

Fort Collins Weather Station Monthly Summary

September 2025



**Photo Credit:
Henry Reges**



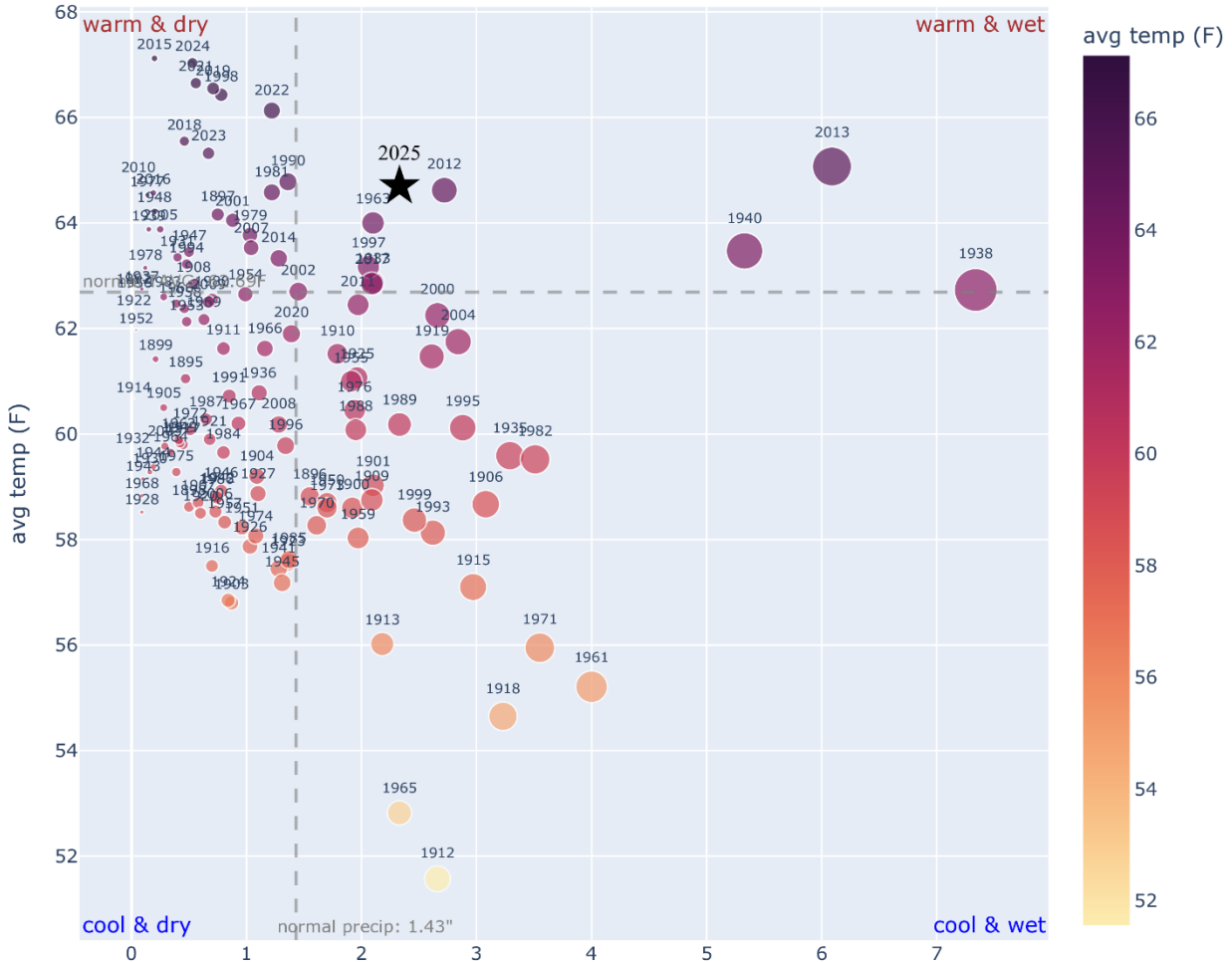
COLORADO
CLIMATE
CENTER



ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY

Average September Temperature and Precipitation

FORT COLLINS temperature and precipitation, September 1 - September 30



The average air temperature for September 2025 was 64.7 °F, 2.0 °F above our 1991-2020 September normal (62.7 °F)

