



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending August 9, 2020
Issued August 10, 2020

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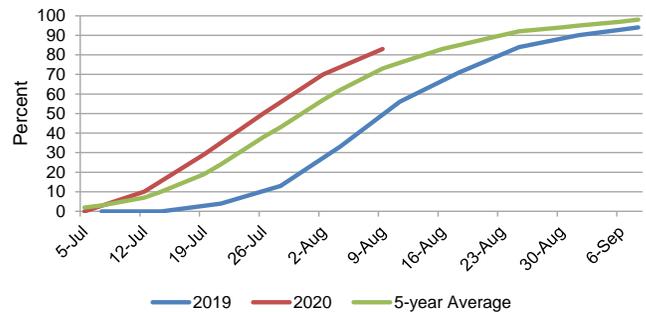
Most of Iowa saw little to no rain as farmers had 6.4 **days suitable for fieldwork** during the week ending August 9, 2020, according to the USDA, National Agricultural Statistics Service. Fieldwork activities continue to be spraying, harvesting hay and grain movement.

Topsoil moisture condition rated 22% very short, 39% short, 38% adequate and 1% surplus. For the first time since the week ending September 17, 2017, the State's topsoil moisture condition rated over half short to very short. **Subsoil moisture** condition rated 16% very short, 37% short, 46% adequate and 1% surplus. This was the first time since the week ending October 1, 2017, the State's subsoil moisture condition rated over half short to very short.

Corn was 66% in the dough stage or beyond, 12 days ahead of the previous year and 5 days ahead of the 5-year average. Corn in dent stage reached 9%. That is over a week ahead of the previous year, but just 1 day ahead of average. Corn condition fell to 69% good to excellent. **Soybeans** were 94% blooming or beyond, 4 days ahead of average. Soybeans setting pods are 2 weeks ahead of last year and a week ahead of average at 83%. Soybean condition fell to 70% good to excellent. **Oats** harvested for grain was 94% complete, 6 days ahead of last year and 4 days ahead of the average.

Alfalfa hay second cutting was 94% complete, 5 days ahead of last year but equal to the 5-year average. The third cutting was 37% complete, 10 days ahead of the previous year but equal to average. **Hay condition** continued to decline at 60% good to excellent. **Pasture condition** fell to just 37% good to excellent.

Soybeans Setting Pods - Iowa
For the Second Week of August



Crop Condition as of August 9, 2020

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	2	6	23	56	13
Hay	2	7	31	51	9
Soybeans	1	6	23	58	12
Pasture and range	6	17	40	33	4

Crop Progress as of August 9, 2020

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-yr average
	(percent)												
Corn dough	64	77	59	65	70	63	70	51	61	66	44	35	54
Corn dented	9	2	12	15	11	9	11	4	6	9	2	1	7
Hay, alfalfa, second cutting	100	98	96	99	99	99	96	88	87	94	90	90	94
Hay, alfalfa, third cutting	56	39	40	43	57	49	48	15	32	37	17	21	37
Oats harvested for grain	98	98	93	94	96	97	73	95	91	94	85	82	89
Soybeans blooming	99	100	94	99	93	89	84	86	89	94	91	84	92
Soybeans setting pods	90	99	77	89	83	78	63	72	72	83	70	49	73

Days Suitable for Fieldwork and Soil Moisture Condition as of August 9, 2020

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)											
Days suitable	6.1	6.7	6.4	6.3	6.4	6.8	6.0	6.2	6.5	6.4	6.0	5.9
	(percent)											
Topsoil moisture												
Very short	24	8	14	45	29	22	10	22	12	22	14	7
Short	46	30	43	36	43	42	47	34	27	39	33	29
Adequate	29	62	43	19	28	33	39	42	55	38	51	62
Surplus	1	0	0	0	0	3	4	2	6	1	2	2
Subsoil moisture												
Very short	18	6	8	36	20	18	9	17	6	16	10	4
Short	48	23	38	43	36	44	41	34	23	37	31	23
Adequate	34	71	54	21	44	35	46	45	65	46	57	70
Surplus	0	0	0	0	0	3	4	4	6	1	2	3

IOWA PRELIMINARY WEATHER SUMMARY

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

Reports from the Iowa Department of Agriculture and Land Stewardship and maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time on August 3, 2020, through 7:00 A.M. Central Time on August 9, 2020.

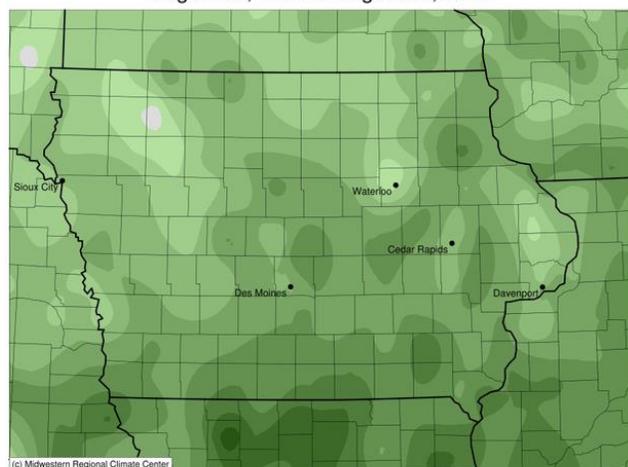
Cooler conditions greeted Iowa through the first full week of August with negative temperature departures of up to eight degrees reported across the southern part of the state. Iowa's average temperature was 69.4 degrees, 2.7 degrees below normal. Dryness persisted statewide. West-central Iowa, which is now experiencing extreme drought, did receive much needed rainfall. Portions of northwestern Iowa had precipitation deficits slightly over an inch.

