



# Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 28, 2019  
Issued July 29, 2019

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This past week brought below average temperatures and little to no rain across much of the State as Iowa farmers had **5.9 days suitable for fieldwork** during the week ending July 28, 2019, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included scouting, spraying fungicides and insecticides, and harvesting hay and oats.

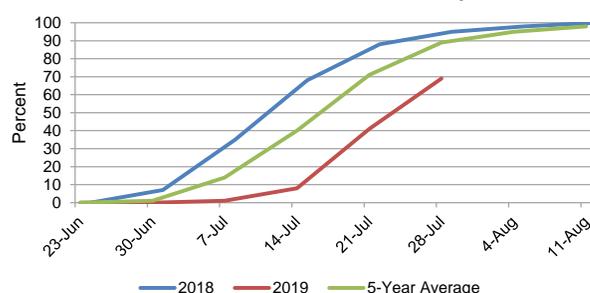
**Topsoil moisture** condition was rated 4 percent very short, 21 percent short, 71 percent adequate and 4 percent surplus. Districts in the southern third of Iowa and the east central district reported topsoil moisture conditions as over 40 percent short to very short. Some counties within those districts were also rated as abnormally dry for the first time this season according to the July 25, 2019, U.S. Drought Monitor. **Subsoil moisture** condition was rated 2 percent very short, 14 percent short, 79 percent adequate and 5 percent surplus.

Sixty-nine percent of the **corn** crop has begun to silk, 13 days behind last year and 8 days behind the 5-year average. Seven percent of the crop reached the dough stage, nearly one week behind both last year and average. Corn condition rated 65 percent good to excellent. Sixty-five percent of the **soybean** crop has started to bloom, 13 days behind last year and 10 days behind average. Thirteen percent of the crop has started setting pods, nearly two weeks behind average. Soybean condition rated 62 percent good to excellent. Ninety-four percent of **oats** started coloring, 2 days

behind last year and average. Thirty-nine percent of the oat crop has been harvested for grain, 6 days behind average. Oat condition rated 63 percent good to excellent.

The second cutting of **alfalfa hay** reached 76 percent, 6 days behind average. A third cutting of alfalfa hay has started with 2 percent complete statewide. **Hay condition** rated 62 percent good to excellent. **Pasture condition** declined for the fourth straight week with 56 percent good to excellent. Cooler temperatures this past week helped improve livestock conditions.

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



### Crop Condition as of July 28, 2019

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn .....	2	6	27	53	12
Hay, all .....	1	8	29	51	11
Oats.....	1	4	32	53	10
Soybeans .....	3	6	29	52	10
Pasture and range.....	2	10	32	49	7

### Crop Progress as of July 28, 2019

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
Corn silking .....	64	76	70	70	79	67	57	59	64	69	41	95	89
Corn dough .....	3	6	7	5	12	9	6	5	9	7	1	28	20
Hay, alfalfa, second cutting .....	88	91	86	91	87	63	79	58	78	76	56	92	85
Oats coloring.....	89	95	92	94	96	94	96	97	91	94	78	96	96
Oats harvested.....	27	40	25	40	40	37	69	62	50	39	12	57	60
Soybeans blooming.....	69	79	61	74	80	55	58	35	42	65	47	89	84
Soybeans setting pods.....	13	18	10	20	13	10	11	4	10	13	4	60	50

(NA) Not available.

### Days Suitable for Fieldwork and Soil Moisture Condition as of July 28, 2019

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
Days suitable .....	5.0	5.8	5.7	5.3	6.4	6.5	6.3	6.4	6.5	5.9	5.0	6.3
Topsoil moisture	(percent)											
Very short .....	0	1	0	6	1	13	3	6	7	4	2	5
Short .....	2	8	20	14	22	37	38	37	39	21	14	20
Adequate .....	83	89	76	75	77	47	57	57	54	71	78	71
Surplus .....	15	2	4	5	0	3	2	0	0	4	6	4
Subsoil moisture	(percent)											
Very short .....	0	1	0	4	0	5	0	2	2	2	1	6
Short .....	1	4	8	9	9	30	30	27	28	14	9	17
Adequate .....	78	93	86	85	89	64	64	71	68	79	81	72
Surplus .....	21	2	6	2	2	1	6	0	2	5	9	5

