

Water Availability Task Force Meeting February 21st, 2023

NRCS Snow Survey and Water Supply Forecasting Program

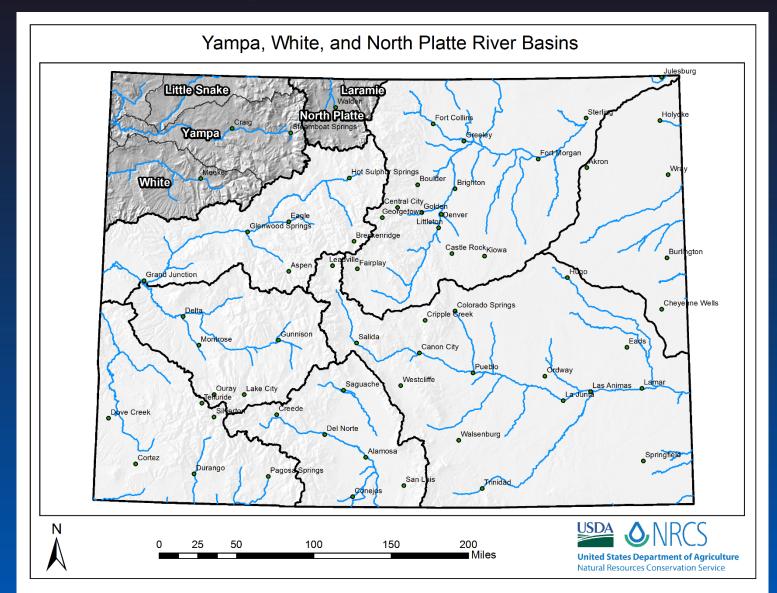
Karl Wetlaufer Hydrologist Karl.Wetlaufer@usda.gov 720-544-2853 http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/



