

# Water Availability Task Force Meeting July 25<sup>th</sup>, 2023

# NRCS Snow Survey and Water Supply Forecasting Program

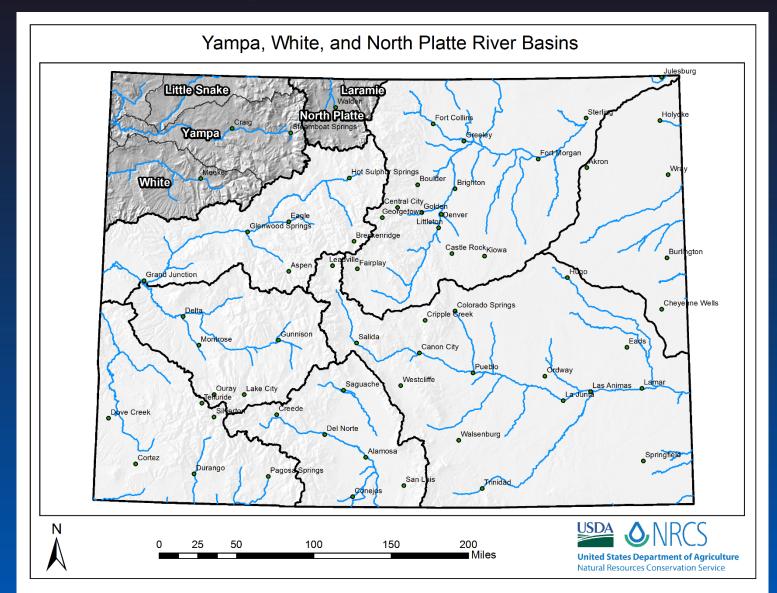
Karl Wetlaufer Hydrologist Karl.Wetlaufer@usda.gov 720-544-2853 http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/



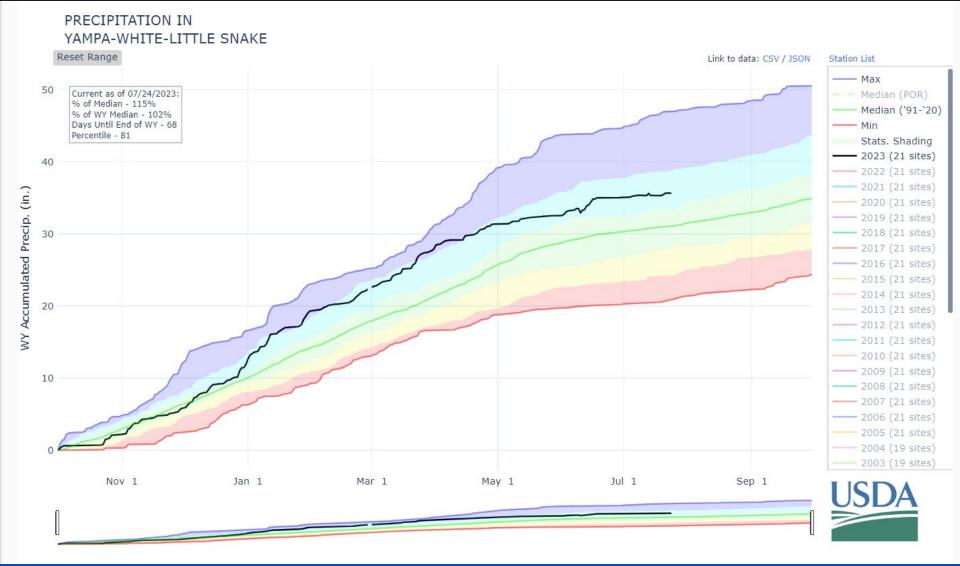
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#### **Colorado Snow Surveys**

# Major Basin Summary



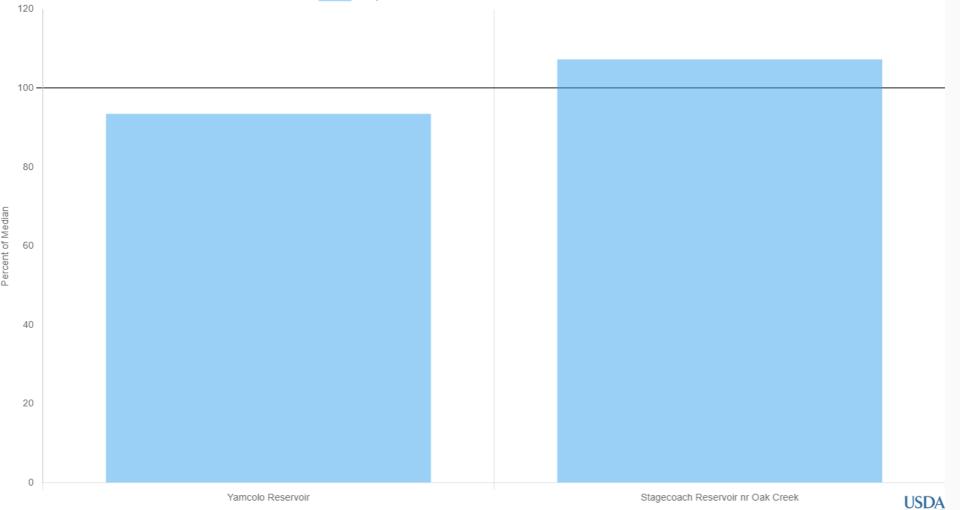




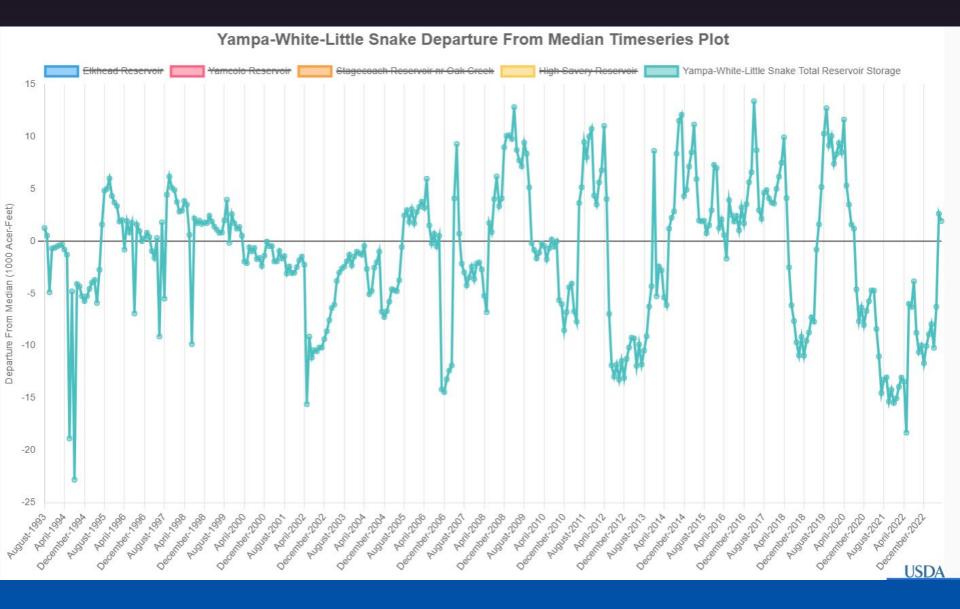




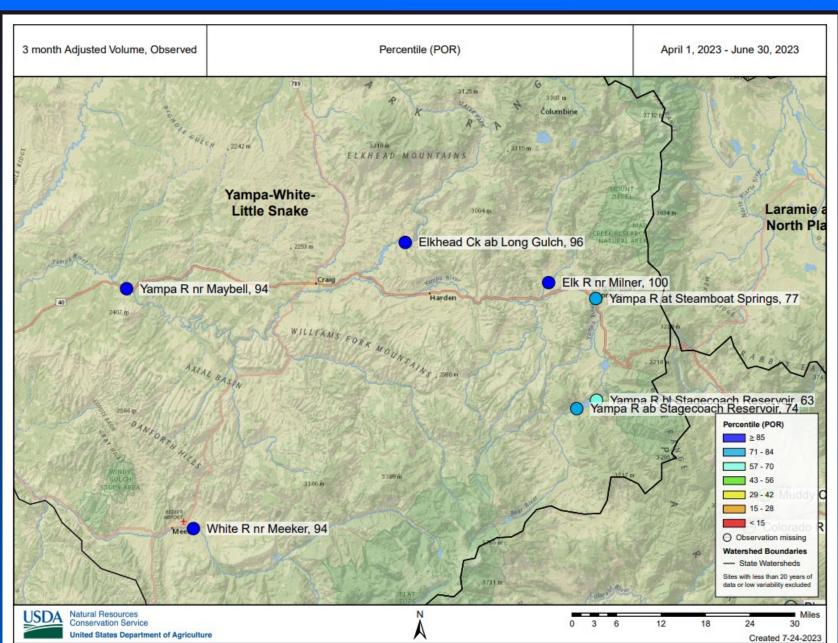
Yampa-White-Little Snake Reservoirs as a Percent of Median

