

Water Availability Task Force Meeting January 18th, 2023

NRCS Snow Survey and Water Supply Forecasting Program

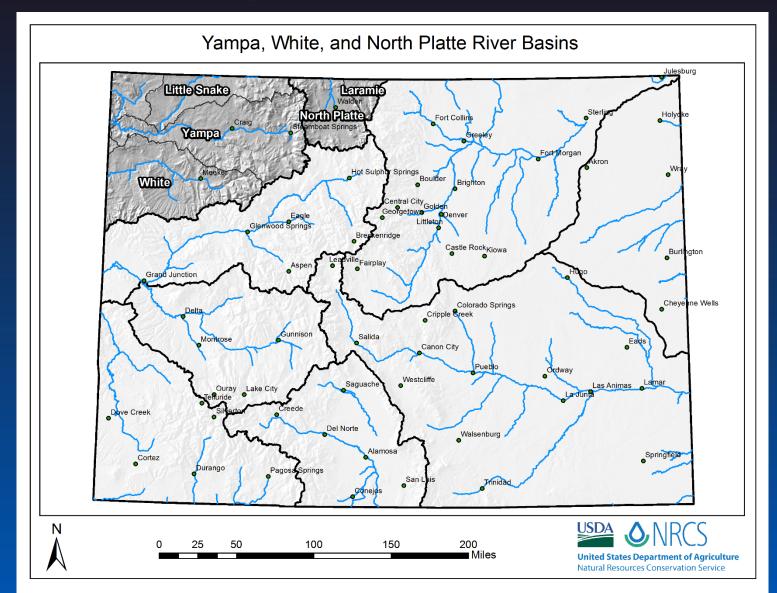
Karl Wetlaufer Hydrologist Karl.Wetlaufer@usda.gov 720-544-2853 http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/



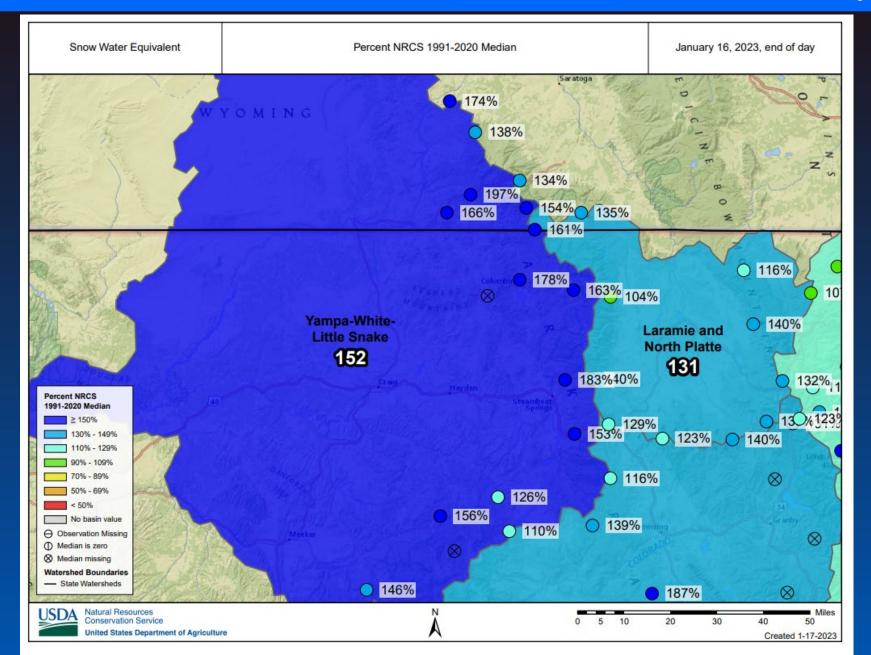
USDA

Colorado Snow Surveys

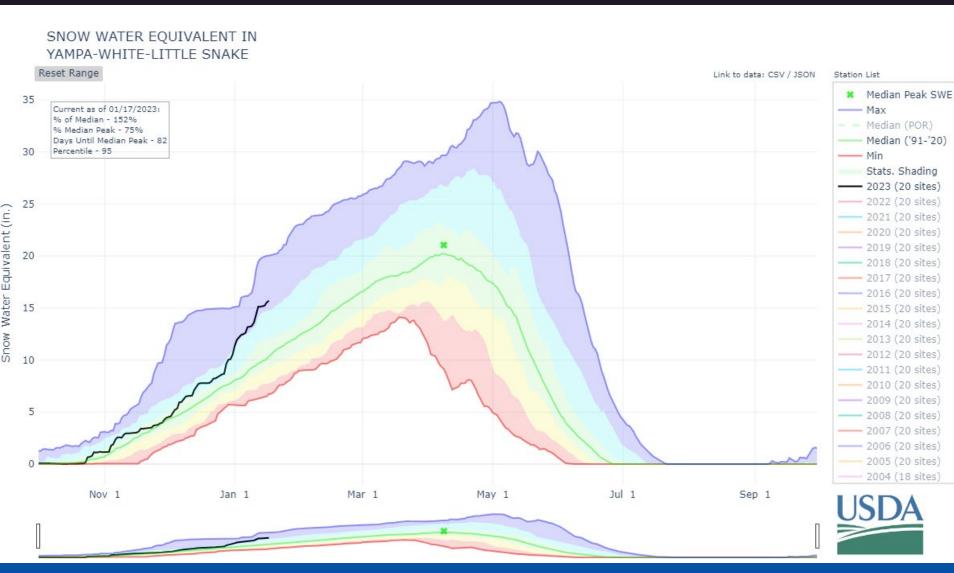
Major Basin Summary



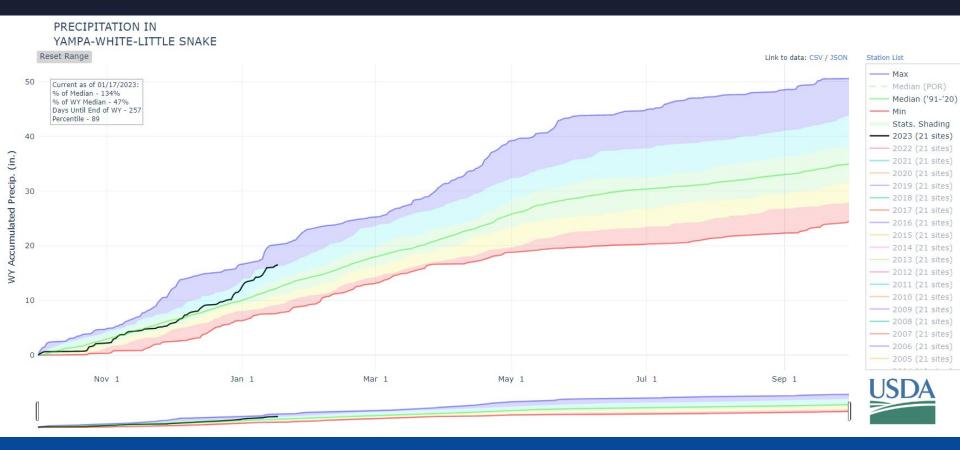




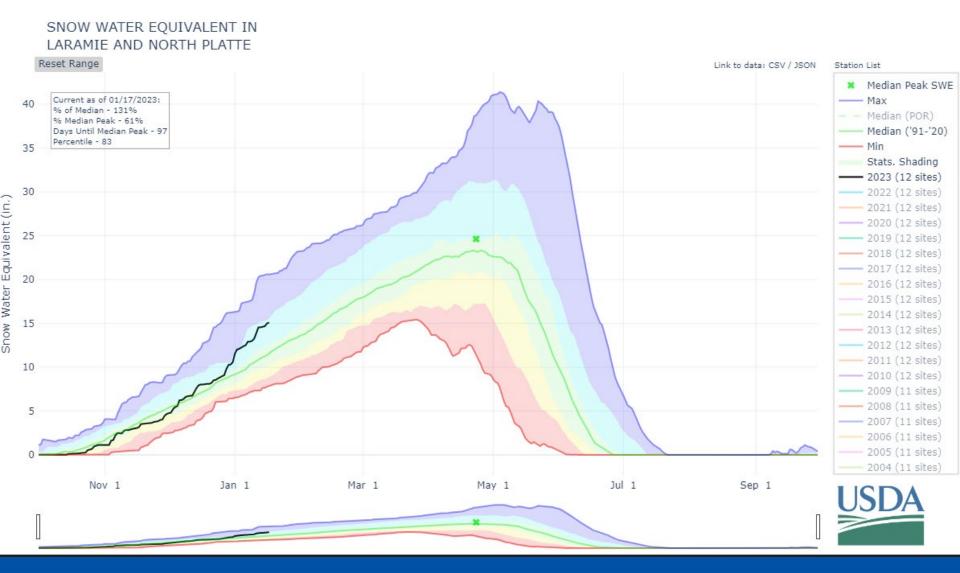




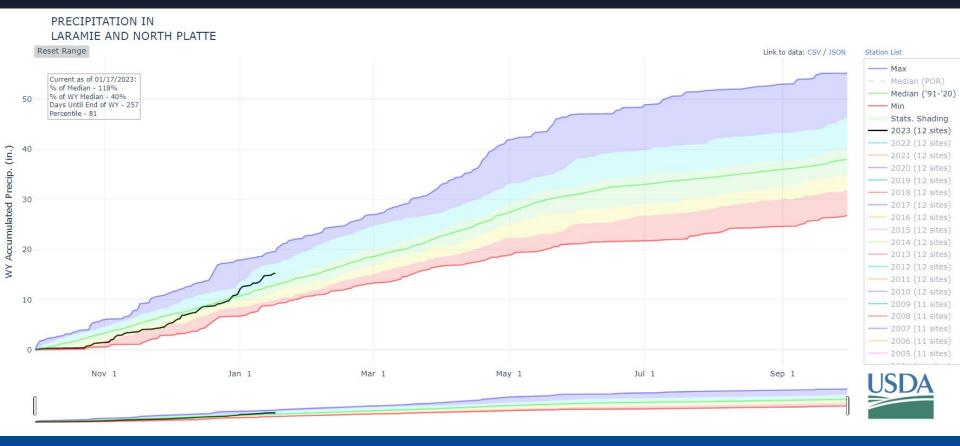




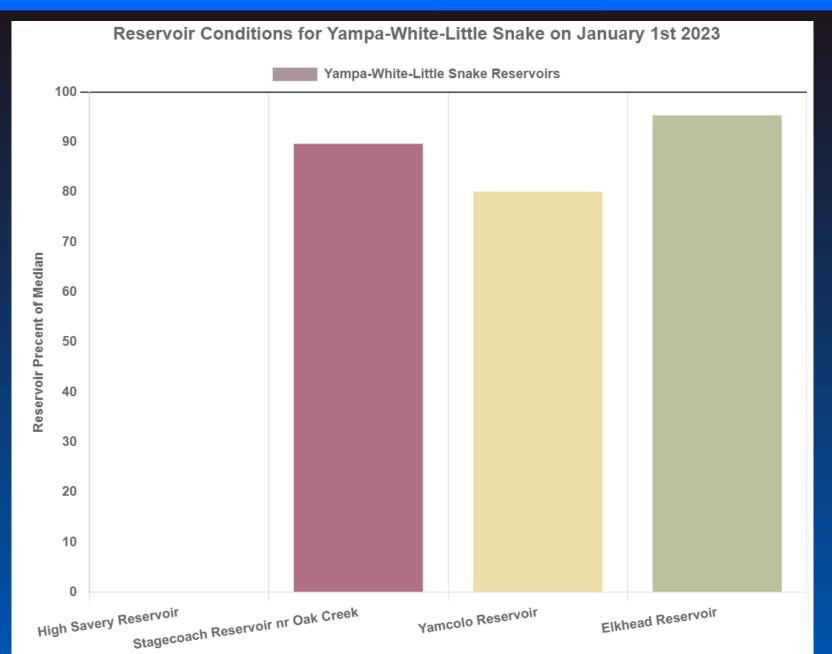








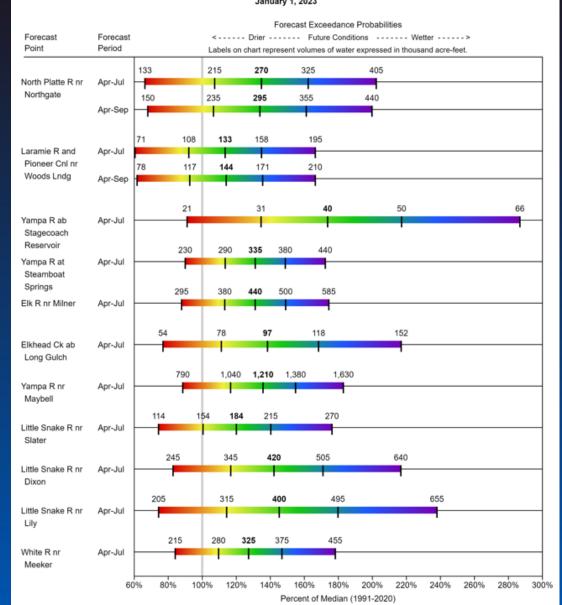




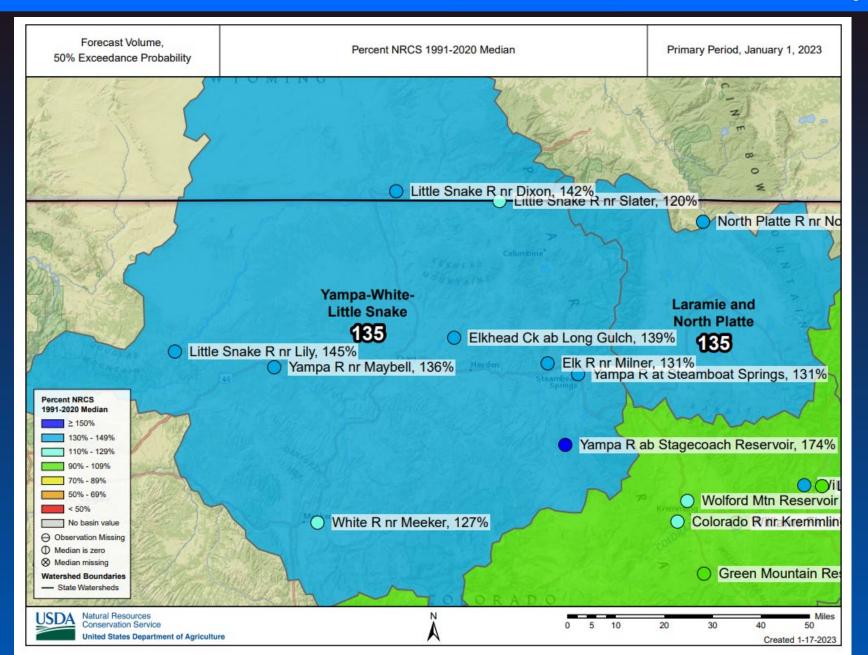
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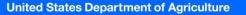
Colorado Snow Surveys