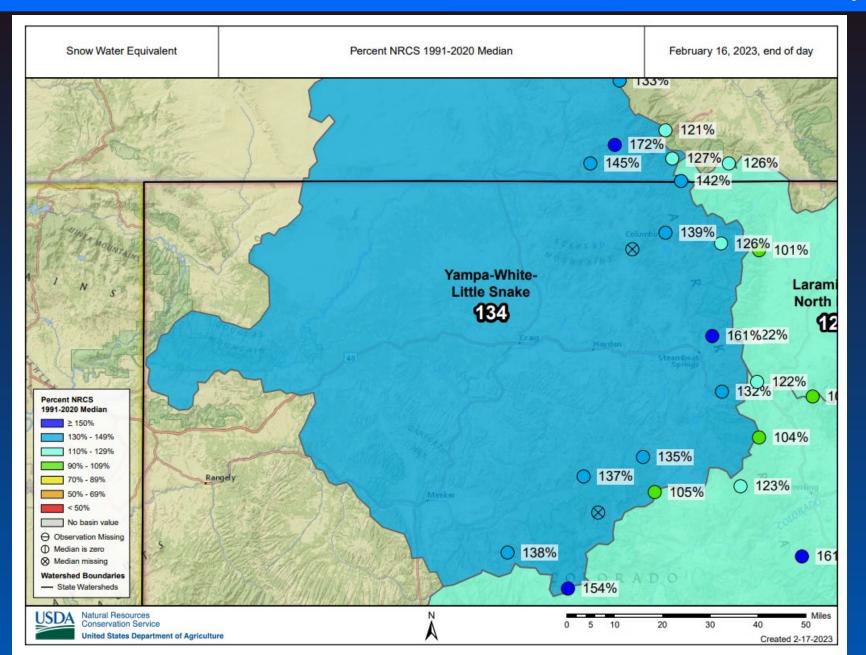
USDA

Colorado Snow Surveys

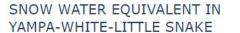
Major Basin Summary

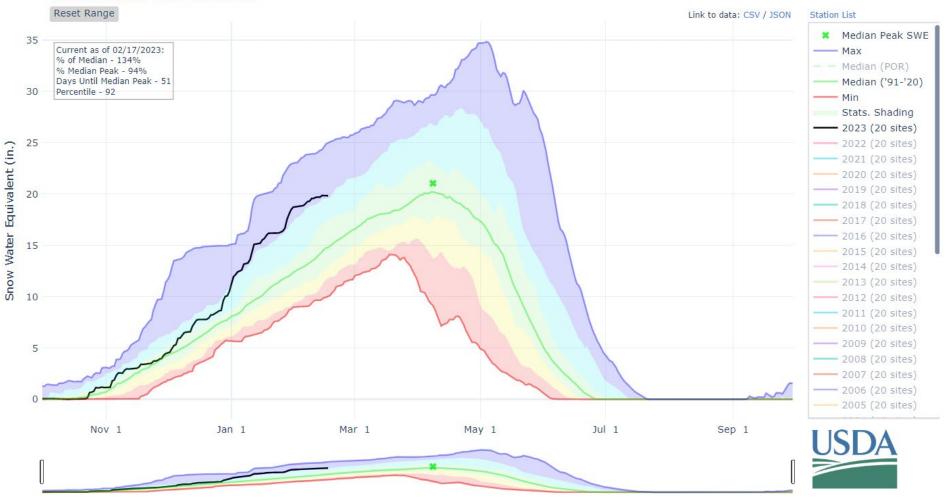






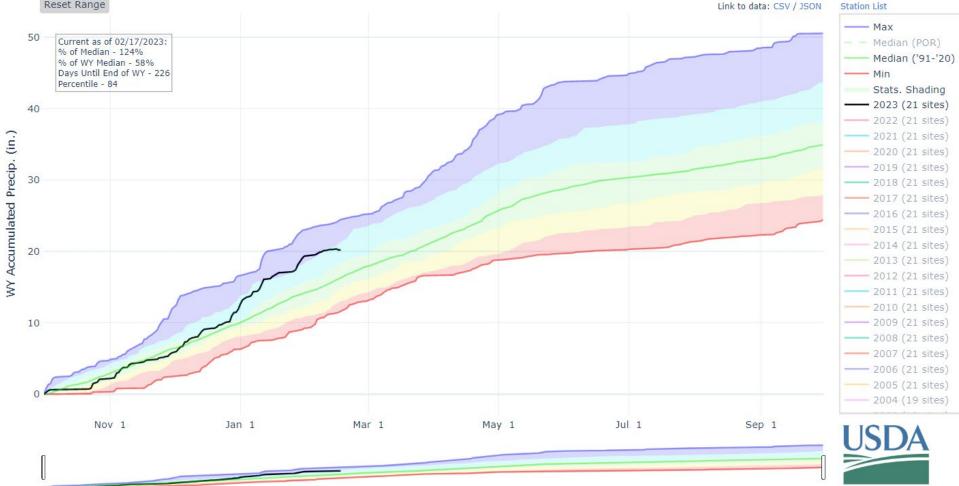






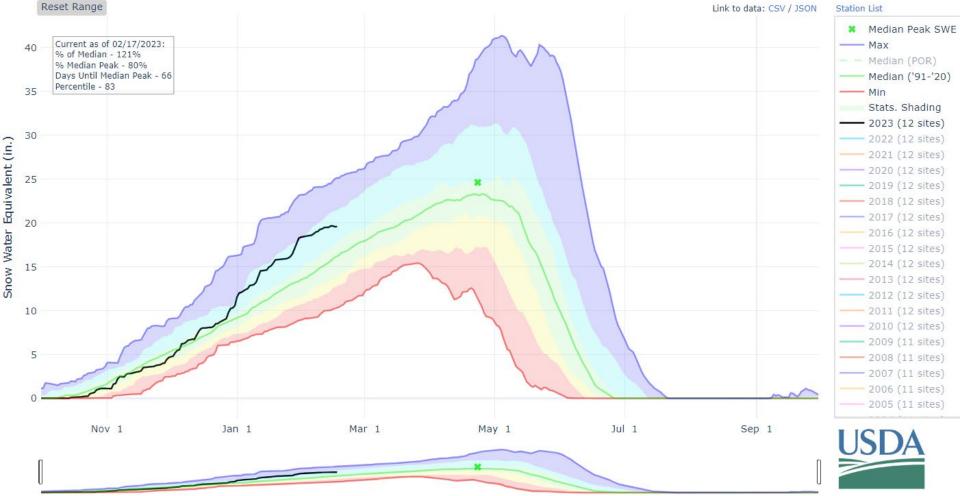




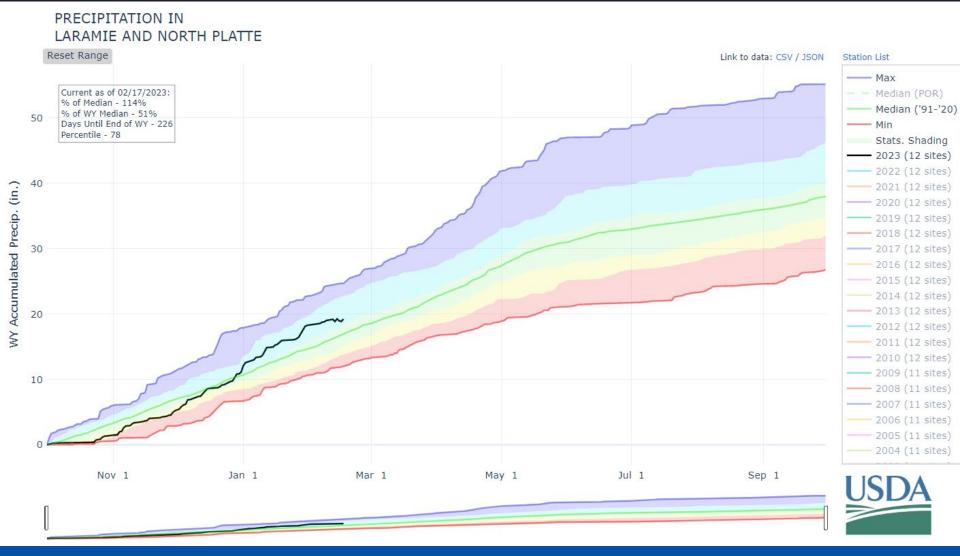






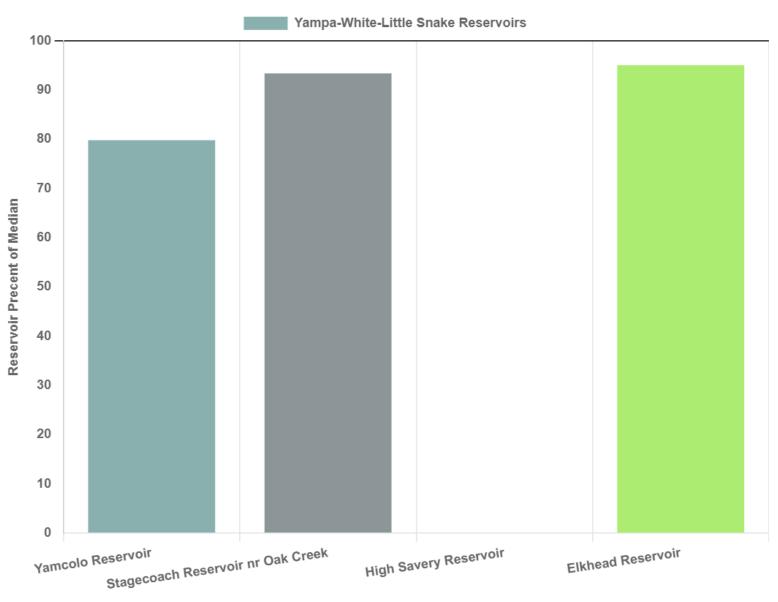






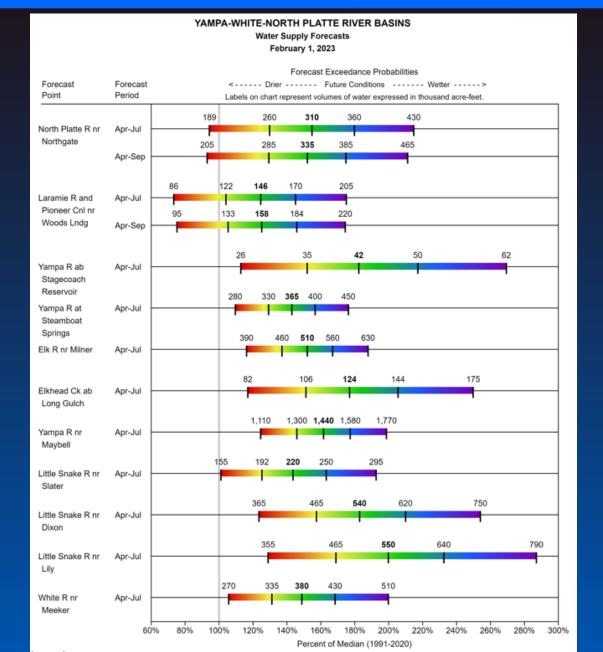


Reservoir Conditions for Yampa-White-Little Snake on February 1st 2023

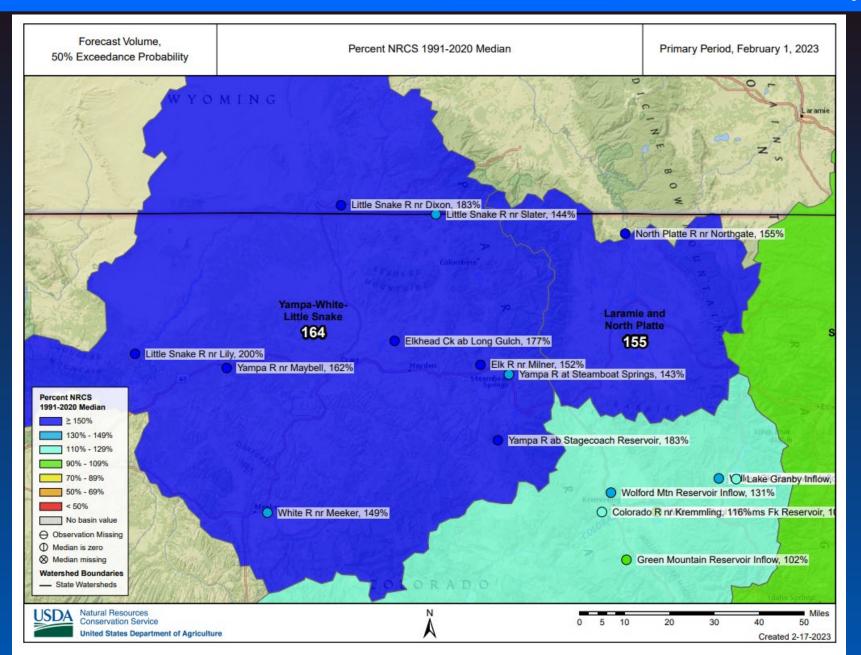


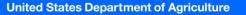
Reservoir Names







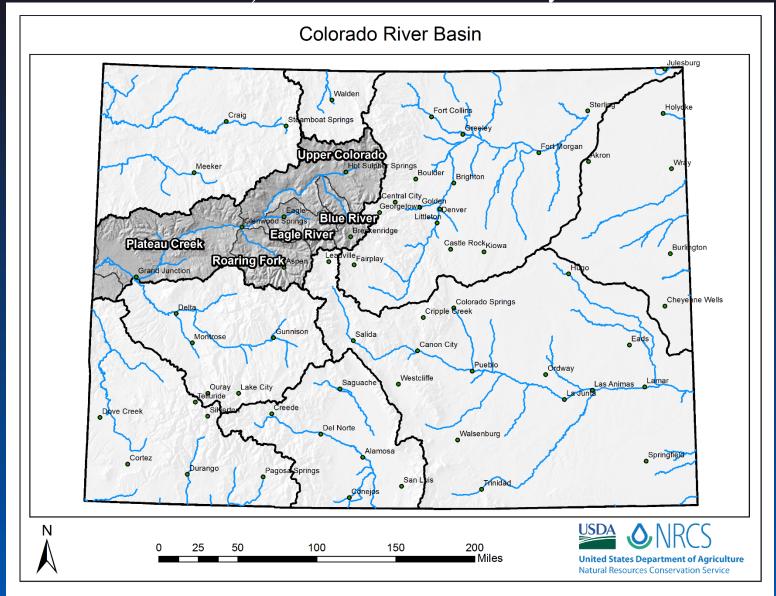




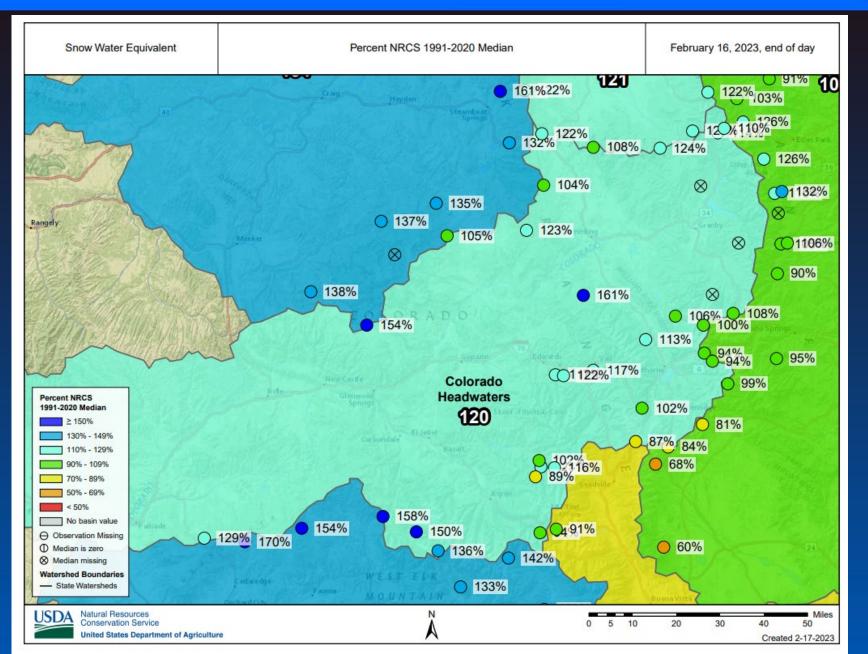
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Colorado Snow Surveys

Major Basin Summary

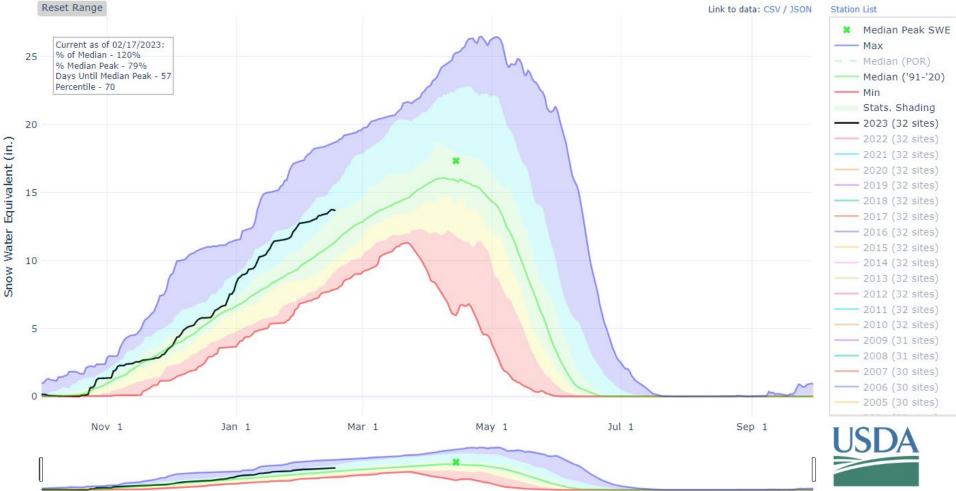






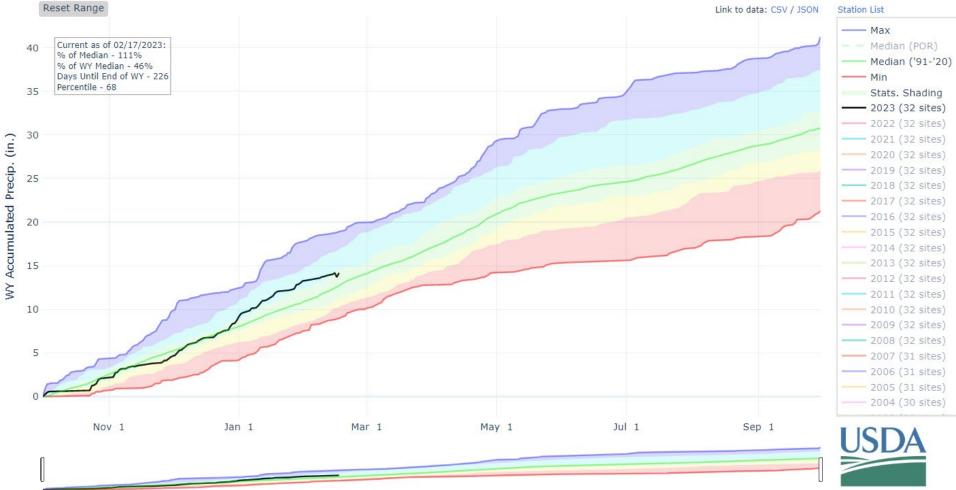






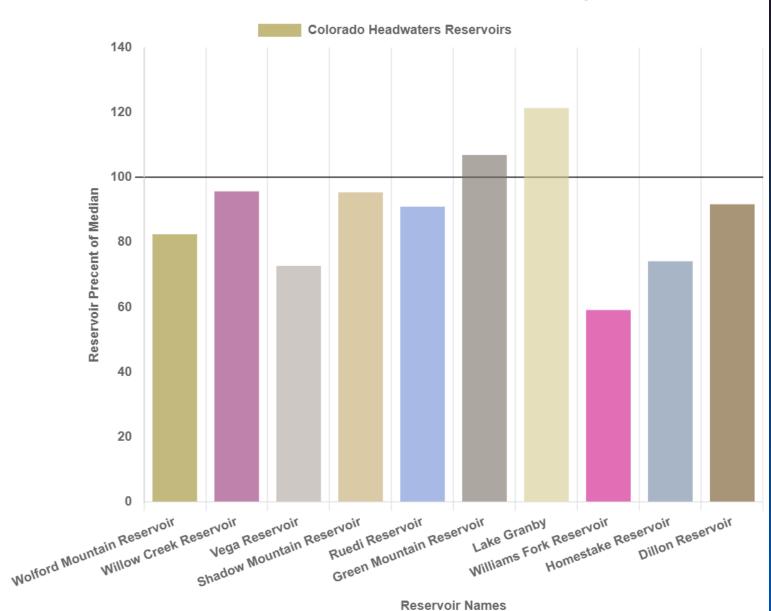


PRECIPITATION IN COLORADO HEADWATERS



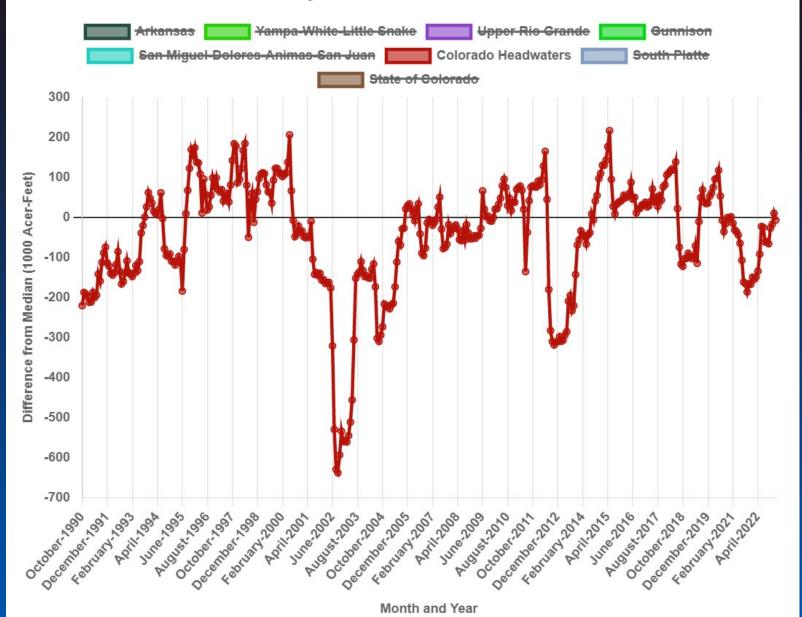


Reservoir Conditions for Colorado Headwaters on February 1st 2023

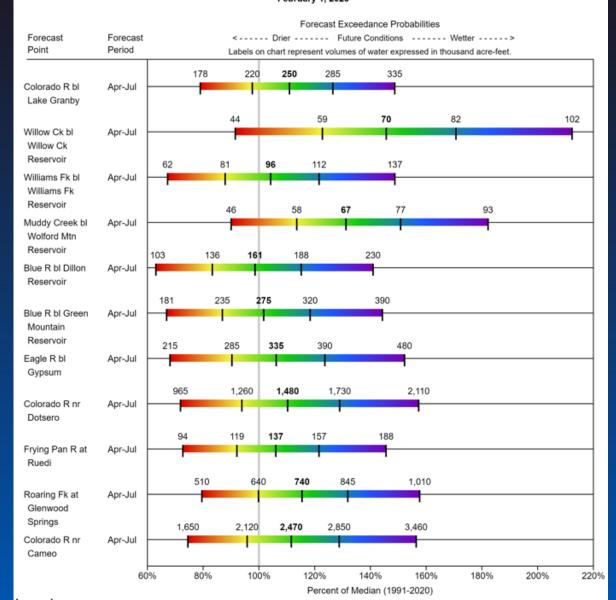




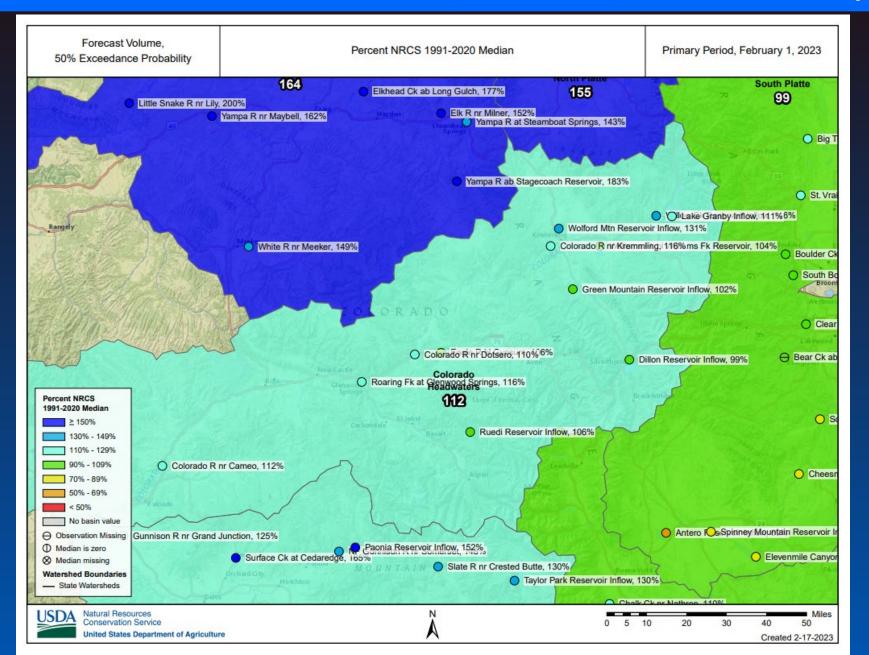
Departure from Median



UPPER COLORADO RIVER BASIN Water Supply Forecasts February 1, 2023





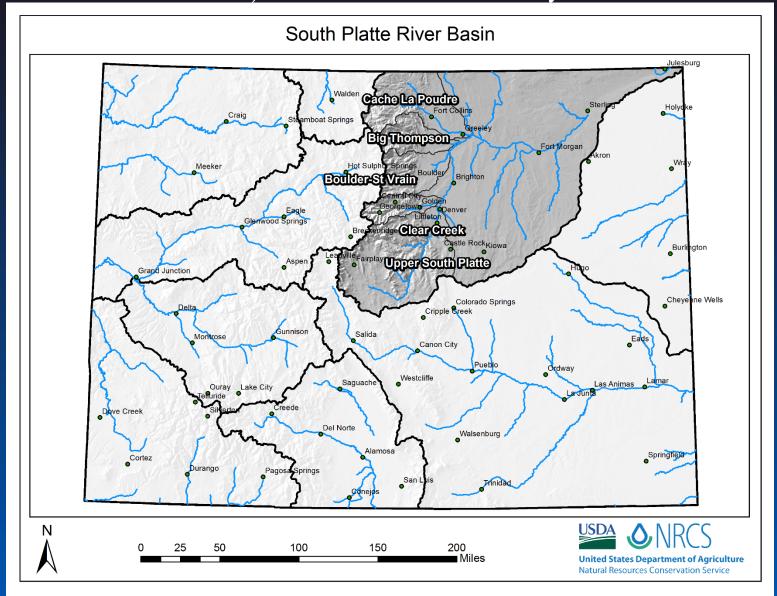




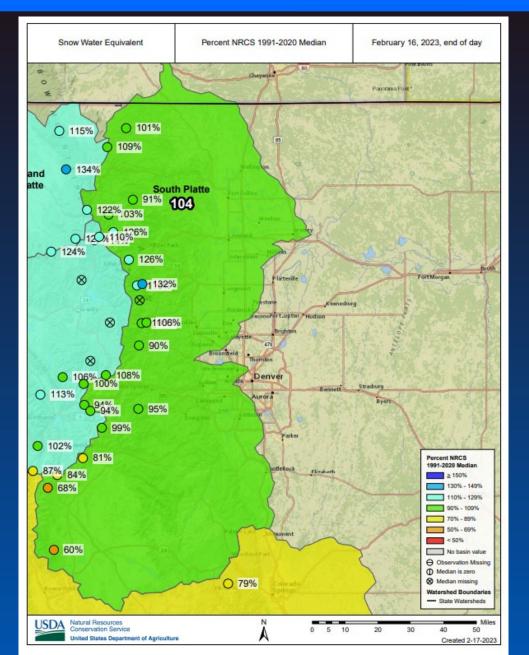
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Colorado Snow Surveys

