



Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

May 31, 2022

Media Contact: Greg Thessen

A few days of welcome rainfall meant Iowa farmers had **4.1 days suitable for fieldwork** during the week ending May 29, 2022, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included planting, cutting hay, and applying chemicals.

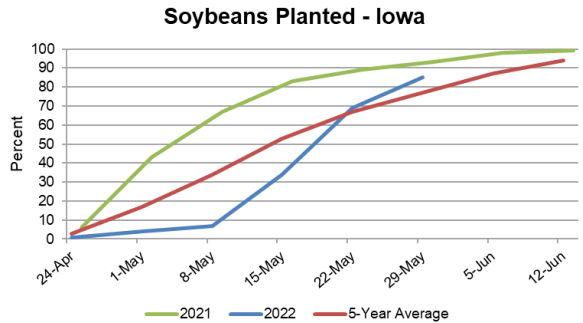
Topsoil moisture conditions rated 1 percent very short, 10 percent short, 80 percent adequate and 9 percent surplus. **Subsoil moisture** conditions rated 2 percent very short, 18 percent short, 74 percent adequate and 6 percent surplus.

Planting is almost complete, with 94 percent of Iowa’s expected **corn** crop planted, 13 days behind last year but equal to the 5-year average. Seventy-three percent of the corn crop has emerged, 6 days behind last year and 2 days behind the average. Iowa’s first corn condition rating of the crop year was 0 percent very poor, 1 percent poor, 13 percent fair, 71 percent good and 15 percent excellent. Eighty-five percent of **soybeans** have been planted, 11 days behind last year but 6 days ahead of the 5-year average. Forty-five percent of **soybeans** have emerged, 8 days behind last year and 1 day behind the average. Ninety percent of the **oat** crop has emerged, 11 days behind last year and 1 week behind the 5-year average. Ten percent of the oat crop has headed, 5 days behind last year. Iowa’s oat condition improved to 82 percent good to excellent.

Fifteen percent of the State’s first cutting of **alfalfa hay** has been completed. **Hay condition** improved to 75 percent good to excellent. **Pasture condition** rose to 63 percent good to excellent. Pastures and hay growth were good as rains replenished soil moisture. Pastures are in good shape for livestock.

Crop Condition as of May 29, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	0	1	13	71	15
Hay, all	0	2	23	61	14
Oats	0	1	17	67	15
Pasture and range ..	0	6	31	49	14



Crop Progress as of May 29, 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	99	98	87	95	95	93	89	85	94	94	86	99	94
Corn emerged	85	86	65	70	63	85	60	42	81	73	47	85	78
Hay, alfalfa, 1st cutting	9	16	28	7	24	18	9	1	21	15	5	15	17
Oats emerged	98	97	89	90	93	90	85	80	92	90	82	98	96
Oats headed	4	8	15	9	11	11	2	5	7	10	4	19	9
Soybeans planted	93	96	81	82	80	98	75	58	92	85	69	92	77
Soybeans emerged	57	40	42	39	38	74	24	15	63	45	18	69	49

Days Suitable for Fieldwork and Soil Moisture Condition as of May 29, 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	4.7	4.2	4.3	3.8	4.7	4.5	2.5	3.4	4.0	4.1	5.4	3.4
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	3	0	1	0	1	0	0	0	2	1	3	1
Short	21	8	4	12	7	12	3	8	15	10	17	14
Adequate	66	86	91	79	85	84	88	54	77	80	76	76
Surplus	10	6	4	9	7	4	9	38	6	9	4	9
Subsoil moisture												
Very short	4	1	1	1	4	2	0	1	3	2	5	10
Short	30	19	6	29	15	12	4	9	23	18	22	28
Adequate	59	79	89	66	76	84	88	56	70	74	69	58
Surplus	7	1	4	4	5	2	8	34	4	6	4	4

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 23, 2022, through 7:00 A.M. Central Time on May 29, 2022.

Unseasonably cool temperatures were observed at most of Iowa's stations over the reporting period with departures of up to eight degrees below normal in southwestern Iowa. The statewide average temperature was 59.2 degrees, 4.1 degrees below normal. Widespread rainfall along with isolated severe weather was also reported. Much of the state experienced normal to above-average rainfall with only northwestern Iowa observing precipitation deficits approaching 0.50 inch below average.

