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Cooperating with the Iowa Department of Agriculture and Land Stewardship

September 23, 2024 - For Immediate Release

Media Contact: Greg Thessen

Iowa continued to experience hot and dry conditions this week. These conditions allowed Iowa farmers 6.3 days suitable for fieldwork during the week ending September 22, 2024, according to the USDA, National Agricultural Statistics Service. Field activities included harvesting corn and soybeans.

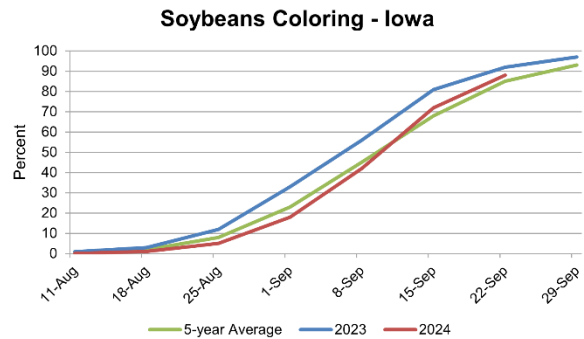
Topsoil moisture condition rated 9 percent very short, 41 percent short, 49 percent adequate and 1 percent surplus. Subsoil moisture condition rated 8 percent very short, 37 percent short, 54 percent adequate and 1 percent surplus.

Corn in the dent stage or beyond reached 93 percent this week. Corn mature reached 61 percent, 5 days behind last year but 2 days ahead of the average. Corn harvested for grain reached 5 percent, 5 days behind last year but equal to the average. Corn condition rated 77 percent good to excellent. Soybeans coloring or beyond reached 88 percent, 3 days behind last year but 2 days ahead of the five-year average. Soybean dropping leaves reached 59 percent, also 3 days behind last year and 2 days ahead of the average. Soybean harvested reached 9 percent this week, equal to last year but 1 day ahead of the average. Soybean condition was 78 percent good to excellent.

Pasture condition continued to fall and rated 48 percent good to excellent this week.

Crop Condition as of September 22, 2024

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	4	18	58	19
Pasture and range ..	2	12	38	41	7
Soybeans	1	3	18	60	18



Crop Progress as of September 22, 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	93	91	87	92	96	93	95	98	96	93	85	97	93
Corn mature	47	57	46	65	66	79	66	76	73	61	41	77	56
Corn harvested for grain	3	3	3	4	7	8	10	8	6	5	2	8	5
Soybeans coloring	78	93	95	90	89	90	88	78	86	88	72	92	85
Soybeans dropping leaves ...	40	63	68	71	61	77	52	51	46	59	31	68	55
Soybeans harvested	7	5	9	15	9	14	14	4	4	9	1	9	7

Days Suitable for Fieldwork and Soil Moisture Condition as of September 22, 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	6.2	6.2	6.1	6.4	6.2	6.6	6.4	5.8	6.6	6.3	6.7	5.3
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	9	4	6	13	11	14	4	0	20	9	6	27
Short	37	50	46	35	36	39	32	53	44	41	38	46
Adequate	53	46	48	52	51	47	64	44	36	49	55	26
Surplus	1	0	0	0	2	0	0	3	0	1	1	1
Subsoil moisture												
Very short	6	4	7	11	11	14	6	2	10	8	6	35
Short	28	43	37	38	32	36	32	51	47	37	32	44
Adequate	65	53	55	51	55	50	62	44	43	54	61	20
Surplus	1	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 16, 2024, through 7:00 A.M. Central Time on September 22, 2024.

Unseasonable warmth persisted through the last week of astronomical summer with most Iowa stations reporting temperatures eight to 12 degrees above normal; the statewide average temperature was 73.1 degrees, 10.6 degrees above normal. Rainfall was below normal for the third consecutive reporting period with the driest conditions in eastern and extreme western Iowa.

