



# 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 May 30, 2021  
Issued June 1, 2021

Media Contact: Greg Thessen

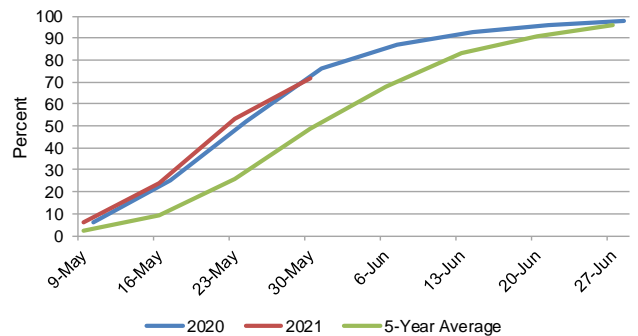
Beneficial rains helped stimulate crop growth and cool, cloudy conditions allowed needed moisture to stay in the soil during the week ending May 30, 2021 according to the USDA, National Agricultural Statistics Service. Below normal overnight temperatures, primarily in low-lying areas, resulted in scattered reports of frost. Statewide there were **3.4 days suitable for fieldwork** during the week. In addition to planting, field activities included spraying, side dressing and chopping cover crops.

**Topsoil moisture** levels rated 1% very short, 14% short, 76% adequate and 9% surplus. **Subsoil moisture** levels rated 10% very short, 28% short, 58% adequate and 4% surplus.

**Corn** planting is virtually complete. Corn emergence reached 87%, 5 days ahead of the 5-year average. Iowa's corn condition rated 81% good to excellent. Ninety-three percent of the **soybean** crop has been planted, 12 days ahead of normal. Farmers in southeast Iowa have just over one-quarter of their soybean crop remaining to be planted. Soybeans emerged reached 72%, 9 days ahead of the 5-year average. Iowa's first soybean condition rating of the season showed 0% very poor, 1% poor, 23% fair, 60% good and 16% excellent. **Oat** emergence is nearly complete with 21% of oats headed, 5 days ahead of normal. Iowa's oat condition rated 70% good to excellent.

Seventeen percent of the State's first cutting of **alfalfa hay** has been completed, 2 days behind the 5-year average. Iowa's **hay condition** was rated 62% good to excellent. **Pasture condition** improved to 54% good to excellent. There was little stress on livestock although some feedlots remain muddy.

Soybeans Emerged - Iowa



## Crop Condition as of May 30, 2021

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn .....	0	1	18	62	19
Hay, all .....	1	6	31	48	14
Oats .....	1	2	27	54	16
Pasture and range .....	4	12	30	41	13
Soybeans .....	0	1	23	60	16

## Crop Progress as of May 30, 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 emerged .....	91	93	83	82	89	85	92	83	81	87	75	91	80
Hay, alfalfa, first cutting .....	28	13	23	29	37	15	12	6	14	17	6	14	24
Oats headed .....	24	20	13	39	34	13	31	26	15	21	8	4	12
Soybeans planted .....	99	99	97	93	97	93	91	84	74	93	89	95	78
Soybeans emerged .....	79	83	71	65	81	65	69	61	55	72	53	73	49

## Days Suitable for Fieldwork and Soil Moisture Condition as of May 30, 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 .....	3.8	3.7	3.1	3.5	4.4	2.8	3.7	2.5	1.7	3.4	2.4	2.7
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short .....	2	0	0	2	3	1	1	0	4	1	3	1
Short .....	28	5	15	21	17	9	5	7	4	14	15	1
Adequate .....	63	90	78	74	71	86	80	79	59	76	71	78
Surplus .....	7	5	7	3	9	4	14	14	33	9	11	20
Subsoil moisture												
Very short .....	21	4	2	17	10	3	12	13	2	10	11	0
Short .....	29	28	25	40	38	21	26	21	6	28	29	1
Adequate .....	44	67	66	43	47	72	62	65	77	58	54	81
Surplus .....	6	1	7	0	5	4	0	1	15	4	6	18

# 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 May 24, 2021, through 7:00 A.M. Central Time on May 30, 2021.

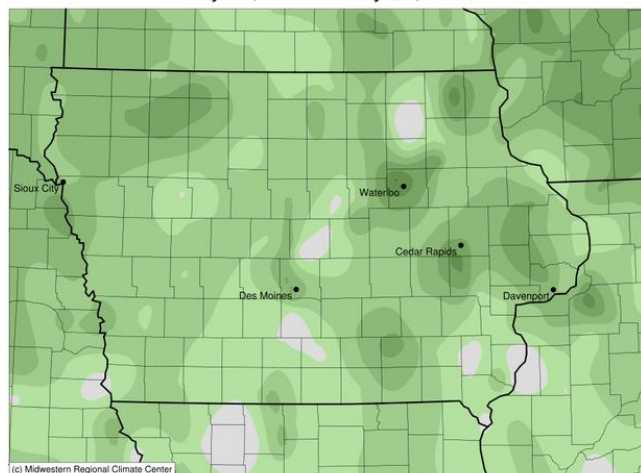
May's final full week brought several days of cloud cover to Iowa with slightly cooler than normal temperatures blanketing the state; the statewide average temperature was 60.8 degrees, 2.9 degrees below normal. Measurable rain also fell over Iowa, though totals were still below average for this time of year with 0.50 inch to 1.00 inch deficits observed in portions of southern Iowa.

