Water Availability Task Force Meeting June 20th, 2023

NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

Hydrologist

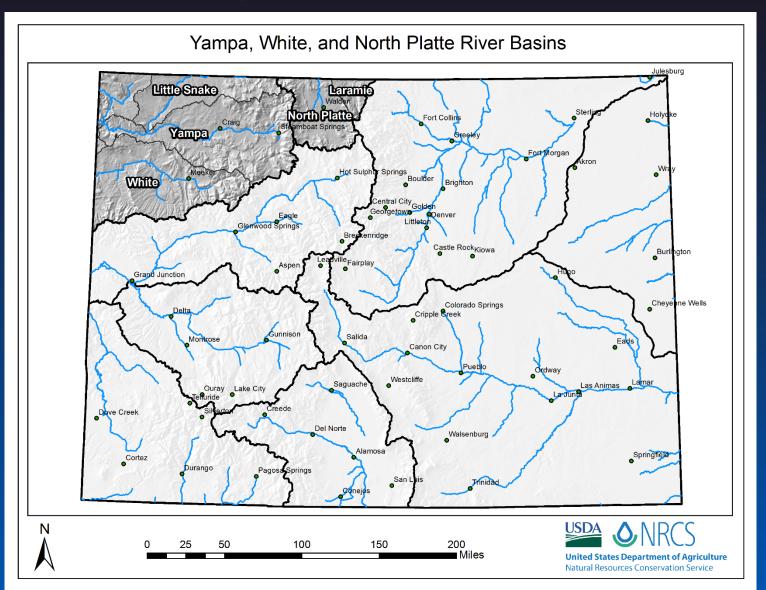
Karl.Wetlaufer@usda.gov

720-544-2853

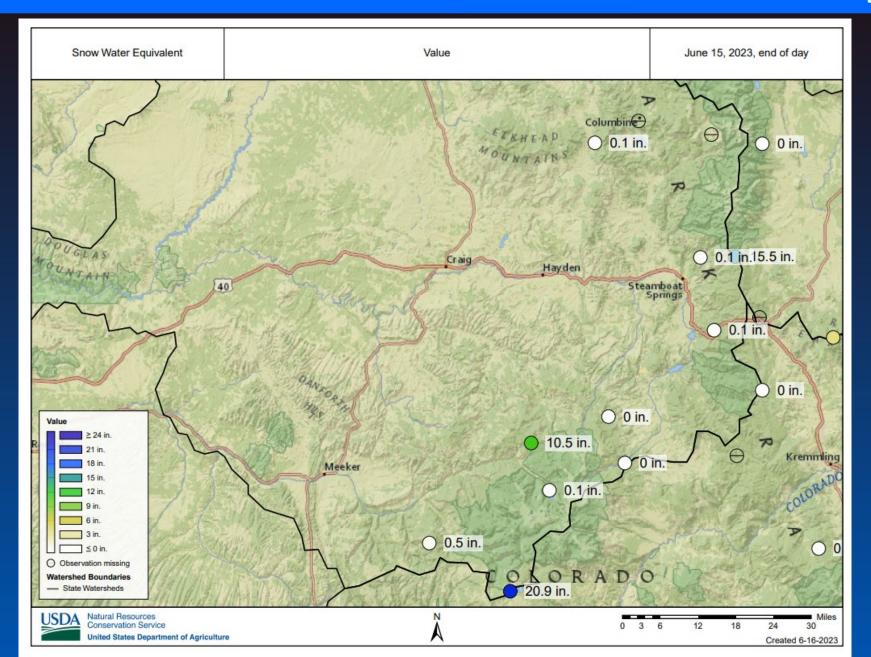
http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/