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

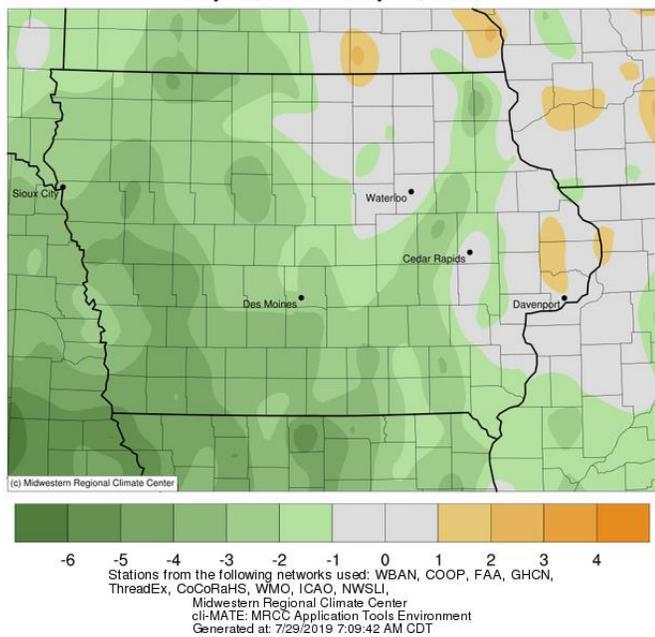
Iowa experienced a less active weather pattern during the reporting period with multiple days in which rainfall was largely absent from the state. With less thunderstorm activity, unseasonable dryness was reported across the state. Cooler than normal conditions also prevailed with average temperatures up to five degrees below normal in western Iowa. The statewide average temperature was 71.9 degrees, 1.5 degrees below normal.

Showers and isolated thunderstorms pushed out of Iowa through the rest of Sunday (21<sup>st</sup>) and into the overnight hours. Light but measurable rain fell across parts of western and southern Iowa, where totals were highest; Red Oak (Montgomery County) reported 0.32 inch while Rathbun Dam reported 0.18 inch. High temperatures were generally in the 70s with a statewide average high of 78 degrees, six degrees below normal. Unseasonably cool temperatures continued into Monday (22<sup>nd</sup>) under clear conditions and northerly flow. Dry conditions also prevailed as high pressure dominated. Overnight lows into Tuesday (23<sup>rd</sup>) dipped into the mid-50s, up to 12 degrees cooler than average. Dry and pleasant conditions continued through the day under partly cloudy skies. Highs reached the upper 70s and low 80s, continuing the unseasonable coolness; there were no reports of measurable rainfall. Wednesday (24<sup>th</sup>) was a rain-free day across the state as temperatures started to approach more seasonal values; eastern Iowa reported highs in the mid-80s while western Iowa was two to four degrees below average.

Showers and a few thunderstorms moved through Iowa most of Thursday (25<sup>th</sup>) leaving measurable rainfall across the state. The highest totals were reported across northern Iowa; Rock Valley (Sioux County) observed 0.23 inch while Forest City (Winnebago County) reported 0.46 inch. West-central Iowa also picked up totals between 0.16 inch at Mapleton (Monona County) and 0.30 inch in Denison (Crawford County). Cloud cover and rainfall kept highs 10 to 15 degrees below average in northern Iowa with the average statewide temperature at 80 degrees, five degrees below normal. Friday (26<sup>th</sup>) saw temperatures rebound with a southerly wind and clear skies. Dry conditions also prevailed into Saturday (27<sup>th</sup>) for much of the state, though a narrow band of thundershowers extended from central to eastern Iowa, generally along the I-80 corridor. The northwest quadrant of Iowa also reported showers in advance of a cold front. Rainfall totals at 7:00 am on Sunday (28<sup>th</sup>) ranged from 0.03 inch at Sioux City (Woodbury County) to 0.36 inch in Traer (Tama County). Daytime highs on Saturday were in the mid to upper 80s with a statewide average of 88 degrees, four degrees warmer than normal.

Weekly rainfall totals ranged from no accumulation at De Witt (Scott County) to 0.55 inch at Underwood (Pottawattamie County). The statewide weekly average precipitation was 0.13 inch, well below the normal of 0.97 inch. The week's high temperature of 91 degrees was reported on the 27<sup>th</sup> in Ankeny (Polk County), Donnellson (Lee County) and Newton (Jasper County), five degrees above average. Atlantic (Cass County), Denison (Crawford County), Little Sioux (Harrison County) and Mapleton (Monona County) reported the week's low temperature of 50 degrees on the 23<sup>rd</sup>, on average 13 degrees below average.

**Average Temperature (°F): Departure from 1981-2010 Normals**  
 July 22, 2019 to July 28, 2019



**Accumulated Precipitation (in)**  
 July 22, 2019 to July 28, 2019

