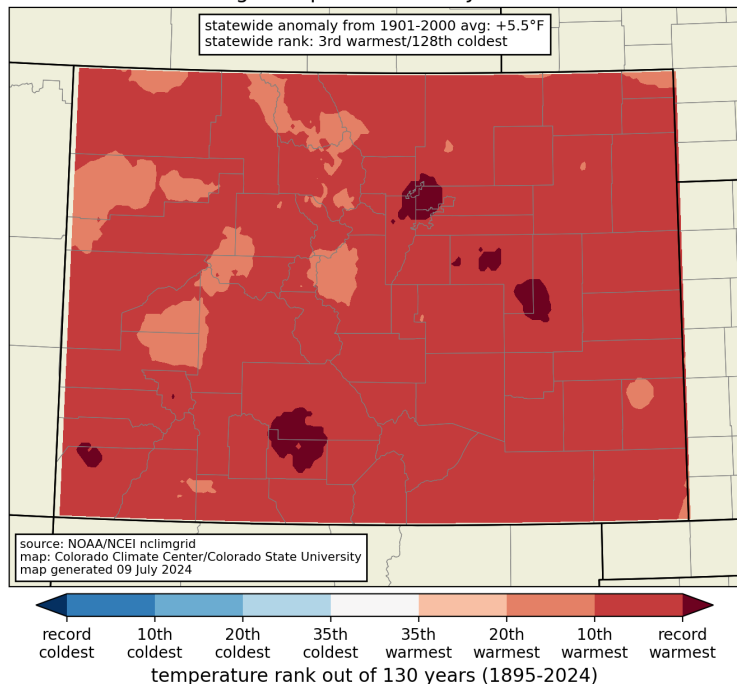




June 2024 Colorado Monthly Climate Summary

temperature

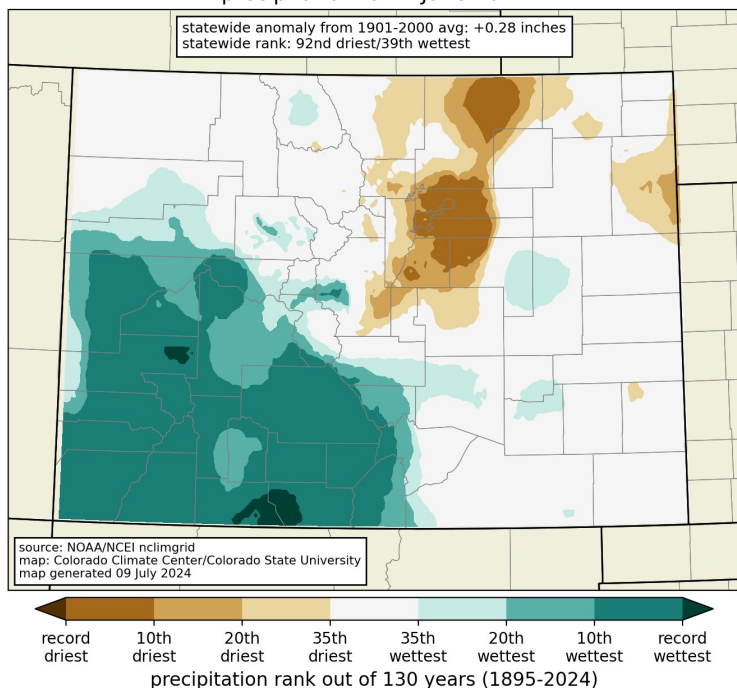
average temperature rank: June 2024



June 2024 was warmer than average across all of Colorado. Most of the state experienced a top-10 warm June, and it ranked as the warmest June on record in a few areas, according to NOAA gridded data.

precipitation

precipitation rank: June 2024



June is typically a dry month in southwestern Colorado, but not in 2024. Nearly the entire southwest corner of the state had a top-10 wet June, with many areas receiving more than triple their average June rain. In contrast, parts of northern Colorado were very dry in June, which followed a dry May. The Boulder climate station had a record-low 0.71" of rain in May and June.



