

Fort Collins Weather Station Monthly Summary

February 2025

Photo Credit:
Noah Newman



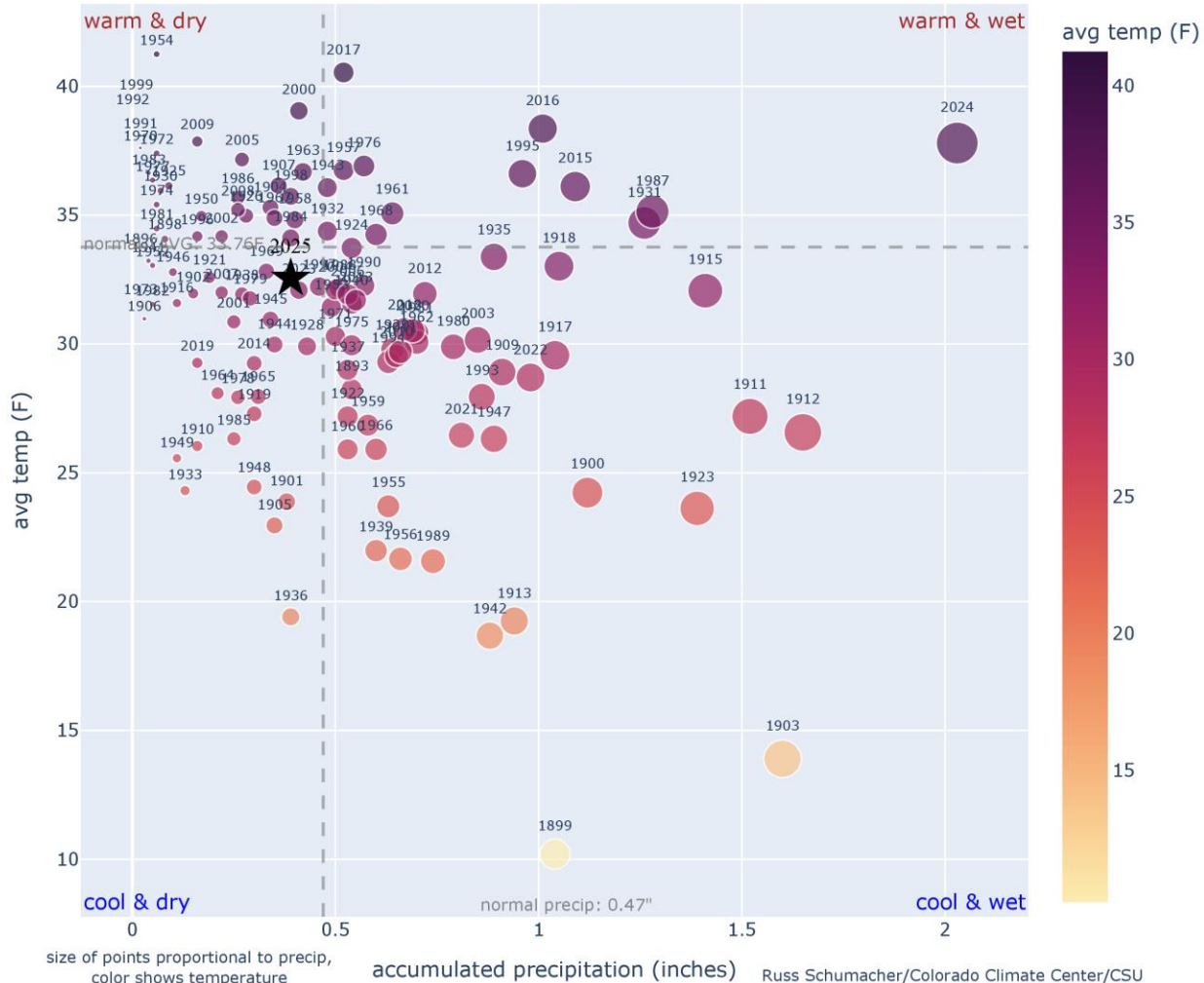
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Average February Temperature and Precipitation

FORT COLLINS temperature and precipitation, February 1 - February 28



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

The average air temperature for February 2025 was 32.6 °F, 1.2 °F below our 1991-2020 February normal (33.8 °F)

The last colder February was 2023 (32.1 °F)

