

# Fort Collins Weather Station Monthly Summary

April 2024



Photo Credit:  
Renate  
Brummer

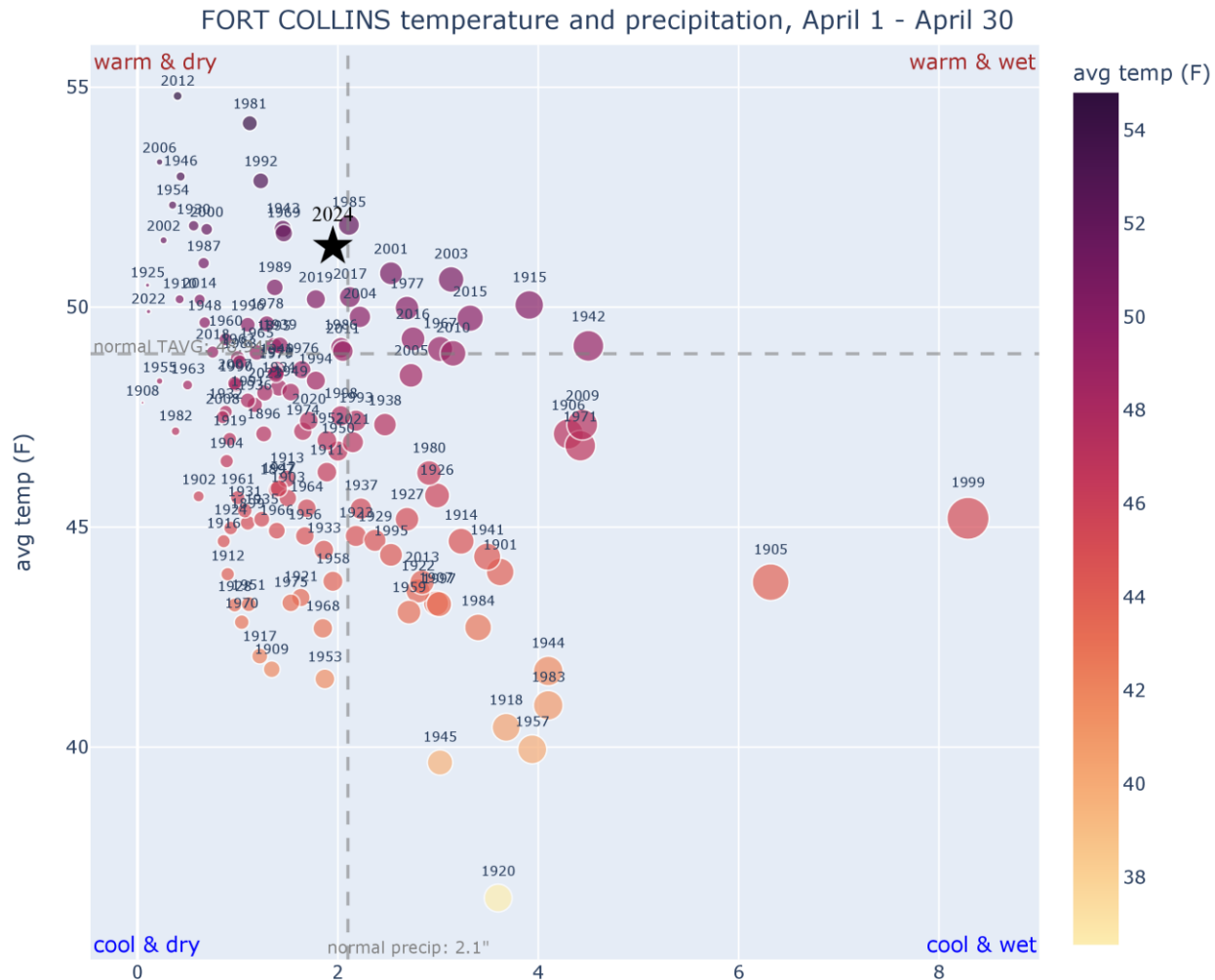


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COLORADO STATE UNIVERSITY

# Average April Temperature and Precipitation



Russ Schumacher/Colorado Climate Center/CSU  
Data source: ACIS

The average air temperature for April 2024 was 51.4 °F,  
2.4 °F above our 1991-2020 April normal (49.0 °F)

