United States Department of Agriculture
National Agricultural Statistics Service

Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

May 13, 2024 - For Immediate Release *Media Contact: Greg Thessen*

Rain across Iowa early in the week held farmers to just 1.7 **days suitable for fieldwork** during the week ending May 12, 2024, according to the USDA, National Agricultural Statistics Service. Iowa farmers reported planting corn, soybeans, and applying pesticides late in the week.

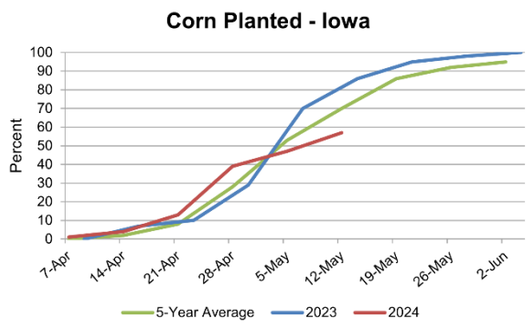
Topsoil moisture condition rated 1 percent very short, 7 percent short, 71 percent adequate and 21 percent surplus. **Subsoil moisture** condition rated 4 percent very short, 17 percent short, 67 percent adequate and 12 percent surplus.

Fifty-seven percent of Iowa's expected **corn** crop has been planted, 1 week behind last year and 5 days behind the 5-year average. Twenty-six percent of the corn crop has emerged. Iowa's farmers have planted 39 percent of Iowa's expected **soybean** crop, 1 week behind last year and 4 days behind the normal. Thirteen percent of the soybean crop has emerged. Ninety-eight percent of the expected **oat** crop has been planted while emergence reached 81 percent, 2 days ahead of last year and 5 days ahead of the 5-year average. There were reports of oats headed in isolated areas of the State.

Hay condition rated 77 percent good to excellent. There were a few reports of producers beginning their first cutting of hay. **Pasture condition** rated 67 percent good to excellent. Cattle feedlots were muddy due to rain received over the past four-week period.

Crop Condition as of May 12, 2024

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Hay, all	1	2	20	62	15
Oats	1	2	21	63	13
Pasture and range	1	6	26	50	17



Crop Progress as of May 12, 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 planted	66	57	41	65	52	70	58	50	45	57	47	81	70
Corn emerged	28	26	13	27	29	34	27	24	25	26	7	27	22
Oats emerged	96	96	72	78	81	95	70	71	69	81	68	77	68
Soybeans planted	35	22	36	43	44	62	40	36	35	39	30	63	50
Soybeans emerged	9	6	7	10	18	29	13	11	15	13	4	14	8

Days Suitable for Fieldwork and Soil Moisture Condition as of May 12, 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	1.3	0.5	1.9	1.8	1.3	2.8	2.3	2.5	1.5	1.7	1.4	3.6
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	0	0	3	1	2	2	0	1	4	1	4	3
Short	2	1	11	8	6	15	9	8	9	7	12	14
Adequate	58	89	60	66	78	71	77	71	68	71	65	76
Surplus	40	10	26	25	14	12	14	20	19	21	19	7
Subsoil moisture												
Very short	1	0	7	3	6	11	3	3	6	4	7	6
Short	6	13	18	18	20	17	35	10	16	17	20	23
Adequate	67	81	63	65	67	63	57	74	68	67	64	68
Surplus	26	6	12	14	7	9	5	13	10	12	9	3

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

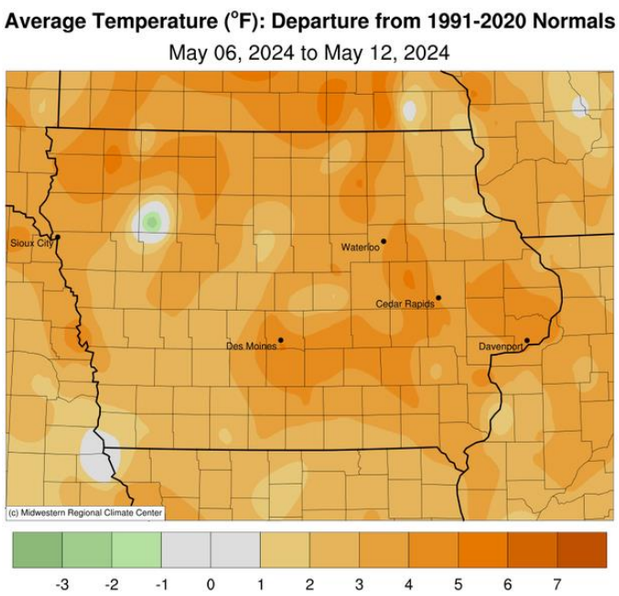
Reports from the Iowa Department of Agriculture and Land Stewardship and maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time May 6, 2024, through 7:00 A.M. Central Time on May 12, 2024.