Major Basin Summary







Jan 1

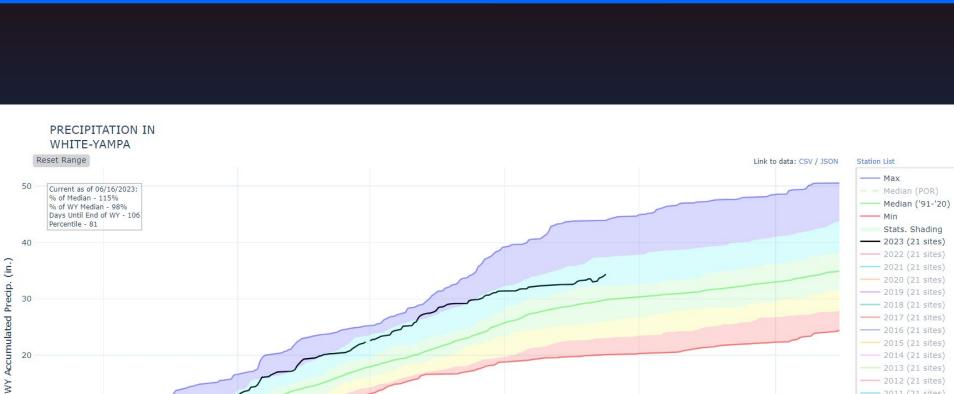
Mar 1

10

Nov 1



Jul 1

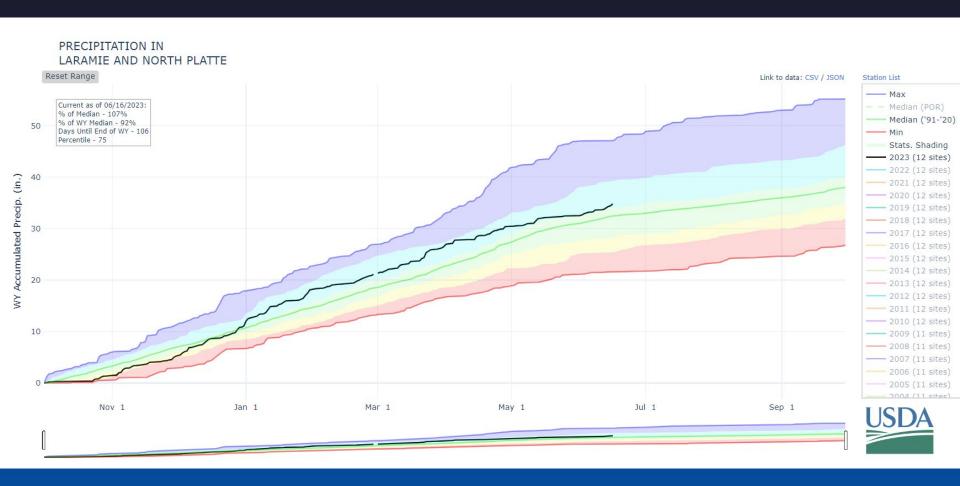


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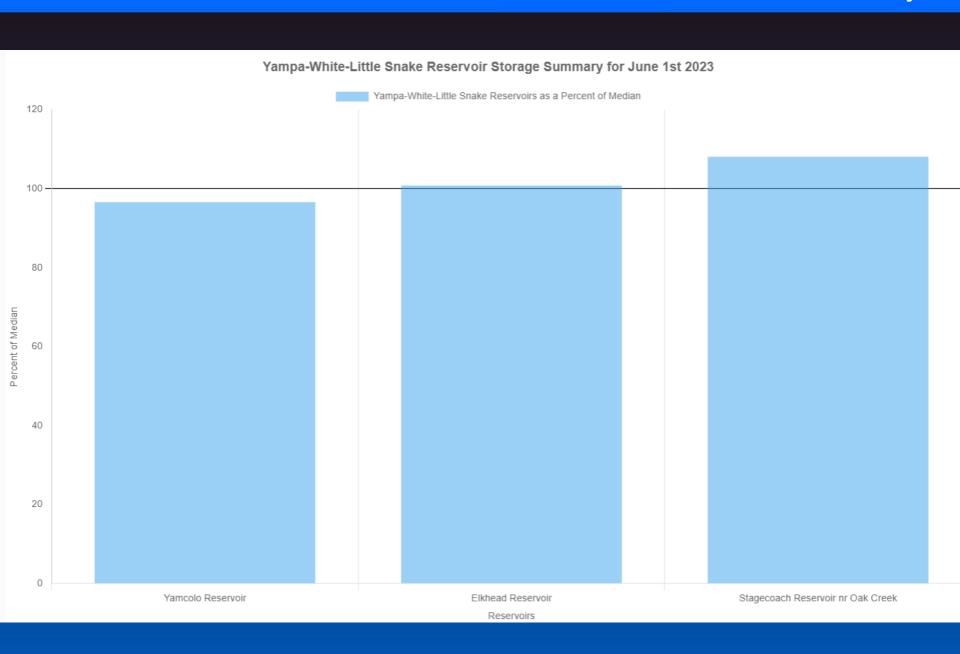


