



Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

October 7, 2024 - For Immediate Release

Media Contact: Greg Thessen

Iowa experienced another week of dry and windy conditions which allowed farmers 6.7 days suitable for fieldwork during the week ending October 6, 2024, according to the USDA, National Agricultural Statistics Service. Corn and soybean harvest continued to be the primary field activities for the week. Combine and other equipment fires were reported as weather conditions increased the risk of such fires.

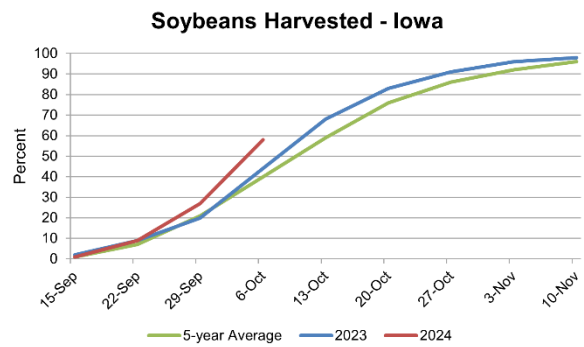
Topsoil moisture condition rated 22 percent very short, 42 percent short, 36 percent adequate and 0 percent surplus. **Subsoil moisture** condition rated 16 percent very short, 44 percent short, 39 percent adequate and 1 percent surplus.

Corn mature reached 90 percent, 6 days behind last year but 5 days ahead of the five-year average. Corn harvested for grain reached 22 percent, 2 days behind last year but 1 day ahead of normal. Moisture content of field corn being harvested for grain was 18 percent. Corn condition rated 77 percent good to excellent. **Soybeans** dropping leaves reached 93 percent, 1 day ahead of last year and 5 days ahead of the five-year average. Soybeans harvested reached 58 percent this week, 4 days ahead of last year and 1 week ahead of the average. Iowa farmers were able to harvest 31 percent of the State's soybean crop during the week ending October 6, 2024. Soybean condition rated 76 percent good to excellent.

Pasture condition continued to fall and rated just 38 percent good to excellent this week, a decrease of 6 percentage points. Livestock water resources continue to be a concern.

Crop Condition as of October 6, 2024

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	4	18	59	18
Pasture and range ..	6	18	38	33	5
Soybeans	1	4	19	59	17



Crop Progress as of October 6, 2024

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	85	95	80	93	89	95	89	94	92	90	75	95	84
Corn harvested for grain	21	17	18	20	22	27	32	26	26	22	11	26	20
Soybeans dropping leaves ...	90	99	98	99	93	97	87	83	86	93	80	92	87
Soybeans harvested	65	70	58	71	54	68	45	27	38	58	27	44	40

Days Suitable for Fieldwork and Soil Moisture Condition as of October 6, 2024

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	6.9	6.8	6.8	6.8	6.8	6.6	6.8	6.2	5.9	6.7	6.5	5.9
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	24	18	19	34	17	32	15	15	18	22	15	32
Short	39	55	52	41	40	33	41	36	33	42	44	44
Adequate	37	27	29	25	41	35	44	47	49	36	41	23
Surplus	0	0	0	0	2	0	0	2	0	0	0	1
Subsoil moisture												
Very short	14	12	12	29	12	26	17	6	15	16	11	37
Short	41	54	52	45	40	32	39	47	38	44	44	43
Adequate	45	34	35	26	46	42	44	44	47	39	44	19
Surplus	0	0	1	0	2	0	0	3	0	1	1	1

The complete report can be found on the USDA NASS website at www.nass.usda.gov/Publications.

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 September 30, 2024, through 7:00 A.M. Central Time on October 6, 2024.

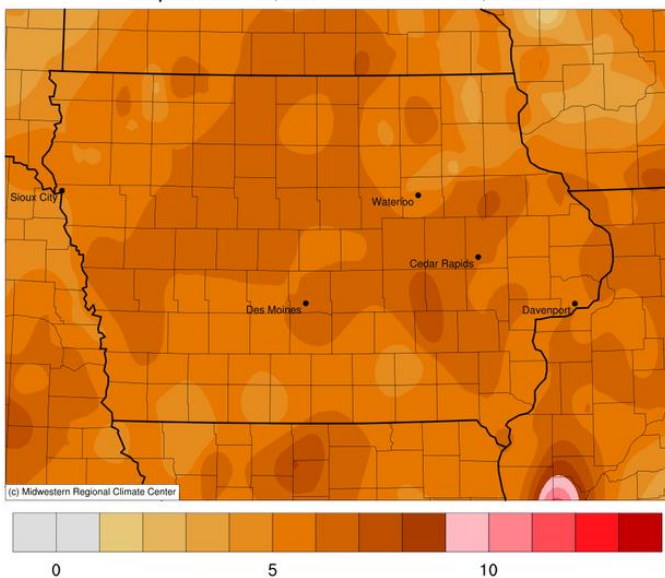
The first week of October experienced continued unseasonably warm conditions as a stable weather pattern dominated the region; the statewide average temperature was 62.9 degrees, 6.5 degrees above normal. This was also the fifth consecutive reporting period of below average rainfall with much of northern and western Iowa in moisture deficits as drought expands.

