

# Fort Collins Weather Station Monthly Summary

June 2023



Photo credit:  
Kristie Davis

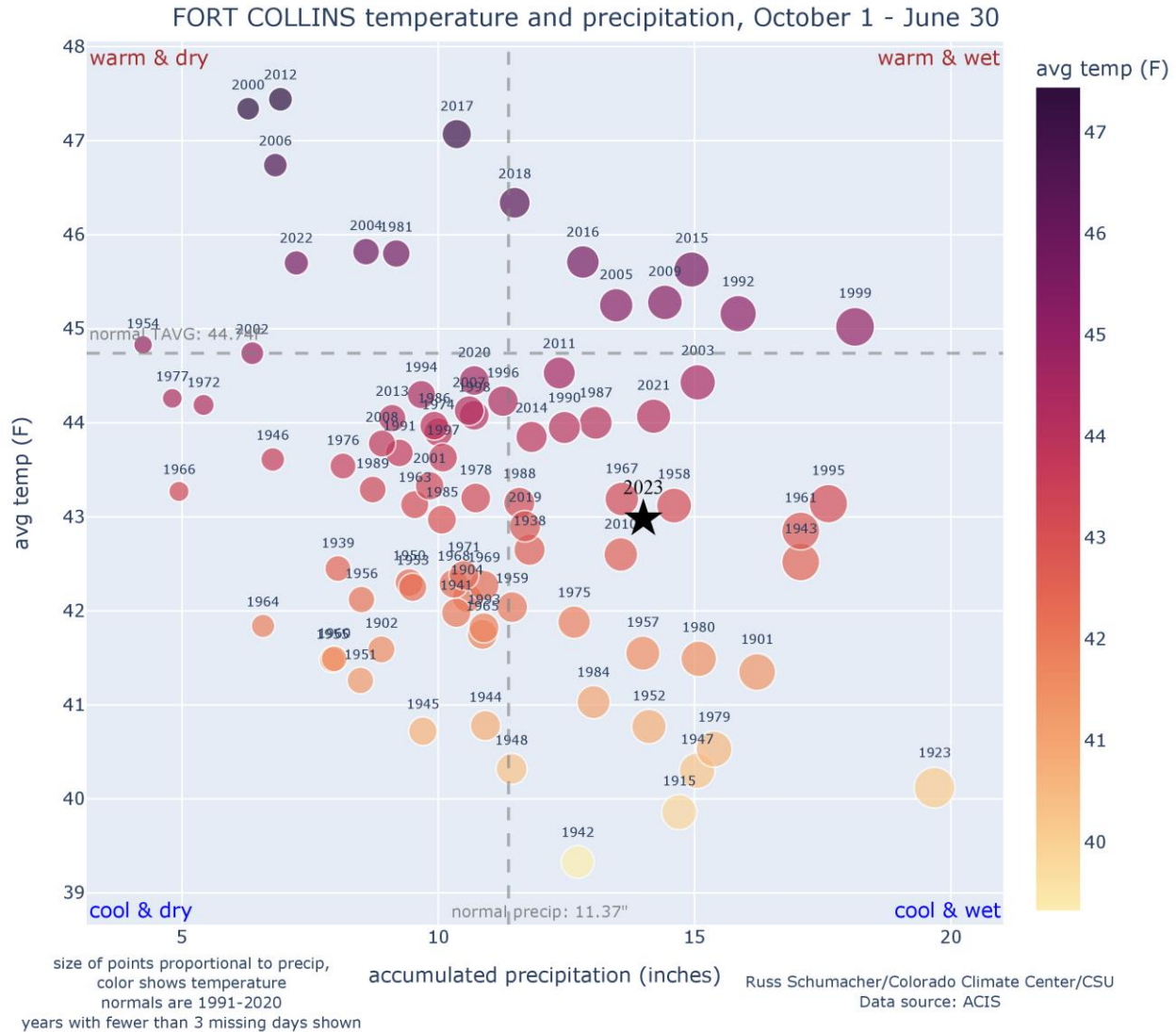


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# Average June Temperature and Precipitation



The average air temperature for June 2023 was 63.0 °F, 4.3 °F below our 1991-2020 June normal (67.3 °F)