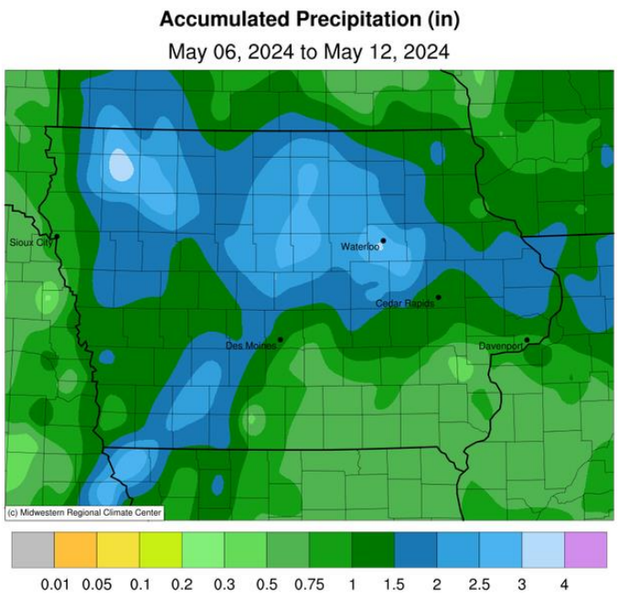
For the fourth consecutive reporting period, Iowa observed unseasonably wet conditions with positive departures in the 1.00-3.00-inch range across the state's northern half. Temperatures were also unseasonably warm with the highest departures approaching four degrees above average; the statewide average temperature was 60.6 degrees, 2.0 degrees above normal.

Sunday (5th) afternoon conditions were pleasant with mostly sunny skies and temperatures in the mid to upper 60s. Clouds increased across southern Iowa into Monday (6th) with lows ranging from the upper 40s north to upper 50s south. A southerly shifting wind brought warmer and more humid air into the state in advance of a strong low pressure system spinning over the Dakotas. Instability increased as a warm front pushed north over southwestern Iowa, providing atmospheric energy for the low's attendant cold front to fire a long line of strong thunderstorms; the complex entered western Iowa during the evening hours with multiple severe thunderstorm and tornado warnings into central Iowa. Two EF-1 tornadoes spun up near Glenwood (Mills County) and at multiple locations in Pottawattamie County along with straight line wind reports. Moderate to heavy rain also fell as the line advanced rapidly to the east along with additional high wind reports. Rain totals reported at 7:00 am on Tuesday (7th) were highest in southwestern Iowa though nearly 140 stations across the state's western half picked up at least an inch. Forest City (Winnebago County) registered 2.04 inches while 2.60 inches was observed in Corning (Adams County); the statewide average was 0.85 inches with totals generally under 0.75 inches in eastern Iowa. Gusty southwesterly winds developed behind the system with partly cloudy skies and daytime highs in the upper 60s and low 70s. Isolated thunderstorms formed over central Iowa into the evening hours before dissipating as they pushed east. Wednesday (8th) dawned with variable winds and low temperatures generally in the 50s. Daytime skies were partly to mostly cloudy south with temperatures reaching into the upper 70s and low 80s. Another low spinning over the Upper Midwest fired thunderstorms, a few producing hail and strong winds, across northwest and then central Iowa through the evening before the storms overspread northern Iowa after midnight.

Thursday (9th) morning rain totals highlighted a pocket of 1.00-2.00-inch readings across several counties in central to north-central Iowa. Algona (Kossuth County) observed 1.58 inches, Iowa Falls (Hardin County) hit 1.80 inches with 1.92 inches in Mason City (Cerro Gordo County); much of northern Iowa received at least 0.25 inches with a statewide average of 0.44 inches. Showers persisted in eastern Iowa through the day with some embedded thunderstorms, one of which spun up a brief land spout near Charles City (Floyd County) along with 2.01 inches of rain. Northwesterly winds held with temperatures varying from the low 70s southwest to mid 50s northeast where rain was present. Several stations in Black Hawk County observed over an inch of rain with many stations reporting 0.20 to 0.40 inches. Clear skies and light winds allowed fog to form near daybreak on Friday (10th). As the disturbance pushed east, mostly sunny skies and gusty westerly winds built in with highs in the 70s. Clear skies persisted through Saturday (11th) with mid to upper 70s returning in the afternoon. Winds swung around to a southern direction into Sunday (12th) morning with pockets of cloud cover in northeastern Iowa and low temperatures dropping into the 50s.

Weekly precipitation totals ranged from 0.25 inches at Columbus Junction (Louisa County) to 3.67 inches in Sanborn (O'Brien County) and near Waterloo (Black Hawk County). The statewide weekly average precipitation was 1.51 inches, while the normal is 1.00 inch. Davenport Municipal Airport (Scott County) reported the week's high temperature of 83 degrees on the 8th, 13 degrees above average. Marshalltown (Marshall County) reported the week's low temperature of 33 degrees on the 6th, 11 degrees below normal. Four-inch soil temperatures were in the low to mid 60s statewide as of Sunday.





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