

Water Availability Task Force Meeting May 25th, 2023

NRCS Snow Survey and Water Supply Forecasting Program

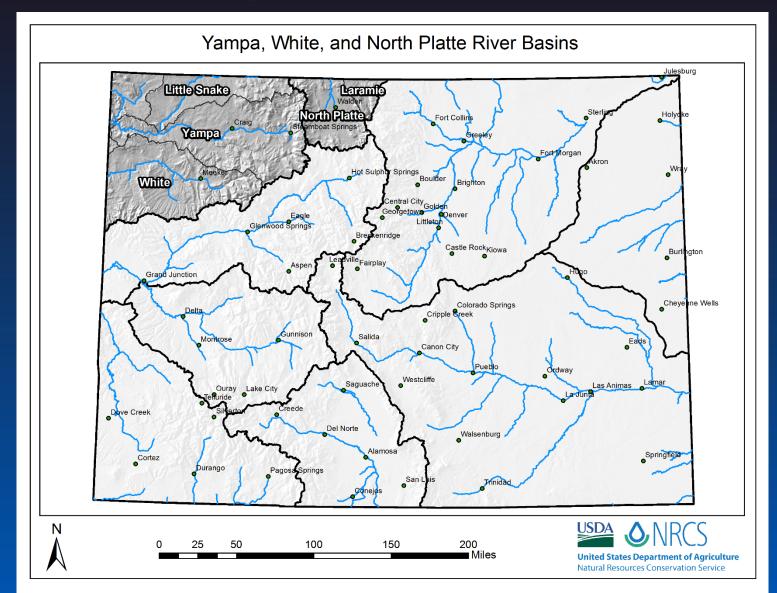
Karl Wetlaufer Hydrologist Karl.Wetlaufer@usda.gov 720-544-2853 http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/



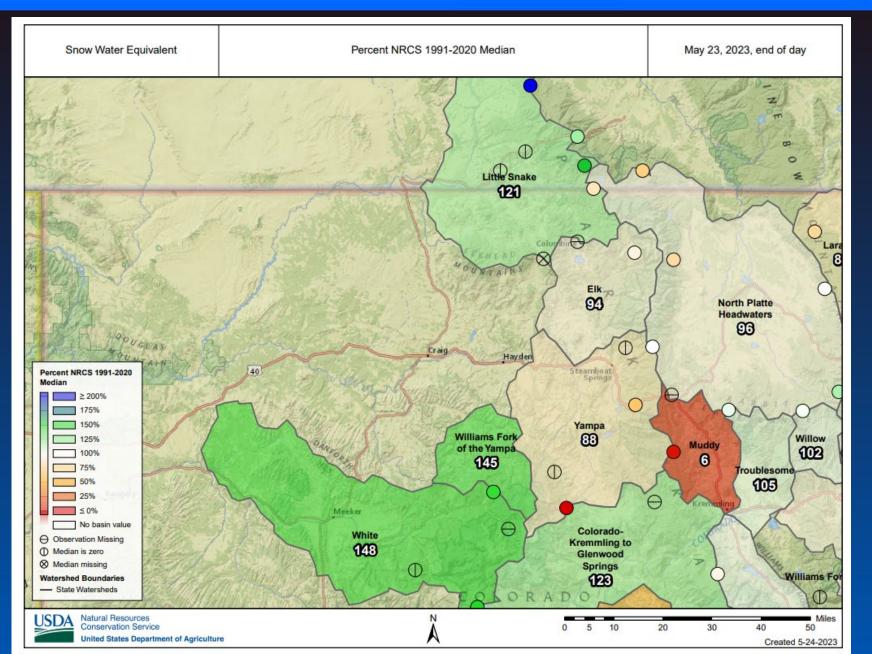
USDA

Colorado Snow Surveys

Major Basin Summary

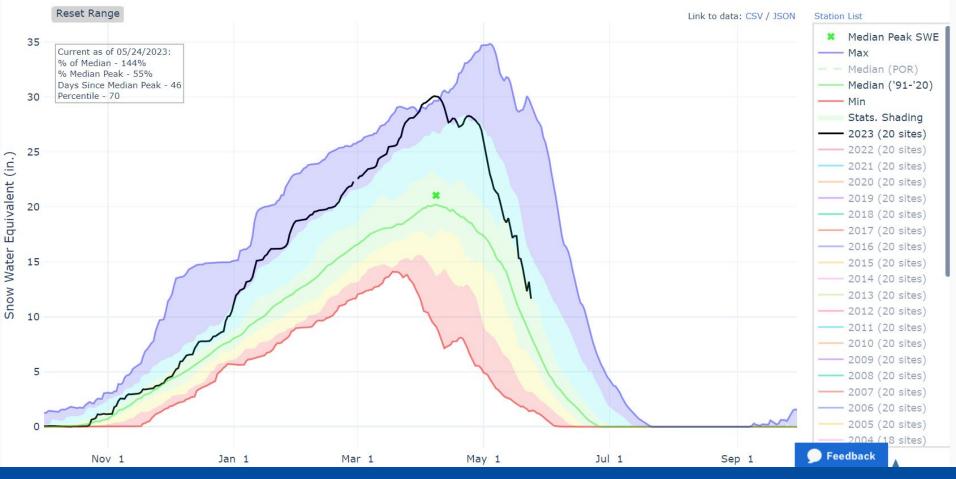






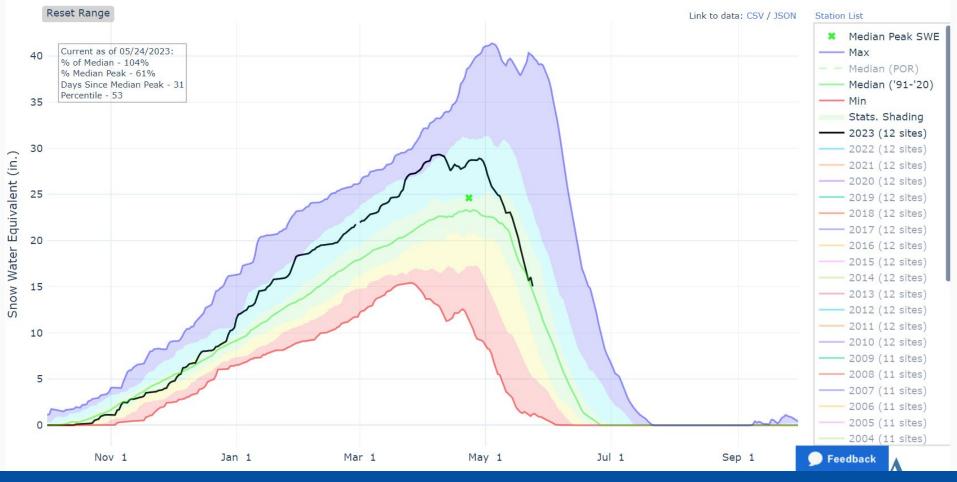


SNOW WATER EQUIVALENT IN YAMPA-WHITE-LITTLE SNAKE



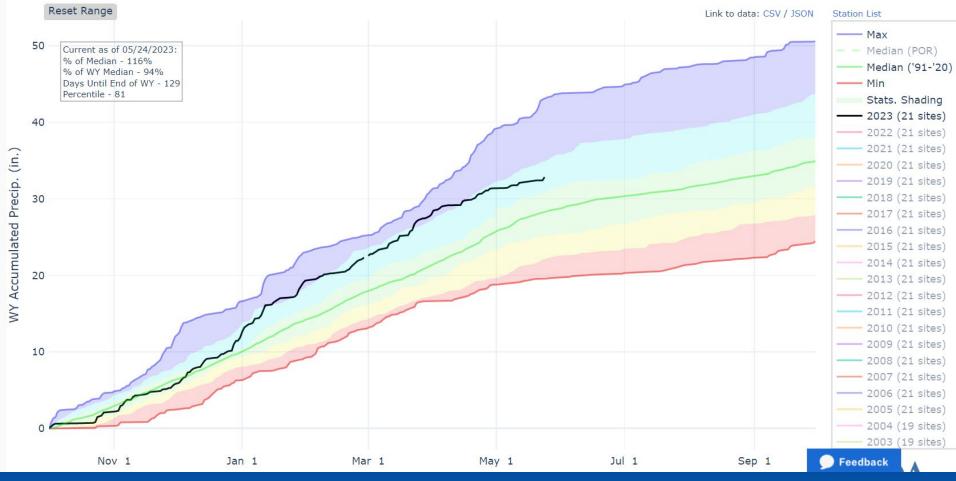


SNOW WATER EQUIVALENT IN LARAMIE AND NORTH PLATTE



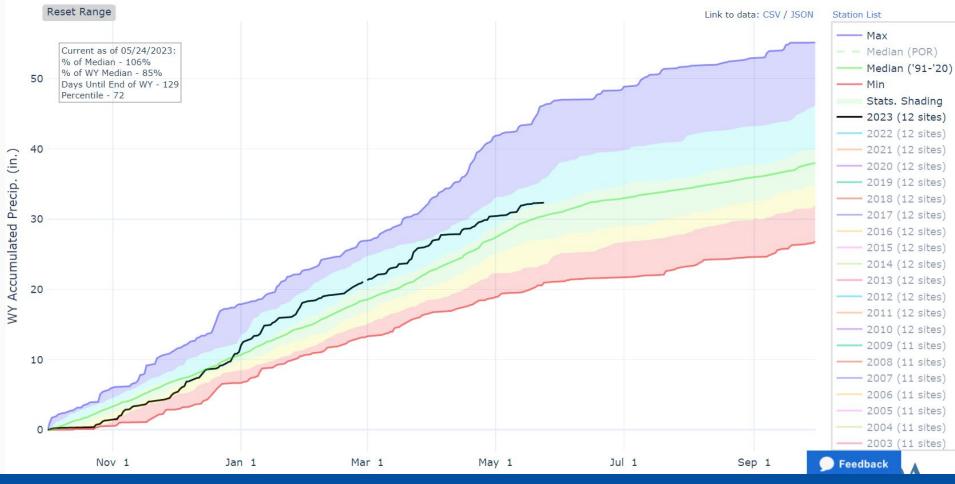


PRECIPITATION IN YAMPA-WHITE-LITTLE SNAKE



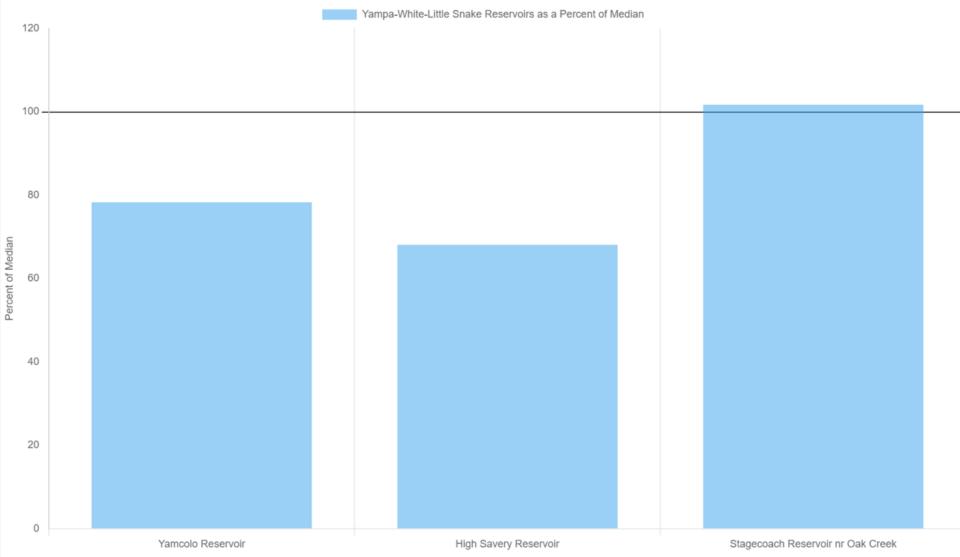


PRECIPITATION IN LARAMIE AND NORTH PLATTE

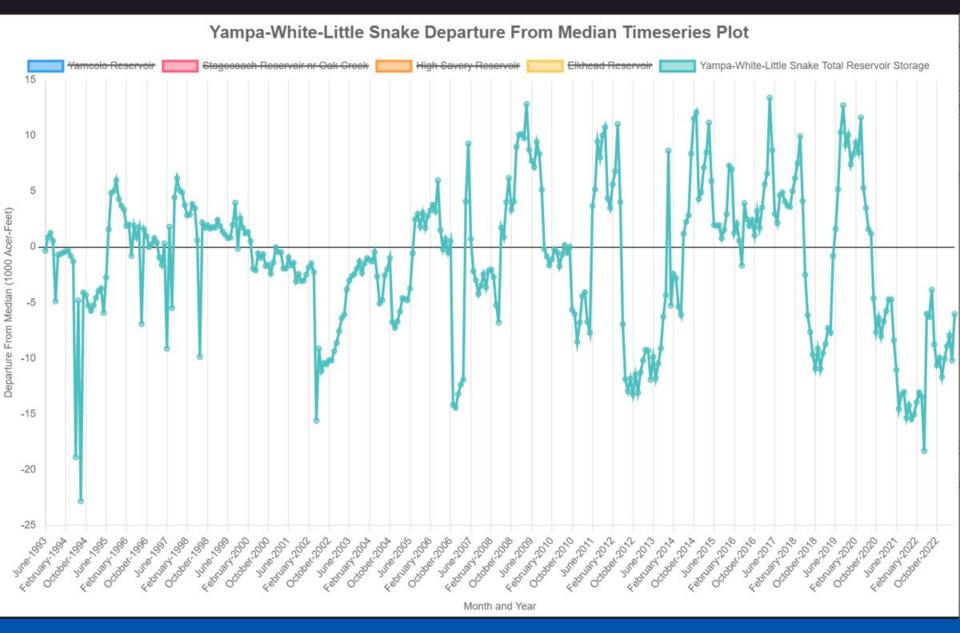




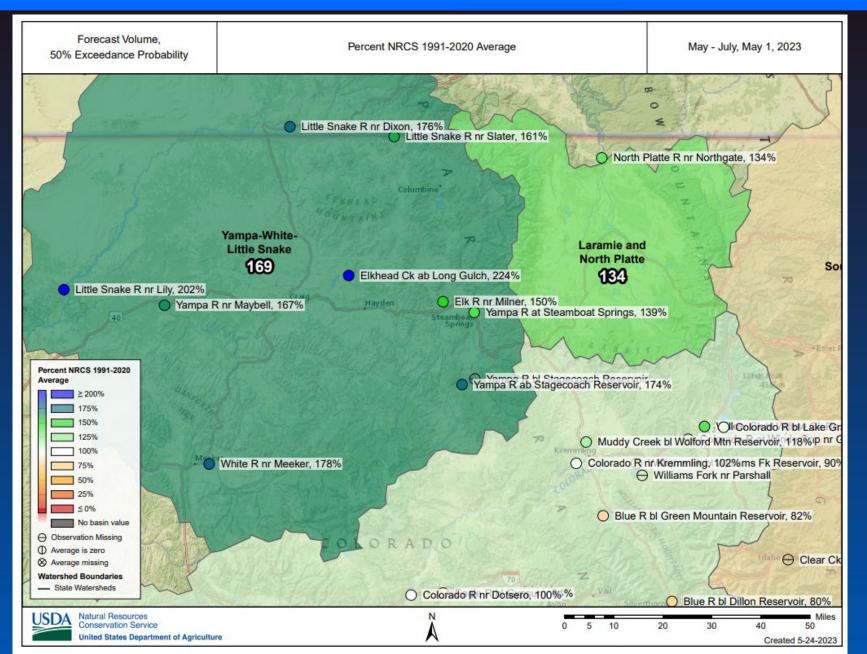
Yampa-White-Little Snake Reservoir Storage Summary for May 1st 2023