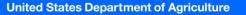








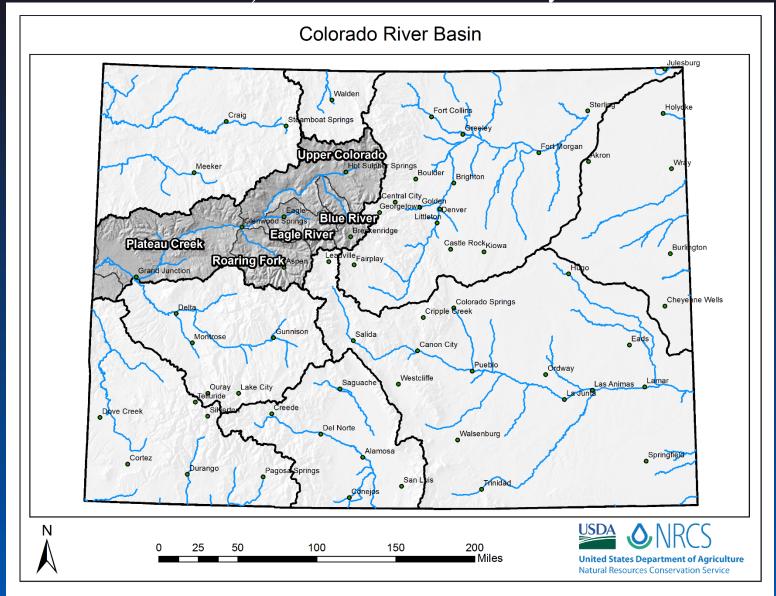




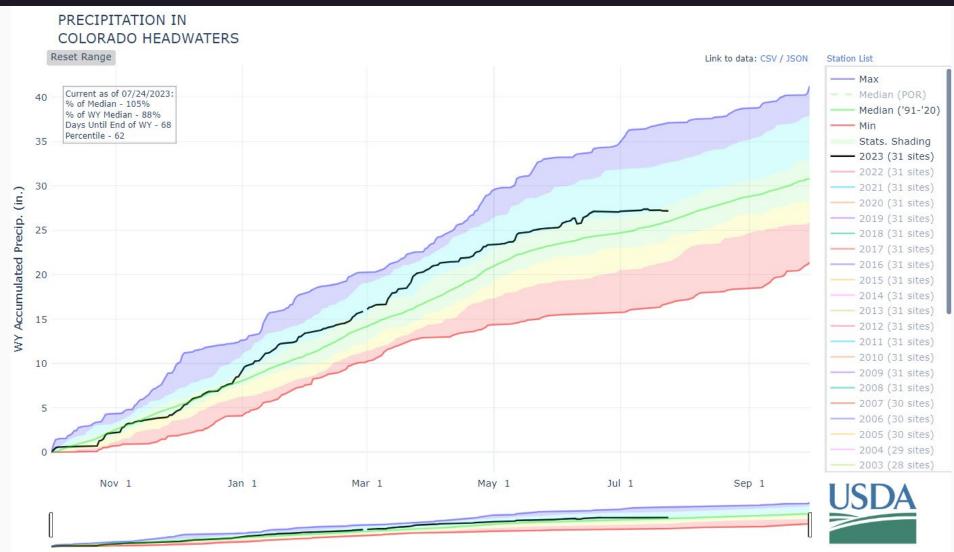
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#### **Colorado Snow Surveys**

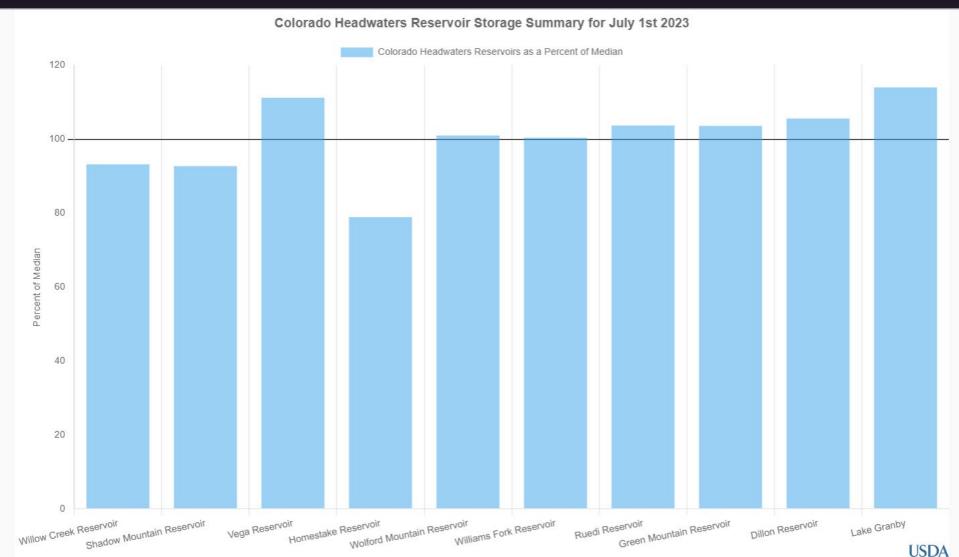
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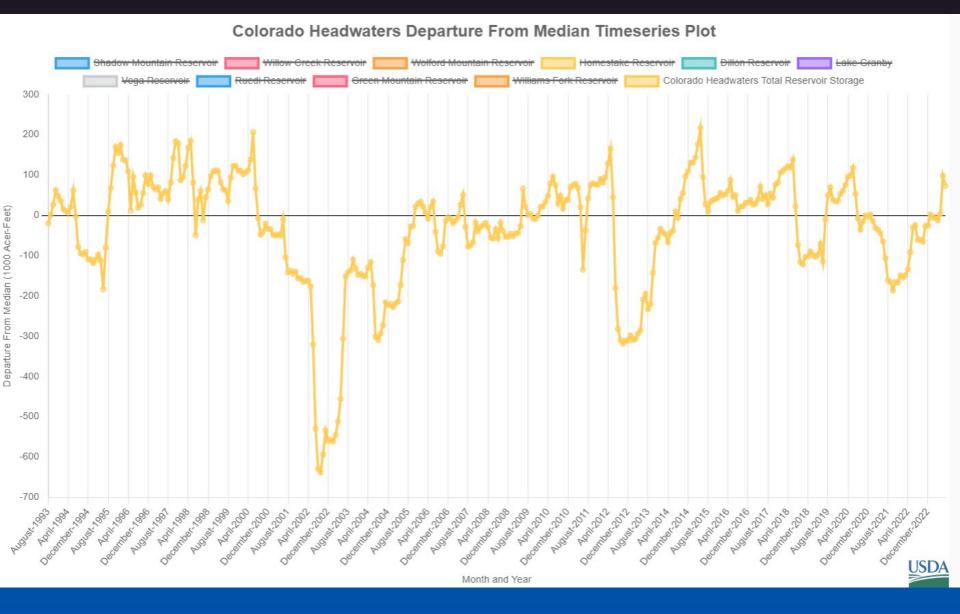




