



Harvest continued with **6.1 days suitable for fieldwork** during the week ending October 16, 2022, according to the USDA, National Agricultural Statistics Service. Fieldwork included harvesting row crops, fall tillage, and applying fall fertilizer and manure.

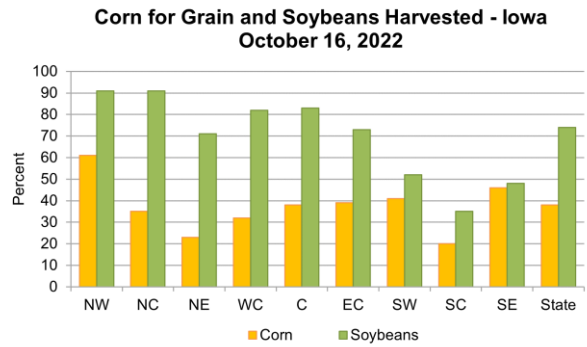
Topsoil moisture condition rated 21 percent very short, 40 percent short, 38 percent adequate and 1 percent surplus. **Subsoil moisture** condition rated 23 percent very short, 41 percent short, 36 percent adequate and 0 percent surplus.

Corn in the mature stage or beyond was 96 percent, 1 day behind last year but 4 days ahead of the 5-year average. Harvest of the State's corn crop reached 38 percent complete, 2 days behind last year but 6 days ahead of the average. Moisture content of field corn being harvested for grain was 19 percent. Corn condition rose to 65 percent good to excellent. **Soybeans** dropping leaves or beyond were at 96 percent. Soybeans harvested reached 74 percent complete, 11 days ahead of the average.

Pasture condition rated 29 percent good to excellent. No livestock issues were reported.

Crop Condition as of October 16, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	2	7	26	51	14
Pasture and range .	13	24	34	26	3



Crop Progress as of October 16, 2022

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Corn mature	98	98	86	94	97	98	98	96	96	96	92	97	93
Corn harvested for grain	61	35	23	32	38	39	41	20	46	38	23	41	29
Soybeans dropping leaves ...	99	99	97	99	95	97	94	86	90	96	93	98	96
Soybeans harvested	91	91	71	82	83	73	52	35	48	74	55	68	49

Days Suitable for Fieldwork and Soil Moisture Condition as of October 16, 2022

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	6.7	6.4	5.8	6.0	6.2	5.5	6.1	6.2	5.3	6.1	6.5	4.7
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	28	7	16	23	21	22	7	38	30	21	19	8
Short	55	42	39	39	35	39	32	36	47	40	39	34
Adequate	16	51	45	38	42	39	61	24	23	38	41	57
Surplus	1	0	0	0	2	0	0	2	0	1	1	1
Subsoil moisture												
Very short	35	8	12	33	25	13	16	36	33	23	22	16
Short	46	39	46	31	40	47	30	40	45	41	38	38
Adequate	18	53	42	36	33	40	54	24	22	36	39	46
Surplus	1	0	0	0	2	0	0	0	0	0	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 10, 2022, through 7:00 A.M. Central Time on October 16, 2022.

As fall colors continue to show across Iowa, cooler conditions were felt over the reporting period. Northeastern Iowa saw negative departures of up to four degrees while near-normal temperatures were found southwest; the statewide average temperature was 50.3 degrees, 2.6 degrees below normal. While rainfall was widespread, many stations reported deficits of more than 0.50 inch.

