



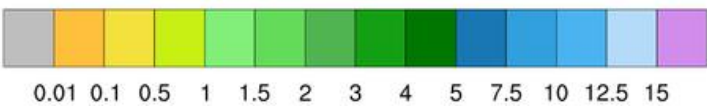
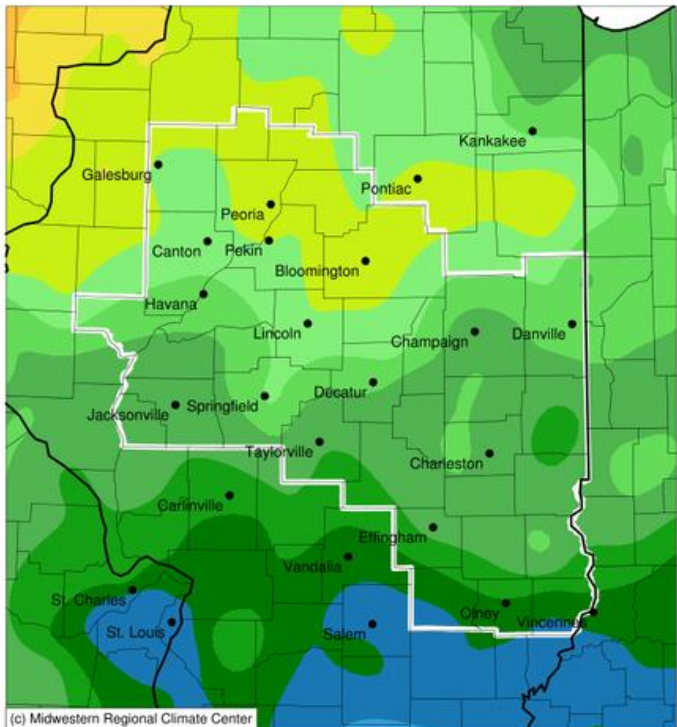
# September 2024 Climate Summary

## September 2024 Precipitation Highlights:

- Rainfall for September was mostly below normal across central and southeast Illinois, with areas north of I-72 experiencing a 1 to 3 inch deficit this month. This resulted in worsening drought conditions across the region (See [Drought Monitor Page](#)).
- Many climate and COOP sites did not report *any* rainfall through mid-September, with the bulk of this month’s rain coming between Sept. 20-28<sup>th</sup>.
- Areas south of I-72 did receive beneficial rainfall from the remnants of Hurricane Helene, which impacted our region between Sept. 26-28<sup>th</sup>.
- No daily precipitation records were broken, but **Peoria experienced its 4<sup>th</sup> driest September** on record reporting only 0.72” for the month. **Lincoln had its 8<sup>th</sup> driest September** reporting only 0.98”.

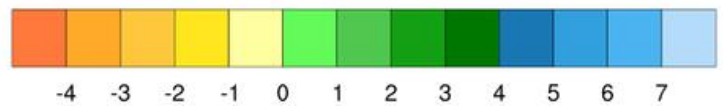
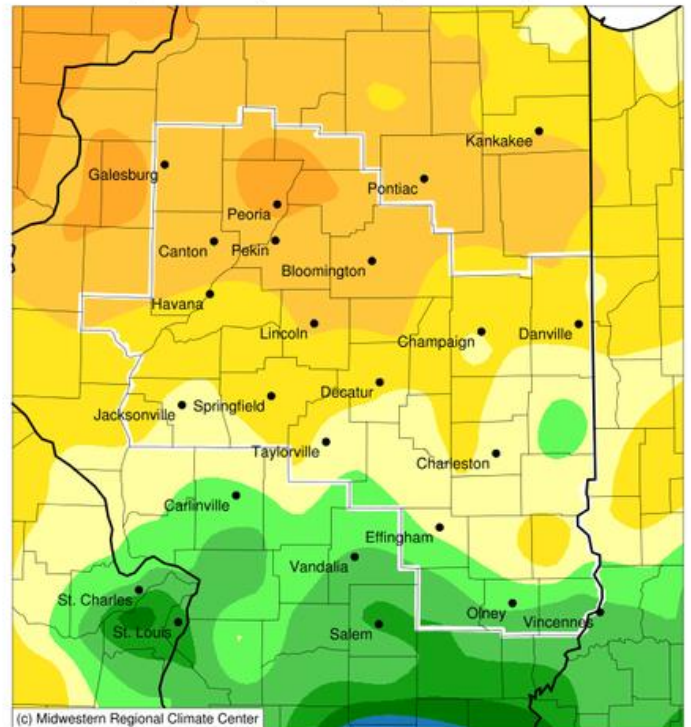
Accumulated Precipitation (in)

September 01, 2024 to September 30, 2024



Accumulated Precipitation (in): Departure from 1991-2020 Normals

September 01, 2024 to September 30, 2024





## September 2024 Temperature Highlights:

- The average temperature ranged between 67°F and 70°F across central and southeast Illinois. When measured against climatology, these values are considered slightly above normal. The departure map (lower right) depicts an average temperature between 0.5°F and 3.0°F warmer than normal for our region.
- Lincoln, IL did break 2 temperature records:
  - *Sep 7, 2024: Record cold high of 67°F broke the previous record of 70°F set back in 2018*
  - *Sep 9, 2024: Record low of 40°F broke the previous record of 42°F set back in 1986*