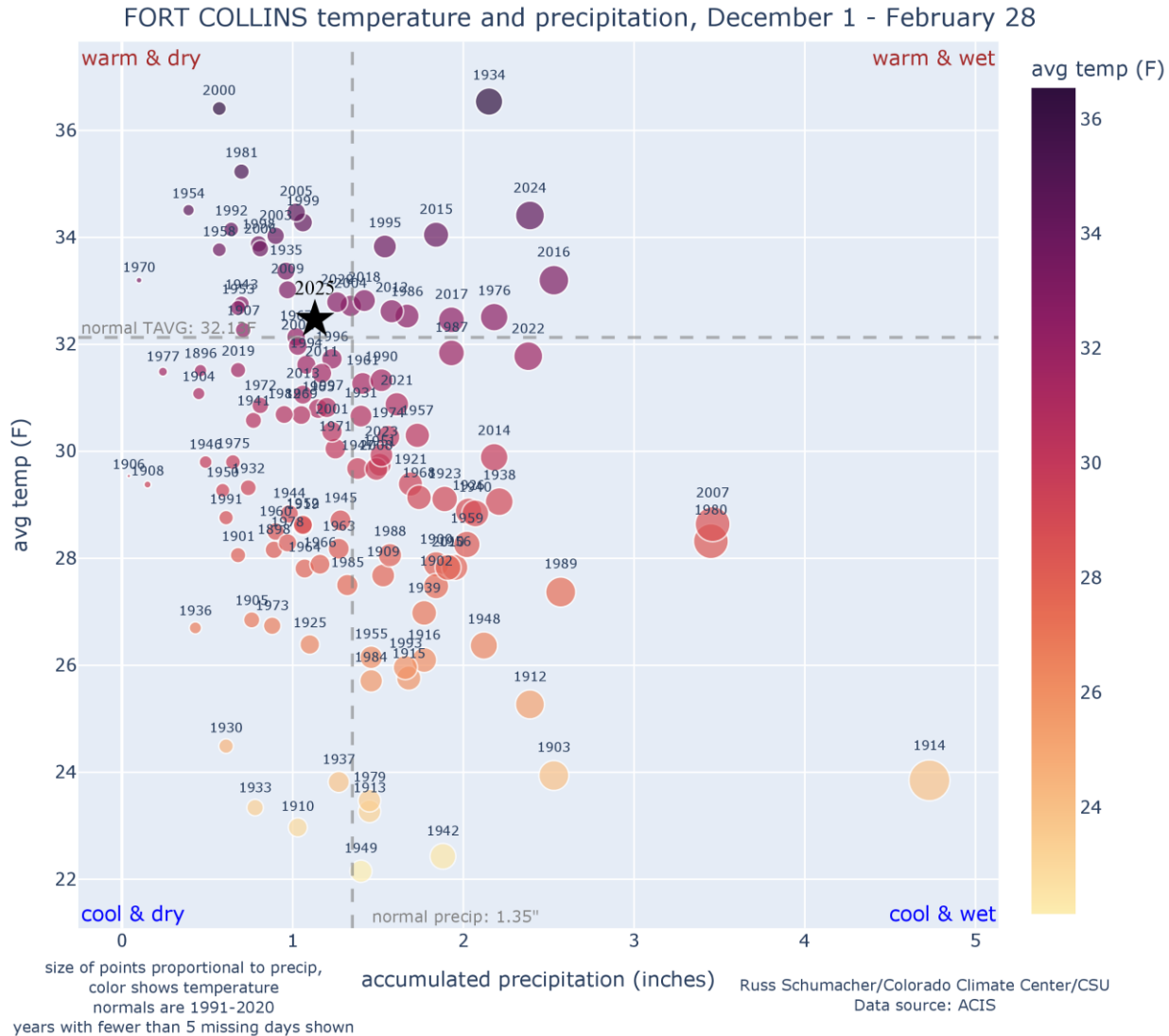
We received 0.39" of precipitation in February 2025, 83% of our 1991-2020 February normal (0.47"). The last drier February was 2019 (0.16").

