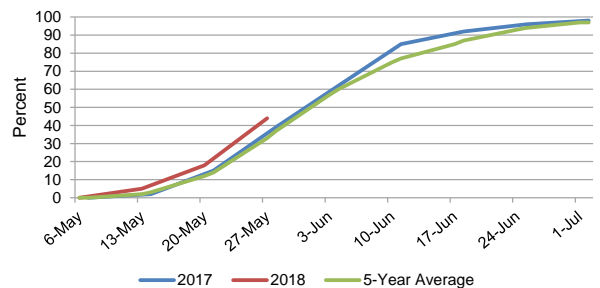
Iowa growers have planted 96 percent of the expected **corn** crop, with 77 percent of the crop emerged. Farmers in the northern one-third of the state were able to plant over 20 percent of their corn during the previous week which leaves less than 10 percent still to be planted. **Soybean** growers have 81 percent of the expected crop planted, a week ahead of the 5-year average. Forty-four percent of soybeans have emerged, three days ahead of last year. Nearly all the expected **oat** crop has been planted, 1 week behind average. Ninety-five percent of the crop has emerged, 2 days behind last year. Four percent of the oat crop has headed, 4 days behind both last year and the average.

Hay conditions improved slightly to 65 percent good to excellent. **Pasture conditions** also improved to 60 percent good to excellent. Warm temperatures and improved soil moisture levels strongly supported pasture and hay growth. Extreme temperatures resulted in reports of heat stress in cattle herds.

Crop Condition as of May 27, 2018

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	0	1	17	63	19
Hay, all	3	4	28	49	16
Oats	0	2	19	62	17
Pasture and range.....	4	7	29	47	13

Soybeans Emerged - Iowa
For the Fourth Week of May



Field Work and Crop Progress as of May 27, 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.....	92	93	91	99	99	99	98	99	99	96	86	96	95
Corn emerged	58	60	69	87	88	88	83	93	88	77	53	79	76
Hay, alfalfa, first cutting	12	4	19	16	31	42	12	13	35	22	2	19	15
Oats emerged	94	89	95	93	95	96	97	98	98	95	86	96	96
Soybeans planted.....	66	62	73	86	93	92	88	94	90	81	58	75	71
Soybeans emerged	22	17	35	49	57	64	40	69	66	44	18	36	33

Days Suitable for Fieldwork and Soil Moisture Supplies as of May 27, 2018

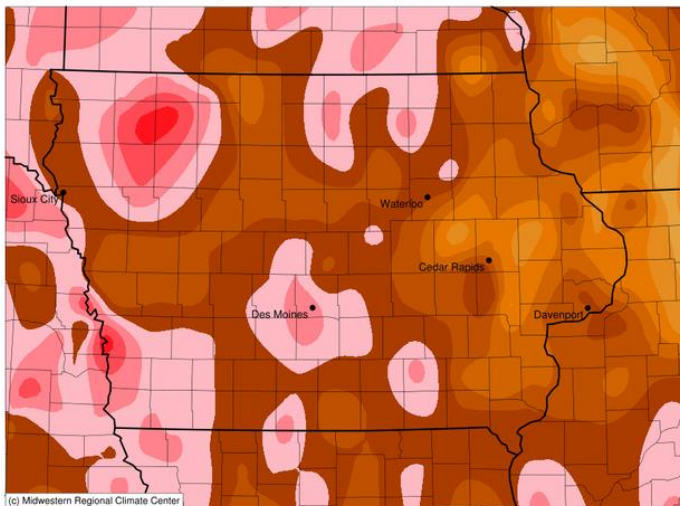
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable	5.3	4.0	4.4	5.5	5.1	5.0	5.9	5.8	5.6	5.1	3.9	2.7
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	1	1	0	1	1	2	3	27	8	3	2	0
Short	5	2	2	15	8	16	16	38	24	12	5	0
Adequate	73	93	87	75	81	74	81	35	66	77	78	77
Surplus	21	4	11	9	10	8	0	0	2	8	15	23
Subsoil moisture												
Very short	1	0	0	1	1	3	4	39	15	5	4	0
Short	1	1	2	11	10	22	19	36	37	12	10	0
Adequate	77	86	83	82	82	68	77	25	47	74	74	78
Surplus	21	13	15	6	7	7	0	0	1	9	12	22

IOWA PRELIMINARY WEATHER SUMMARY

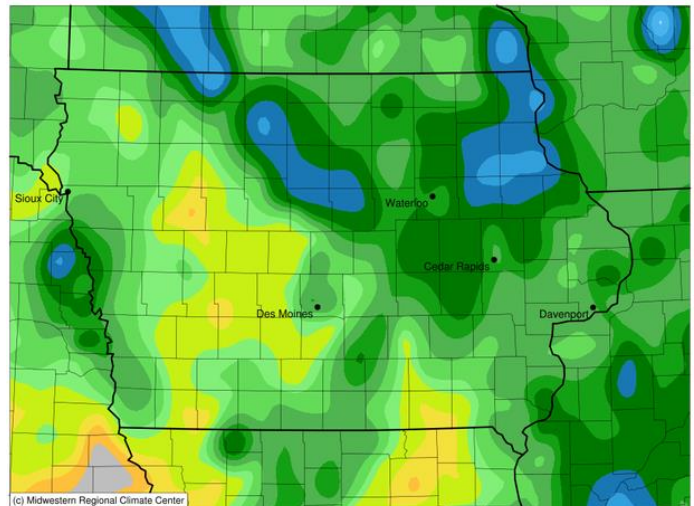
Provided by Michael Timlin, Regional Climatologist
Midwestern Regional Climate Center

Temperatures were above normal across the state while most of the state saw below average rainfall. Temperatures warmed through the week with maximum temperatures in the upper 50s and 60s early in the week climbing to the 90s by the end of the week in all but the northeastern corner of the state. Minimum temperatures climbed from the upper 40s and 50s to the 60s later in the week. The coolest temperature recorded during the week was 47 degrees at Sibley on the 21st while the warmest reading was 101 degrees at Red Oak on the 26th. With the rising temperatures, soil temperatures also rose from the upper 50s and 60s into the 70s by the end of the week. Widespread precipitation on the 21st gave way to scattered rain for the rest of the week. Severe weather on the 25th included strong winds and large hail. Wind reports over 60 mph and reports of trees and limbs downed along with large hail up to 2.00 inches in diameter came in from central to northeastern Iowa. Above normal precipitation was reported at only some locations in the northeastern third of the state while totals were less than 0.20 inches for many locations in the southwestern half of the state. Viewed as a percentage of normal, the rainfall ranged from 200 percent of normal to less than 10 percent of normal. The highest rainfall total was recorded at Estherville in Emmet County with 2.67 inches including 2.39 inches on the 23rd. The driest location was nearby at Primghar in O'Brien County where no precipitation fell during the week.

Average Temperature (°F): Departure from 1981-2010 Normals
May 21, 2018 to May 27, 2018



Accumulated Precipitation (in)
May 21, 2018 to May 27, 2018



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