



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending August 20, 2017
Issued August 21, 2017

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Much needed rain fell throughout the state of Iowa during the week ending August 20, 2017, according to the USDA, National Agricultural Statistics Service. Statewide there were **4.8 days suitable for fieldwork**. Activities for the week included haying and hauling grain.

Topsoil moisture levels improved to 19 percent very short, 31 percent short, 49 percent adequate and 1 percent surplus. Topsoil moisture levels in south central and southeast Iowa remained over 90 percent short to very short. **Subsoil moisture** levels rated 22 percent very short, 34 percent short, 44 percent adequate and 0 percent surplus.

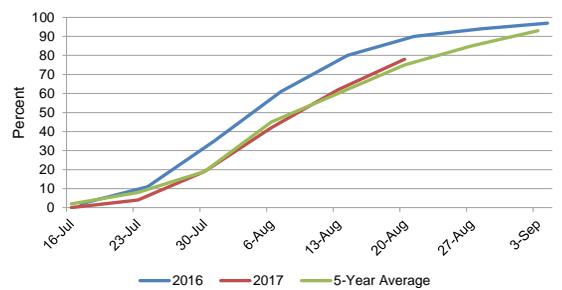
Seventy-eight percent of the **corn** crop was in or beyond the dough stage, one week behind last year. Twenty-one percent of the corn crop has reached the dent stage, one week behind last year and five days behind the 5-year average. Sixty-one percent of the corn crop was rated in good to excellent condition. Eighty-eight percent of **soybeans** were setting pods, 4 days behind last year but equal to average. Soybean condition improved slightly to 58 percent good to excellent. Almost all the **oat** crop for grain or seed has been harvested.

The third cutting of **alfalfa hay** reached 73 percent complete, 8 days ahead of last year and 10 days ahead of average. **Pasture condition** improved to 19 percent very poor, 24 percent poor, 31 percent fair, 23 percent good and 3 percent excellent. Livestock conditions have been ideal with the cooler temperatures. However, available water supplies in ponds and creeks remains an issue for some producers and supplemental feeding has been required.

Crop Condition as of August 20, 2017

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	3	9	27	51	10
Soybeans	4	10	28	49	9
Pasture and range.....	19	24	31	23	3

Percent of Corn Dough - Iowa
For the Third Week of August



Field Work and Crop Progress as of August 20, 2017

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(percent)												
Corn dough	79	80	72	79	89	70	76	85	64	78	62	89	75
Corn dented	15	14	15	18	29	26	32	32	21	21	8	42	32
Hay, alfalfa, third cutting	87	73	73	86	79	71	70	77	54	73	65	64	59
Soybeans blooming	99	100	98	99	99	94	94	93	91	97	94	99	98
Soybeans setting pods	97	95	85	95	95	83	70	81	71	88	82	91	88

Days Suitable and Soil Moisture Condition as of August 20, 2017

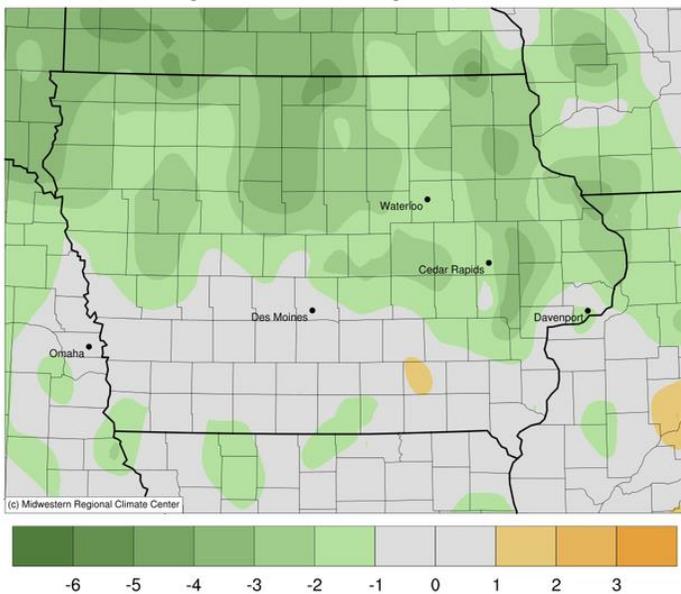
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)											
Days suitable	4.9	4.8	4.9	3.7	3.8	6.1	4.8	5.7	6.0	4.8	6.3	4.7
	(percent)											
Topsoil moisture												
Very short	25	7	1	7	10	12	13	74	68	19	30	1
Short	37	26	25	25	47	27	43	21	24	31	33	6
Adequate	38	67	74	58	43	61	44	5	8	49	37	85
Surplus	0	0	0	10	0	0	0	0	0	1	0	8
Subsoil moisture												
Very short	30	10	0	18	15	11	14	76	63	22	25	1
Short	43	23	19	42	49	31	41	22	29	34	33	8
Adequate	27	67	80	39	36	58	45	2	8	44	42	84
Surplus	0	0	1	1	0	0	0	0	0	0	0	7

