



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending October 3, 2021
Issued October 4, 2021

Media Contact: Greg Thessen

Harvest made good progress even with variable precipitation late in the week, allowing Iowa's farmers **5.5 days suitable for fieldwork** during the week ending October 3, 2021, according to the USDA, National Agricultural Statistics Service. Field activities included harvesting hay, soybeans and corn.

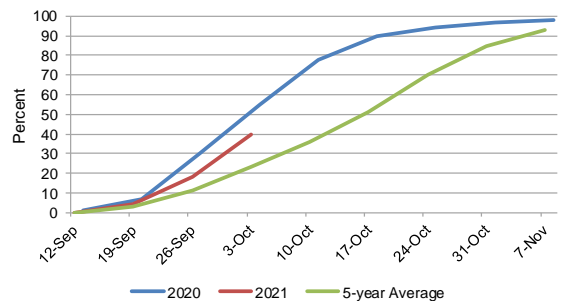
Topsoil moisture levels rated 13 percent very short, 32 percent short, 53 percent adequate and 2 percent surplus. **Subsoil moisture** levels rated 17 percent very short, 36 percent short, 46 percent adequate and 1 percent surplus.

Eighty-seven percent of the **corn** crop has reached maturity, six days ahead of normal. Corn harvest for grain reached 19 percent statewide, eight days ahead of the 5-year average. Moisture content of field corn being harvested for grain fell to 20 percent. Iowa's corn condition rated 60 percent good to excellent.

Soybeans dropping leaves or beyond reached 92 percent, eight days ahead of normal. Producers harvested over 20 percent of Iowa's soybean crop during the week ending October 3, with the total harvested reaching 40 percent, ten days ahead of the five-year average. Farmers in central and east central Iowa have now harvested half of their soybean crop. Soybean condition was rated 64 percent good to excellent.

Pasture condition rated 27 percent good to excellent. Spotty precipitation helped keep some pastures green for cattle to continue grazing, but water for livestock continues to be an issue.

Soybeans Harvested - Iowa



Crop Condition as of October 3, 2021

Item	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn	2	7	31	49	11
Pasture and range	10	22	41	25	2
Soybeans	1	5	30	52	12

Crop Progress as of October 3, 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	92	88	80	84	86	92	90	90	90	87	72	91	79
Corn harvested for grain	15	16	18	11	23	24	22	14	31	19	9	23	11
Soybeans dropping leaves	96	96	95	93	93	90	87	85	85	92	77	92	83
Soybeans harvested	41	43	36	45	50	50	29	14	29	40	18	51	23

Days Suitable for Fieldwork and Soil Moisture Condition as of October 3, 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	4.5	5.9	5.6	4.6	5.6	6.3	5.0	6.2	6.6	5.5	6.1	5.8
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	2	2	10	10	20	29	1	22	28	13	12	14
Short	21	31	30	28	35	39	38	41	36	32	34	31
Adequate	70	66	59	62	44	32	56	37	36	53	53	55
Surplus	7	1	1	0	1	0	5	0	0	2	1	0
Subsoil moisture												
Very short	3	13	7	21	24	34	3	26	31	17	17	20
Short	34	32	30	44	45	35	42	35	24	36	39	32
Adequate	62	54	62	35	31	31	52	39	45	46	44	48
Surplus	1	1	1	0	0	0	3	0	0	1	0	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 September 27, 2021, through 7:00 A.M. Central Time on October 3, 2021.

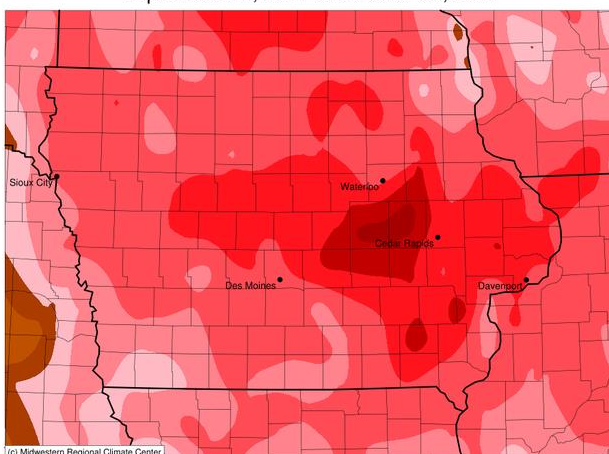
Unseasonably warm temperatures blanketed the state over the reporting period with some stations observing seven-day temperature departures close to 15 degrees above normal. The statewide average temperature was 70.1 degrees, 11.6 degrees above normal making it the warmest week since late August. Widespread rain also fell across Iowa with a majority of western Iowa stations reporting above-average totals; stations in northwestern Iowa observed positive departures of two to four inches.

