



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending October 10, 2021
Issued October 12, 2021

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Scattered precipitation slowed harvest in some areas, but statewide Iowa's farmers had **5.3 days suitable for fieldwork** during the week ending October 10, 2021, according to the USDA, National Agricultural Statistics Service. Field activities included harvesting soybeans and corn, fall tillage and applying fertilizer.

Topsoil moisture levels rated 12 percent very short, 31 percent short, 55 percent adequate and 2 percent surplus. **Subsoil moisture** levels rated 18 percent very short, 36 percent short, 45 percent adequate and 1 percent surplus.

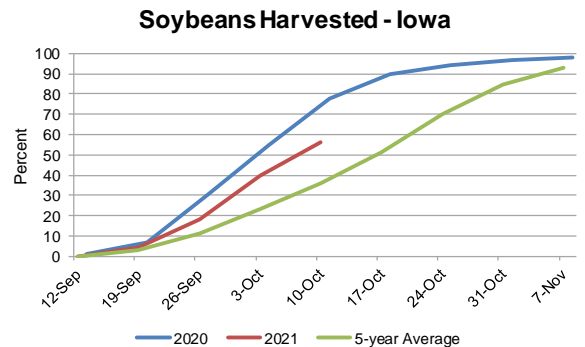
Ninety-five percent of the **corn** crop has reached maturity, 8 days ahead of the 5-year average. Close to one-third of corn for grain has been harvested at 30 percent complete statewide, also 8 days ahead of normal. Moisture content of field corn being harvested for grain was 19 percent. Iowa's corn condition rated 62 percent good to excellent.

Soybeans dropping leaves or beyond reached 96 percent, one week ahead of normal. More than half of Iowa's soybean crop has been harvested at 56 percent, 9 days ahead of the five-year average. Soybean condition was rated 63 percent good to excellent.

Pasture condition rated 32 percent good to excellent. Overall, livestock were faring well, although conditions varied with some reports of muddy feedlots but also water shortage issues for cattle on pasture.

Crop Condition as of October 10, 2021

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	2	7	29	49	13
Pasture and range.....	10	24	34	30	2
Soybeans.....	2	6	29	48	15



Crop Progress as of October 10, 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 mature	99	95	91	89	96	98	96	98	95	95	87	96	88
Corn harvested for grain	29	28	25	22	36	36	31	23	41	30	19	40	18
Soybeans dropping leaves	99	97	99	98	98	94	90	89	92	96	92	96	91
Soybeans harvested	61	60	48	65	68	60	40	28	41	56	40	75	36

Days Suitable for Fieldwork and Soil Moisture Condition as of October 10, 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	6.0	5.2	3.8	5.4	5.5	4.9	5.3	5.8	6.1	5.3	5.5	6.6
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	2	1	2	15	19	25	3	28	22	12	13	17
Short	21	31	21	31	30	40	39	51	27	31	32	34
Adequate	73	67	72	54	48	35	56	21	50	55	53	49
Surplus	4	1	5	0	3	0	2	0	1	2	2	0
Subsoil moisture												
Very short	4	11	3	26	27	36	6	38	23	18	17	21
Short	23	37	24	42	44	37	47	45	30	36	36	37
Adequate	72	52	71	32	28	27	47	17	47	45	46	42
Surplus	1	0	2	0	1	0	0	0	0	1	1	0

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 October 4, 2021, through 7:00 A.M. Central Time on October 10, 2021.

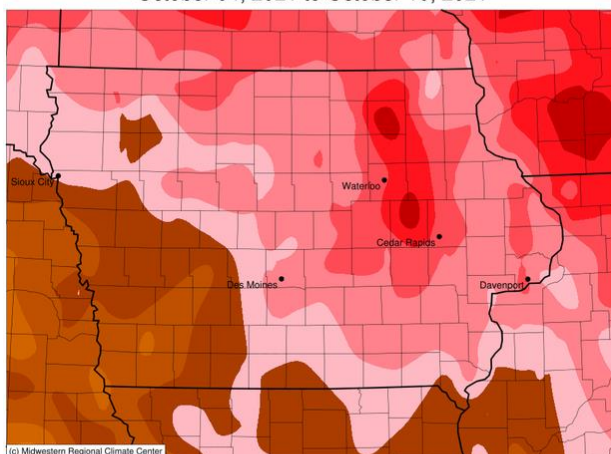
Warmer than average conditions continued across Iowa over the reporting period with positive departures of up to 14 degrees in the state's northeastern corner. The statewide average temperature was 65.2 degrees, 11.7 degrees above normal. Precipitation behavior flipped from last week as much of eastern Iowa received measurable rainfall while western Iowa reported dry conditions.