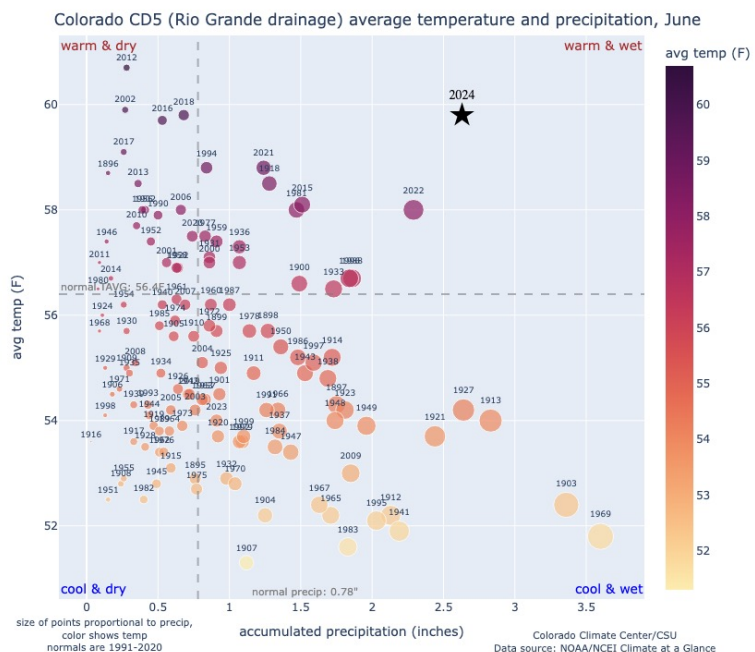
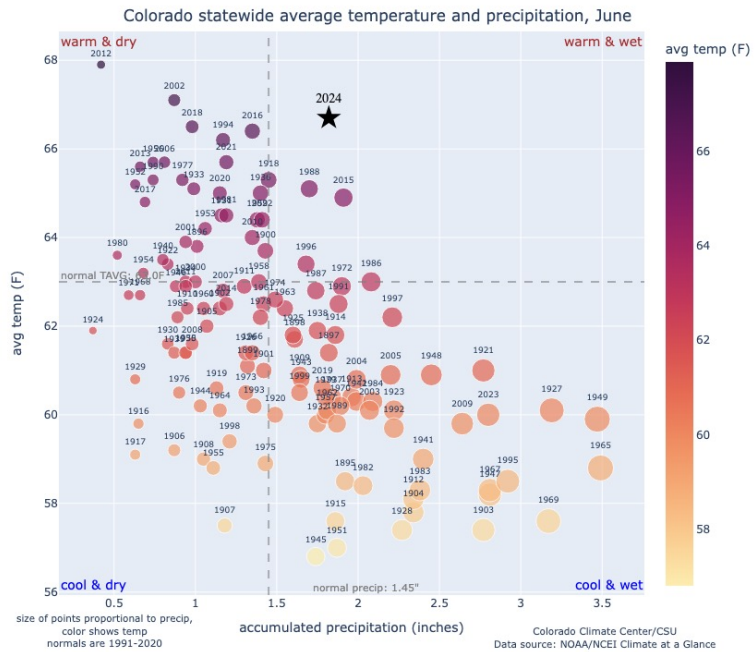
quadrant charts

Each dot plots the precipitation on the x-axis and the temperature on the y-axis. Dots are colored based on temperature and size is based on precipitation. The current year is denoted with a star. Long-term averages are denoted by the dashed lines.

June 2024 ranked as the 3rd-warmest June on record for Colorado, behind only 2002 and 2012. It was 3.7° F above the 1991-2020 average and 5.5° F above the 20th century average. The quadrant chart shows that it was the warmest June that was also wetter than average statewide. It was the 39th wettest June, at 0.28" above average.

