



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 14, 2019
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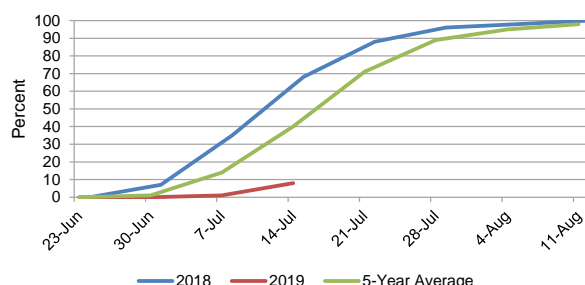
It was a dry week in Iowa that allowed farmers 6.0 days suitable for fieldwork during the week ending July 14, 2019, according to the USDA, National Agricultural Statistics Service. This was the most days suitable for fieldwork this season. The recent dry weather helped farmers catch up on fieldwork activities; however, there were many comments that areas in Iowa now need rain to help crops continue to move along.

Topsoil moisture condition was rated 1 percent very short, 14 percent short, 78 percent adequate and 7 percent surplus. Districts in the southern third of Iowa reported topsoil moisture conditions with over 25 percent short to very short. This is the first time this season any district in Iowa reported topsoil moisture condition at 25 percent or higher short to very short. **Subsoil moisture** condition was rated 0 percent very short, 9 percent short, 80 percent adequate and 11 percent surplus.

Eight percent of the **corn** crop has begun to silk, 13 days behind last year and 10 days behind the 5-year average. Corn condition rated 62 percent good to excellent. Nearly all of the expected **soybean** crop has emerged at 98 percent statewide. Twenty-six percent of the crop has started to bloom, 12 days behind last year and 9 days behind average. Soybean condition rated 63 percent good to excellent. Ninety-six percent of the **oat** crop has headed, 1 week behind average. Fifty-five percent of the crop has started coloring, 5 days behind both last year and average. Oat condition improved from the previous week to 65 percent good to excellent.

Nearly all of the first cutting of **alfalfa hay** has been cut at 98 percent complete. The second cutting of alfalfa hay reached 33 percent, 11 days behind last year and 9 days behind average. **Hay condition** rated 61 percent good to excellent. **Pasture condition** declined to 65 percent good to excellent. Livestock experienced some stress due to heat.

**Corn Silking - Iowa
For the Second Week of July**



Crop Condition as of July 14, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	3	7	28	52	10
Hay, all	1	7	31	50	11
Oats.....	0	4	31	54	11
Soybeans	2	5	30	54	9
Pasture and range.....	1	6	28	54	11

Crop Progress as of July 14, 2019

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Corn silking	5	6	4	10	10	10	15	9	11	8	1	63	40
Hay, alfalfa, first cutting	98	100	99	100	98	99	95	97	96	98	94	100	98
Hay, alfalfa, second cutting	44	34	47	47	53	21	23	15	36	33	12	69	57
Oats headed.....	91	93	98	89	97	95	97	96	96	96	92	99	98
Oats coloring.....	41	29	49	65	65	62	79	60	47	55	28	70	72
Soybeans blooming.....	31	26	18	34	39	16	19	12	12	26	7	62	52

Days Suitable for Fieldwork and Soil Moisture Condition as of July 14, 2019

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)	(days)
Days suitable	5.3	5.5	5.3	5.8	6.3	6.6	6.5	6.9	6.3	6.0	4.6	5.3
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	1	0	3	0	3	3	3	1	1	0	3
Short	4	4	8	15	8	18	25	37	30	14	4	11
Adequate	84	91	83	77	85	73	64	58	67	78	80	76
Surplus	12	4	9	5	7	6	8	2	2	7	16	10
Subsoil moisture												
Very short	0	0	0	1	0	1	0	1	1	0	0	4
Short	2	3	3	13	4	13	19	11	18	9	2	12
Adequate	80	89	83	82	79	72	70	79	79	80	77	72
Surplus	18	8	14	4	17	14	11	9	2	11	21	12

IOWA PRELIMINARY WEATHER SUMMARY
Provided by Justin Glisan, Ph.D., State Climatologist
Iowa Department of Agriculture and Land Stewardship