Sep 1



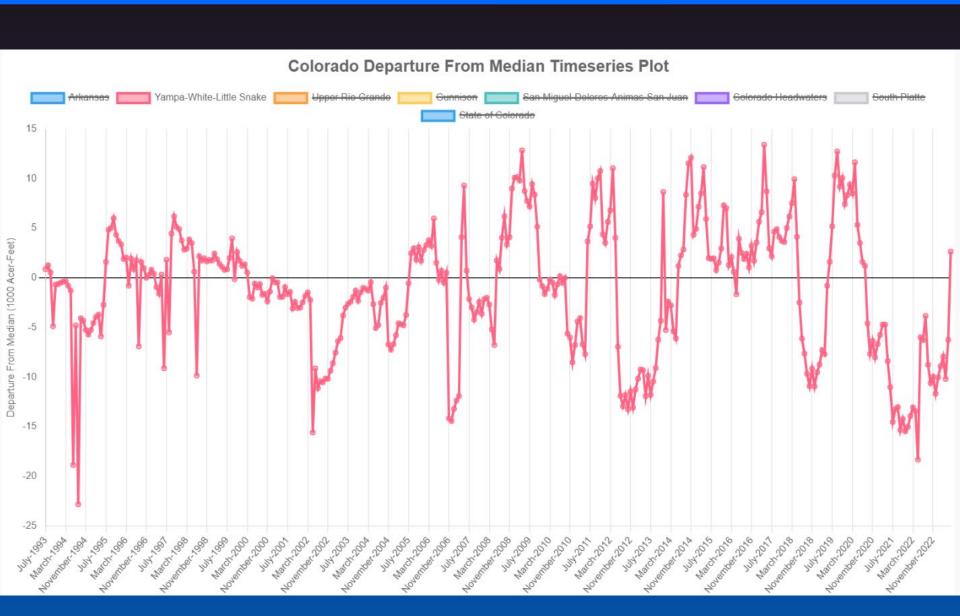


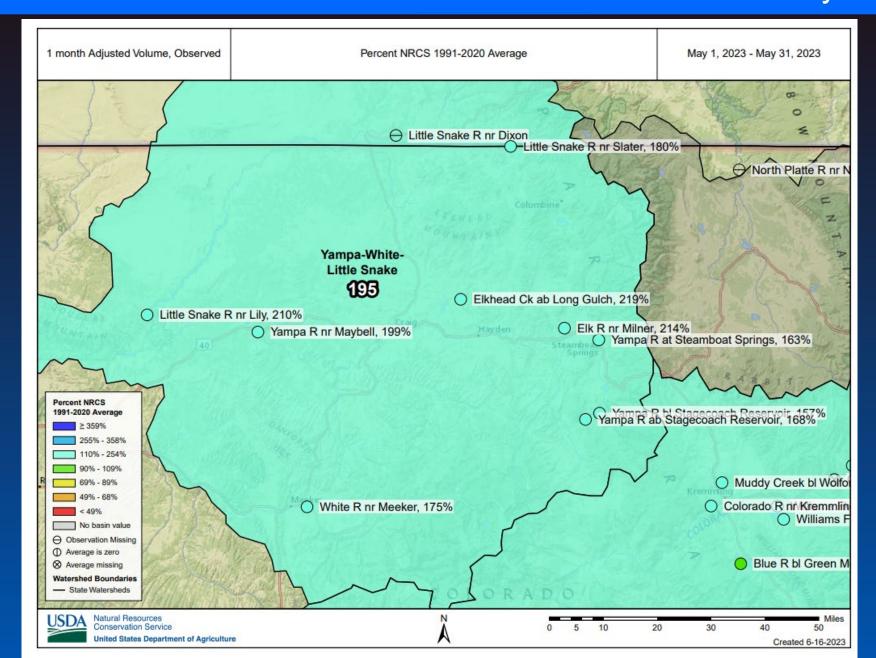


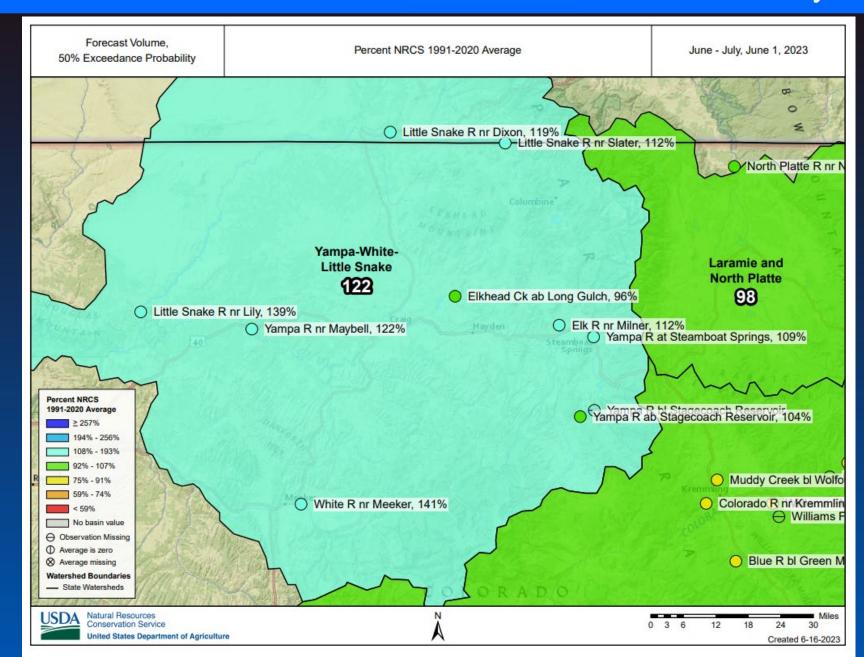