Warm conditions and gusty southwesterly winds continued through Sunday (26th) afternoon under sunny skies as temperatures pushed into the mid to upper 80s. As winds died down overnight, lows ranged from the low 50s north to mid 60s south; the statewide average low was 53 degrees, six degrees above normal. Monday (27th) was another hot day with daytime highs in the mid 80s and low 90s at a majority of Iowa's reporting stations as winds shifted behind a weak frontal boundary. Overnight lows reported at 7:00 am on Tuesday (28th) were slightly cooler than the previous morning with winds out of the east under clear skies. Unseasonable warmth persisted throughout the day as high temperatures varied from the low 80s east to low 90s west as winds gradually shifted to a southwesterly direction. A stationary front draped north to south in western Iowa was a focusing mechanism for isolated showers in the southwest corner early in the afternoon on Wednesday (29th). Temperatures remained in the mid 80s as cloud cover increased in western Iowa. The first wave of showers and thunderstorms formed over the state's western half overnight into Thursday (30th) and persisted through the morning hours before dissipating in northwestern Iowa just after noon. A secondary wave formed later in the evening over the same region as overnight temperatures were held in the 60s under overcast skies. Rain totals for the event were highest across western Iowa while much of eastern Iowa missed out. Nearly 100 stations reported an inch or more with 30 measuring above two inches; Atlantic (Cass County) reported 2.02 inches and Estherville (Emmet County) observed 3.21 inches with general totals across the region around 0.22 inch.

As the low pressure center pushed east Friday (1st) morning, light showers formed behind the system into the afternoon hours. Sunshine peeked between gaps in the clouds as light rain and drizzle fell across much of Iowa through the evening hours. Stations reported totals below a few tenths of an inch though a handful of north-central and southeastern stations observed over 0.50 inch; Donnellson (Lee County) measured 0.52 inch with Estherville picking up another 0.94 inch. Afternoon temperatures varied from the low 70s west to low 80s east, where more sunshine was present. Cloud cover and fog were present overnight into Saturday (2nd) with dreary and damp conditions hanging on throughout the day. Winds shifted to a westerly direction as isolated showers formed in southeastern Iowa. A majority of stations reporting rain had under a tenth of an inch, though De Witt (Clinton County) measured 0.49 inch. Clouds began to clear in western Iowa at sunrise with lows in the 50s northwest to mid 60s southeast on Sunday (3rd) morning.

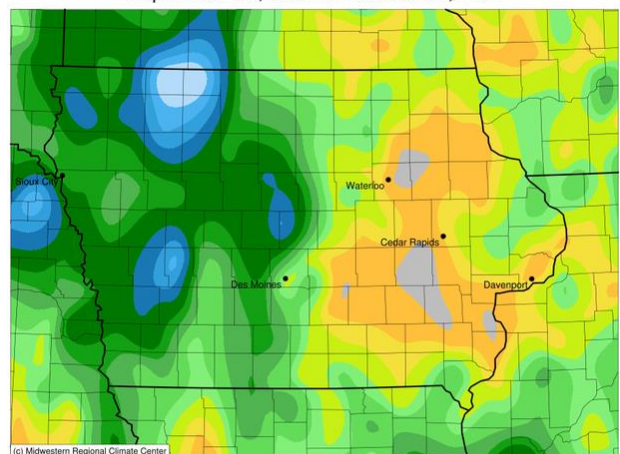
Weekly rain totals ranged from no accumulation at several eastern Iowa stations to 4.15 inches at Estherville. The statewide average precipitation was 0.55 inch while the normal is 0.70 inch. Red Oak (Montgomery County) observed the week's high temperature of 95 degrees on the 28th, 21 degrees above normal. Eldora (Hardin County) reported the week's low temperature of 37 degrees on the 27th, seven degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
September 27, 2021 to October 03, 2021



0 5 10 15
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: 10/4/2021 10:11:15 AM CDT

Accumulated Precipitation (in)
September 27, 2021 to October 03, 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, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 10/4/2021 10:05:48 AM CDT