



# Iowa Crop Progress & Condition

Upper Midwest Regional Field Office · 210 Walnut Street Ste 833 · Des Moines IA 50309 · (515) 776-3400 · (800) 772-0825  
Fax (855) 271-9802 · www.nass.usda.gov/ia

Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 25, 2021  
Issued July 26, 2021

Media Contact: Greg Thessen

Hot, dry conditions and minimal rain allowed Iowa farmers **6.4 days suitable for fieldwork** during the week ending July 25, 2021, according to the USDA, National Agricultural Statistics Service. Field activities included applying fungicides and insecticides and harvesting hay and oats.

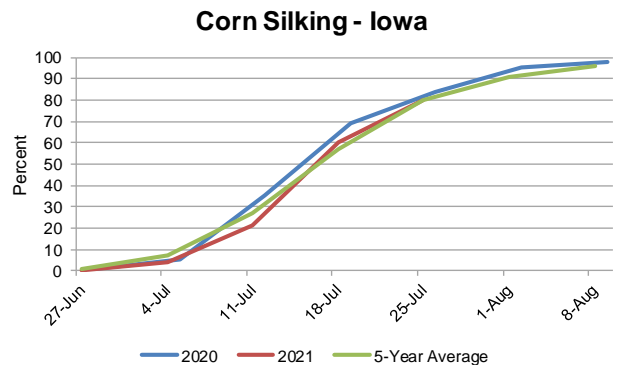
**Topsoil moisture** levels rated 14% very short, 39% short, 46% adequate and 1% surplus. **Subsoil moisture** levels rated 20% very short, 40% short, 39% adequate and 1% surplus. The shortage of moisture was especially evident in northwest Iowa, where topsoil was rated 70% short to very short and subsoil was rated 84% short to very short. In some parts of the State creeks have gone dry due to lack of rain.

The lack of precipitation is causing some stress on crops, especially in the northern third of the State. **Corn** silking or beyond reached 80%, equal to the 5-year average. Corn in the dough stage reached 21%, three days ahead of normal. Iowa's corn condition was rated 65% good to excellent. There were scattered reports of corn in the dent stage. Eighty-five percent of **soybeans** were blooming, 6 days ahead of the five-year average. Over half of Iowa's soybeans were setting pods, also 6 days ahead of normal. Soybean condition was rated 61% good to excellent. **Oats** coloring or beyond reached 94%, two days ahead of normal. Forty-eight percent of oats for grain have been harvested, 1 day ahead of the 5-year average. Iowa's oat condition rated 64% good to excellent.

The second cutting of **alfalfa hay** reached 83% complete. The third cutting was reported at 8% complete, equal to the 5-year average. **Hay condition** rated 60% good to excellent. **Pasture condition** was rated 44% good to excellent. High temperatures and humidity are impacting livestock and some producers are still fighting pinkeye in cows and calves.

## Crop Condition as of July 25, 2021

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn .....	2	5	28	55	10
Hay, all .....	2	7	31	48	12
Oats .....	1	4	31	54	10
Pasture and range .....	5	14	37	38	6
Soybeans .....	2	6	31	52	9



## Crop Progress as of July 25, 2021

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 .....	83	92	65	75	81	80	83	85	75	80	60	84	80
Corn dough .....	13	22	19	15	27	28	27	17	30	21	6	21	13
Hay, alfalfa, second cutting .....	90	92	91	93	90	90	85	71	65	83	63	83	84
Hay, alfalfa, third cutting .....	14	20	5	16	10	9	6	3	12	8	2	4	8
Oats coloring .....	92	100	92	96	92	92	90	99	93	94	85	94	92
Oats harvested .....	60	63	43	65	41	43	30	36	50	48	24	51	47
Soybeans blooming .....	87	91	78	84	91	85	82	77	85	85	75	83	77
Soybeans setting pods .....	57	68	45	56	71	55	36	29	42	54	30	47	38

## Days Suitable for Fieldwork and Soil Moisture Condition as of July 25, 2021

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 .....	6.2	6.8	5.6	6.3	6.8	6.8	6.3	6.5	6.3	6.4	4.3	6.0
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short .....	26	14	5	16	24	19	0	7	0	14	6	11
Short .....	44	47	52	38	51	40	23	19	13	39	27	27
Adequate .....	29	39	43	46	24	41	73	70	84	46	62	59
Surplus .....	1	0	0	0	1	0	4	4	3	1	5	3
Subsoil moisture												
Very short .....	38	18	5	29	25	24	7	10	3	20	15	6
Short .....	46	41	54	46	51	34	35	21	11	40	37	26
Adequate .....	16	41	41	25	22	42	57	69	78	39	46	65
Surplus .....	0	0	0	0	2	0	1	0	8	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 July 19, 2021, through 7:00 A.M. Central Time on July 25, 2021.

A transition to a less active storm track brought quieter conditions to Iowa during the reporting period with unseasonable dryness statewide; negative rainfall departures of near an inch were reported in northeastern Iowa. Hazy and warm conditions persisted as a stagnant pattern set up over the Midwest. Near-normal seven-day temperatures were reported in the southwest with positive departures of up to four degrees observed northeast; the statewide average temperature was 75.4 degrees, 1.2 degrees above normal.

