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Cooperating with the Iowa Department of Agriculture and Land Stewardship

September 30, 2024 - For Immediate Release

Media Contact: Greg Thessen

Iowa continued to experience hot and dry conditions this week allowing Iowa farmers 6.5 days suitable for fieldwork during the week ending September 29, 2024, according to the USDA, National Agricultural Statistics Service. Field activities included harvesting both corn and soybeans.

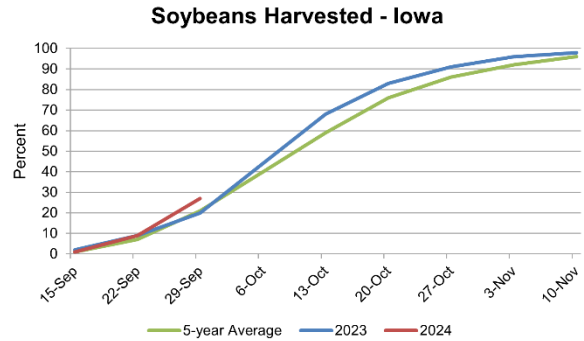
Topsoil moisture condition rated 15 percent very short, 44 percent short, 41 percent adequate and 0 percent surplus. **Subsoil moisture** condition rated 11 percent very short, 44 percent short, 44 percent adequate and 1 percent surplus.

Corn in the dent stage or beyond reached 97 percent this week. Corn mature reached 75 percent, 1 week behind last year but 2 days ahead of normal. Corn harvested for grain reached 11 percent, 3 days behind last year but equal to the five-year average. Corn condition remained at 77 percent good to excellent. **Soybeans** coloring or beyond reached 95 percent. Soybeans dropping leaves reached 80 percent, 2 days behind last year but 3 days ahead of average. Soybeans harvested reached 27 percent this week, 3 days ahead of both last year and the five-year average. Soybean condition rated 77 percent good to excellent.

Pasture condition continued to deteriorate with 44 percent rated good to excellent this week. With the continued dry conditions, some producers have had to begin hauling water to cattle.

Crop Condition as of September 29, 2024

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	4	18	59	18
Pasture and range	4	14	38	37	7
Soybeans	1	4	18	58	19



Crop Progress as of September 29, 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 dented	96	98	96	97	98	96	97	99	98	97	93	99	97
Corn mature	61	76	61	79	79	89	75	89	84	75	61	89	73
Corn harvested for grain	9	8	8	9	13	15	20	14	14	11	5	14	11
Soybeans coloring	91	99	99	97	96	94	94	92	92	95	88	97	93
Soybeans dropping leaves	68	92	90	88	81	88	69	73	69	80	59	84	75
Soybeans harvested	27	26	31	38	23	34	27	11	14	27	9	20	21

Days Suitable for Fieldwork and Soil Moisture Condition as of September 29, 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	6.7	6.7	6.6	6.4	6.5	6.7	6.0	6.0	6.1	6.5	6.3	5.7
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	13	6	12	17	18	23	6	18	25	15	9	28
Short	44	55	53	40	38	41	35	40	41	44	41	45
Adequate	43	39	35	43	42	36	59	39	34	41	49	26
Surplus	0	0	0	0	2	0	0	3	0	0	1	1
Subsoil moisture												
Very short	9	5	9	12	13	22	9	6	14	11	8	36
Short	42	52	51	44	37	38	35	50	49	44	37	43
Adequate	49	43	39	44	48	40	56	41	37	44	54	20
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 23, 2024, through 7:00 A.M. Central Time on September 29, 2024.

Conditions remained warmer and drier during the last reporting period of September with the highest temperature departures in northern Iowa; the statewide average temperature was 63.4 degrees, 4.7 degrees above normal. Rain was again sparse across the region with totals under 20% of normal for the week, capping off one of the driest Septembers in 152 years of statewide records.