The last warmer September was 2024 (67.0 °F)

We received 2.33" of precipitation in September 2025, 163% of our 1991-2020 September normal (1.43"). The last wetter September was 2013 (6.09")

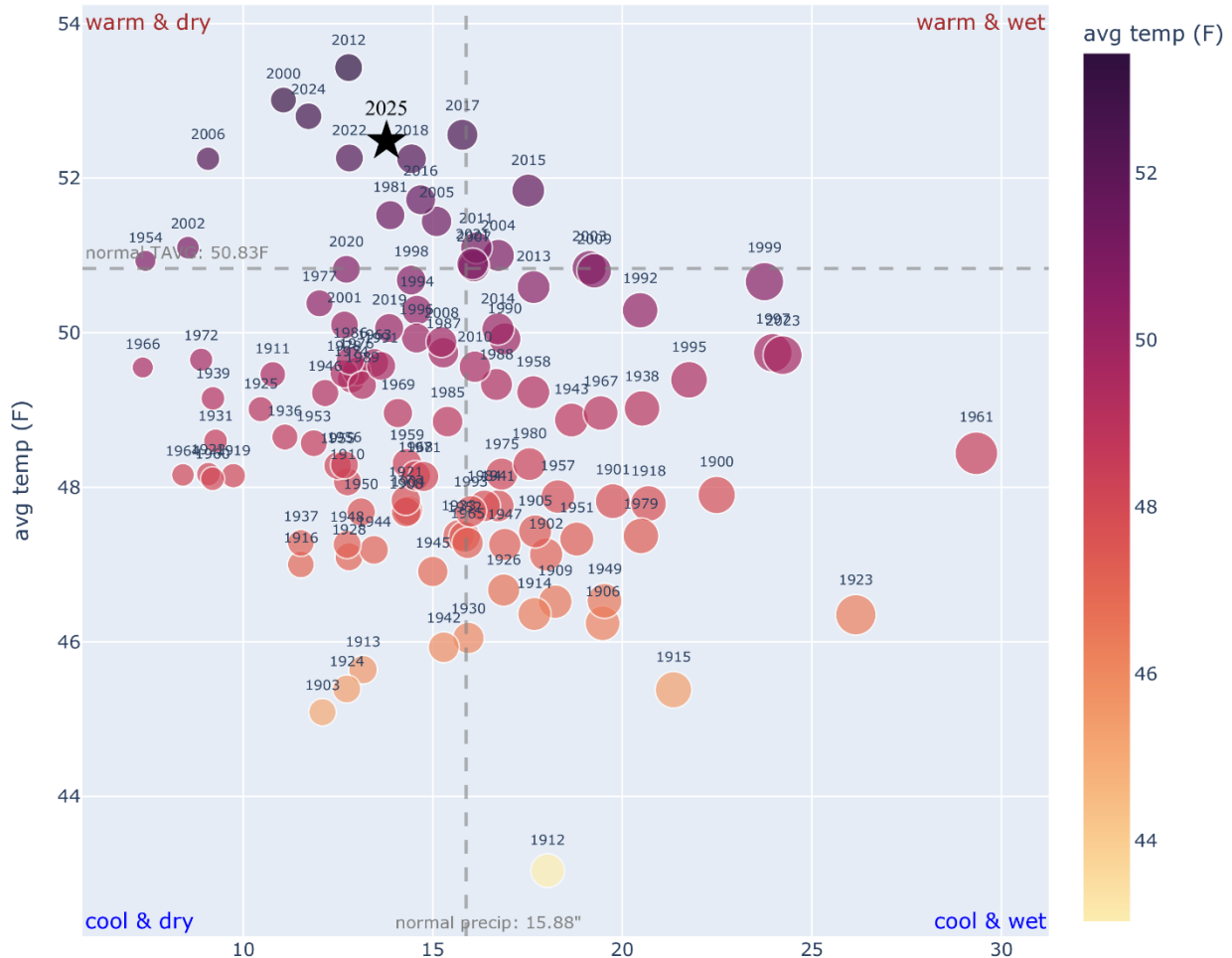
We received no snowfall in September 2025. Our 1991-2020 average September snowfall is 0.7". The last September with snowfall was 2020 (2.7")