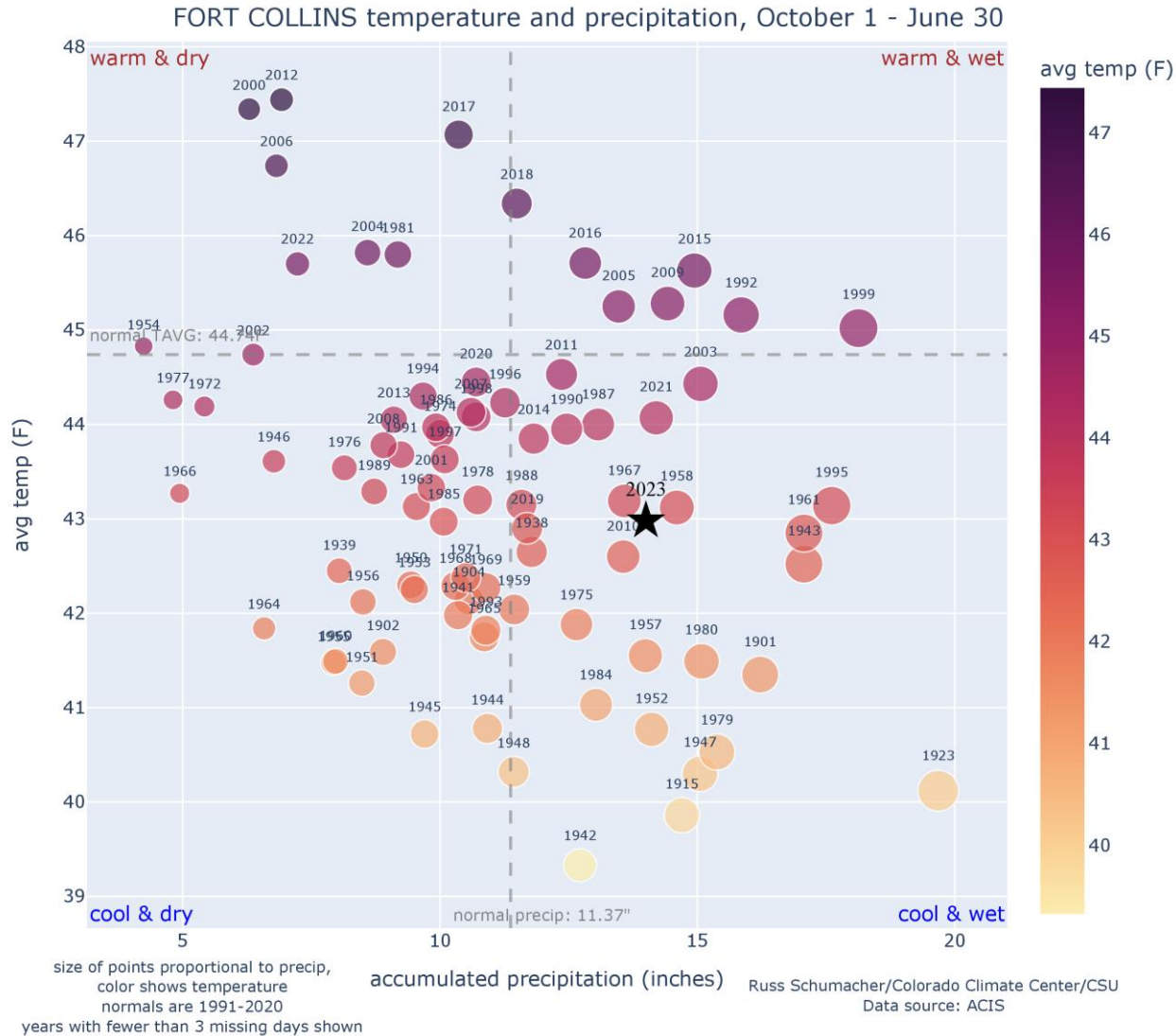
The last cooler June was 1998 (62.9 °F)

We received 5.61" of precipitation in June 2023, 297% of our 1991-2020 June normal (1.89")

The last wetter June was 1992 (5.78")



# Average Water Year Temperature and Precipitation



The average air temperature for our 2023 Water Year to date (since October 1<sup>st</sup>) is 42.6 °F. This is 2.0 °F below our 1991-2020 normal of 44.6 °F

The last cooler October-June was 2010 (also 42.6 °F, but cooler before rounding)

We have received 13.99" of precipitation this Water Year to date, 124% of our 1991-2020 normal (11.32")

The last Water Year this wet through June was 2021 (14.20")



# Feature Story: Wet Weather

June 2023 rainfall statistics were impressive across much of eastern Colorado, Fort Collins being no exception. At 5.61” of accumulation, this was the 5<sup>th</sup> wettest June on record (since 1889). We received rainfall on 19 out of 30 days, and measurable rainfall on 14 out of 30 days.