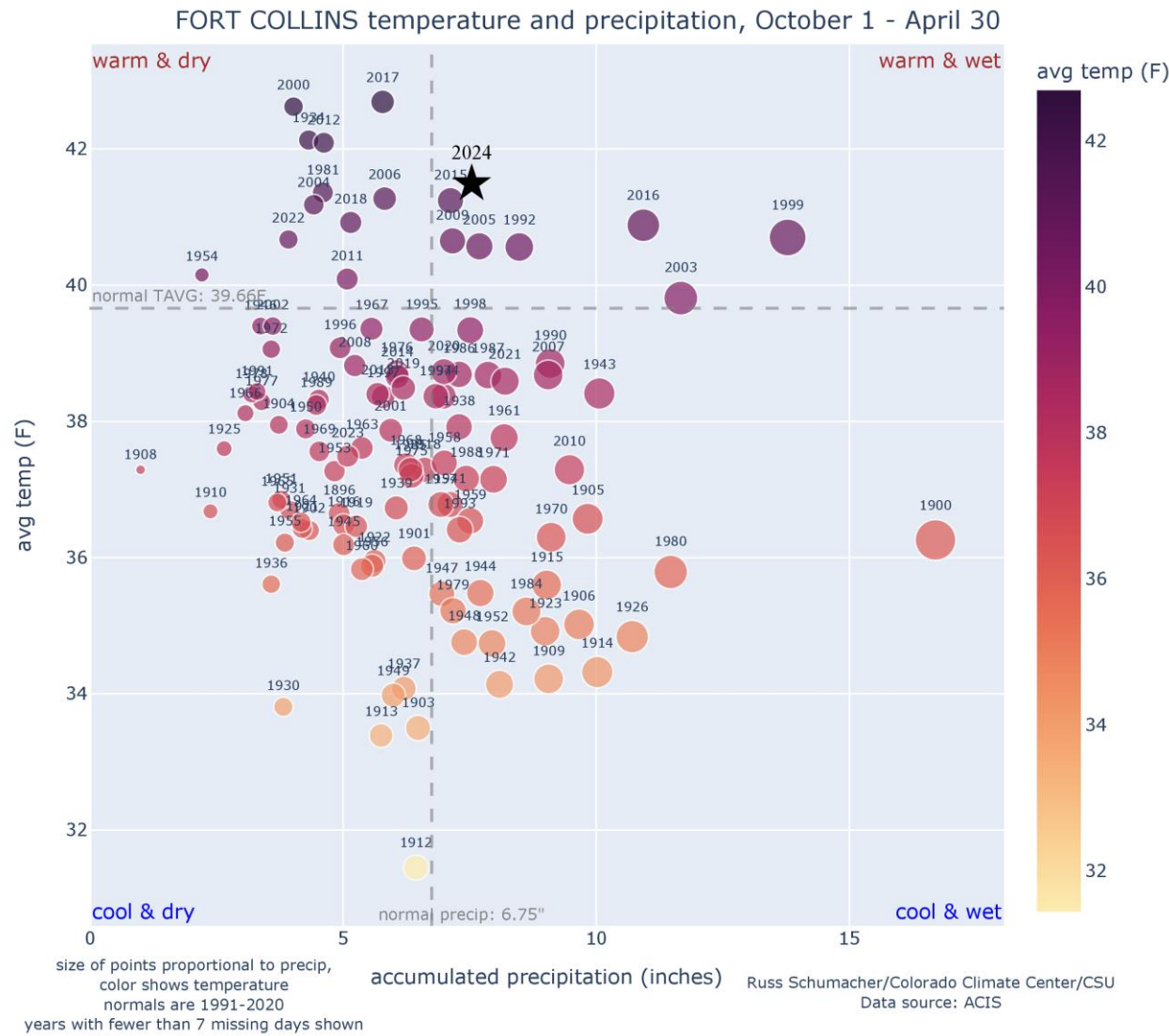
The last warmer April was 2012 (54.8 °F)

We received 1.95" of precipitation in April 2024, 92.9% of  
our 1991-2020 April normal (2.10")

The last drier April was 2023 (1.27")



# Average Water Year Temperature and Precipitation



The average air temperature for our 2024 Water Year to date (since October 1<sup>st</sup>) is 41.5 °F. This is 1.6 °F above our 1991-2020 normal of 39.6 °F.