The warm and wet pattern in June was especially notable in southern Colorado. In the Rio Grande drainage climate division, June 2024 stands farther into the warm and wet quadrant than any previous year. It was the 5th wettest and tied for the 3rd warmest June in that region.

[view all quadrant charts](#)

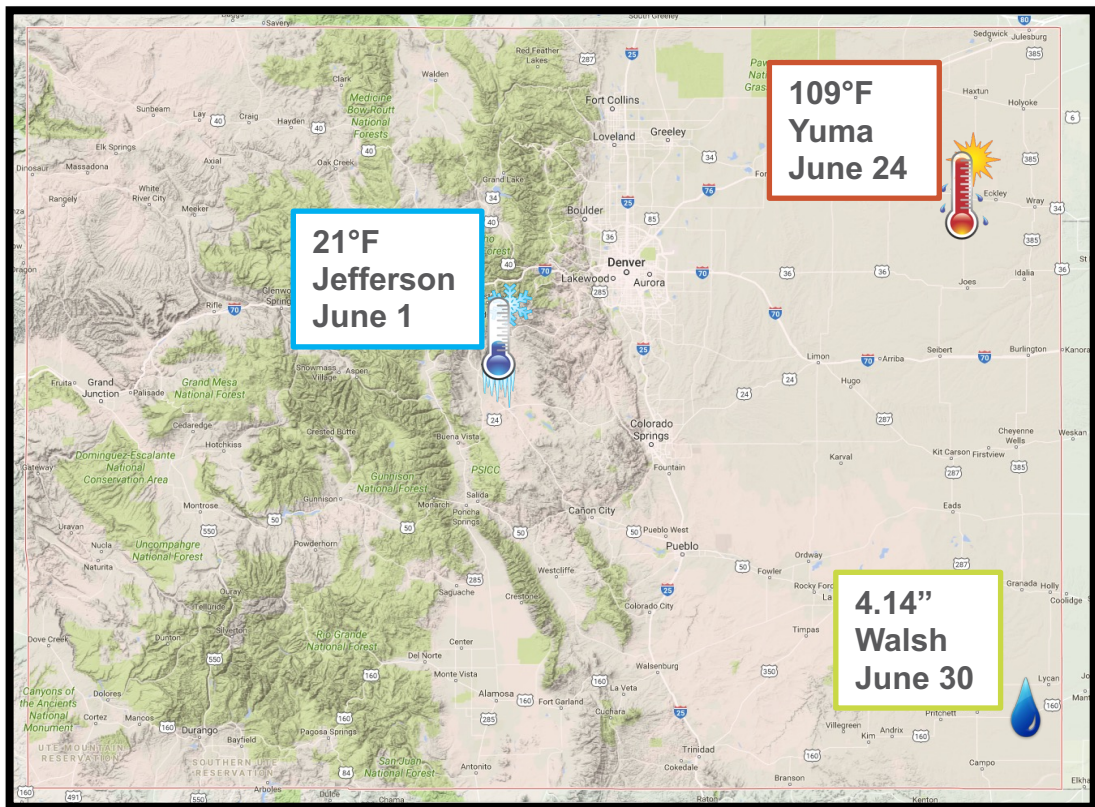


records tied and broken

	High Max	Low Max	High Min	Low Min	Precip	Snow
Daily	53/78	5/16	67/220	6/4	36/147	0/0
Monthly	0/0	0/0	6/7	0/0	2/15	0/0
All-time	0/0	0/0	1/0	0/0	0/0	0/0

