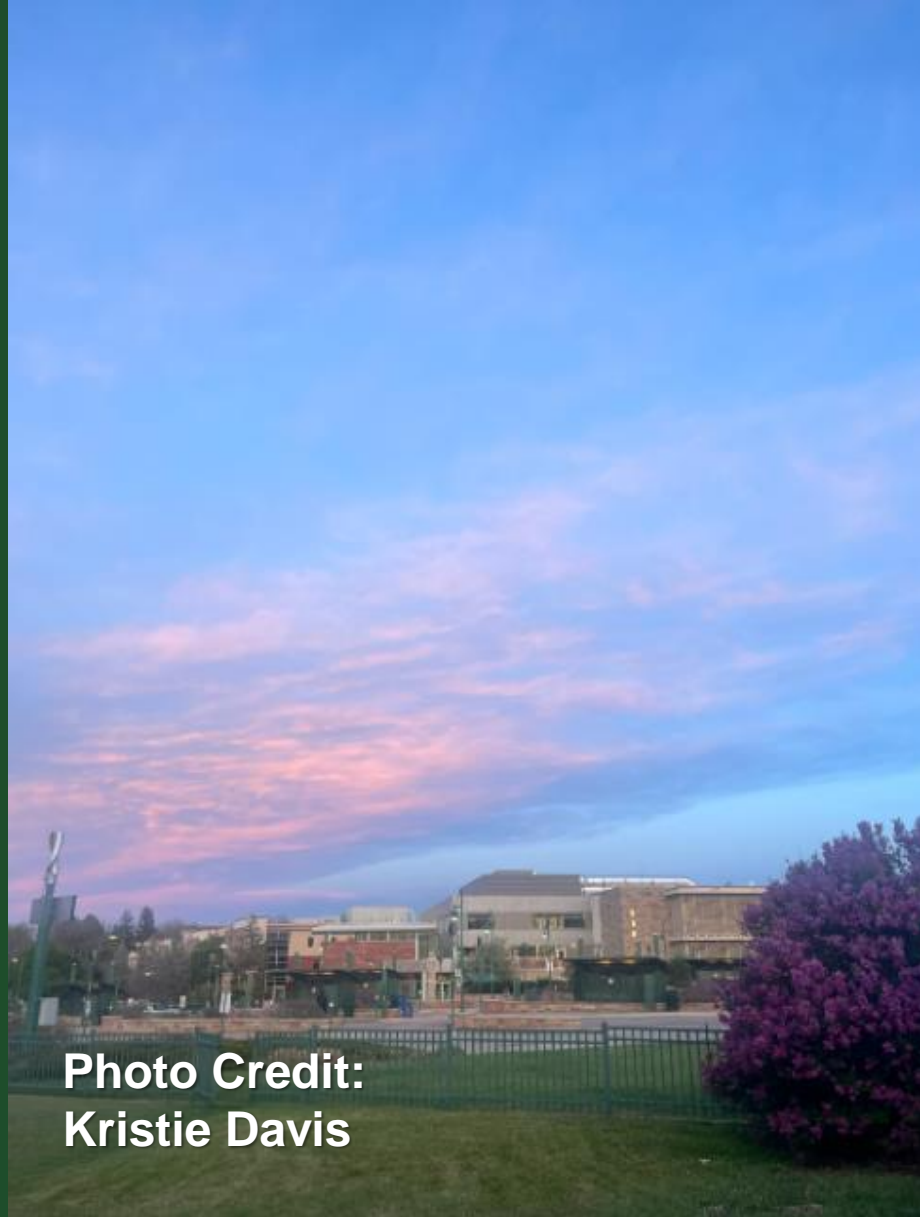


Fort Collins Weather Station Monthly Summary

April 2025



**Photo Credit:
Kristie Davis**



**Photo Credit:
Allie Mazurek**



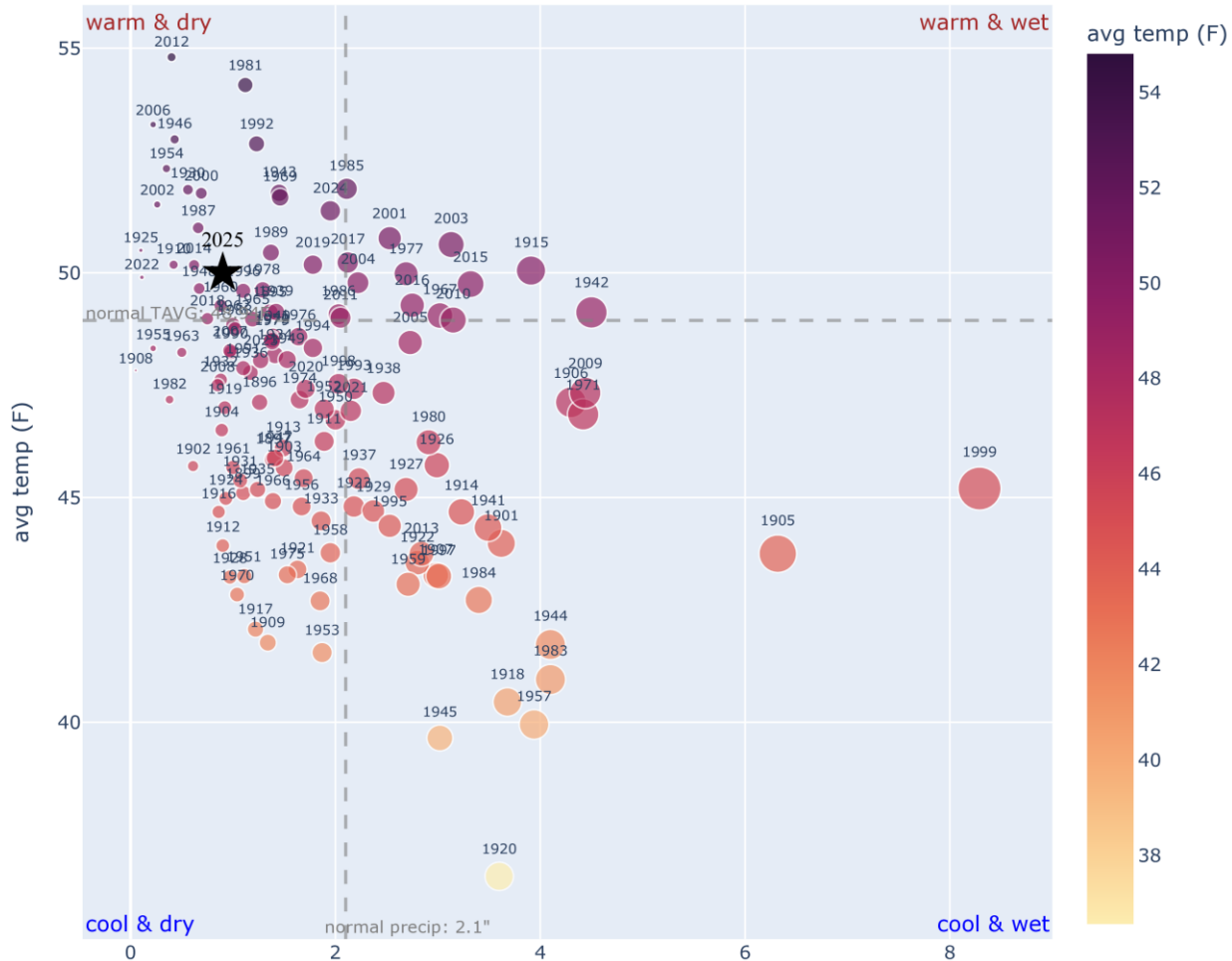
COLORADO
CLIMATE
CENTER



ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY

Average April Temperature and Precipitation

FORT COLLINS temperature and precipitation, April 1 - April 30



The average air temperature for April 2025 was 49.9 °F, 0.9 °F above our 1991-2020 April normal (49.0 °F)

The last warmer April was 2024 (51.2 °F)

We received 0.90" of precipitation in April 2025, 43% of our 1991-2020 April normal (2.10"). The last drier April was 2022 (0.11").