Sunday (29th) afternoon was pleasant with low dewpoints and temperatures in the low to mid 80s under sunny skies. Morning temperatures on Monday (30th) dropped into the 40s across portions of western Iowa with mid to upper 50s over the rest of Iowa. Gusty southerly winds built in through the daytime hours with some clouds in eastern Iowa and temperatures in the 80s. Temperatures dropped, and winds shifted northwesterly as a cold front pushed through the state into Tuesday (1st) morning. Conditions were in the low to mid 40s in western Iowa while mid to upper 50s were observed ahead of the boundary in eastern Iowa. Afternoon temperatures held in the mid to upper 60s under cloudless skies and light northerly winds. Winds swung to a southerly direction after midnight with morning lows on Wednesday (2nd) ranging from the upper 30s southeast to upper 40s northwest with patchy cloud cover in southwest Iowa. Southwesterly winds became gusty ahead of a cold front crossing through the Upper Midwest; highs were comfortable in the 70s with ample sunshine. Thursday (3rd) started off with lows in the mid 40s east to mid 50s west with winds turning east as a low pressure center approached Iowa from the southwest. Daytime temperatures warmed into the 80s across southern Iowa while low 70s were reported farther north. Clouds increased across the state as the cold front swung southeast. A line of showers and elevated thunderstorms formed just after midnight along and south of I-80. Several storms were severe-warned after quickly intensifying as they moved through southeastern Iowa, producing moderate to heavy rain and pea-sized hail. The highest rain totals ranged from 0.50 inches in Muscatine (Muscatine County) to over 1.00 inch in Ottumwa (Wapello County) and Columbus Junction (Louisa County). Lesser amounts, at or under 0.20 inch, were reported at several central and northeastern Iowa stations. Friday (4th) dawned chilly in northwestern Iowa with upper 30s and low 40s reported. Lingering clouds held temperatures in the mid to upper 50s southeast as the front pushed east. Afternoon conditions were sunny and near seasonal with highs in the low 70s and easterly winds. Partly cloudy skies developed into Saturday (5th) with patchy fog at southwestern stations and low temperatures in the 50s. Daytime temperatures quickly rose into the upper 80s and low 90s across much of Iowa as a cold front swept into western Iowa. Atlantic (Cass County) hit 96 degrees, just one degree off the statewide record high temperature for October set in 1897; the average high was 87 degrees, 19 degrees above normal. Starry skies were visible overnight with morning lows on Sunday dropping into the mid 30s in northeastern Iowa.

Weekly rain totals ranged from no accumulation across much of Iowa to 1.20 inches in Columbus Junction. The statewide weekly average rainfall was 0.10 inches while the normal is 0.74 inches. Atlantic reported the week's high temperature of 96 degrees on the 5th, 26 degrees above normal. Elkader (Clayton County) and Spencer Municipal Airport (Clay County) reported the week's low temperature of 34 degrees on the 3rd and 6th, respectively, eight degrees below normal.

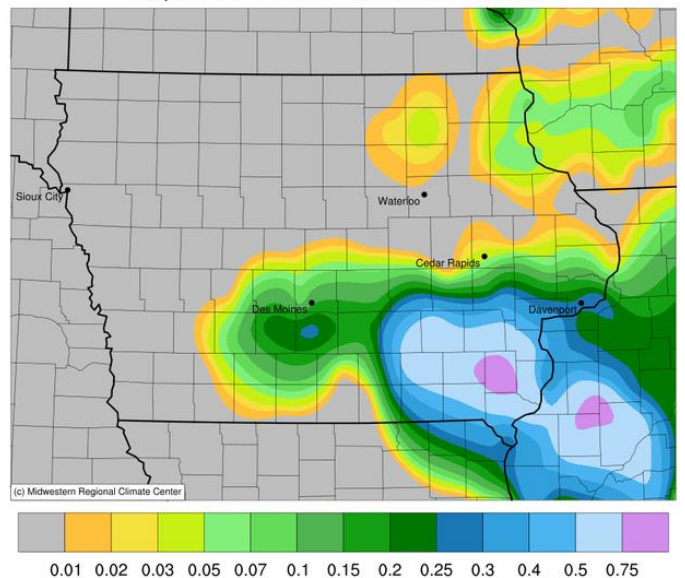
Average Temperature (°F): Departure from 1991-2020 Normals

September 30, 2024 to October 06, 2024



Accumulated Precipitation (in)

September 30, 2024 to October 06, 2024



Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at:
<https://mrcc.purdue.edu/CLIMATE/>