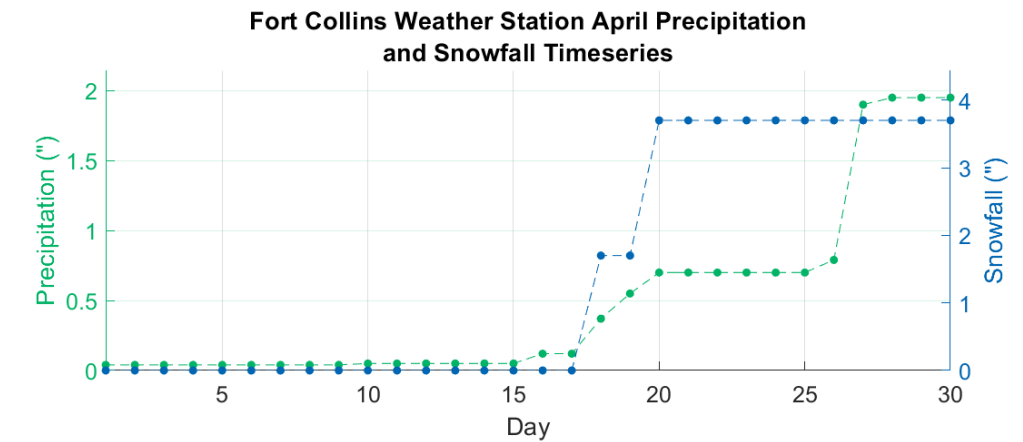
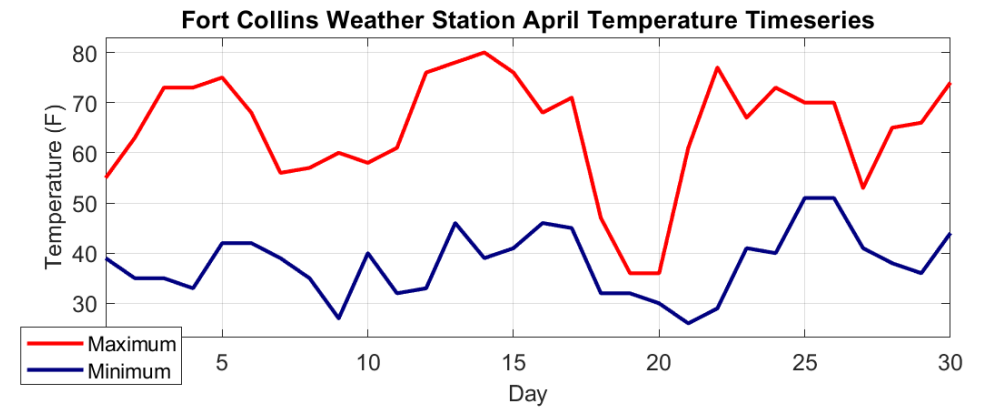
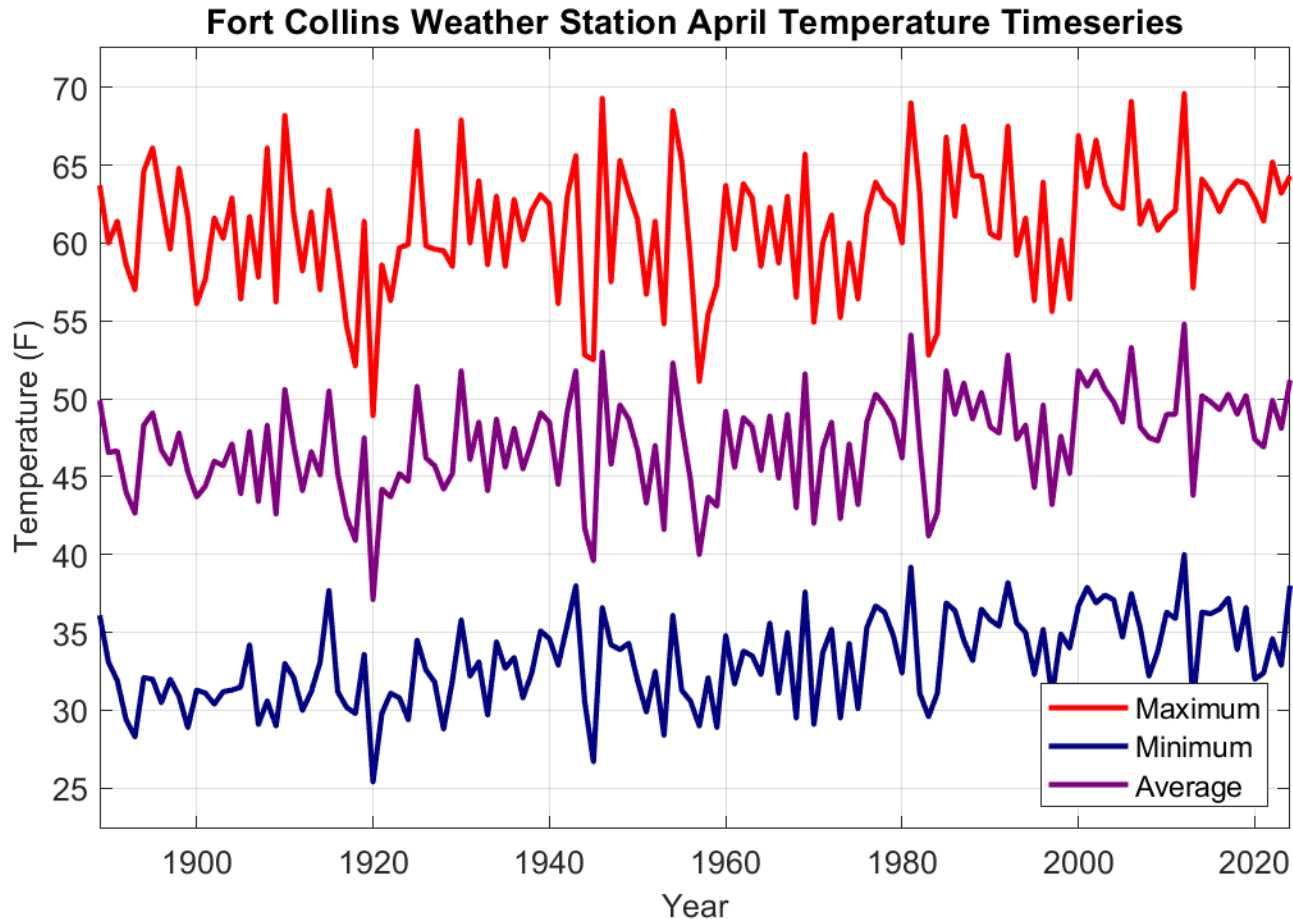
The last warmer October-April was 2017 (42.7 °F).