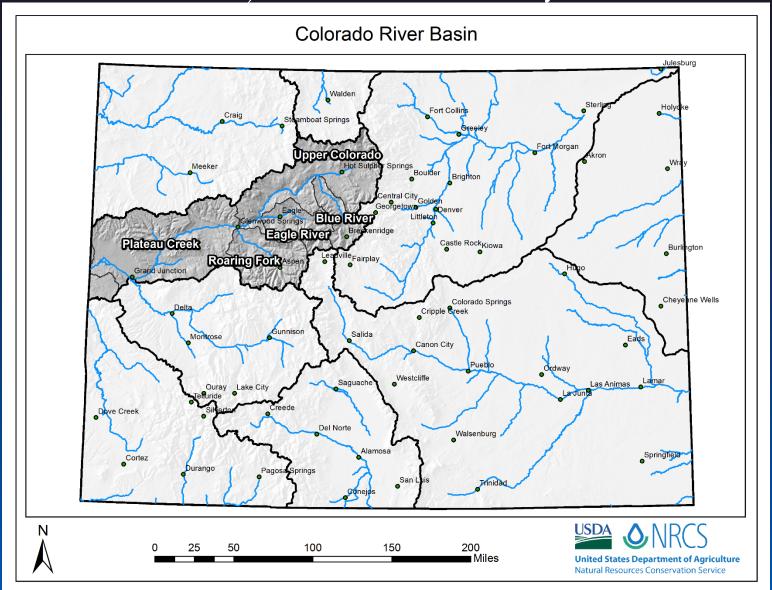




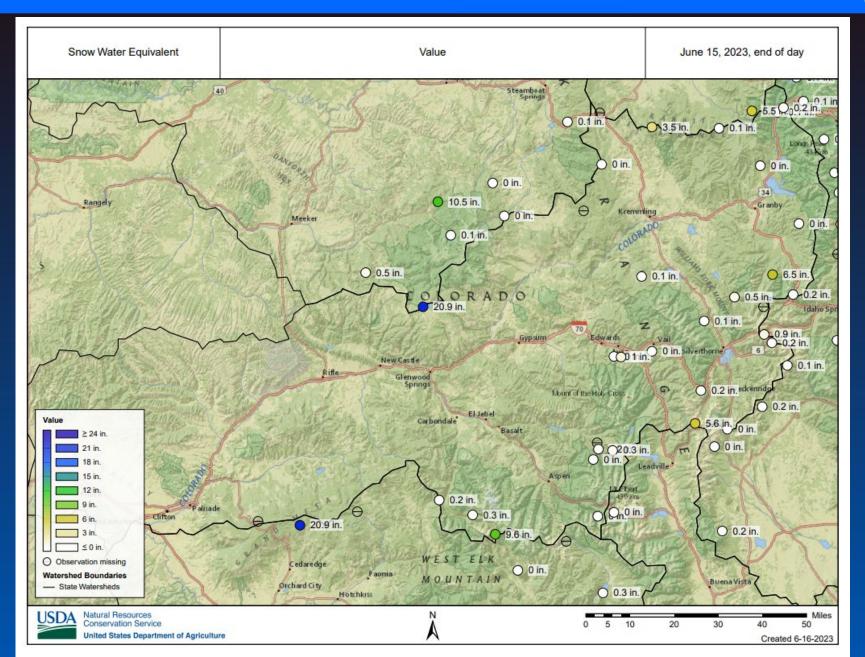




Major Basin Summary





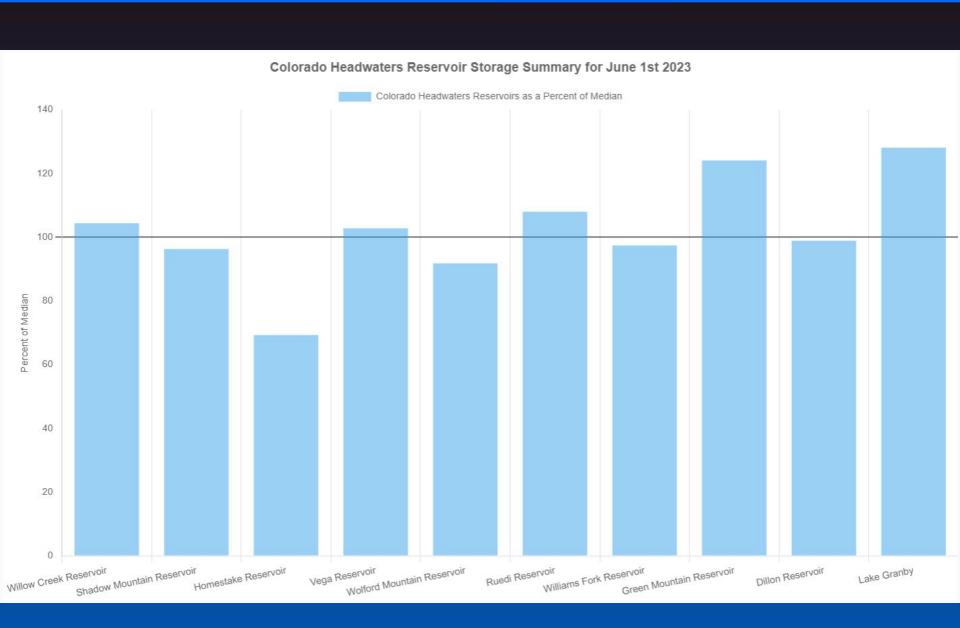






