



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending August 21, 2016
Issued August 22, 2016

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Continued precipitation, heavy in some areas of the State, resulted in **4.7 days suitable for fieldwork** for the week ending August 21, 2016, according to the USDA, National Agricultural Statistics Service. Precipitation and cooler nights benefitted grain and pod fill. Activities for the week included harvesting oats and cutting hay when ground conditions were dry enough.

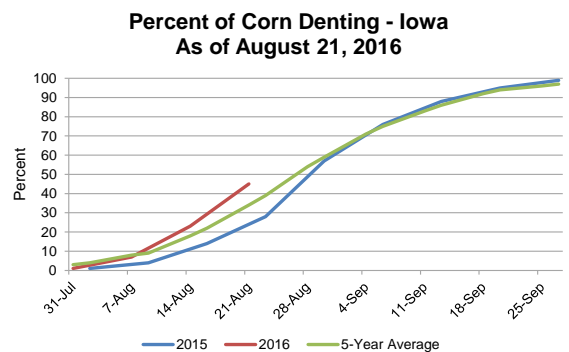
Topsoil moisture levels rated 1 percent very short, 6 percent short, 85 percent adequate and 8 percent surplus. **Subsoil moisture** levels rated 1 percent very short, 8 percent short, 84 percent adequate and 7 percent surplus. South central and southeast Iowa continue to report the lowest subsoil moisture levels in the State.

Ninety percent of the **corn** crop reached the dough stage or beyond, 10 days ahead of the 5-year average, with 45 percent dented or beyond, 6 days ahead of last year and 4 days ahead of normal. There were scattered reports of corn showing signs of maturity. Corn condition rated 83 percent good to excellent. **Soybeans** setting pods reached 92 percent, 5 days ahead of last year and 4 days ahead of normal. Three percent of soybeans have started to turn color. Soybean condition rated 82 percent good to excellent, although there were reports of sudden death and white mold in some soybean fields. Harvesting of **oats** for grain or seed was nearing completion.

The third cutting of **alfalfa hay** was 66 percent complete, 4 days ahead of average. **Pasture condition** rated 64 percent good to excellent. Livestock experienced little stress with near ideal conditions.

Crop Conditions as of August 21, 2016

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	3	13	56	27
Soybeans	1	3	14	58	24
Pasture and range.....	2	6	28	52	12



Field Work and Crop Progress as of August 21, 2016

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 dough	90	92	91	89	91	91	87	90	85	90	80	85	74
Corn dented	44	44	39	41	42	53	56	55	42	45	23	28	34
Hay, alfalfa, third cutting.....	90	76	75	80	84	68	47	48	58	66	52	54	59
Soybeans setting pods.....	98	91	97	96	96	90	84	84	86	92	87	88	89

Days Suitable & Soil Moisture Condition as of August 21, 2016

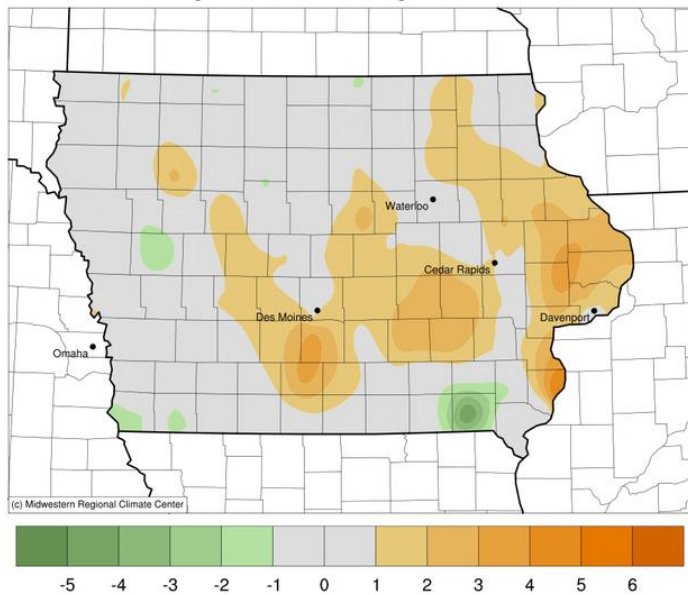
Item	Districts									State	Last week	Last year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable	5.3	4.1	4.0	4.6	4.6	5.0	5.0	4.8	5.2	4.7	4.3	4.1
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	1	0	0	0	0	0	1	2	7	1	1	1
Short	14	2	2	2	4	0	2	17	13	6	7	9
Adequate	81	92	86	91	90	81	94	75	75	85	83	78
Surplus	4	6	12	7	6	19	3	6	5	8	9	12
Subsoil moisture												
Very short	0	0	0	1	1	0	0	4	11	1	2	1
Short	12	3	4	11	8	1	3	20	21	8	9	8
Adequate	82	90	84	82	86	84	94	71	66	84	83	80
Surplus	6	7	12	6	5	15	3	5	2	7	6	11