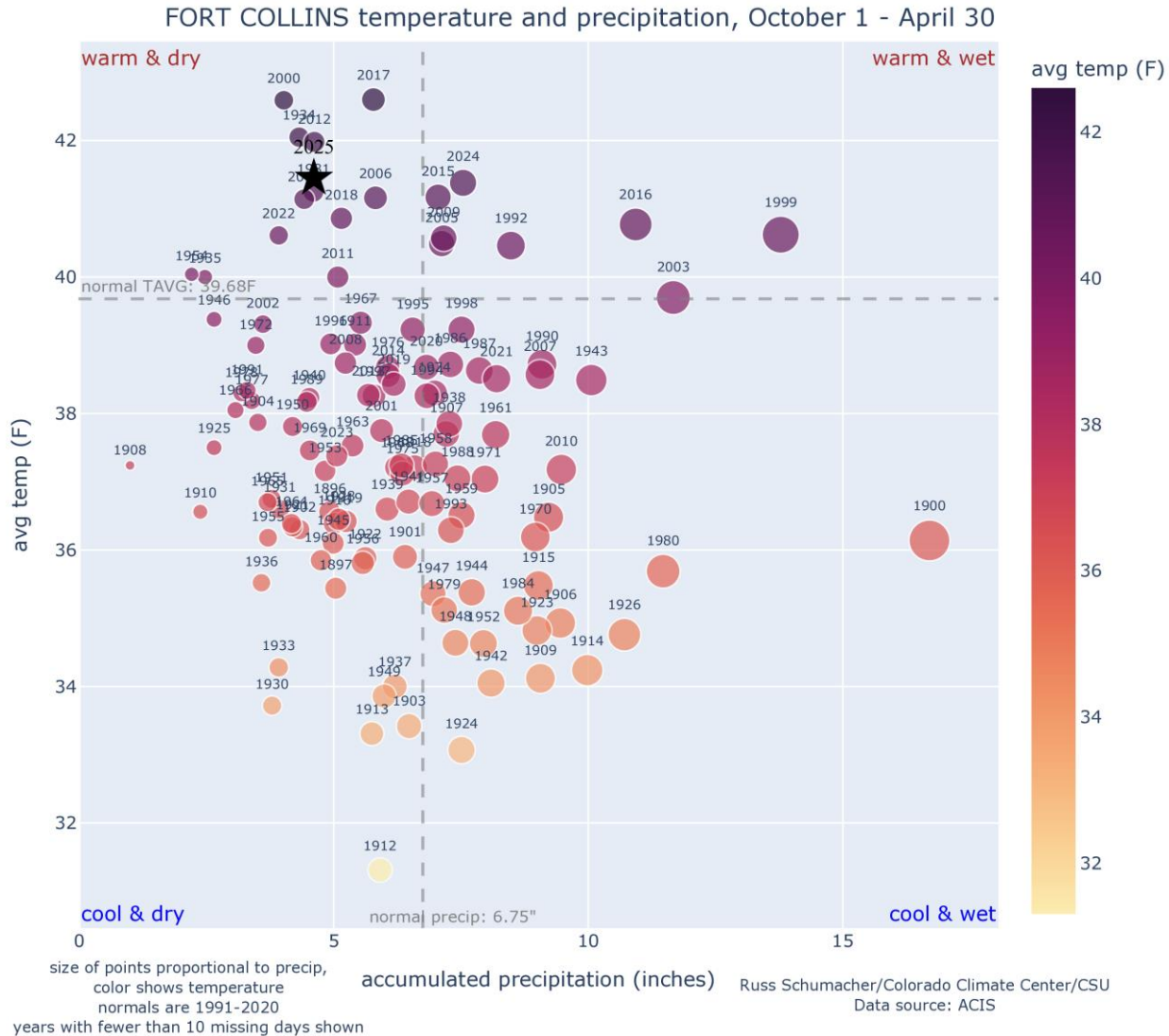
We received 3.2" of snowfall in April 2025, 52% of our 1991-2020 April normal (6.2")

The last April with less snow was 2022 with no snowfall

size of points proportional to precip, color shows temperature
 normals are 1991-2020
 years with fewer than 3 missing days shown
 accumulated precipitation (inches) Russ Schumacher/Colorado Climate Center/CSU
 Data source: ACIS



Water Year 2025 Temperature and Precipitation



The average air temperature for October-April 2025 was 41.4 °F. This is 1.5 °F warmer than the 1991-2020 normal (39.6 °F)

The last warmer October-April was 2024 (41.5 °F)

We received 4.61" of precipitation this water year to date. This is 68% of our 1991-2020 normal (6.75"). April is our second wettest month on average, so recording less than 50% of normal precipitation in April hurts. May is our wettest month on average. If we do not have a wetter than normal May, we are very likely to close the water year with below normal precipitation.

