

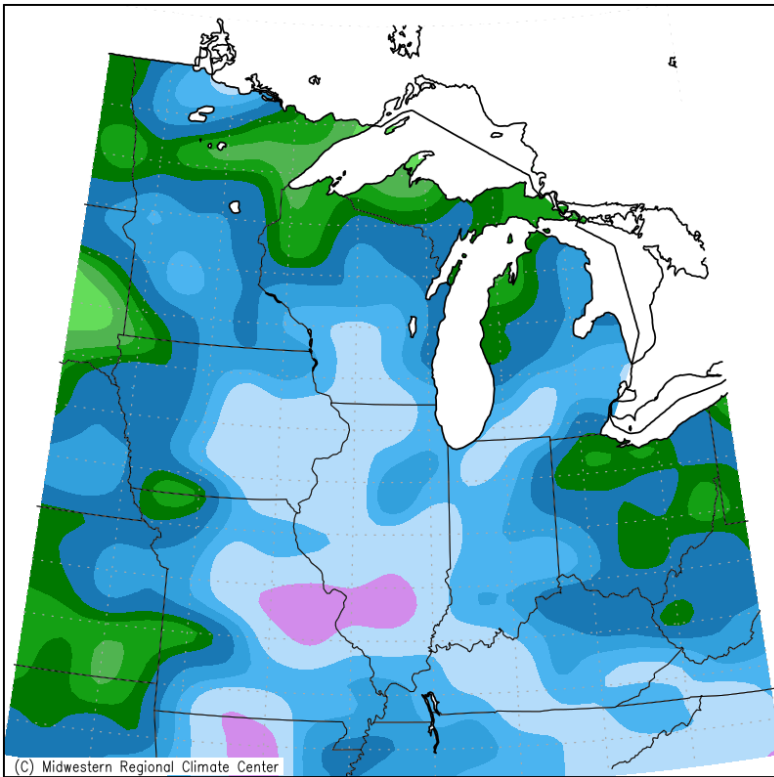


July 2024 Climate Summary

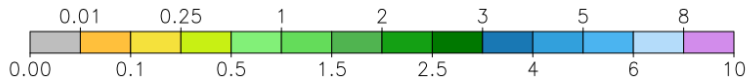
July 2024 Precipitation Highlights:

- It was a very wet month with the vast majority of central and southeast Illinois climate sites exceeding the normal monthly rainfall.
- Most locations received between 6 – 9 inches of rain during July, which was 150-200% (or 1.5- 2 times) the normal monthly rainfall.
- Springfield, Illinois received 7.58", making July 2024 the 6th wettest on record dating back 145 years (since 1879).
- Springfield also set a daily rainfall record on July 16th, tallying 2.85" in a 24 hour period.

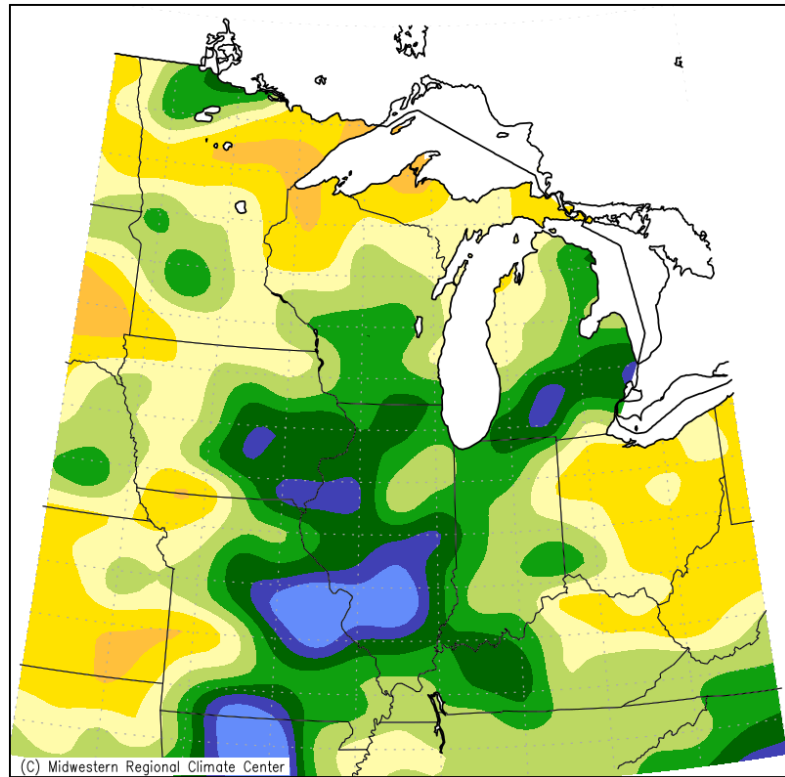
Precipitation Total (inches)



(C) Midwestern Regional Climate Center

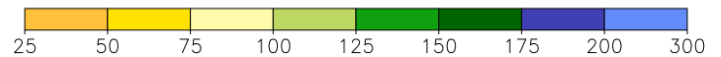


Percent Chance of Normal (%)



(C) Midwestern Regional Climate Center

Mean period is 1991–2020.

