

Fort Collins Weather Station Monthly Summary

November 2024

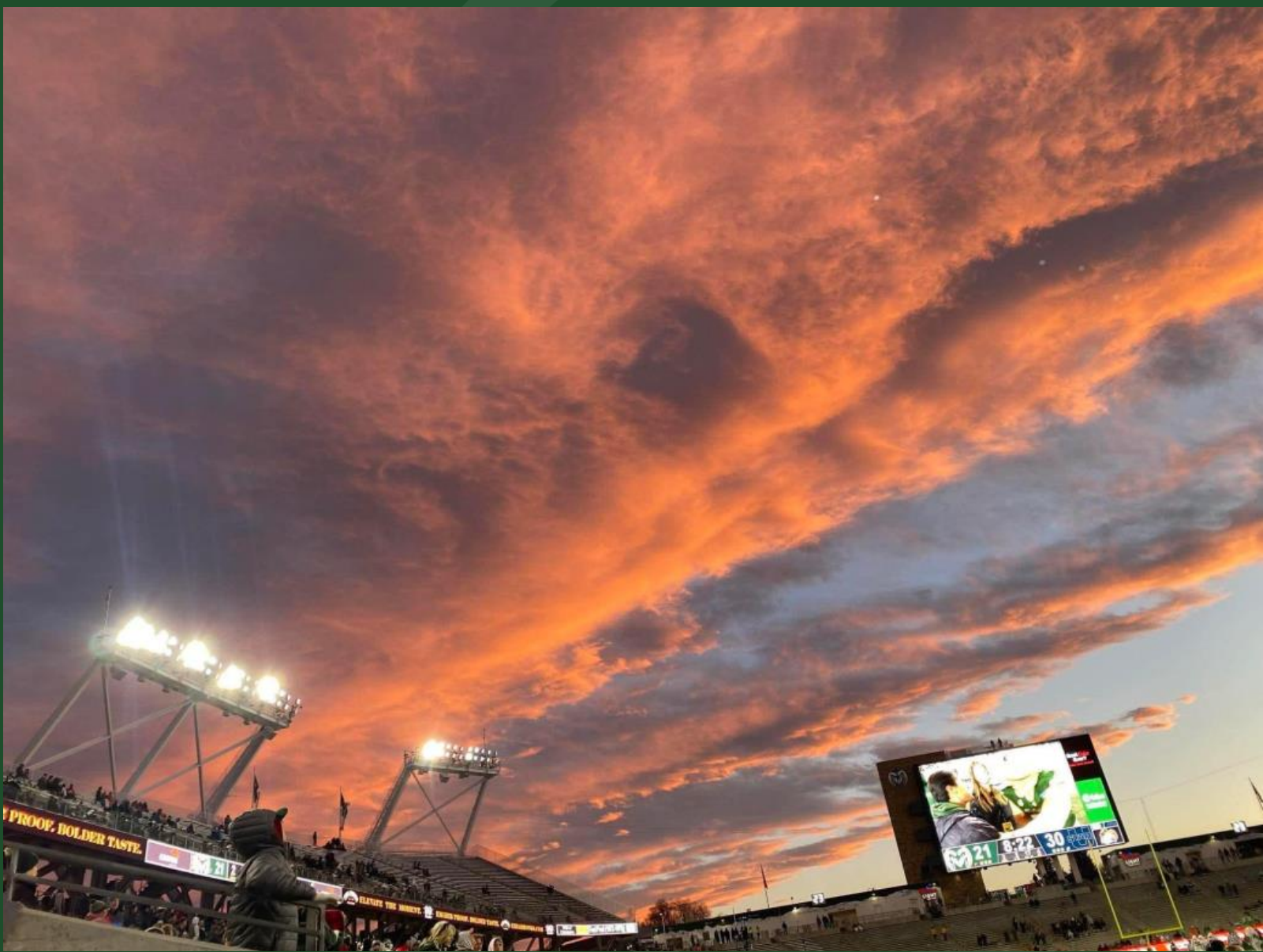


Photo Credit: Charissa Michelena



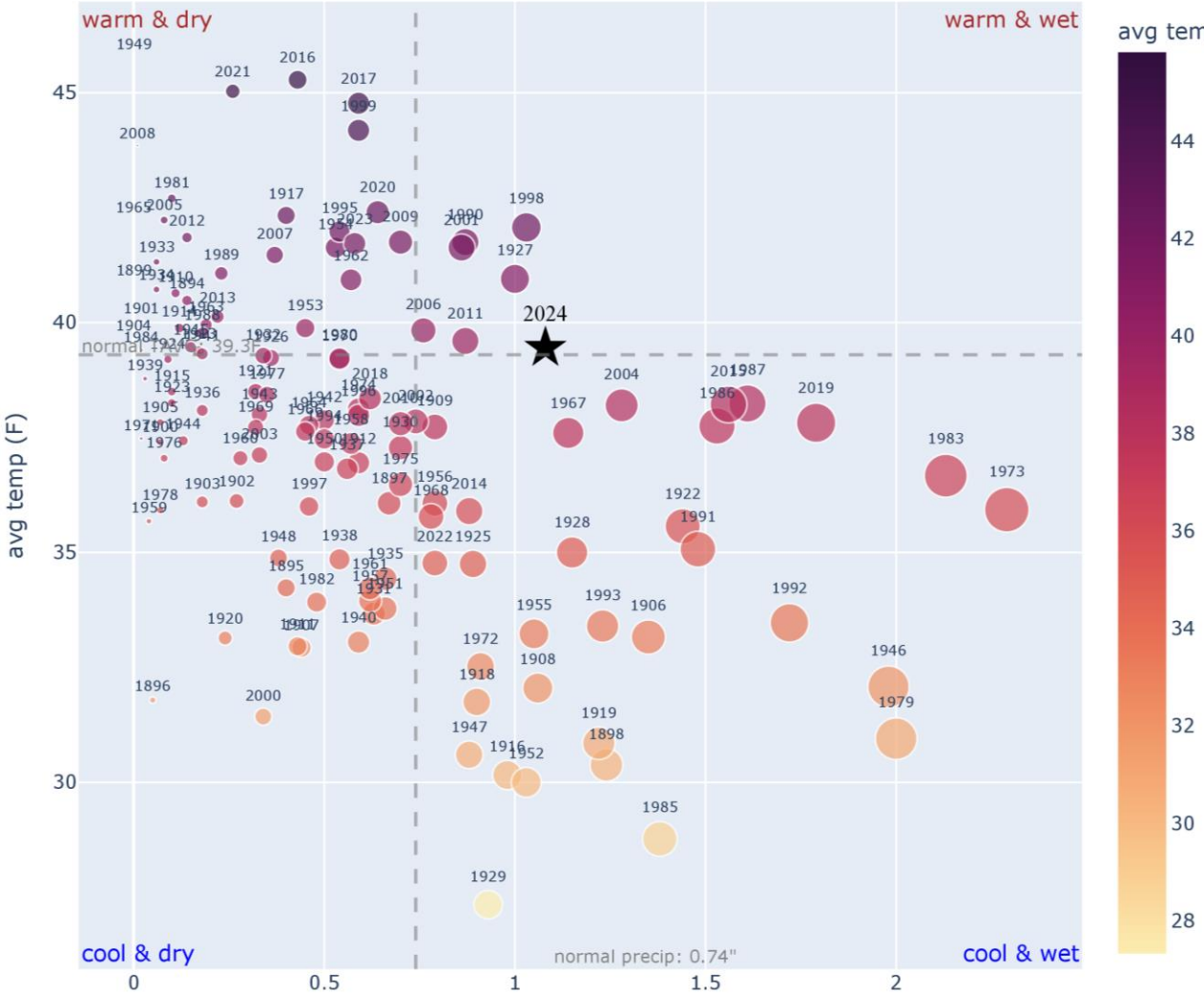
COLORADO
CLIMATE
CENTER



ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY

Average November Temperature and Precipitation

FORT COLLINS temperature and precipitation, November 1 - November 30



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

The average air temperature for November 2024 was 39.5 °F, only 0.2 °F above our 1991-2020 November normal (39.3 °F)

The last warmer November was last year, 2023 (41.7 °F).