We have received 7.54" of precipitation this Water Year to date, 111.7% of our 1991-2020 normal (6.75")

The last Water Year to start at least this wet was 2021 (8.20"). May is the wettest month on average for Fort Collins, so these stats could shift strongly one way or the other in the coming weeks.



# April 2024 Time Series Graphics



Highest Daily  $T_{max}$ : 80 °F on April 14<sup>th</sup>

Lowest Daily  $T_{min}$ : 26 °F on April 21<sup>st</sup>

Highest Daily Precipitation: 1.11" on April 27<sup>th</sup>

Highest Daily Snowfall: 2.0" on April 20<sup>th</sup>



# Records Broken

We set a record for highest minimum daily temperature on April 25<sup>th</sup>, 2024. The new record is 51 °F. This breaks the old record of 48 °F, which was a three-way tie between 1940, 1998, and 2012. This was a soft record to break, especially in a warming climate.

We eked out a new precipitation record on April 27<sup>th</sup> with a mark of 1.11". This just barely takes down a 124-year-old record of 1.10" from 1900.



Photo Credit: Kristie Davis



# Additional April 2024 Statistics

	Observed	1991-2020 Normal	POR Average	Depart from Normal	Depart from POR Average	Last Above	Last Below
Tmean °F	51.4	49	47.1	2.4	4.3	2012	2023
Mean( $T_{max}$ ) °F	64.8	62.5	61.1	2.3	3.7	2022	2023
Mean( $T_{min}$ ) °F	38	35.4	33.1	2.6	4.9	2012	2023
Precipitation “	1.95	2.10	1.96	-0.15	-0.01	2021	2023
Snowfall “	3.9	6.1	6.6	-2.2	-2.7	2023	2022
Water Year Precip “	7.54	6.72	6.24	0.82	1.3	2021	2023
Seasonal Snowfall “	37	49.1	47	-12.1	-10	2023	2018
POR = period of record (since 1894)							

	Value	Date
Max( $T_{max}$ ) °F	80	14 <sup>th</sup>
Min( $T_{max}$ ) °F	36	19 <sup>th</sup> , 20 <sup>th</sup>
Max( $T_{min}$ ) °F	51	25 <sup>th</sup> , 26 <sup>th</sup>
Min( $T_{min}$ ) °F	26	21 <sup>st</sup>
Max(Daily Precip)“	1.11	27 <sup>th</sup>
Max(Daily Snowfall)“	2.0	20 <sup>th</sup>
Peak Wind Gust (mph)	44.3	7 <sup>th</sup>

Days Precip > 0	17
Days Snowfall > 0	4
Days Precip > Trace	9
Days Snowfall > Trace	2
Days Wind Gust > 20mph	15
Peak Wind Gust Direction	274
Peak Wind Gust Time (MST)	20:15
Pan Evaporation“ (Starting 4/11)	2.43





# CONTACT US!

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