We received 7.0" of snowfall in February 2025, 92% of our 1991-2020 February normal (7.6")

The last February with less snow was 2024 with 6.0" of snowfall



Winter 2025 Temperature and Precipitation



The average air temperature for meteorological winter 2025 was 32.5 °F. This is 0.4 °F warmer than the 1991-2020 normal (32.1 °F)

The last warmer winter was 2024 (34.5 °F)

We received 1.13" of precipitation this winter. This is 84% of our 1991-2020 normal winter (1.35")

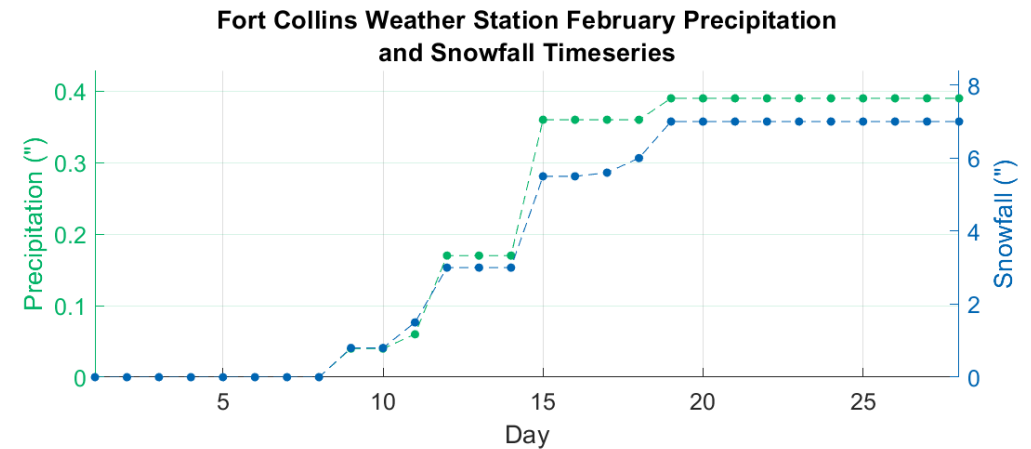
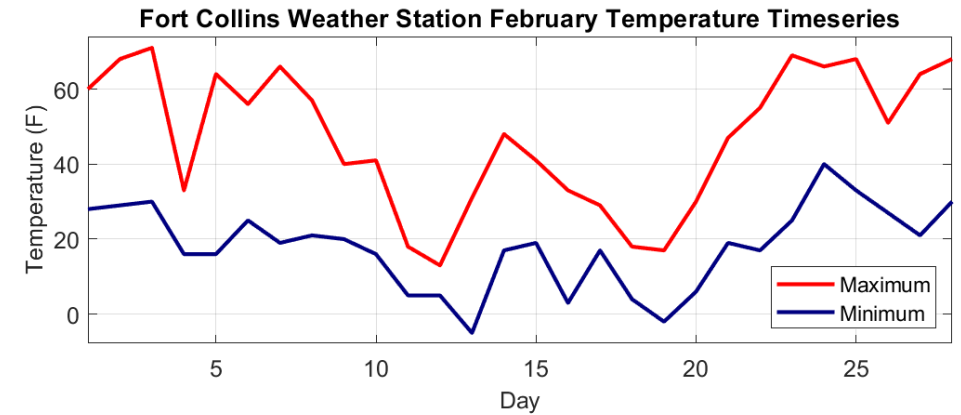
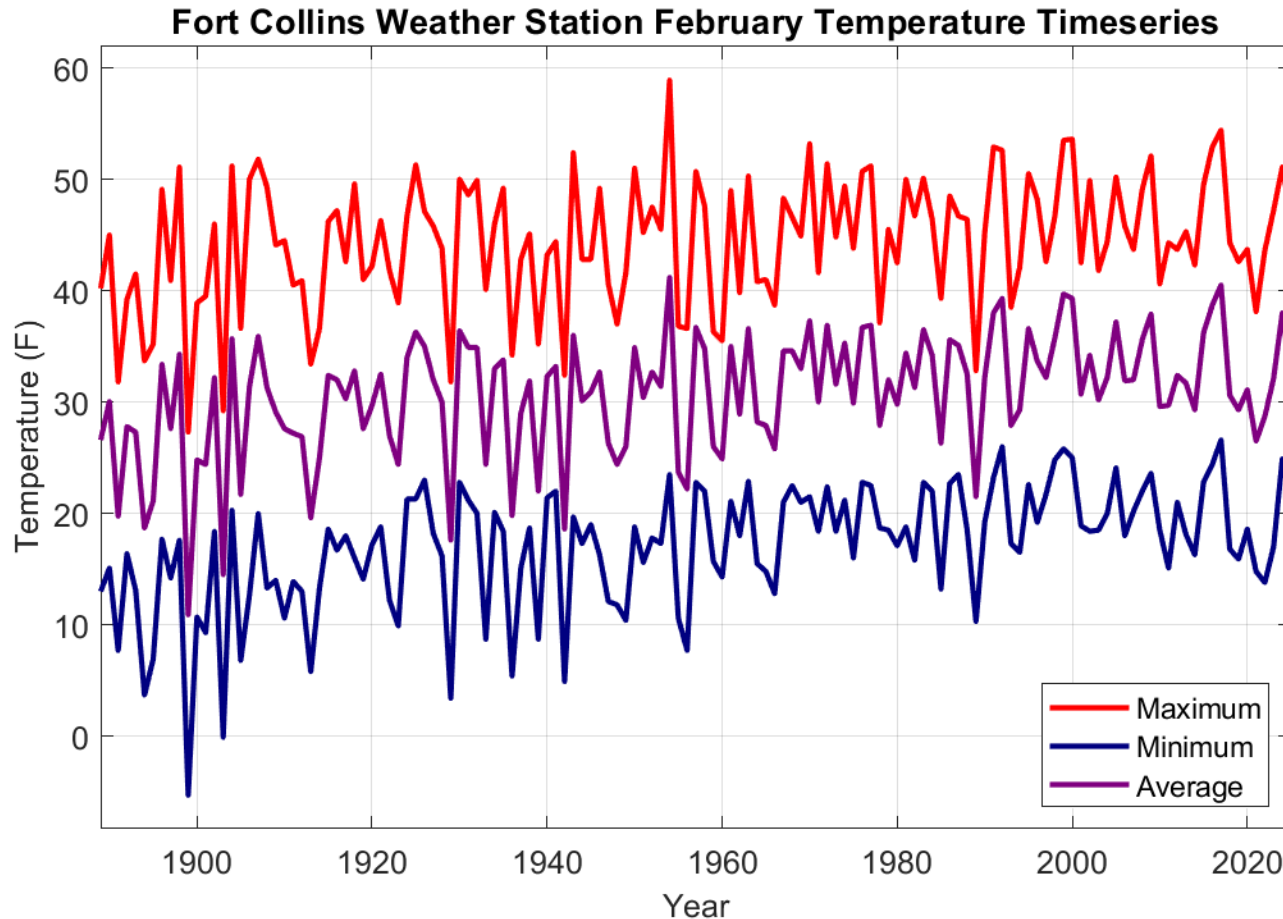
The last drier winter was 2019 (0.68")