The last drier October-April was 2022 (3.92")

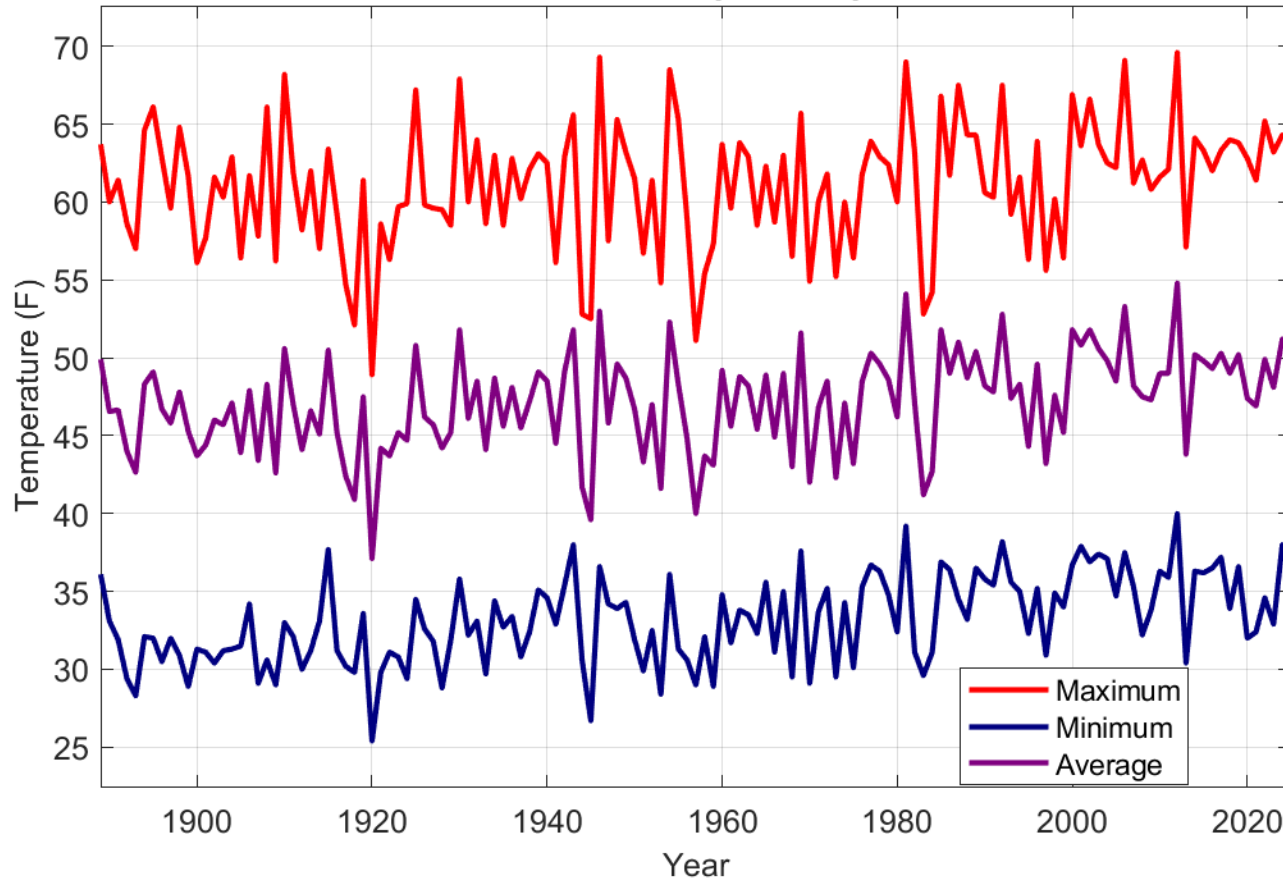
We received 25.2" of snowfall this season to date. This is 51% of our 1991-2020 normal (49.8"). The last snow season through April with less snow was 2011 (23.7")

If we do not receive any snowfall in May then 2025 will be the 14th least snowy season on record since 1889.

