



# Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

May 23, 2022

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Weather conditions allowed farmers to gain ground on spring planting with **5.4 days suitable for fieldwork** during the week ending May 22, 2022, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included planting and spraying when winds allowed.

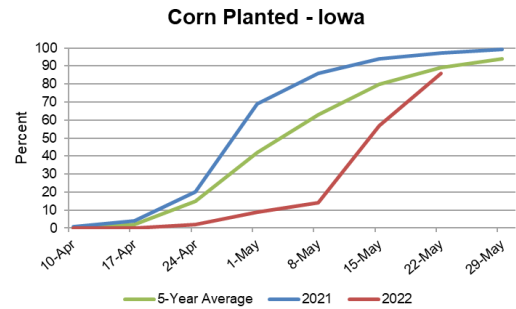
**Topsoil moisture** condition rated 3 percent very short, 17 percent short, 76 percent adequate and 4 percent surplus. **Subsoil moisture** condition rated 5 percent very short, 22 percent short, 69 percent adequate and 4 percent surplus.

Farmers made good progress last week with 86 percent of Iowa’s expected **corn** crop planted, 13 days behind last year and 3 days behind the 5-year average. Forty-seven percent of the corn crop has emerged, 1 week behind last year and 3 days behind average. Sixty-nine percent of **soybeans** have been planted, 12 days behind last year but 1 day ahead of the 5-year average. Eighteen percent of soybeans have emerged, 8 days behind last year and 4 days behind average. Ninety-six percent of the expected **oat** crop has been planted with 82 percent emerged, 9 days behind last year and 5 days behind the 5-year average. Four percent of the oat crop has headed, 3 days behind last year but 2 days ahead of average. Iowa’s first oat condition rating for 2022 was 0 percent very poor, 2 percent poor, 23 percent fair, 60 percent good and 15 percent excellent.

Five percent of the State’s first cutting of **alfalfa hay** has been completed. **Hay condition** improved to 71 percent good to excellent. **Pasture condition** rose to 59 percent good to excellent. Livestock conditions were good with most cattle now on pastures.

### Crop Condition as of May 22, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Hay, all .....	1	3	25	59	12
Oats .....	0	2	23	60	15
Pasture and range .	1	8	32	48	11



### Crop Progress as of May 22, 2022

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 .....	94	92	77	88	84	87	82	69	86	86	57	97	89
Corn emerged .....	54	53	31	49	35	62	49	19	58	47	8	72	60
Hay, alfalfa, 1st cutting .....	5	10	11	0	10	4	1	0	7	5	1	6	5
Oats planted .....	99	98	95	98	97	97	97	95	94	96	89	100	99
Oats emerged .....	95	94	84	88	80	87	68	57	77	82	58	95	90
Soybeans planted .....	76	81	70	66	58	86	61	39	76	69	34	88	67
Soybeans emerged .....	21	10	19	17	14	34	16	3	29	18	3	49	28

### Days Suitable for Fieldwork and Soil Moisture Condition as of May 22, 2022

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 .....	5.8	5.7	5.1	5.0	5.5	5.7	4.4	5.1	6.0	5.4	5.2	2.4
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short .....	11	0	1	2	2	8	0	1	3	3	1	3
Short .....	30	13	11	20	13	19	5	11	29	17	11	15
Adequate .....	53	86	85	74	80	72	93	64	68	76	81	71
Surplus .....	6	1	3	4	5	1	2	24	0	4	7	11
Subsoil moisture												
Very short .....	12	2	1	10	5	4	1	1	3	5	4	11
Short .....	31	32	10	37	18	20	9	13	12	22	20	29
Adequate .....	54	65	85	51	73	75	84	62	83	69	70	54
Surplus .....	3	1	4	2	4	1	6	24	2	4	6	6

**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 May 16, 2022, through 7:00 A.M. Central Time on May 22, 2022.*

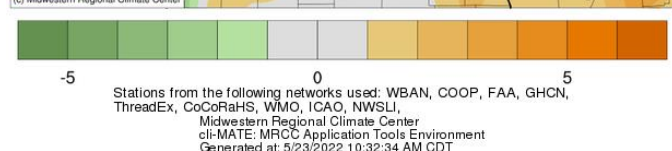
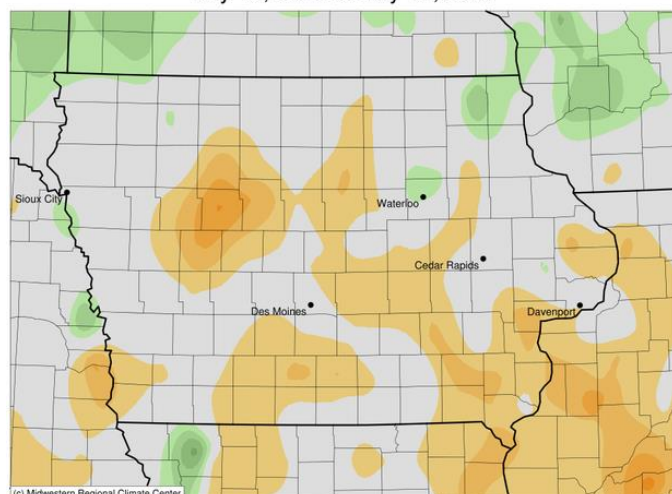
Temperatures moderated across Iowa through the reporting period with slightly warmer than average conditions over portions of the state. Average temperatures were up to three degrees above normal in west-central Iowa, though near-normal or colder than average conditions were reported at stations around the periphery; the statewide average temperature was 61.7 degrees, 1.6 degrees below normal. Rainfall was widespread but below-average statewide with departures of up to an inch at several stations.

