



Widely scattered rain across the State resulted in **5.8 days suitable for fieldwork** during the week ending August 14, 2022, according to the USDA, National Agricultural Statistics Service. Dry conditions continued to stress crops and pastures. Fieldwork included harvesting corn for silage and cutting hay.

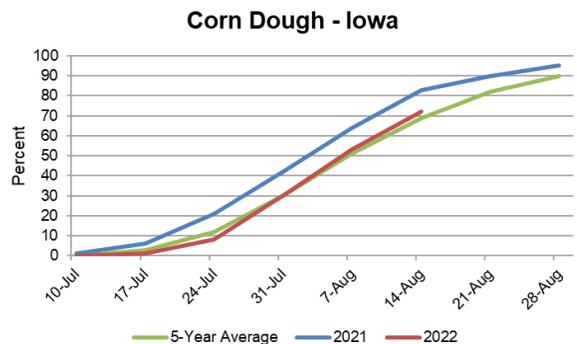
Topsoil moisture condition rated 24 percent very short, 29 percent short, 44 percent adequate and 3 percent surplus. The shortage of moisture was evident with over half of the topsoil considered short to very short in the Northwest, West Central, Central, Southwest, South Central and Southeast Districts. **Subsoil moisture** condition rated 23 percent very short, 32 percent short, 43 percent adequate and 2 percent surplus.

Corn silking or beyond was 96 percent, 6 days behind last year and 5 days behind the 5-year average. Seventy-two percent of the corn crop has reached the dough stage or beyond, 3 days behind last year but 1 day ahead of the average. Fifteen percent of Iowa’s corn crop has reached the dent stage, 4 days behind last year and 1 day behind the 5-year average. Corn condition dropped to 66 percent good to excellent, 7 percentage points below the previous week. Ninety-four percent of **soybeans** were blooming, 12 days behind last year and 3 days behind average. Eighty percent of the soybean crop was setting pods, 8 days behind last year and 2 days behind the 5-year average. Soybeans began coloring at 1 percent, equal to last year and the 5-year average. Iowa’s soybean condition fell to 63 percent good to excellent, 8 percentage points lower than the previous week. **Oats** harvested for grain reached 86 percent, 6 days behind both last year and the average.

Ninety-seven percent of the State’s second cutting of **alfalfa hay** was complete, with the third cutting at 40 percent. **All hay condition** declined to 46 percent good to excellent. **Pasture condition** rated just 32 percent good to excellent. Some producers are feeding hay and hauling water to livestock.

Crop Condition as of August 14, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	2	6	26	50	16
Hay, all	8	18	28	34	12
Pasture and range ..	14	27	27	24	8
Soybeans	2	7	28	49	14



Crop Progress as of August 14, 2022

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)												
Corn silking	97	99	92	96	96	99	92	94	98	96	93	99	98
Corn dough	69	84	58	71	62	85	77	70	72	72	53	80	69
Corn dented	7	15	10	16	12	22	32	20	18	15	5	26	18
Hay, alfalfa, 2nd cutting	99	99	99	93	99	99	99	93	95	97	95	98	97
Hay, alfalfa, 3rd cutting	60	44	40	47	55	29	50	29	45	40	28	51	49
Oats harvested for grain	91	95	70	84	76	95	90	97	92	86	82	92	94
Soybeans blooming	99	96	91	93	93	97	94	82	95	94	89	98	95
Soybeans setting pods	89	87	62	79	77	91	78	61	81	80	69	89	83

Days Suitable for Fieldwork and Soil Moisture Condition as of August 14, 2022

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)											
Days suitable	5.9	5.1	4.5	6.1	6.4	5.4	6.8	6.7	6.0	5.8	6.1	6.1
	(percent)											
Topsoil moisture												
Very short	16	4	2	32	19	3	64	61	57	24	20	23
Short	50	20	8	35	35	16	30	34	23	29	30	38
Adequate	32	74	79	32	44	78	6	5	20	44	48	38
Surplus	2	2	11	1	2	3	0	0	0	3	2	1
Subsoil moisture												
Very short	28	6	1	32	19	2	47	51	50	23	19	27
Short	37	38	13	35	35	17	45	37	35	32	33	40
Adequate	34	53	77	33	44	80	8	12	15	43	47	33
Surplus	1	3	9	0	2	1	0	0	0	2	1	0

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 August 8, 2022, through 7:00 A.M. Central Time on August 14, 2022.

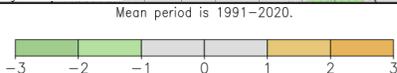
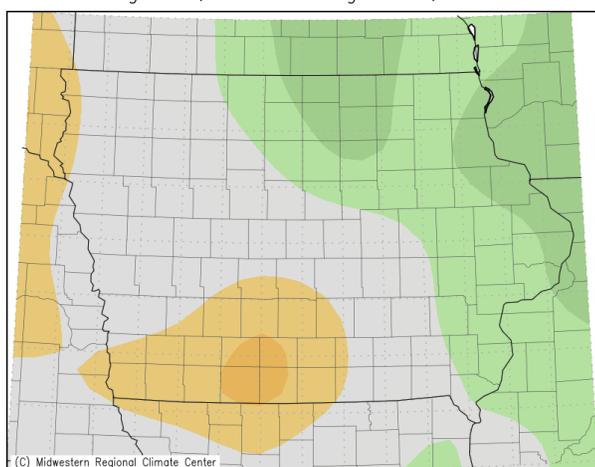
The Iowa State Fair opened towards the tail end of the reporting period with unseasonably dry conditions across much of Iowa; northeastern stations reported above-average rainfall while deficits approaching an inch were observed over the rest of the state. Temperatures were below normal in eastern Iowa where cloud cover and rainfall persisted over multiple days. Southwestern Iowa was up to four degrees warmer than normal with a statewide average temperature of 71.9 degrees, 0.1 degree above normal.