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



Final Water Year 2025 Temperature and Precipitation

FORT COLLINS temperature and precipitation, October 1 - September 30



size of points proportional to precip,
 color shows temperature
 normals are 1991-2020
 years with fewer than 10 missing days shown

accumulated precipitation (inches) Russ Schumacher/Colorado Climate Center/CSU
 Data source: ACIS

The average air temperature for Water Year (October-September) 2025 was 52.4 °F. This is 1.7 °F warmer than the 1991-2020 normal (50.7 °F)

The last warmer Water Year was 2024 (52.8 °F)

We received 13.78” of precipitation this water year. This is 87% of our 1991-2020 normal (15.88”)

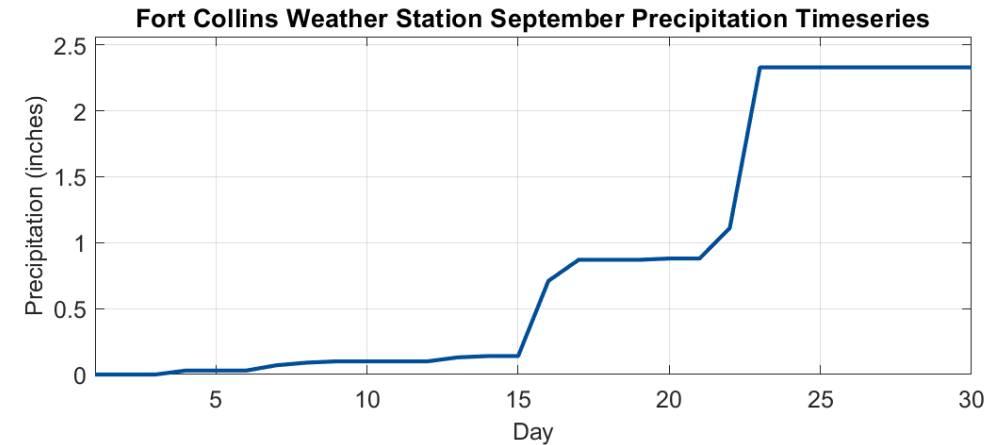
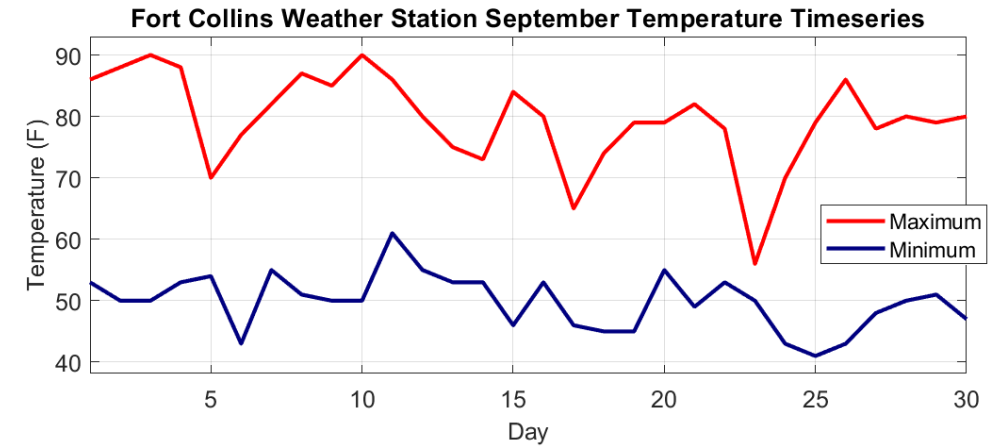
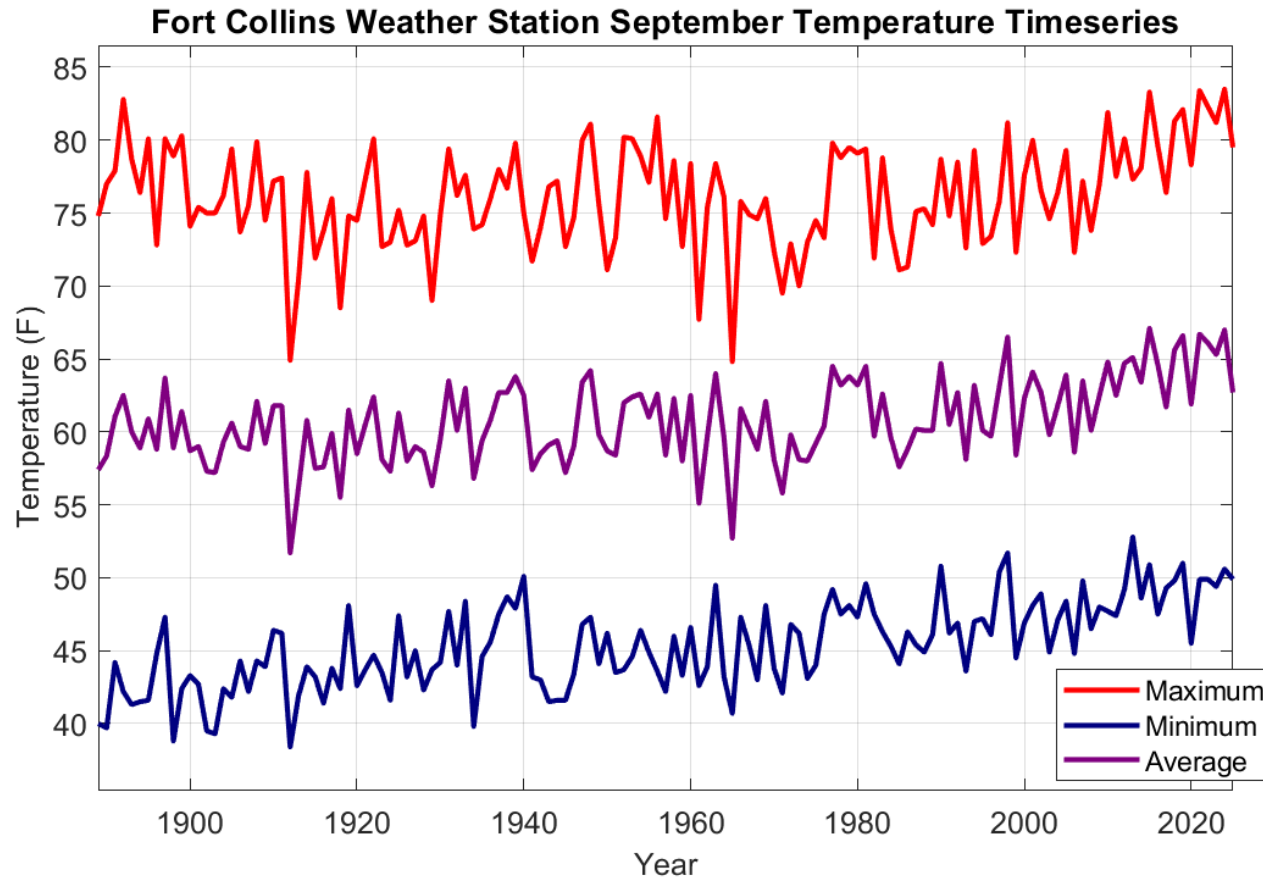
The last drier Water Year was 2024 (11.72”)