The consistency of moisture helped keep temperatures cool, especially during the day. In our semiarid climate, pan evaporation is typically much higher than precipitation through the summer. Pan evaporation exceeded precipitation this month, but only by 0.21”. Hopefully those with lawns used much less water than normal this month!

May was also wetter than normal. We tallied 8.98” of precipitation in May/June 2023, moving from 75% of normal water year to date precipitation on May 1<sup>st</sup> to 124% of normal water year to date precipitation on July 1<sup>st</sup>. The last two month stretch wetter than May-June 2023 was April-May 2015 (9.66”).



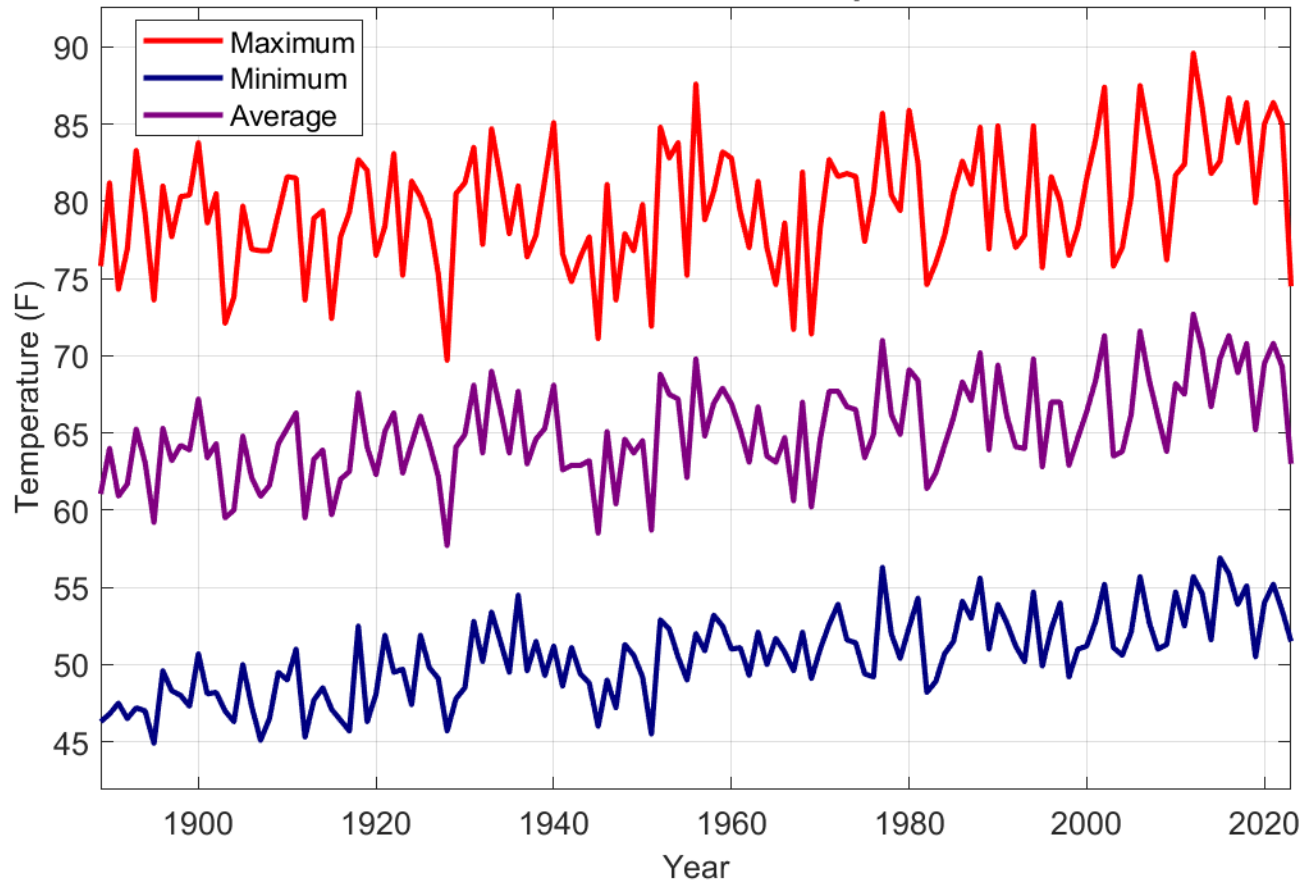
Photo Credit – Russ Schumacher



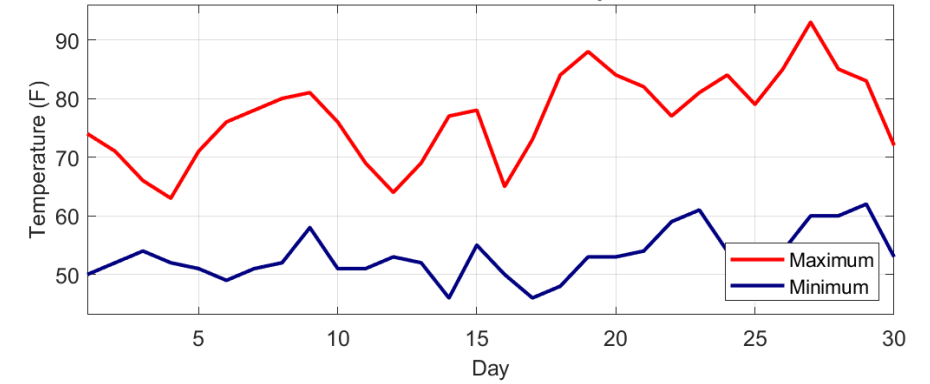


# June 2023 Time Series Graphics

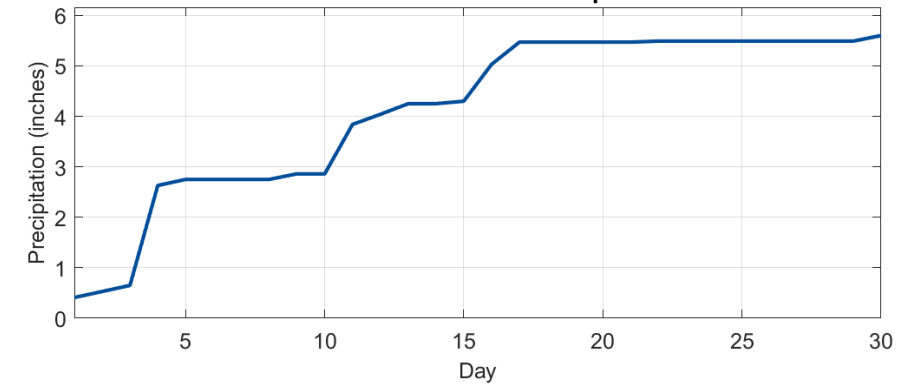
Fort Collins Weather Station June Temperature Timeseries



Fort Collins Weather Station June Temperature Timeseries



Fort Collins Weather Station June Precipitation Timeseries



Highest Daily  $T_{max}$ : 93 °F on June 27<sup>th</sup>

Lowest Daily  $T_{min}$ : 46 °F on June 14<sup>th</sup>

Highest Daily Precipitation: 1.98" on June 4<sup>th</sup>

Highest Daily Pan Evaporation: 0.44" on June 27<sup>th</sup>

Total Pan Evaporation: 5.82" (82% of normal)



