



Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

April 24, 2023 - For Immediate Release

Media Contact: Greg Thessen

Colder temperatures and a variety of precipitation limited farmers to **2.5 days suitable for fieldwork** during the week ending April 23, 2023, according to the USDA, National Agricultural Statistics Service. Much needed rain in the western part of Iowa helped to improve State level moisture supplies. Corn, soybean, and oat planting continued this week, although at a reduced pace due to the cold, wet weather.

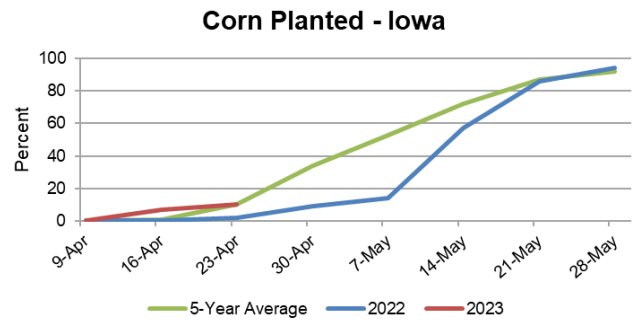
Topsoil moisture condition rated 4 percent very short, 18 percent short, 74 percent adequate and 4 percent surplus. **Subsoil moisture** condition rated 7 percent very short, 28 percent short, 61 percent adequate and 4 percent surplus.

Ten percent of Iowa's expected **corn** crop has been planted, 9 days ahead of last year but equal to the 5-year average. Five percent of the expected **soybean** crop has been planted, 10 days ahead of last year and 3 days ahead of the average. Sixty-seven percent of the expected **oat** crop has been planted, 11 days ahead of last year and 4 days ahead of normal. Ten percent of the oat crop has emerged, 3 days ahead of last year.

Calving continues with some cattle let out to pasture. Livestock were doing well although some lots are muddy.

Crop Condition as of April 23, 2023

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Pasture and range	3	13	46	35	3



Crop Progress as of April 23, 2023

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	11	6	4	12	10	7	11	20	25	10	7	2	10
Oats planted	56	68	64	76	64	73	58	77	72	67	51	44	55
Oats emerged	3	12	5	17	14	12	14	17	14	10	4	7	11
Soybeans planted	4	5	4	5	5	5	5	4	11	5	3	1	2

Days Suitable for Fieldwork and Soil Moisture Condition as of April 23, 2023

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	3.1	1.4	1.8	2.5	2.9	3.1	2.3	2.9	3.2	2.5	5.2	2.3
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	4	2	0	6	3	3	1	4	11	4	7	4
Short	26	16	3	27	20	20	8	10	26	18	23	18
Adequate	68	77	91	66	71	75	84	75	60	74	66	67
Surplus	2	5	6	1	6	2	7	11	3	4	4	11
Subsoil moisture												
Very short	8	2	0	23	7	3	7	2	7	7	9	9
Short	52	27	4	46	30	20	14	11	30	28	28	29
Adequate	40	67	88	31	56	75	74	82	61	61	60	58
Surplus	0	4	8	0	7	2	5	5	2	4	3	4

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 on April 17, 2023, through 7:00 A.M. Central Time on April 23, 2023.

After an unseasonably warm week, temperatures headed in the opposite direction as several storm systems brought an active weather pattern and cooler conditions. Northern Iowa registered negative departures of up to ten degrees with a statewide average temperature of 44.6 degrees, 7.7 degrees below normal. All forms of precipitation were reported across Iowa with severe storms bringing hail and a few weak tornadoes along with wintry precipitation at the beginning and end of the reporting period. Iowa's northwestern two-thirds were unseasonably wet with many stations observing over a half inch of above-average precipitation.