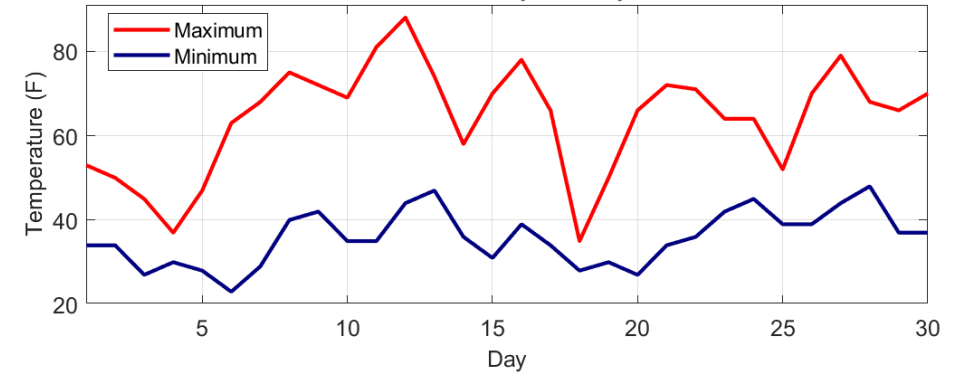


April 2025 Time Series Graphics

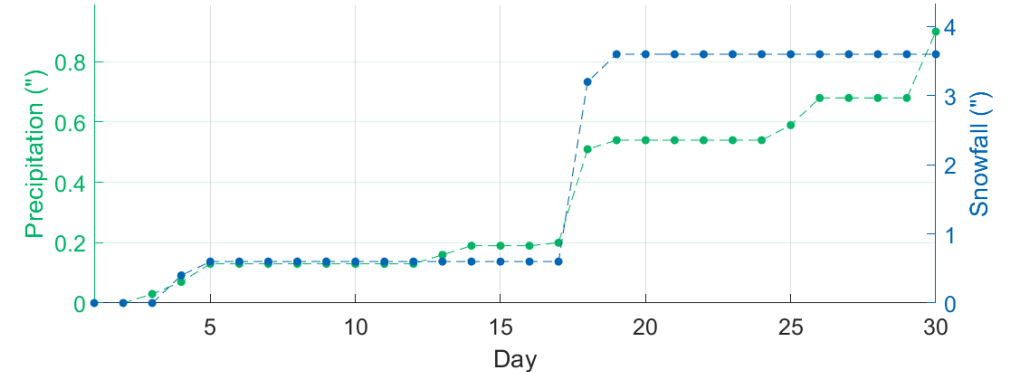
Fort Collins Weather Station April Temperature Timeseries



Fort Collins Weather Station April Temperature Timeseries



Fort Collins Weather Station April Precipitation and Snowfall Timeseries



Highest Daily T_{\max} : 88 °F on April 12th

Lowest Daily T_{\min} : 23 °F on April 6th

Highest Daily Precipitation: 0.31" on April 18th

Highest Daily Snowfall: 2.6" on April 18th



Additional April 2025 Statistics

	Observed	1991-2020 Normal	POR Average	Depart from Normal	Depart from POR Average	Last Above	Last Below
T_{mean} °F	49.9	49	47.1	0.9	2.8	2024	2023
Mean(T_{max}) °F	64	62.5	61.1	1.5	2.9	2024	2023
Mean(T_{min}) °F	35.8	35.4	33.2	0.4	2.6	2024	2023
Precipitation "	0.9	2.10	1.95	-1.20	-1.05	2024	2022
Snowfall "	3.2	6.1	6.5	-2.9	-3.3	2024	2022
Oct-Apr Precipitation "	4.61	6.75	6.23	-2.14	-1.62	2024	2022
Oct-Apr Snowfall "	25.2	49.1	47	-23.9	-21.8	2024	2011

	Value	Date
Max(T_{max}) °F	88	12 th
Min(T_{max}) °F	35	18 th
Max(T_{min}) °F	48	29 th
Min(T_{min}) °F	23	6 th
Max(Daily Precip)"	0.31	18 th
Max(Daily Snowfall)"	2.6	18 th
Peak Wind Gust (mph)	32.5	9 th

Days Precip > 0	18
Days Snowfall > 0	6
Days Precip > Trace	11
Days Snowfall > Trace	4
Days Wind Gust > 20mph	19
Peak Wind Gust Direction	287
Peak Wind Gust Time (MST)	1352 MST

Pan Evaporation (since April 13 th)	3.35"
Normal Pan Evaporation	4.71"
%of Normal	71

POR = period of record (1889-2025)



Records Broken

We set a new record highest maximum daily temperature on April 12th of 88 °F. This breaks the old record of 85 °F set just two years ago (2023)