Since September is the end of the Water Year, these numbers are final

We have received zero snowfall for the snow season to date. The average snowfall by the end of September is 0.7”. The last snow season with measurable snow before October 1st was 2020 (2.7”)



September 2025 Time Series Graphics



Highest Daily T_{\max} : 90 °F on September 3rd, 10th

Lowest Daily T_{\min} : 41 °F on September 25th

Highest Daily Precipitation: 1.22" on September 23rd



Additional September 2025 Statistics

	Observed	1991-2020 Normal	POR Average	Depart from Normal	Depart from POR Average	Last Above	Last Below
T_{mean} °F	64.7	62.7	60.7	2	4	2024	2020
Mean(T_{max}) °F	79.5	77.4	76.2	2.1	3.3	2024	2020
Mean(T_{min}) °F	49.9	47.9	45.4	2	4.5	2024	2023
Precipitation "	2.33	1.43	1.3	0.9	1.03	2013	2024
Water Year Precipitation "	13.78	15.88	15.12	-2.1	-1.35	2023	2024
Snowfall "	0	0.7	0.5	-0.7	-0.5	2020	N/A

	Value	Date				
Max(T_{max}) °F	90	3 rd , 10 th	Days Precip > 0	16	Pan Evaporation	4.81"
Min(T_{max}) °F	56	23 rd	Days Snowfall > 0	0	Normal Pan	
Max(T_{min}) °F	61	11 th	Days Precip > Trace	11	Evaporation	4.91"
Min(T_{min}) °F	41	25 th	Days Snowfall > Trace	0	%of Normal	98
Max(Daily Precip)"	1.22	23 rd	Days Wind Gust > 20mph	3		
Max(Daily Snowfall)"	0	N/A	Peak Wind Gust Direction	354		
Peak Wind Gust (mph)	22.93	22 nd	Peak Wind Gust Time (MST)	1558 MST		

POR = period of record
(1889-2025)