We received 1.08” of precipitation in November 2024, 145.9% of our 1991-2020 November normal (0.74”)

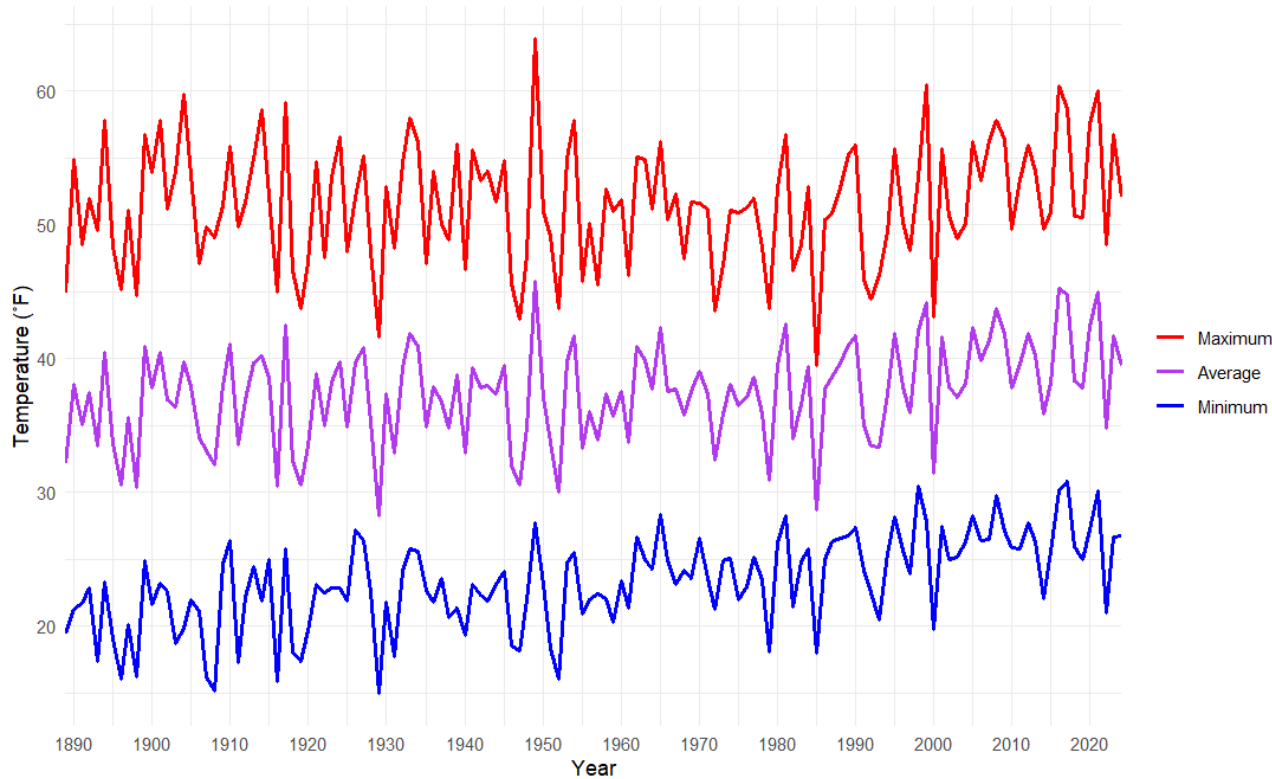
The last wetter November was 2019 (1.79”)

We received 1.6” of snowfall in November 2024, 21.1% of our 1991-2020 November normal (7.6”) The last November we received less snowfall was 2021 (0.7”).