Photo Credit:
Kristie Davis



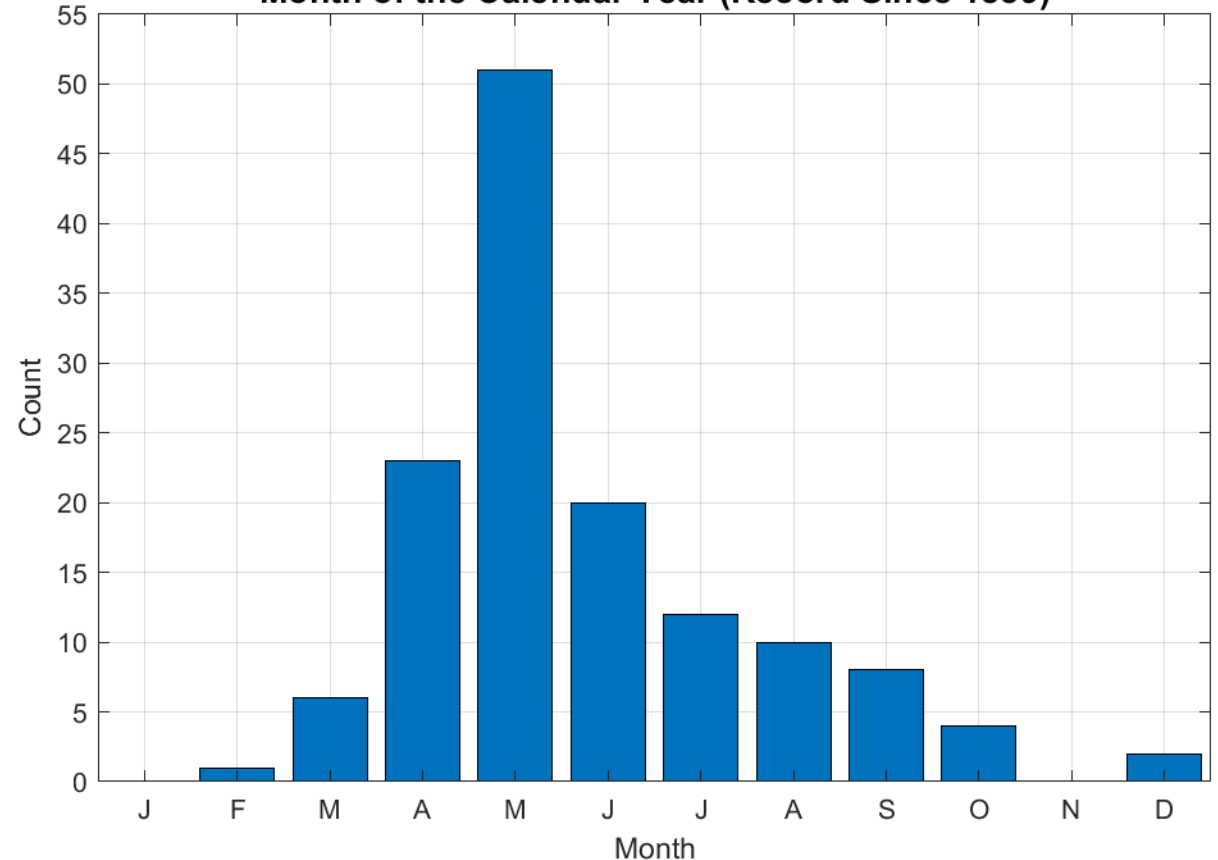
Feature Story: An Unlikely “Winner”

For this feature story we are throwing things back to February 2024. We experienced an unusually wet February last year with 2.03” of precipitation. Over 80% of this precipitation fell during one rain/snow mix event. On average, February is our second driest month, averaging only 0.47” of precipitation. 2024 is the only year in our station’s history where February was the wettest month of the calendar year.

Why bring this up now? One third of the way through calendar year 2025 we have yet to experience a month wetter than February 2024. This is despite the fact that average precipitation for both April (2.10”) and May (2.72”) is higher than last February’s total (2.03”).

The forecast for next week shows the possibility for well above normal precipitation. The current 7-day precipitation forecast from the Weather Prediction Center shows 1.50-2.00” with potential for higher totals. May is by far our most common wettest month of the calendar year (38% probability). I am calling my shot here. May 2025 will be the month where February 2024 loses its unlikely stint as “king of the hill.” Let’s see how it plays out

Number of Times Each Month was the Wettest Month of the Calendar Year (Record Since 1889)



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