Major Basin Summary

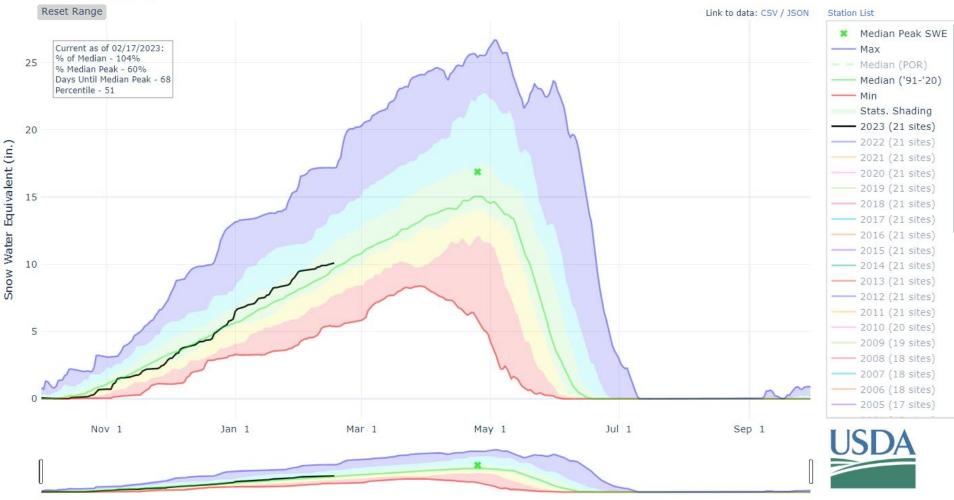




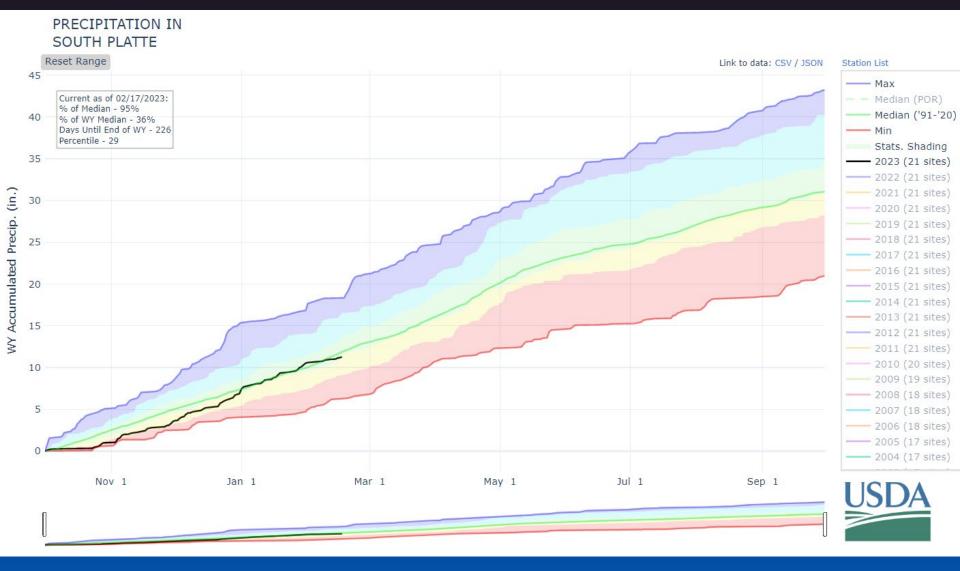




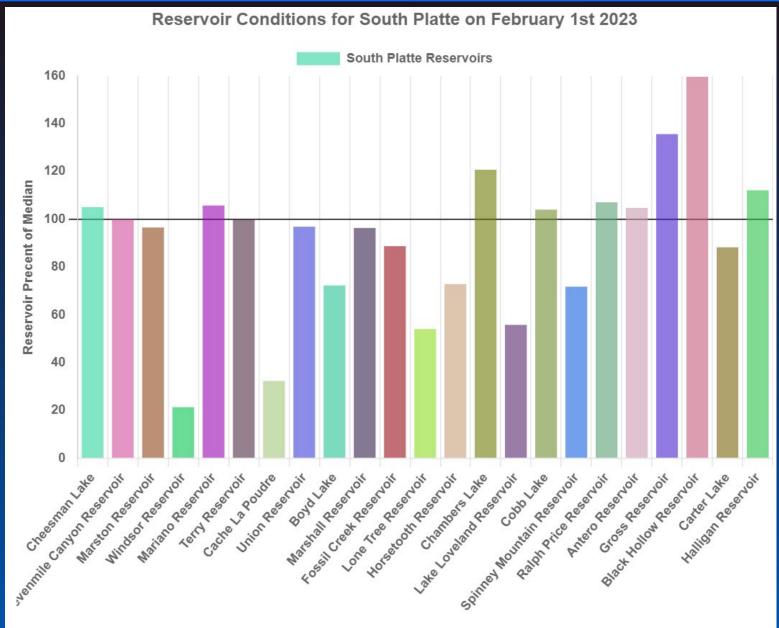








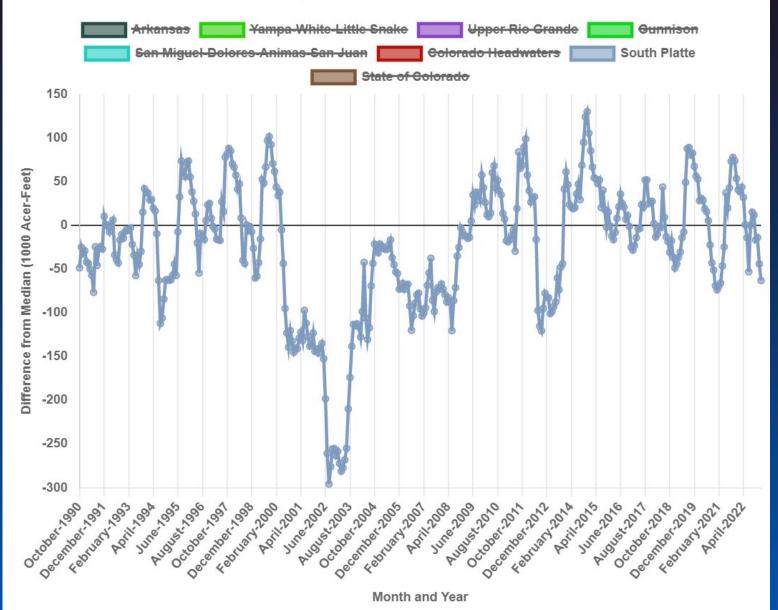




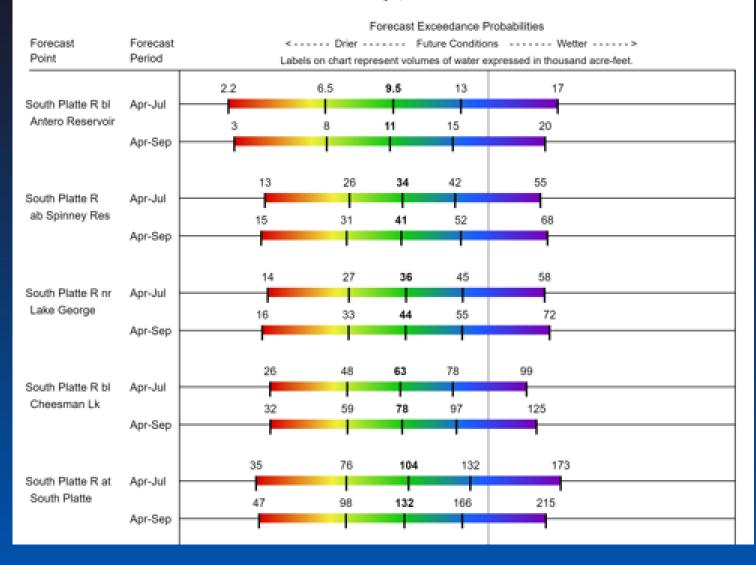
Reservoir Names



Departure from Median

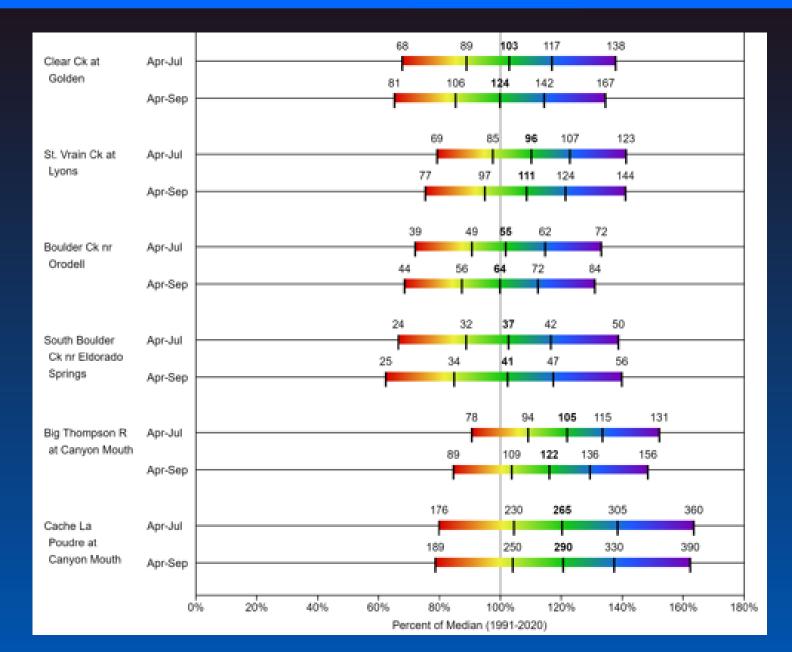


SOUTH PLATTE RIVER BASIN Water Supply Forecasts February 1, 2023

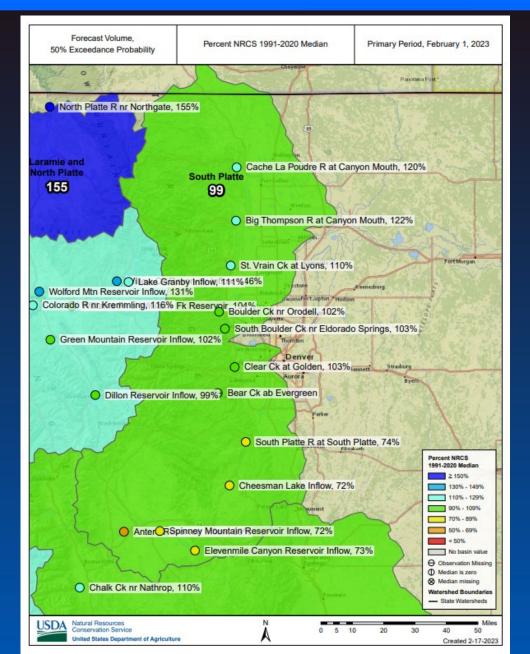




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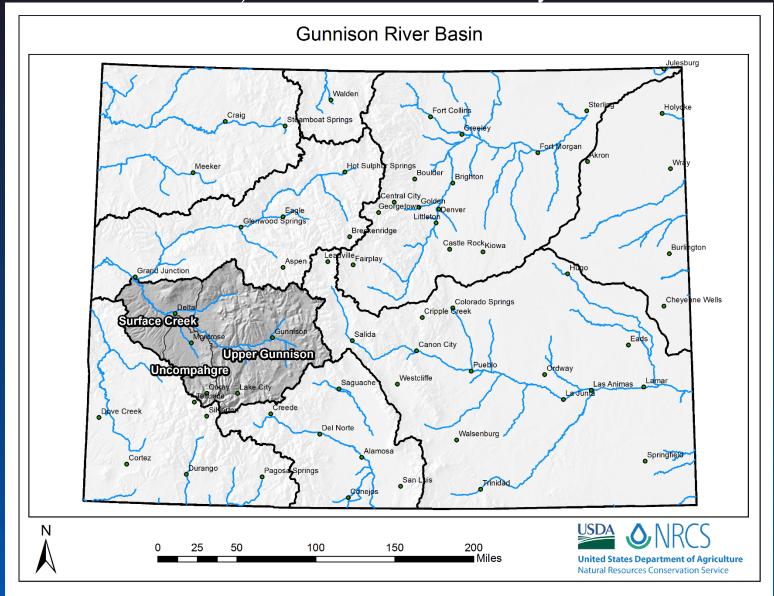