November 2024 Time Series Graphics

Fort Collins Weather Station November Temperature Timeseries



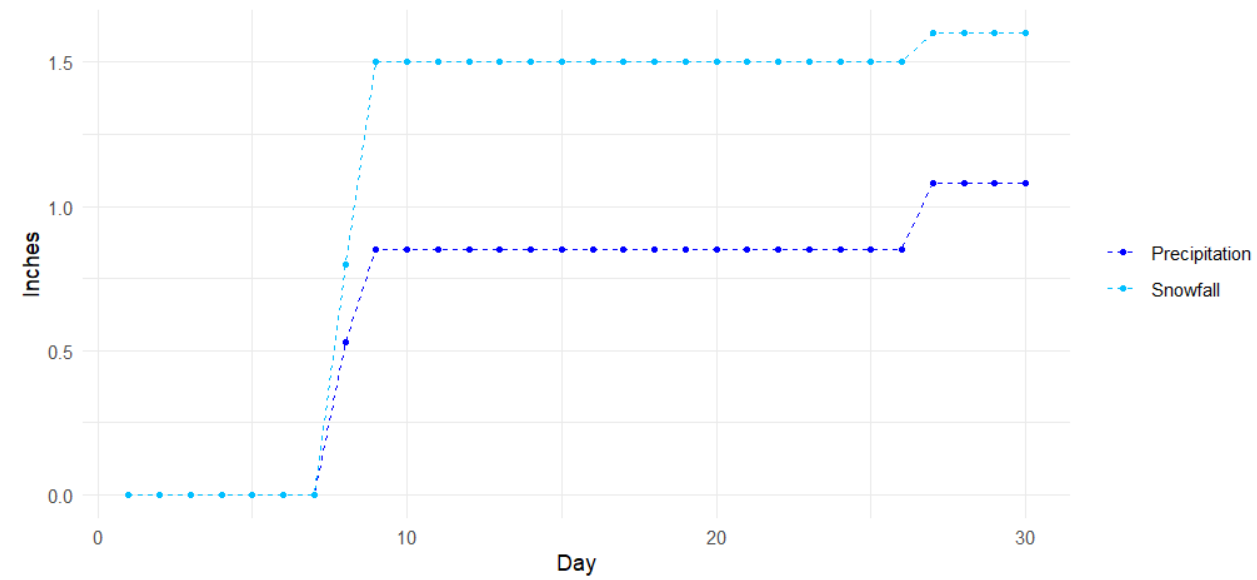
Highest Daily T_{max} : 68 °F on November 10th

Lowest Daily T_{min} : 15 °F on November 29th

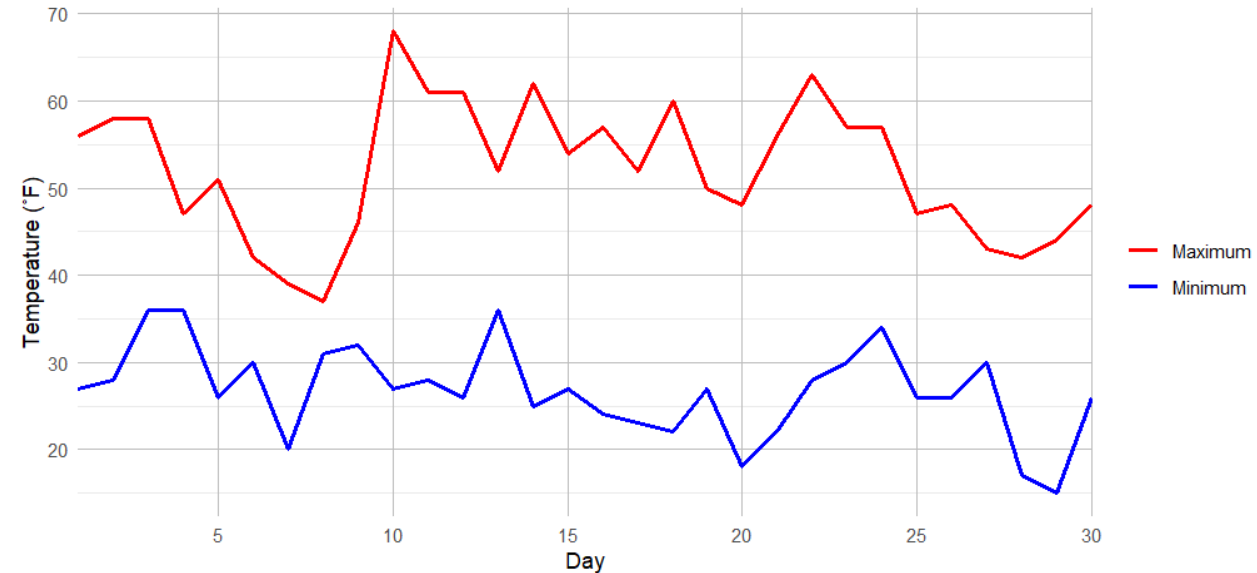
Highest Daily Precipitation: 0.53" on November 8th