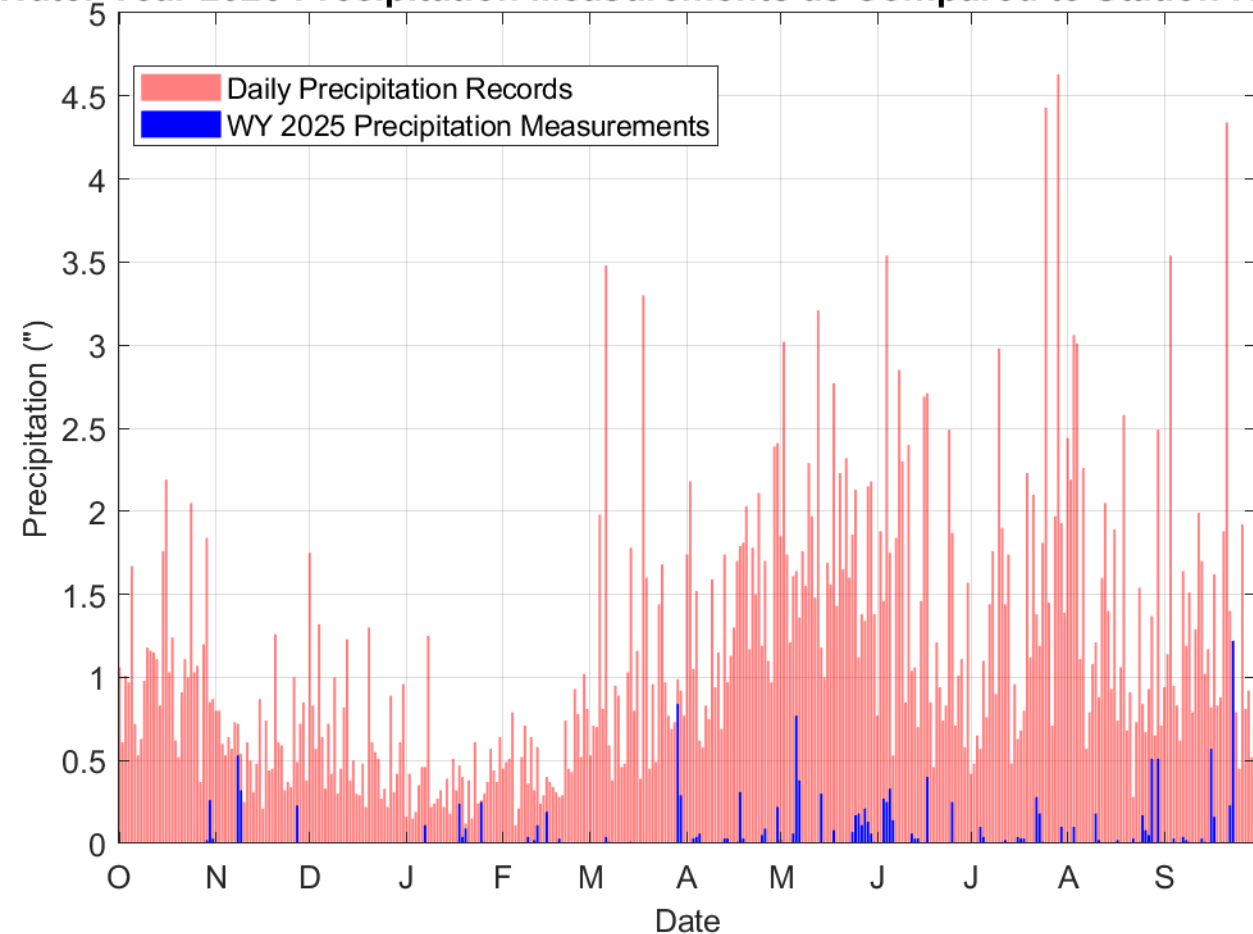
Records Broken

We set a new record highest daily precipitation total on September 23rd, 2025 with 1.22". This breaks the previous record of 0.95" from 1940

September 23rd, 2025 was the first time we have recorded more than one inch of precipitation on a single day since April 27th, 2024

So far, this has been our only daily precipitation record in Calendar Year 2025.

Water Year 2025 Precipitation Measurements as Compared to Station Records



Feature Story: September Snow

The last September with measurable snowfall was 2020. Some of you may remember this was during the Cameron Peak wildfire. Since then, it had been 20 years since we saw measurable snowfall in September

Maybe you have heard a claim like this: “September snowfall is becoming less common in Colorado.” Some claims to that effect have circulated on social media