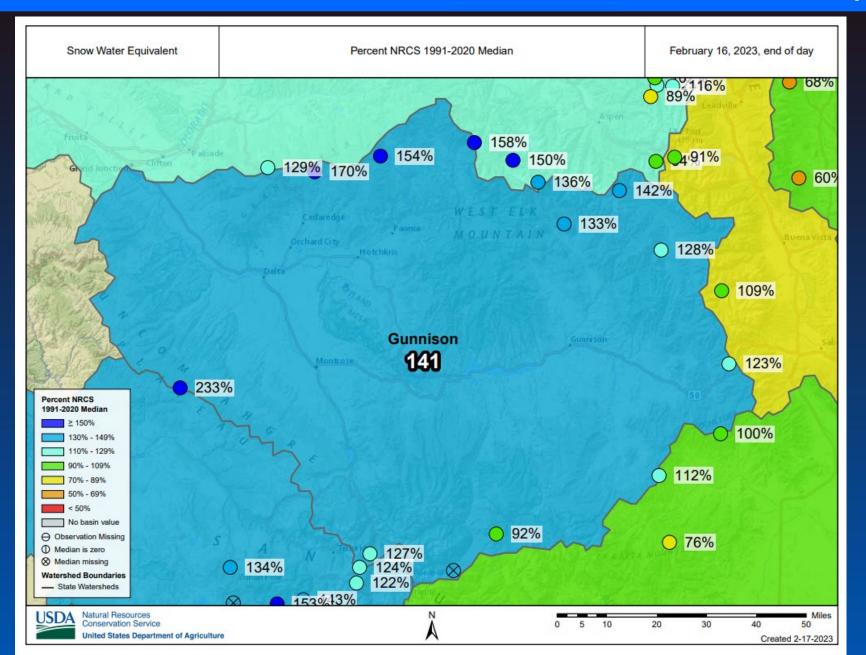
USDA

Colorado Snow Surveys

Major Basin Summary

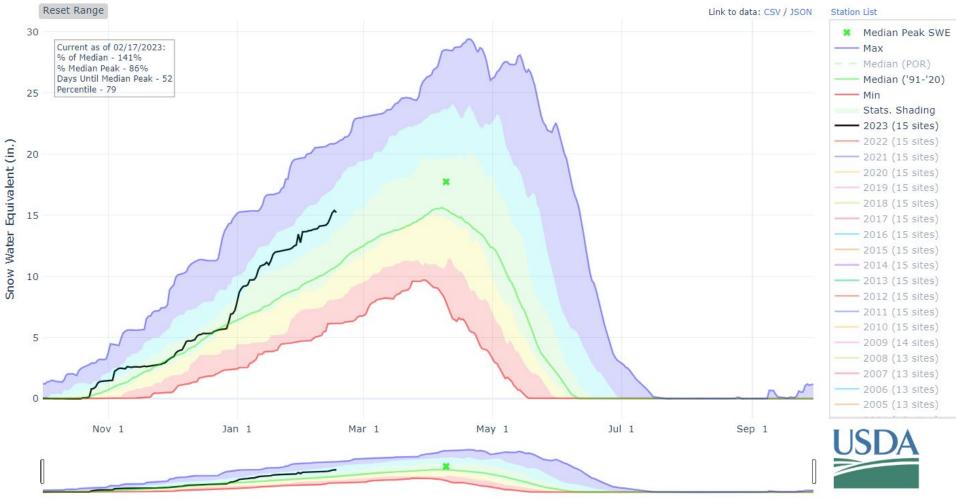




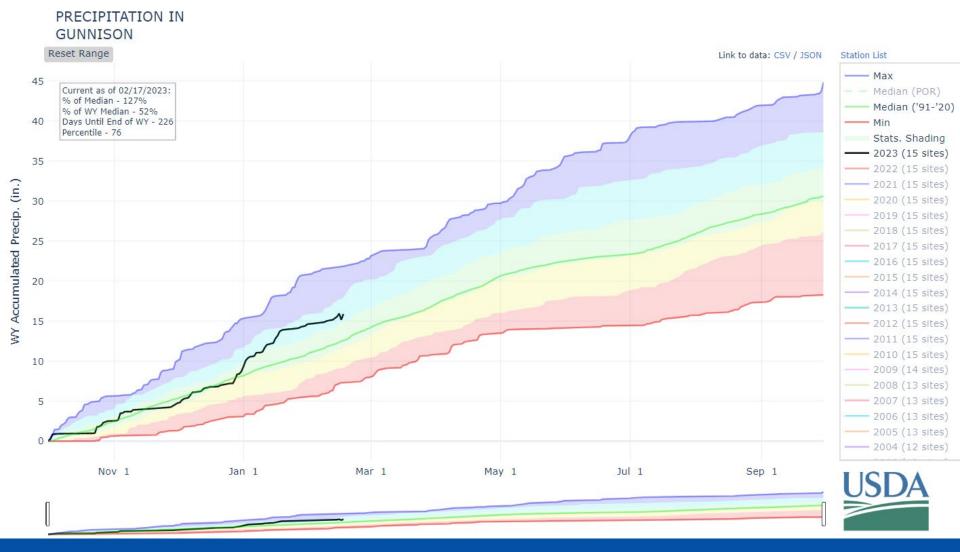




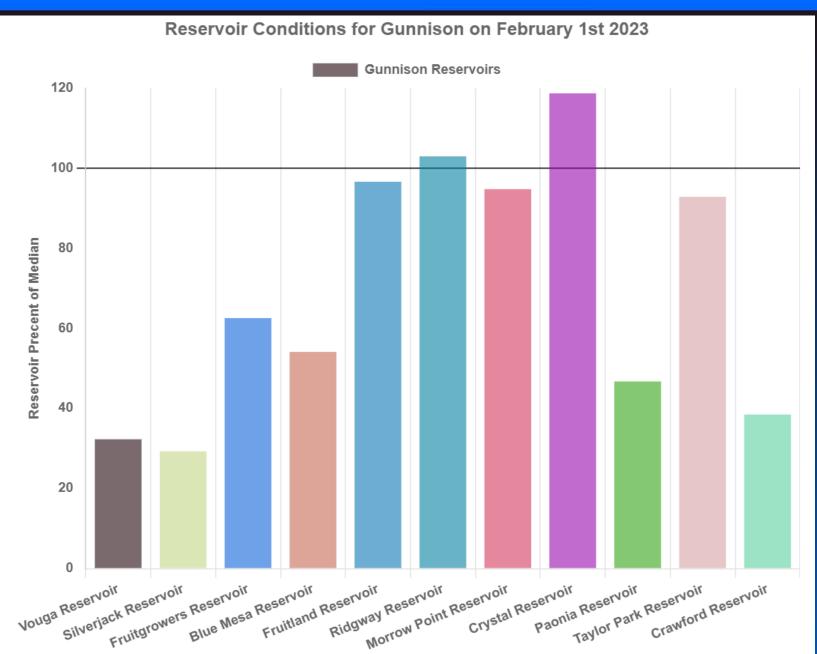




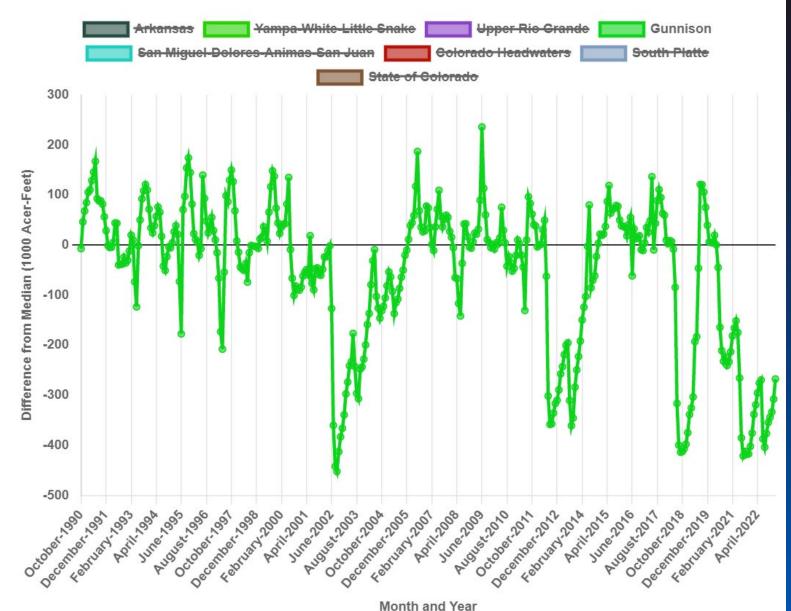






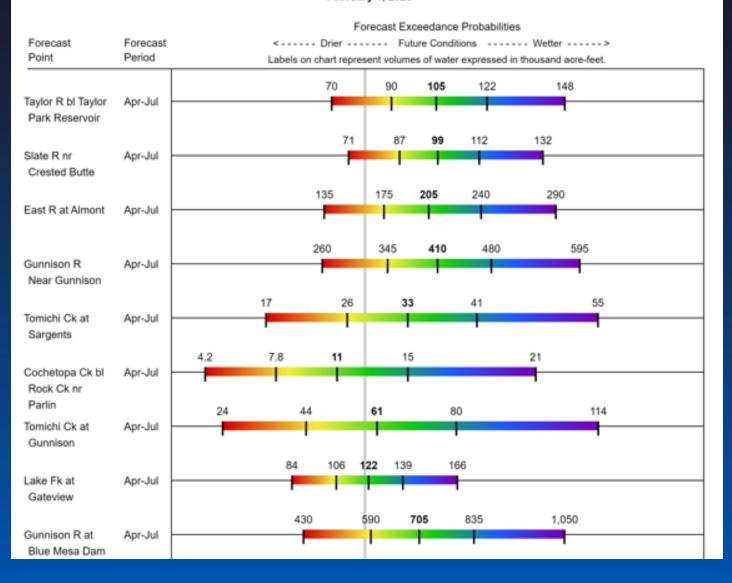




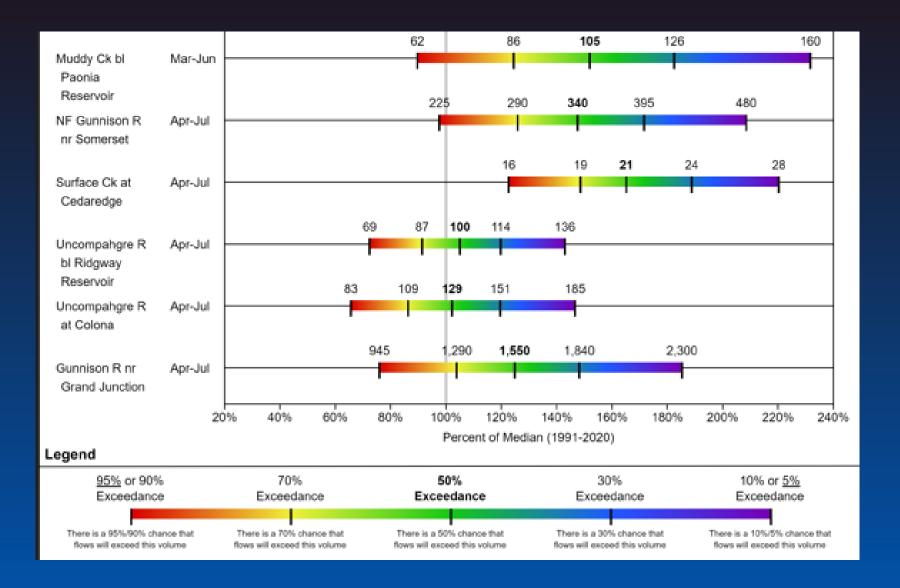


USDA United States Department of Agriculture

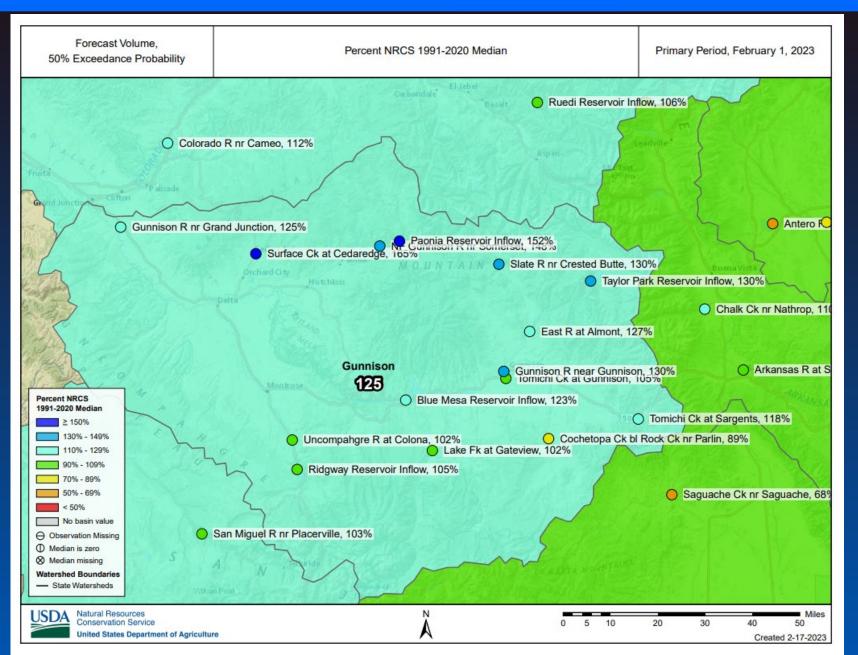
GUNNISON RIVER BASIN Water Supply Forecasts February 1, 2023