Clouds cleared from west to east through Sunday (3rd) afternoon as northerly winds built in with daytime highs remaining in the mid to upper 70s. Under clear skies and light winds, overnight low temperatures ranged from the low 40s northwest to mid 50s southeast with a statewide average low of 50 degrees, five degrees above normal. Cloud cover pushed back into Iowa's eastern one-third during Monday (4th) morning, holding afternoon highs in the low to mid 70s; clear skies and sunshine warmed temperatures into the upper 70s. With high pressure dominating, the weather pattern remained quiet into Tuesday (5th) with light and variable winds overnight. Scattered morning fog was also reported across northern Iowa stations but quickly burned off as the sun rose. An upper-level disturbance moved through the Midwest over the afternoon hours, shifting winds to an easterly direction and covering the state in mostly cloudy conditions. High temperatures varied from the upper 60s east to upper 70s west with clear skies prevailing in northwestern Iowa. Clouds lingered overnight into Wednesday (6th), holding morning lows in the low to mid 60s, averaging about 10 degrees above normal for early October. Light rain filtered into southeastern Iowa later in the day as a low pressure center spun over Missouri. Additional isolated showers moved into eastern Iowa overnight with rain totals reported at 7:00 am on Thursday (7th) generally below a tenth of an inch; a few stations measured higher totals with Clinton (Clinton County) observing 0.50 inch. Morning lows were well-above average with several stations registering temperatures closer to their climatological high temperatures; the statewide average low was 60 degrees, 17 degrees above normal.

The low pressure center remained cutoff from the upper-level westerly steering flow, slowing down the system appreciably. Waves of showers spun into eastern Iowa through the evening hours with a concentrated area of rain showers covering northeastern Iowa overnight into Friday (8th). The showers finally departed eastern Iowa in the afternoon as skies cleared with daytime temperatures rising into the low 80s; the statewide average high was 80 degrees, 17 degrees above normal. Event rain totals were highest in northeastern Iowa where over 20 stations observed an inch or more; a gauge near New Hampton (Chickasaw County) measured 2.70 inches while a gauge in Waucoma (Fayette County) measured 4.77 inches. Amounts tapered off rapidly farther west with a few tenths of an inch in east-central Iowa. Starry skies were visible overnight into Saturday (9th) with patchy morning fog in the northeast. Gusty southeasterly winds increased throughout the day in advance of a strong low pressure system over the Dakotas. Afternoon temperatures were warmer than average with upper 70s and low 80s observed statewide. Rain showers formed along a warm front as it lifted north through eastern Iowa. Rain totals at 7:00 am on Sunday (10th) were very light, amounting to a few one-hundredths, though De Witt (Clinton County) reported 0.20 inch.

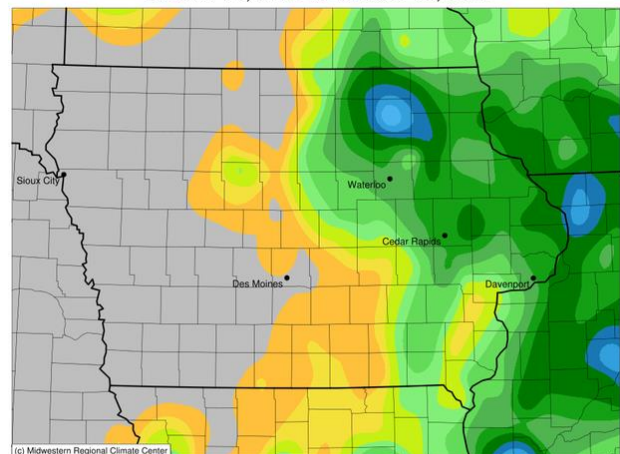
Weekly rain totals ranged from no accumulation across much of western Iowa to 4.86 inches in Waucoma. The statewide weekly average precipitation was 0.26 inch while the normal is 0.66 inch. Clarinda (Page County), Little Sioux (Harrison County) and Shenandoah (Page County) observed the week's high temperature of 86 degrees on the 8th, on average 17 degrees above normal. Guthrie Center (Guthrie County) reported the week's low temperature of 41 degrees on the 4th, two degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
October 04, 2021 to October 10, 2021



0 5 10 15
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: 10/12/2021 10:13:56 AM CDT

Accumulated Precipitation (in)
October 04, 2021 to October 10, 2021



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, cli-MATE: MRCC Application Tools Environment
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