IOWA PRELIMINARY WEATHER SUMMARY

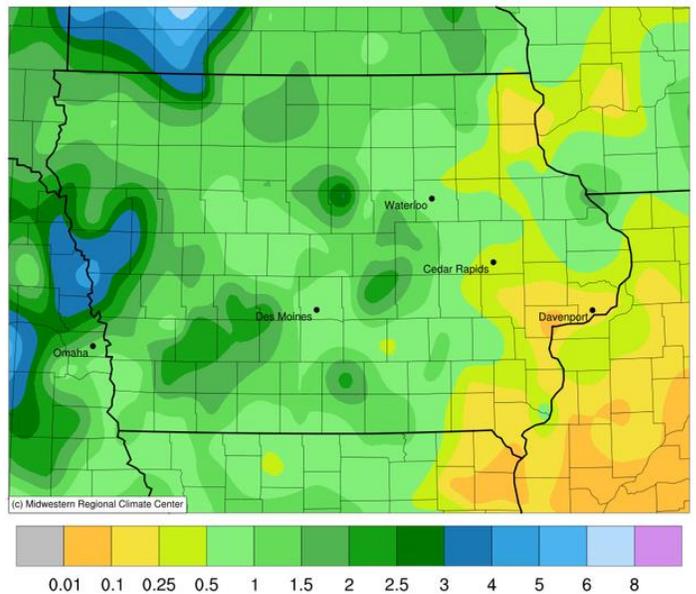
Provided by Harry J. Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

Seasonally mild temperatures prevailed through most of the week while rainfall was more widespread and frequent than in recent weeks. Rain fell nearly statewide on Sunday (13th) night into Monday (14th) morning and also on Tuesday (15th) and Wednesday (16th). Thursday (17th) was mostly dry while on Friday (18th) evening and night a few isolated thunderstorms brought rain to small areas from northwest, through central and into southeast Iowa. A few of these Friday night storms were severe, including a strong tornado near Melvin in Osceola County of far northwest Iowa. Saturday (19th) was mostly dry while thunderstorms brought rain to about the southwest one-half of the state late Saturday night into Sunday morning (20th). The heaviest rains fell across far western and northwest Iowa on Wednesday morning. Weekly rain totals were generally below normal across the east one-third of Iowa and above normal over much of the remainder of the state. Lake Park reported the most rain during the week with 5.76 inches while Farmington in Van Buren County picked up only 0.04 inches. The statewide average rainfall was 1.34 inches while normal for the week is 0.97 inches. The coolest weather in most areas came on Sunday (13th) when highs were mostly in the seventies statewide. The remainder of the week was mostly cooler than normal over the north and slightly above normal over the far south. Temperature extremes ranged from afternoon highs of 92 degrees at Donnellson on Tuesday and at Osceola on Saturday to a Saturday morning low of 49 degrees at Cresco. Temperatures for the week as a whole averaged two to three degrees below normal across northeast Iowa to about one degree above normal over the far south.

Average Temperature (°F): Departure from 1981-2010 Normals
August 14, 2017 to August 20, 2017



Accumulated Precipitation (in)
August 14, 2017 to August 20, 2017



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