



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 30, 2017
Issued July 31, 2017

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Iowa remained mostly dry with scattered reports of rainfall during the week ending July 30, 2017, according to the USDA, National Agricultural Statistics Service. Statewide there were **6.0 days suitable for fieldwork**. Activities for the week included applying fungicides and insecticides, harvesting oats, and haying.

Topsoil moisture levels rated 22 percent very short, 31 percent short, 45 percent adequate and 2 percent surplus. South central Iowa reported two-thirds of topsoil moisture as very short. According to the July 25, 2017 U.S. Drought Monitor, parts of south central Iowa were considered under severe drought conditions. **Subsoil moisture** levels fell to 19 percent very short, 31 percent short, 48 percent adequate and 2 percent surplus.

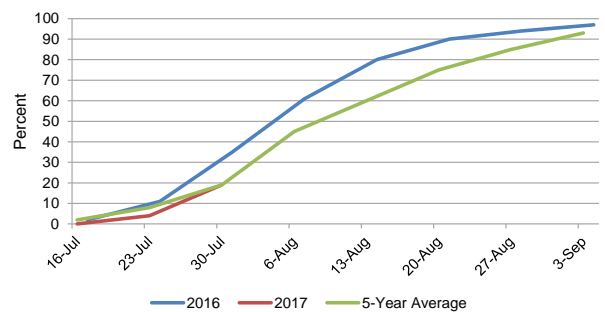
Ninety-one percent of Iowa's **corn** crop has reached the silking stage, 3 days behind last year but 5 days ahead of the five-year average. Nineteen percent of the corn crop has reached the dough stage, 4 days behind last year and 2 days behind average. Corn condition declined to 2 percent very poor, 8 percent poor, 25 percent fair, 52 percent good and 13 percent excellent. **Soybeans** blooming reached 85 percent, 4 days behind last year but 1 day ahead of average. Fifty-two percent of soybeans were setting pods, 2 days ahead of average. Soybean condition decreased slightly to 3 percent very poor, 9 percent poor, 28 percent fair, 51 percent good and 9 percent excellent. Seventy-three percent of the **oat** crop for grain or seed was harvested, 1 day ahead of average.

The second cutting of **alfalfa hay** reached 95 percent, 4 days ahead of last year and nearly two weeks ahead of average. The third cutting of alfalfa hay was 22 percent complete, 1 day ahead of average. **Hay condition** dropped to 54 percent good to excellent, while **pasture condition** was rated 37 percent good to excellent. Reduced temperatures improved livestock conditions; however, supplemental feeding of hay and rotation of pastures were reported due to lack of rain causing poor pasture conditions.

Crop Condition as of July 30, 2017

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	2	8	25	52	13
Hay, all	5	9	32	42	12
Oats	1	3	25	59	12
Soybeans	3	9	28	51	9
Pasture and range	13	22	28	31	6

Percent of Corn Dough - Iowa
For the Fifth Week of July



Field Work and Crop Progress as of July 30, 2017

Item	Districts									State (percent)	Last Week (percent)	Last Year (percent)	5-yr Avg (percent)
	NW (percent)	NC (percent)	NE (percent)	WC (percent)	C (percent)	EC (percent)	SW (percent)	SC (percent)	SE (percent)				
Corn silking	93	96	86	94	94	86	88	80	87	91	74	94	85
Corn dough	15	11	21	16	35	17	13	37	18	19	4	32	24
Hay, alfalfa, second cutting	98	99	97	99	98	98	90	90	96	95	90	92	85
Hay, alfalfa, third cutting	38	26	29	31	24	22	14	12	20	22	8	26	21
Oats coloring	96	99	91	99	99	99	99	99	98	96	89	99	98
Oats harvested	75	67	67	90	75	64	78	89	68	73	41	75	70
Soybeans blooming	98	95	75	90	90	77	68	70	73	85	73	89	84
Soybeans setting pods	65	55	45	49	60	47	44	40	40	52	30	61	48