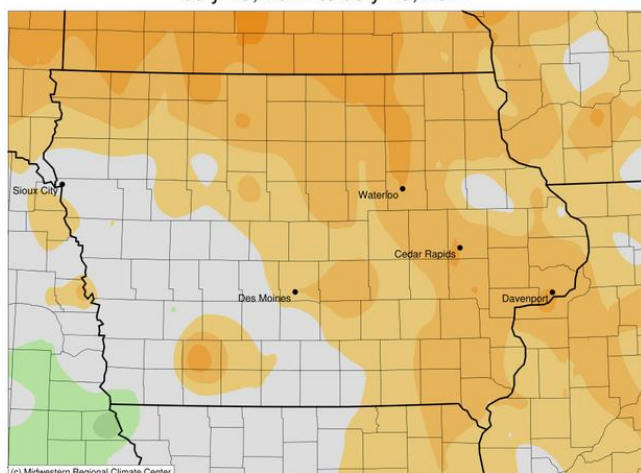
Afternoon temperatures on Sunday (19<sup>th</sup>) stayed in the low to mid 80s across Iowa with partly cloudy skies and variable winds. Conditions into Monday (20<sup>th</sup>) morning were generally calm with isolated fog and widespread upper-level haze from western wildfire smoke observed over the Midwest. Temperatures ranged from the mid 50s northwest to mid 60s southeast with a statewide average low of 61 degrees, just two degrees below normal. Similar conditions continued into Tuesday (21<sup>st</sup>) with extremely isolated showers producing light rain in northern and eastern Iowa; only a few stations reported rainfall with a gauge near Center Point (Linn County) collecting 0.25 inch. Overnight lows stayed in the mid to upper 60s as another small area of light rain moved over northern Iowa. A southerly wind shift into Wednesday (22<sup>nd</sup>) allowed daytime highs to reach into the mid 80s across much of Iowa as gradual warming through the end of the week began. Skies remained clear overnight with a brilliant sunrise above a smokey horizon on Thursday (23<sup>rd</sup>). Sunshine and gusty southerly winds boosted highs into the upper 80s and low 90s through the day.

Cloud cover increased across northwestern Iowa in advance of a low pressure system moving through the Dakotas into Minnesota. The southern flank of the system brought showers through northern Iowa into Friday (24<sup>th</sup>) morning before dissipating in northeastern Iowa a few hours later. Rain totals were light with under 30 stations reporting measurable amounts; Sibley (Osceola) observed 0.24 inch while Everly (Clay County) only reported 0.01 inch. Partly cloudy skies gradually cleared in southeastern Iowa as a weak cold front dropped south across the state producing northerly winds and slightly lower humidity. Even with the passing boundary, high temperatures remained in the upper 80s and low 90s with a statewide average high of 90 degrees, six degrees above normal. As variable winds built-in overnight, a wide range of morning temperatures was reported at 7:00 am on Sunday (25<sup>th</sup>); Stanley (Buchanan County) observed 57 degrees, two degrees below average, while 74 degrees was reported at Keokuk Lock and Dam (Lee County); this reading was seven degrees above average.

Weekly precipitation totals ranged from no accumulation at most of Iowa's reporting stations to 0.64 inch at Swea City (Kossuth County). The statewide weekly average precipitation was 0.02 inch while the normal is 0.93 inch. Corning (Adams County) and Sioux City Airport (Woodbury County) observed the week's high temperature of 96 degrees on the 24<sup>th</sup>, on average 11 degrees above normal. Spencer Municipal Airport (Clay County) reported the week's low temperature of 54 degrees on the 19<sup>th</sup>, nine degrees below normal.

**Average Temperature (°F): Departure from 1991-2020 Normals**

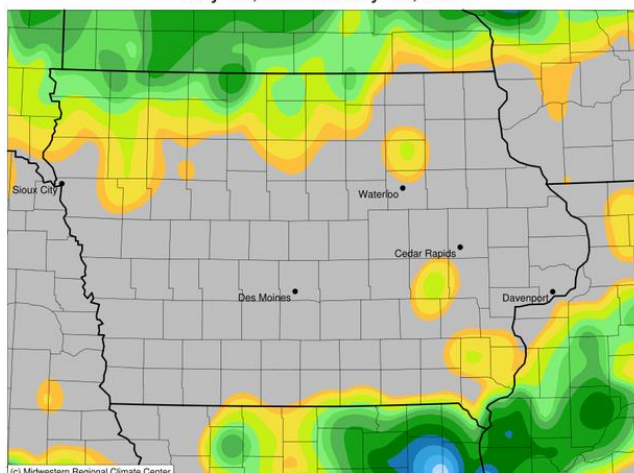
July 19, 2021 to July 25, 2021



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: 7/26/2021 10:18:35 AM CDT

**Accumulated Precipitation (in)**

July 19, 2021 to July 25, 2021



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: 7/26/2021 10:08:30 AM CDT