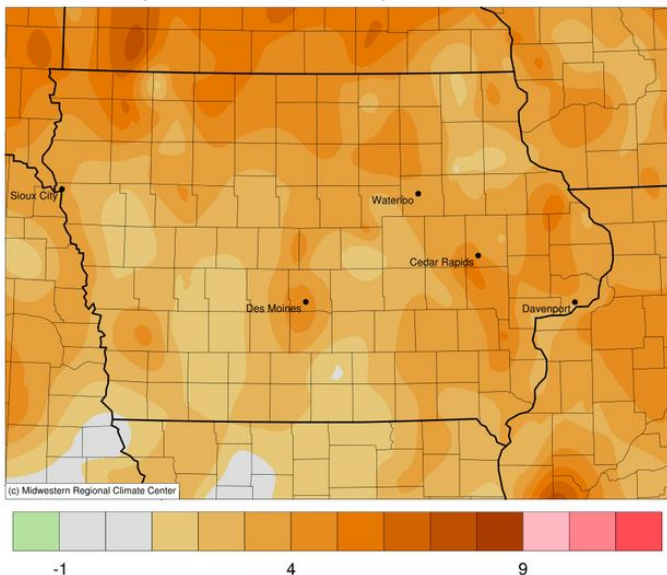
Light showers persisted into the afternoon hours of Sunday (22nd) as a cold front pushed southeast across Iowa. Northerly winds built in behind the front with clearing skies and daytime temperatures in the mid to upper 60s. Rain totals were generally under a tenth of an inch over southern Iowa though multiple stations reported higher totals; Davis City (Decatur County) registered 0.30 inches while Council Bluffs (Pottawattamie County) observed 0.56 inches. Cloudy skies redeveloped over southern Iowa into Monday (23rd) with morning lows ranging from the upper 30s northwest to low 50s southeast. Partly to mostly cloudy skies were observed in southeastern Iowa with high temperatures in the upper 60s and low 70s. Showers formed along the Iowa-Illinois border around midnight and pushed farther east as showers along a cold front moved into western Iowa close to sunrise on Tuesday (24th). The complex of showers continued east through the day as isolated thundershowers popped into the afternoon and evening hours over southern Iowa. Rain totals were highest in east-central and southeastern Iowa with more than 30 stations observing at least 0.25 inches along with multiple gauges in Lee County collecting moderate amounts; Fort Madison observed 0.32 inches with a 0.64-inch reading in Keokuk. Most of the stations that received rainfall reported an average of 0.06 inches. Afternoon conditions improved as partly cloudy skies gave way to peeks of sunshine with seasonal temperatures in the upper 60s and low 70s under light winds.

Wednesday (25th) morning began chilly across northern and western Iowa where low to mid 40s were reported. Afternoon temperatures rebounded into the upper 70s and low 80s with clouds hanging around in eastern Iowa. Clearing skies and calm to light winds into Thursday (26th) helped the surface cool back into the mid 40s to low 50s with patchy fog in southern Iowa. Daytime highs returned to the previous day's readings with southerly to southeasterly winds. Morning lows on Friday (27th) varied from the upper 50s southeast to mid 40s northwest under cloudless skies. Afternoon temperatures, in the upper 70s to mid 80s east to west, were five to 10 degrees above normal with comfortable humidity levels. Overnight conditions into Saturday (28th) remained clear with northerly winds and temperatures from the upper 40s at several northern stations to low 60s farther south. Daytime temperatures quickly rose into the upper 80s and low 90s across the northwestern half of Iowa; the statewide average temperature was 85 degrees, 13 degrees above normal. Starry skies and light northerly winds persisted into Sunday (29th) with a broad range of temperatures varying from the upper 40s in western Iowa to the mid 50s south and east.

Weekly precipitation totals ranged from no accumulation across northeastern Iowa to 0.67 inches in Keokuk. The statewide weekly average precipitation was 0.11 inches while the normal is 0.76 inches. Little Sioux (Harrison County) reported the week's high temperature of 91 degrees on the 28th, 18 degrees above normal. Lake Park (Dickinson County) reported the week's low temperature of 36 degrees on the 23rd, 12 degrees below normal.

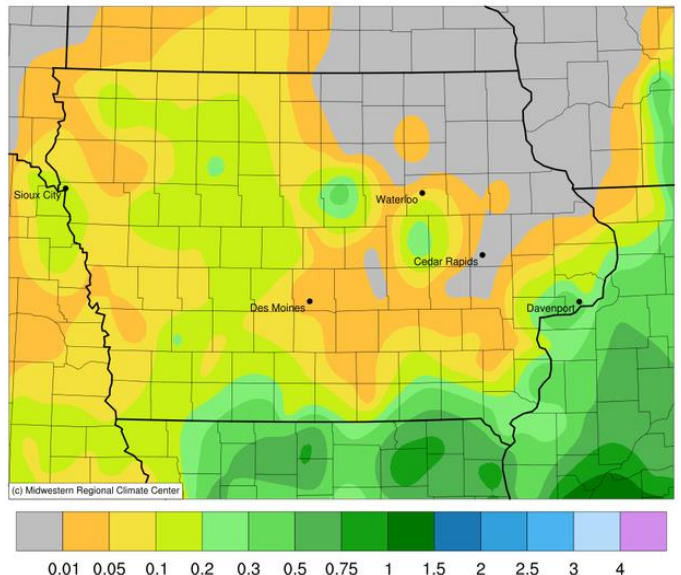
Average Temperature (°F): Departure from 1991-2020 Normals

September 23, 2024 to September 29, 2024



Accumulated Precipitation (in)

September 23, 2024 to September 29, 2024



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