Days Suitable and Soil Moisture Condition as of July 30, 2017

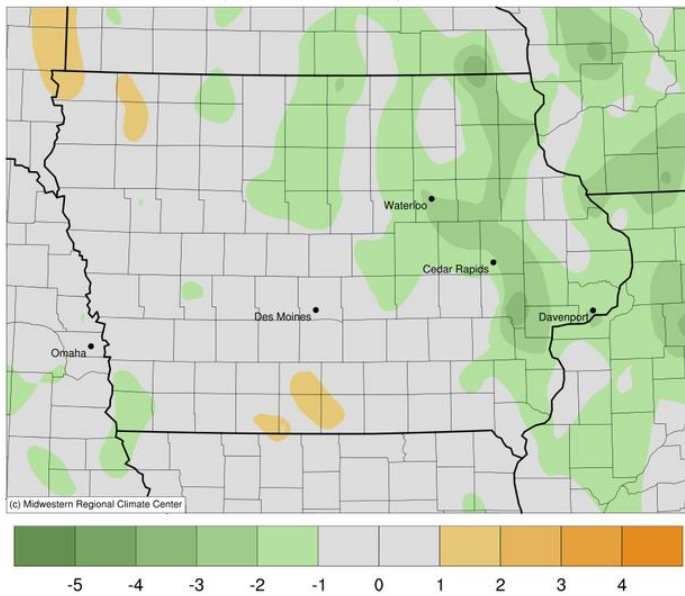
Item	Districts									State (days)	Last Week (days)	Last Year (days)
	NW (days)	NC (days)	NE (days)	WC (days)	C (days)	EC (days)	SW (days)	SC (days)	SE (days)			
Days suitable	6.5	5.9	5.5	5.4	6.1	5.8	5.7	6.9	6.5	6.0	5.4	5.4
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	45	12	0	21	12	4	9	66	57	22	20	2
Short	38	25	4	51	50	13	26	32	32	31	32	10
Adequate	17	63	92	28	36	75	65	2	11	45	45	82
Surplus	0	0	4	0	2	8	0	0	0	2	3	6
Subsoil moisture												
Very short	36	9	0	17	11	6	8	48	55	19	14	2
Short	39	24	5	45	51	12	23	45	28	31	32	12
Adequate	25	65	89	38	36	75	69	7	17	48	52	81
Surplus	0	2	6	0	2	7	0	0	0	2	2	5

IOWA PRELIMINARY WEATHER SUMMARY

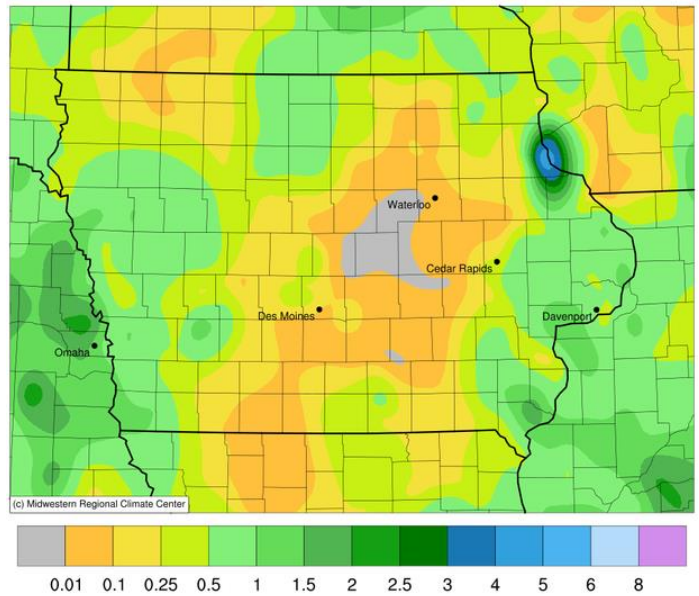
Provided by Harry J. Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

It was a mostly dry week across Iowa with seasonal temperatures. The week's only rain came on Wednesday (26th) when showers and thunderstorms covered most of the state. The most widespread rains fell across about the western one-third of the state, plus far eastern portions of Iowa. No rain fell over portions of central and south central Iowa at such locations as Waterloo, Marshalltown, Grinnell and Fairfield. Mount Pleasant recorded the most rain with 2.20 inches while Denison and Schleswig in Crawford County both picked up 1.90 inches. The statewide average rain amount was 0.36 inches while normal for the week is 0.95 inches. Temperatures for the week averaged a degree or two above normal over the southwest portions of Iowa and a degree or two below normal across the northeast with a statewide average of 0.3 degrees below normal. Weekly temperature extremes varied from a Tuesday (25th) afternoon high of 97 degrees at Sioux City to lows of 51 degrees at Cresco on Saturday (29th) and Lowden on Sunday (30th). Preliminary data suggest a statewide average temperature for July of about 75.1 degrees or 1.5 degrees above normal while precipitation averaged 2.89 inches or 1.61 inches less than normal. This ranks as the 38th warmest and 41st driest July among 145 years of records. Only 2012 and 2013 brought less July rainfall to the state among the past 25 years. Preliminary monthly rain totals varied from 0.41 inches at Pocahontas to 13.88 inches at Guttenberg where this was the highest rain total for any month at that location among 86 years of records.

Average Temperature (°F): Departure from 1981-2010 Normals
July 23, 2017 to July 30, 2017



Accumulated Precipitation (in)
July 23, 2017 to July 30, 2017



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