



# Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending May 31, 2020  
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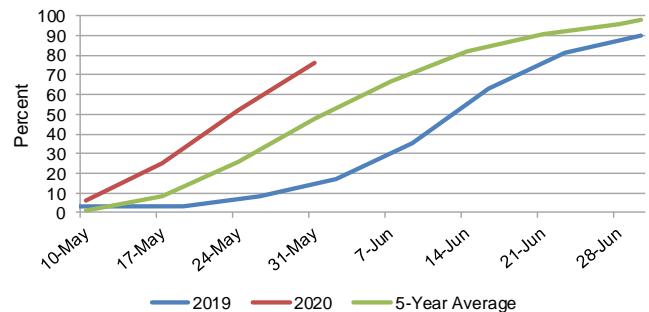
Rain throughout the week resulted in **2.7 days suitable for fieldwork** during the week ending May 31, 2020, according to the USDA, National Agricultural Statistics Service. Warmer temperatures advanced crop development.

**Topsoil moisture** levels rated 1% very short, 1% short, 78% adequate and 20% surplus. **Subsoil moisture** levels rated 0% very short, 1% short, 81% adequate and 18% surplus.

Iowa farmers have planted 98% of the expected **corn** crop, 2 weeks ahead of last year and 1 week ahead of the 5-year average. Corn emergence was at 93%, almost 3 weeks ahead of last year and 10 days ahead of the 5-year average. Corn condition improved to 85% good to excellent. The **soybean** crop moved to 95% planted, 3 weeks ahead of last year and over 2 weeks ahead of average. Seventy-six percent of the soybean crop has emerged, 3 weeks ahead of last year and 11 days ahead of the 5-year average. Soybean condition rated 81% good to excellent. Ninety-eight percent of the **oat** crop has emerged with 5% headed. Oat condition rated 83% good to excellent.

The State's first cutting of **alfalfa hay** has been 16% completed, 5 days ahead of last year. **Hay condition** rated 74% good to excellent. **Pasture condition** improved to 66% good to excellent. There was little stress on livestock although feedlots remain muddy.

**Soybeans Emerged - Iowa For the Fifth Week of May**



**Crop Condition as of May 31, 2020**

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn .....	0	1	14	71	14
Hay .....	0	3	23	63	11
Oats .....	0	1	16	71	12
Pasture and ... range .....	0	6	28	51	15
Soybeans .....	0	1	18	70	11

**Crop Progress as of May 31, 2020**

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 .....	98	99	94	91	96	91	81	91	87	93	82	53	81
Hay, alfalfa, first cutting .....	27	20	9	16	34	22	14	9	20	16	4	3	27
Oats headed .....	1	1	0	2	6	11	15	2	18	5	(NA)	5	14
Soybeans planted .....	98	100	98	92	98	96	82	90	92	95	92	38	75
Soybeans emerged .....	88	96	84	67	80	69	57	73	59	76	52	14	48

(NA) Not available.

**Days Suitable for Fieldwork and Soil Moisture Condition as of May 31, 2020**

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 .....	3.4	2.9	2.6	2.3	2.9	3.3	1.7	1.1	3.2	2.7	2.5	1.3
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short .....	1	0	0	0	0	0	11	0	0	1	0	0
Short .....	3	0	1	2	1	1	1	0	1	1	2	0
Adequate .....	81	87	84	85	79	66	71	42	78	78	76	50
Surplus .....	15	13	15	13	20	33	17	58	21	20	22	50
Subsoil moisture												
Very short .....	1	0	1	0	0	0	0	0	0	0	1	0
Short .....	3	2	3	1	1	0	1	0	1	1	3	0
Adequate .....	75	87	83	92	81	64	83	57	84	81	79	49
Surplus .....	21	11	13	7	18	36	16	43	15	18	17	51

# 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 25, 2020, through 7:00 A.M. Central Time on May 31, 2020.

The final week of May was warmer and wetter across much of Iowa as an active storm track brought multiple systems through the state; above average rain totals were reported at a majority of stations. Near seasonal temperatures were observed across western Iowa with warmer conditions farther east; the statewide average temperature was 66.3 degrees, 2.3 degrees above normal.