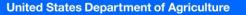








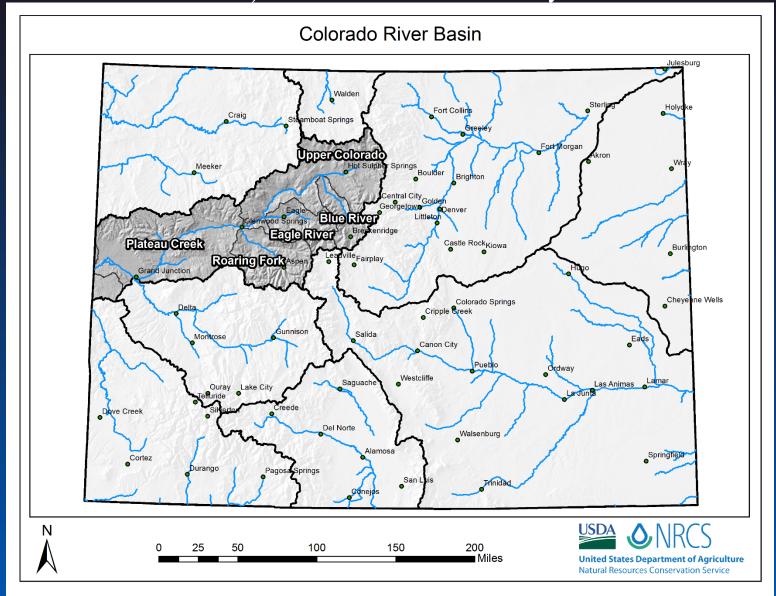




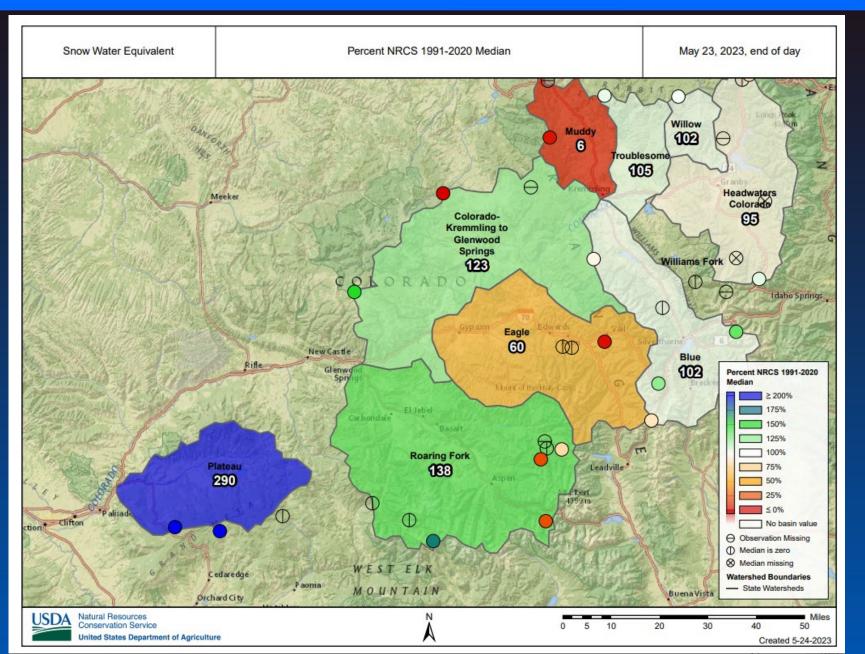
USDA

Colorado Snow Surveys

Major Basin Summary

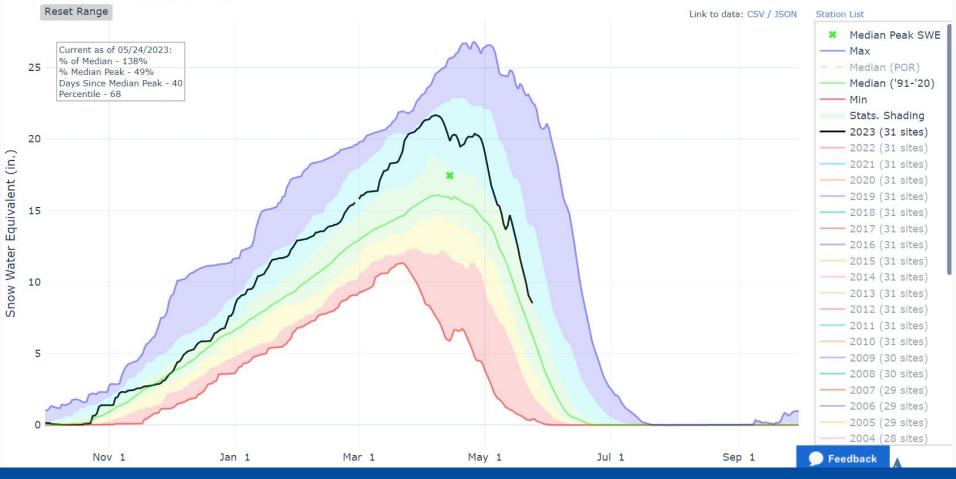






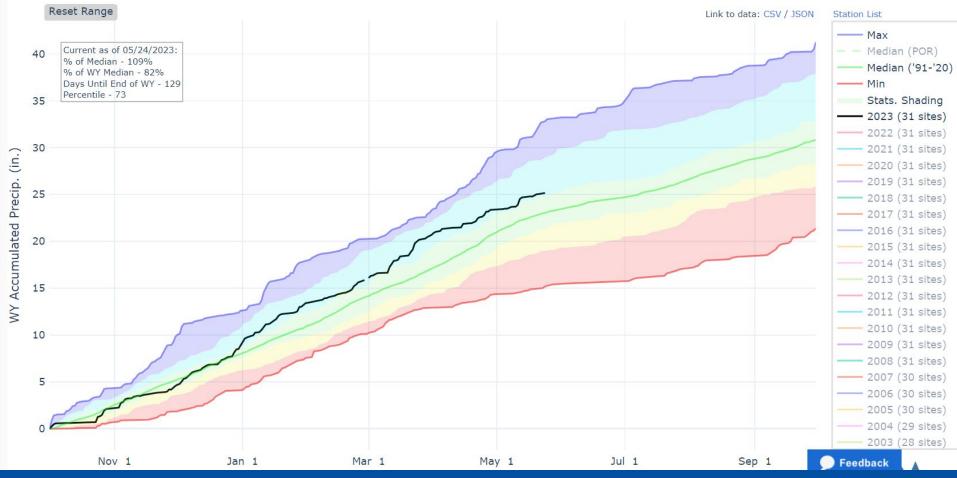


SNOW WATER EQUIVALENT IN COLORADO HEADWATERS



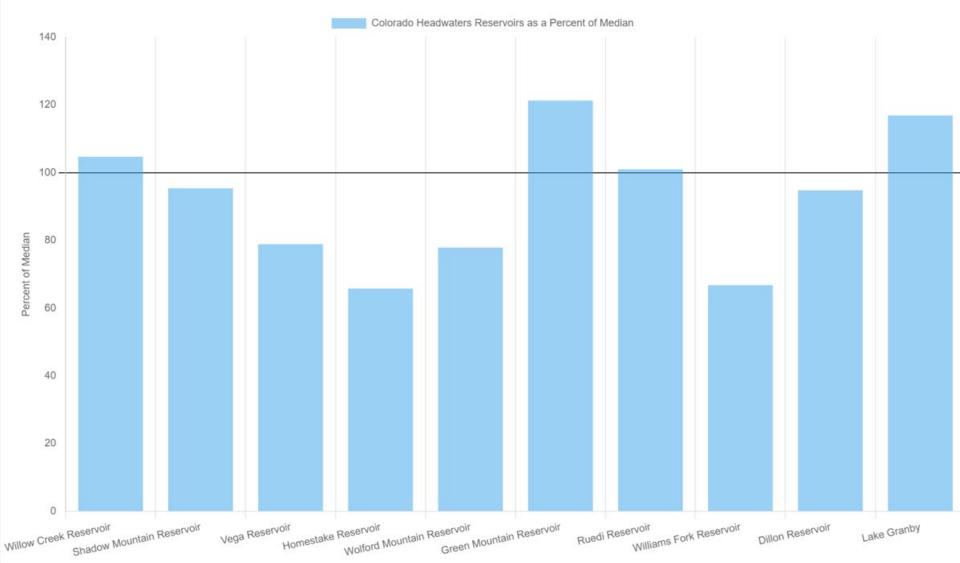


PRECIPITATION IN COLORADO HEADWATERS



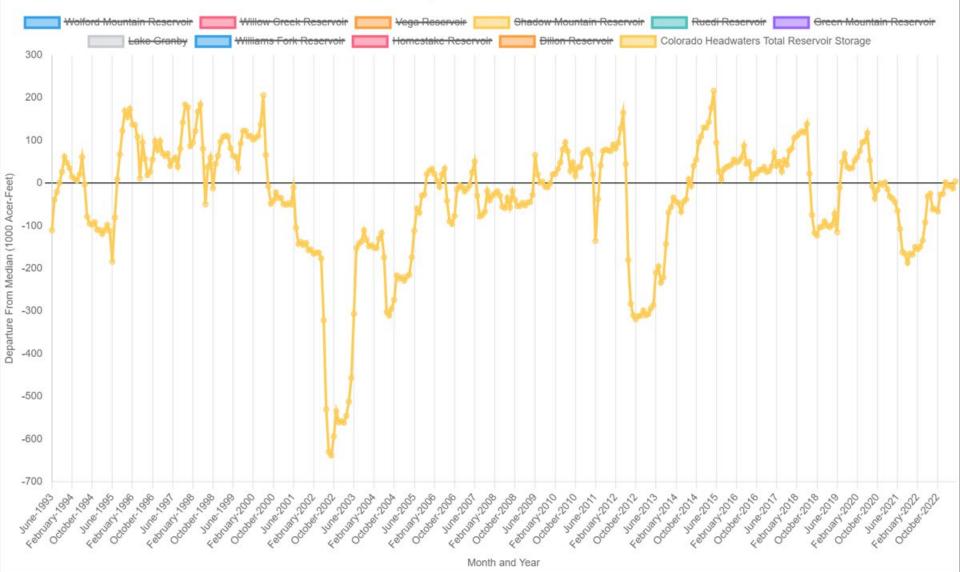


Colorado Headwaters Reservoir Storage Summary for May 1st 2023

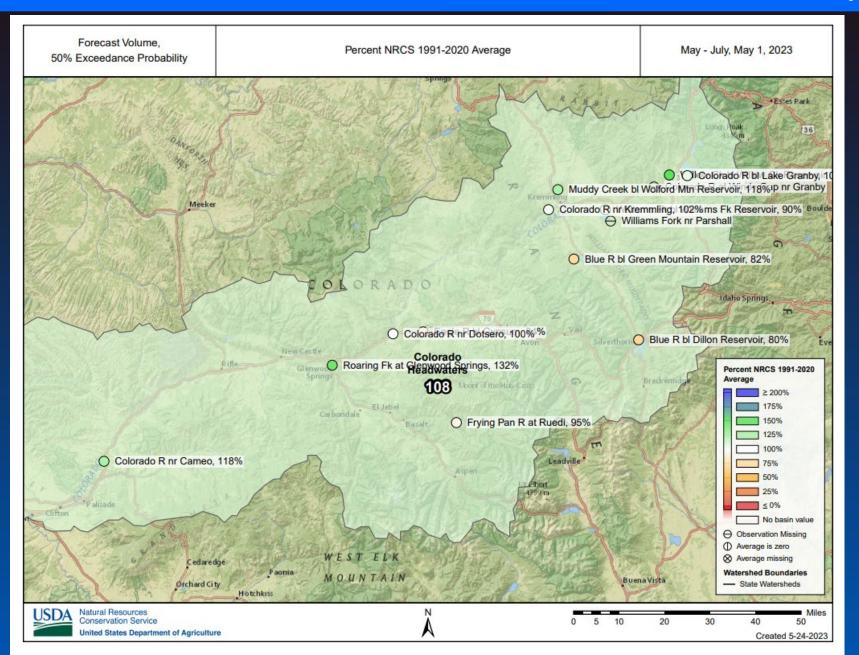




Colorado Headwaters Departure From Median Timeseries Plot





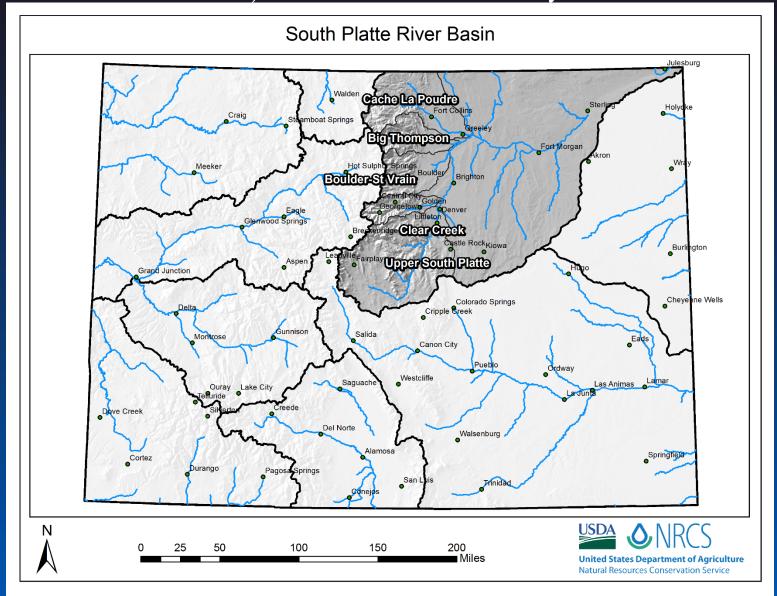




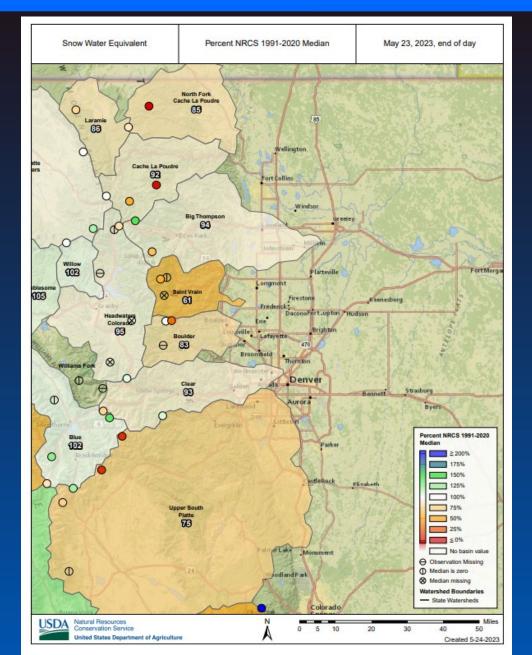
USDA

Colorado Snow Surveys

Major Basin Summary

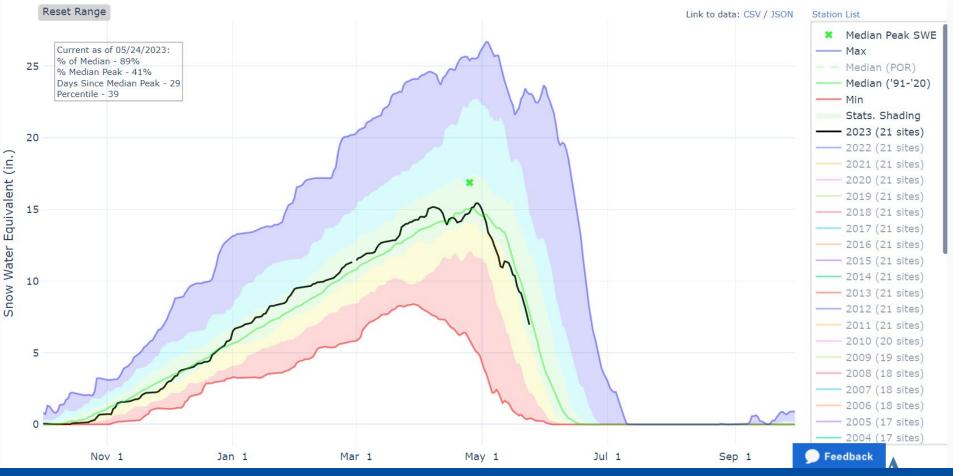




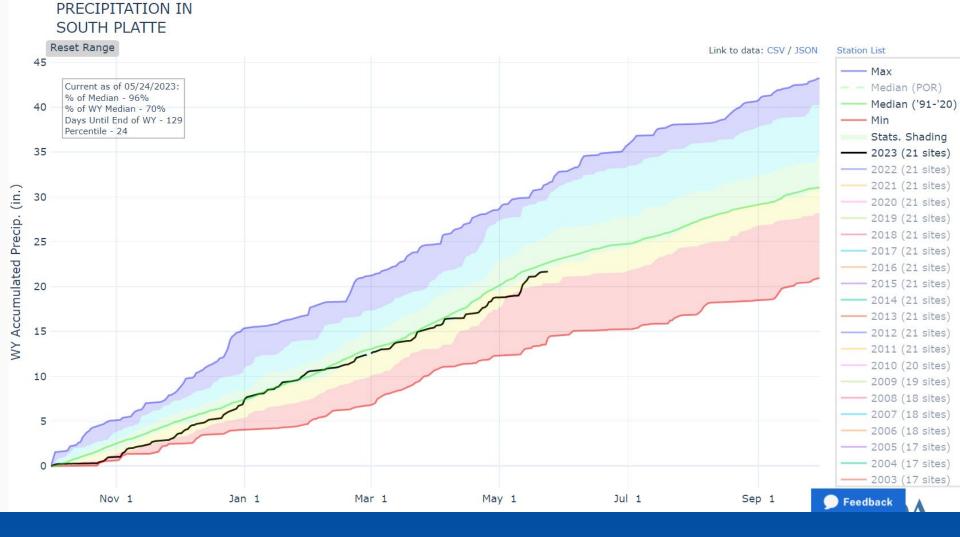




SNOW WATER EQUIVALENT IN SOUTH PLATTE

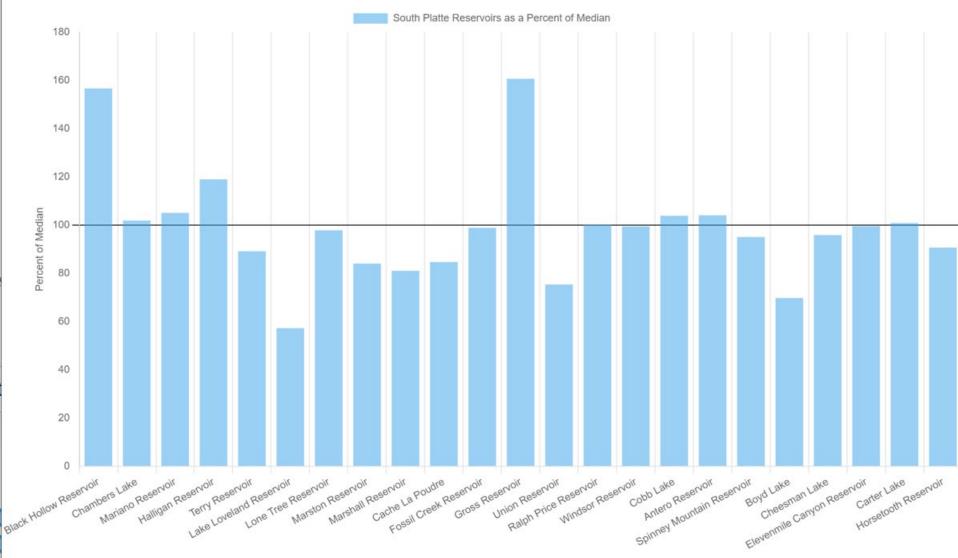








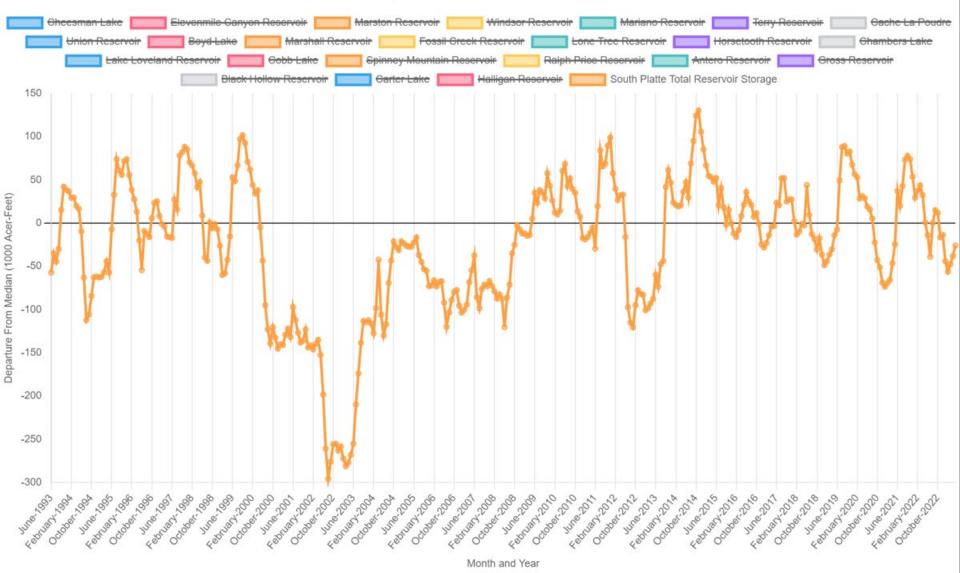
South Platte Reservoir Storage Summary for May 1st 2023