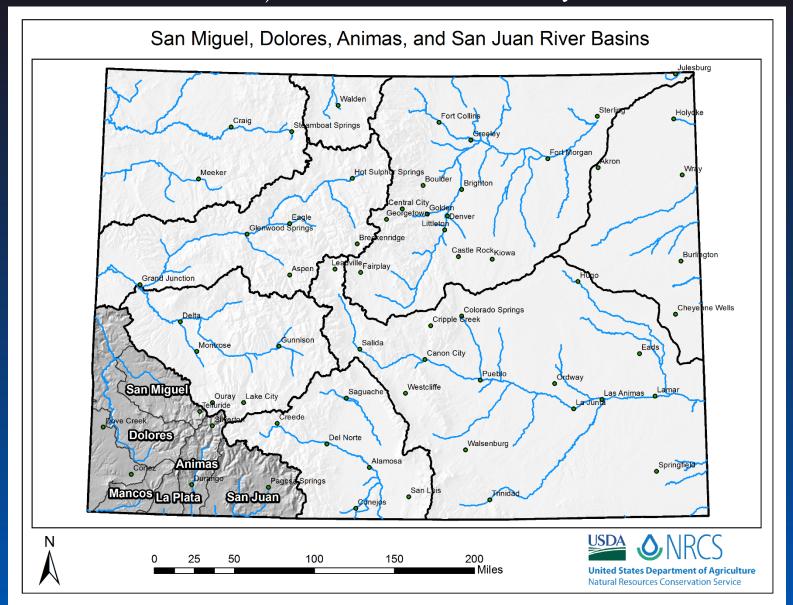


United States Department of Agriculture

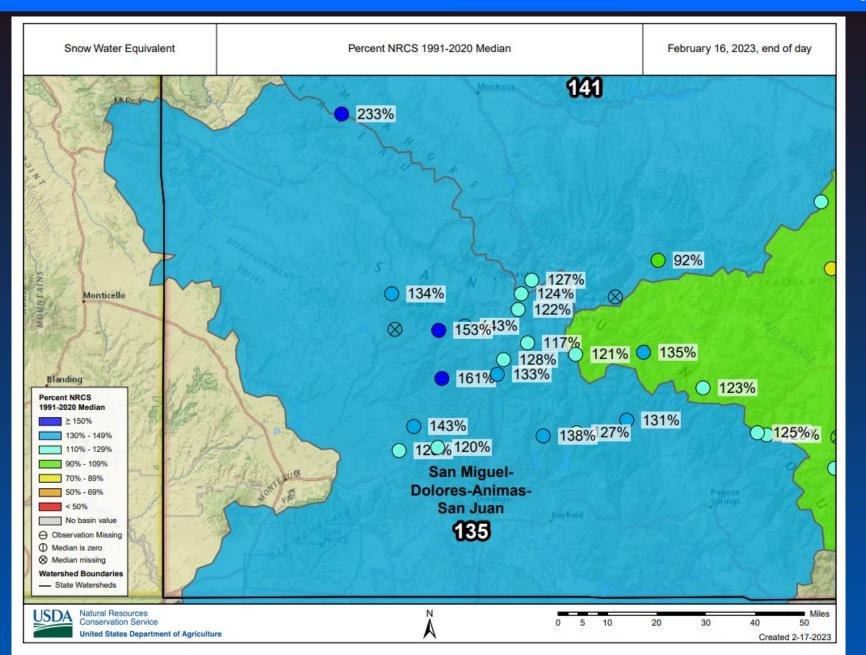
USDA

Colorado Snow Surveys

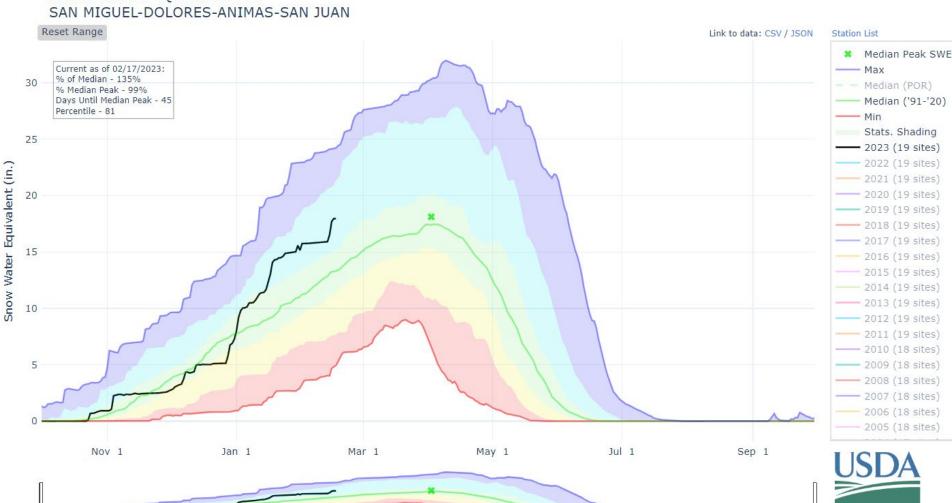
Major Basin Summary







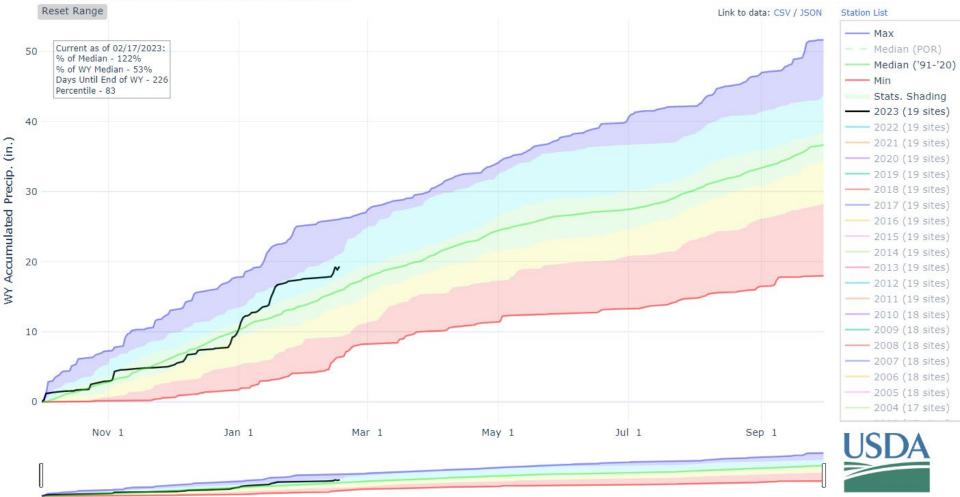




SNOW WATER EQUIVALENT IN

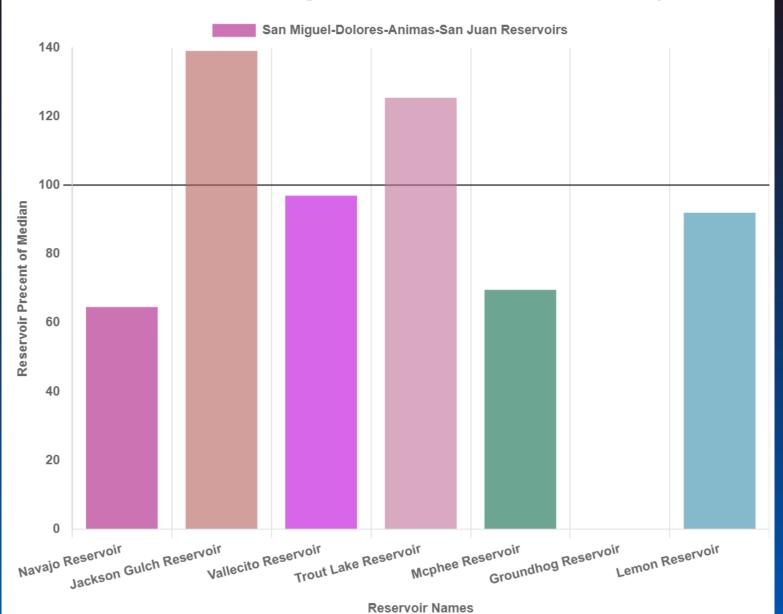


PRECIPITATION IN SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN



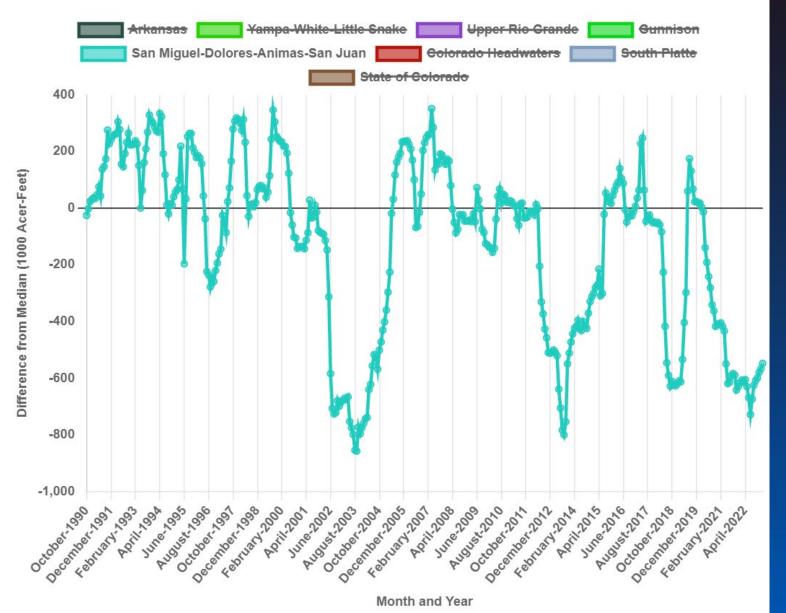


Reservoir Conditions for San Miguel-Dolores-Animas-San Juan on February 1st 2023

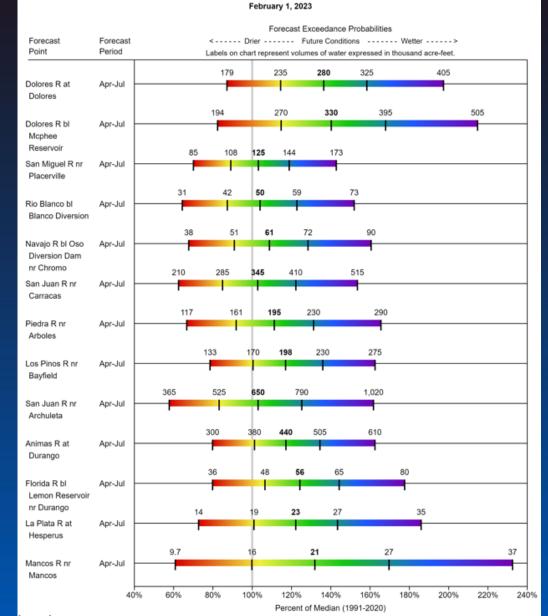




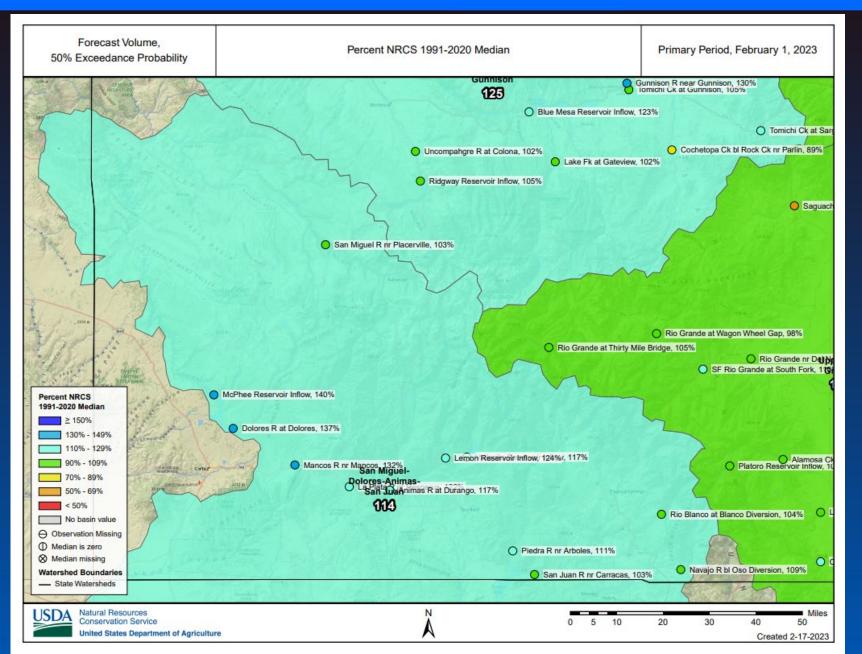
Departure from Median



SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN RIVER BASINS Water Supply Forecasts