YAMPA-WHITE-NORTH PLATTE RIVER BASINS Water Supply Forecasts January 1, 2023





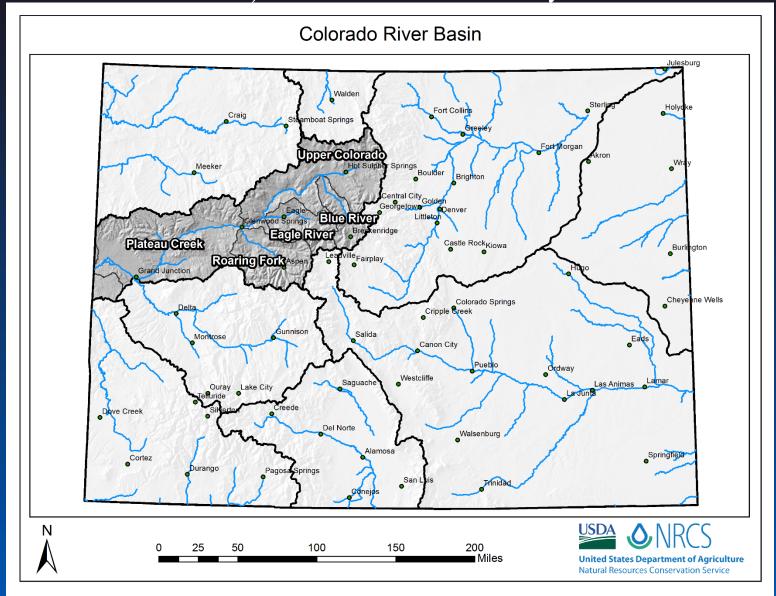




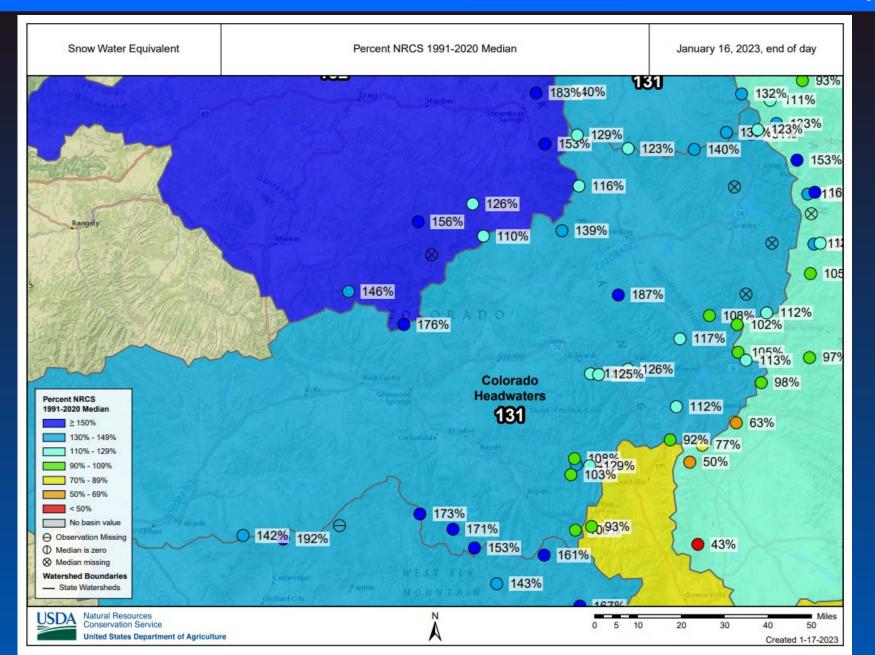
USDA

Colorado Snow Surveys

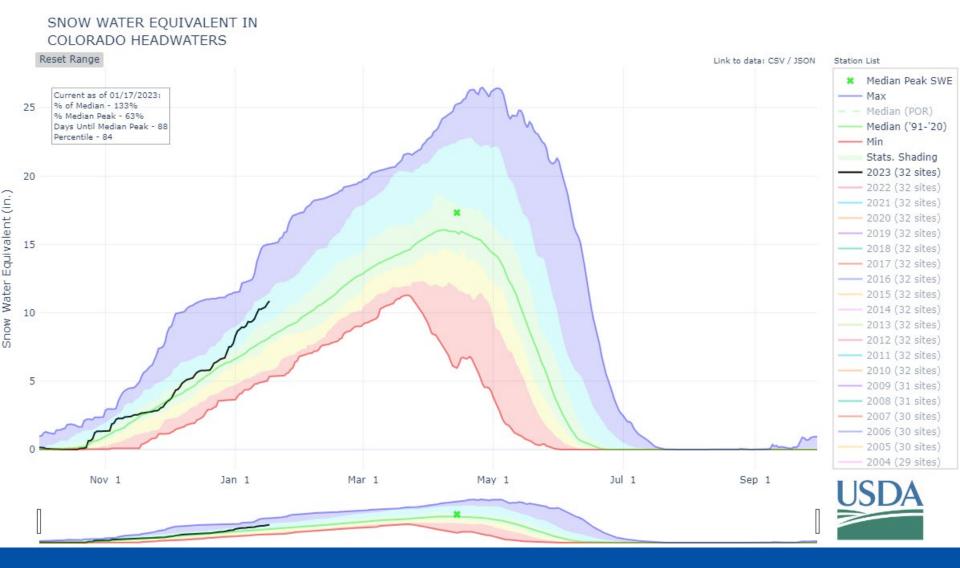
Major Basin Summary



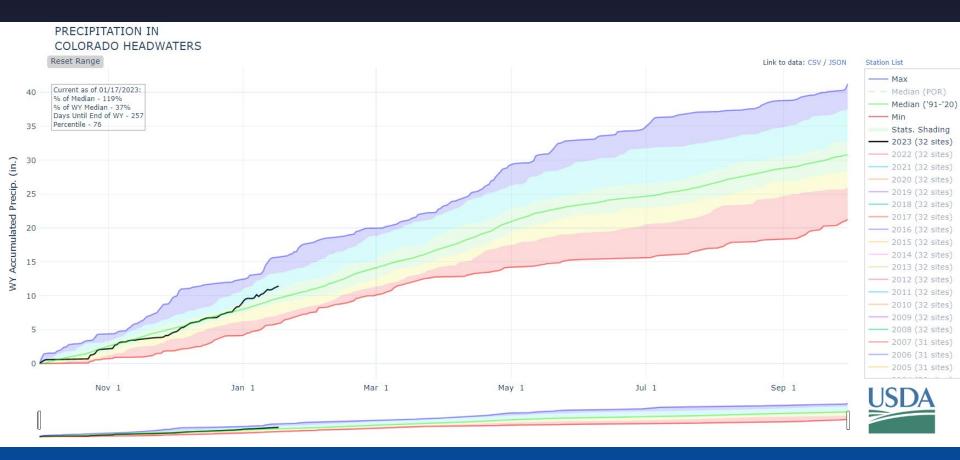






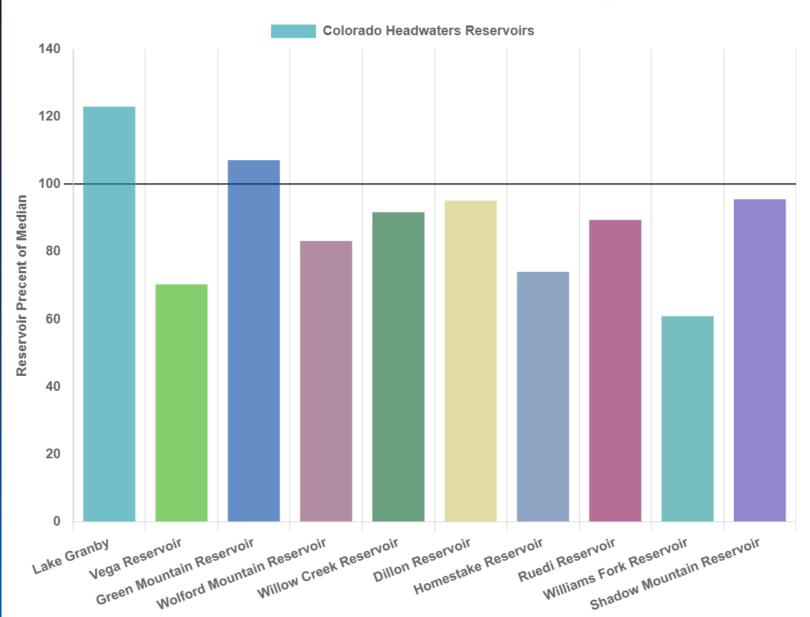






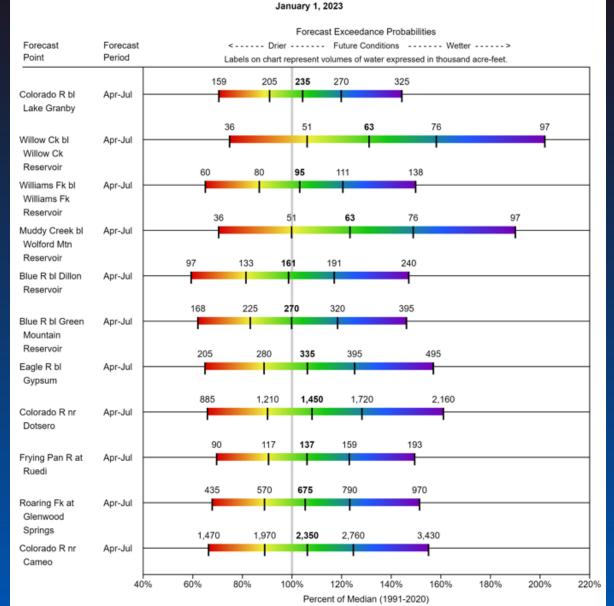


Reservoir Conditions for Colorado Headwaters on January 1st 2023

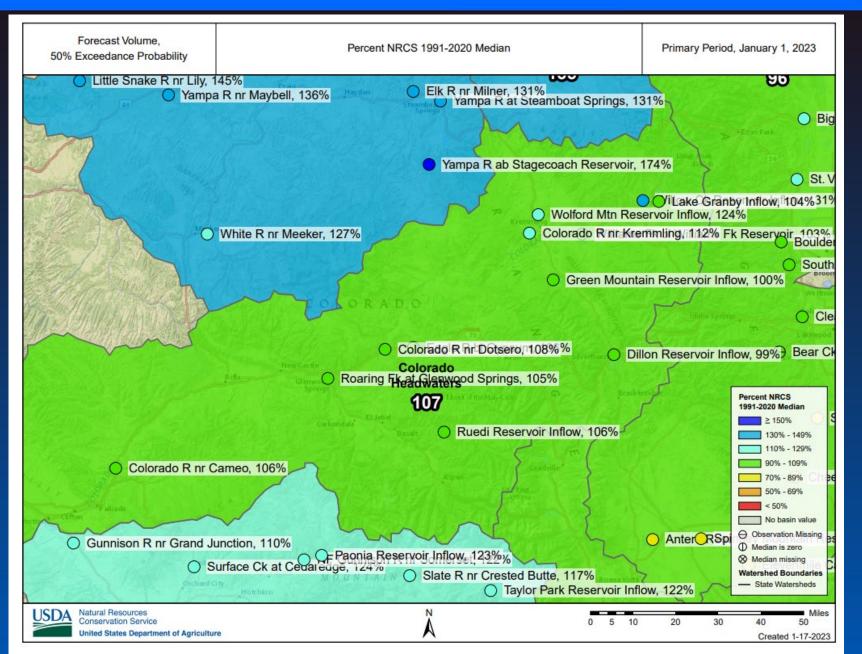




UPPER COLORADO RIVER BASIN Water Supply Forecasts





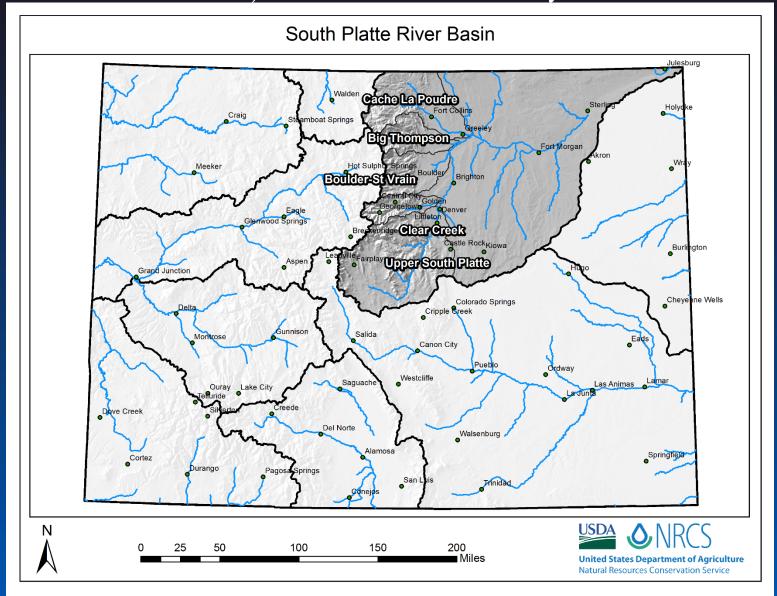


