



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 3, 2016
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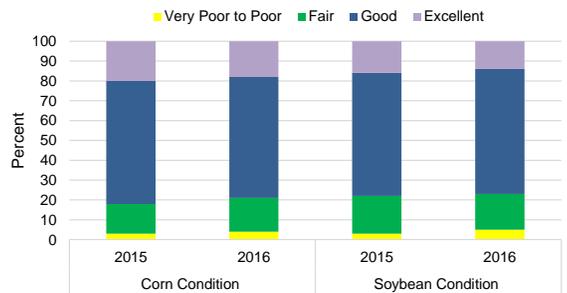
Spotty precipitation brought relief to some while missing other areas entirely in Iowa during the week ending July 3, 2016, according to the USDA, National Agricultural Statistics Service. Statewide there were **5.5 days suitable for fieldwork**. Activities for the week included cutting hay, hauling grain and spraying beans.

Topsoil moisture levels rated 8 percent very short, 25 percent short, 64 percent adequate and 3 percent surplus. **Subsoil moisture** levels rated 4 percent very short, 20 percent short, 73 percent adequate and 3 percent surplus. South central and southeast Iowa continued to have the lowest levels of topsoil moisture in the State with two-thirds short to very short this week.

Six percent of the **corn** crop had reached the silking stage, with 79 percent of the crop rated good to excellent. **Soybeans** blooming reached 20 percent, 2 days ahead of last year and the 5-year average. There were scattered reports of soybeans setting pods. Soybean condition rated 77 percent good to excellent this week. **Oat** acreage headed reached 95 percent. Oats turning color reached 51 percent, 5 days ahead of last year and 6 days ahead of normal. Harvesting oats for grain or seed has begun in some areas. Oat crop condition rated 80 percent good to excellent.

The second cutting of **alfalfa hay** reached 48 percent, 2 weeks ahead of last year and 10 days ahead of normal. **Hay condition** was rated at 71 percent good to excellent, while **pasture condition** declined from last week, rating 64 percent good to excellent. Livestock conditions were reported as normal although some producers may need to supplement water in pastures due to low creek levels.

Corn and Soybean Condition - Iowa
As of July 3



Crop Conditions as of July 3, 2016

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	3	17	61	18
Hay, all	1	2	26	56	15
Oats	0	1	19	65	15
Soybeans	1	4	18	63	14
Pasture and range.....	2	7	27	53	11

Field Work and Crop Progress as of July 3, 2016

Item	Districts										State	Last week	Last year	5-yr avg	
	NW	NC	NE	WC	C	EC	SW	SC	SE						
	(percent)														
Corn silking	1	2	2	5	14	10	9	8	10	6	0	1	6		
Hay, alfalfa, second cutting	62	52	60	37	66	47	38	32	53	48	24	20	26		
Oats headed	90	90	95	98	98	90	100	99	99	95	90	94	93		
Oats coloring.....	40	36	42	64	68	44	60	62	68	51	22	36	33		
Soybeans blooming.....	21	19	24	16	24	26	16	9	18	20	5	16	16		

Days Suitable & Soil Moisture Condition as of July 3, 2016

Item	Districts										State	Last week	Last year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(days)												
Days suitable	6.0	6.0	5.2	4.9	5.3	5.5	5.1	5.9	5.8	5.5	5.6	4.8	
	(percent)												
Topsoil moisture													
Very short	1	6	2	7	7	1	9	23	27	8	8	0	
Short	23	16	9	38	31	8	27	43	39	25	21	2	
Adequate	68	73	86	51	62	86	63	34	33	64	67	73	
Surplus	8	5	3	4	0	5	1	0	1	3	4	25	
Subsoil moisture													
Very short	1	2	1	4	4	1	1	12	18	4	3	0	
Short	9	18	14	24	25	6	28	38	33	20	17	3	
Adequate	84	77	83	68	70	88	70	50	49	73	76	75	
Surplus	6	3	2	4	1	5	1	0	0	3	4	22	