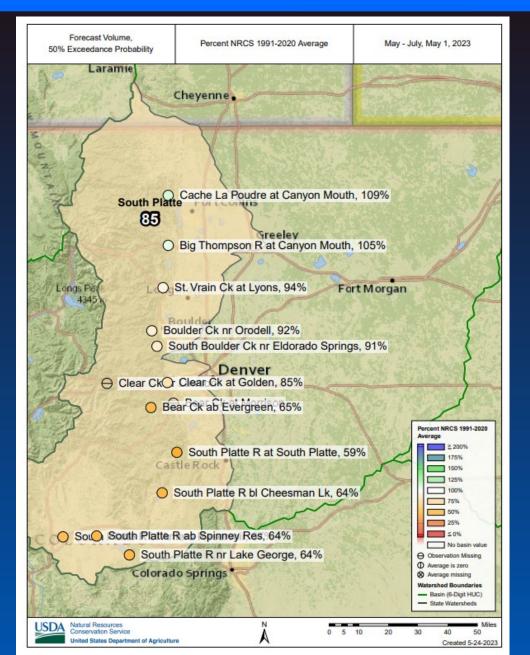
Reservoirs



South Platte Departure From Median Timeseries Plot





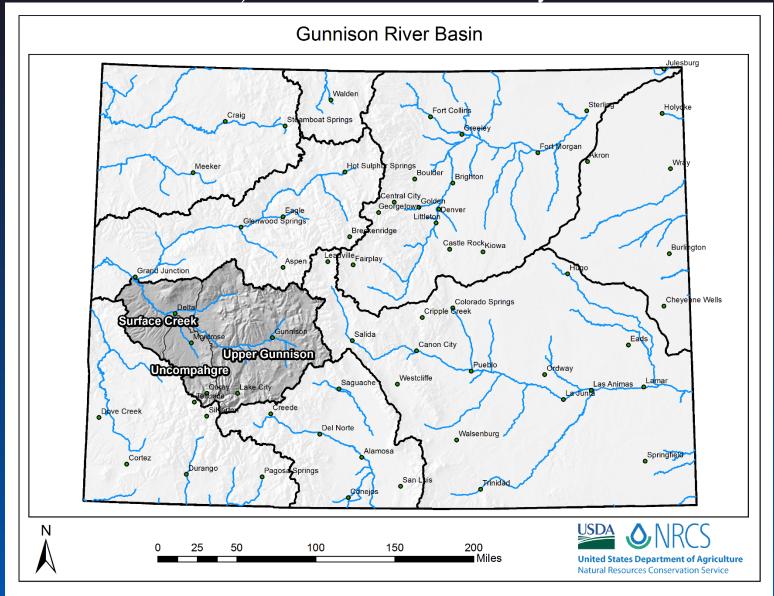




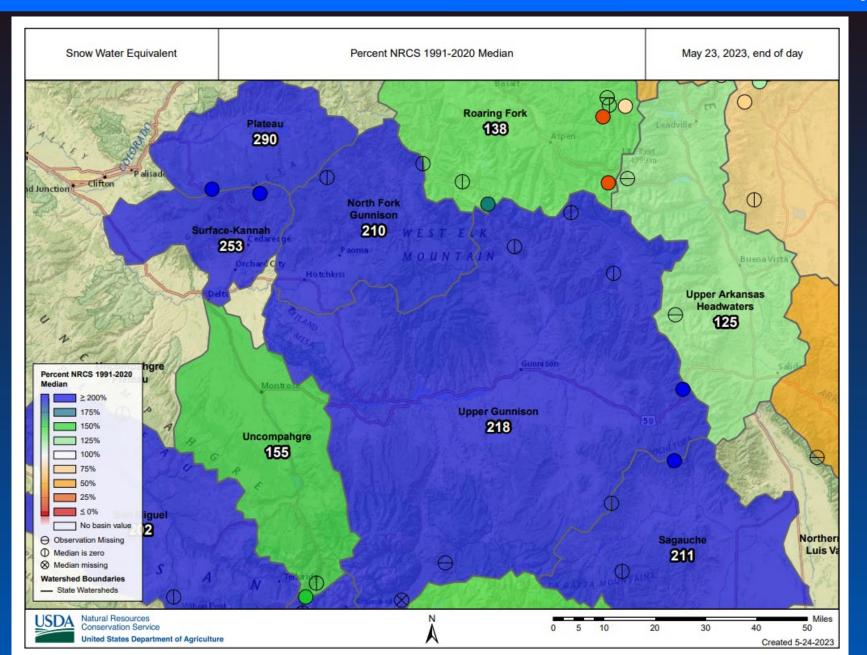
USDA

Colorado Snow Surveys

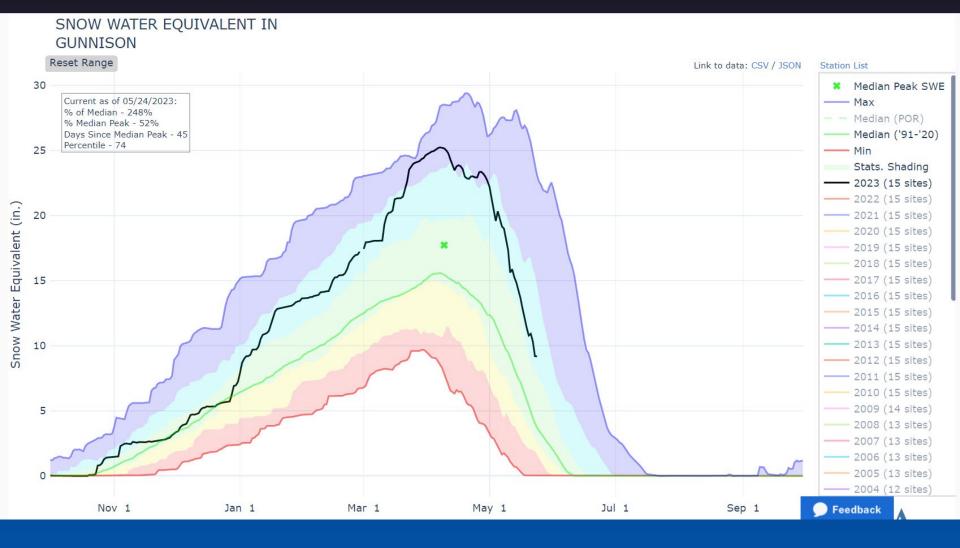
Major Basin Summary



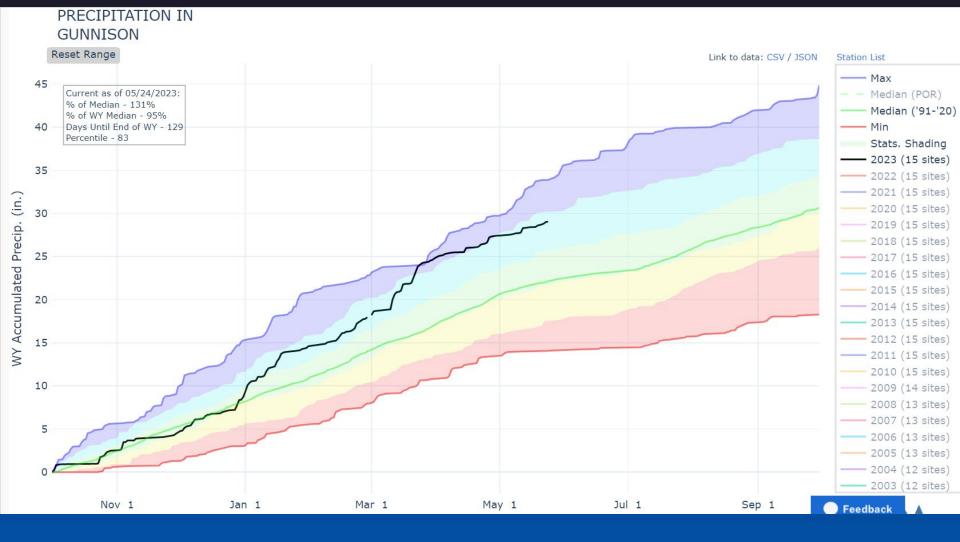






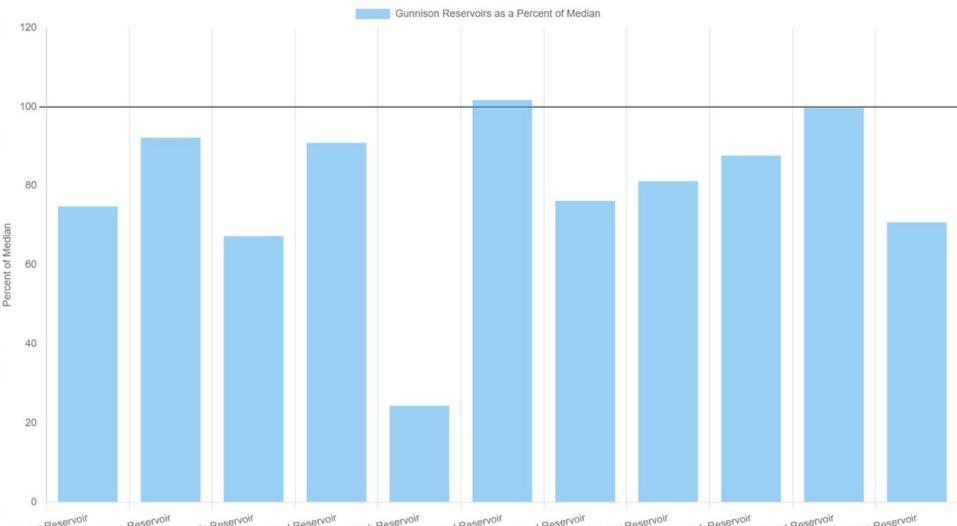








Gunnison Reservoir Storage Summary for May 1st 2023

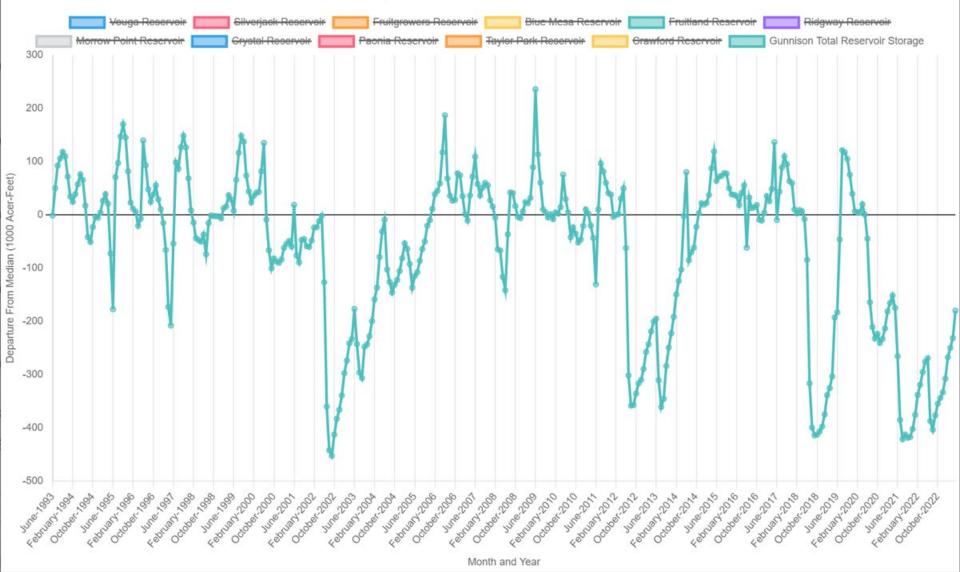


Vouga Reservoir Fruitgrowers Reservoir Paonia Reservoir Paonia Reservoir Fruitland Reservoir Silverjack Reservoir Crystal Reservoir Crystal Reservoir Crystal Reservoir Ridgway Reservoir Ridgway Reservoir Taylor Park Reservoir Blue Mesa Reservoir