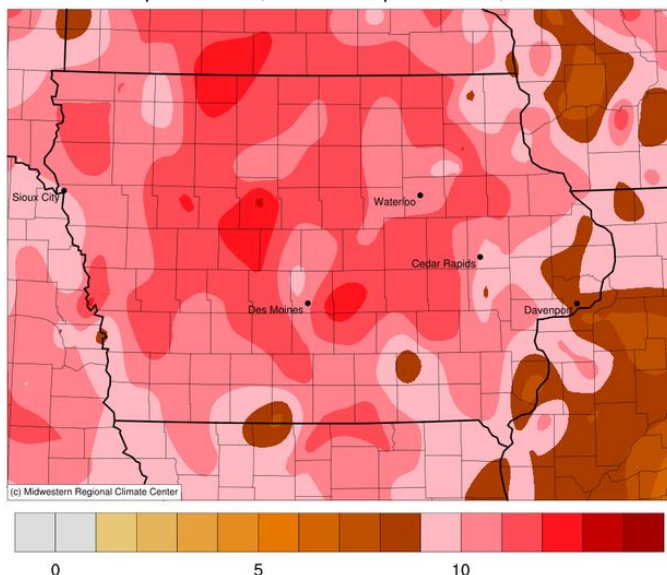
Mid to upper 80s were reported across Iowa through Sunday (15th) afternoon with southerly winds and partly cloudy skies. Light showers formed in eastern Iowa towards sunset with 0.07 inch collected at Salem (Henry County). Morning lows on Monday (16th) held in the low to mid 60s with light east-southeasterly winds and generally clear skies. Daytime highs pushed back into the mid 80s with a swing back to southerly winds, becoming gusty in northwestern Iowa. Two rounds of showers moved through western Iowa overnight into Tuesday (17th) before dissipating in the late morning. Several stations in Sioux County observed measurable totals ranging from 0.13 inch at an Orange City Community Collaborative Rain, Hail and Snow (CoCoRaHS) gauge to 0.76 in Sioux Center. Spencer Municipal Airport (Clay County) reported 0.50 inches with lesser amounts at surrounding stations. Clear conditions developed into the afternoon with highs in the mid to upper 80s and stronger winds out of the south.

Wednesday (18th) morning started partly cloudy in central Iowa with lows ranging from the mid 50s east to upper 60s west. Daytime conditions were similar to the previous day with clouds building in towards the end of the day. Scattered thundershowers developed in the northwest after midnight with a second complex forming in west-central Iowa towards sunrise on Thursday (19th). Scattered showers and thunderstorms continued across portions of Iowa through the day with multiple severe-warned cells in northern and south-central Iowa. More than 30 stations observed at least an inch with central to east-central stations reporting the highest totals. Pella (Marion County) registered 1.05 inches while Davis City (Decatur County) reported 2.67 inches; the statewide average rainfall was 0.30 inches. Overnight lows into Friday (20th) fell through the low to mid 50s in western Iowa as foggy conditions developed farther east. Afternoon temperatures returned to the upper 80s and low 90s over southern Iowa with low to mid 80s north; the statewide average high was 89 degrees, 14 degrees above normal. Saturday (21st) dawned unseasonably warm with lows in the mid to upper 60s along with low 70 degree-readings along the Iowa-Missouri border. A low pressure center and its attendant cold front entered northwestern Iowa through the morning hours and continued across the state through the day. Highs ahead of the front reached into the low 90s while cooler air filtered in behind. A narrow band of thunderstorms developed along the boundary bringing widespread rainfall to the state's southeastern half. The highest amounts were observed in the northeast and south-central portions of Iowa; 7:00 am reports on Sunday (22nd) ranged from 0.25 inches in Decorah (Winneshiak County) to 2.44 inches in Lamoni (Decatur County). Morning lows were chilly in northwest Iowa, hitting the low 40s at several locations while low to mid 60s were felt in eastern Iowa.

Weekly rain totals ranged from no accumulation at multiple eastern Iowa stations to 3.13 inches in Zearing (Story County). The statewide weekly average rain was 0.58 inches; the normal is 0.83 inches. Osceola (Clarke County) and Washington (Washington County) reported the week's high temperature of 94 degrees on the 20th, on average 18 degrees above normal. Spencer Municipal Airport reported the week's low temperature of 41 degrees on the 22nd, seven degrees below normal.

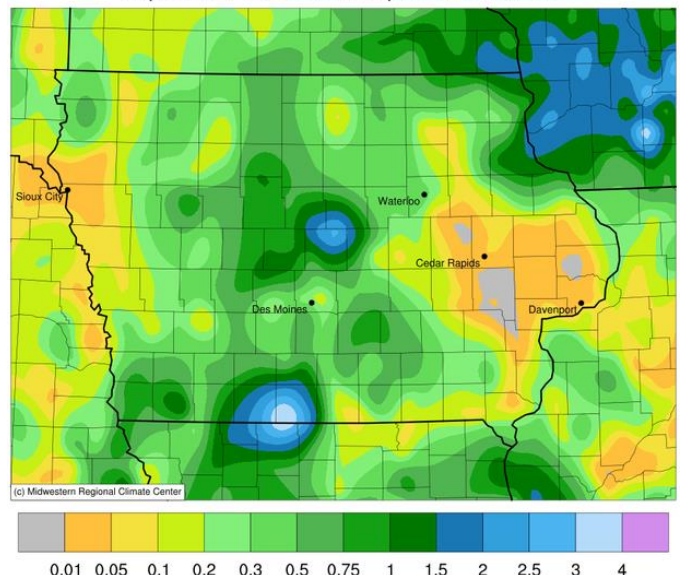
Average Temperature (°F): Departure from 1991-2020 Normals

September 16, 2024 to September 22, 2024



Accumulated Precipitation (in)

September 16, 2024 to September 22, 2024



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