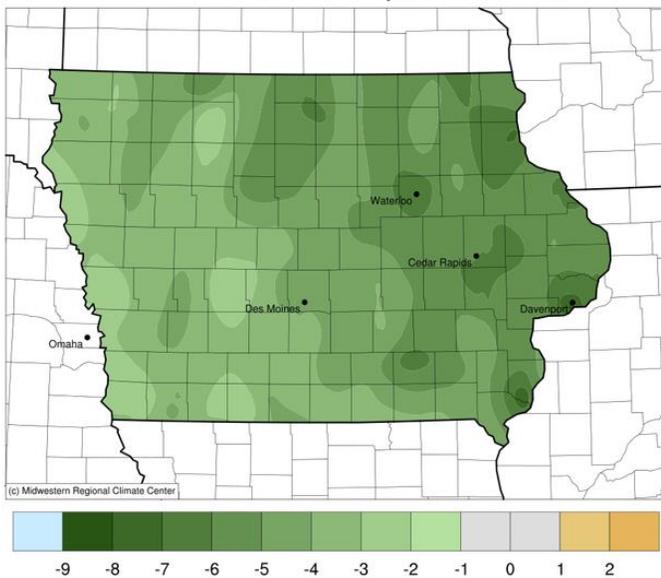
IOWA PRELIMINARY WEATHER SUMMARY

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

Iowa received a welcome break from the heat this past week. Temperatures were above normal across most of the state on Monday (27th) but were below normal for the remainder of the period, particularly over the weekend. Donnellson recorded a high of 95 degrees on Monday while much of southern Iowa saw daytime high temperatures only in the mid-sixties on both Saturday (2nd) and Sunday (3rd). Lowest minimum temperatures were 47 degree readings at Elkader on Wednesday (29th) morning and at Cresco, Elkader and Estherville on Sunday (3rd) morning. Temperatures for the week as a whole averaged 6 to 8 degrees below normal over the northeast to 2 to 3 degrees subnormal over the far southwest with a statewide average of 5.6 degrees less than normal. Rainfall amounts were highly variable, but in a reverse from recent weeks were generally greatest over the southwest and least in the northeast. There were some isolated thunderstorms over southwestern Iowa on Monday (27th) evening, including some that brought a destructive combination of high winds and hail to portions of Mills and Fremont counties. Thunderstorms covered parts of western Iowa on Wednesday (29th) with some damaging wind and hail in portions of Harrison and Pottawattamie counties. Thunderstorms were scattered over much of the state on Thursday (30th) with a band of heavy rain centered over Carroll where 3.83 inches of rain fell in the pre-dawn hours. Friday (1st) was dry in most areas while Saturday (2nd) brought widespread rain to southern and southwestern Iowa with heaviest rains in parts of Mills and Montgomery counties. The reporting week ended with mostly dry weather on Sunday (3rd). Rain totals for the week varied from only sprinkles at Pocahontas and Dyersville to 4.20 inches near Hastings in Mills County. The statewide average precipitation was 0.70 inches while normal for the week is 1.11 inches.

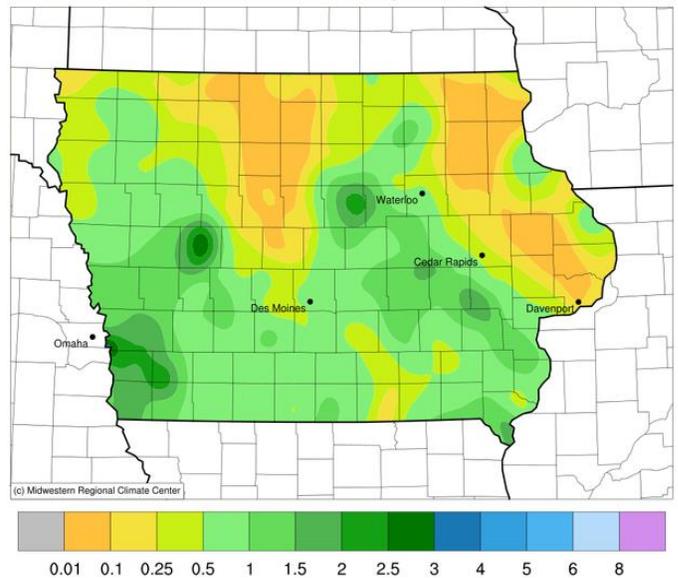
Average Temperature (°F): Departure from 1981-2010 Normals

June 27, 2016 to July 03, 2016



Accumulated Precipitation (in)

June 27, 2016 to July 03, 2016



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