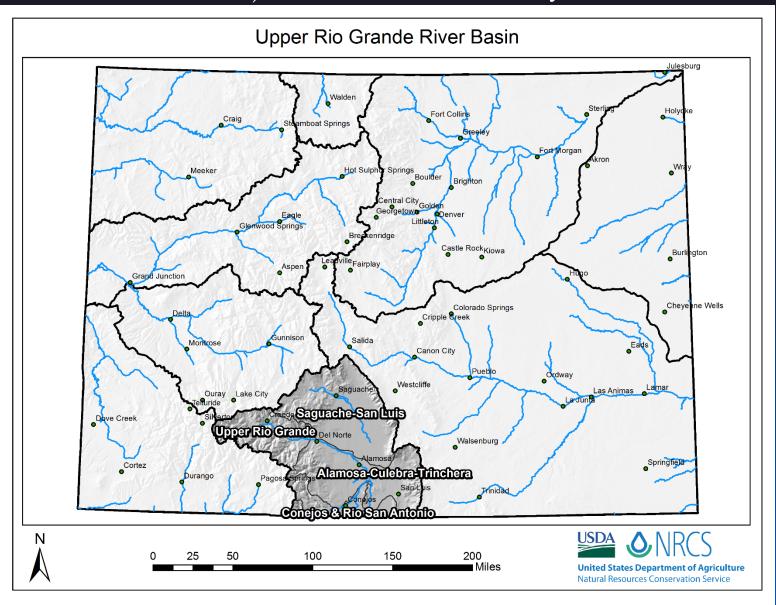




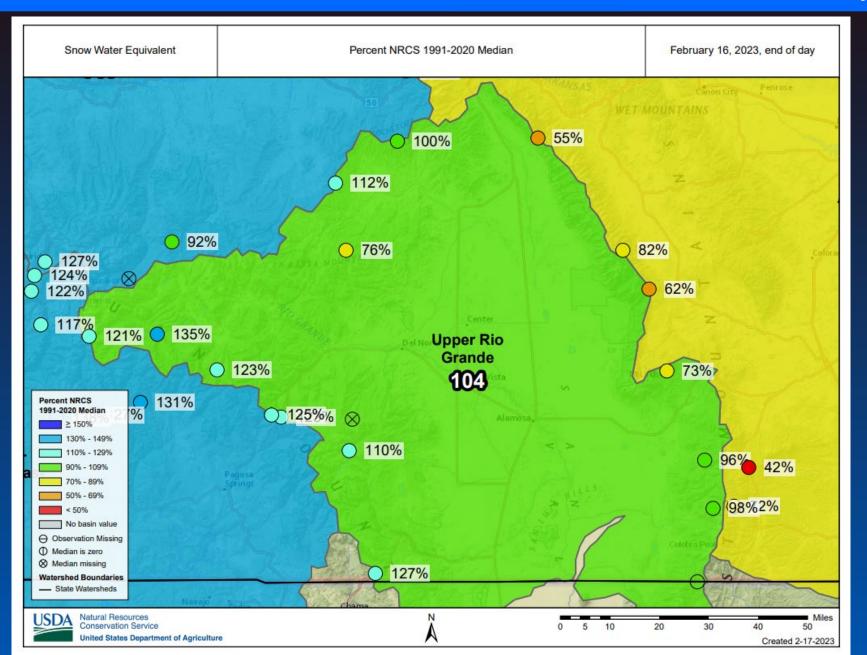
USDA

Colorado Snow Surveys

Major Basin Summary

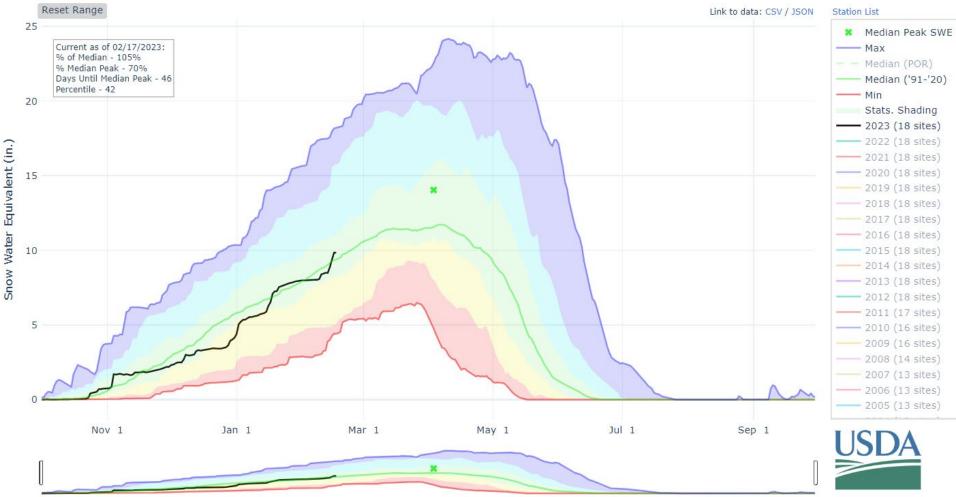




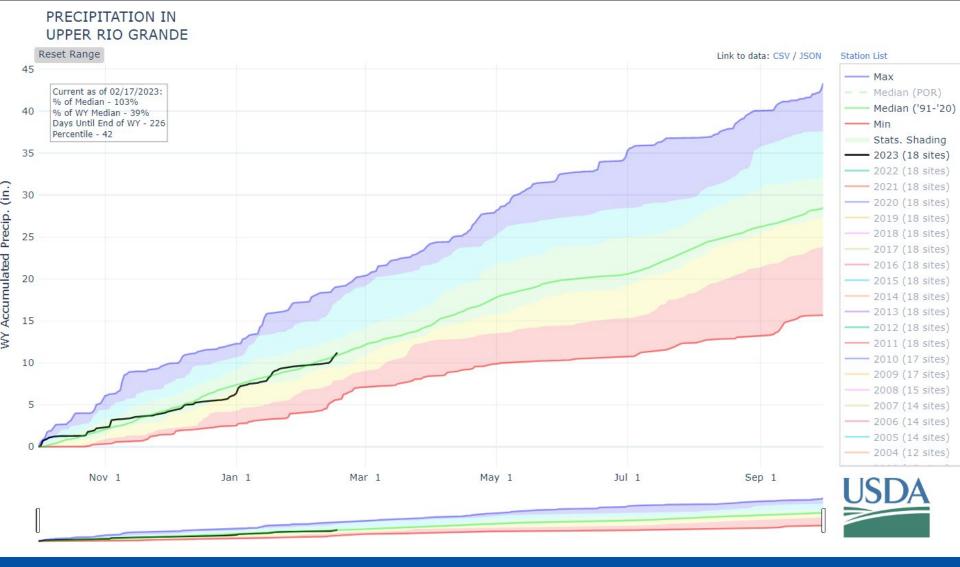






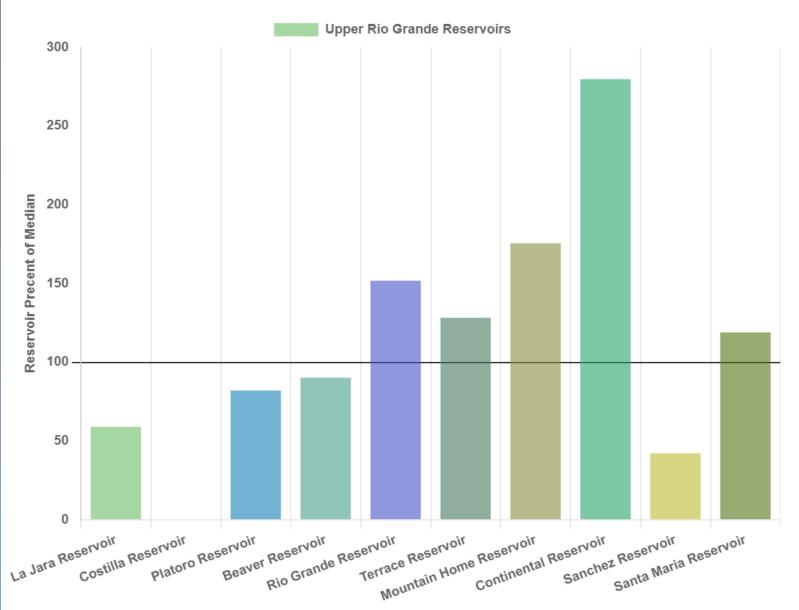






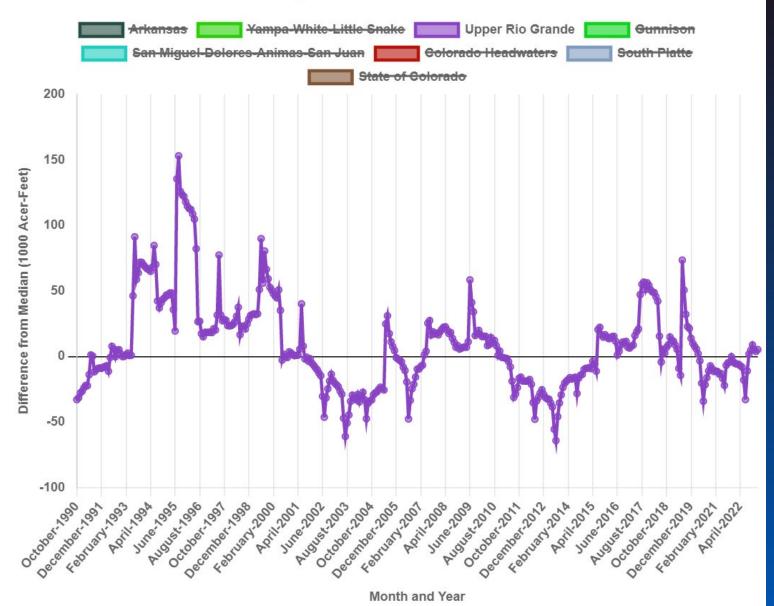




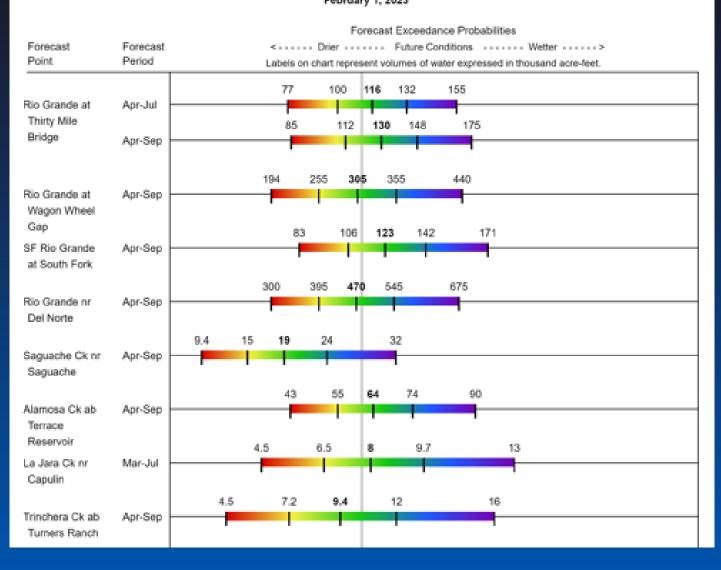




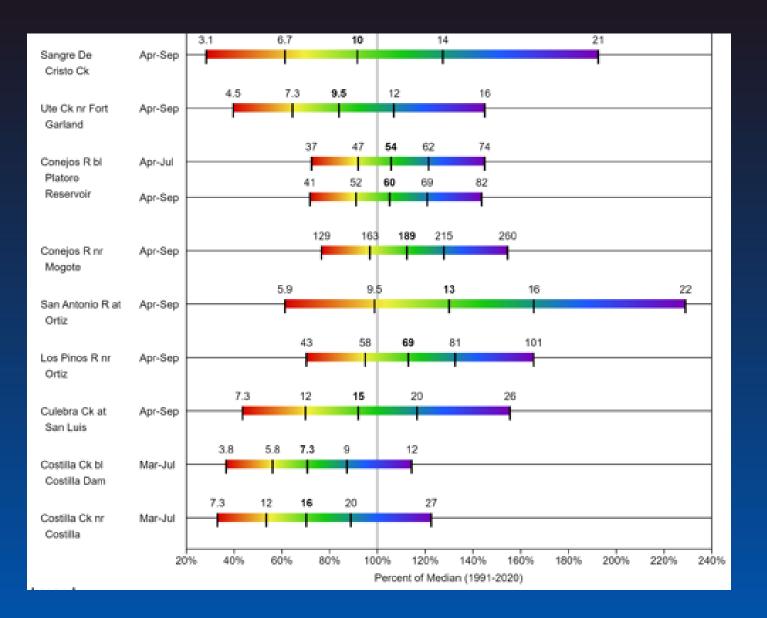
Departure from Median



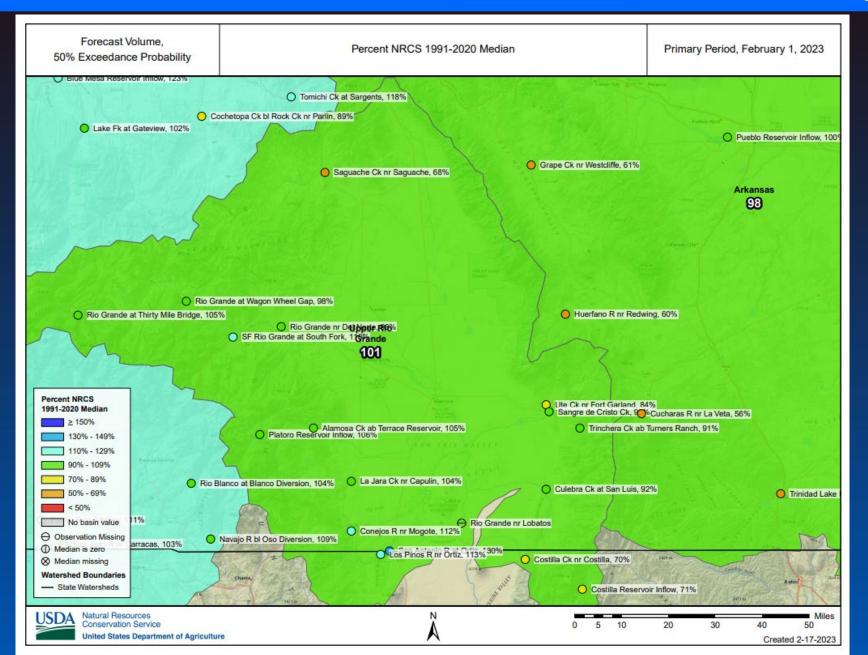
UPPER RIO GRANDE BASIN Water Supply Forecasts February 1, 2023



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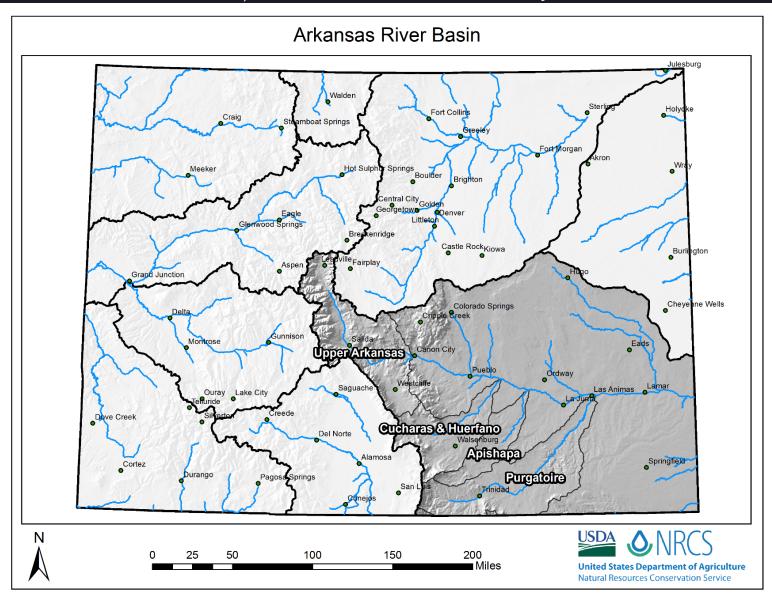




