



# Iowa Ag News – Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

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Media Contact: Greg Thessen

Much of Iowa received heavy rains which only allowed farmers 3.9 **days suitable for fieldwork** during the week ending June 30, 2024, according to the USDA, National Agricultural Statistics Service. Field activities were limited due to rain and flooding throughout much of the State.

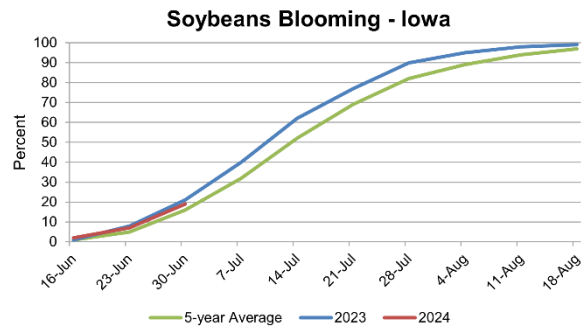
**Topsoil moisture** condition rated 1 percent very short, 7 percent short, 76 percent adequate and 16 percent surplus. **Subsoil moisture** condition rated 1 percent very short, 10 percent short, 75 percent adequate and 14 percent surplus.

**Corn** silking reached 4 percent, 1 day ahead of last year and 4 days ahead of the 5-year average. Corn condition fell 4 percentage points to 73 percent good to excellent. **Soybeans** blooming reached 19 percent, 1 day behind of last year but 2 days ahead of average. The condition of the soybean crop was 72 percent good to excellent. Ninety-three percent of the **oat** crop has headed. Oats turning color reached 43 percent, 6 days ahead of the average. Oat condition rated 72 percent good to excellent.

The State's second cutting of **alfalfa hay** reached 17 percent complete, equal to the 5-year average. **Hay condition** rated 78 percent good to excellent. **Pasture condition** rated 73 percent good to excellent. Many feedlots remain muddy due to excess moisture.

## Crop Condition as of June 30, 2024

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn .....	2	5	20	57	16
Hay, all .....	1	2	19	59	19
Oats .....	1	3	24	57	15
Pasture and range ..	1	3	23	56	17
Soybeans .....	2	5	21	58	14



## Crop Progress as of June 30, 2024

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)
Hay, alfalfa, 2nd cutting .....	19	21	18	15	23	15	14	10	25	17	4	30	17
Oats headed .....	98	97	91	89	95	97	91	86	87	93	86	98	88
Oats coloring .....	35	44	30	43	64	46	52	46	62	43	28	38	23
Soybeans blooming .....	14	21	5	16	15	38	21	20	26	19	7	21	16

## Days Suitable for Fieldwork and Soil Moisture Condition as of June 30, 2024

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 .....	2.9	3.2	4.4	4.1	4.6	4.0	4.1	4.1	3.7	3.9	3.9	5.1
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short .....	0	0	0	0	0	4	0	1	6	1	1	17
Short .....	0	0	4	7	7	10	6	20	21	7	8	38
Adequate .....	57	82	77	85	77	80	84	72	71	76	74	44
Surplus .....	43	18	19	8	16	6	10	7	2	16	17	1
Subsoil moisture												
Very short .....	0	0	0	2	0	4	0	1	2	1	1	21
Short .....	0	0	2	18	11	12	7	24	30	10	11	40
Adequate .....	50	91	83	73	80	81	81	69	65	75	71	38
Surplus .....	50	9	15	7	9	3	12	6	3	14	17	1

The complete report can be found on the USDA NASS website at [www.nass.usda.gov/Publications](http://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 June 24, 2024, through 7:00 A.M. Central Time on June 30, 2024.*

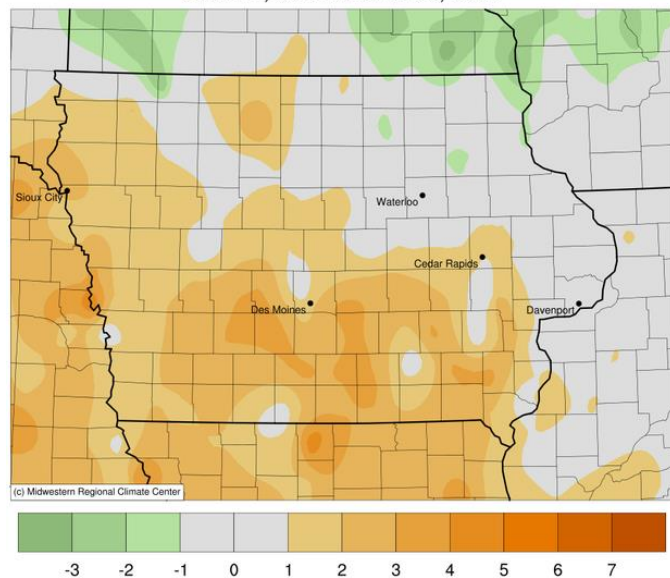
While many rivers and inland streams continue to crest from record rainfalls, June’s final reporting period was unseasonably wet. Iowa’s southeast half received above-average rainfall with below-normal totals northwest. Temperatures remained warmer across most of Iowa with near-normal conditions to the north; Iowa’s average temperature was 73.5 degrees, 1.1 degrees above normal.

