



# Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

July 18, 2022

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Little precipitation and above average temperatures resulted in **5.6 days suitable for fieldwork** during the week ending July 17, 2022, according to the USDA, National Agricultural Statistics Service. Fieldwork included cutting hay and starting fungicide applications.

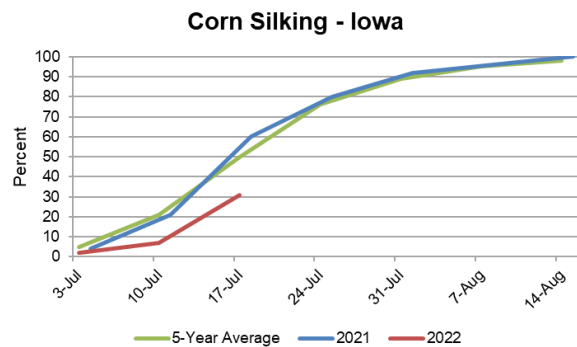
**Topsoil moisture** condition rated 6 percent very short, 24 percent short, 66 percent adequate and 4 percent surplus. **Subsoil moisture** condition rated 8 percent very short, 23 percent short, 65 percent adequate and 4 percent surplus.

**Corn** silking or beyond was 31 percent, 4 days behind both last year and the 5-year average. Scattered reports throughout the State showed 1 percent of the corn crop reached the dough stage. Corn condition rating was 81 percent good to excellent. Fifty-five percent of **soybeans** were blooming, 6 days behind last year and 2 days behind average. Thirteen percent of the soybean crop was setting pods, 1 week behind last year and 3 days behind the 5-year average. Iowa's soybean condition rating was 78 percent good to excellent. Nearly all the **oat** crop has headed with 67 percent of oats turning color or beyond, 1 week behind last year. Oat harvest for grain reached 16 percent, 3 days behind last year. Iowa's oat condition was 81 percent good to excellent.

Fifty-five percent of the State's second cutting of **alfalfa hay** was complete. **All hay condition** rated 72 percent good to excellent. **Pasture condition** rated 57 percent good to excellent. Livestock were stressed due to above average heat and humidity with pinkeye in cattle still an issue.

## Crop Condition as of July 17, 2022

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn .....	1	2	16	63	18
Hay, all .....	0	3	25	57	15
Oats .....	0	1	18	68	13
Pasture and range ..	2	6	35	46	11
Soybeans .....	1	3	18	61	17



## Crop Progress as of July 17, 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 silking .....	24	26	11	37	43	47	29	29	37	31	7	54	50
Hay, alfalfa, 2nd cutting .....	71	67	59	69	77	57	67	27	57	55	35	61	66
Oats coloring .....	79	85	41	72	61	81	78	84	81	67	48	83	78
Oats harvested for grain .....	29	9	7	7	14	24	14	21	20	16	2	22	18
Soybeans blooming .....	70	50	35	60	52	84	33	30	62	55	34	72	61
Soybeans setting pods .....	26	10	4	17	5	23	5	6	8	13	3	28	19

## Days Suitable for Fieldwork and Soil Moisture Condition as of July 17, 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 .....	5.7	6.1	4.6	5.6	5.9	5.2	6.1	5.6	5.2	5.6	4.0	4.3
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short .....	23	2	0	8	2	1	1	1	14	6	3	6
Short .....	38	27	5	28	20	10	19	39	35	24	19	27
Adequate .....	38	70	81	63	70	87	80	57	50	66	72	62
Surplus .....	1	1	14	1	8	2	0	3	1	4	6	5
Subsoil moisture												
Very short .....	23	3	0	16	4	1	1	1	15	8	7	15
Short .....	34	35	4	24	20	15	14	32	33	23	22	37
Adequate .....	41	61	86	58	68	81	85	63	51	65	66	46
Surplus .....	2	1	10	2	8	3	0	4	1	4	5	2