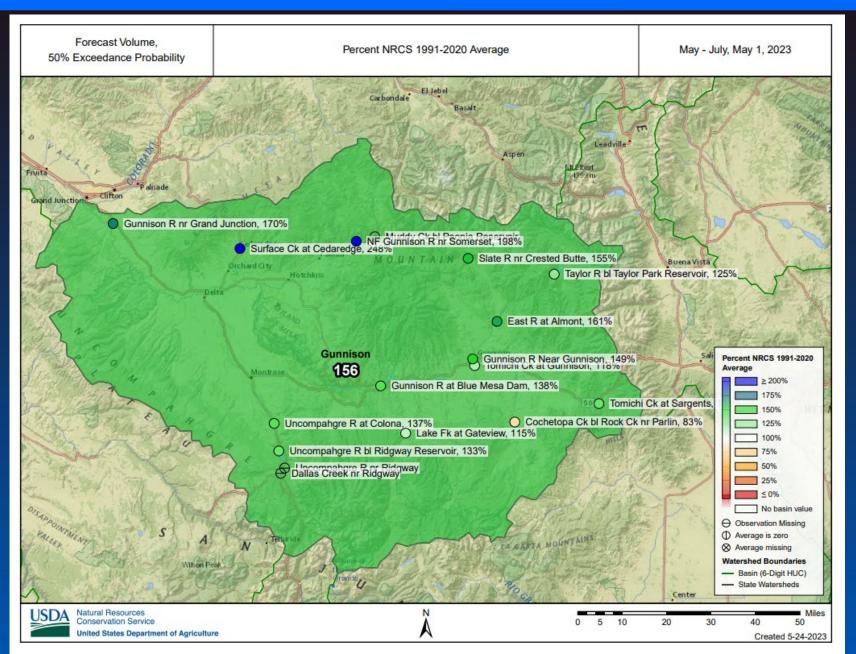
Reservoirs



Gunnison Departure From Median Timeseries Plot





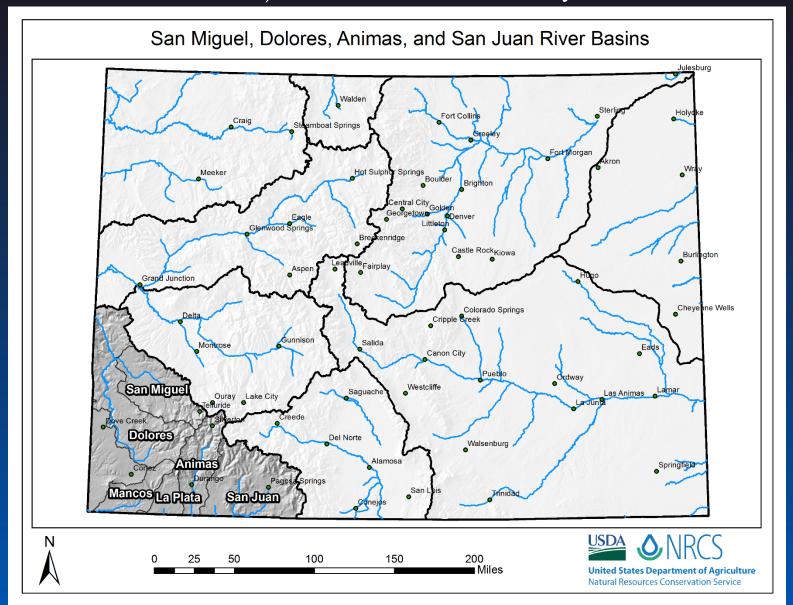


United States Department of Agriculture

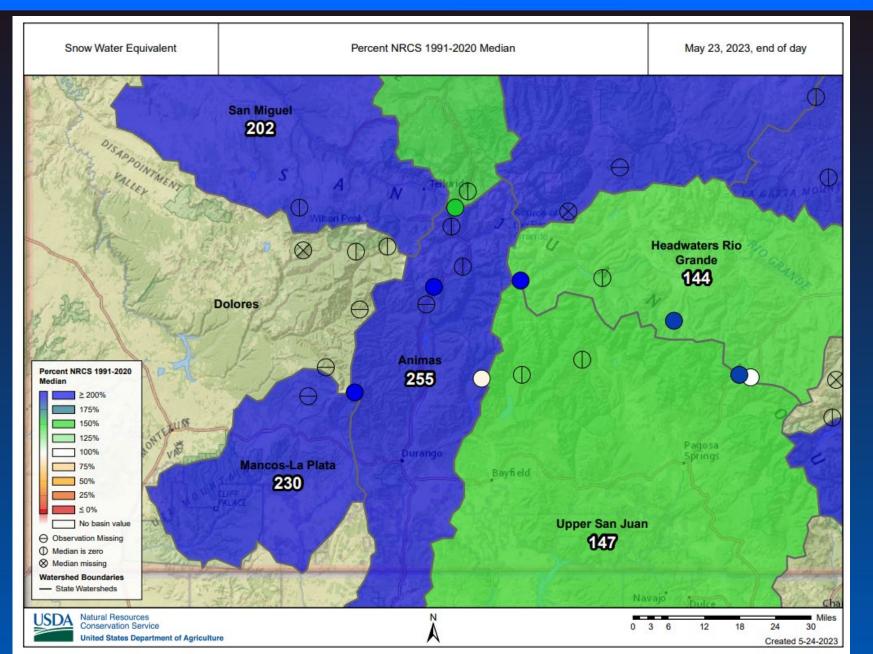
USDA

Colorado Snow Surveys

Major Basin Summary

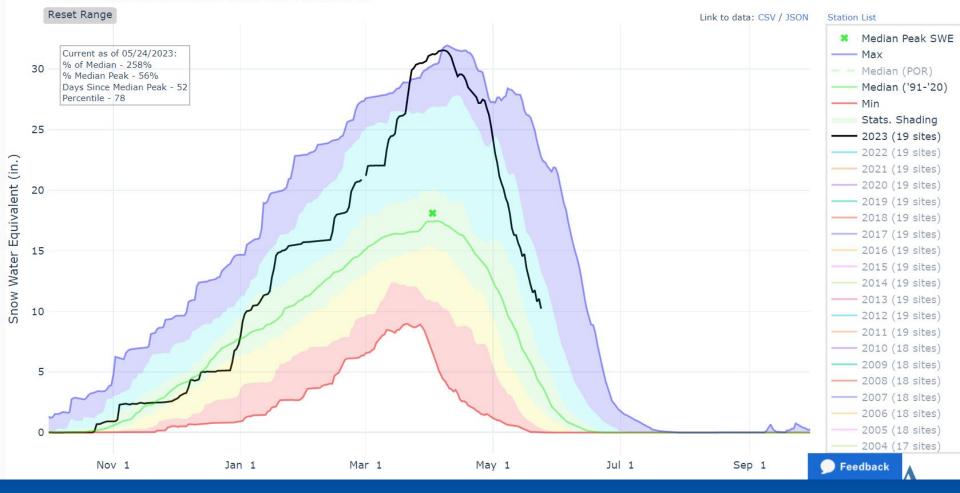






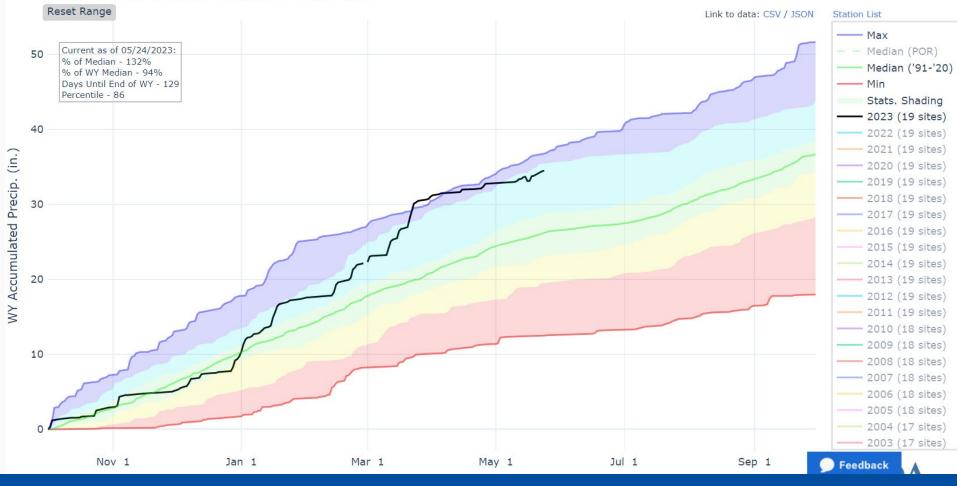


SNOW WATER EQUIVALENT IN SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN



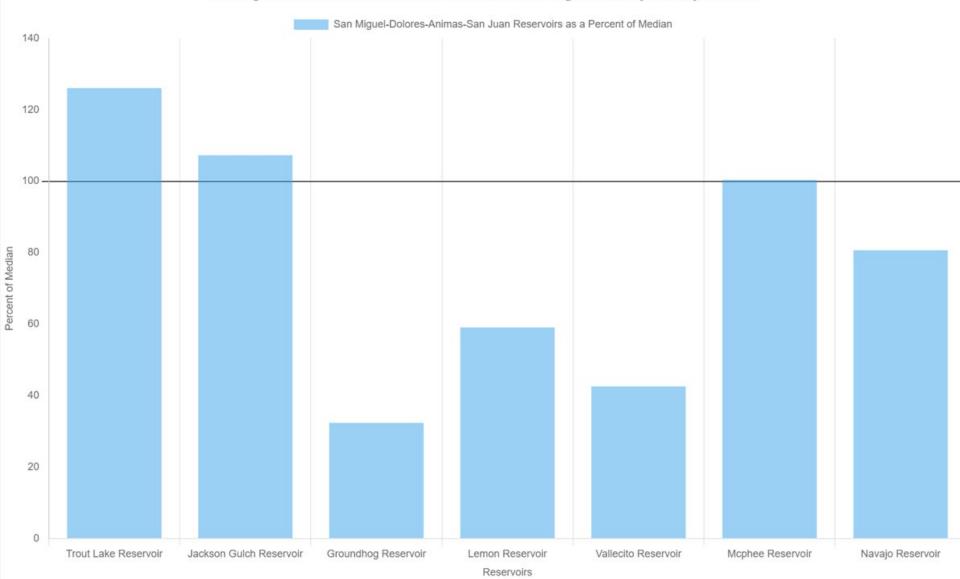


PRECIPITATION IN SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN



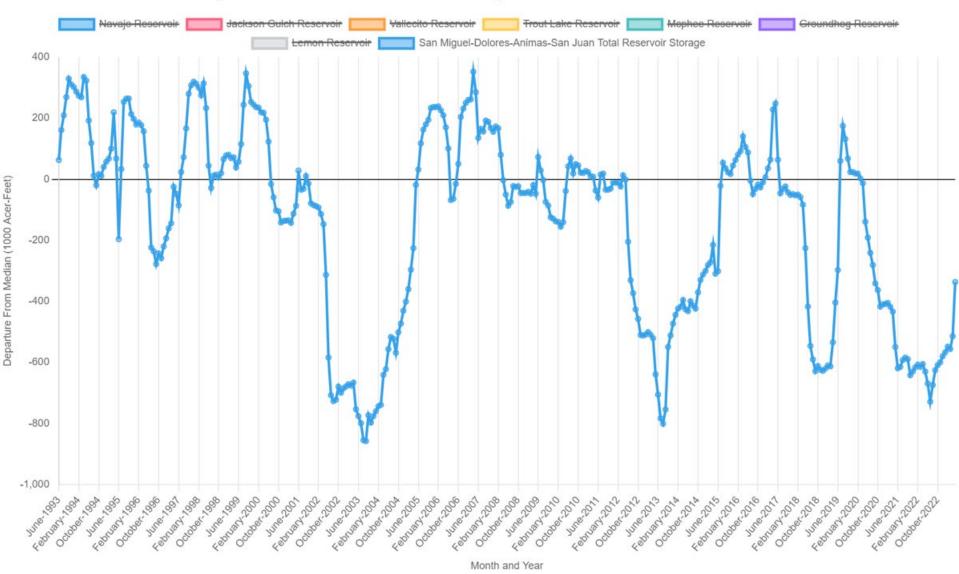


San Miguel-Dolores-Animas-San Juan Reservoir Storage Summary for May 1st 2023

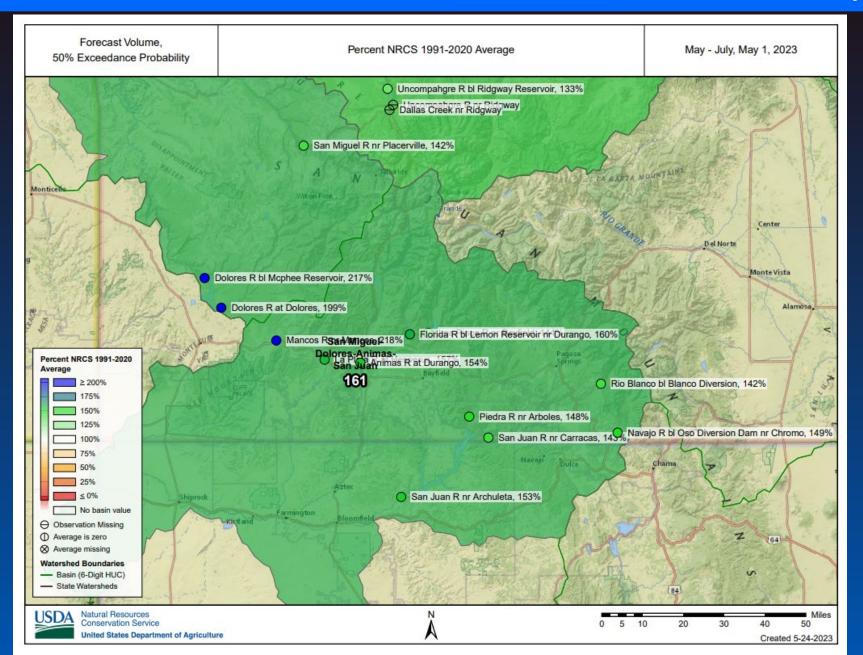




San Miguel-Dolores-Animas-San Juan Departure From Median Timeseries Plot





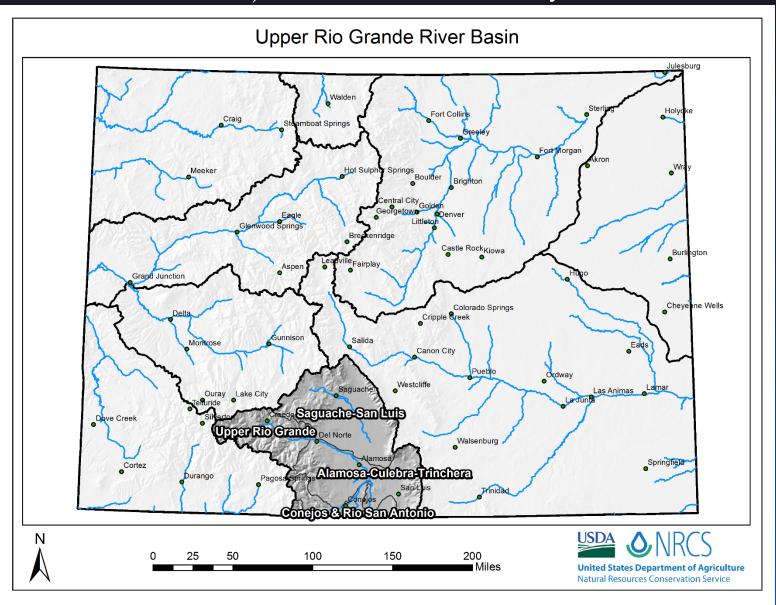




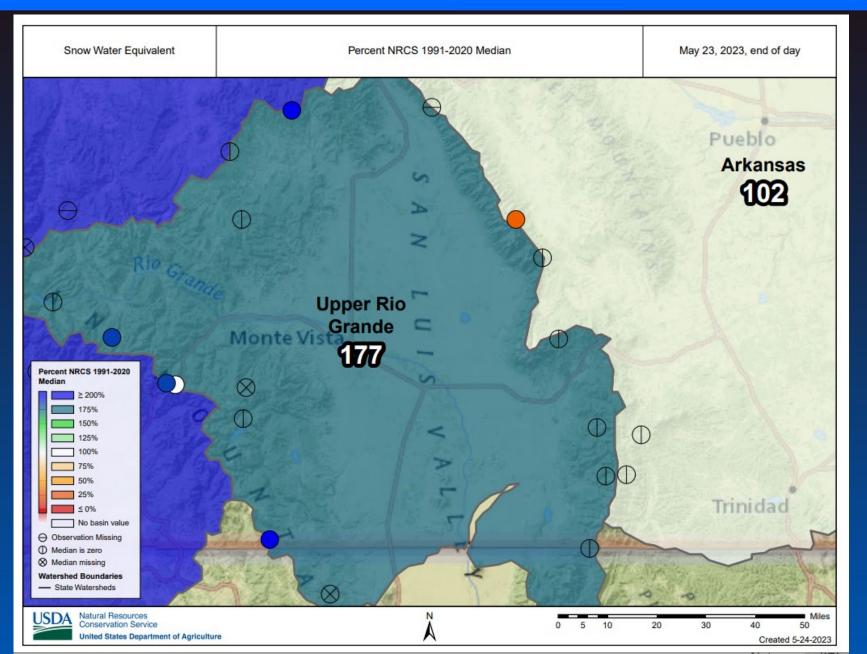
USDA

Colorado Snow Surveys

Major Basin Summary

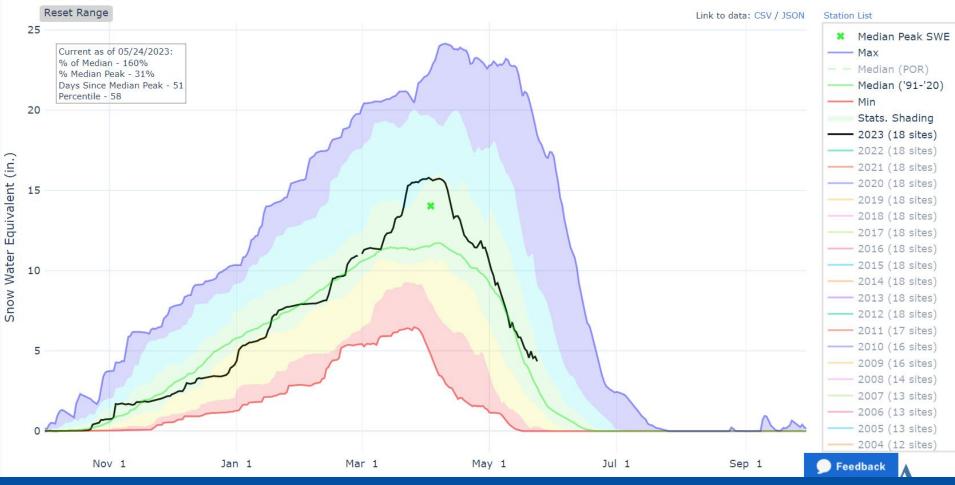








SNOW WATER EQUIVALENT IN UPPER RIO GRANDE



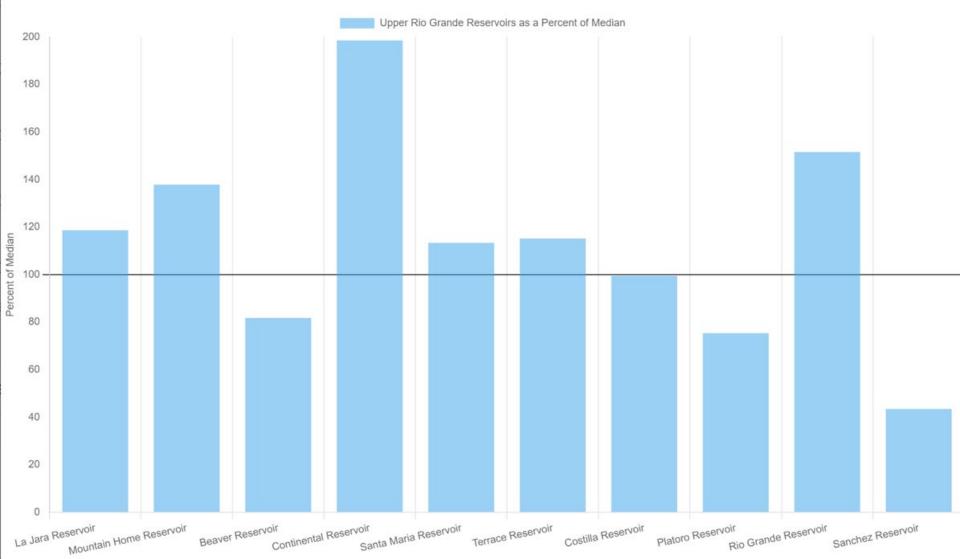


PRECIPITATION IN

UPPER RIO GRANDE Reset Range Link to data: CSV / JSON Station List 45 Max Current as of 05/24/2023: Median (POR) % of Median - 106% Median ('91-'20) 40 % of WY Median - 73% Days Until End of WY - 129 Min Percentile - 52 Stats. Shading 2023 (18 sites) 35 2022 (18 sites) 2021 (18 sites) WY Accumulated Precip. (in.) 30 2020 (18 sites) 2019 (18 sites) 2018 (18 sites) 25 2017 (18 sites) 2016 (18 sites) 2015 (18 sites) 20 2014 (18 sites) 2013 (18 sites) 15 2012 (18 sites) 2011 (18 sites) 2010 (17 sites) 10 2009 (17 sites) 2008 (15 sites) 2007 (14 sites) 5 2006 (14 sites) 2005 (14 sites) 2004 (12 sites) 0 2003 (12 sites) Jul 1 Nov 1 Jan 1 Mar 1 May 1 Sep 1 Feedback



