



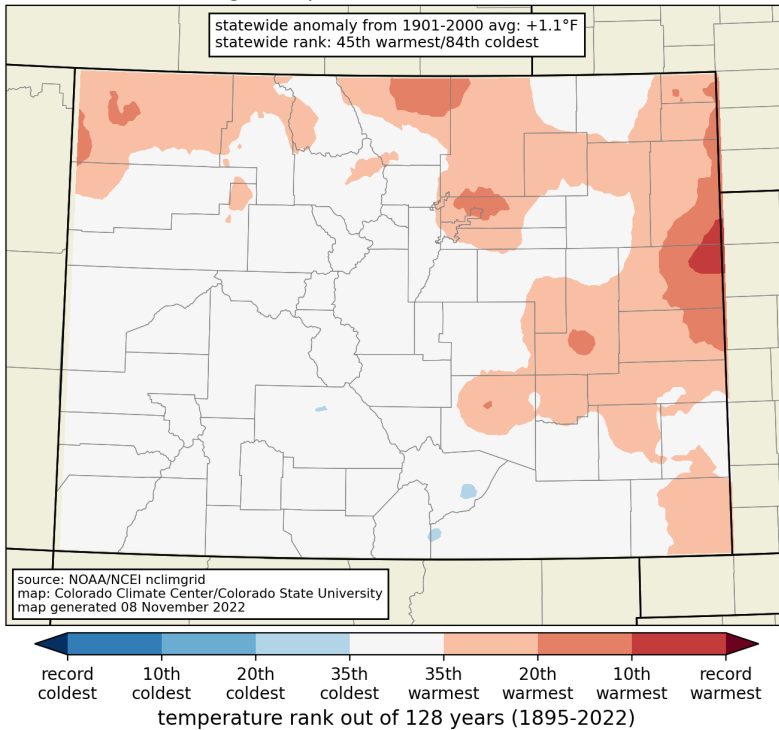
October 2022 Colorado Monthly Climate Summary



ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY

temperature

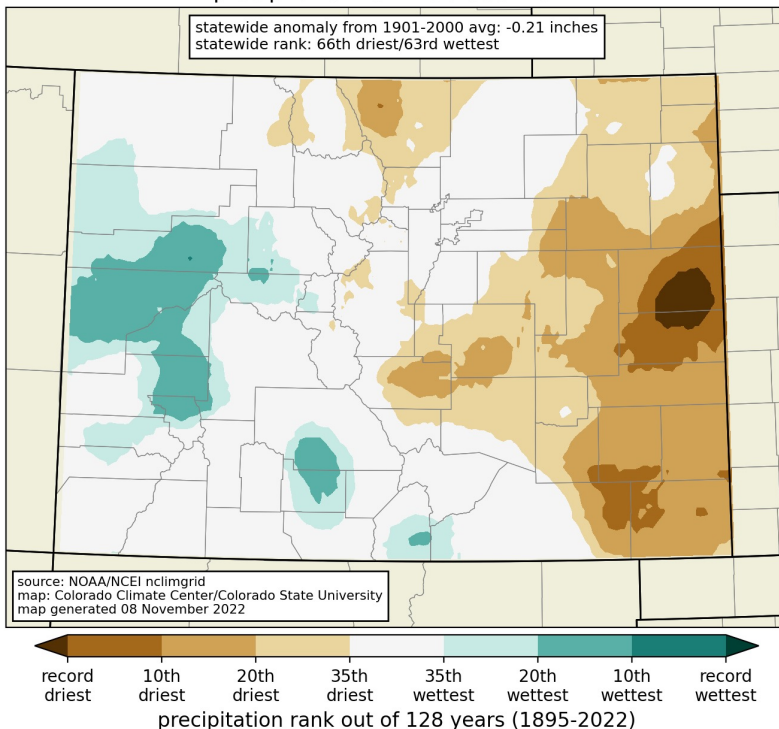
average temperature rank: October 2022



Near normal temperature conditions were observed around much of the state during October 2022. Some warm anomalies can be seen over parts of northern and eastern Colorado. Some areas of eastern CO experienced their top 20 ranked warmest October.

precipitation

precipitation rank: October 2022



Precipitation during October 2022 was above average in western CO and below average in eastern CO. And area around Kit Carson and Cheyenne Counties saw their record driest October. In western CO and the San Luis Valley, a few areas received enough moisture to rank in the top 20 of wettest Octobers.