Scattered showers and thunderstorms continued across much of Iowa through Sunday (7th) afternoon and evening. A few isolated cells were severe-warned in central and east-central Iowa with heavier downpours reported. More persistent cells formed in eastern Iowa overnight into Monday (8th) before dissipating during the late morning hours. Event rain totals were highest across pockets of western and east-central Iowa with nearly 30 stations measuring at least an inch. Stations in Clinton, Jackson and Jones counties observed over two inches with Anamosa (Jones County) reporting 3.41 inches; the statewide average rainfall was 0.37 inch. Wind shifted to a northerly direction through the day with clearing skies and high temperatures in the mid 70s north to low 80s south. Variable winds built in overnight into Tuesday (9th) with foggy conditions reported at several stations. Morning lows bottomed out in the 50s with the coolest conditions in northwestern Iowa. Mostly sunny skies reigned through the afternoon hours with seasonal daytime highs in the upper 70s and low 80s. Overnight lows on Wednesday (10th) were in the upper 50s and low 60s with calm to very light winds. Daytime temperatures rebounded into the low 90s in western Iowa with low 80s reported in eastern Iowa. Cloud cover pushed into northern Iowa after midnight and held temperatures in the upper 60s; upper 50s and low 60s were observed in southern Iowa.

Thursday (11th) marked the beginning of the Iowa State Fair and temperatures in Polk County were in the mid to upper 80s. A narrow line of thunderstorms formed in north-central Iowa and pushed southeast through east-central Iowa into the afternoon. A severe-warned thunderstorm dropped nickel to quarter-size hail on Zearing (Story County), producing isolated crop damage. Stations receiving rain registered totals generally under 0.30 inch with higher totals under slower-moving thunderstorms; Iowa Falls (Hardin County) observed 0.52 inch while Lake Mills (Winnebago County) measured 1.80 inches. Additional thundershowers spun into northeastern Iowa overnight into Friday (12th) and remained for much of the day. Under cloud cover, daytime highs hovered in the upper 60s with upper 80s and low 90s over western Iowa where sunshine and southerly winds boosted temperatures. Rain totals reported at 7:00 am on Saturday (13th) were mostly under 0.20 inch though Calmar (Winneshiek County) reported 1.06 inches. A cold front dove southeast through Iowa over the daylight hours, ushering in cloud cover and cooler temperatures; afternoon highs were in the upper 80s ahead of the front and upper 70s behind. A few thunderstorms popped up along the boundary early in the day in extreme northeastern Iowa but fizzled after a few hours. Overcast skies remained into Sunday (14th) morning holding temperatures in the 60s across much of the state, though low 50s were reported northwest.

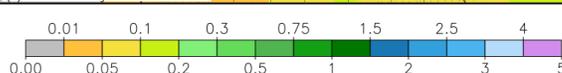
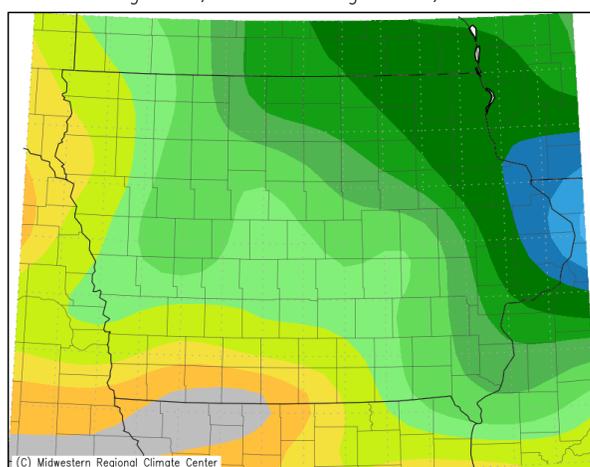
Weekly precipitation totals ranged from no accumulation at multiple western and southern Iowa stations to 3.67 inches in Anamosa. The statewide weekly average precipitation was 0.43 inch while the normal is 0.95 inch. Indianola (Warren County) and Oskaloosa (Mahaska County) reported the week's high temperature of 99 degrees on the 7th, on average 14 degrees above normal. Anamosa (Jones County) reported the week's low temperature of 47 degrees on the 10th, 14 degrees below normal.

Average Temperature (°F): Departure from Mean
 August 8, 2022 to August 14, 2022



State Climatologist
 Iowa Dept. of Agriculture & Land Stewardship; Des Moines, IA
<http://www.agriculture.state.ia.us/climatology.asp>

Accumulated Precipitation (in)
 August 8, 2022 to August 14, 2022



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