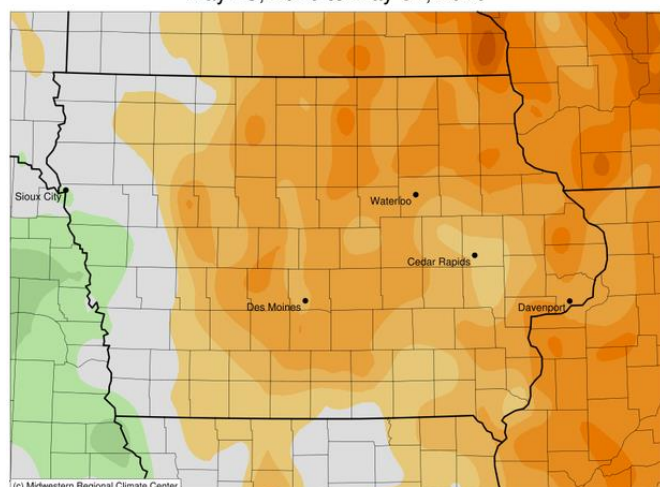
A line of strong thunderstorms with heavy rain continued moving through western Iowa into the early afternoon hours of Sunday (24<sup>th</sup>) before quickly dissipating as it moved into central Iowa. With southerly winds and clearing skies, daytime highs reached into the upper 70s and low 80s, allowing for instability to build in ahead of another disturbance that pushed into southwestern Iowa during the evening; this system produced a few strong thunderstorms along with a wide area of measurable rainfall. Totals reported on Monday (25<sup>th</sup>) were highest along a swath from southwestern to north-central Iowa with amounts generally at or above 0.50 inch; nearly 30 stations reported totals above an inch with Oakland (Pottawattamie County) reporting 2.42 inches. A southerly flow brought waves of showers and thunderstorms through the day with isolated severe thunderstorms across central Iowa. Johnston (Polk County) reported a brief EF-1 tornado with an estimated peak wind speed of 95 mph. Tuesday (26<sup>th</sup>) was another active day as a low pressure center spun into Iowa. Multiple bands of showers and thunderstorms moved through the state with several severe thunderstorms reported during the afternoon. Three weak tornadoes were observed in Dallas, Guthrie and Wright counties, though no significant damage was reported. Rain totals were highest in western Iowa with a majority of stations across Iowa reporting measurable rainfall; the statewide average was 0.33 inch of rain.

The low exited into Minnesota early on Wednesday (27<sup>th</sup>) as high temperatures topped out in the 70s under cloudy skies. Another line of showers and thunderstorms crept through the state ahead of a sluggish frontal boundary overnight and through Thursday (28<sup>th</sup>). Morning lows remained on the warm side, averaging 62 degrees statewide, nine degrees above normal. The front finally pushed out of eastern Iowa overnight as cloud cover thinned. Rain totals were highest in the northeast where Guttenberg Lock and Dam (Clayton County) reported 3.80 inches. General totals from 0.25 inch to 1.00 inch were reported from central to eastern Iowa with another pocket of heavy rainfall reported in southeastern Iowa; Brighton (Washington County) observed 2.25 inches. Friday (29<sup>th</sup>) was pleasant statewide with northwesterly winds and partly to mostly sunny skies. Daytime temperatures remained in the upper 60s and low 70s. Overnight lows into Saturday (30<sup>th</sup>) dipped into the low to mid 50s, with upper 40s observed in north-central Iowa. Another weak disturbance brought periods of showers across Iowa's southwestern quarter through the day. Totals were generally light, though a small band of over one-half inch was reported across a few southwestern counties with Lamoni (Decatur County) reporting 0.60 inch. Amounts quickly tapered off northeast of this band. Morning lows on Sunday (31<sup>st</sup>) varied across the state with upper 40s in eastern Iowa under clear skies to upper 50s across western Iowa, where cloud cover was observed.

Weekly rain totals ranged from 0.12 inch in Remsen (Plymouth County) to 4.29 inches in Tripoli (Bremer County). The statewide weekly average precipitation was 1.57 inches while the normal is 1.07 inches. Muscatine (Muscatine County) reported the week's high temperature of 89 degrees on the 25<sup>th</sup>, 12 degrees above normal. Elkader (Clayton County) and Stanley (Buchanan County) reported the week's low temperature of 43 degrees on the 30<sup>th</sup>, on average eight degrees below normal.

Average Temperature (°F): Departure from 1981-2010 Normals

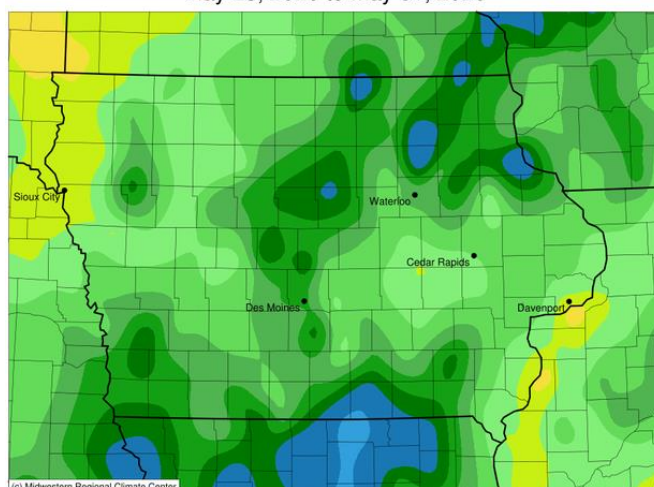
May 25, 2020 to May 31, 2020



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
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Accumulated Precipitation (in)

May 25, 2020 to May 31, 2020



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  
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