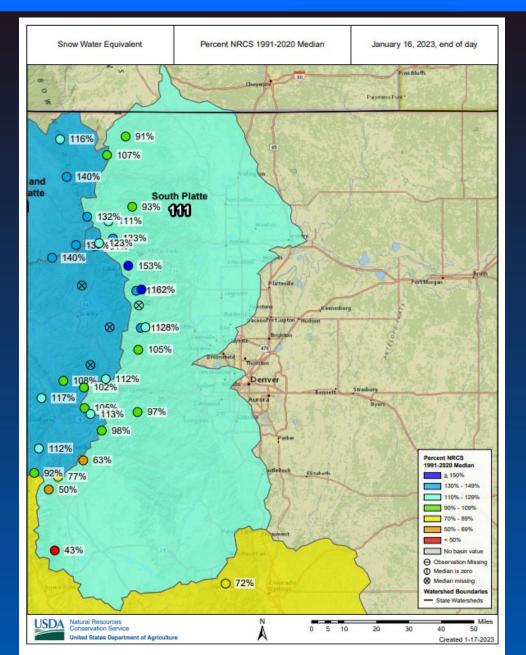


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Colorado Snow Surveys

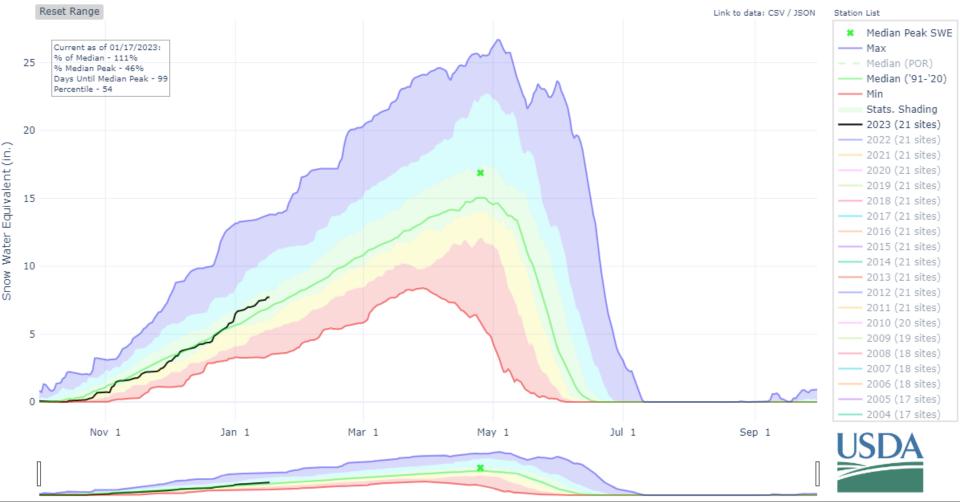
Major Basin Summary



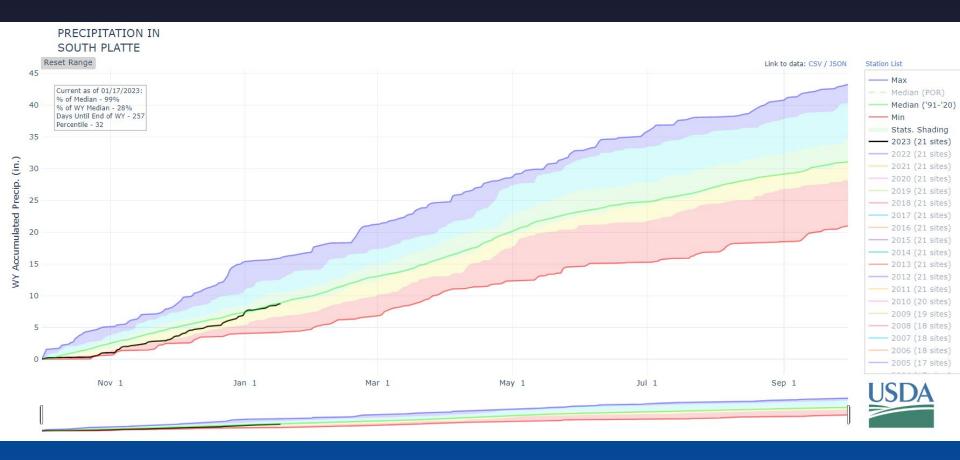






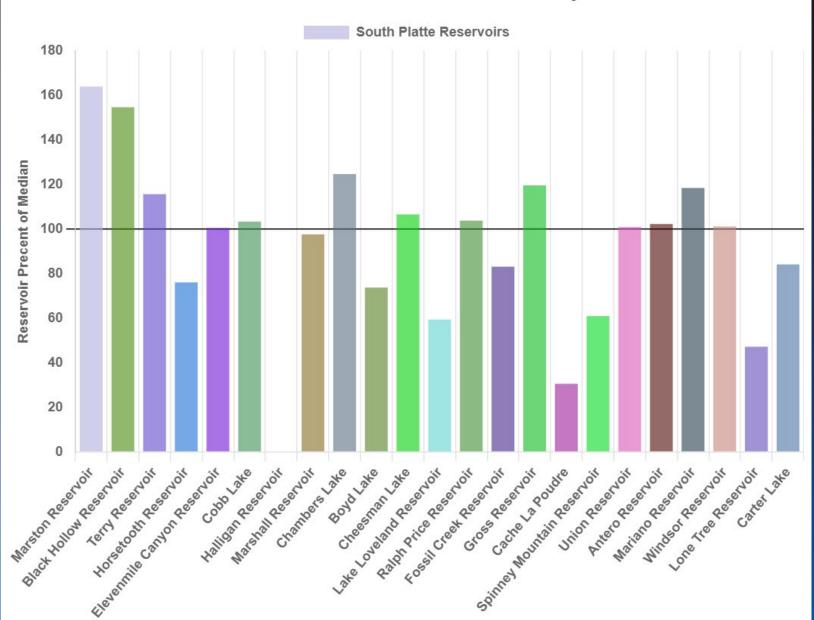


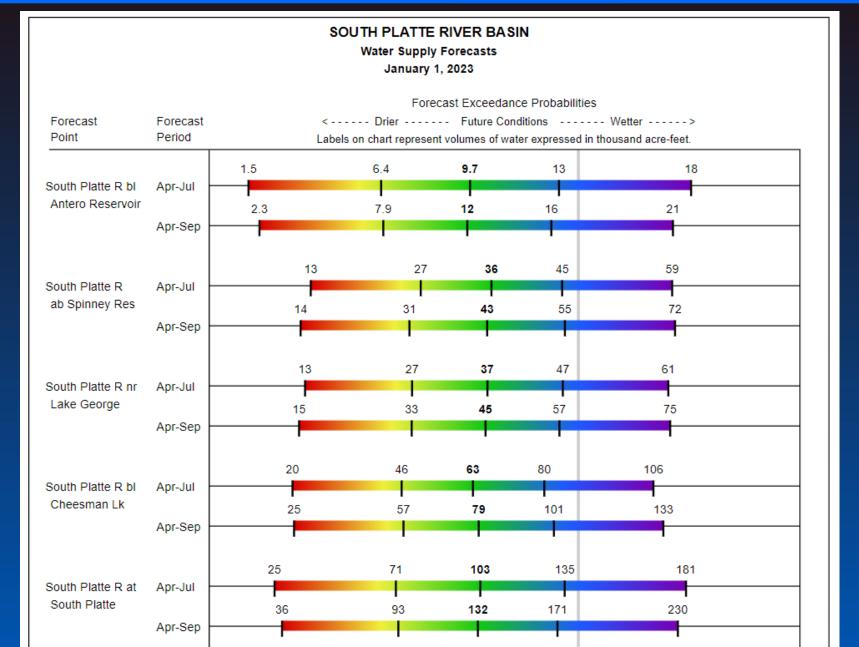




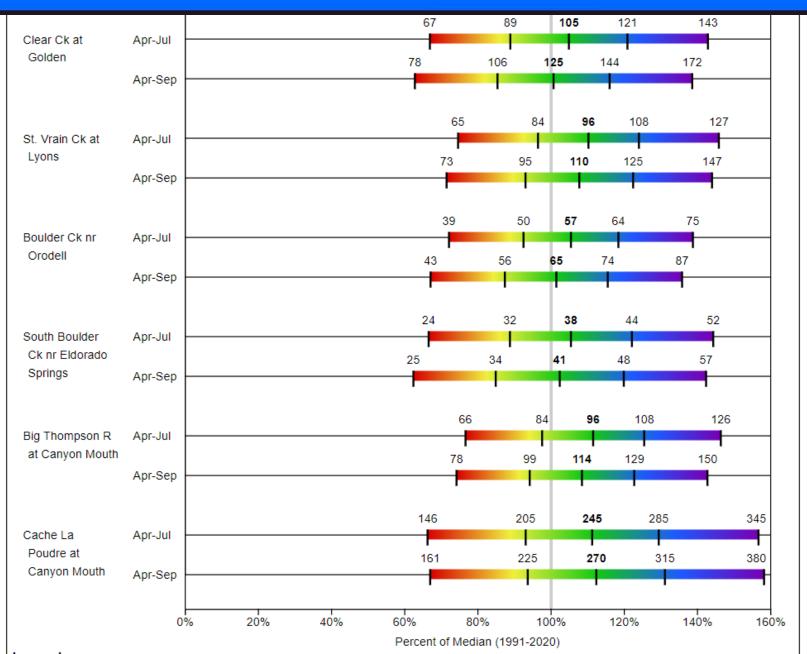


Reservoir Conditions for South Platte on January 1st 2023

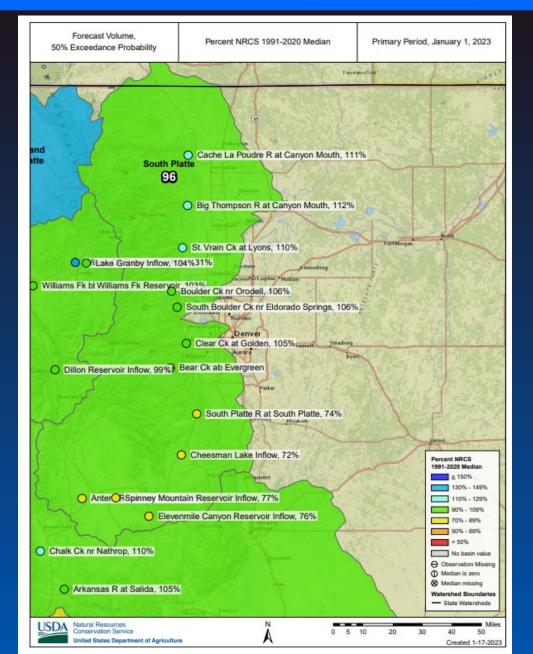










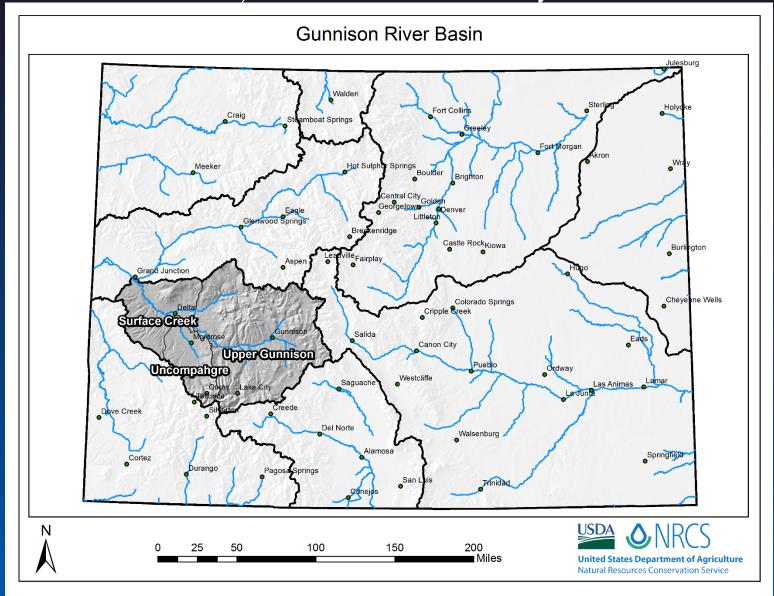




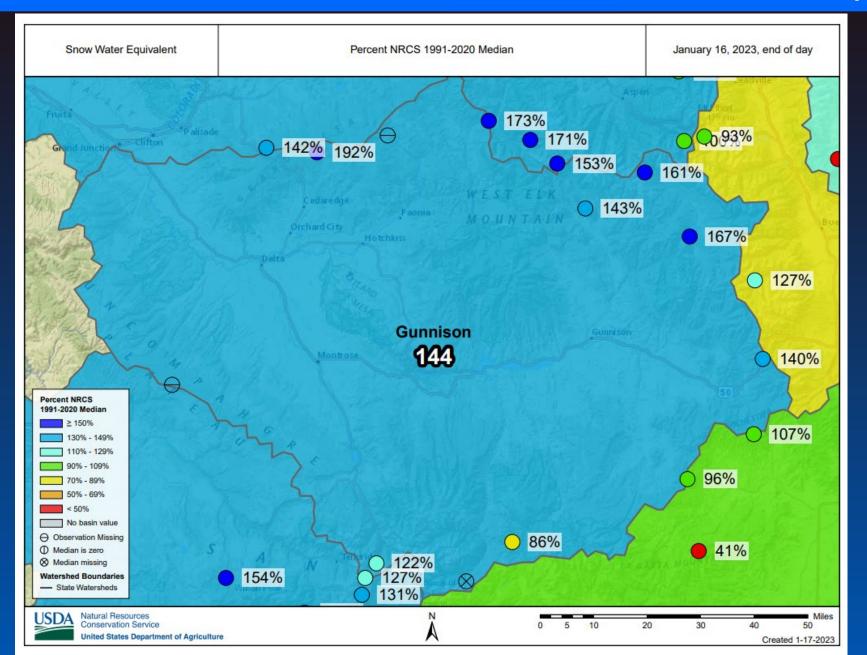
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Colorado Snow Surveys