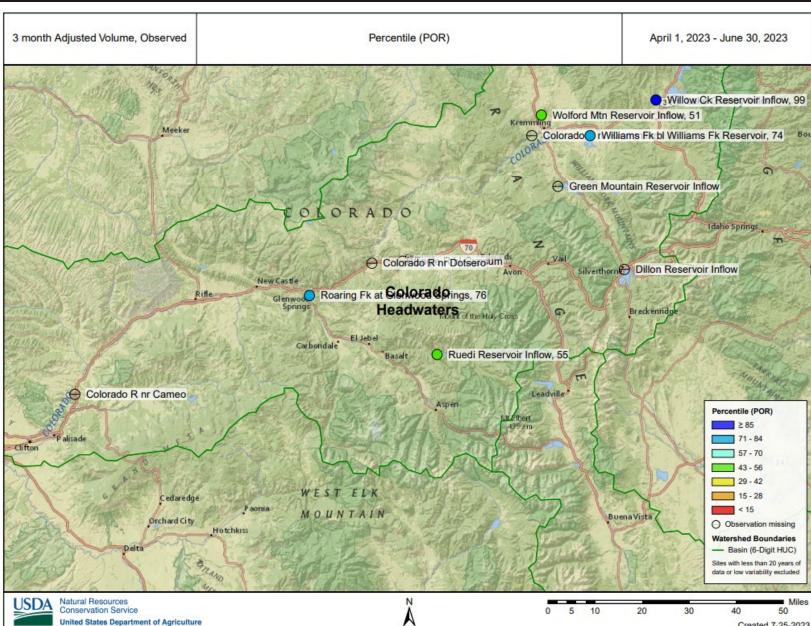












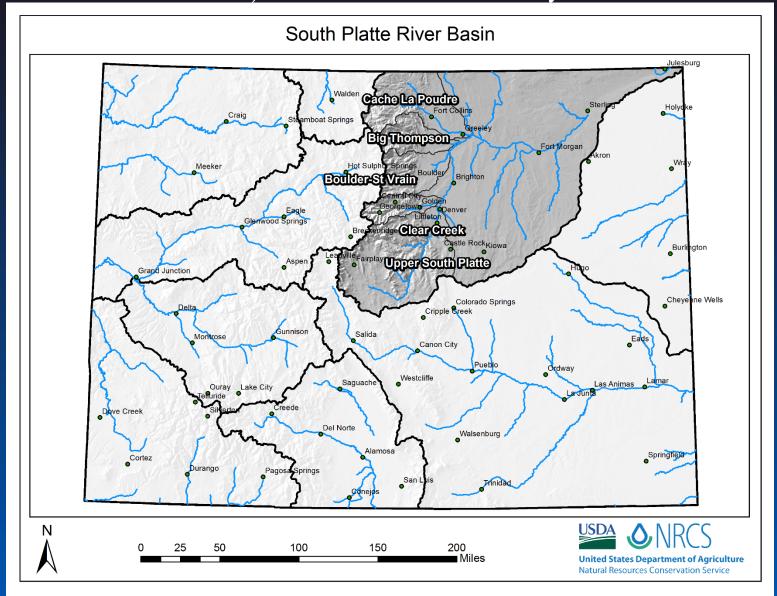
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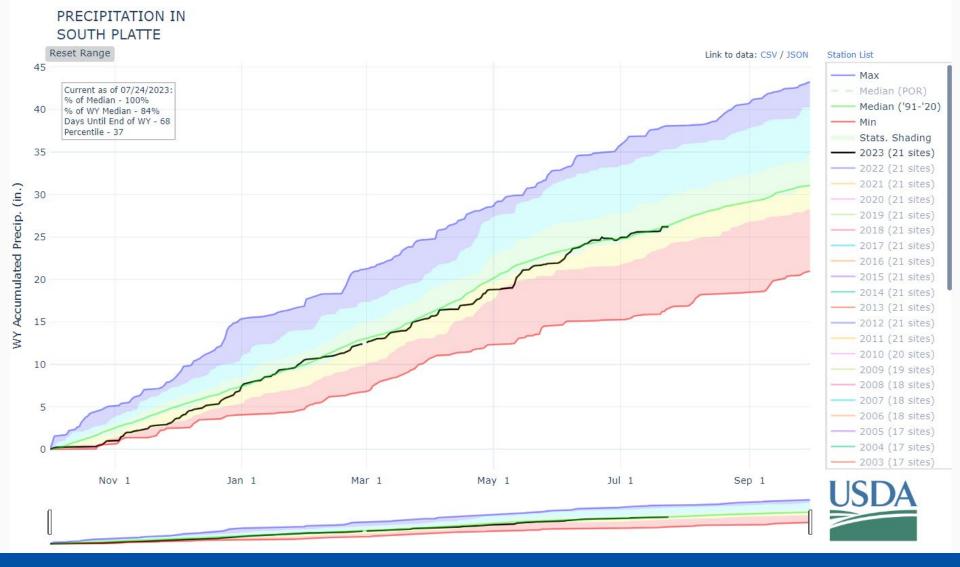
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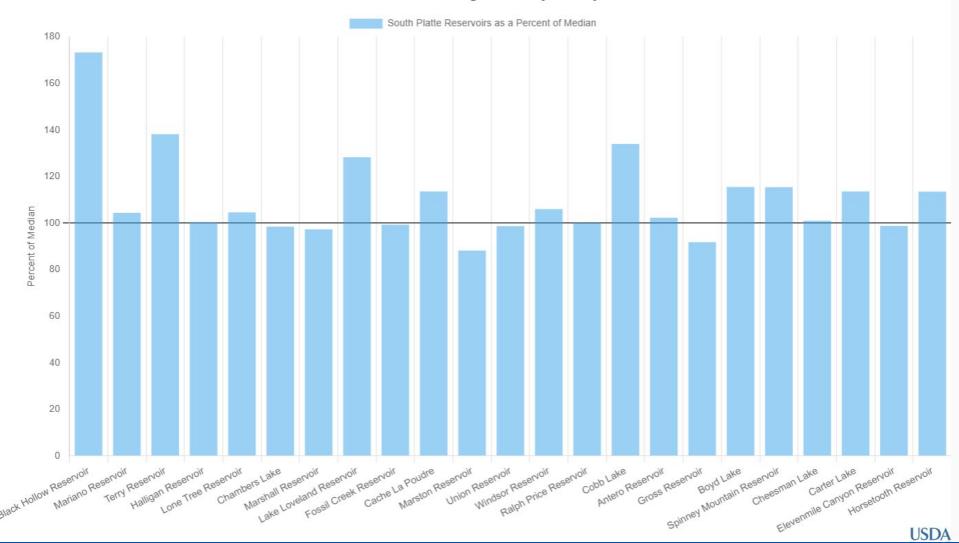




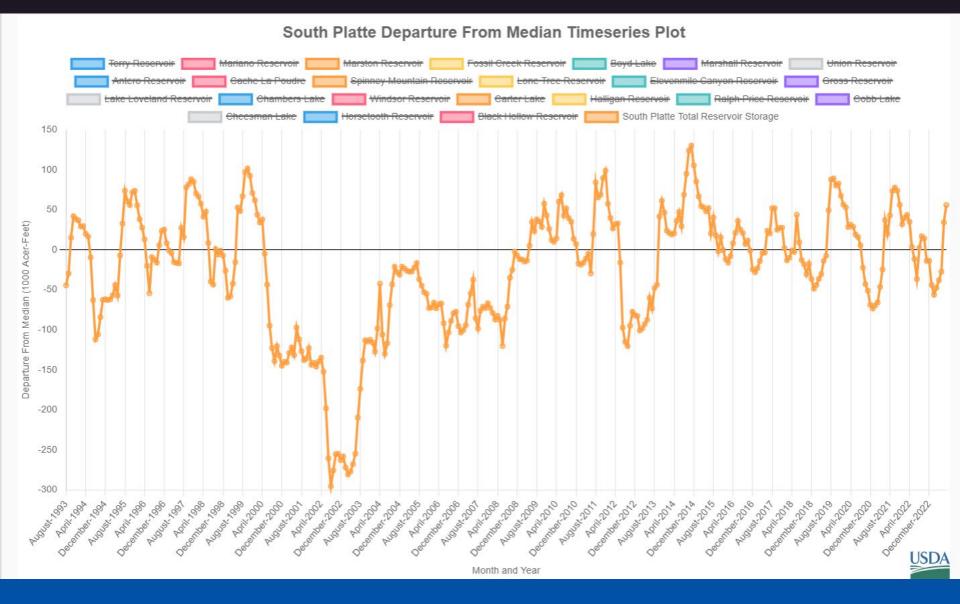










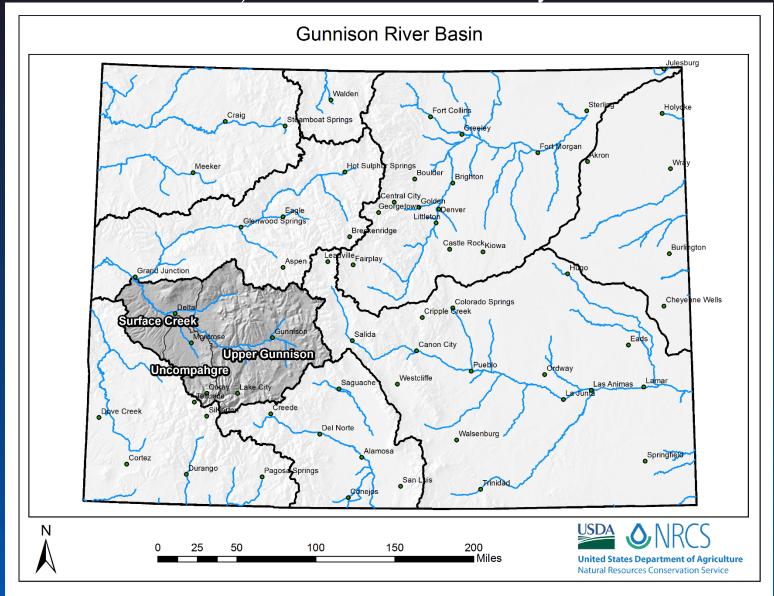




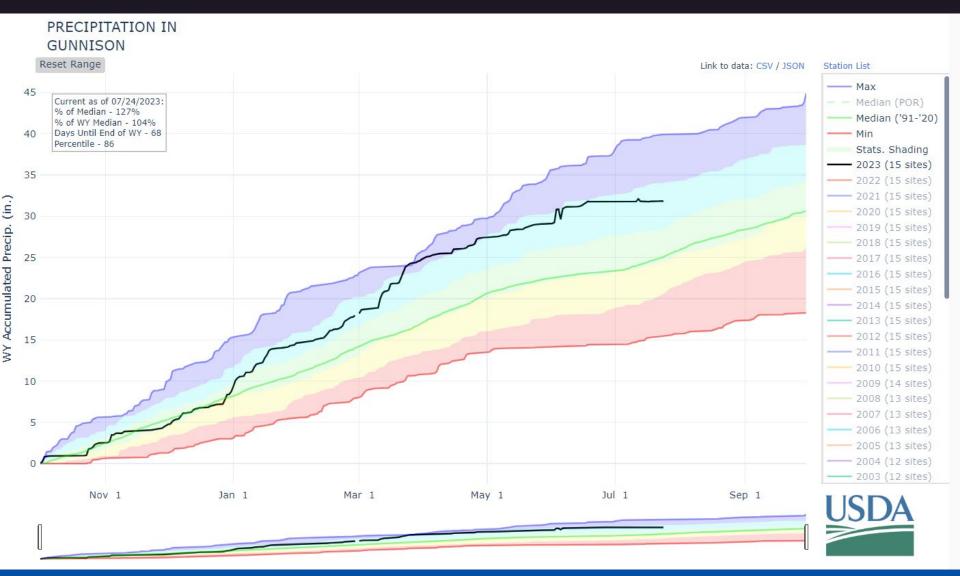
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# Major Basin Summary









Percent of Median

#### **Colorado Snow Surveys**

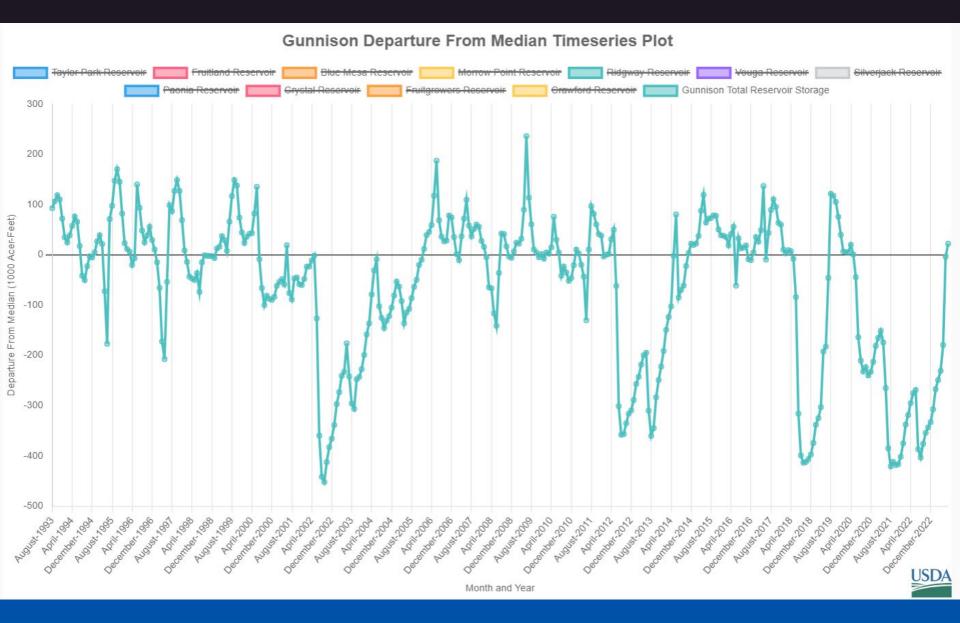
# Gunnison Reservoir Storage Summary for July 1st 2023 Gunnison Reservoirs as a Percent of Median 140 120 100 80 60 40 20 0