We received 20.2" of snowfall this winter. This is 93% of our 1991-2020 normal (21.8"). Over 50% of our annual average snowfall occurs outside of meteorological winter (December-February). March is our snowiest average month

The last winter with less snow than 2025 was 2024 (8.9")



February 2025 Time Series Graphics



Highest Daily T_{max} : 71 °F on February 3rd

Lowest Daily T_{min} : -5 °F on February 13th

Highest Daily Precipitation: 0.19" on February 15th

Highest Daily Snowfall: 2.5" on February 15th



Additional February 2025 Statistics

	Observed	1991-2020 Normal	POR Average	Depart from Normal	Depart from POR Average	Last Above	Last Below
Tmean °F	32.6	33.8	30.7	-1.2	1.9	2024	2023
Mean(Tmax) °F	47.2	46.8	44.4	0.4	2.8	2024	2022
Mean(Tmin) °F	17.9	20.7	17	-2.8	0.9	2024	2023
Precipitation "	0.39	0.47	0.52	-0.08	-0.13	2024	2019
Snowfall "	7	7.4	7.3	-0.4	-0.3	2022	2024
Oct-Feb Precipitation "	2.52	3.31	3.09	-0.79	-0.57	2024	2019
Oct-Feb Snowfall "	21.9	33.6	30	-11.7	-8.1	2024	2019

	Value	Date
Max(T _{max}) °F	71	3 rd
Min(T _{max}) °F	13	12 th
Max(T _{min}) °F	40	24 th
Min(T _{min}) °F	-5	13 th
Max(Daily Precip)"	0.19	15 th
Max(Daily Snowfall)"	2.5	15 th
Peak Wind Gust (mph)	38.1	25 th

Days Precip > 0	10
Days Snowfall > 0	10
Days Precip > Trace	5
Days Snowfall > Trace	7
Days Wind Gust > 20mph	9
Peak Wind Gust Direction	298
Peak Wind Gust Time (MST)	1153 MST