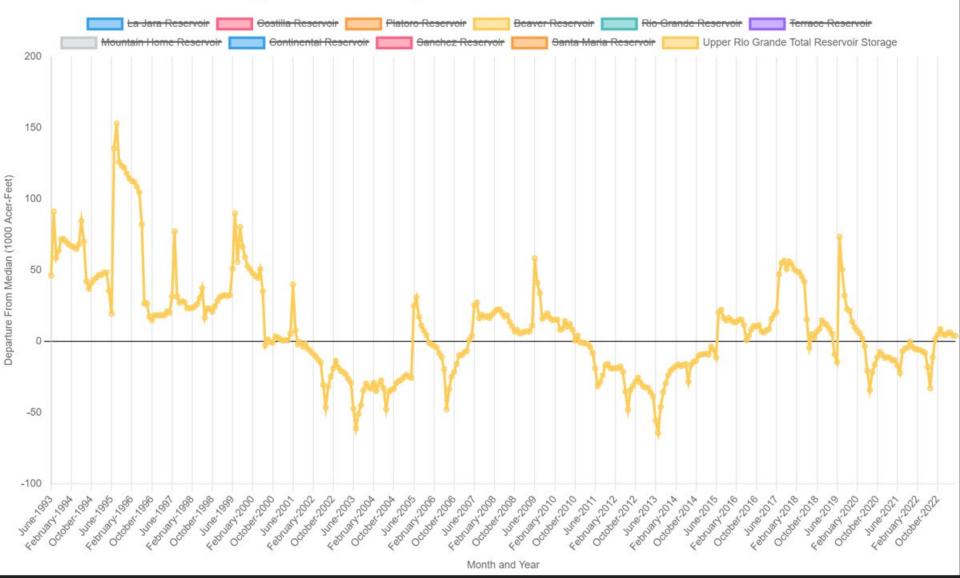
Upper Rio Grande Reservoir Storage Summary for May 1st 2023