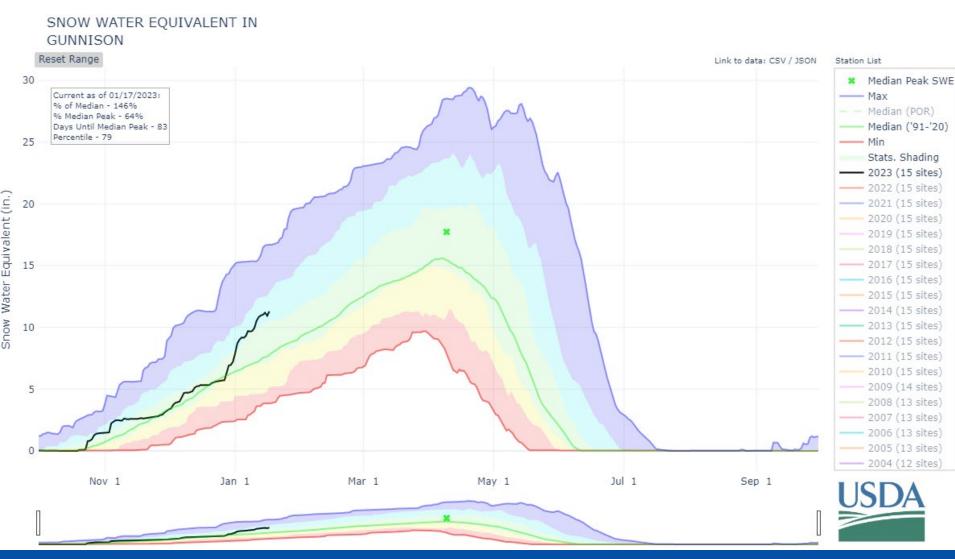
Major Basin Summary



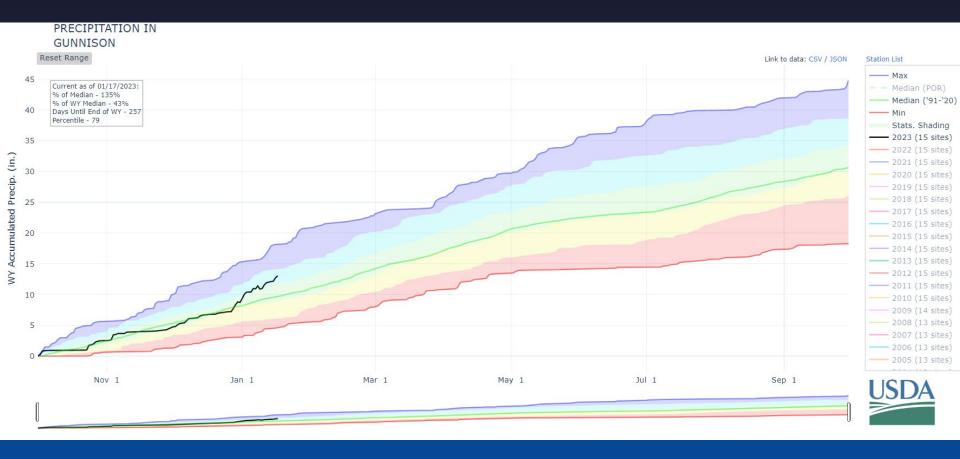






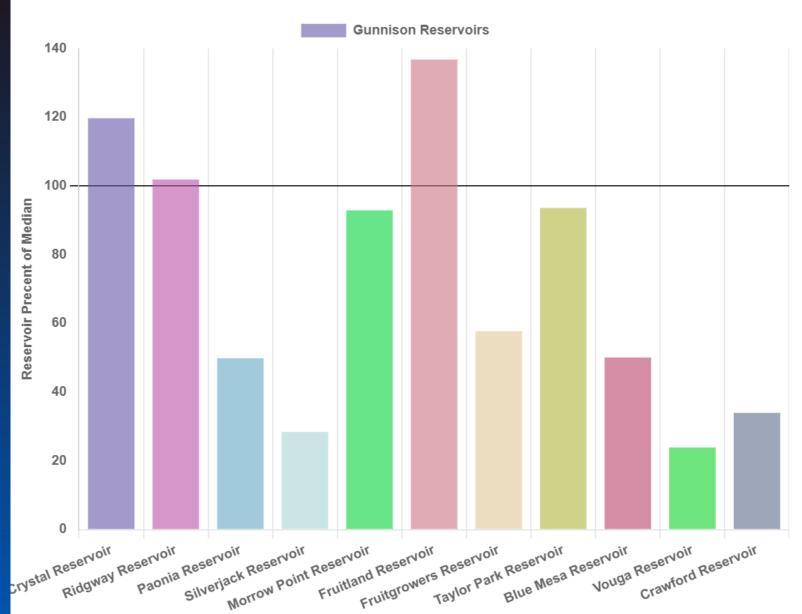




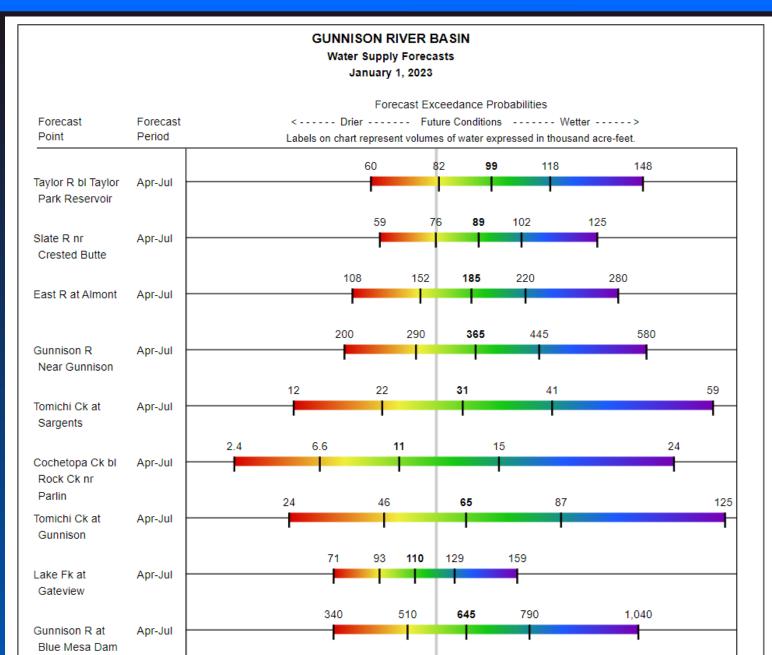




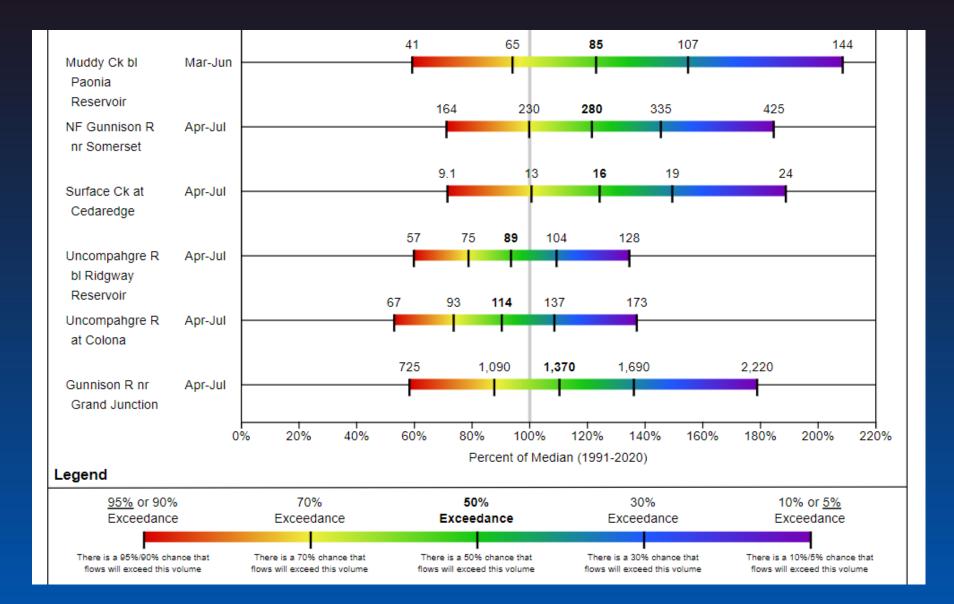




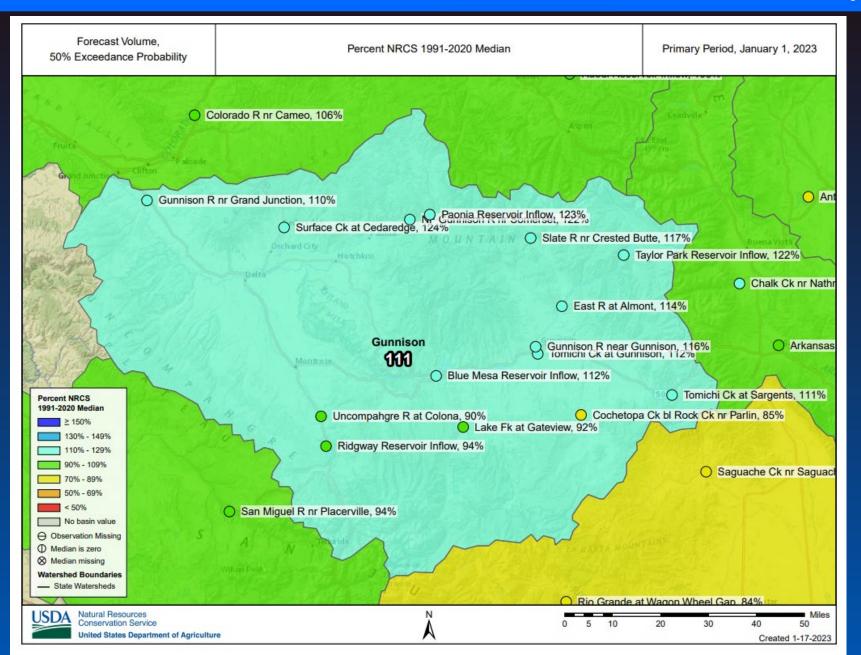










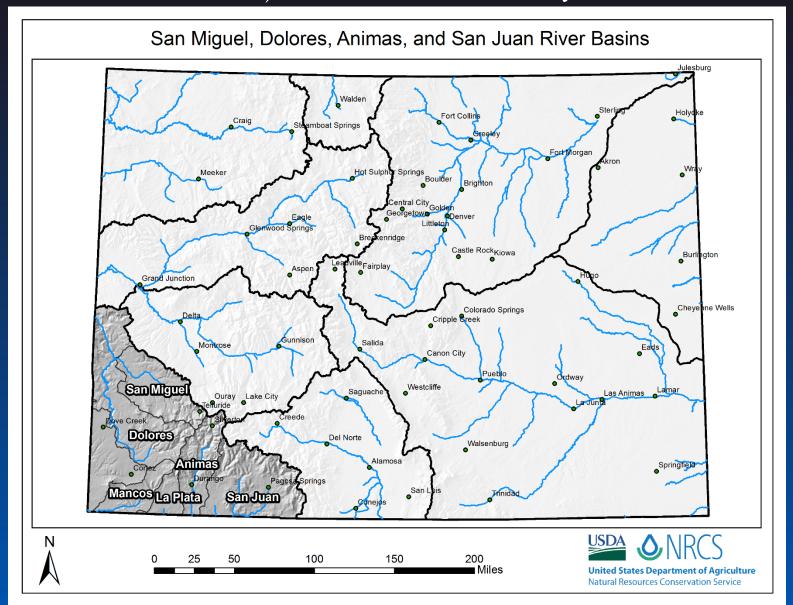


United States Department of Agriculture

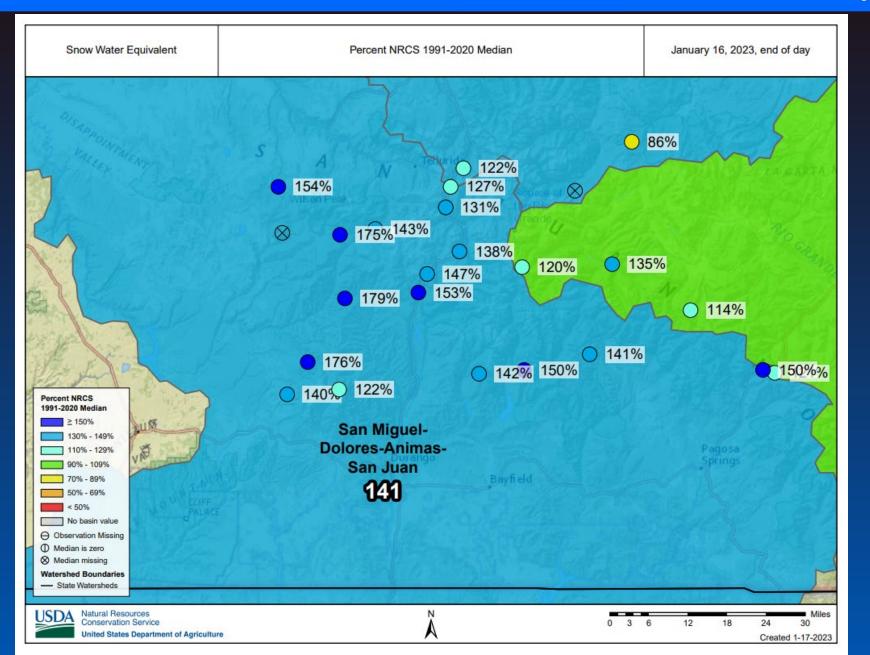
USDA