POR = period of record (1889-2025)



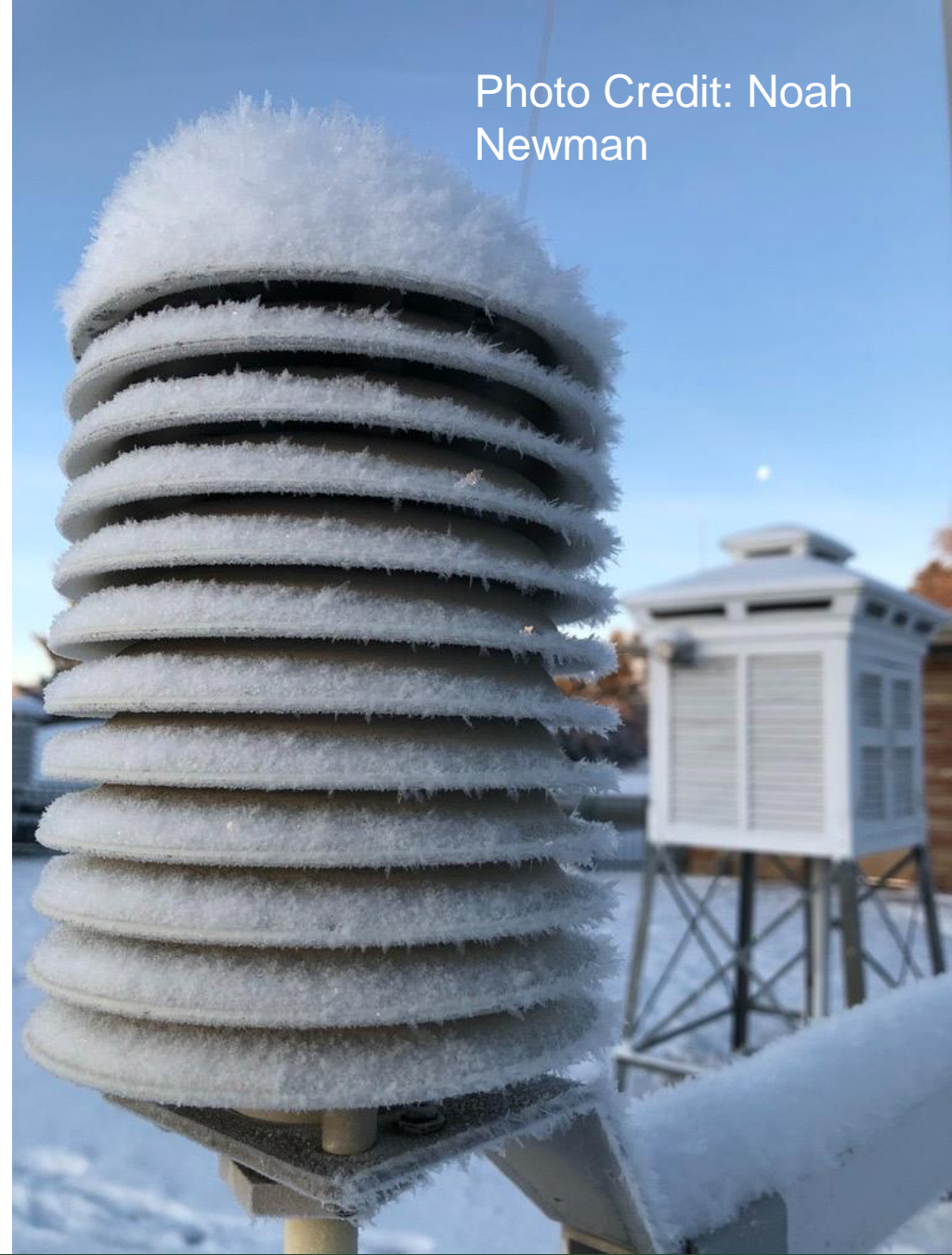
Records Broken

Despite having a cooler than average month, and the frosty conditions depicted here, we did not set any record low temperatures this month

We set a new record for highest maximum daily temperature on February 3rd, 2025 of 71 °F. This breaks the record from 1954 of 70 °F

We set a new record for highest minimum daily temperature on February 24th, 2025 of 40 °F. This breaks the old and very beatable mark from 1970 of 35 °F