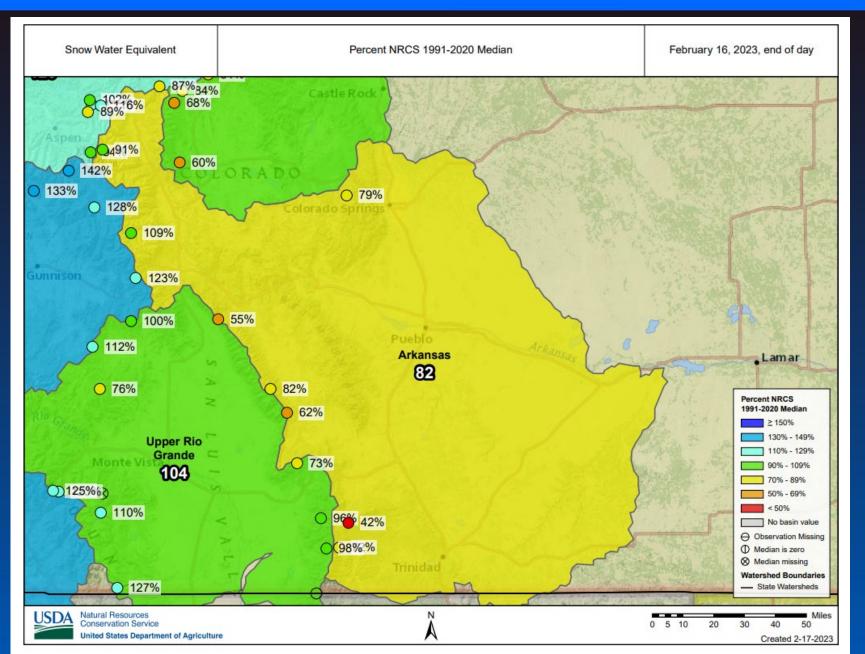
USDA

Colorado Snow Surveys

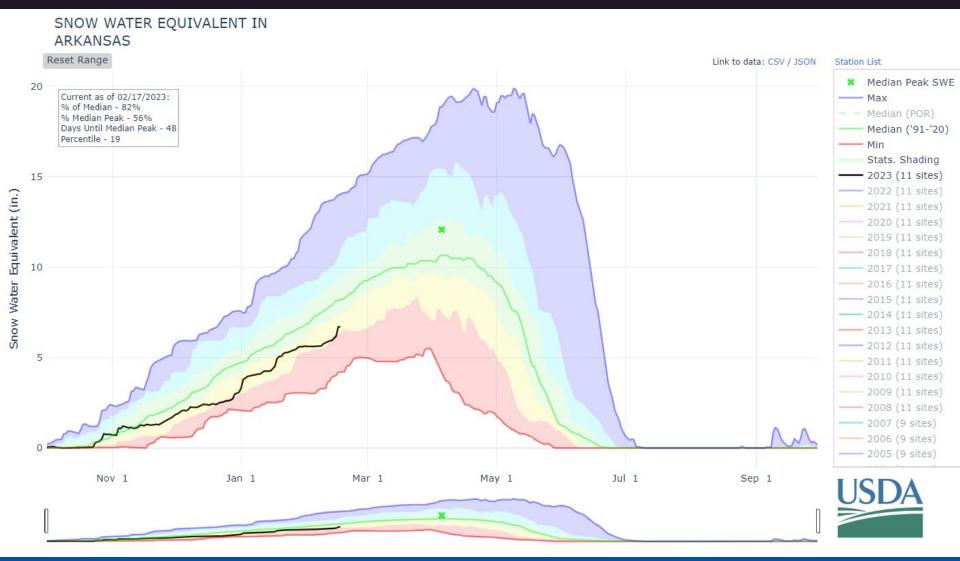
Major Basin Summary



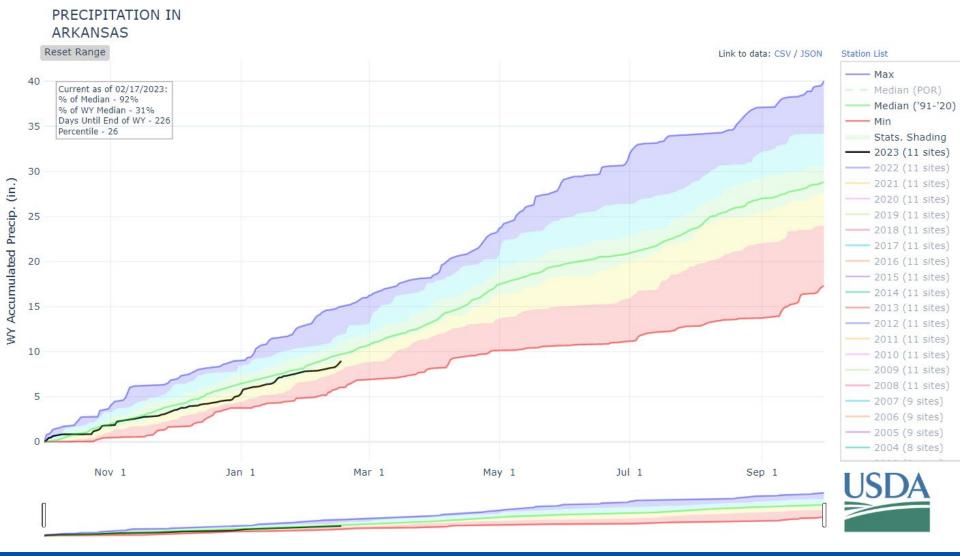






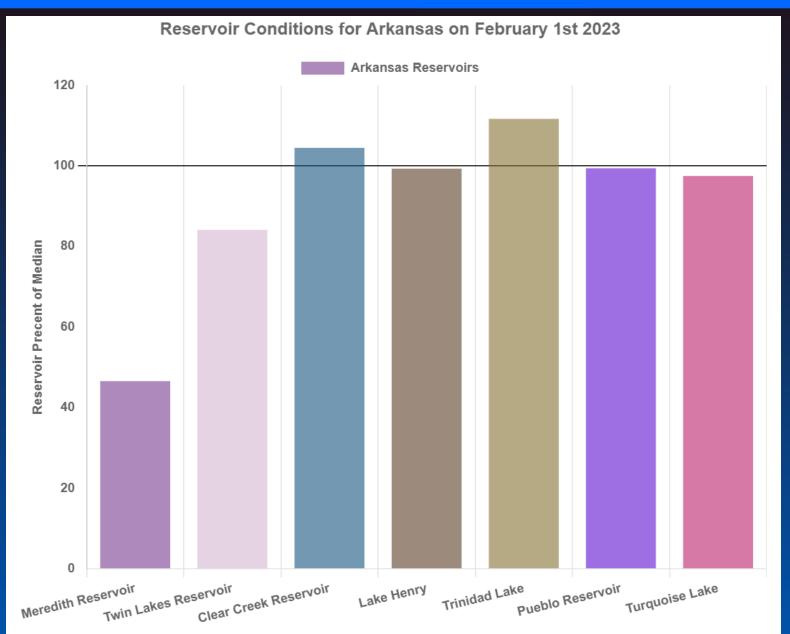






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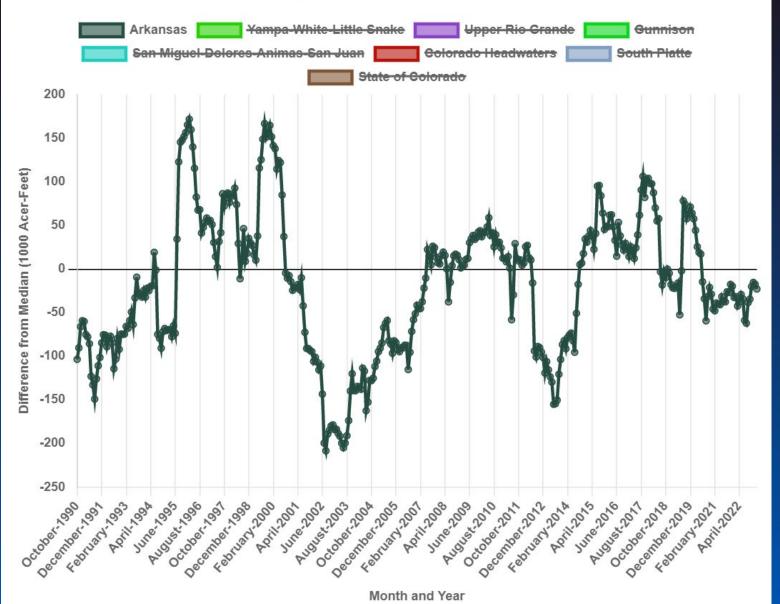
Colorado Snow Surveys