Colorado Snow Surveys

Major Basin Summary

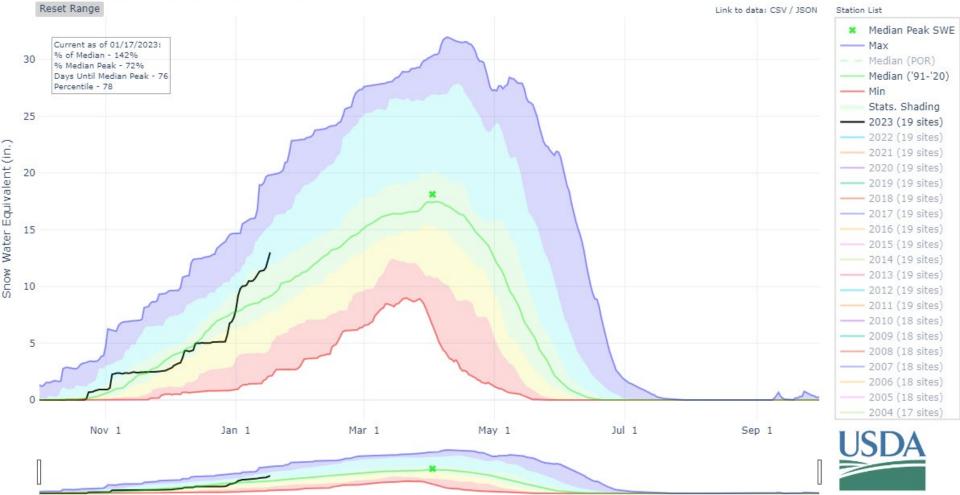




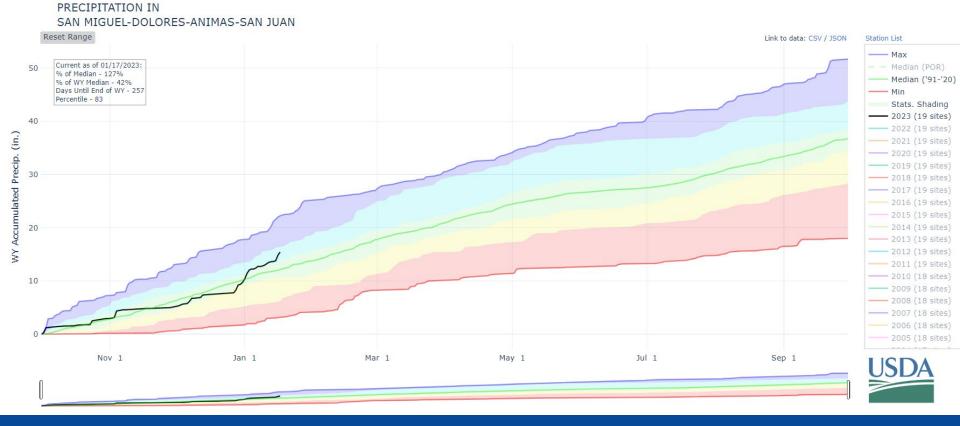




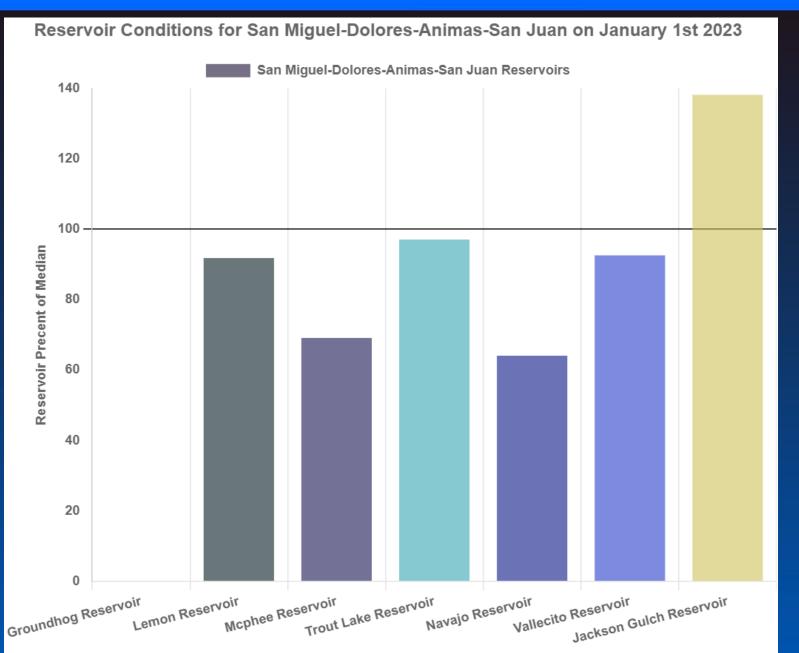


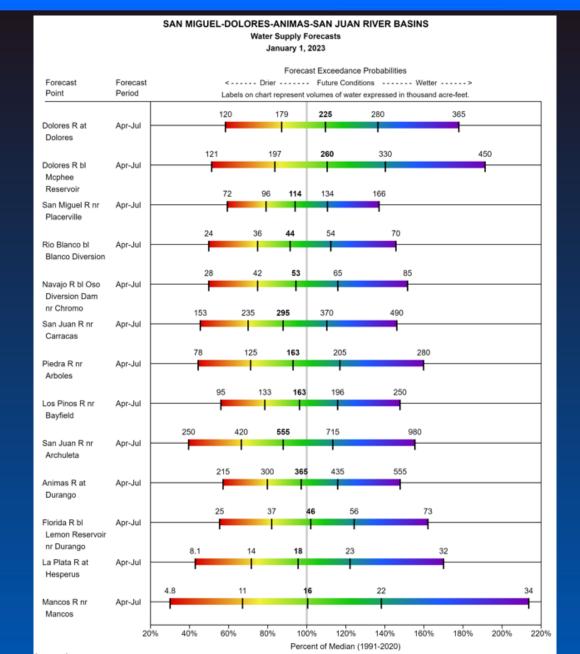




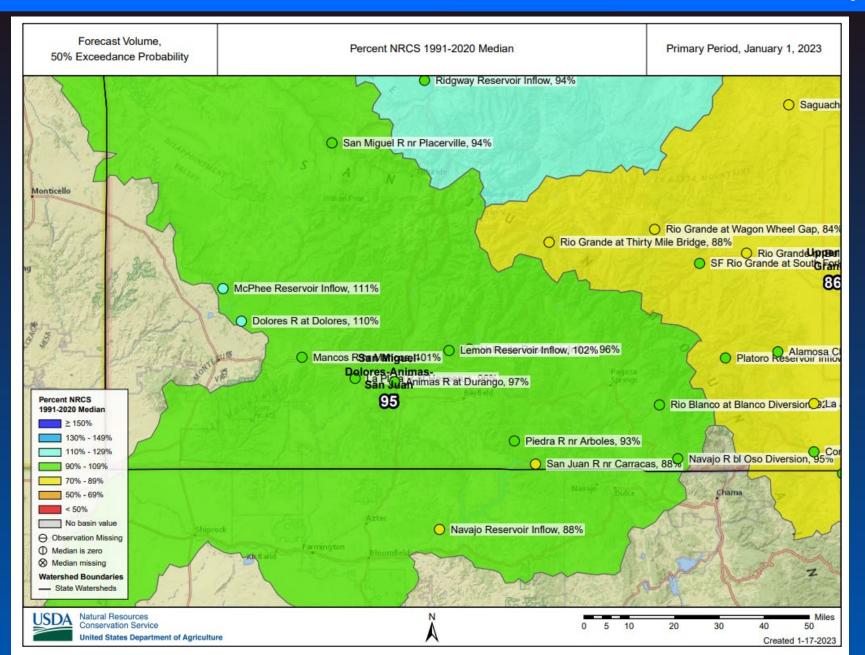










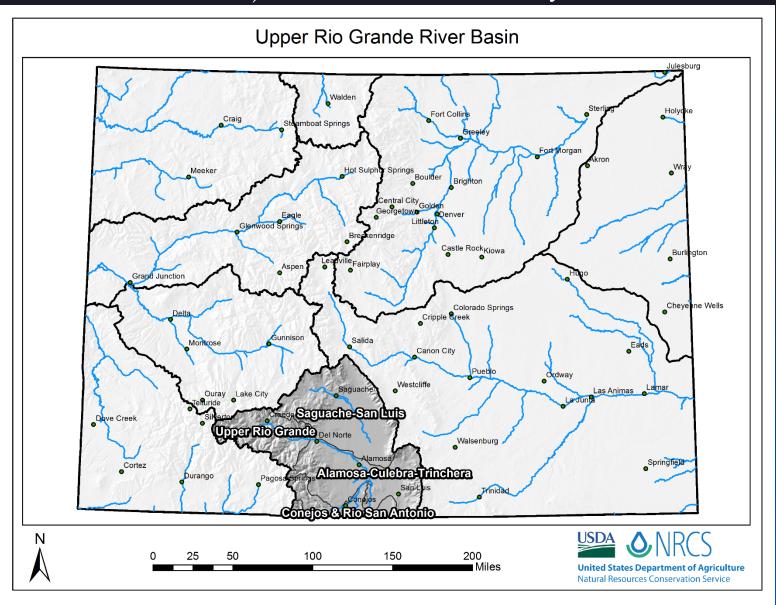




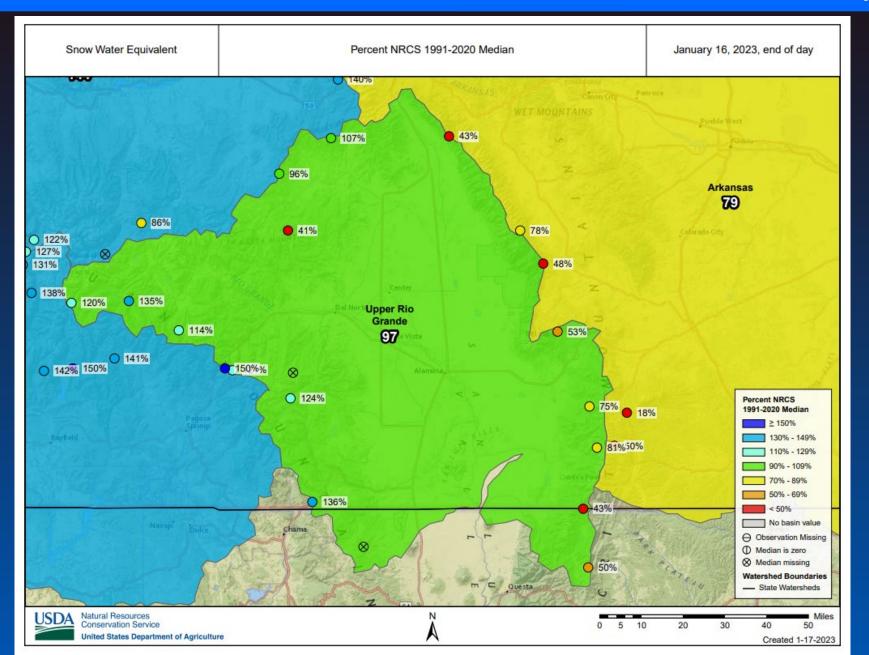
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Colorado Snow Surveys