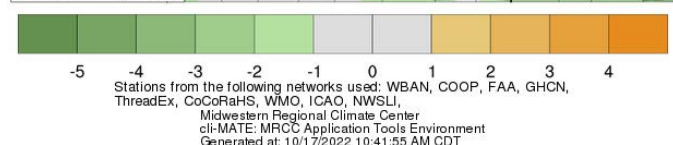
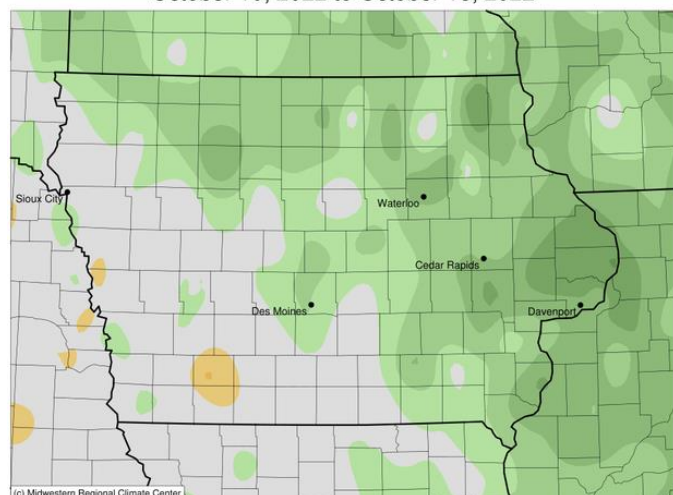
Iowans experienced pleasant conditions into Sunday (9th) afternoon with low to mid 70s and mostly sunny skies. Light and variable winds persisted overnight as temperatures cooled into the low 30s northwest to low 40s southeast under the stars. Unseasonably warm temperatures returned to Iowa on Monday (10th) as daytime highs pushed into the upper 70s and low 80s across the state's western two-thirds. Strengthening southerly winds held overnight lows in the low 50s north to upper 50s south. Spotty showers skirted several counties in southeastern Iowa after sunrise on Tuesday (11th) leaving behind minor rain totals. Wind speeds increased through the day as a strong cold front approached from the west. Clear skies in northwestern Iowa allowed temperatures to rise into the low 80s while cloud cover and rain held temperatures in the mid 60s in the southeast. The surface boundary finally pushed over western Iowa just before midnight with a few severe-warned thunderstorms along the Iowa-Nebraska border. The complex brought widespread rainfall as a secondary line fired in eastern Iowa around 3:00 am on Wednesday (12th). Rainfall totals were highest in west-central and eastern Iowa as at least 10 stations observed 0.50 inch or more with general totals around 0.20 inch; a Community Collaborative Rain, Hail and Snow (CoCoRaHS) network gauge in Cedar Rapids (Linn County) hit 0.57 inch while Persia (Harrison County) registered 1.21 inches.

Pockets of showers continued to filter in through the afternoon and evening hours as winds shifted to a northwesterly direction. Colder air behind the front held afternoon highs in the 50s under partly to mostly cloudy skies. Rain totals from the backside of the disturbance reported at 7:00 am on Thursday (13th) were under 0.20 inch with Hopkinton (Delaware County) dumping out 0.19 inch. Morning lows varied from the mid 30s in northern Iowa to the low 40s farther south. Gusty northwesterly winds persisted with chilly daytime temperatures hovering in the low to mid 40s in northeastern Iowa. A fast-moving low pressure center brought very light rain showers to Iowa's southeastern half through Friday (14th) leading to damp and chilly conditions; temperatures again held in the 40s and low 50s east to west. Rainfall amounts were no more than a trace at most stations to 0.20 inch at Augusta (Lee County). Skies cleared into Saturday (15th) morning with low temperatures in the 20s and low 30s; the statewide average low was 27 degrees, 13 degrees below normal. Conditions through the afternoon rebounded with seasonal temperatures across much of western Iowa; low to mid 50s in western Iowa were 10-12 degrees below average. Clouds moved into western Iowa through early Sunday (16th) with mid 30s to low 40s registering on thermometers across the state.

Weekly rain totals ranged from no accumulation at multiple Iowa stations to 1.30 inches in Monticello (Jones County). The statewide weekly average rainfall was 0.18 inch; the normal is 0.54 inch. Little Sioux (Harrison County) and Sioux City Airport (Woodbury County) reported the week's high temperature of 84 degrees on the 11th, on average 18 degrees above normal. Spencer Municipal Airport (Clay County) reported the week's low temperature of 21 degrees on the 15th, 17 degrees below normal.

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

October 10, 2022 to October 16, 2022



Accumulated Precipitation (in)

October 10, 2022 to October 16, 2022