Partly cloudy conditions developed through Sunday (23<sup>rd</sup>) afternoon with light westerly winds and temperatures in the mid to upper 80s. Winds shifted to the southwest as spotty thundershowers popped up overnight across north-central to southern Iowa. Monday (24<sup>th</sup>) morning was unseasonably warm with low temperatures holding in the 70s. Several stations reported rainfall totals from 0.16 inches in Dallas Center (Dallas County) to 1.94 inches in Kanawha (Hancock County). Clouds hung around portions of southern Iowa as afternoon temperatures rose into the upper 80s and low 90s with dewpoint temperatures in the upper 70s and low 80s. Strong southwesterly winds built in after sunset before shifting to the northwest over northern Iowa as a strong cold front dropped south. Strong storms fired near daybreak on Tuesday (25<sup>th</sup>) across southern Iowa where morning lows were in the low 80s, up to 20 degrees above normal. High temperatures again reached into the low 90s as ample moisture and instability refired strong to severe storms during the evening hours. With existing outflow boundaries from morning storms and ideal atmospheric conditions, funnel clouds were observed across central and southern Iowa; several land spouts were reported from funnels contacting the surface. There were also multiple reports of severe straight-line winds and heavy rain. Much of Iowa’s southern half received at least 0.50 inches with nearly 60 stations registering an inch; numerous central Iowa gauges collected over two inches with 2.03 inches in Pleasant Hill (Polk County) to 2.71 inches in Norwalk (Warren County). Winds became variable into Wednesday (26<sup>th</sup>) with some isolated showers in eastern Iowa. Daytime conditions were sunny with a northerly wind and temperatures in the low to mid 80s.

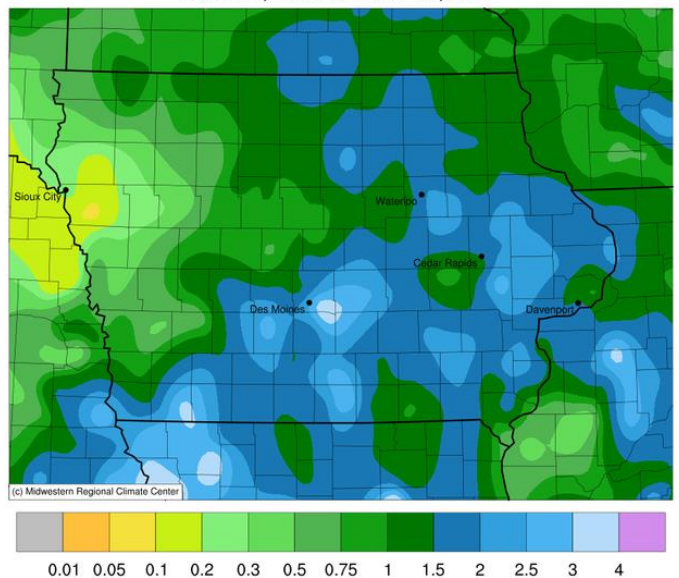
An easterly shifting wind signaled an approaching weather disturbance that brought widespread showers throughout the state for much of Thursday (27<sup>th</sup>). Afternoon temperatures remained in the low 70s where clouds and rain were present. Showers and thunderstorms persisted into Friday (28<sup>th</sup>) morning as a cold front advanced southeast through the state. Most of the state’s stations reported at least 0.75 inches with much of eastern Iowa registering more than double. Over 175 locations broke the 1.00 inch mark with a swath of 2.00 inch totals in east-central Iowa; Robins (Linn County) observed 2.04 inches while 2.60 inches was reported in Dysart (Tama County) and an overall statewide average coming in at 0.93 inches. A brief and narrow line of strong thunderstorms produced a few reports of a rope tornado near Atlantic (Cass County) into the evening hours. Patchy fog formed over eastern Iowa by sunrise on Saturday (29<sup>th</sup>) with morning lows ranging from the mid 60s north to low 70s south. Afternoon conditions were pleasant with a gusty northwesterly wind and highs in the low 80s southeast to low 70s northwest. Star-lit skies remained through Sunday (30<sup>th</sup>) morning with lows dropping into the mid to upper 50s statewide.

Weekly precipitation totals ranged from 0.12 inches at Sioux City Airport (Woodbury County) to 3.88 inches in Kanawha. The statewide weekly average precipitation was 1.41 inches while the normal is 1.16 inches. Little Sioux (Harrison County) reported the week’s high temperature of 102 degrees on the 24<sup>th</sup>, 17 degrees above normal. Mapleton (Monona County) reported the week’s low temperature of 46 degrees on the 30<sup>th</sup>, on average 15 degrees below normal.

**Average Temperature (°F): Departure from 1991-2020 Normals**  
June 24, 2024 to June 30, 2024



**Accumulated Precipitation (in)**  
June 24, 2024 to June 30, 2024



Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at:  
<https://mrcc.purdue.edu/CLIMATE/>