Reservoir Names



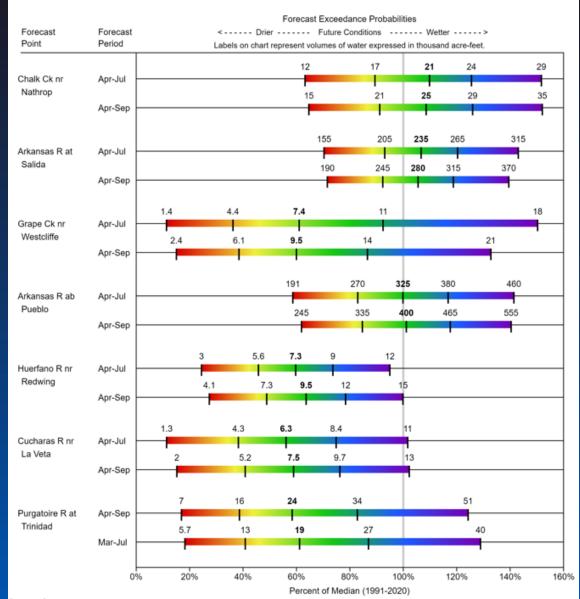
Departure from Median



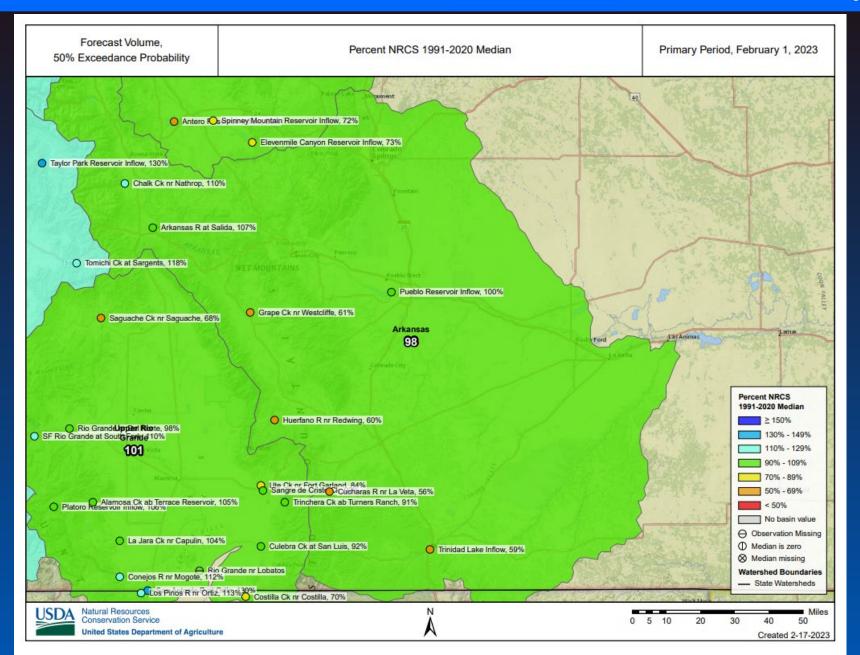


ARKANSAS RIVER BASIN Water Supply Forecasts

February 1, 2023

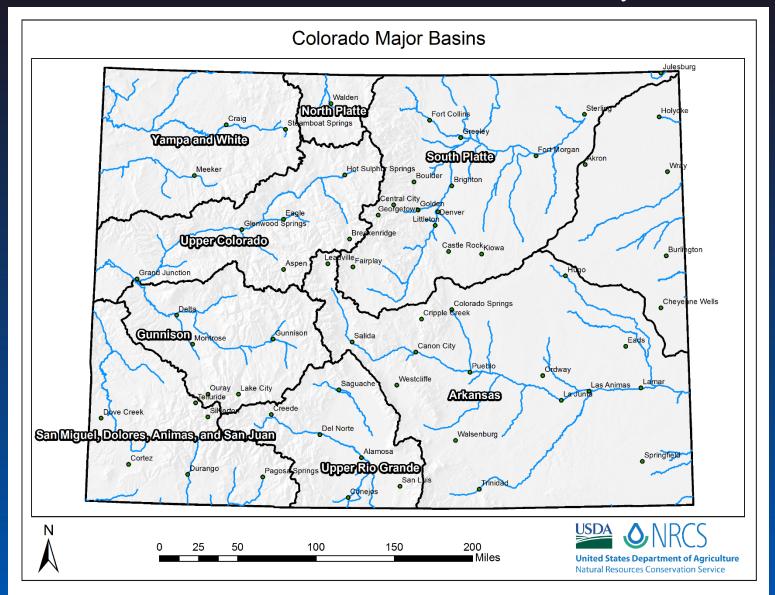




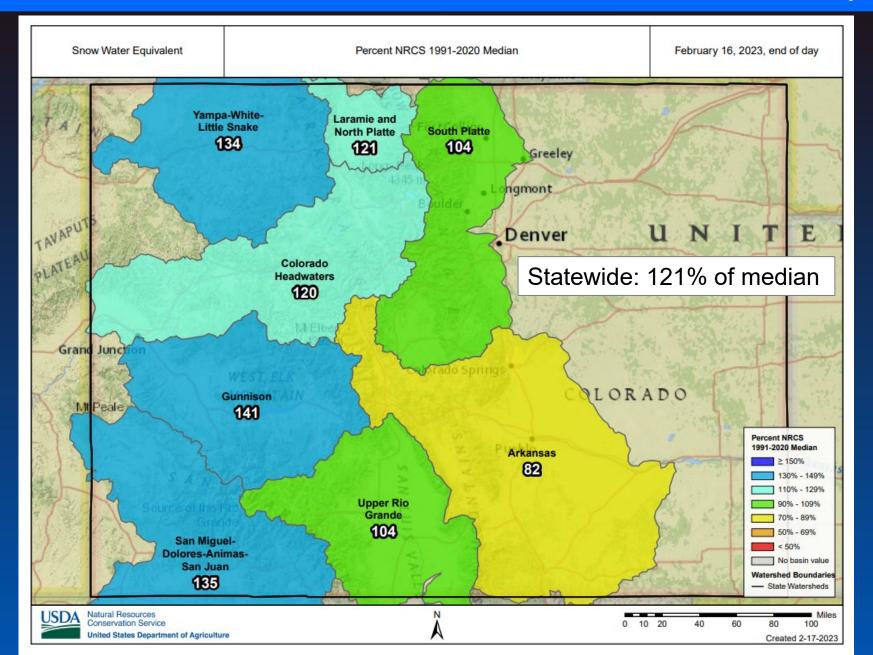




Colorado Statewide Summary

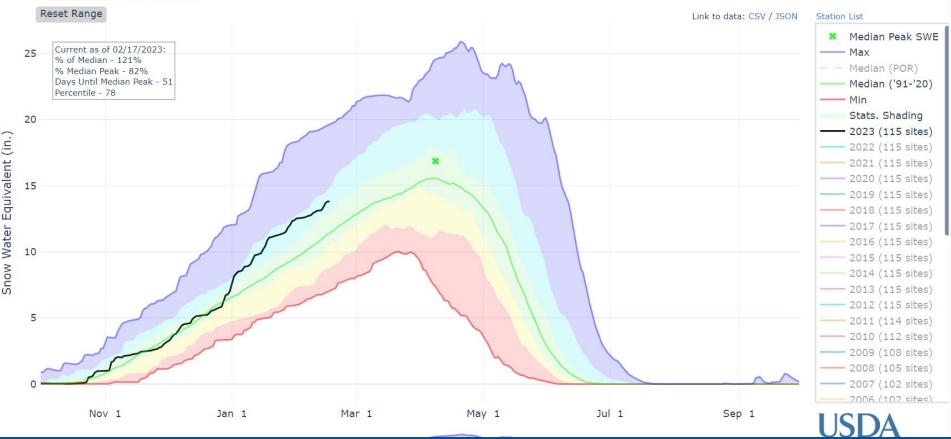




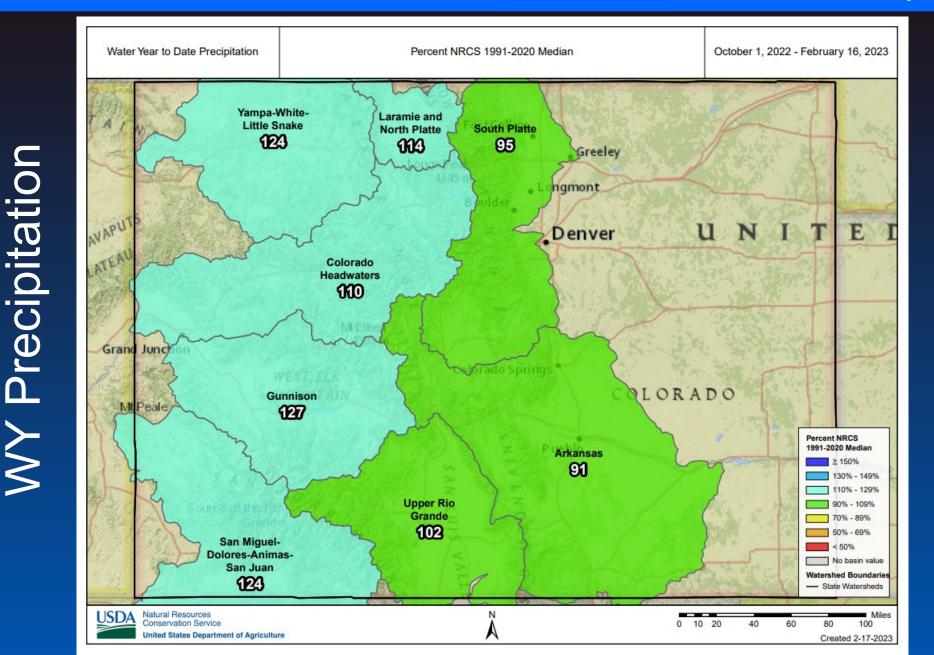




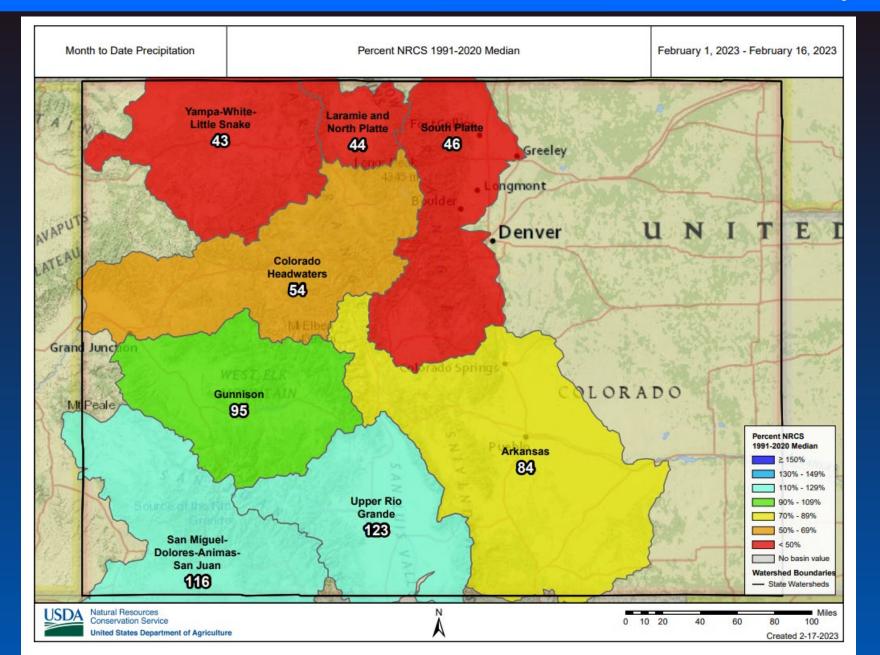
SNOW WATER EQUIVALENT IN STATE OF COLORADO





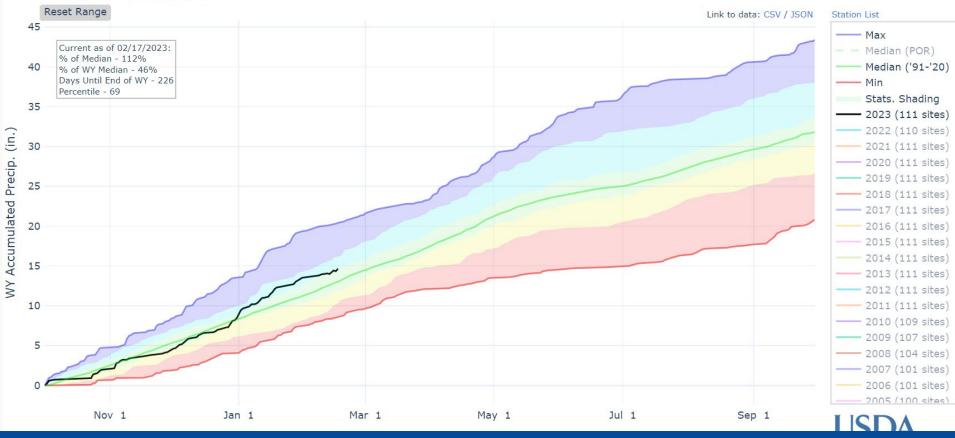




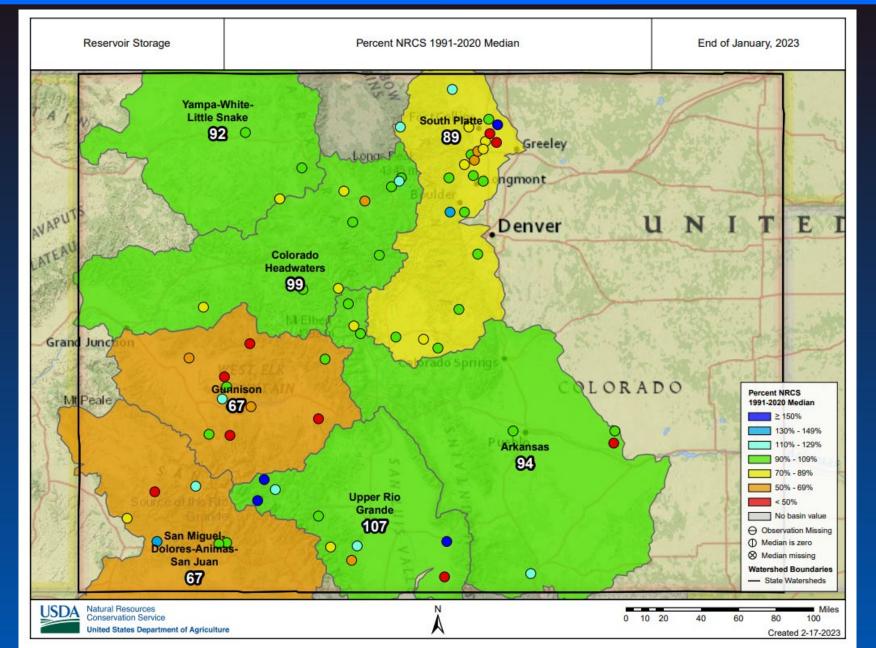




PRECIPITATION IN STATE OF COLORADO

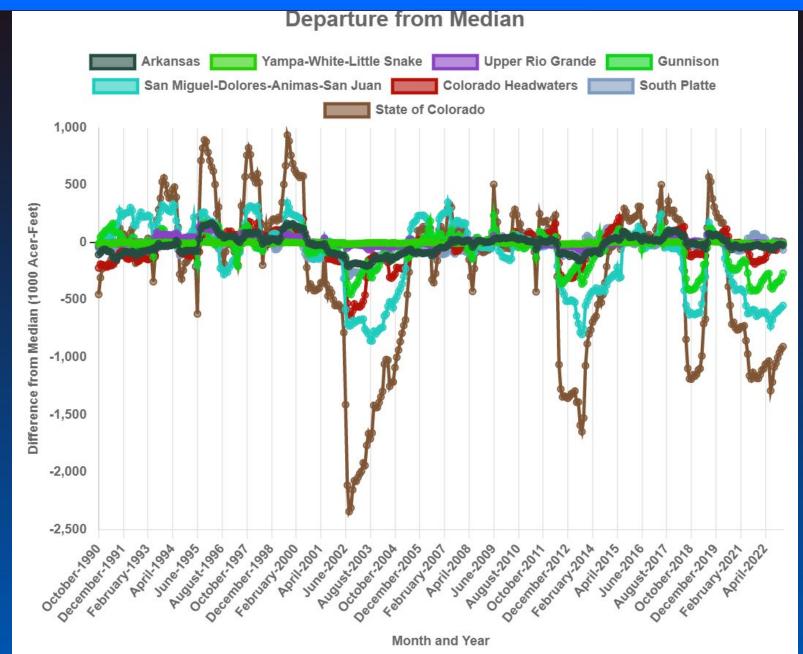






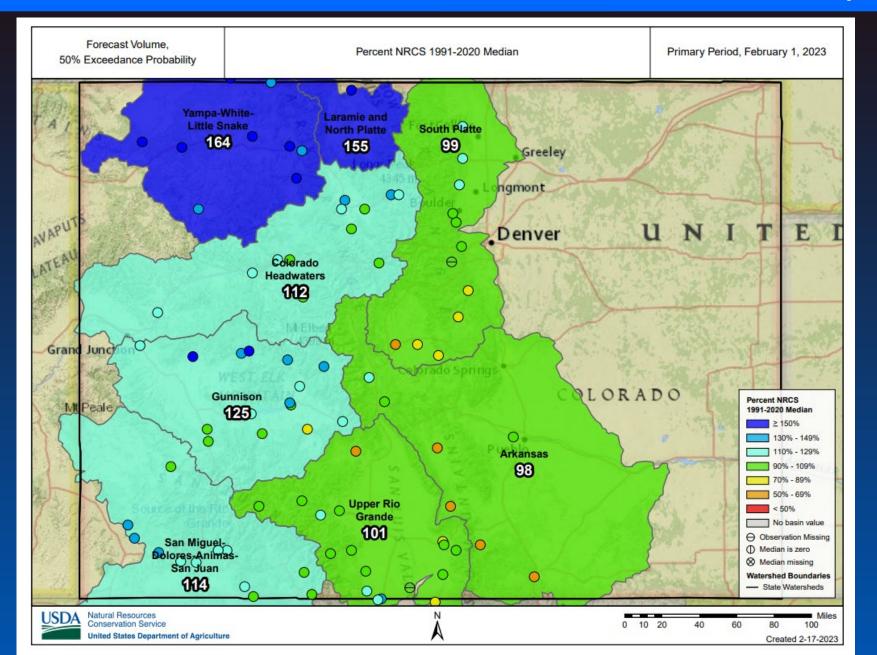
Reservoir Storage

USDA



United States Department of Agriculture





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Summary

•All major basins in Colorado are holding above normal snowpack with the exception of the Arkansas.

• Localized lower snowpacks in the Sangre de Cristo mountains and surrounding South Park may also have a greater local impact on water supply than the basinwide numbers indicate.

•February-to-date precipitation has been much lower than January and has largely favored Southwest Colorado.

•February 1st streamflow forecasts range from slightly below normal to well above across the major basins but many individual forecasts remain well below normal.

•Reservoir storage remains highly variable across Colorado with the Gunnison and combined Southwest Basins holding substantially less water than any other basins.

•Statewide snowpack has reached 82 percent of the median peak value with about a month and a half remaining in what is commonly the primary snowpack accumulation season. Bearing in mind that spring weather can always have a substantial impact on resulting water supply.



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