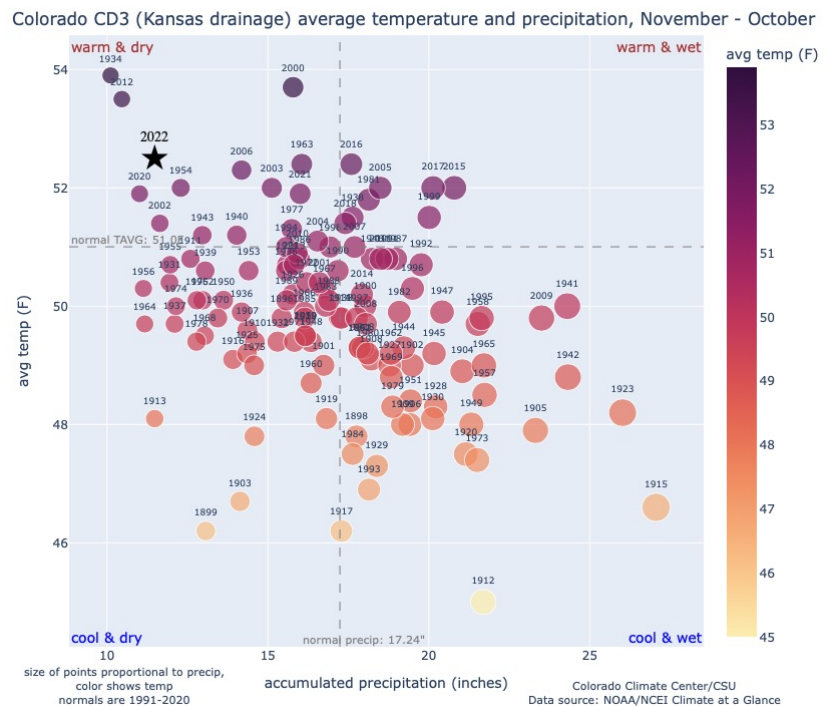
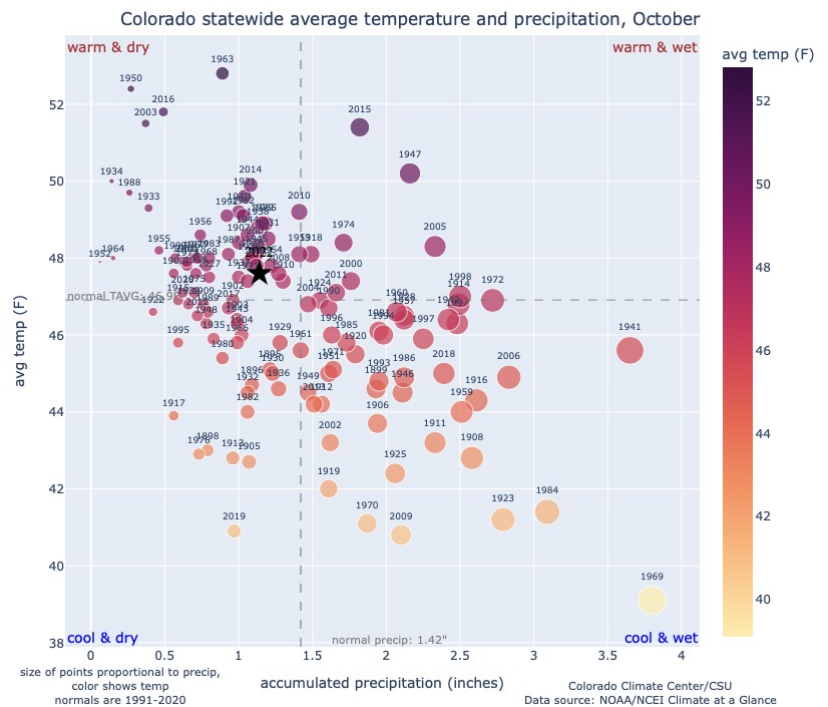
quadrant charts

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.

October 2022 was very close to normal conditions for the state, but fell slightly within the warm and dry quadrant. October 2022 was the 63rd wettest and 45th warmest October in the 128-year record.

Focusing in on the Kansas climate division (in eastern CO) for the last 12 months, conditions have been very warm and dry. The last 12 month ranks as the 6th driest and 4th warmest in the record.

