



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 2, 2017
Issued July 5, 2017

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Iowa experienced scattered tornadoes, hail, and isolated precipitation but reporters expressed need for more rain across much of the state during the week ending July 2, 2017, according to the USDA, National Agricultural Statistics Service. Statewide there were 4.6 **days suitable for fieldwork**. Activities for the week included herbicide application, cultivating, and haying.

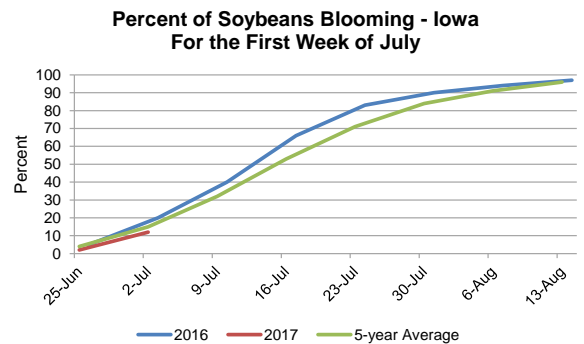
Topsoil moisture levels rated 6 percent very short, 21 percent short, 68 percent adequate and 5 percent surplus. Southeast Iowa's topsoil moisture levels fell for the sixth consecutive week with 82 percent now rated short to very short. Most of southeast Iowa was categorized as abnormally dry by the United States Drought Monitor released June 27, 2017. **Subsoil moisture** levels rated 4 percent very short, 15 percent short, 77 percent adequate and 4 percent surplus.

Seventy-eight percent of the **corn** crop was rated in good to excellent condition. **Soybean** emergence is nearly complete. Soybean blooming reached 12 percent complete, 3 days behind last year and 2 days behind average. Soybean condition rated 72 percent good to excellent. **Oats** headed reached 94 percent this week, 1 day ahead of the 5-year average. Oats coloring reached 27 percent, 5 days behind last year and 3 days behind average. Oat condition rated 74 percent good to excellent.

The second cutting of **alfalfa hay** reached 27 percent complete, 5 days behind last year and 2 days behind average. **Hay condition** rated 78 percent good to excellent. **Pasture condition** continues to decline with 63 percent good to excellent. Livestock were generally reported to be in good condition due to favorable temperatures, while operators in a few areas may need to start supplementing feed in pastures.

Crop Condition as of July 2, 2017

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	3	18	62	16
Hay, all	1	4	17	61	17
Oats	0	2	24	57	17
Soybeans	1	5	22	61	11
Pasture and range	2	6	29	53	10



Field Work and Crop Progress as of July 2, 2017

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)					
Hay, alfalfa, second cutting	34	32	34	35	43	28	13	17	23	27	10	45	30	
Oats headed	90	95	92	93	97	94	95	94	99	94	84	94	93	
Oats coloring	23	25	11	26	33	45	44	37	27	27	10	47	36	
Soybeans blooming	19	15	9	13	10	11	9	17	4	12	2	18	15	

(NA) Not available.

Days Suitable & Soil Moisture Condition as of July 2, 2017

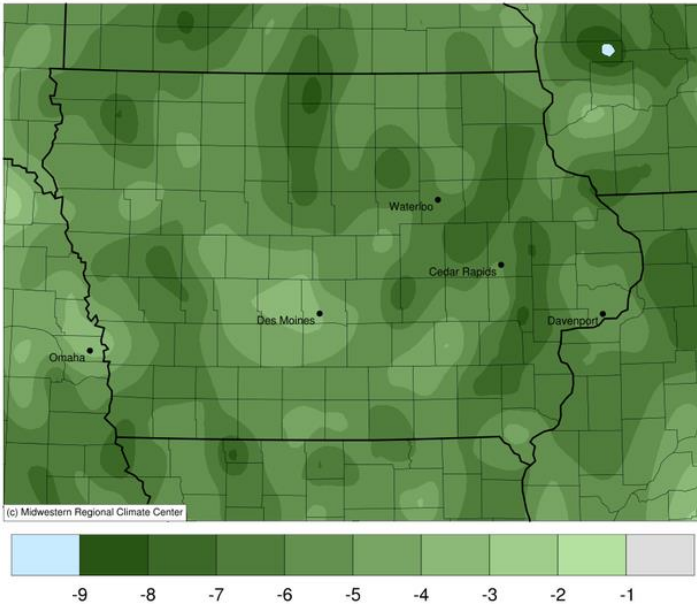
Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)				
Days suitable	5.3	4.3	3.2	5.2	4.1	4.8	3.6	4.8	6.2	4.6	5.3	5.5	
Topsoil moisture	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	
Very short	8	1	0	4	2	5	1	13	35	6	5	8	
Short	30	7	2	31	24	15	4	29	47	21	23	25	
Adequate	61	89	81	63	68	75	87	58	18	68	70	64	
Surplus	1	3	17	2	6	5	8	0	0	5	2	3	
Subsoil moisture	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	
Very short	1	1	1	2	2	4	1	13	19	4	3	4	
Short	18	10	4	16	20	13	4	14	40	15	15	20	
Adequate	81	83	83	81	72	80	86	73	41	77	79	73	
Surplus	0	6	12	1	6	3	9	0	0	4	3	3	