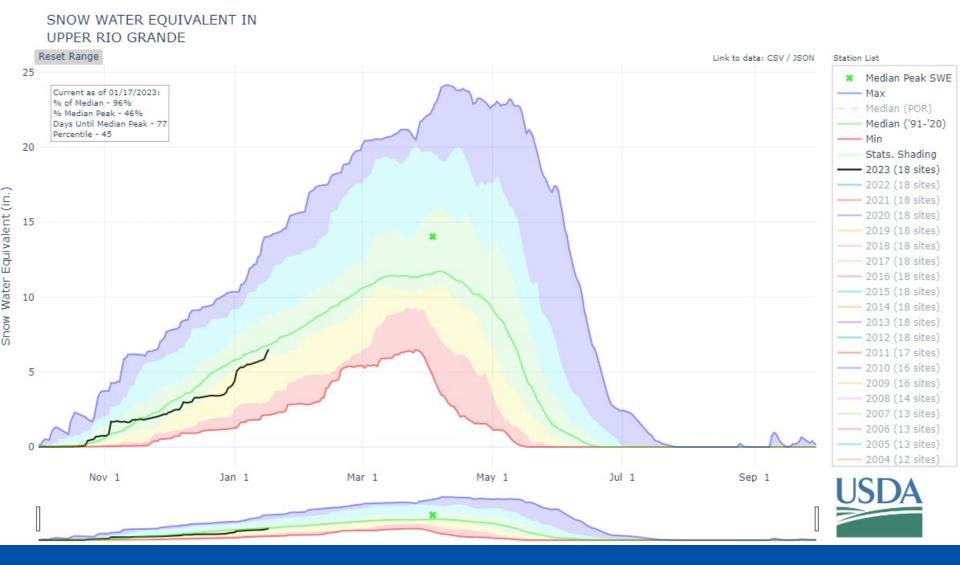
Major Basin Summary



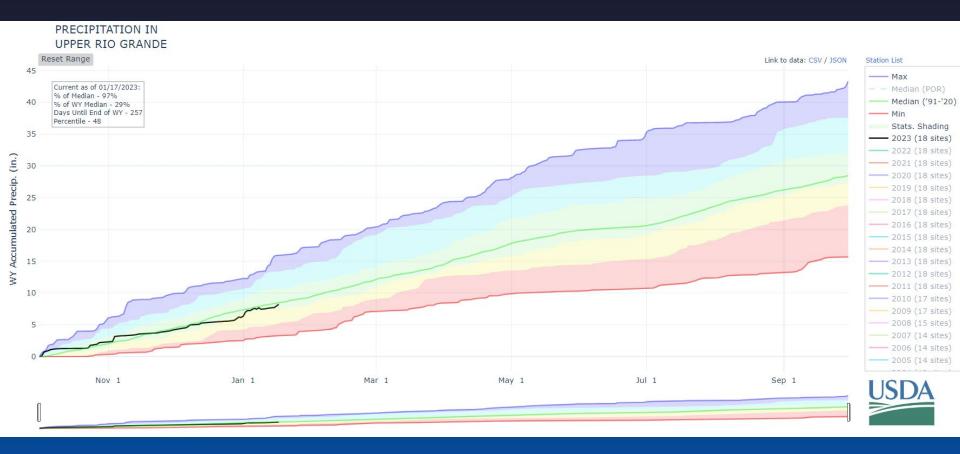






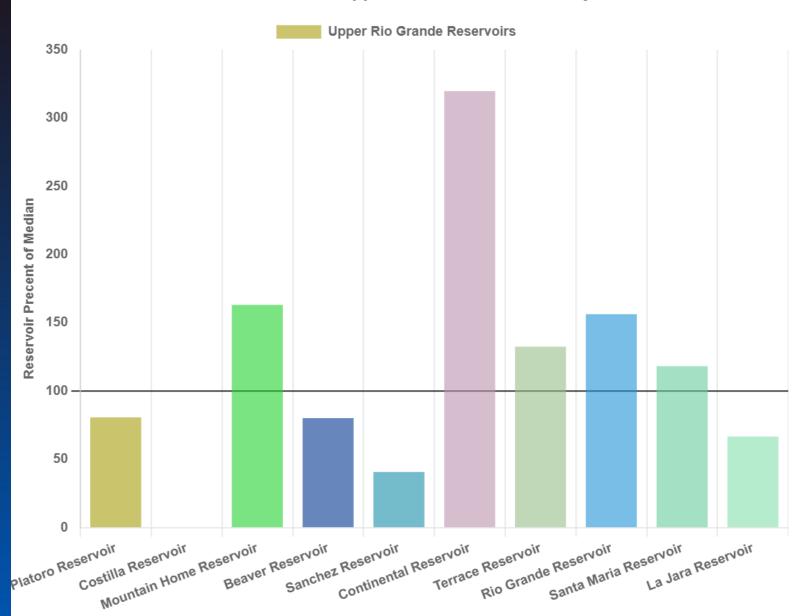






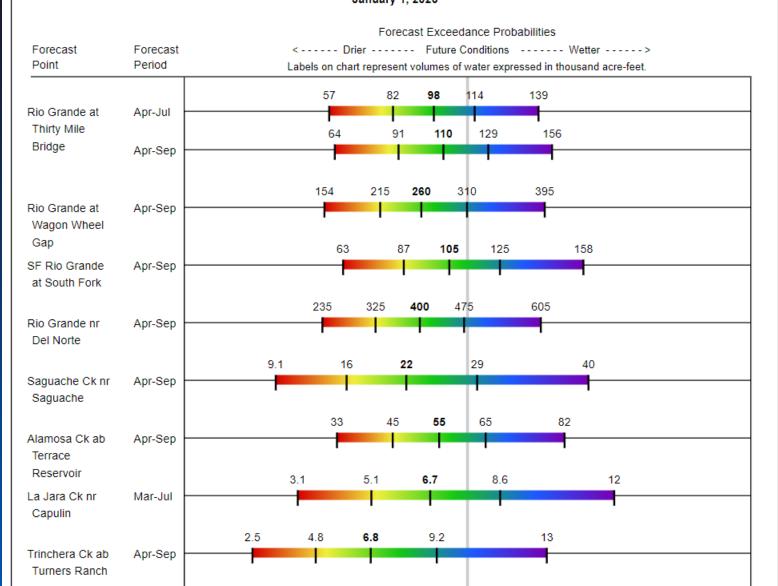


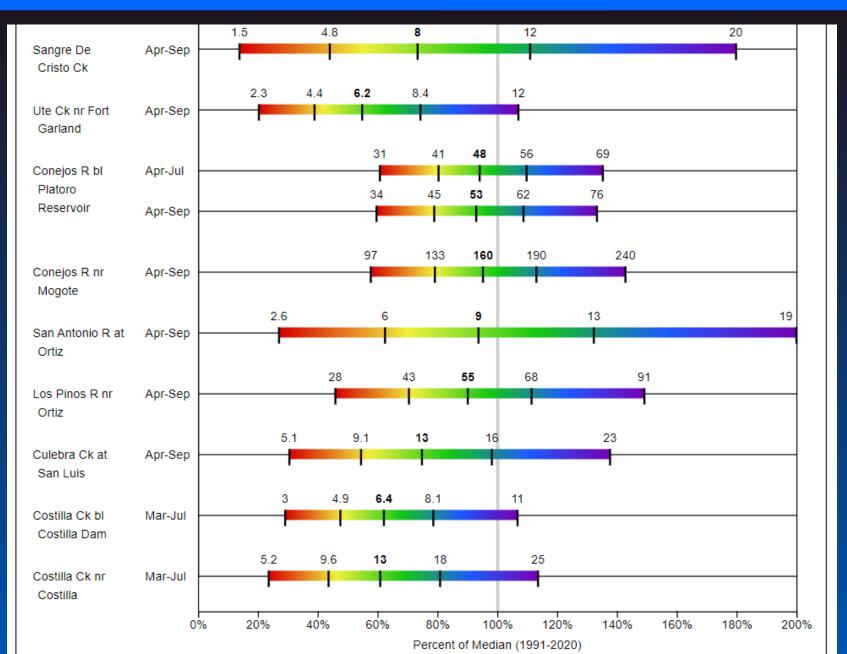
Reservoir Conditions for Upper Rio Grande on January 1st 2023



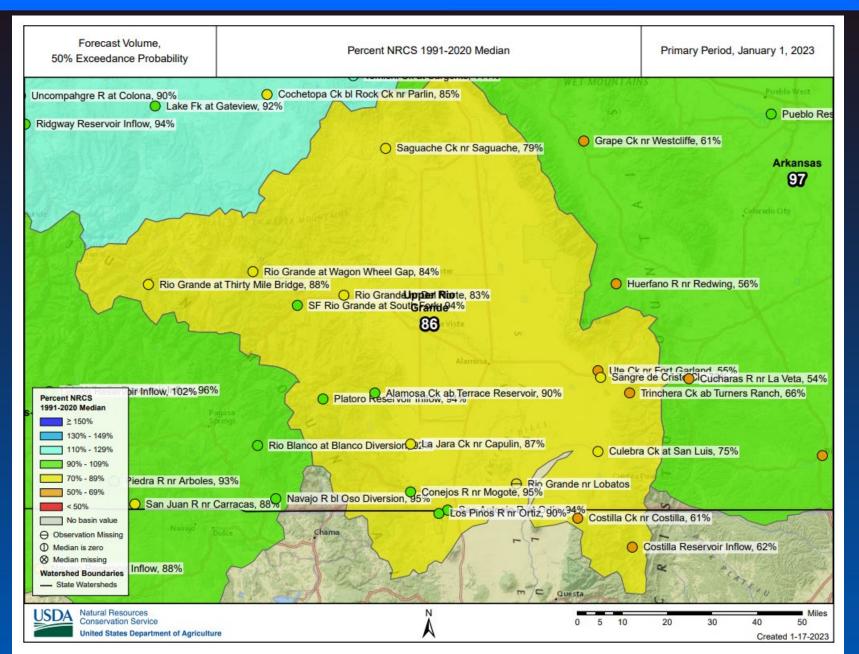


UPPER RIO GRANDE BASIN Water Supply Forecasts January 1, 2023







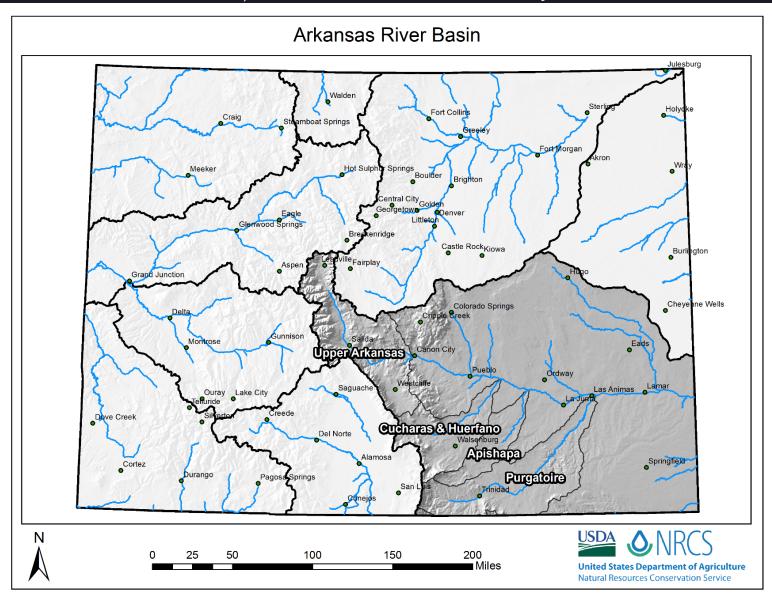




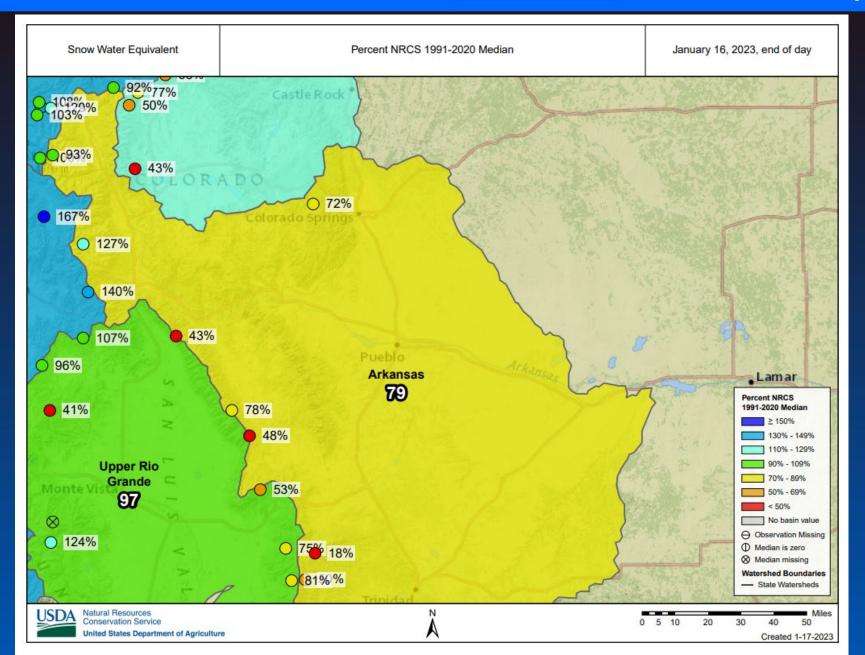
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Colorado Snow Surveys