# Additional June 2023 Statistics

	Observed	1991-2020 Normal	POR Average	Depart from Normal	Depart from POR Average	Last Above	Last Below
$T_{\text{mean}}$ °F	63.0	67.3	65.1	-4.3	-2.1	2022	1998
Mean( $T_{\text{max}}$ ) °F	74.5	81.8	79.7	-7.3	-5.2	2022	1969
Mean( $T_{\text{min}}$ ) °F	51.5	52.8	50.5	-1.3	1	2022	2019
Precipitation"	5.61	1.89	1.79	3.72	3.84	1992	2022
Snowfall"	0	0	0	0	0	1992	N/A
Water Year Precip"	14.03	11.32	10.82	2.71	3.21	2021	2022
Seasonal Snowfall"	47.7	50.7	48.4	-3.0	-0.7	2021	2022
POR = period of record (since 1894)							

	Value	Date
Max( $T_{\text{max}}$ ) ° F	93	27 <sup>th</sup>
Min( $T_{\text{max}}$ ) ° F	63	4 <sup>th</sup>
Max( $T_{\text{min}}$ ) ° F	62	29 <sup>th</sup>
Min( $T_{\text{min}}$ ) ° F	46	14 <sup>th</sup>
Max(Daily Precip)"	1.98	4 <sup>th</sup>
Max(Daily Snowfall)"	0	N/A
Peak Wind Gust (mph)		

Days Precip > 0	19
Days Snowfall > 0	0
Days Precip > Trace	14
Days Snowfall > Trace	0
Days Wind Gust > 20mph	12
Peak Wind Gust Direction	187
Peak Wind Gust Time (MST)	1542 MST

POR = period of record (1889-2023)



# Records Broken

Despite the abundant rainfall, no daily temperature or precipitation records were broken in June 2023.



Photo Credit: Kristie Davis



# CONTACT US!

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