



Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

September 2, 2024 - For Immediate Release

Media Contact: Greg Thessen

The State experienced hot conditions and scattered rain this past week. Iowa farmers averaged 5.3 **days suitable for fieldwork** during the week ending September 1, 2024, according to the USDA, National Agricultural Statistics Service. Activities included preparing for the fall harvest and hay cutting.

Topsoil moisture condition rated 2 percent very short, 20 percent short, 76 percent adequate and 2 percent surplus. **Subsoil moisture** condition rated 3 percent very short, 19 percent short, 75 percent adequate and 3 percent surplus.

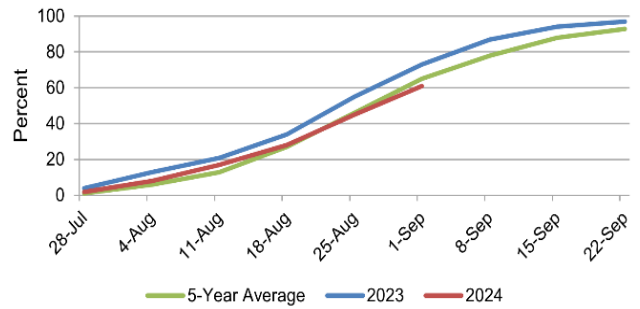
Corn in the dough stage or beyond reached 94 percent this week. Sixty-one percent of the corn crop reached the dent stage, 5 days behind last year and 1 day behind the five-year average. Corn mature reached 10 percent, 2 days behind last year but 1 day ahead of the five-year average. Corn condition rated 77 percent good to excellent. **Soybeans** setting pods reached 95 percent. Soybeans coloring reached 18 percent, 4 days behind last year and 2 days behind the five-year average. Soybean dropping leaves began at 2 percent. Soybean condition was 77 percent good to excellent.

The State’s third cutting of alfalfa hay reached 88 percent, 1 week behind last year but 1 week ahead of the five-year average. **Pasture condition** rated 64 percent good to excellent.

Crop Condition as of September 1, 2024

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	4	18	57	20
Pasture and range	1	5	30	53	11
Soybeans	1	4	18	58	19

Corn Dent - Iowa



Crop Progress as of September 1, 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 dough	94	99	92	93	94	92	94	92	98	94	90	98	94
Corn dented	63	64	55	63	48	66	58	61	75	61	45	73	65
Corn mature	13	8	4	7	7	11	11	29	20	10	4	14	9
Hay, alfalfa, 3rd cutting	88	83	95	84	83	94	86	84	84	88	79	94	80
Soybeans setting pods	97	98	94	96	92	95	92	93	98	95	90	98	96
Soybeans coloring	16	12	16	20	16	22	20	23	27	18	5	33	23

Days Suitable for Fieldwork and Soil Moisture Condition as of September 1, 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	5.1	5.6	5.9	5.0	5.6	5.1	5.6	4.6	4.9	5.3	6.4	6.8
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	6	2	1	0	2	0	1	1	1	2	3	33
Short	18	24	22	33	18	7	16	25	15	20	23	42
Adequate	75	73	76	65	78	90	81	70	82	76	72	25
Surplus	1	1	1	2	2	3	2	4	2	2	2	0
Subsoil moisture												
Very short	5	2	1	10	2	1	3	1	1	3	3	31
Short	15	14	25	26	20	10	15	30	13	19	20	44
Adequate	79	82	70	60	76	88	80	60	85	75	75	24
Surplus	1	2	4	4	2	1	2	9	1	3	2	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 August 26, 2024, through 7:00 A.M. Central Time on September 1, 2024.

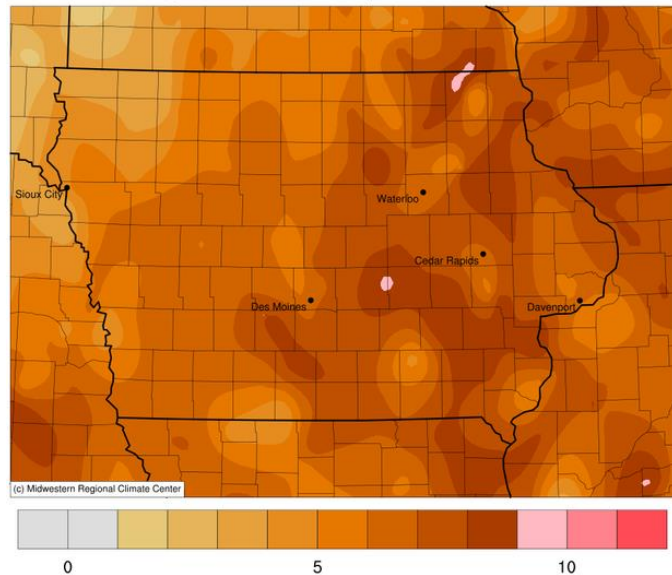
The last reporting period of August was unseasonably warm across Iowa with pockets of positive departures approaching nine degrees; the statewide average temperature was 75.7 degrees, 6.7 degrees above normal. Much of the state also experienced wetter than normal conditions with many stations collecting surplus rainfall in the 0.50 to 1.00-inch range.