Tied/**Broken**, from NOAA National Centers for Environmental Information

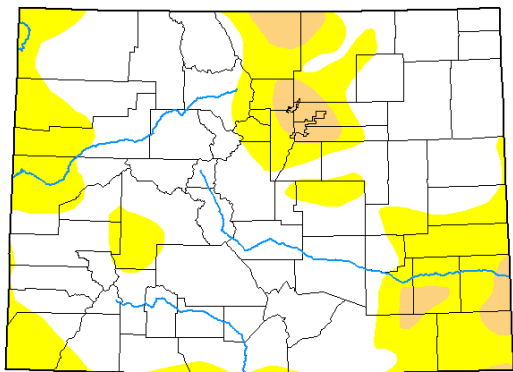
state extremes



drought

U.S. Drought Monitor Colorado

July 2, 2024
(Released Wednesday, Jul. 3, 2024)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	67.39	32.61	4.61	0.00	0.00	0.00
Last Week 06-25-2024	52.87	47.13	10.95	0.00	0.00	0.00
3 Months Ago 04-02-2024	70.44	29.56	7.44	0.00	0.00	0.00
Start of Calendar Year 01-01-2024	34.65	65.35	29.59	8.85	2.05	0.00
Start of Water Year 09-26-2023	65.71	34.29	17.43	2.77	0.00	0.00
One Year Ago 07-04-2023	100.00	0.00	0.00	0.00	0.00	0.00

Intensity

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

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NOAA/NWS/NCEP/CPC

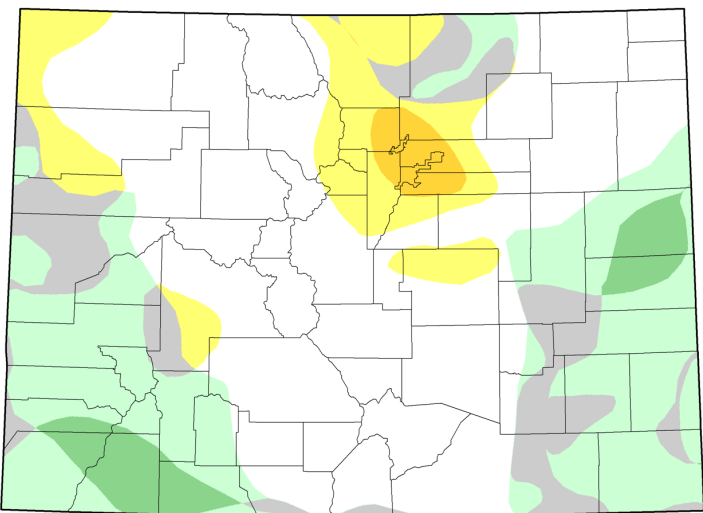


droughtmonitor.unl.edu

As of the beginning of July, just 4.6% of Colorado was in drought conditions on the US Drought Monitor (D1 or worse). Pockets of drought were present along the northern Front Range and in southeastern Colorado.

[Colorado Drought Update Page](#)

U.S. Drought Monitor Class Change - Colorado
5 Week



July 2, 2024
compared to
May 28, 2024

droughtmonitor.unl.edu



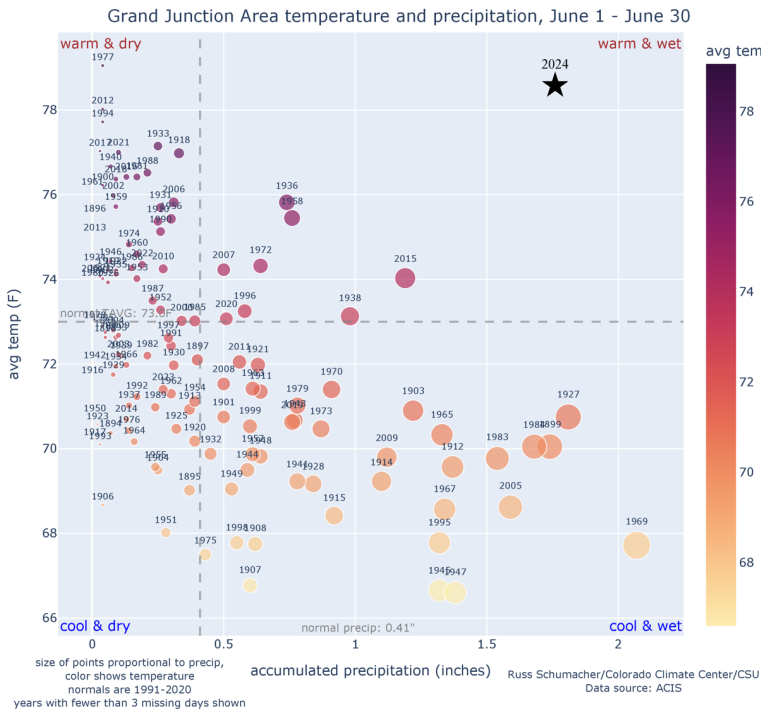
- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