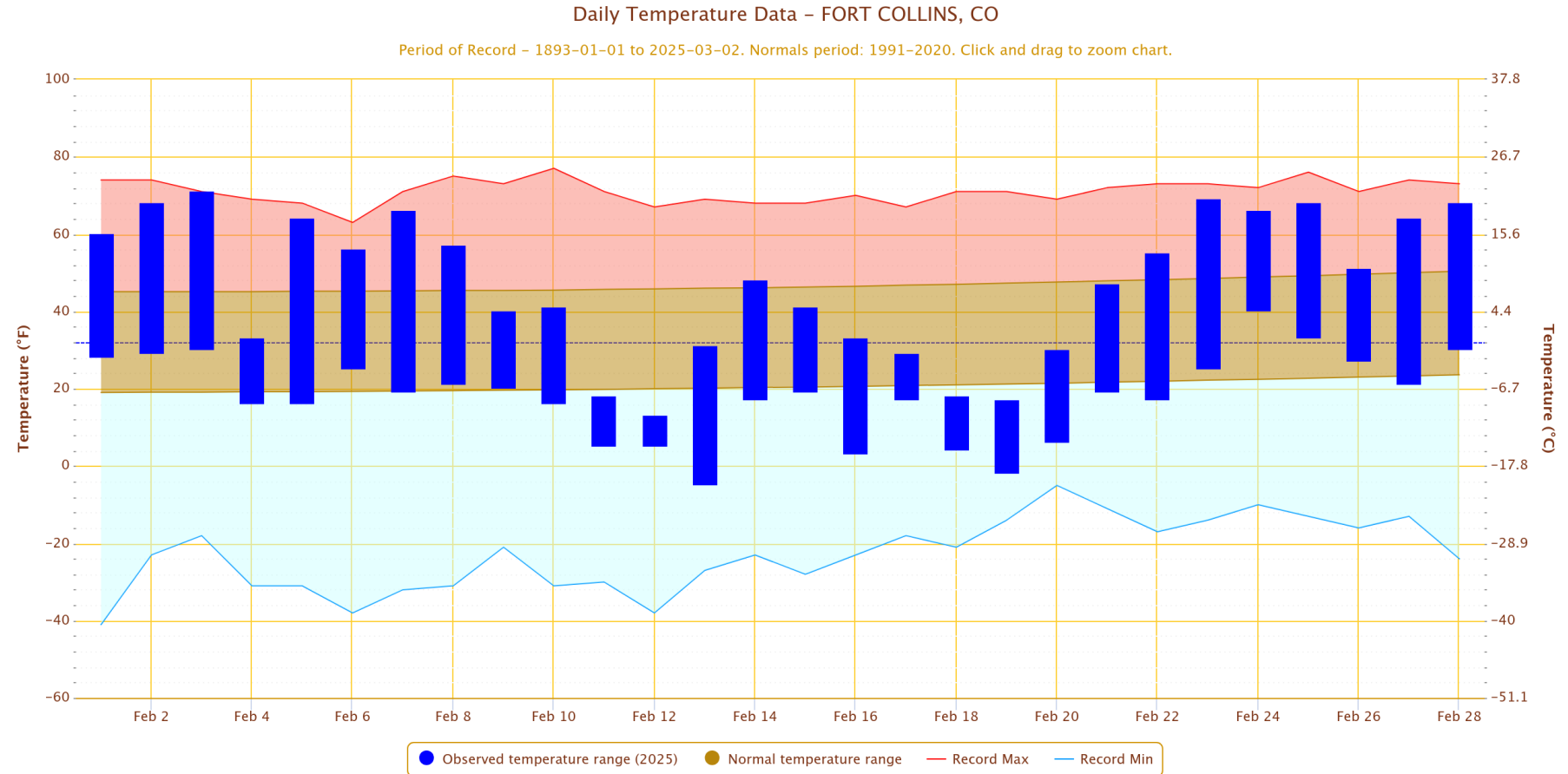
Photo Credit: Noah Newman



Feature Story: Variability Around the Mean

The weather is oft maligned for being capricious in nature, but perhaps this month there was more credibility to such a claim. We experienced two cold snaps in the middle of the month bookended by warm spells at the beginning and end of the month

The average daily absolute departure from normal temperature this month was 11.5 °F. This is the highest average daily absolute departure from normal temperature since February, 2017, and the 3rd highest for any month since 1991 (note: February is at a slight advantage in this calculation since it is a shorter month).



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Graphic from scacis.org



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