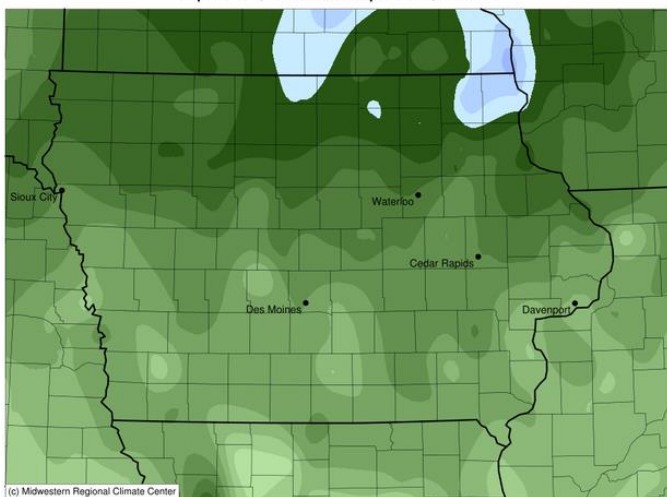
Chilly conditions with light snow, sleet and rain persisted through Sunday (16th) afternoon as gusty northwest winds held daytime high temperatures in the mid to upper 30s. Overnight lows did not drop appreciably as skies cleared west to east with stubborn clouds remaining over eastern Iowa. Monday (17th) temperatures rebounded into the mid to upper 50s with southwestern stations reporting low to mid 60s. Variable winds developed into Tuesday (18th), shifting to the east as the sun rose with morning lows in the upper 20s north to upper 30s south. Afternoon highs were pleasant, reaching into the mid-60s in southern Iowa while readings were up to ten degrees cooler in the northeast. Clouds increased through the evening as a disturbance approached Iowa producing thunderstorms in north-central and western Iowa into the early morning hours of Wednesday (19th); a few cells were severe-warned in eastern Iowa later in the morning as stratus clouds covered most of the sky statewide. A warm front lifting north in advance of a strong low-pressure system pushed temperatures into the upper 70s in southern Iowa, while north of the boundary highs only reached into the upper 50s. Ample moisture and atmospheric instability allowed discrete supercells to fire in western Iowa along a cold front just after 5:00 pm with four reports of weak tornadoes and golf ball to tennis ball-sized hail. The storms coalesced into a line, maintaining strength into eastern Iowa into early Thursday (20th) morning.

A second complex of thunderstorms formed in southwestern Iowa and expanded across central and eastern Iowa through the day as cold air wrapped in on the backside of the low. Highs dropped into the upper 40s to mid-50s as the complex moved out of Iowa. Event totals reported at 7:00 am on Friday (21st) showed a wide swath of above average totals from southwest to northeast with smaller pockets in northwest and east-central Iowa. More than 125 stations reported at least an inch with nearly 15 stations hitting two inches or more; Corning (Adams County) measured 2.95 inches while the statewide average was 0.81 inches. Another disturbance forced light rain and snow showers through the afternoon as temperatures varied from the upper 30s northwest to mid-50s southeast. Saturday (22nd) was another unseasonably cold day as northwest winds held daytime conditions in the upper 30s and low 40s under overcast skies. Clearing clouds overnight and into Sunday (23rd) cooled lows into the 20s in western Iowa.

Weekly precipitation totals ranged from 0.14 inches at Muscatine (Muscatine County) to 3.04 inches in Winterset (Madison County). The statewide weekly average precipitation was 1.15 inches; the normal is 0.91 inches. Keokuk Lock and Dam (Lee County) reported the week's high temperature of 81 degrees on the 19th, 17 degrees above normal. Sibley (Osceola County) reported the week's low temperature of 20 degrees on the 23rd, 15 degrees below normal. Four-inch soil temperatures were in the low 40s north to mid to upper 40s south as of Sunday.

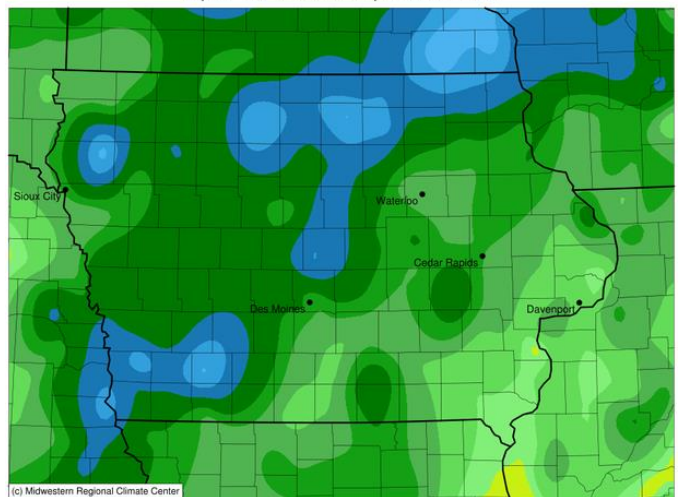
Average Temperature (°F): Departure from 1991-2020 Normals

April 17, 2023 to April 23, 2023



Accumulated Precipitation (in)

April 17, 2023 to April 23, 2023



-12 -7 -2 3

Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
 cli-MATE: MRCC Application Tools Environment
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 cli-MATE: MRCC Application Tools Environment
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