[view all quadrant charts](#)

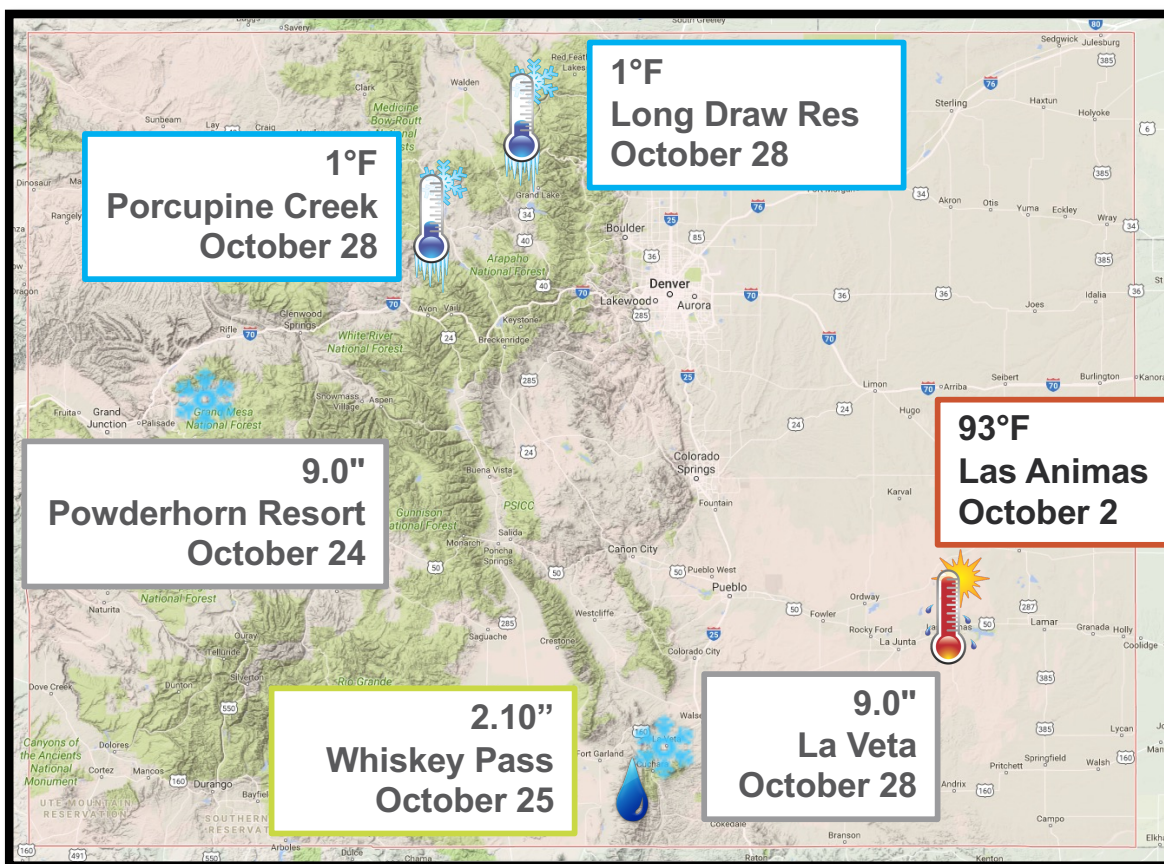


records tied and broken

	High Max	Low Max	High Min	Low Min	Precip	Snow
Daily	4/4	14/87	11/37	4/8	16/68	2/8
Monthly	0/1	0/0	0/0	0/0	0/1	0/0
All-time	0/0	0/0	0/0	0/0	0/0	0/0

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

state extremes



drought

U.S. Drought Monitor Colorado

November 1, 2022
(Released Thursday, Nov. 3, 2022)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	16.91	83.09	46.57	14.28	3.13	0.57
Last Week 10-25-2022	17.78	82.22	48.86	14.56	3.13	0.57
3 Months Ago 08-02-2022	3.27	96.73	61.57	30.50	4.95	0.00
Start of Calendar Year 01-04-2022	0.00	100.00	95.49	67.08	22.25	0.00
Start of Water Year 09-27-2022	15.46	84.54	45.85	15.47	3.73	0.57
One Year Ago 11-02-2021	4.44	95.56	76.77	30.46	6.93	0.00

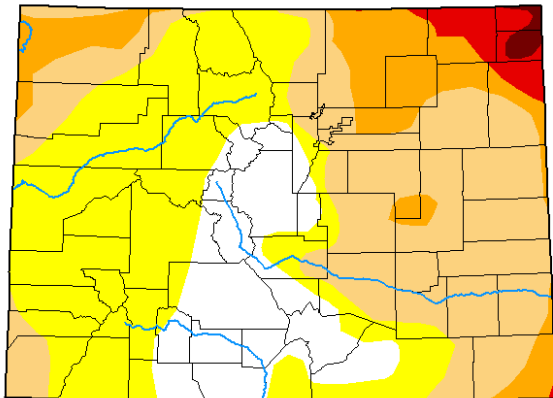
Intensity:
 None (White)
 D0 Abnormally Dry (Yellow)
 D1 Moderate Drought (Light Orange)
 D2 Severe Drought (Orange)
 D3 Extreme Drought (Red)
 D4 Exceptional Drought (Dark Red)