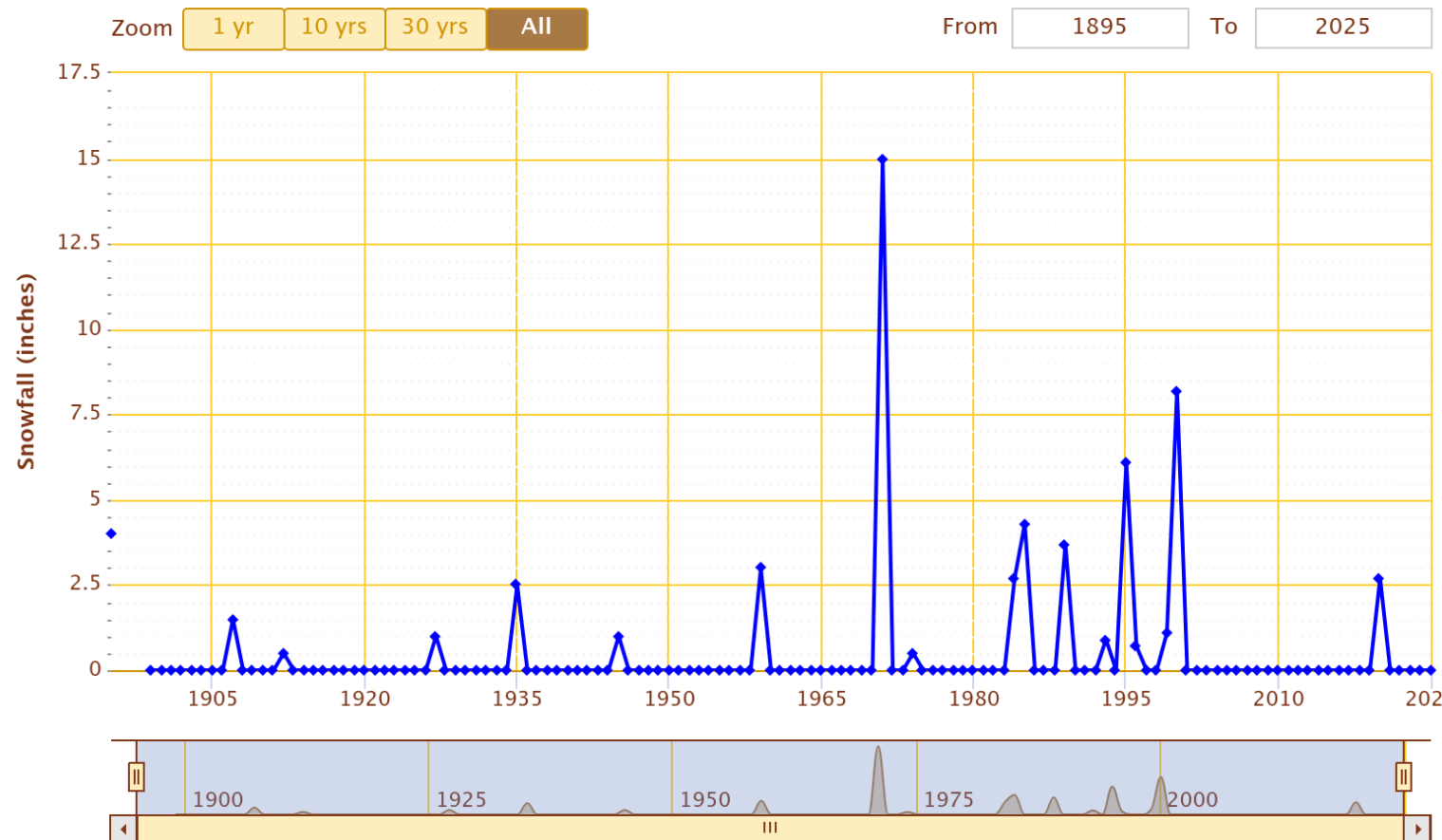
For Fort Collins I would call this claim “mostly false.” Since 1899 the linear trend in September snowfall is $+0.05$ ”/decade with a standard error of ± 0.04 ”/decade”. This trend is not significantly different than zero with 95% confidence.

Claims about snowfall becoming less common in September are likely to resonate with long-time residents because the 1980’s and 1990’s were unusually snowy in September. Some may even remember the September blizzard of 1971. However the data show that September snowfall has never been particularly common. Only 18 Septembers since 1900 have included measurable snowfall

This is not to say September is not warming. September is getting warmer. September has warmed by 0.4 °F/decade with a standard error of ± 0.005 °F/decade , a trend that is easily different than zero at 99% confidence

Total Snowfall – Month of Sep – FORT COLLINS, CO

Use navigation tools above and below chart to change displayed range



Powered by ACIS



CONTACT US!

ASSISTANT STATE CLIMATOLOGIST – PETER GOBLE –
PETER.GOBLE@COLOSTATE.EDU

WEATHER STATION MANAGER – NOAH NEWMAN –
NOAH.NEWMAN@COLOSTATE.EDU

DATA QA/QC – ALLIE MAZUREK – ALLIE.MAZUREK@COLOSTATE.EDU

STATE CLIMATOLOGIST – RUSS SCHUMACHER –
RUSS.SCHUMACHER@COLOSTATE.EDU