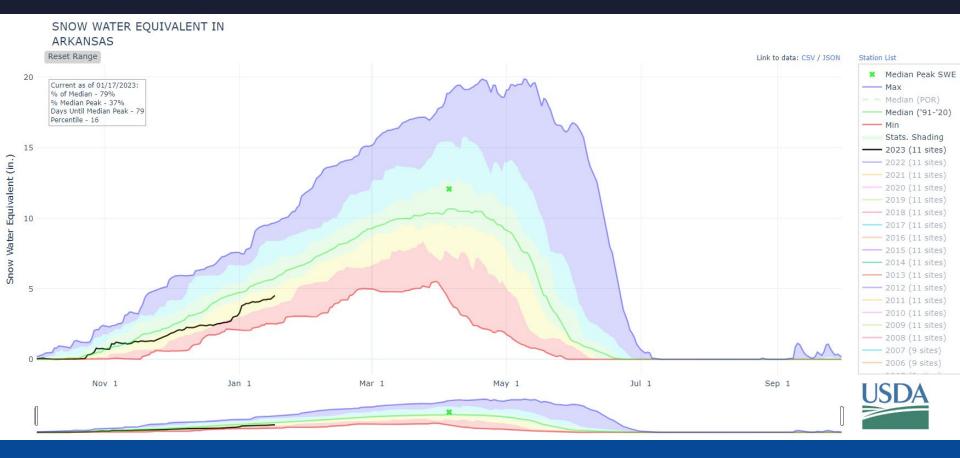
Major Basin Summary



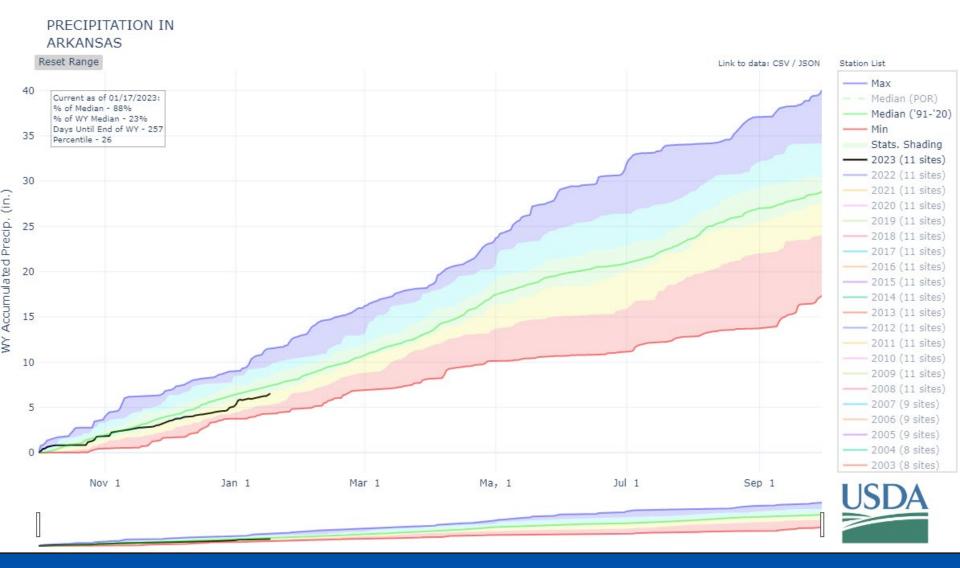






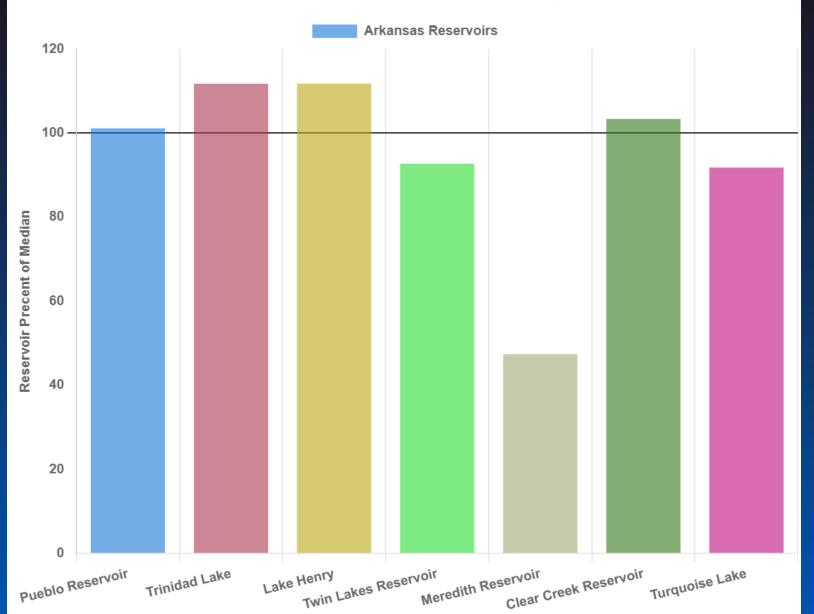








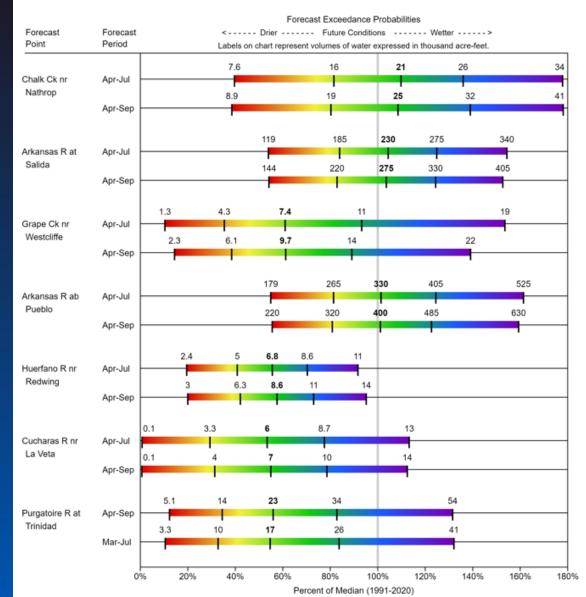
Reservoir Conditions for Arkansas on January 1st 2023