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>

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National Drought Mitigation Center



droughtmonitor.unl.edu

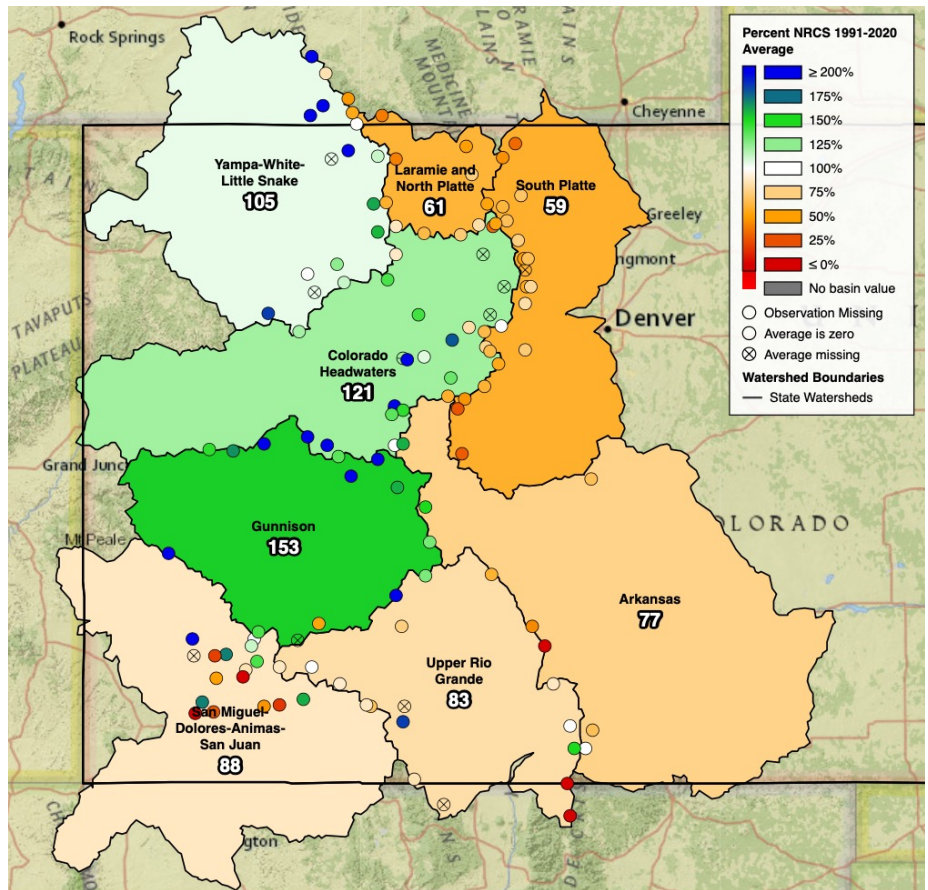


There was some minor improvement to drought conditions in western CO, and eastern CO saw conditions deteriorate. At the end of October, most of eastern CO was in moderate drought (D1) with worse conditions in northeast and Baca County. Large areas of D0 or nothing showed up over western CO.

[Colorado Drought Update Page](#)

snowpack

Snowpack accumulations usually start in October. At the end of October 2022, snowpack conditions were a mixed bag, with Gunnison, CO headwaters, and Yampa basins showing above average snowpack and the rest below average. This is pretty typical for the start of snowpack season.



CCC in the news

- ❑ [Don't expect Colorado to have a good snow year. Here's why](#)
 - Phys.org, October 28, Russ Schumacher
- ❑ [Lining Canals to Protect Water](#)
 - Western Slope Now, October 27, Becky Bolinger
- ❑ [The Colorado River Compact is turning 100. These CSU resources will help you better understand water in the West](#)
 - CSU Source, October 26, Becky Bolinger
- ❑ [2022 has been an active year for Red Flag warnings](#)
 - 9News, October 19, Becky Bolinger
- ❑ [Aspen area can't bust out of minor drought classification quite yet](#)
 - Aspen Daily Times, October 11, Russ Schumacher
- ❑ [Summer rains boost soil moisture to 8-year high, but Colorado water forecast "tenuous"](#)
 - The Gazette, October 10, Becky Bolinger
- ❑ [Experts: Warm, dry fall on tap](#)
 - Ouray News, October 6, Peter Goble
- ❑ [Colorado's fall is going to be warm and dry, climatologists say](#)
 - Colorado Sun, October 3, Peter Goble