IOWA PRELIMINARY WEATHER SUMMARY

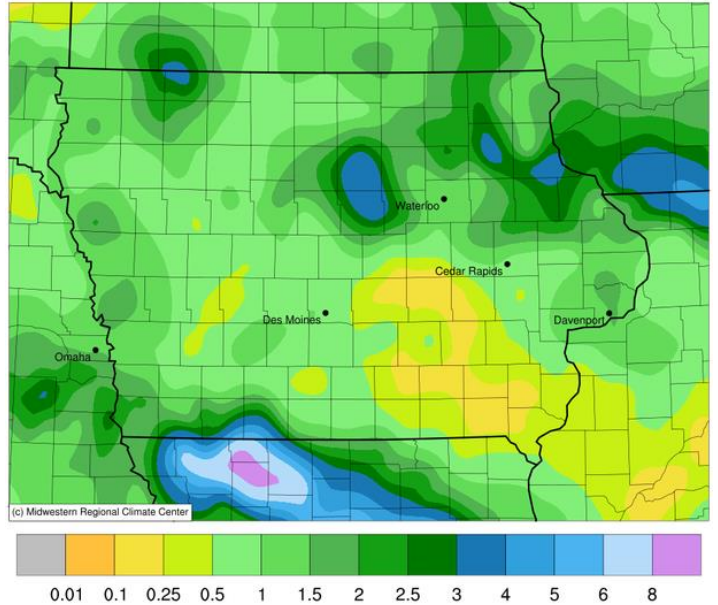
Provided by Harry J. Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

The past reporting week began with unseasonably cool weather prevailing through Tuesday (27th). Daytime highs were mostly in the seventies with nighttime lows in the forties and fifties during this first one-half of the week. Grinnell and Battle Creek reported the week's lowest temperatures with 40 degree readings on Tuesday morning. Light rain was scattered across the southwest one-half of Iowa on Sunday (25th) night into Monday (26th) while Tuesday was dry. Very warm and humid weather made a brief return on Wednesday with Sioux City and Little Sioux reaching 90 degrees. Rain fell statewide on Wednesday with greatest amounts concentrated in the northeast and southwest corners of the state. Slightly cooler than normal weather prevailed for the remainder of the week. Thunderstorms brought rain to most of the northwest one-half to two-thirds of Iowa on Thursday. There were a few isolated showers over the northwest one-half of the state on Friday (30th). Saturday (1st) was dry while there were a few isolated showers over the southwest one-third on Sunday (2nd) morning. The statewide average temperature for the week was 6.0 degrees below normal. Weekly rain totals varied from only 0.09 inches near New London in far southeast Iowa to 4.70 inches at Fort Atkinson in Winneshiek County. The statewide averages rainfall was 1.22 inches or slightly more than the weekly normal of 1.13 inches. Rain totals were well below normal over much of the southern two-thirds of Iowa for the week with some areas seeing much less than usual rain over the past five to six weeks. Meanwhile severe weather was reported from 19 counties on Wednesday and 20 counties on Thursday. Very large hail was reported over portions of Woodbury, Page and Dallas counties while numerous tornadoes touched down in southwest, south central and east central Iowa with these mid-week storms.

Average Temperature (°F): Departure from 1981-2010 Normals
June 26, 2017 to July 02, 2017



Accumulated Precipitation (in)
June 26, 2017 to July 02, 2017



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