During June, drought conditions improved in both southwest and southeast Colorado, with two-category improvements in areas with particularly ample precipitation. In contrast, parts of the Front Range saw a two-category degradation (from nothing on the map to D1 drought) as a result of the dry June.



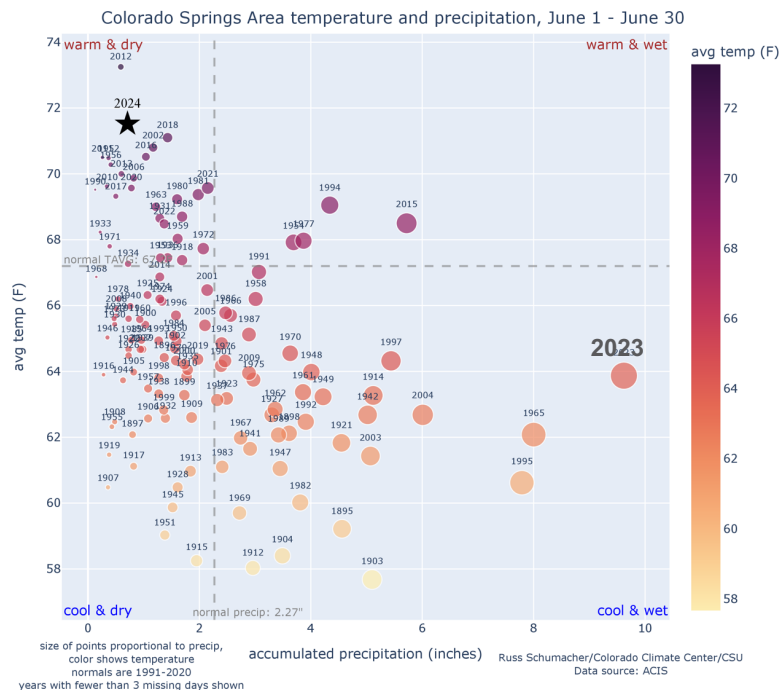
significant events

Although these were an accumulation of events rather than individual storms, we'll highlight here just how unusual June's climate statistics were at some specific locations using more quadrant charts.



At Grand Junction, June 2024 wasn't even close to any previous June in terms of being both warm and wet. Typically in western Colorado, warm and dry go together in summer. But June 2024 was the 2nd warmest June on record while also being the 3rd wettest with 1.76" of precipitation, over 4 times the June average.

In many locations east of the divide, there was serious "whiplash" between June in 2023 and 2024. At Colorado Springs, June 2023 was the wettest June on record with below average temperature, while June 2024 was very warm and dry. June 2023 had over 13 times more precipitation than June 2024 in the Springs!



CCC in the news

- ❑ [Colorado's 20 largest wildfires happened this century. Here's how things are changing.](#)
Featuring Becky Bolinger in The Coloradoan.
- ❑ [The race to get ahead of the next tornado](#)
Featuring Russ Schumacher in Vox.
- ❑ [Senate Agriculture Subcommittee Field Hearing on Impact of Drought on Agriculture](#)
Featuring Peter Goble on C-SPAN.
- ❑ [The monsoon arrives](#)
Featuring Peter Goble in The Telluride Daily Planet.
- ❑ [As climate-driven threat increases, Xcel Energy looks to go high tech with its Wildfire Mitigation Plan](#)
Featuring Colorado Climate Center in The Alamosa Citizen.