Spotty showers popped up across eastern Iowa through the afternoon and evening hours on Sunday (23<sup>rd</sup>) as daytime temperatures pushed into the low 80s south to mid 80s northwest; conditions remained in the upper 70s over the northeast where clouds were present. Rainfall was generally under a few tenths of an inch, though two stations near Coralville (Johnson County) measured 1.15 inches and 1.28 inches, respectively, from a heavier cell. Clouds cleared the state around midnight but returned as a disturbance moved into western Iowa. Spotty showers formed in eastern Iowa over the morning hours of Monday (24<sup>th</sup>) and persisted for several hours. Daytime highs remained in the upper 70s and low 80s with a southerly wind and partly sunny skies. Additional showers moved into northwestern Iowa along the border with South Dakota and Minnesota; five rain gauges in Lyon County collected from 0.61 inch to 1.15 inches from the heavier showers. With a warm air mass situated over the Midwest, overnight lows into Tuesday (25<sup>th</sup>) were very warm, remaining in the upper 60s, with a 71-degree reading at Clinton (Clinton County). Temperatures were up to 15 degrees above average with a statewide average low of 66 degrees, 13 degrees warmer than normal. In advance of a strong cold front, afternoon temperatures reached into the low to mid 80s and sunny skies, leading to atmospheric instability. As the front advanced into central Iowa, strong and some severe thunderstorms fired in the evening, quickly losing strength as the sun set; 1.25-inch hail was reported in Des Moines (Polk County).

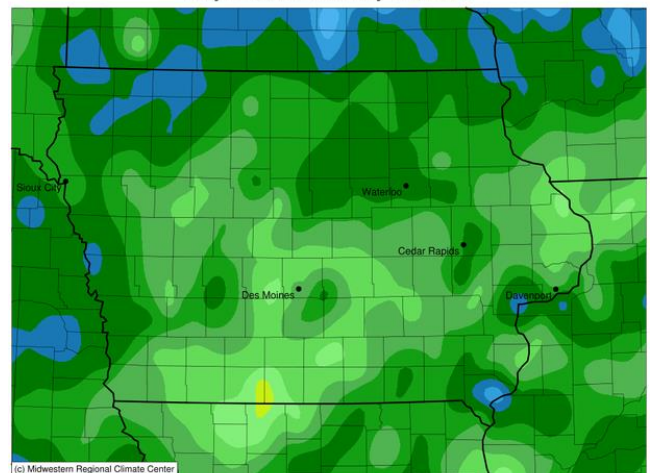
Winds shifted to a northerly direction behind the front as clouds cleared on Wednesday (26<sup>th</sup>). Pleasant conditions persisted with 70s observed over much of Iowa. Clouds increased west to east as a low pressure system pushed into southwestern Iowa early on Thursday (27<sup>th</sup>) morning streaming additional showers across the region. The disturbance cleared Iowa's northeastern corner later in the afternoon as cooler air rushed in behind. Under cloudy skies and northerly winds, overnight lows retreated into the low 40s. Event rainfall totals observed at 7:00 am on Friday (28<sup>th</sup>) showed nearly 50 stations picking up an inch or more with a gauge near Fort Madison (Lee County) measuring 2.40 inches; the statewide average rainfall was 0.57 inch. Daytime highs did not deviate much from morning, only breaking into the upper 40s and low 50s, well below normal for the end of May. Overnight temperatures into Saturday (29<sup>th</sup>) were at or below freezing at several northern and eastern Iowa stations with the remaining stations in the mid 30s and low 40s; the statewide average low was 37 degrees, 13 degrees below normal. Afternoon conditions were generally sunny with low to mid 60s and variable winds. Clouds again increased into Sunday (30<sup>th</sup>) as rain showers moved into northwestern Iowa with Spencer Municipal Airport (Clay County) reporting 0.49 inch at 7:00 am.

Weekly precipitation totals ranged from 0.14 inch at Beaconsfield (Ringgold County) to 3.05 inches near Fort Madison. The statewide weekly average precipitation was 0.89 inch while the normal is 1.08 inches. Several stations observed the week's high temperature of 87 degrees between the 24<sup>th</sup> and 26<sup>th</sup>, on average 13 degrees above normal. Elkader (Clayton County) reported the week's low temperature of 29 degrees on the 29<sup>th</sup>, 22 degrees below normal.

**Average Temperature (°F): Departure from 1991-2020 Normals**  
May 24, 2021 to May 30, 2021



**Accumulated Precipitation (in)**  
May 24, 2021 to May 30, 2021



-7 -2 3  
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center cli-MATE: MRCC Application Tools Environment  
Generated at: 6/1/2021 10:04:39 AM CDT

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, Midwest Regional Climate Center cli-MATE: MRCC Application Tools Environment  
Generated at: 6/1/2021 10:00:59 AM CDT

Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>  
Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>