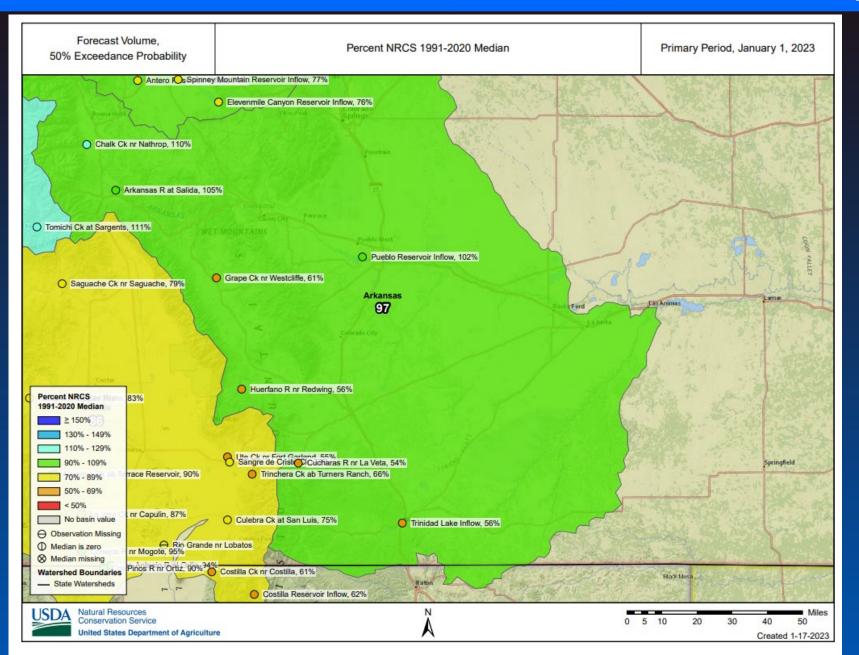


ARKANSAS RIVER BASIN Water Supply Forecasts

January 1, 2023

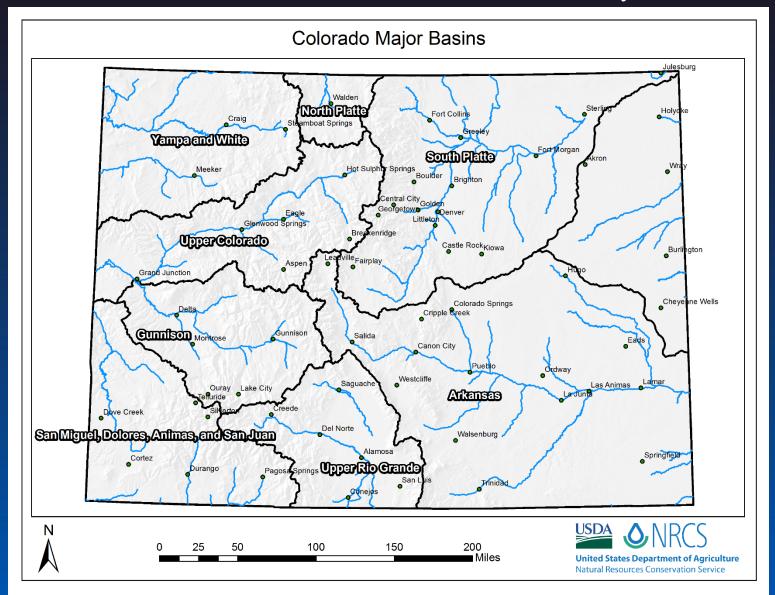






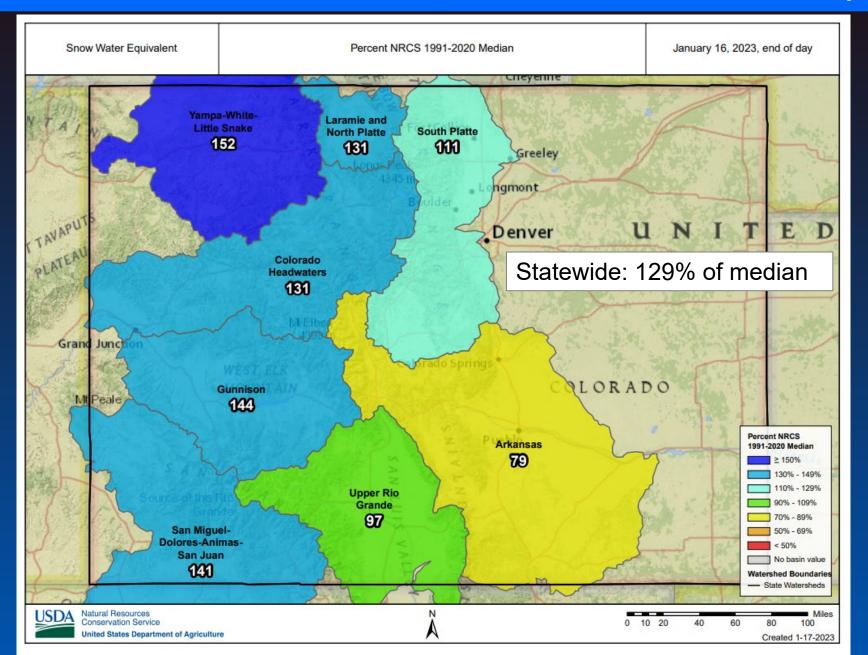


Colorado Statewide Summary

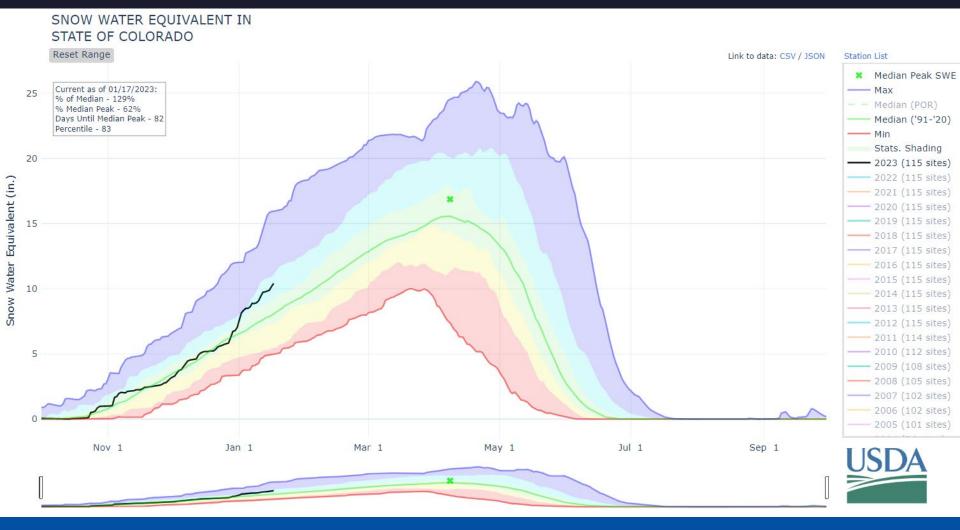




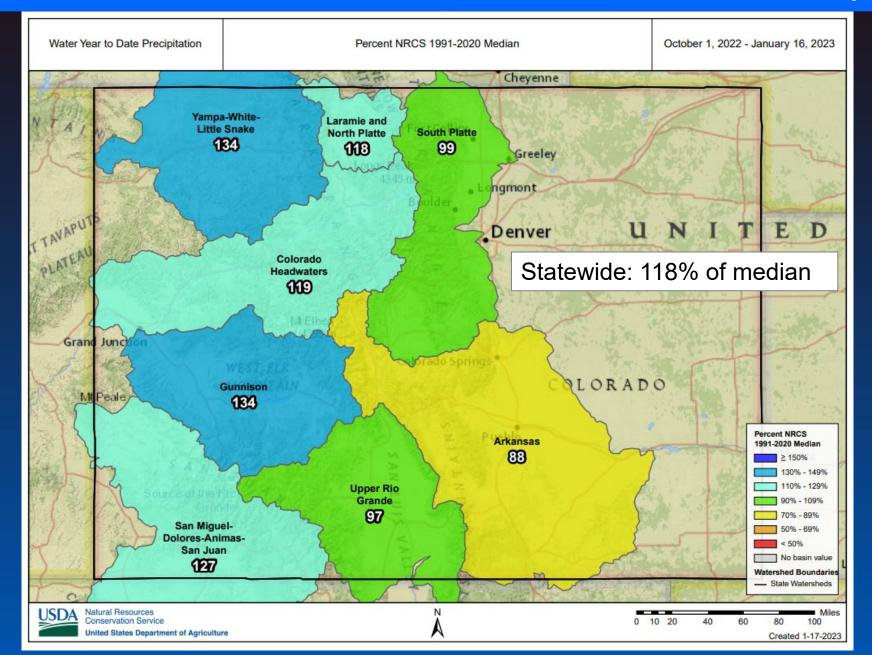
Snowpack



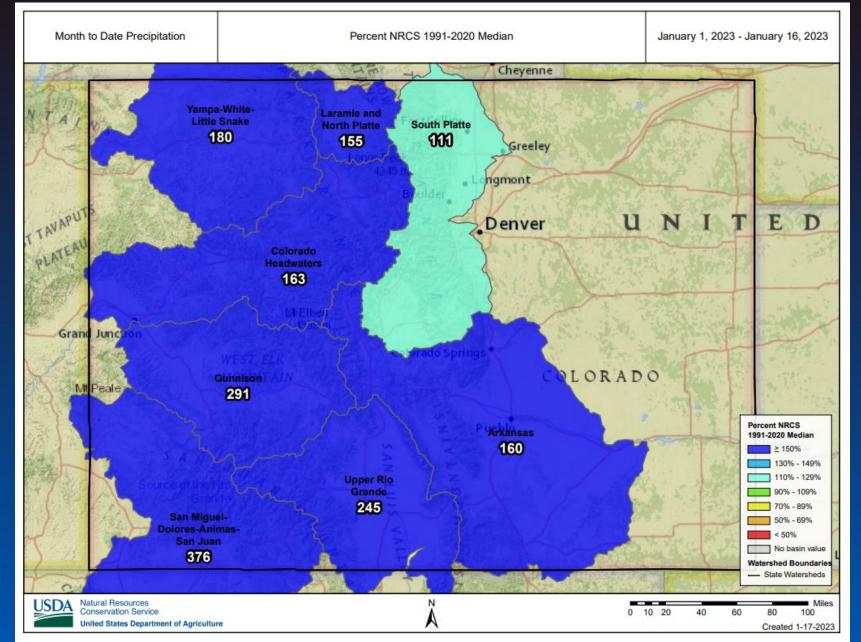




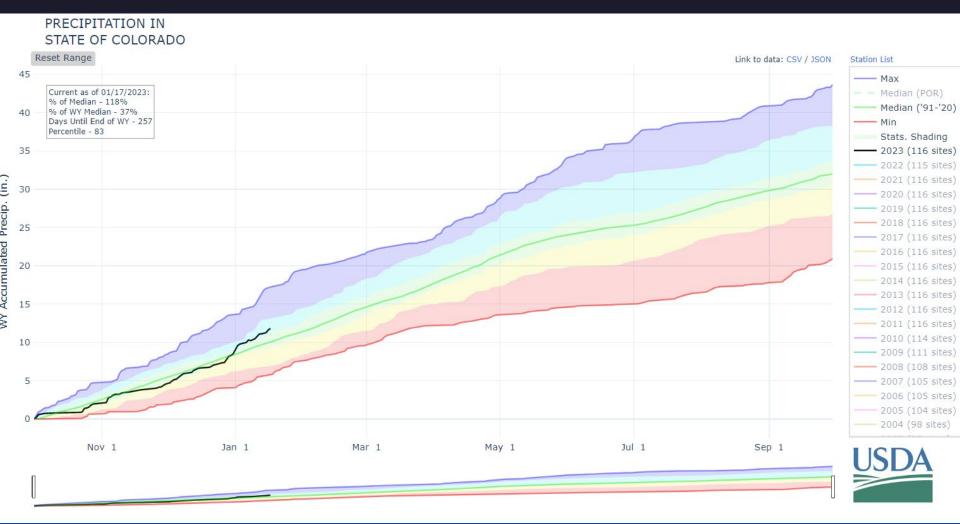




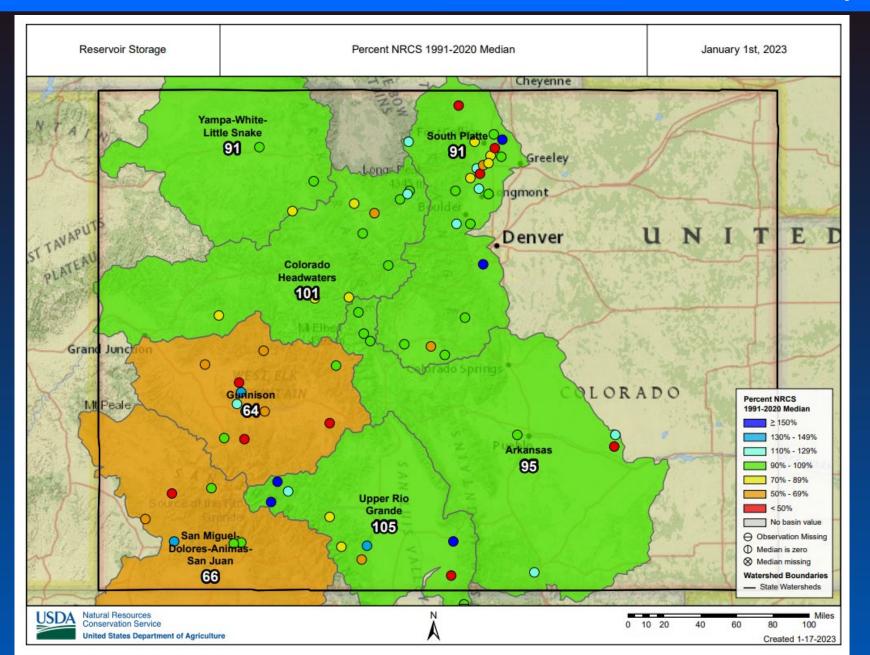






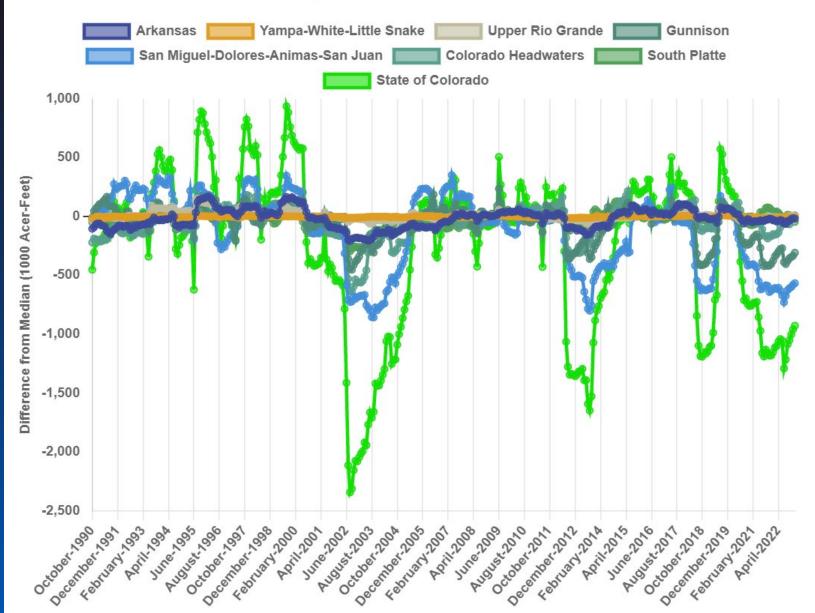




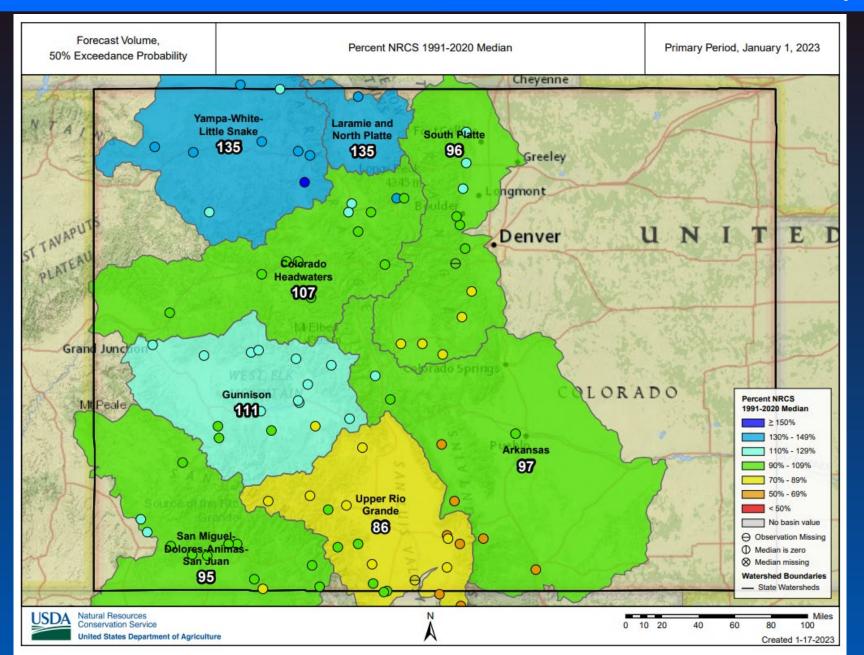




Departure from Median







Summary

•Snowpack is well above normal across all of Western Colorado and near normal in other basins except the Arkansas which is lower.

- The Sangre de Cristo mountains, feeding water into both the Rio Grande and Arkansas basins, have the most meager snowpack in Colorado.
- •A series of storms since the end of December have provided substantial increases to the snowpack statewide.
- •February 1st streamflow forecasts are anticipated to be significantly improved over the previous month in most parts of the state.
- •Above normal summer precipitation improved soil moisture conditions going into winter which could increase the efficiency of snowmelt runoff over previous years.
- •Reservoir storage remains highly variable across Colorado with the Gunnison and combined Southwest Basins holding substantially less water than any other basins.



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