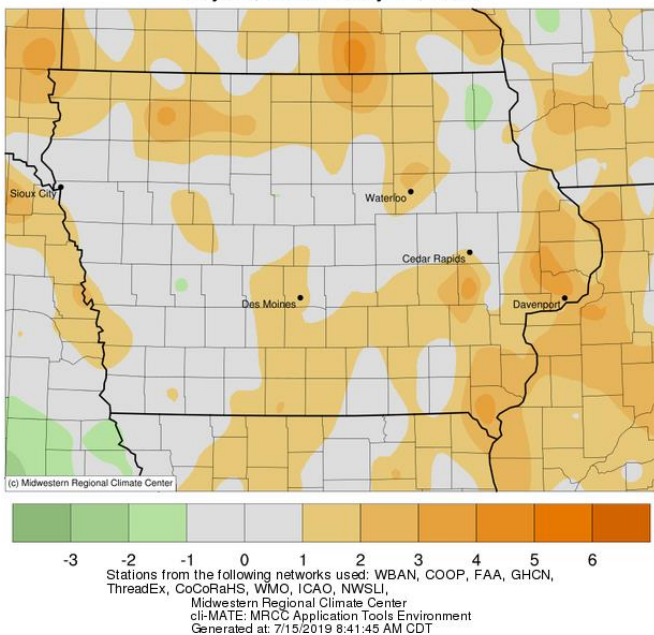
A majority of Iowa experienced unseasonably dry conditions during the reporting period with the driest conditions across the state's southern half; rainfall departures were between 1.00-1.25 inches. Temperatures were near normal across much of Iowa with sections of the state reporting slightly warmer than average conditions. The statewide average temperature was 75.3 degrees, 0.6 degrees above normal.

Partly to mostly sunny conditions were seen statewide Sunday (7th) afternoon with light variable winds. High temperatures were in the low to mid 80s, near to slightly below average by one to two degrees. Overnight lows into Monday (8th) were in the mid to upper 60s. Pleasant conditions continued through the day as a large dome of high pressure sat over the Great Lakes. A southerly wind pushed highs into the mid 80s under mostly clear skies. A line of showers and thunderstorms in advance of an approaching low pressure system brought light rainfall to a few counties in southwest Iowa; totals at ranged from 0.03 inch in Holly Springs (Woodbury County) to 0.16 inch at a station in Council Bluffs (Pottawattamie County). Thunderstorms re-fired on Tuesday (9th) ahead of a warm front during late morning and continued into eastern Iowa during the late evening. There were two reports of an isolated, weak tornado in Scott County. Rainfall totals at 7:00 am on Wednesday (10th) were highest across northern and eastern Iowa with Rock Valley (Sioux County) reporting 1.35 inches. Three stations in Clinton County reported totals from 0.85 inch to 0.87 inch. A cold front moved through Iowa on Wednesday bringing light showers to southwestern Iowa. Spotty showers popped up in eastern Iowa later in the evening. Rain totals for the day were generally under 0.10 inch. Northwest flow kept highs in the upper 70s and low 80s.

Dry conditions returned on Thursday (11th) with seasonable temperatures under sunny skies. The average statewide high was 85 degrees. Thunderstorms returned to Iowa on Friday (12th), some of which were severe. There were two reports of one inch hail at Hawarden and Maurice in Sioux County. The storms stayed in western Iowa and dissipated after sunset. A complex of thunderstorms moved into Iowa in the early morning hours on Saturday (13th) bringing another round of locally heavy rainfall. Higher totals were reported from stronger storms with Mapleton (Monona County) reporting 1.05 inches. Conditions were nice for the rest of the day with partly to mostly sunny skies. High temperatures remained seasonal, in the low to mid 80s; 90s were reported across southern Iowa. Overnight temperatures into Sunday (14th) were in the low to mid 70s, averaging six degrees warmer than normal statewide.

Weekly rainfall totals ranged from no accumulation at multiple south-central and southeastern stations to 1.75 inches in Cherokee (Cherokee County). The statewide weekly average precipitation was 0.30 inch, which is less than one-third of the normal of 1.05 inches. The week's high temperature of 93 degrees was reported on the 13th in Donnellson (Lee County), Lowden (Cedar County), Muscatine (Muscatine County) and Osceola (Clarke County). These readings are on average seven degrees above normal. Elkader (Clayton County) and Stanley (Buchanan County) reported the week's low temperature of 54 degrees on the 13th, seven degrees below average.

Average Temperature (°F): Departure from 1981-2010 Normals
 July 08, 2019 to July 14, 2019



Accumulated Precipitation (in)
 July 08, 2019 to July 14, 2019