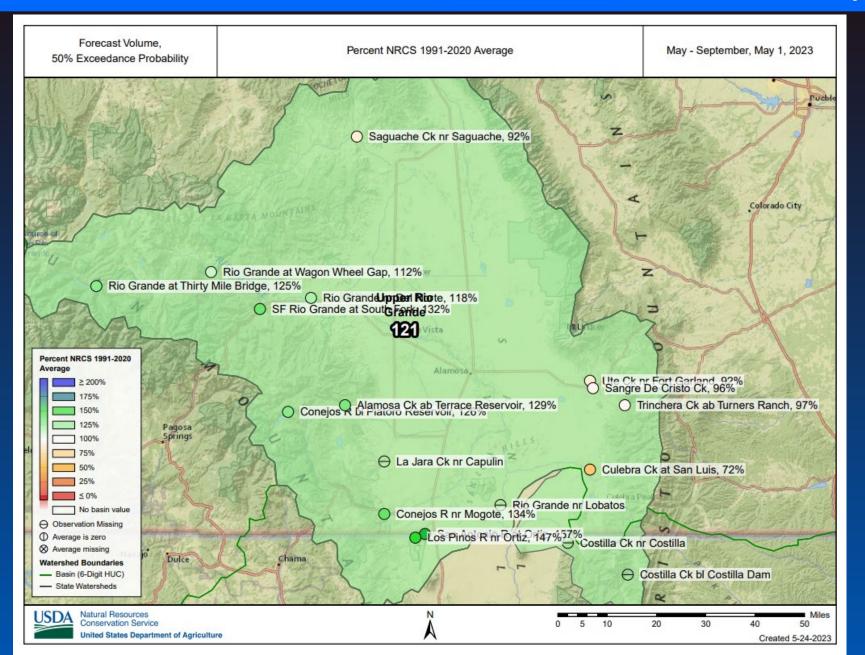
Reservoirs



Upper Rio Grande Departure From Median Timeseries Plot





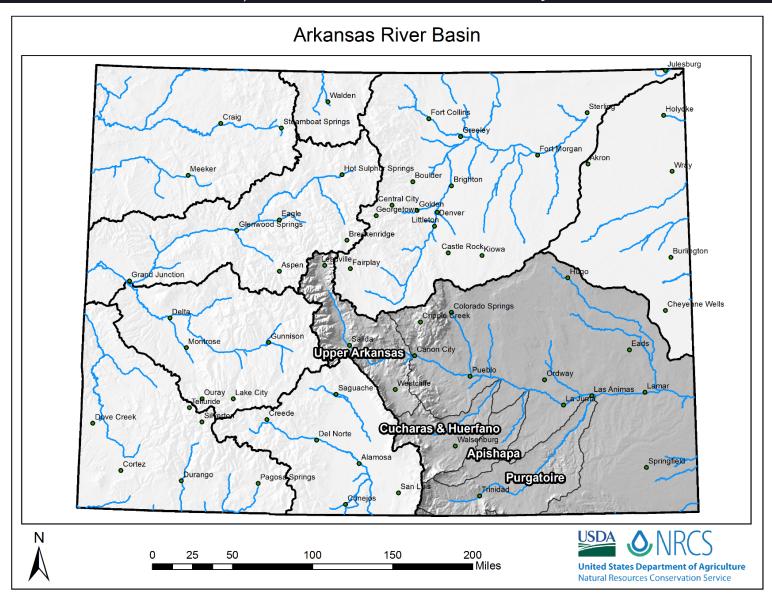




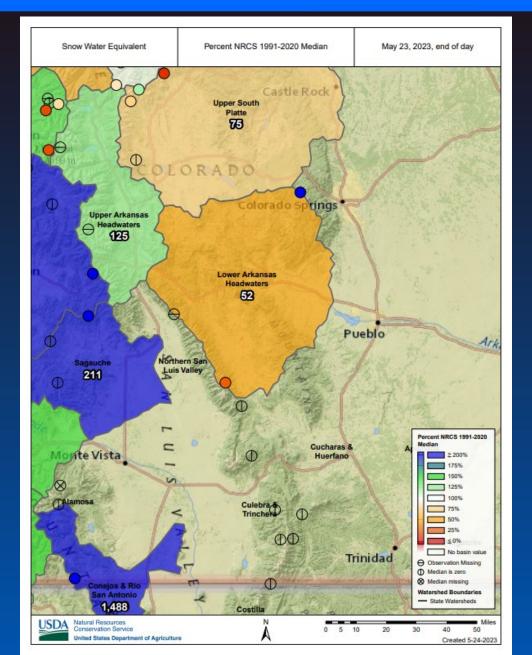
USDA

Colorado Snow Surveys

Major Basin Summary

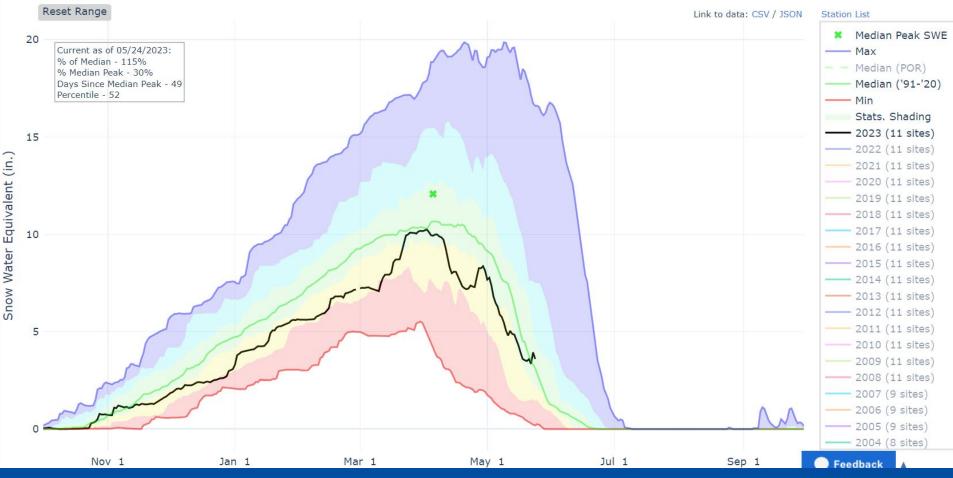




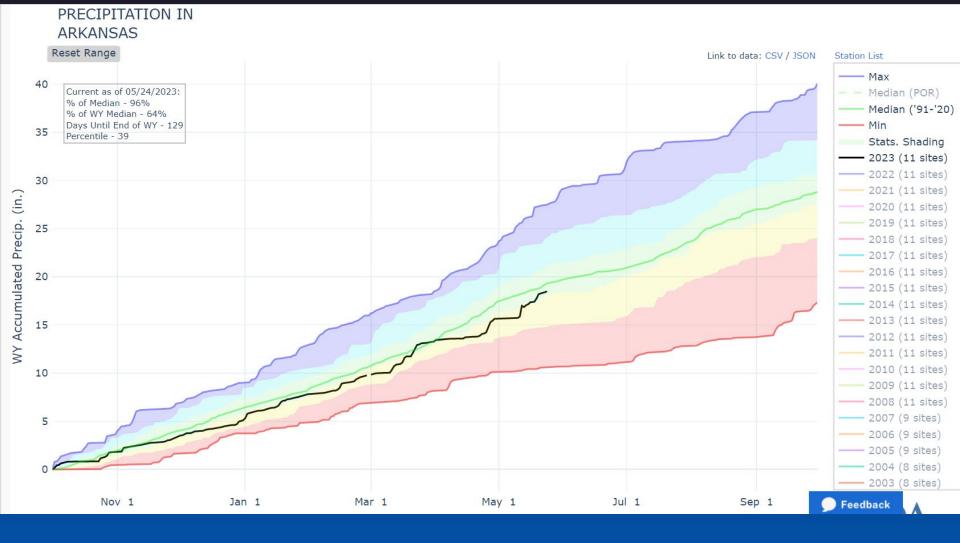




SNOW WATER EQUIVALENT IN ARKANSAS

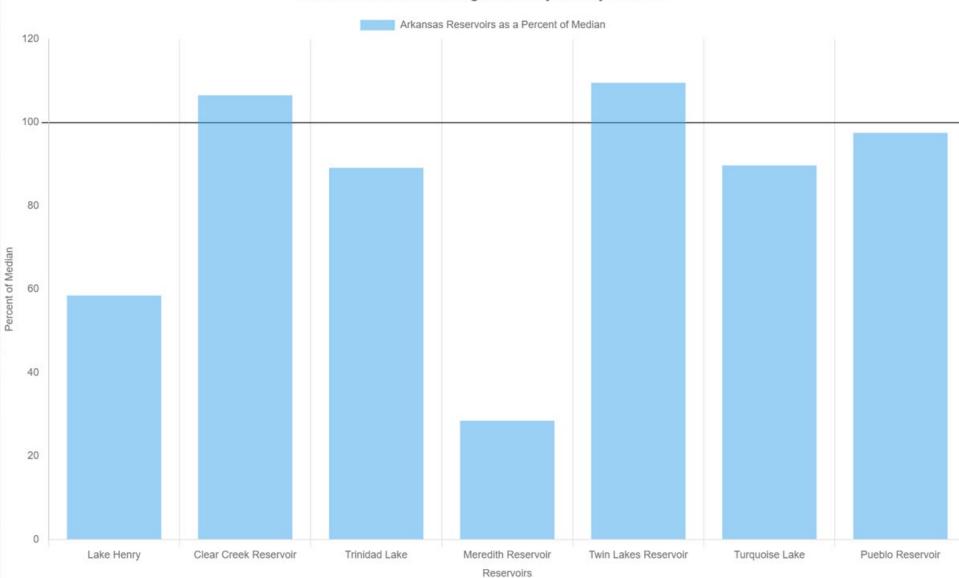






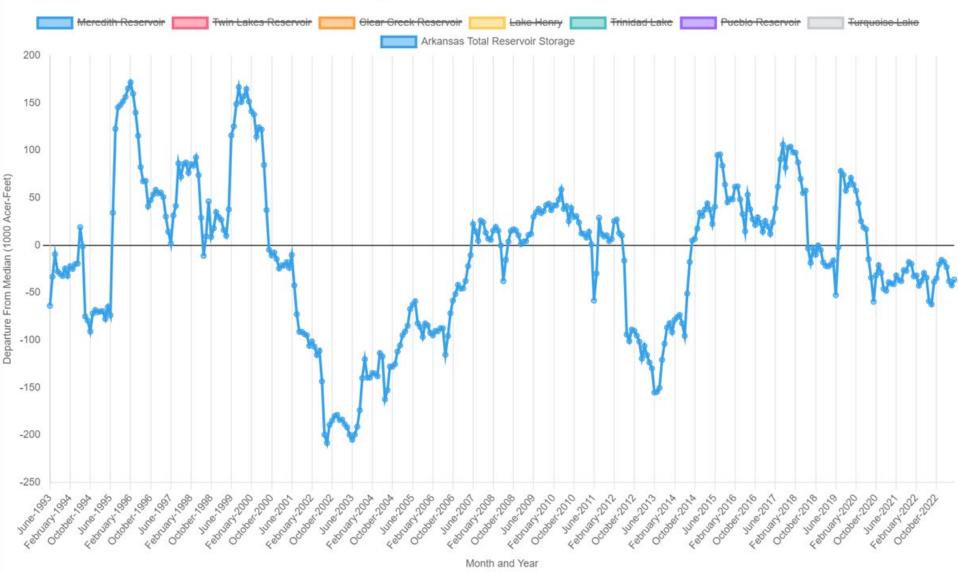


Arkansas Reservoir Storage Summary for May 1st 2023

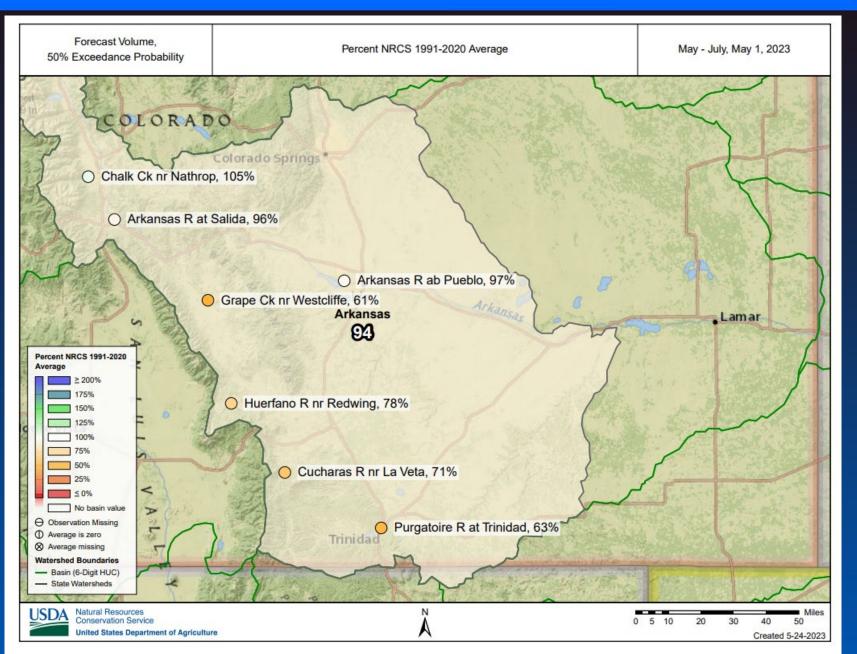




Arkansas Departure From Median Timeseries Plot

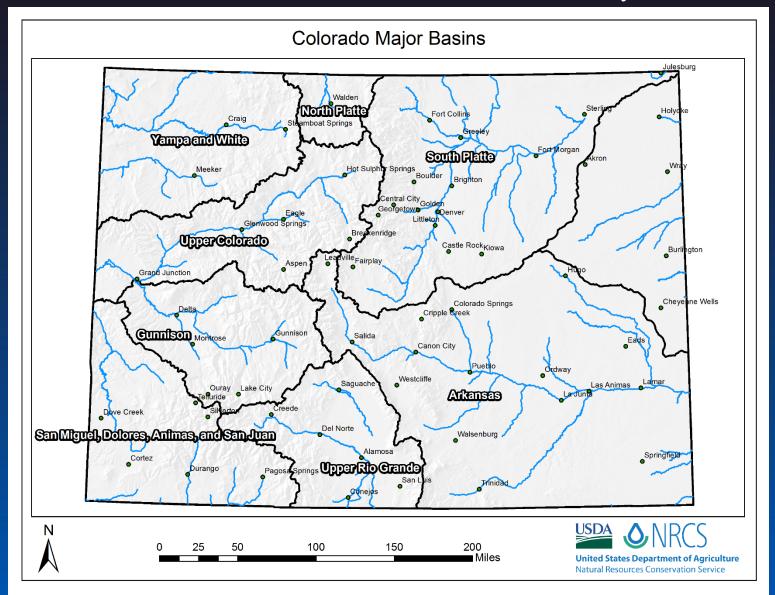




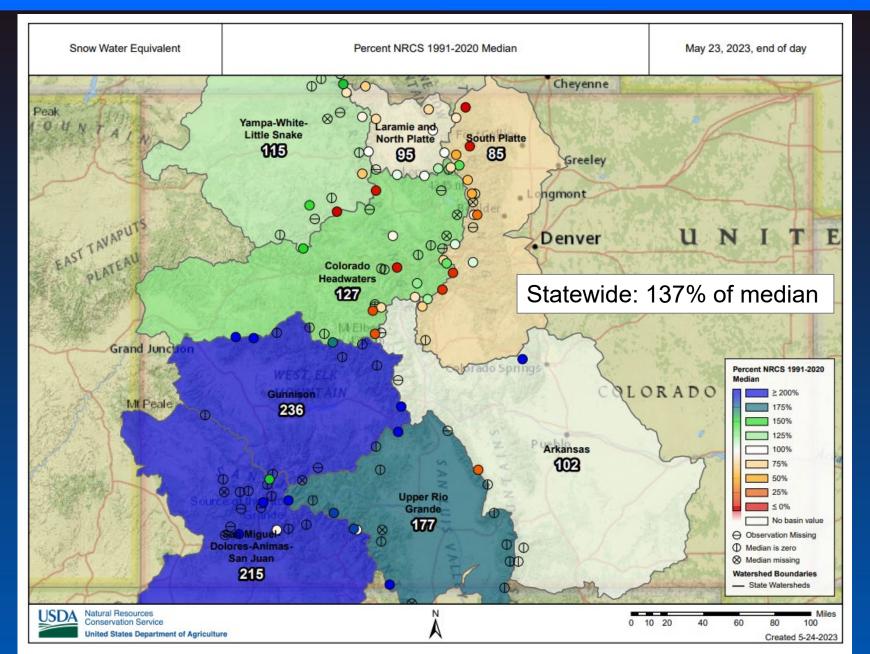




Colorado Statewide Summary

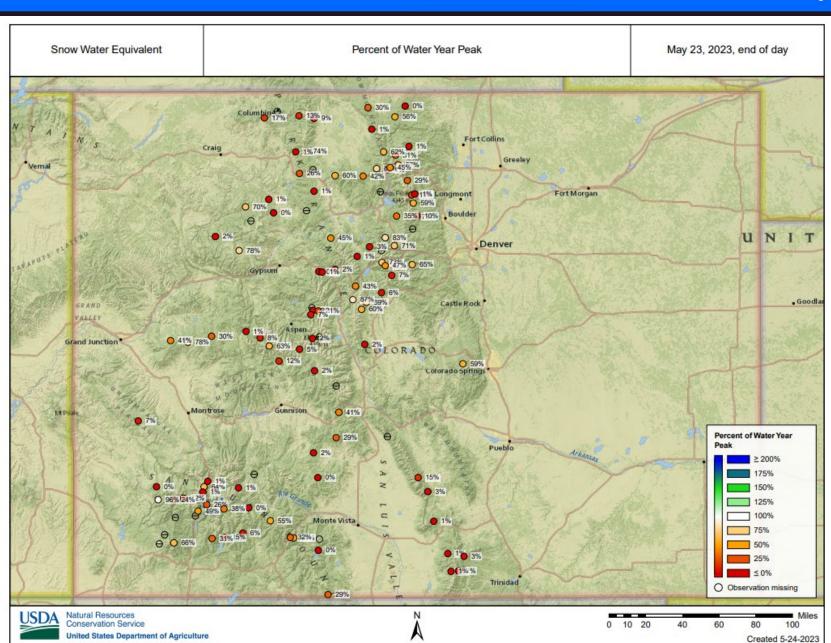