 Vouga Reservoir
 Fruitgrowers Reservoir
 Fruitland Reservoir
 Crystal Reservoir
 Crawford Reservoir
 Paonia Reservoir
 Reservoir
 Reservoir

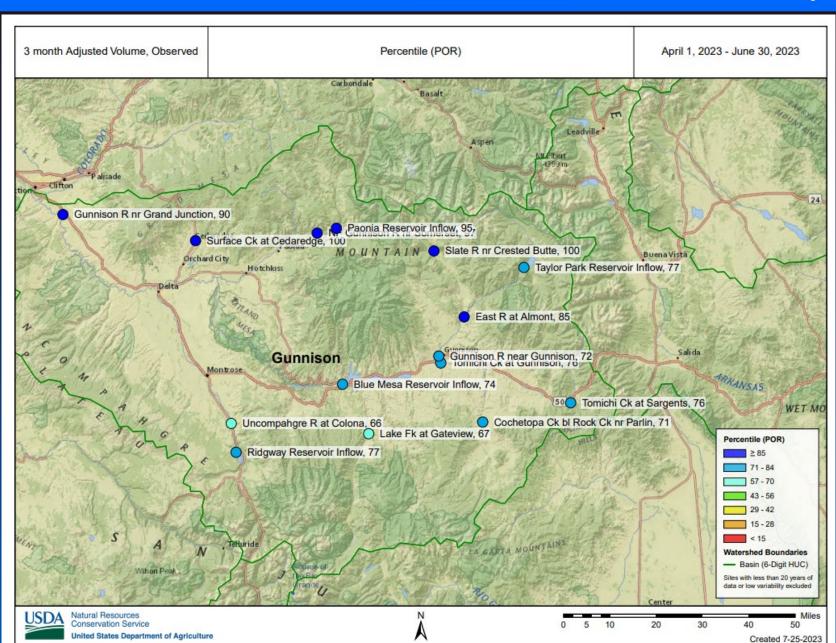
 Fruitgrowers Reservoir
 Fruitland Reservoir
 Crystal Reservoir
 Silverjack Reservoir
 Paonia Reservoir
 Ridgway Reservoir
 Norrow Point Reservoir









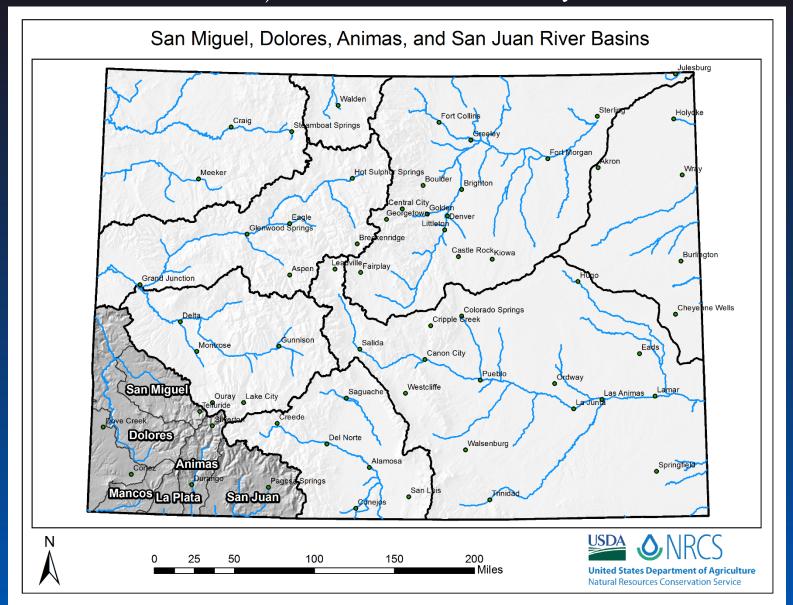


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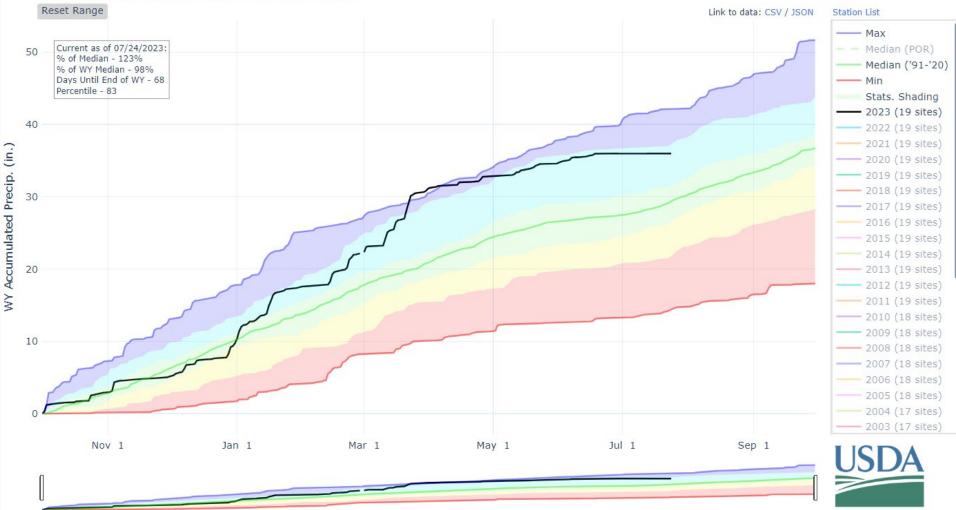
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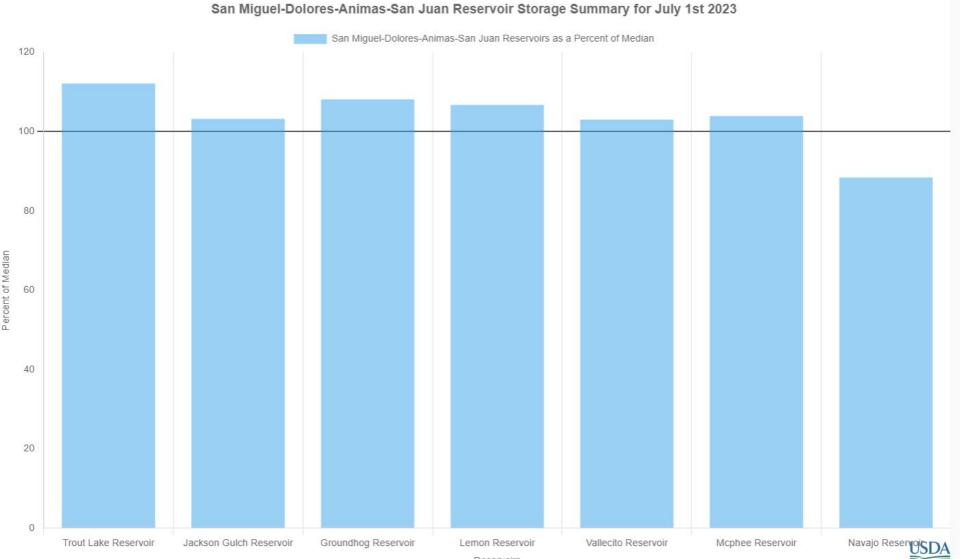




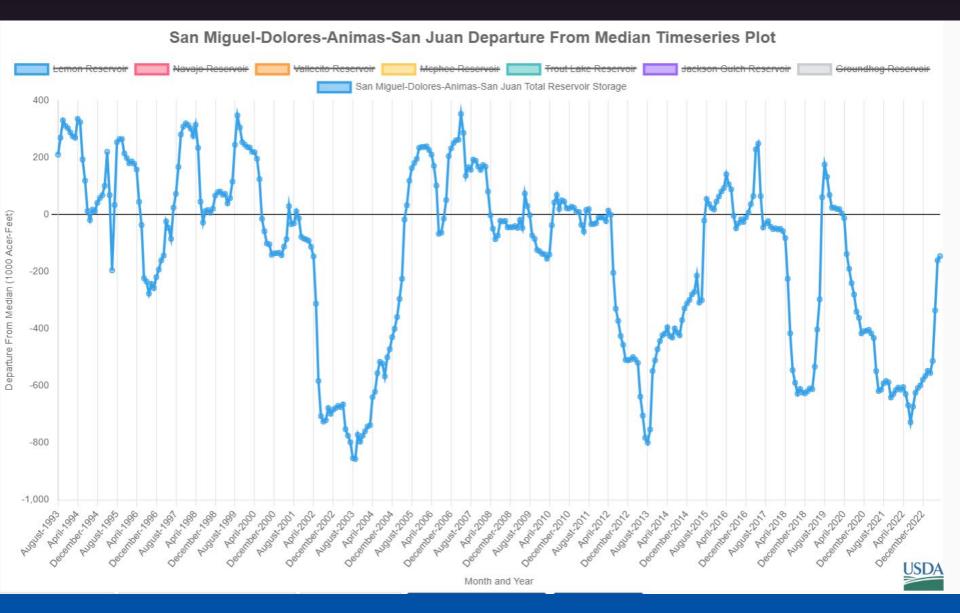
PRECIPITATION IN SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN