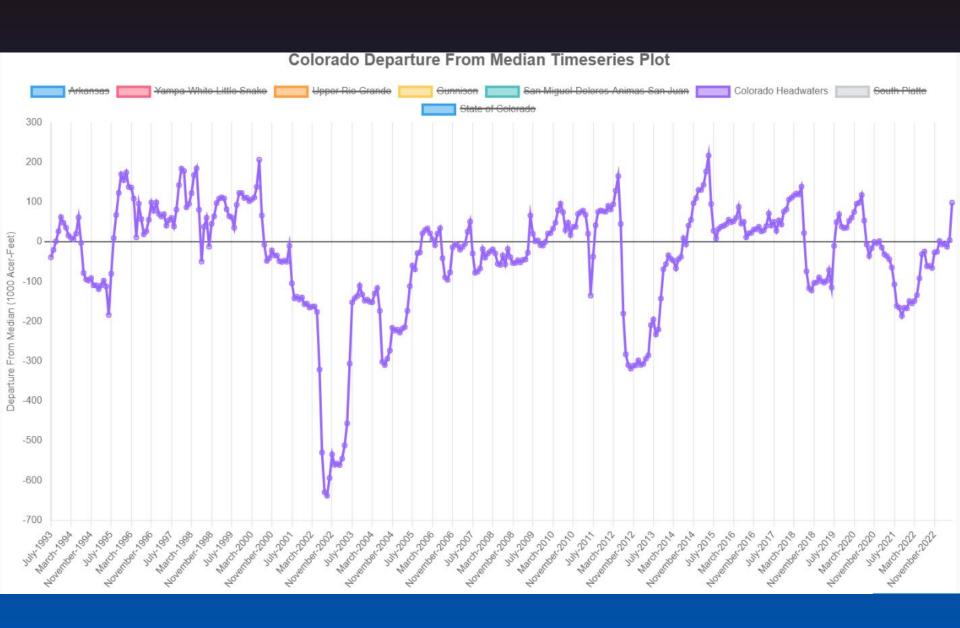


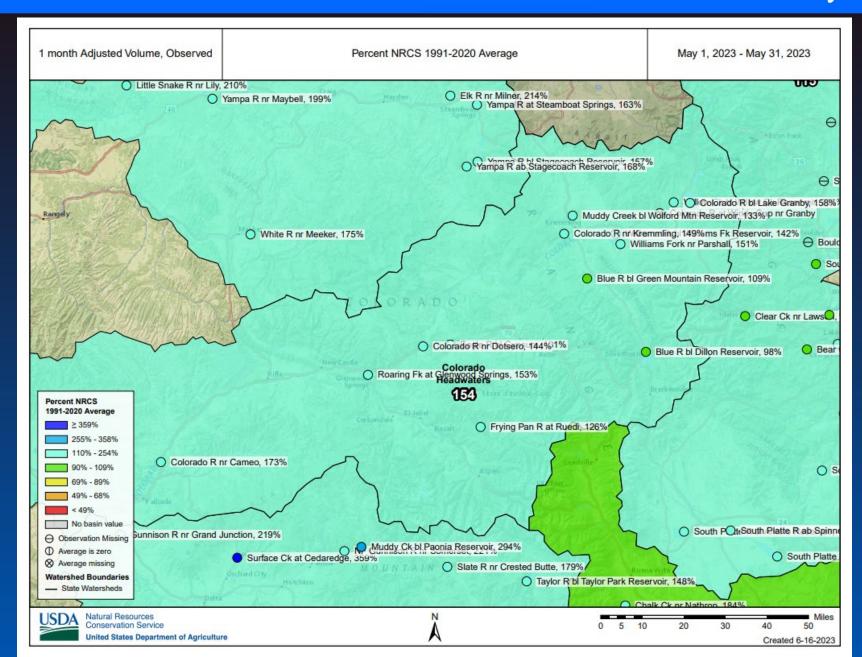




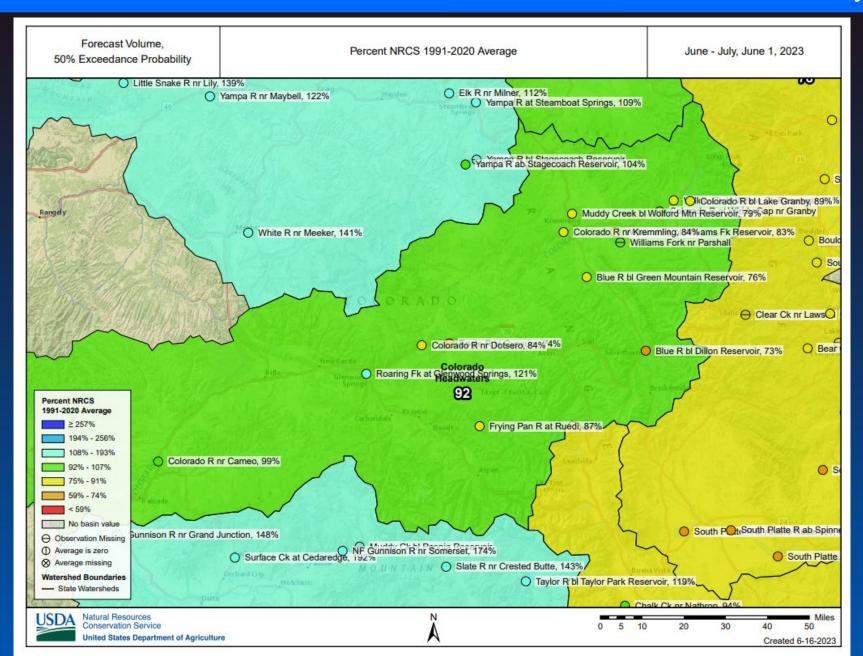