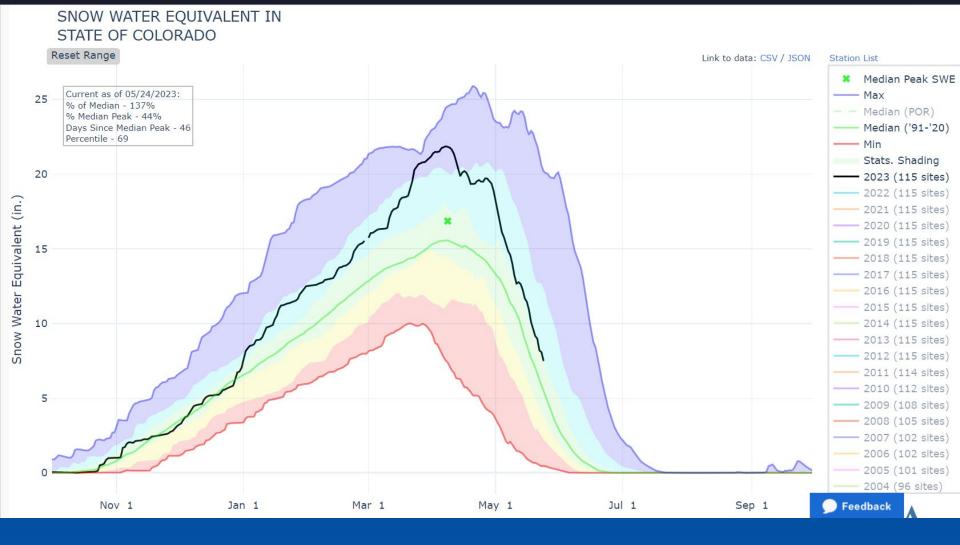


Snowpack

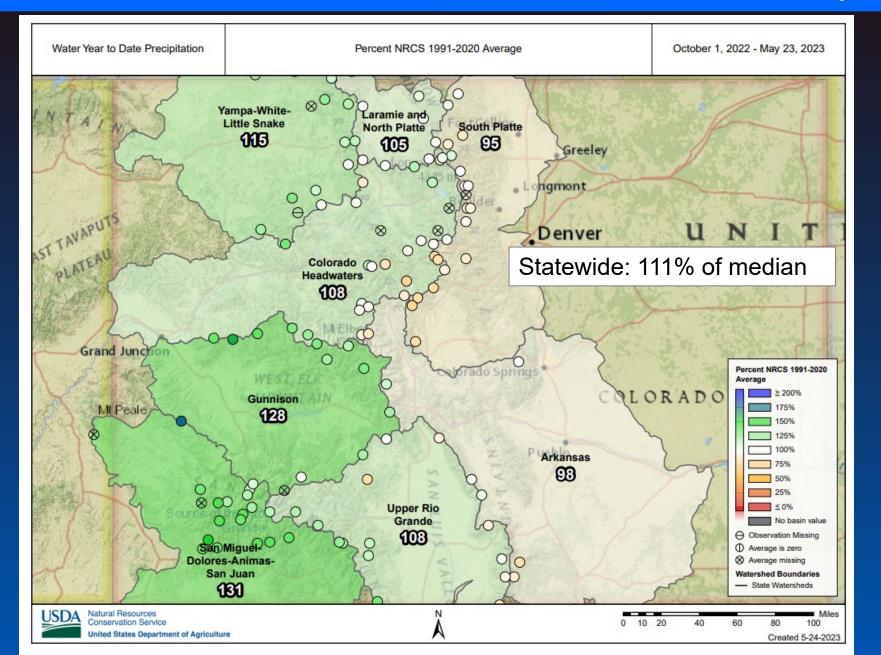




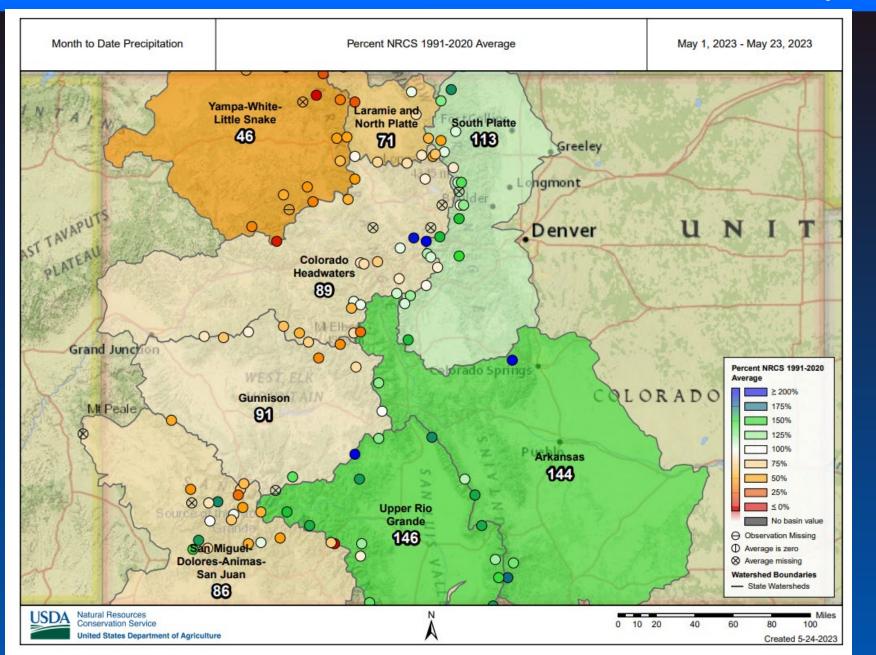






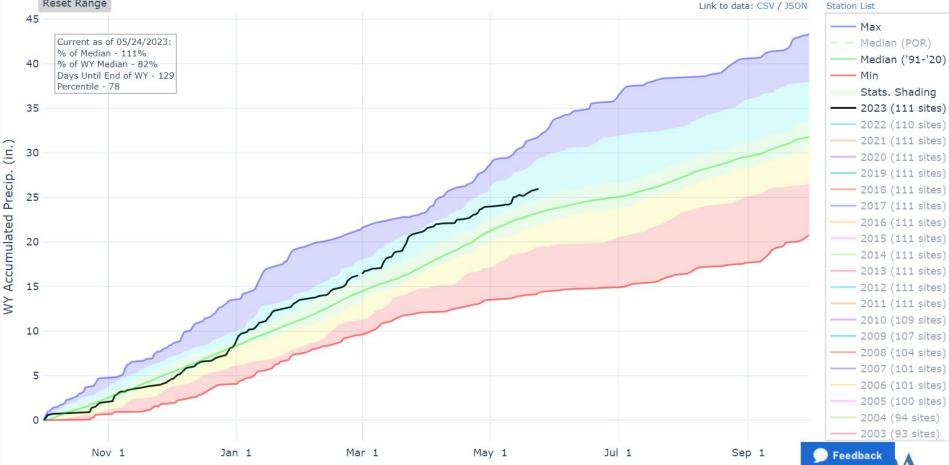




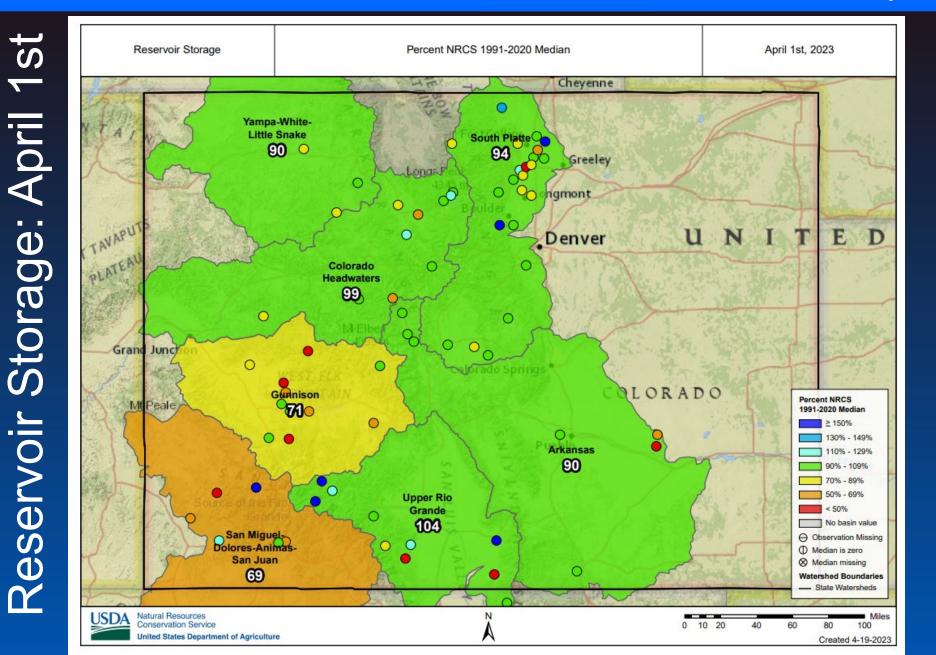




PRECIPITATION IN STATE OF COLORADO **Reset Range** 45 Current as of 05/24/2023: % of Median - 111% 40 % of WY Median - 82% Days Until End of WY - 129 Percentile - 78 35 Accumulated Precip. (in.) 30 25 20

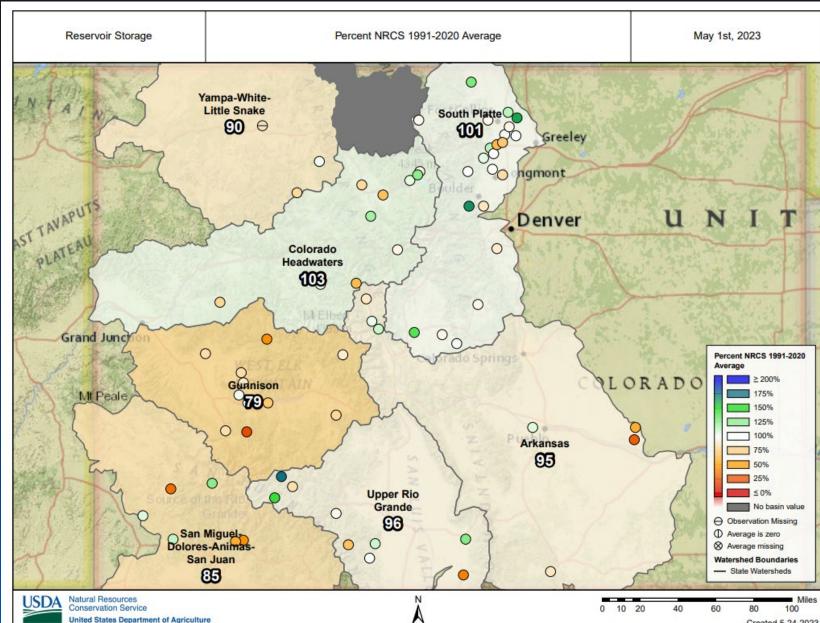






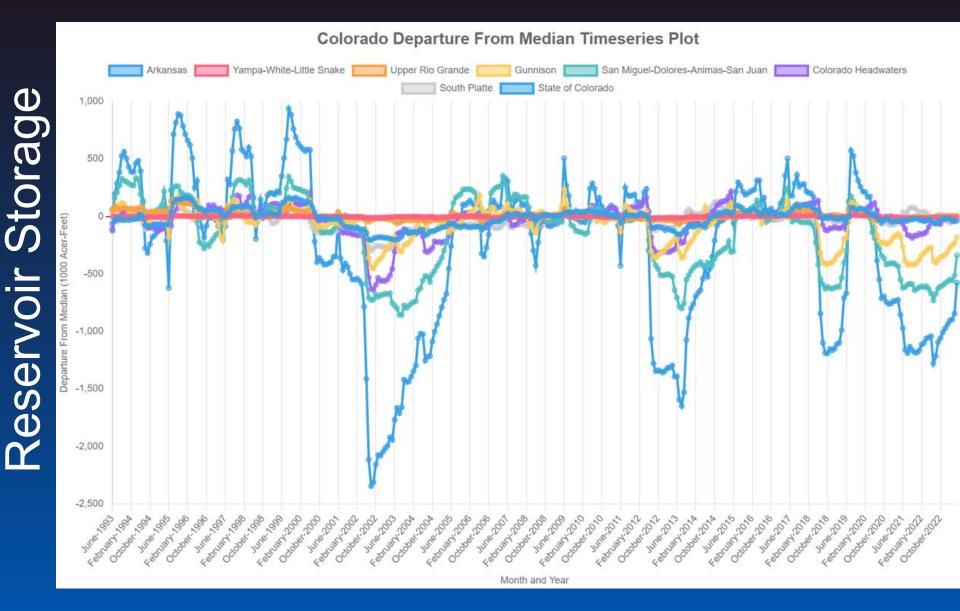






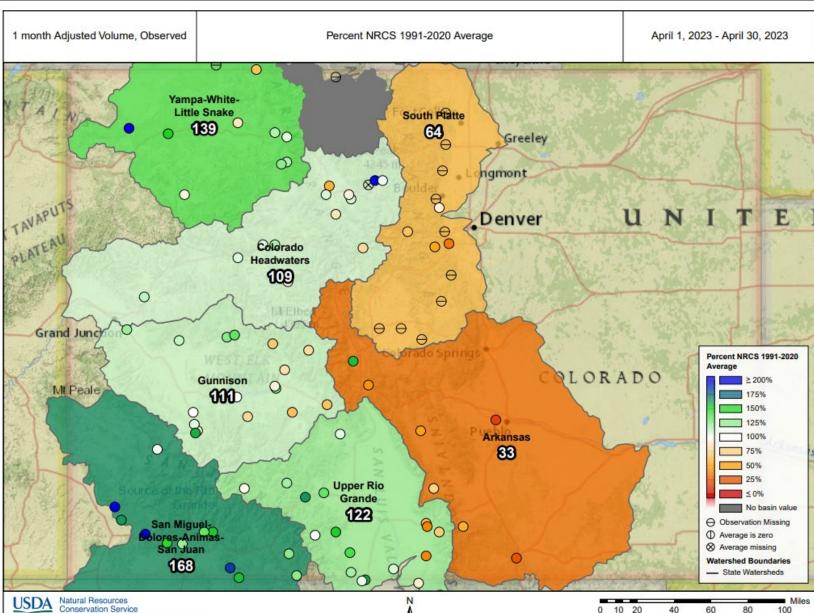
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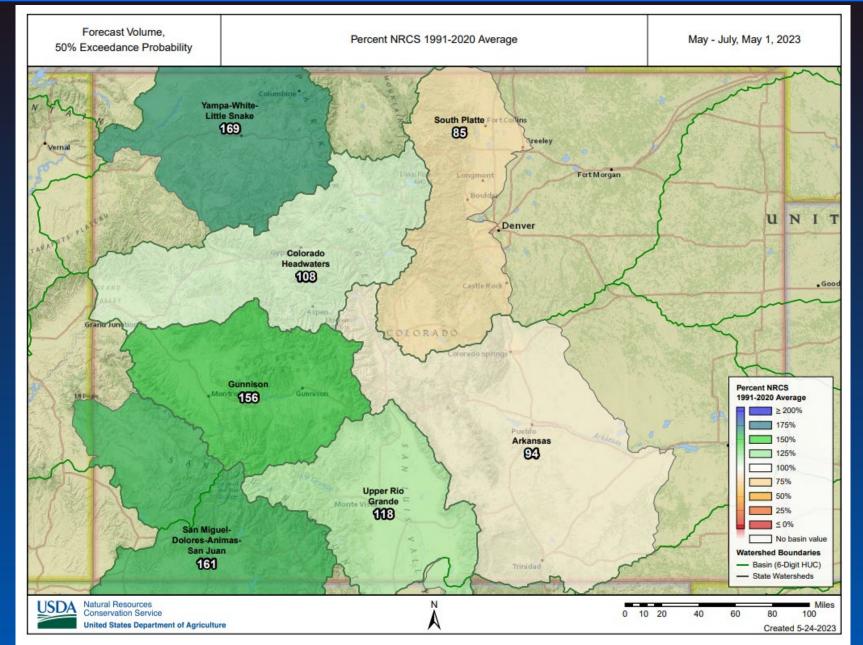




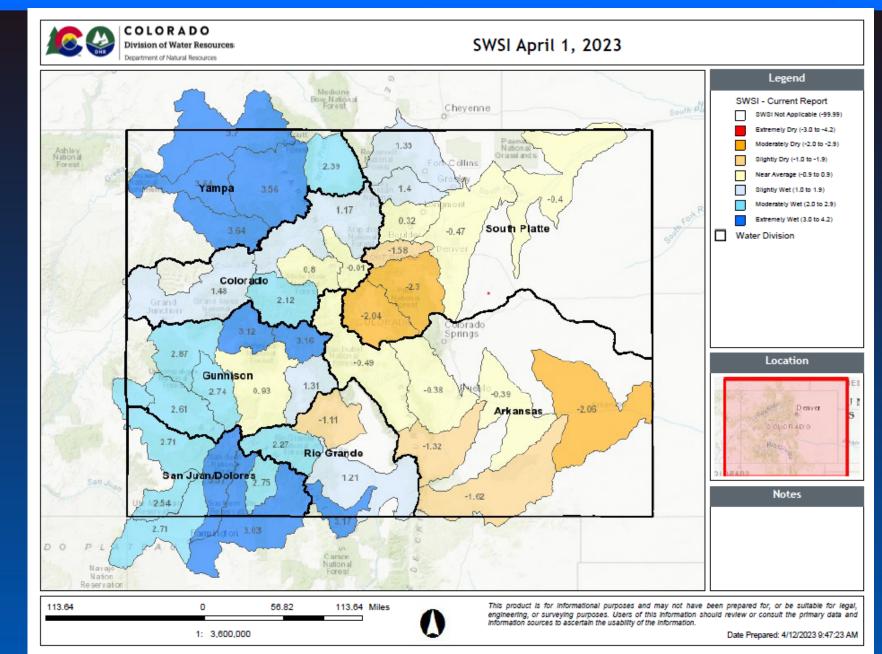
United States Department of Agriculture



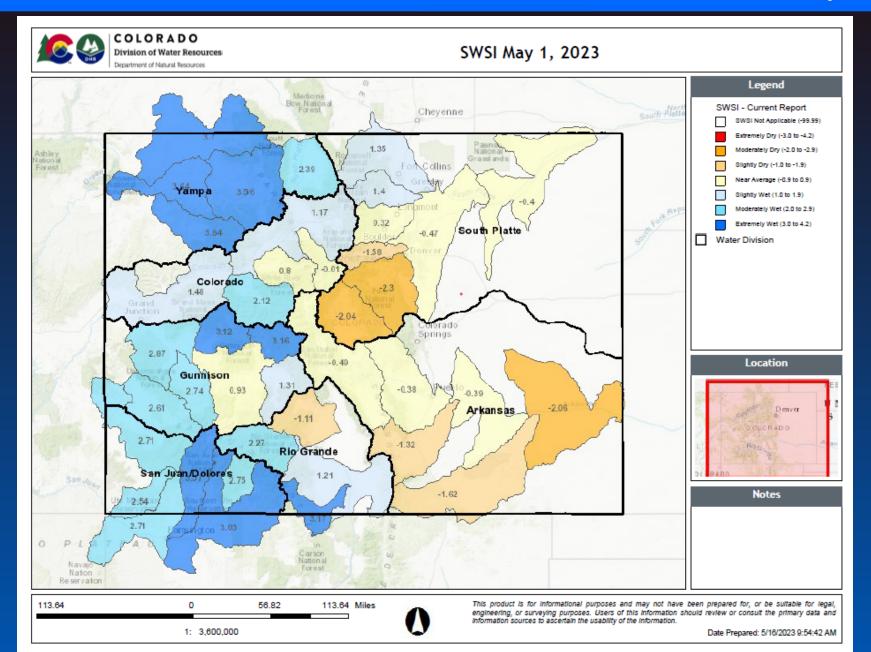












USDA

Summary

•Snowmelt is progressing quickly across the state. On average snowpack at Colorado SNOTEL sites is down to about 25 percent of their respective peak values.

•Water Year to date precipitation is near to well above normal in all major basins of Colorado.

• May to date precipitation has favored basins east of the Continental Divide

•April observed streamflow volumes were well above normal across the Western Slope and the Rio Grande. This pattern is forecast to persist for the coming months as well.

•Reservoir storage volumes are swiftly increasing across the Western Slope where they have been the lowest in the state. June 1st values are anticipated to show considerable increases over the previous month.



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