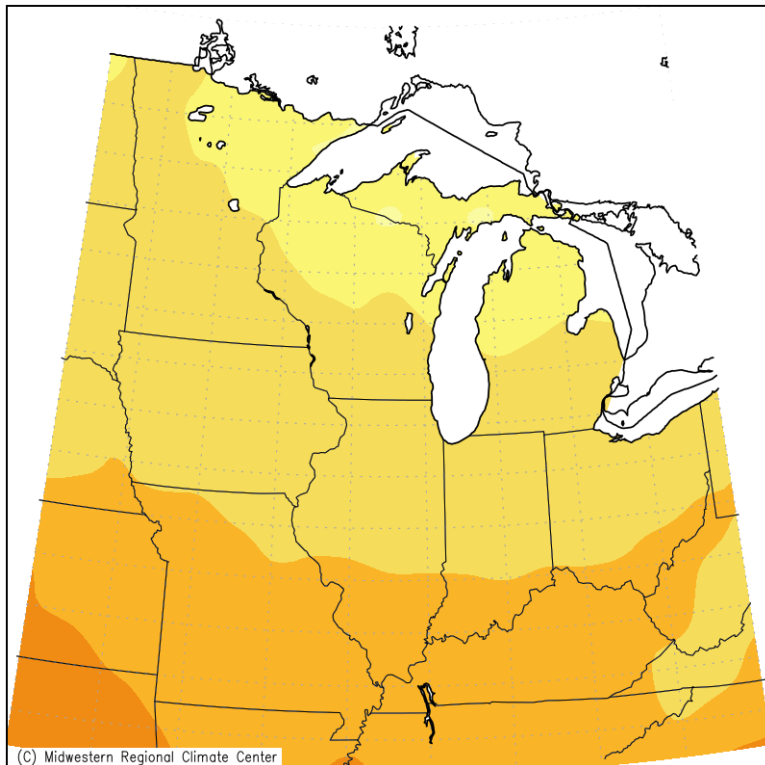




July 2024 Temperature Highlights:

- With the abundance of rain and clouds, it is no surprise to see central and southeast Illinois below normal on the average monthly temperature for July 2024.
- Most climate sites were between 0.5 – 2.5 °F cooler than average for the month, and Springfield, Illinois witnessed two new record lows on July 1st (49 °F) and July 19th (54 °F). This contributed to Springfield ranking in the 17th percentile of coolest Julys, dating back to 1879.

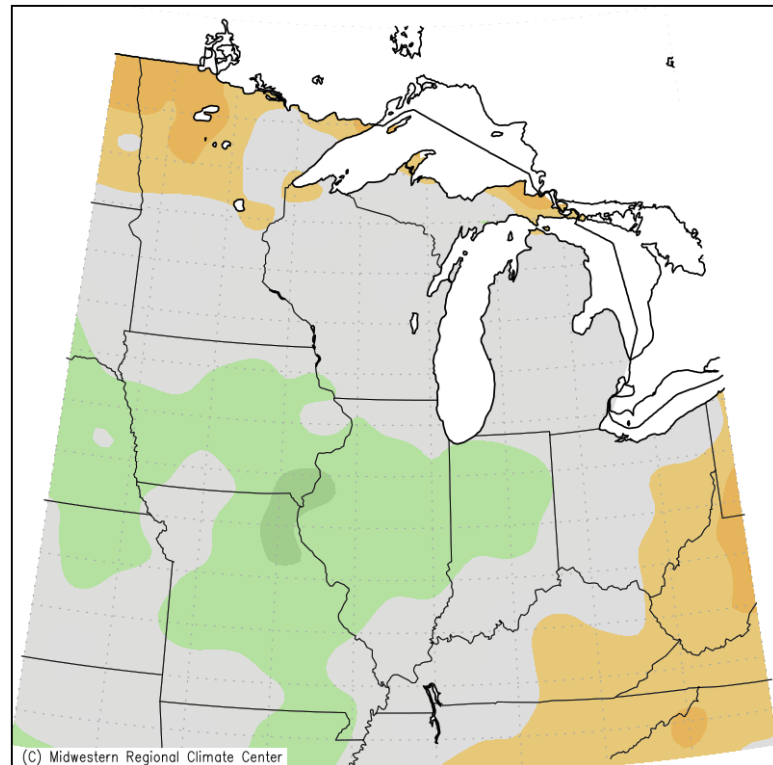
Average Temperature (°F)



(C) Midwestern Regional Climate Center



Departure from Normal (°F)



(C) Midwestern Regional Climate Center

Mean period is 1991–2020.





Climate Statistics for July 2024

Site	Precipitation (inches)	Departure from Normal	Temperature (F)	Departure from Normal
Charleston	8.97	4.57	76.1	-1.1
Danville	8.92	4.58	73.5	-1.6
Decatur	9.34	5.34	73.5	-2.1
Effingham	8.12	3.83	N/A	N/A
Galesburg	7.67	3.63	73.0	-1.7
Jacksonville	4.09	0.13	73.9	-1.4
Lincoln	5.96	1.05	72.8	-1.8
Normal	3.52	-0.60	72.5	-2.0
Olney	8.90	3.94	75.2	-1.0
Paris	6.50	2.67	73.1	-1.0
Peoria	M	M	75.6	-0.7
Springfield	7.58	3.73	74.3	-2.2
Taylorville	6.17	2.86	73.9	N/A
Urbana	7.59	3.10	73.9	-1.3

The following links are the monthly climate summaries for area cities. Only the summaries for Peoria, Springfield, and Lincoln are considered "official", meaning they are the station of record for their respective locations. The other summaries are "supplemental", meaning another location in the area is the official climate station for the city.

[Peoria](#) -- Peoria International Airport

[Springfield](#) -- Abraham Lincoln Capital Airport

[Lincoln](#) -- National Weather Service Office

[Champaign](#) -- University of Illinois-Willard Airport

[Decatur](#) -- Decatur Airport

[Lawrenceville](#) -- Lawrenceville-Vincennes International Airport

[Mattoon](#) -- Coles County Memorial Airport

Climate data for other cities is available at <http://w2.weather.gov/climate/xmacis.php?wfo=ilx>



Look Ahead to August

- Official outlooks from NOAA's Climate Prediction Center show above normal temperatures and equal chances for above and below normal precipitation for the month of August.