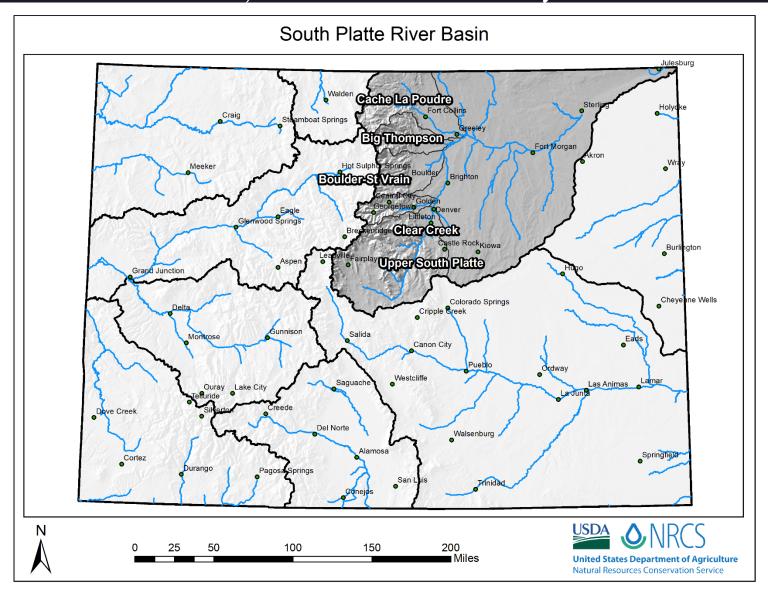




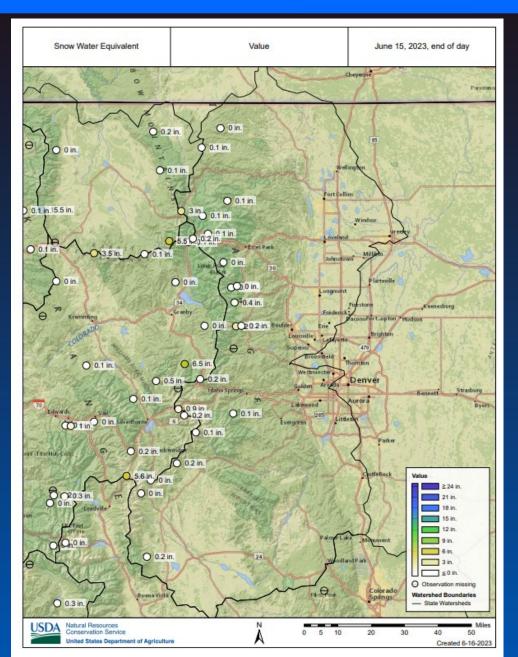




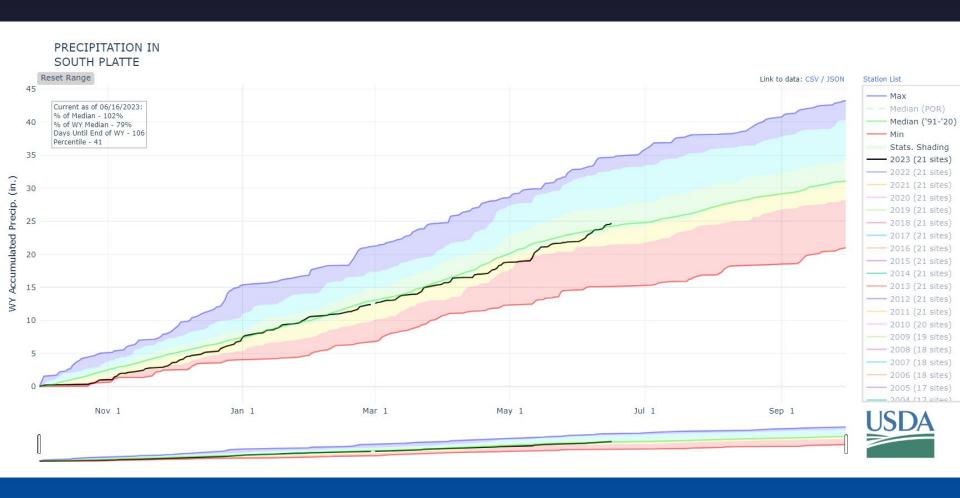