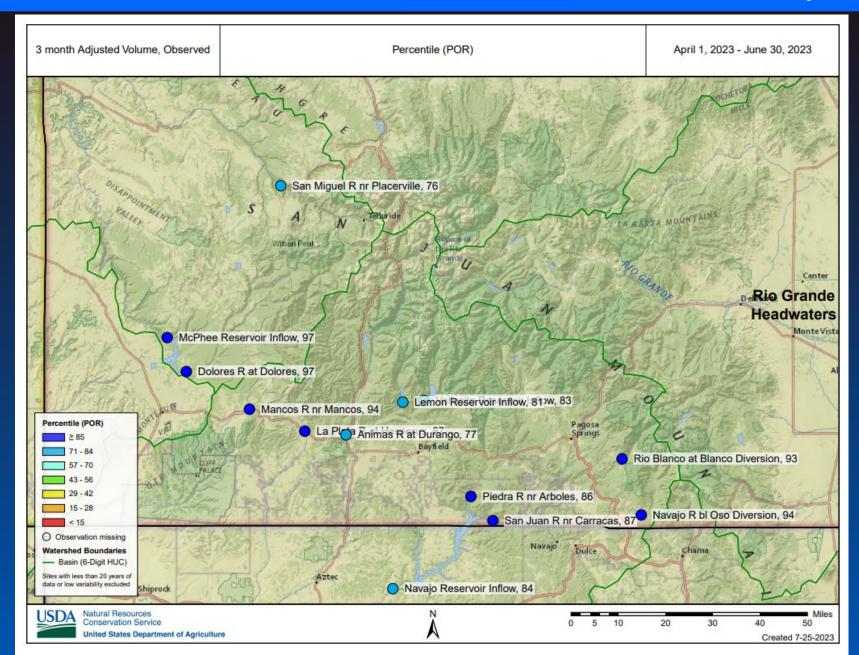










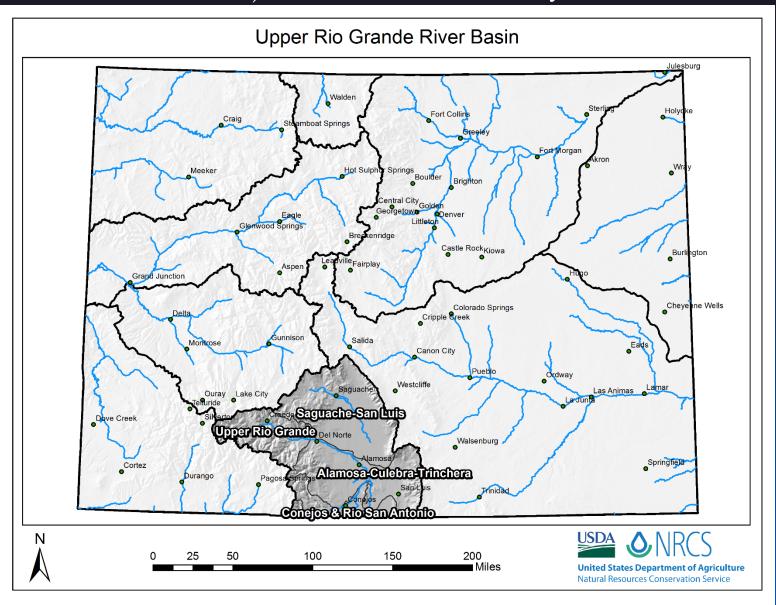




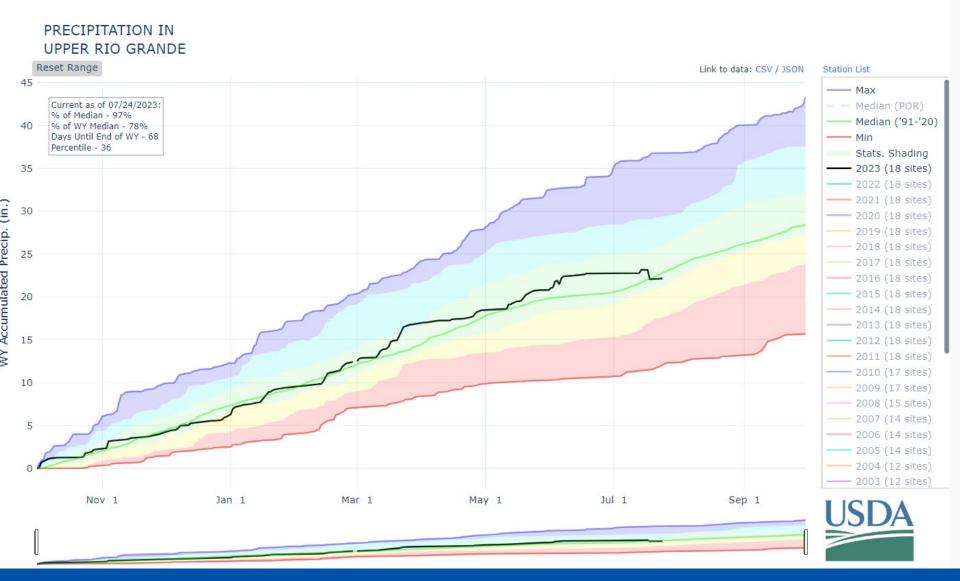
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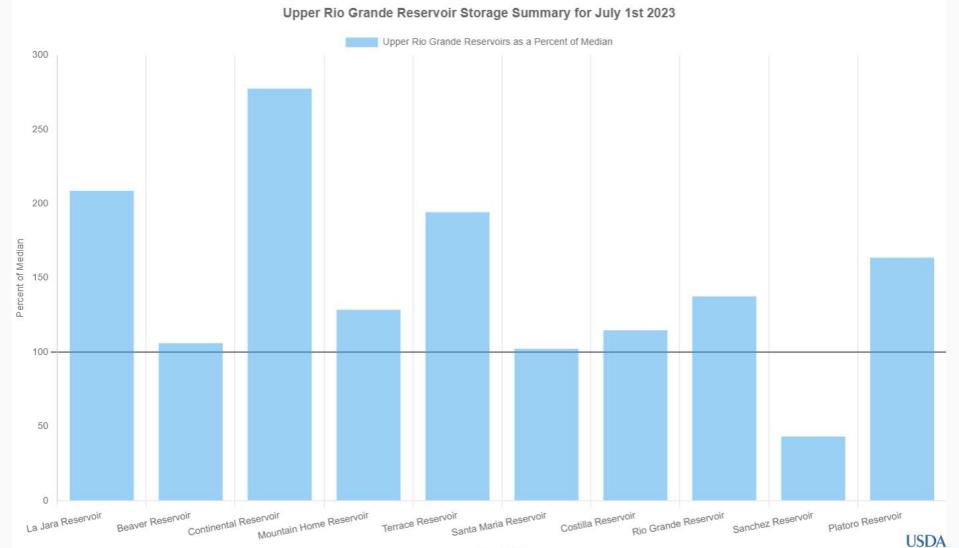
# Major Basin Summary