IOWA PRELIMINARY WEATHER SUMMARY

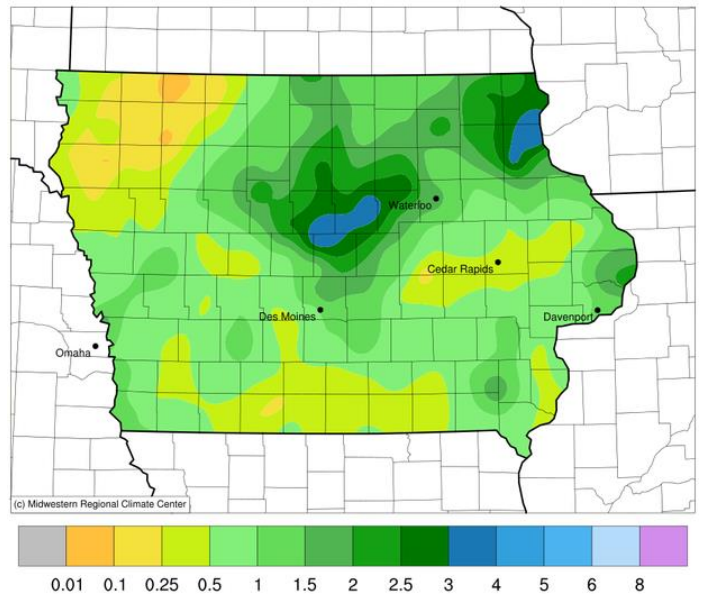
Provided by Harry J. Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

Both temperatures and precipitation averaged close to seasonal normals across Iowa. The reporting week began with slightly cooler than normal weather on Monday (15th) when Estherville reported a morning low of 54 degrees. Warmer than normal weather prevailed from Tuesday (16th) through Friday (19th) with Thursday (18th) being the hottest day in most areas with highs in the upper eighties to lower nineties. Finally, the weekend brought much cooler weather with highs in the seventies statewide. Temperature extremes for the week ranged from Thursday afternoon highs of 92 degrees at Des Moines, Sioux City, Osceola and Sigourney while Spencer and Sheldon reported the lowest temperatures with 46 degree minimums on Sunday (21st) morning. Temperatures for the week as a whole average 0.3 degrees above normal. Monday (15th) was mostly dry while rain was scattered over the western one-third of Iowa on Tuesday (16th) and across the eastern two-thirds of the state on Wednesday (17th) with a few central and north central locations picking up over an inch of rain. Rain fell mostly over far northeast Iowa on Thursday (18th) night with locally heavy amounts over three inches near Elkader. Finally, rain fell statewide from Friday (19th) afternoon into Saturday (20th) morning with rain amounts of one to two inches common from west central into north central and northeast Iowa. Rain totals for the week varied from only 0.03 inches at Doon in Lyon County to 4.19 inches near Volga in Clayton County. The statewide average precipitation was 1.07 inches, or just slightly above the weekly normal of 0.96 inches.

Average Temperature (°F): Departure from 1981-2010 Normals
August 15, 2016 to August 21, 2016



Accumulated Precipitation (in)
August 15, 2016 to August 21, 2016



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