Showers dissipated across central and eastern Iowa into Sunday (15<sup>th</sup>) evening with winds shifting northwesterly and skies gradually clearing. Daytime highs reached into the mid 70s north while thicker clouds held temperatures in the 60s south. Rain totals reported at 7:00 am on Monday (16<sup>th</sup>) were generally at or below 0.10 inch with four stations in Appanoose and Davis counties measuring from 0.33 to 0.41 inch. Afternoon temperatures hovered in the upper 70s and low 80s under partly to mostly sunny skies. Clouds streamed into northern Iowa overnight as light showers formed ahead of a low pressure center transiting through Nebraska. The disturbance slowly moved through Iowa on Tuesday (17<sup>th</sup>) with stronger thunderstorms firing in the southwest where moderate rainfall was observed. Temperatures varied from the upper 50s northeast to low 80s in southeastern Iowa where the sun was shining. Most of Iowa's stations reported measurable rainfall with 25 stations measuring an inch or more; Numa (Appanoose County) observed 1.01 inches while Logan (Harrison County) registered 2.44 inches with the statewide average coming in at 0.31 inch. Showers lingered in eastern Iowa after daybreak on Wednesday (18<sup>th</sup>) with morning lows in the low 50s north to low 60s south under cloudy skies. Clouds gradually thinned and moved out of the state through the day with highs in the upper 70s and low 80s across much of Iowa's western two-thirds. Winds started shifting to a southerly direction as another weather system moved into the Upper Midwest; overnight temperatures stayed in the upper 50s and low 60s.

Thursday (19<sup>th</sup>) saw multiple rounds of showers and thunderstorms move through Iowa as a strong low pushed across Minnesota. Northern Iowa experienced showers and thunderstorms from late morning into the early afternoon hours with isolated, stronger storms forming later in the afternoon along the Iowa-Minnesota border. A third round of thunderstorms, some turning severe, fired along the low's attendant cold front in the late night hours and early into Friday (20<sup>th</sup>). Gusty winds and one inch hail were reported in west-central Iowa where Denison (Crawford County) measured a 63 mph gust from a severe-warned thunderstorm. Moderate rainfall was observed across Iowa's northern quarter with general totals in the 0.10 to 0.30 inch range; Storm Lake (Buena Vista County) measured 0.38 inch. A pocket of thundershowers persisted in eastern Iowa after sunrise, though it quickly dissipated by mid-morning. Another quick-moving severe-warned cell moved through Lee County around the same time dropping one-inch diameter hail and 0.35 inch of rain at Augusta's station. Clouds hung around for most of the day as afternoon highs held in the upper 60s. A cold front dropped southeast across Iowa overnight into Saturday (21<sup>st</sup>) shifting winds to the northwest and lowering morning temperatures into the low 40s west. Daytime conditions were colder than average with highs in the low 50s over northern Iowa and low 60s in the southeast corner. Stars gradually emerged as clouds cleared through the early morning hours into Sunday (22<sup>nd</sup>) with chilly temperatures in the low 30s in western Iowa while mid 40s were recorded east.

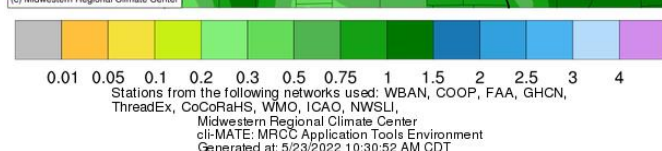
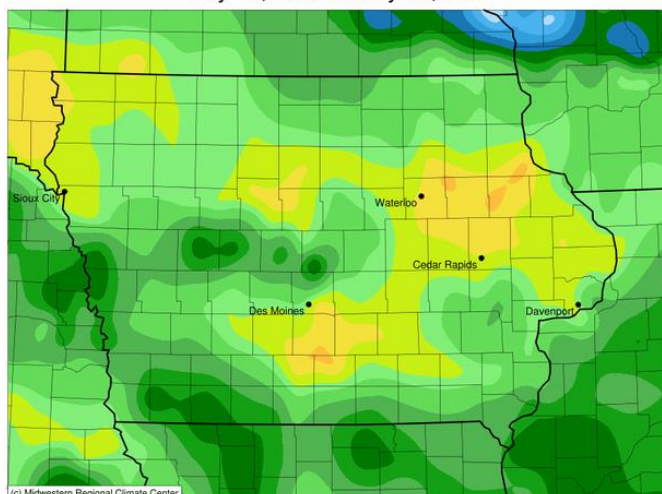
Weekly precipitation totals ranged from 0.02 inch in Chariton (Lucas County) to 2.49 inches in Logan. The statewide weekly average precipitation was 0.43 inch while the normal is 0.97 inch. Little Sioux (Harrison County) reported the week's high temperature of 94 degrees on the 19<sup>th</sup>, 20 degrees above normal. Audubon (Audubon County) and Sioux City Airport (Woodbury County) reported the week's low temperature of 30 degrees on the 22<sup>nd</sup>, on average 21 degrees below normal. Four-inch soil temperatures were in the low 50s northeast to mid 60s southwest as of Sunday.

**Average Temperature (°F): Departure from 1991-2020 Normals**  
 May 16, 2022 to May 22, 2022



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
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**Accumulated Precipitation (in)**  
 May 16, 2022 to May 22, 2022



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