**Average Temperature (°F)**

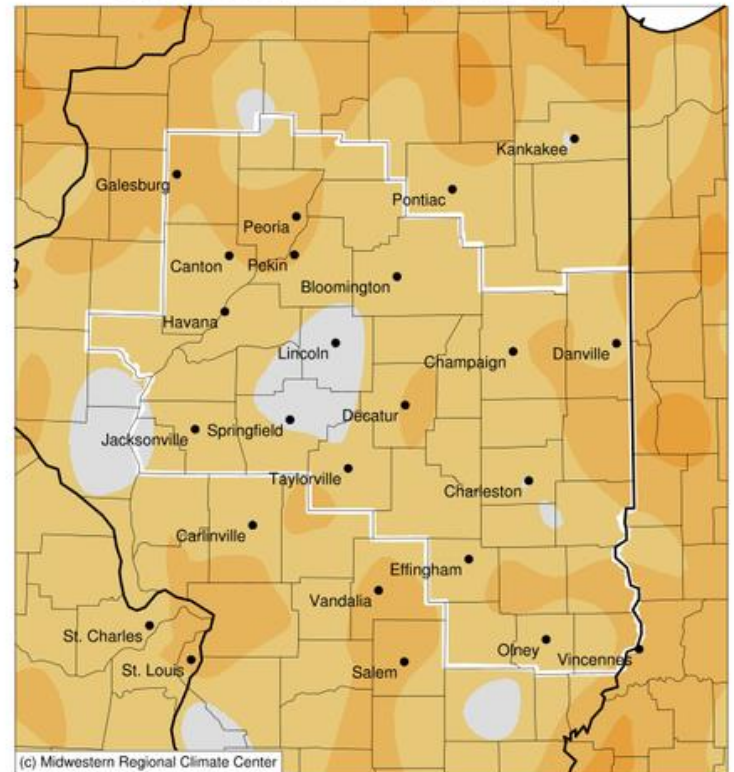
September 01, 2024 to September 30, 2024



(c) Midwestern Regional Climate Center

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

September 01, 2024 to September 30, 2024



(c) Midwestern Regional Climate Center

60 65 70 75

-1 0 1 2 3 4 5 6 7



## Climate Statistics for September 2024

Site	Precipitation (inches)	Departure from Normal	Temperature (F)	Departure from Normal
Charleston	2.77	-0.38	70.3	1.3
Danville	1.59	-1.67	68.7	1.4
Decatur	1.89	-1.19	68.2	0.9
Effingham	2.05	-0.84	N/A	N/A
Galesburg	1.01	-2.84	68.2	2.7
Jacksonville	2.84	-0.66	68.5	1.8
Lincoln	0.98	-2.32	66.5	0.2
Normal	0.95	-2.27	66.6	0.7
Olney	4.28	0.97	69.5	1.4
Paris	3.54	0.60	68.4	2.6
Peoria	0.72	-2.76	70.0	2.6
Springfield	1.66	-1.22	68.6	0.6
Taylorville	3.03	-0.69	68.7	N/A
Urbana	2.56	-0.51	69.3	2.4

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 October

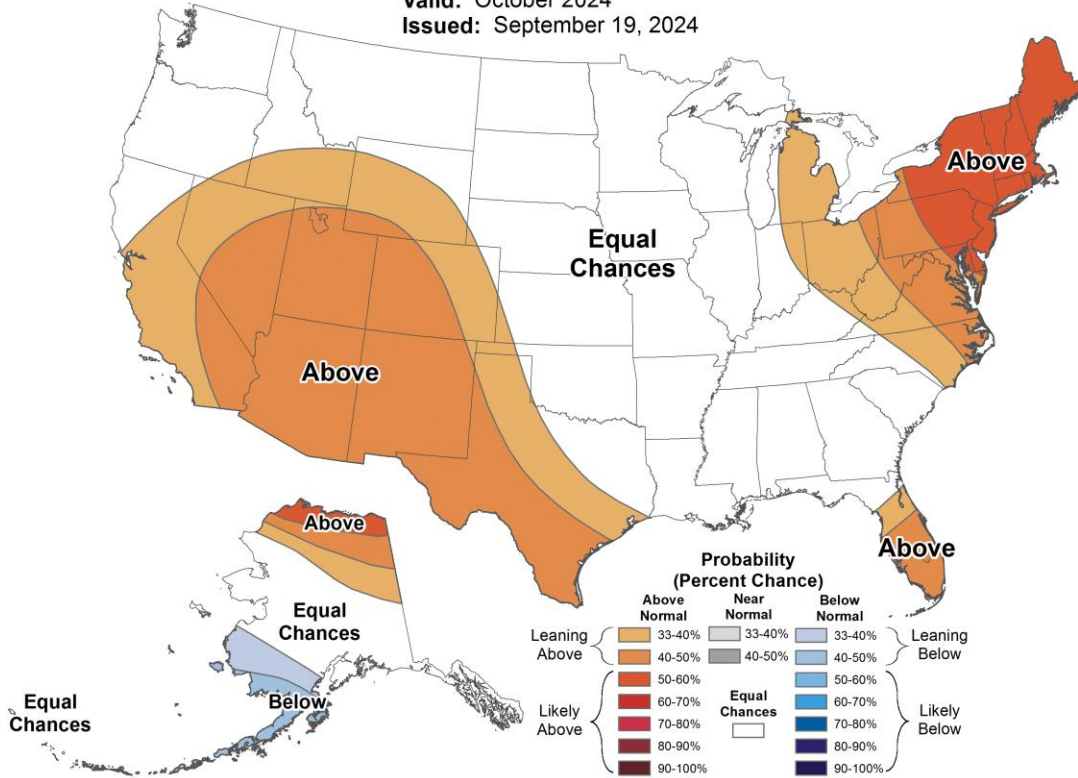
- Official outlooks from NOAA's Climate Prediction Center show equal chances for above and below normal temperatures, but lean slightly toward below normal precipitation for the month of October in central IL.



### Monthly Temperature Outlook



Valid: October 2024  
Issued: September 19, 2024



### Monthly Precipitation Outlook



Valid: October 2024  
Issued: September 19, 2024