Highest Daily Snowfall: 0.8" on November 8th

Fort Collins Weather Station November Precipitation and Snowfall Timeseries



Fort Collins Weather Station November Temperature Timeseries



Additional November 2024 Statistics

	Observed	1991-2020 Normal	POR Average	Depart from Normal	Depart from POR Average	Last Above	Last Below
T_{mean} °F	39.5	39.3	37.4	0.2	2.1	2023	2022
Mean(T_{max}) °F	52.1	52.5	51.6	-0.4	0.5	2023	2022
Mean(T_{min}) °F	26.8	26.1	23.3	0.7	3.5	2021	2023
Precipitation “	1.08	0.74	0.60	0.34	0.48	2019	2023
Water Year Precip “	1.39	1.99	1.71	-0.60	-0.32	2020	2023
Snowfall “	1.6	7.6	6.5	-6.0	-4.9	2023	2021
Seasonal Snowfall “	1.7	11.7	9.4	-10.0	-7.7	2023	2021

	Value	Date
Max(T_{max}) °F	68	10 th
Min(T_{max}) °F	37	8 th
Max(T_{min}) °F	36	3 rd , 4 th , 13 th
Min(T_{min}) °F	15	29 th
Max(Daily Precip)”	0.53	8 th
Max(Daily Snowfall)“	0.8	8 th
Peak Wind Gust (mph)	32	18 th

Days Precip > 0	8
Days Snowfall > 0	5
Days Precip > Trace	3
Days Snowfall > Trace	3
Days Wind Gust > 20mph	9
Peak Wind Gust Direction	320
Peak Wind Gust Time (MST)	16:55



Records Broken

We did not break or tie any daily records for temperature, precipitation, or snowfall this November.

Feeling a bit left out, Fort Collins experienced exceptionally normal conditions, especially when compared to the more extreme weather seen in parts of east-central and southeastern Colorado, which I cover in more detail next.



Feature Story: NoCo = No Snow-Zone

On November 5th - 9th, a complex storm system slowly made its way across the state. Rounds of heavy snowfall came, first impacting the Southern Front Range and Palmer Divide. Then hitting the Palmer Divide area and surrounding plains even harder, leaving I-70 and other highways in east central and southeast Colorado closed for extended periods. Lastly, the final wave dropped over a foot of wet snow in parts of the southeast metro and central plains, leaving thousands without power on the morning of the 9th.

Storm total snowfall reached up to 40"! Local impacts were widespread and notably over 150 pronghorns were killed after being struck by vehicles while seeking shelter on roadways. The hardest-hit areas were the Palmer Divide and southern Foothills, where totals ranked second in recorded history, following the early November 1946 snowstorm.

Meanwhile, the north was largely spared and the total at the station came to a measly 1.5" of slushy snow, missing out on the heavy storms further south. While others shoveled (a lot), we stayed dry.



Cow care in the snow near LaJunta, CO.

Photo Credit: Lane Simmons



CONTACT US!

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