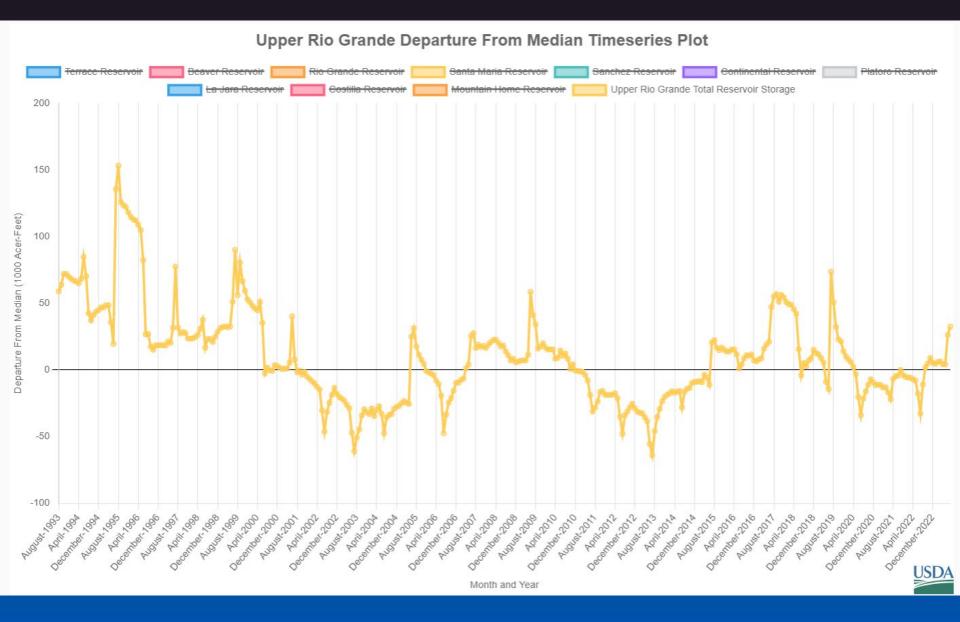




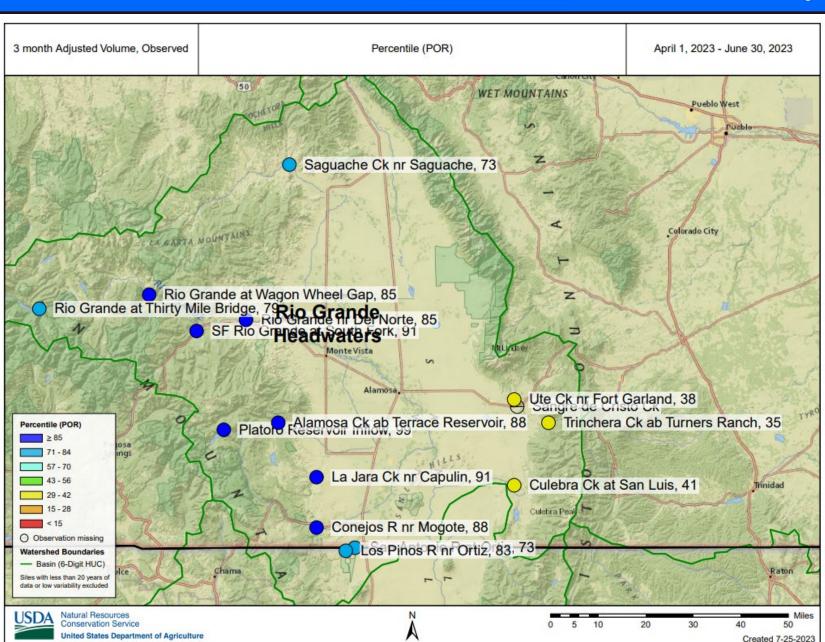










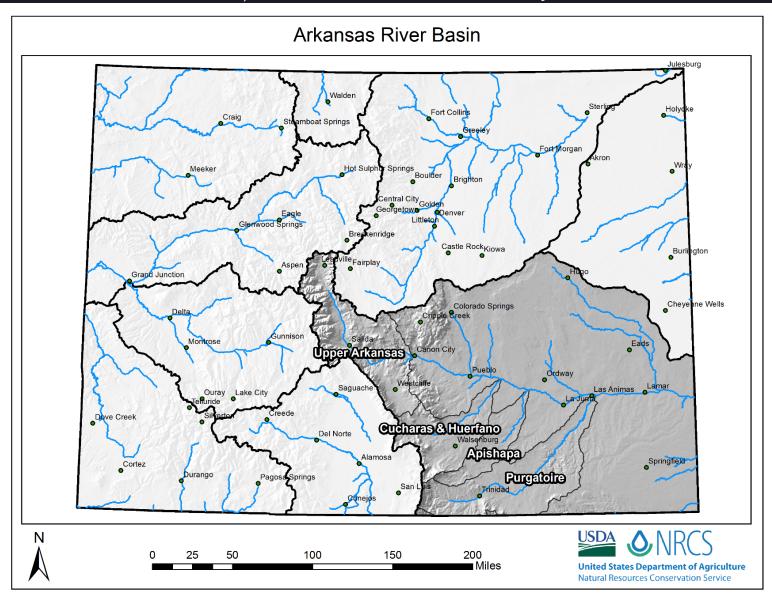




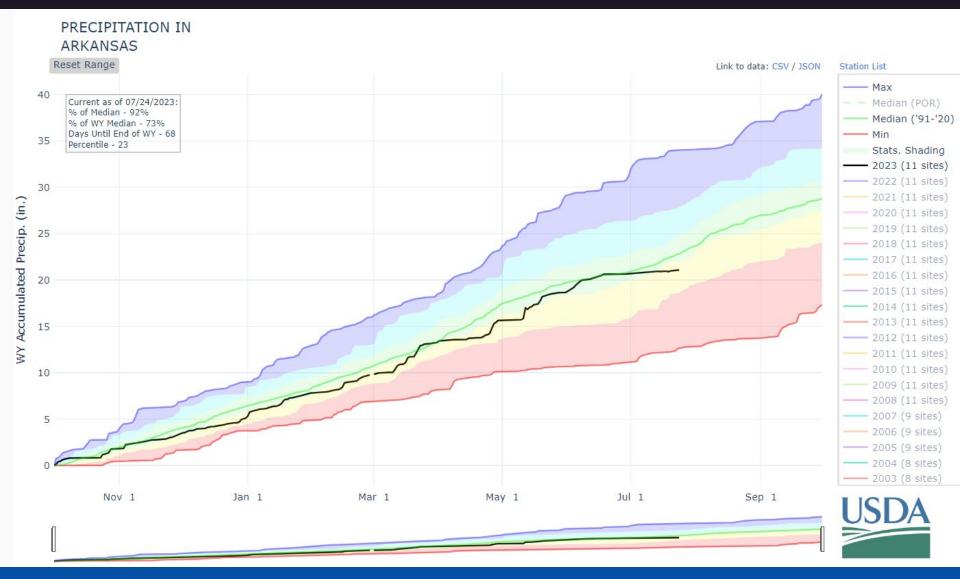
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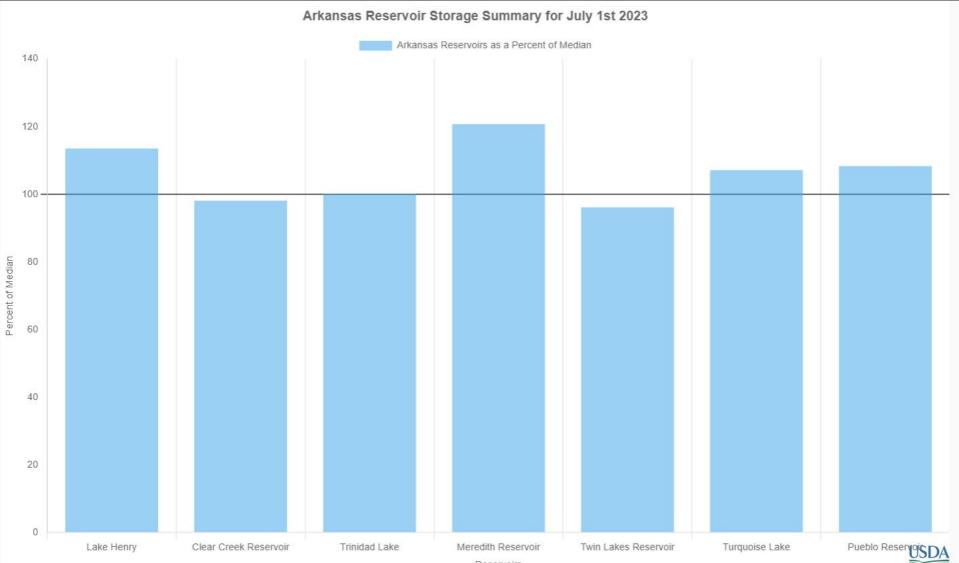
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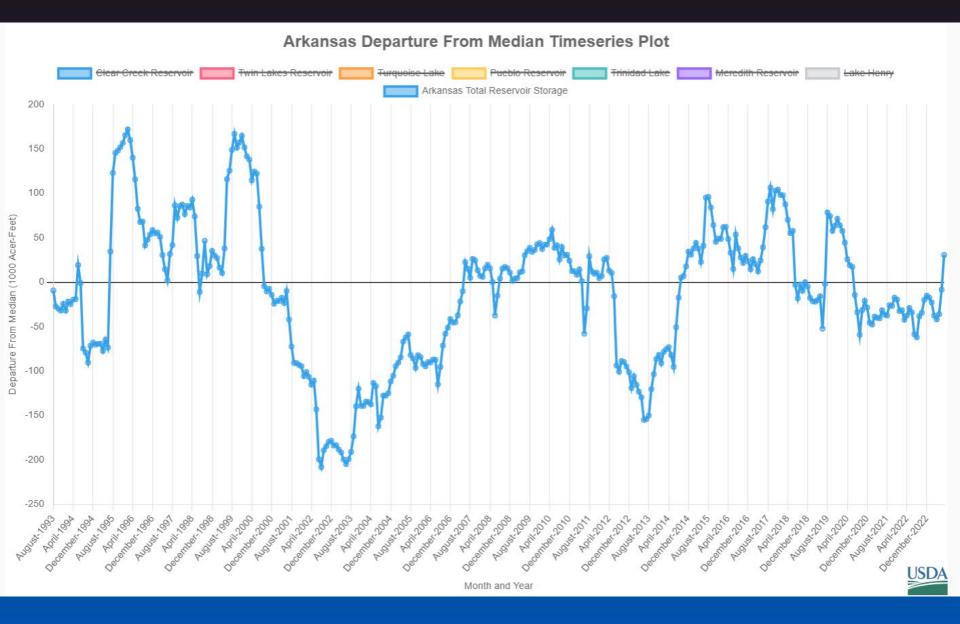