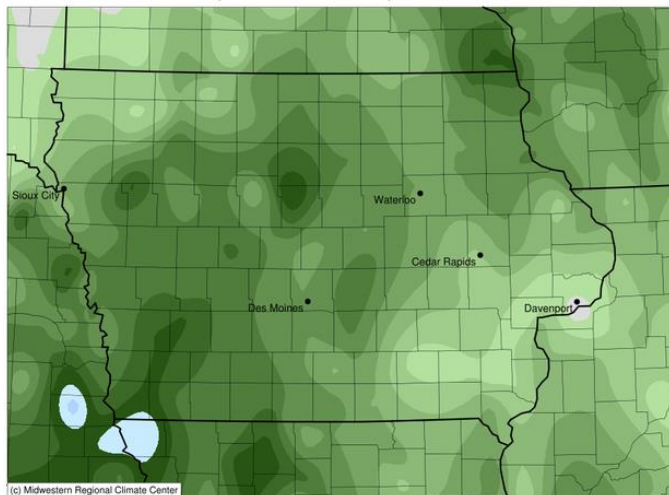
A northwesterly wind held daytime temperatures in the low to mid 60s across Iowa through Sunday (22nd) afternoon with mostly sunny skies. Winds shifted to the east overnight into Monday (23rd) with morning temperatures hovering in the low 30s at several stations in northeastern Iowa; upper 40s were observed in southern Iowa where patchy cloud cover was present. Afternoon conditions were pleasant with highs in the low to mid 60s with a few passing clouds in the southwest. Light easterly winds persisted into Tuesday (24th) as cumulus clouds began to envelop the state from south to north. These thicker clouds held morning temperatures in the low to mid 50s as the sun rose. A shield of light to moderate rainfall lifted north through the afternoon hours ahead of a low pressure disturbance moving out of Kansas and northwestern Missouri. The low pressure center had a wide extent and continued to filter in showers and a few isolated severe-weathered thunderstorms into central and eastern Iowa through Wednesday (25th) evening. Heavier rain was reported across a wide swath with event rain totals at or above 1.00 inch at more than 250 of Iowa's reporting stations with 32 stations measuring 2.00 inches or more. The low's center stalled out over Missouri and Illinois, spinning in additional showers to southeastern Iowa through much of Thursday (26th). Overnight lows ranged from the mid 40s west to upper 50s east with afternoon highs not rebounding much under thick clouds and rainfall.

High pressure took control of the region on Friday (27th) as skies cleared. Sunshine and light winds helped push daytime highs in the low to mid 70s for most locations with mid 80s in the northwest. A southerly shift in the wind kept overnight lows in the mid 50s to mid 60s as isolated thundershowers popped up just before sunrise on Saturday (28th) in north-central Iowa. Additional showers formed in central Iowa and raced east as a strong pressure gradient produced very gusty southerly winds. Rainfall was measured across much of northern Iowa, though totals were generally under a tenth of an inch. Aided by clear skies, temperatures rose into the 80s with mid 90s reported in northwestern Iowa; the statewide average high was 84 degrees, eight degrees above normal. An outflow boundary from storms over the Dakotas fired a small cluster of severe thunderstorms in extreme northwest Iowa during the early morning hours of Sunday (29th). The line expanded farther south, moving over western Iowa and leaving behind a few tenths of an inch of rainfall as well as vivid lightning strikes. Rockwell City (Calhoun County) reported 0.20 inch while Elma (Howard County) measured 0.48 inch at the 7:00 am observation cut-off.

Weekly precipitation totals ranged from 0.11 inch at Keokuk Municipal Airport (Lee County) to 2.90 inches at Hampton (Franklin County). The statewide weekly average precipitation was 1.25 inches while the normal is 1.14 inches. Spencer Municipal Airport (Harrison County) reported the week's high temperature of 95 degrees on the 28th, 20 degrees above normal. Elkader (Clayton County) reported the week's low temperature of 30 degrees on the 23rd, 18 degrees below normal. As of Sunday, four-inch soil temperatures were in the upper 60s and low 70s statewide.

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

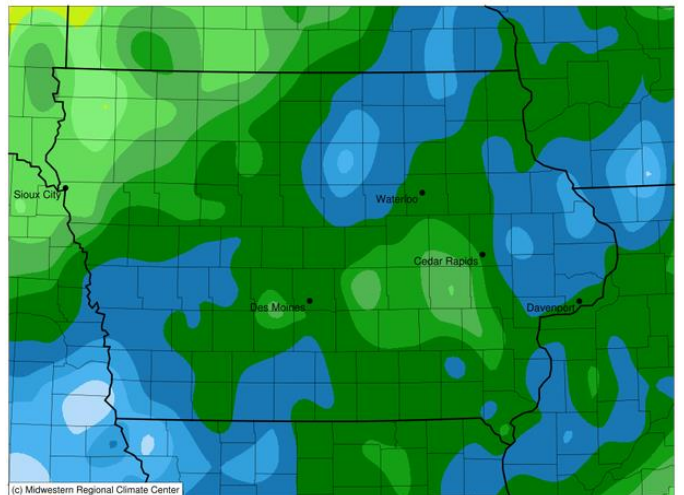
May 23, 2022 to May 29, 2022



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 23, 2022 to May 29, 2022



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