Major Basin Summary



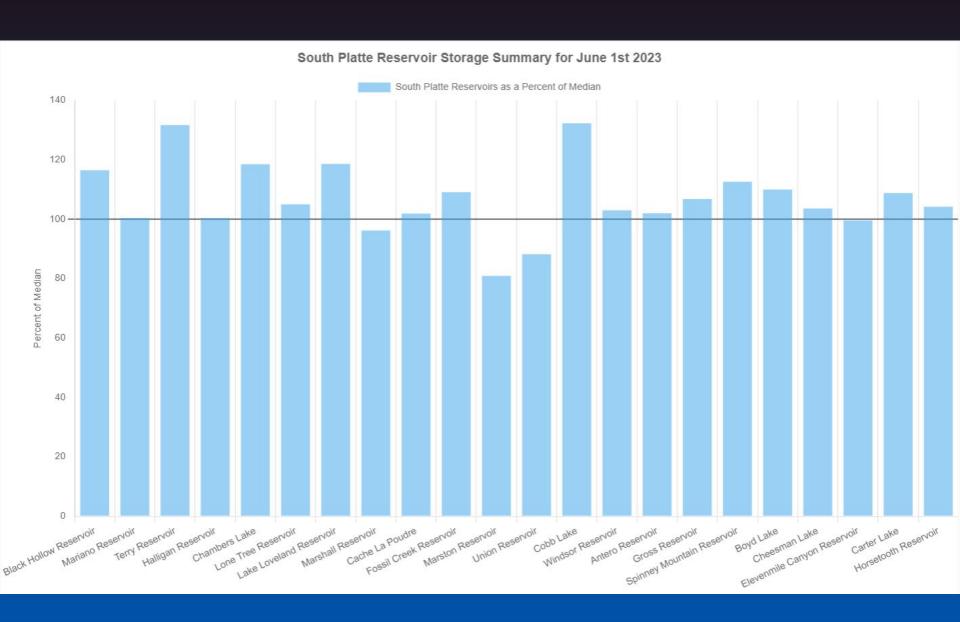






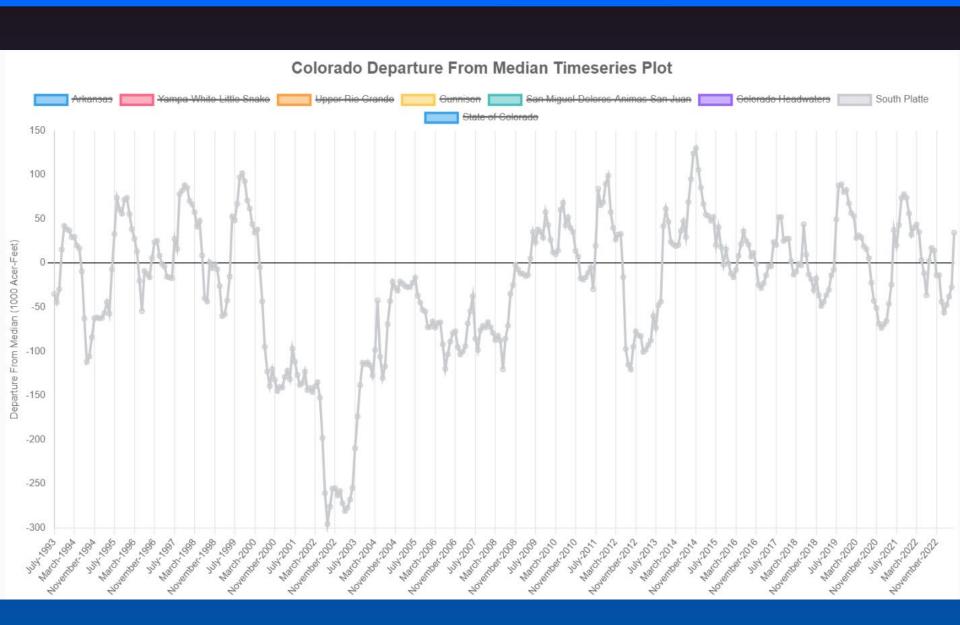




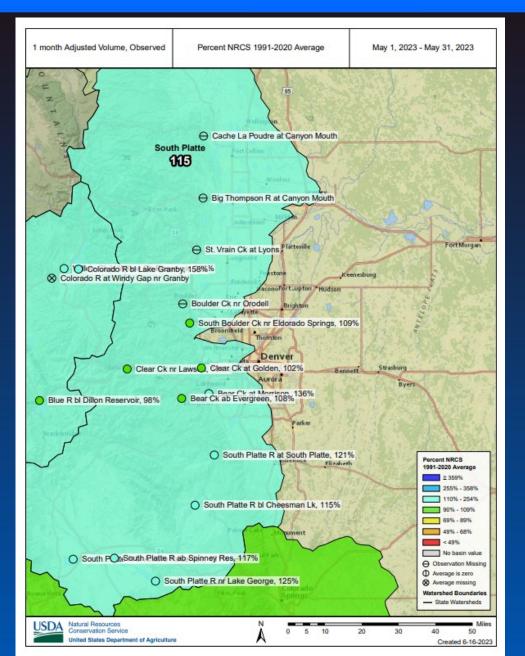