**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 July 11, 2022, through 7:00 A.M. Central Time on July 17, 2022.*

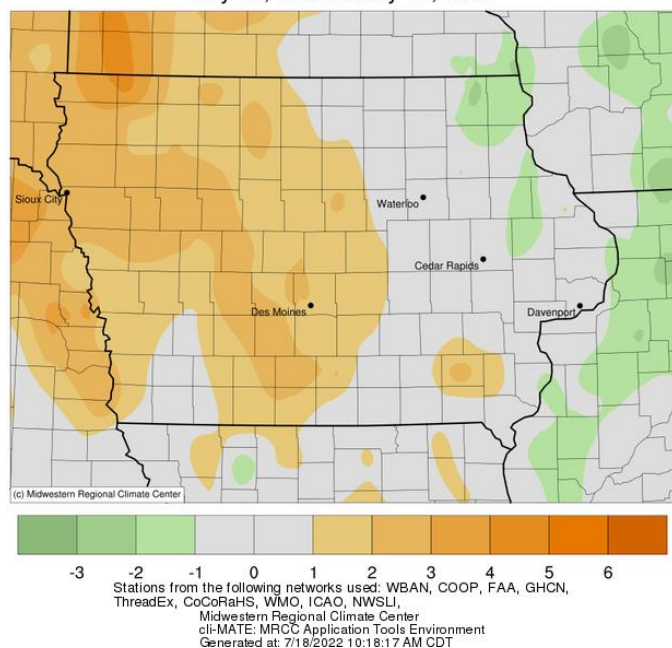
Temperatures over the reporting period were slightly warmer than average in western Iowa with near-normal conditions in eastern Iowa. The statewide average temperature registered at 74.8 degrees, a tenth of a degree below normal. Widespread rainfall was also reported across Iowa with wetter than average conditions along the Iowa-Wisconsin border, where over two inches of above-average totals were observed. The remainder of the state was drier than normal with negative totals approaching one inch.

Southerly winds increased into Sunday (10<sup>th</sup>) afternoon with high temperatures ranging from the upper 80s west to low 80s east under sunny skies. Clouds increased overnight as a disturbance pushed into western Iowa, firing a complex of severe thunderstorms that raced through the central portion of the state before pushing out of eastern Iowa by Monday (11<sup>th</sup>) morning. A county-wide band of at least 0.50 inch was observed from Monona County to Johnson County. Several stations in central Iowa reported at least an inch with Story City (Story County) measuring 1.90 inches. Light rain showers persisted through the afternoon hours leaving behind widespread though very light totals that were generally less than a tenth of an inch. Winds shifted to the northwest as highs hovered in the low to mid 80s under clearing skies. High pressure built into the Midwest on Tuesday (12<sup>th</sup>) filtering in very patchy cloud cover over portions of the state. Daytime temperatures were near-seasonal with a light north-north westerly wind. A weak cold front dropped into northeastern Iowa after midnight on Wednesday (13<sup>th</sup>) bringing light shower to a few counties. Morning temperatures dipped into the upper 50s and low 60s with a light, variable wind and patchy fog in southwest Iowa. Partly cloudy skies remained across much of eastern Iowa with temperatures in the low 80s north to upper 80s south. Spotty showers formed in east-central Iowa very early on Thursday (14<sup>th</sup>) morning leaving behind isolated and light totals.

Another low pressure system pushed through Iowa into the evening and overnight hours, bringing locally heavy rainfall to northeastern Iowa. Additional storms formed along a cold front as the low moved east, leaving behind widespread rain across much of Iowa. The system persisted through Friday (15<sup>th</sup>) morning before dissipating after noon. Event totals were highest in the northeast with over 25 stations measuring an inch and a statewide average of 0.35 inch; four stations measured at least three inches with Dubuque Lock and Dam (Dubuque County) registering 3.79 inches. Daytime highs reached into the low to mid 90s in south-central Iowa with upper 70s in the northeast. Widespread and locally dense fog developed prior to sunrise on Saturday (16<sup>th</sup>) with unseasonably warm low temperatures in the upper 60s and low 70s. Scattered showers moved into western Iowa and expanded into central Iowa over the evening and nighttime hours as temperatures held in the mid to upper 60s. Rain totals reported at 7:00 am on Sunday (17<sup>th</sup>) were on the light side with Sanborn (O'Brien County) measuring 0.16 inch.

Weekly precipitation totals ranged from 0.01 inch at several northern and southwestern stations to 3.84 inches at Dubuque Lock and Dam. The statewide weekly average precipitation was 0.63 inch while the normal is 0.98 inch. Osceola (Clarke County) reported the week's high temperature of 97 degrees on the 15<sup>th</sup>, 10 degrees above normal. Anamosa (Jones County) reported the week's low temperature of 51 degrees on the 12<sup>th</sup>, 10 degrees below normal.

**Average Temperature (°F): Departure from 1991-2020 Normals**  
 July 11, 2022 to July 17, 2022



**Accumulated Precipitation (in)**  
 July 11, 2022 to July 17, 2022