Scattered showers and a few thunderstorms continued to push through southern Iowa into Sunday (2nd) afternoon as skies cleared north to south with a northerly wind. Where rain fell, totals were generally under a few tenths of inch, though some stations reported higher totals where storms lingered; Chariton (Lucas County) reported 1.05 inches. High temperatures were comfortable and cooler than average, generally in the mid to upper 70s. Overnight lows into Monday (3rd) were well below normal statewide with the coldest readings across northern Iowa, where mid 40s were reported. Temperatures across the rest of Iowa were in the 50s with the statewide average low of 54 degrees, nine degrees cooler than normal. High pressure dominated the pattern through the day into Tuesday (4th) as temperatures remained unseasonably cool, in the low to mid 70s on both days. A small disturbance pushed into western Iowa during the night into early Wednesday (5th) morning bringing light, but measurable, rainfall before dissipating as it moved into central Iowa. Rainfall was under 0.20 inch for a majority of the stations though gauges in northwest Iowa collected higher amounts; a station in Le Mars (Plymouth County) reported 0.24 inch while Denison (Crawford County) observed 0.44 inch. Partly to mostly cloudy skies persisted as daytime highs remained in the 70s with a southerly wind.

Widely scattered thunderstorms formed in western Iowa early Thursday (6th) morning and persisted through the afternoon hours. Some storms in central Iowa turned severe with a report of 1.50-inch hail in Coon Rapids (Carroll County). Rain totals were highest in central Iowa with reports between 0.20 inch and 0.50 inch. Heavier rainfall was observed in west-central Iowa from stronger thunderstorms with seven stations reporting over an inch; Perry (Dallas County) reported 1.00 inch while Madrid (Boone County) observed 1.59 inches. Morning temperatures on Friday (7th) ranged from the upper 60s northwest to low 60s southeast with a light southerly wind. Partly cloudy skies persisted through the afternoon with near-seasonal highs in the low 80s. Saturday (8th) was a warm and dry day across the state with highs reaching in the upper 80s and low 90s; the statewide average high was 88 degrees, four degrees above normal. A line of strong thunderstorms pushed into western Iowa during the early morning hours on Sunday (9th) ahead of a warm front. Additional storms fired across southwestern Iowa and continued to push towards central Iowa. Rain totals were highest across the state's northwest quadrant and ranged from 0.01 inch in Ames (Story County) to 0.80 inch in Remsen (Plymouth County).

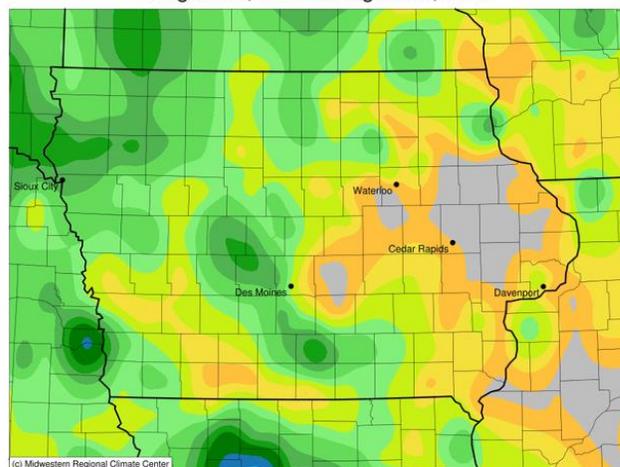
Weekly precipitation totals ranged from no accumulation at several stations to 1.60 inches in Madrid (Boone County). The statewide weekly average precipitation was 0.23 inch while the normal is 0.98 inch. Waterloo Municipal Airport (Black Hawk County) reported the week's high temperature of 93 degrees on the 8th, 10 degrees above normal. Mason City Municipal Airport (Cerro Gordo County) reported the week's low temperature of 43 degrees on the 4th, 17 degrees below normal.

Average Temperature (°F): Departure from 1981-2010 Normals
August 03, 2020 to August 09, 2020



(c) Midwestern Regional Climate Center
-9 -8 -7 -6 -5 -4 -3 -2 -1 0 1
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 8/10/2020 10:12:18 AM CDT

Accumulated Precipitation (in)
August 03, 2020 to August 09, 2020



(c) Midwestern Regional Climate Center
0.01 0.05 0.1 0.2 0.3 0.5 0.75 1 1.5 2 2.5 3 4
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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