Southerly winds boosted Sunday (25th) afternoon temperatures into the low to mid 90s over southern Iowa as clouds increased over northern Iowa. Overnight temperatures through Monday (26th) morning were well above normal for late August, holding in the low to mid 70s at most stations. Daytime temperatures quickly rose into the mid to upper 90s with dewpoint temperatures in the upper 70s and low 80s; the statewide average high was 95 degrees, 14 degrees above normal along with triple digit heat index values. A weak cold front dropped southeast through the state on Tuesday (27th), producing showers over northern Iowa while stronger thunderstorms fired along an outflow boundary in southeastern Iowa through the evening hours. Daytime temperatures varied from the upper 70s in northwest Iowa behind the front to the mid 90s southeast. Rainfall totals were highest over southern Iowa with nearly 30 stations collecting at least an inch of rain. Three stations in Burlington (Des Moines County) registered from 2.13 to 2.53 inches. Totals farther north and west were generally under a few tenths of an inch.

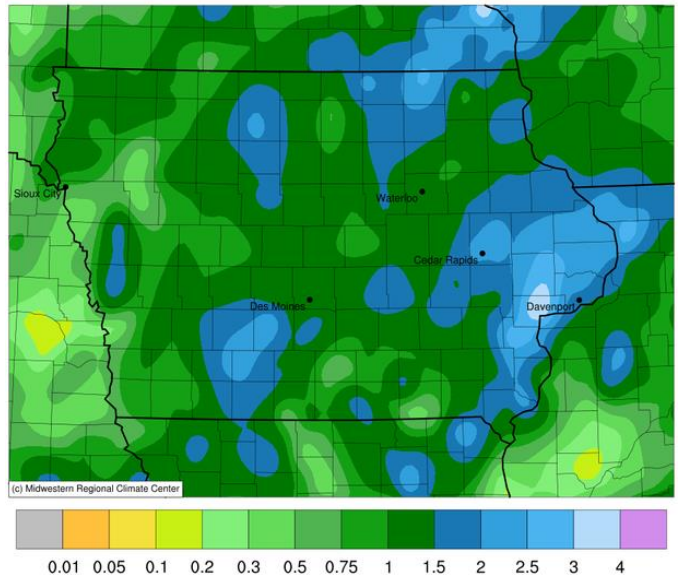
Morning lows on Wednesday (28th) varied from the upper 50s north to upper 60s south as fog and partly cloudy skies were also reported. Cloudy skies remained through the day with temperatures in the low to mid 80s under southerly winds. A small complex of thundershowers formed after midnight in northeast Iowa, leaving behind 1.55 inches at Lime Springs (Howard County) with lesser totals at a handful of stations. A strong cold front propagated across Iowa on Thursday (29th) leaving widespread totals of over one inch at more than 230 stations National Weather Service (NWS) and Community Collaborative Rain, Hail and Snow (CoCoRaHS) gauges. Eastern Iowa received the highest totals as the front slowly moved out of the state Friday (30th) morning; Marion (Linn County) registered 2.85 inches with a statewide average rainfall of 1.06 inches. Winds shifted to the northwest as cloud cover cleared southeastern Iowa by the early afternoon with daytime highs holding in the 70s. Light and variable winds developed through Saturday (31st) with morning temperatures in the 50s under clear skies. Afternoon conditions were pleasant with low 80s and southwesterly winds. Overnight lows into Sunday (1st) ranged from the mid 50s north to low 60s south.

Weekly rain totals ranged from 0.19 inches at Cherokee (Cherokee County) to 4.05 inches in Muscatine (Muscatine County). The statewide weekly average rainfall was 1.30 inches; the normal is 0.88 inches. Osceola (Clarke County) and Shenandoah (Page County) reported the week's high temperature of 100 degrees on the 26th, on average 17 degrees above normal. Mason City Municipal Airport (Cerro Gordo County) reported the week's low temperature of 47 degrees on the 1st, seven degrees below normal.

Average Temperature (°F): Departure from 1991-2020 Normals
August 26, 2024 to September 01, 2024



Accumulated Precipitation (in)
August 26, 2024 to September 01, 2024



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