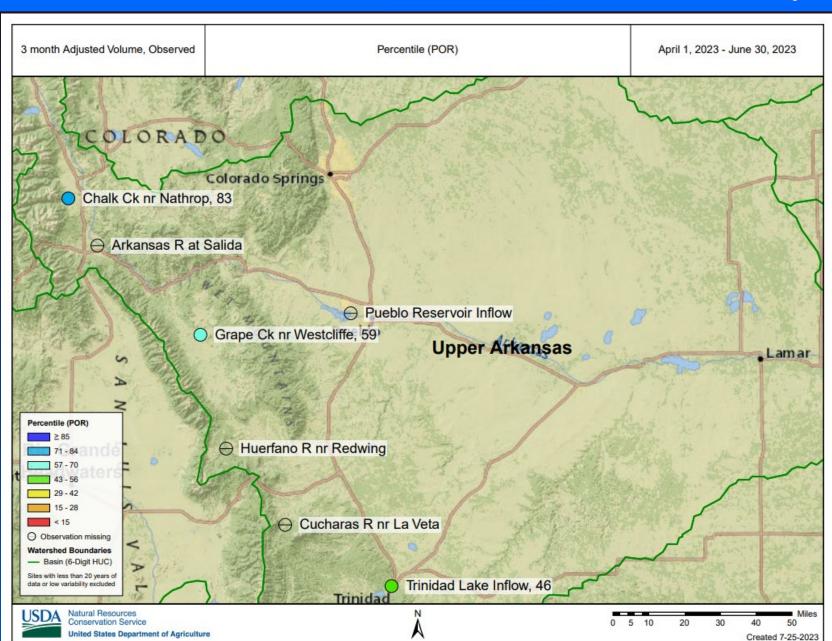






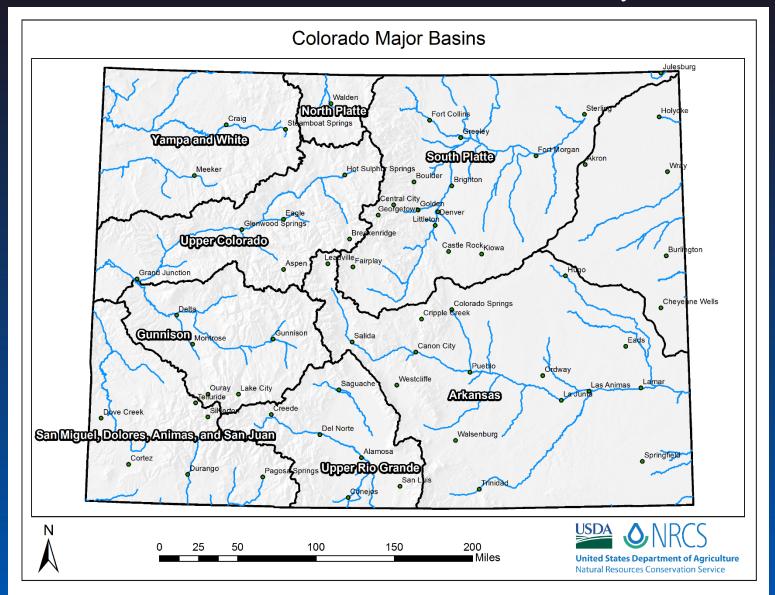




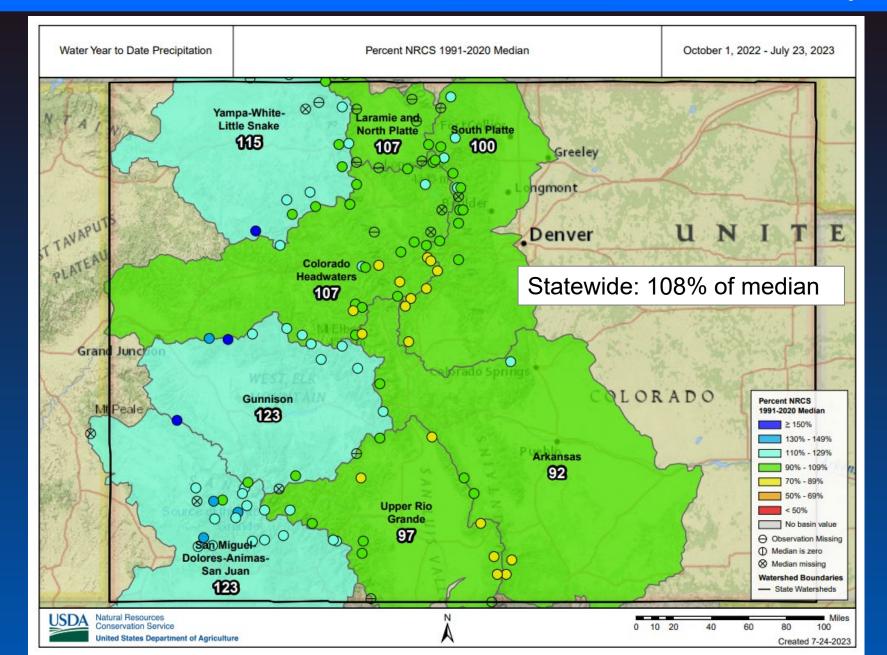




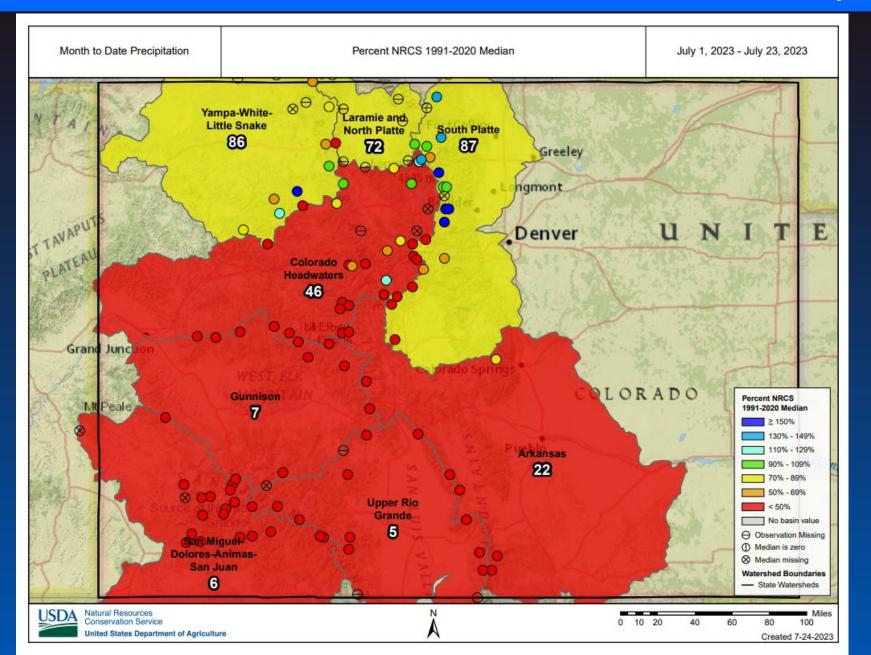
# Colorado Statewide Summary



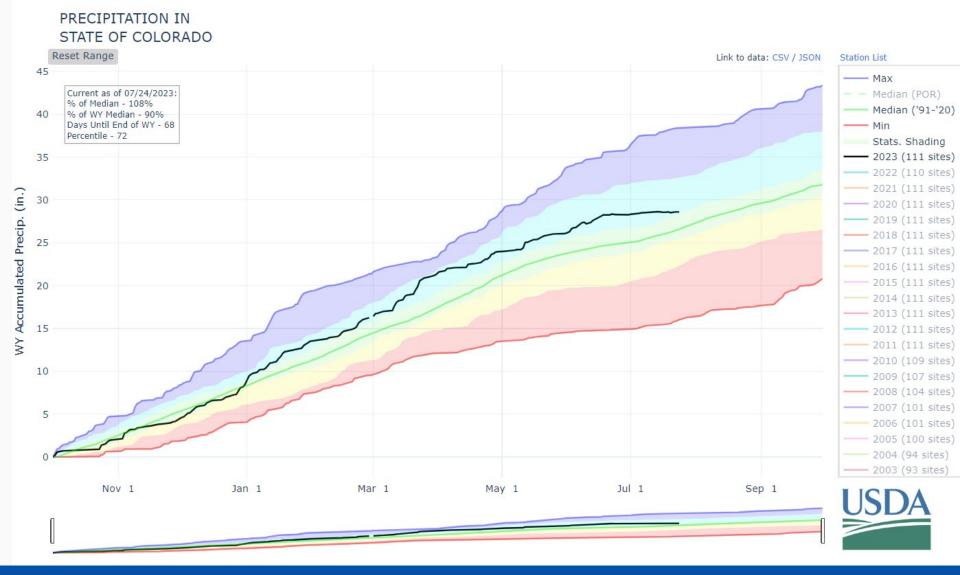




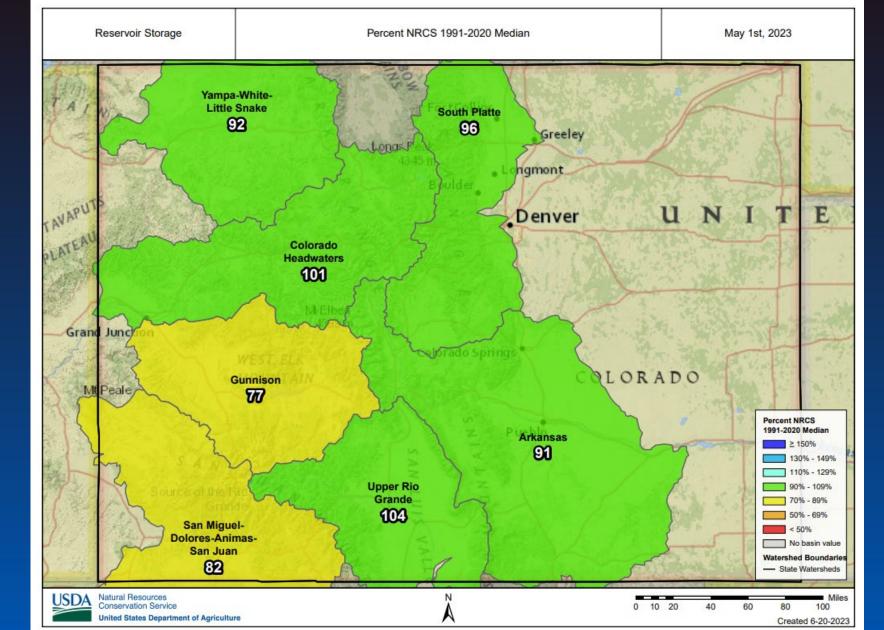




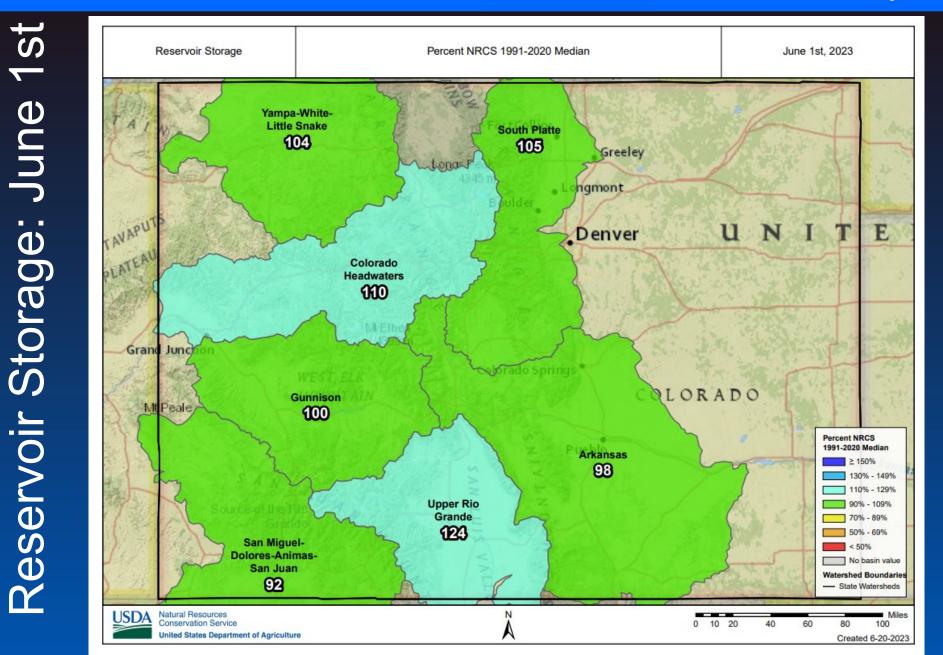




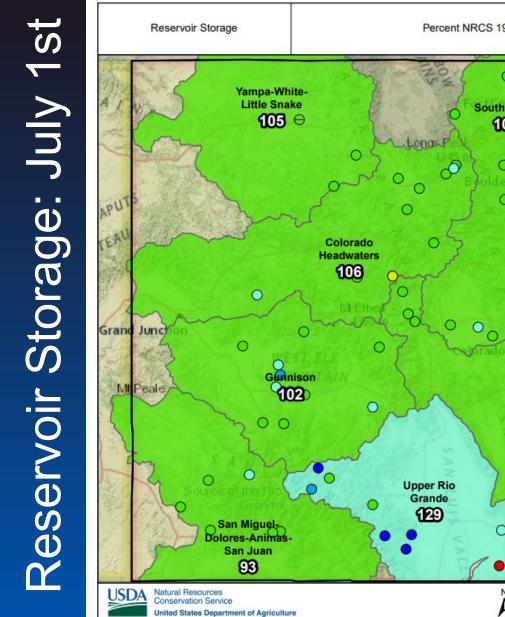


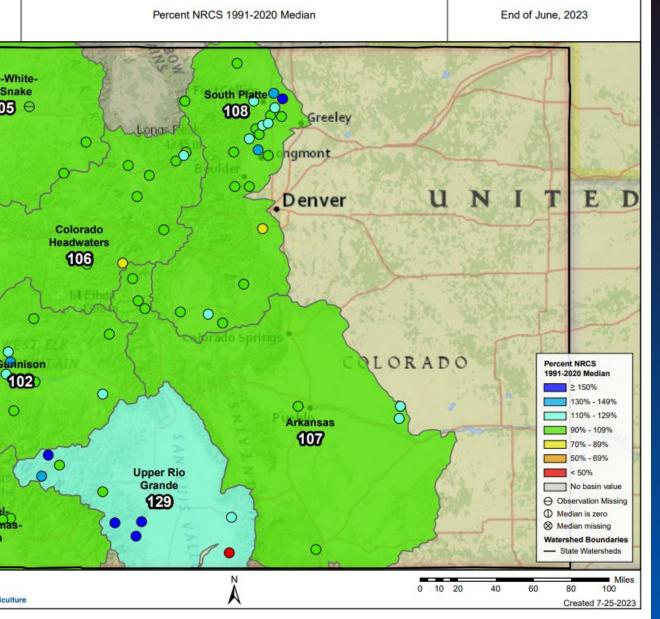




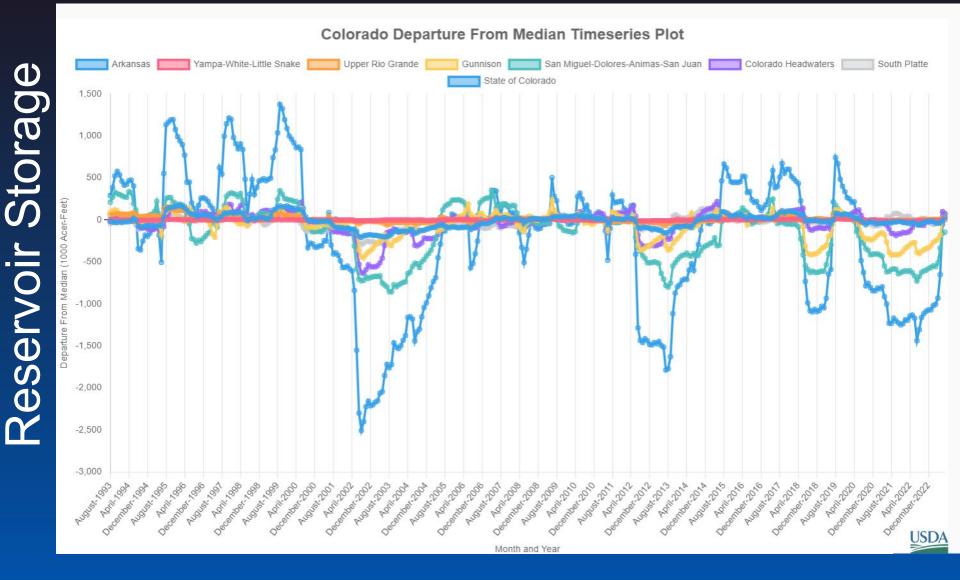






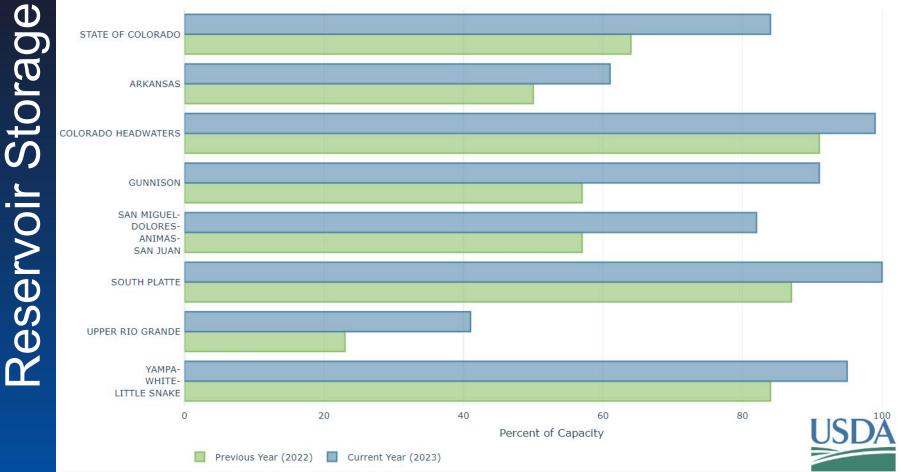




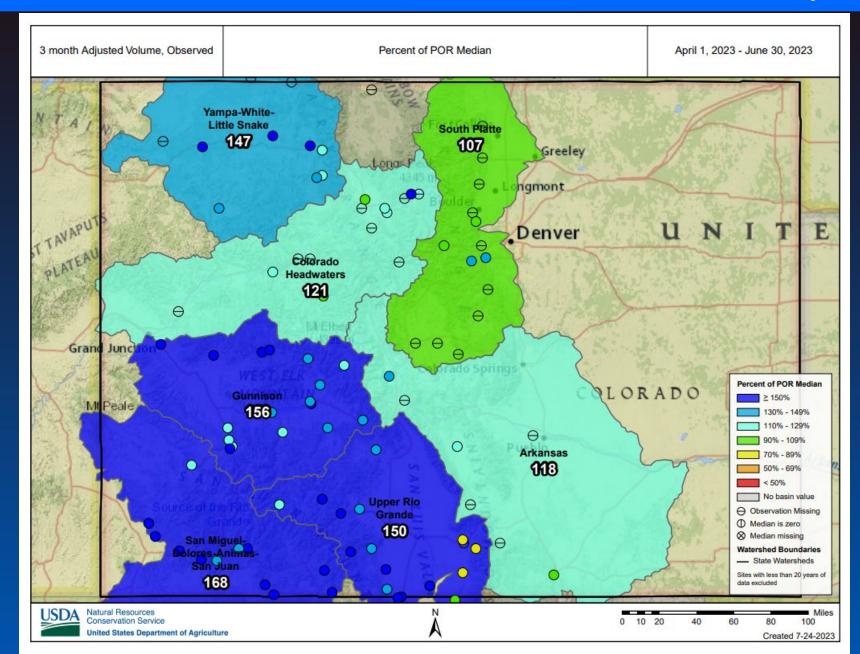












# Summary

•Snowpack has melted out all SNOTEL sites in Colorado.

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

• BUT July to date has been extremely dry across much of the state and most notably across much of Southern and Western Colorado.

•April-June observed streamflow volumes were well above normal across the state. The highest volumes, relative to normal, were observed across Western Colorado.

•About half of the streamflow forecast points in the state observed above the 75<sup>th</sup> percentile of volumetric streamflow in the last three months.

•Reservoir storage is above normal in almost all major basins. Considerable increases we observed in the Gunnison and combined Southwest basins during this runoff season.



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