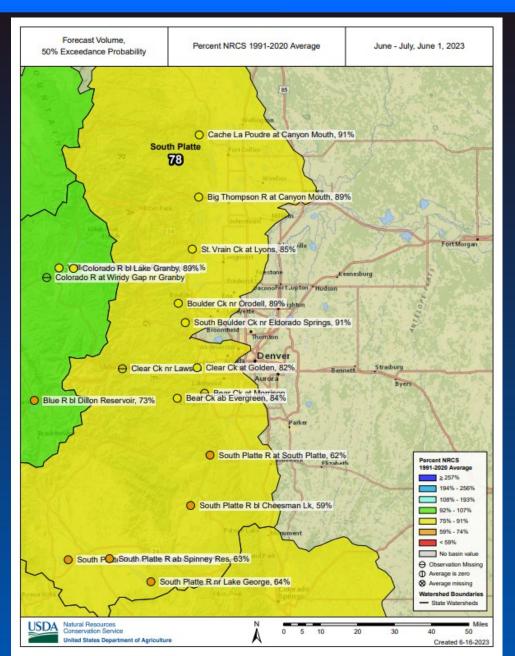






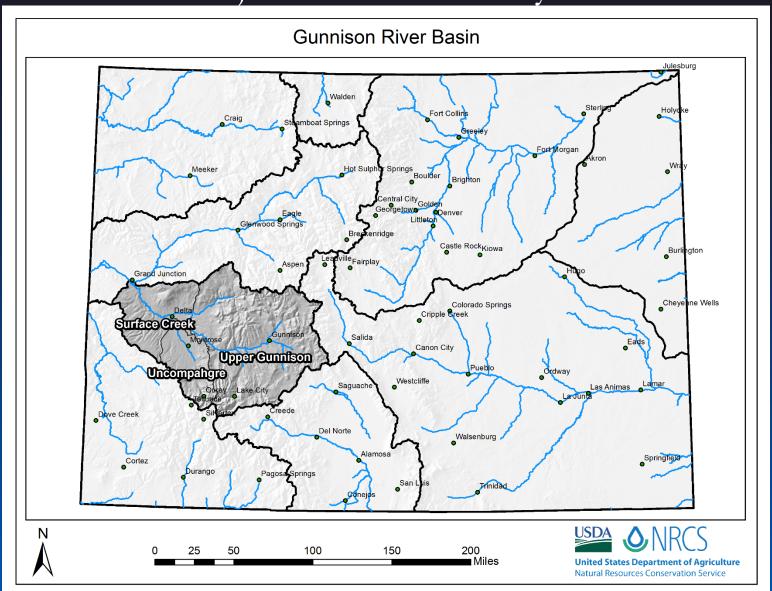




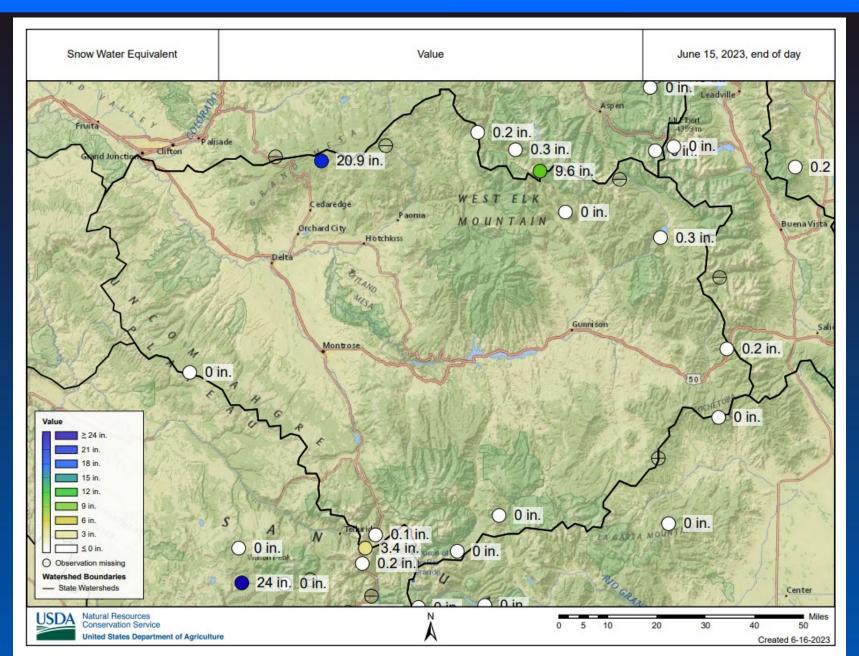




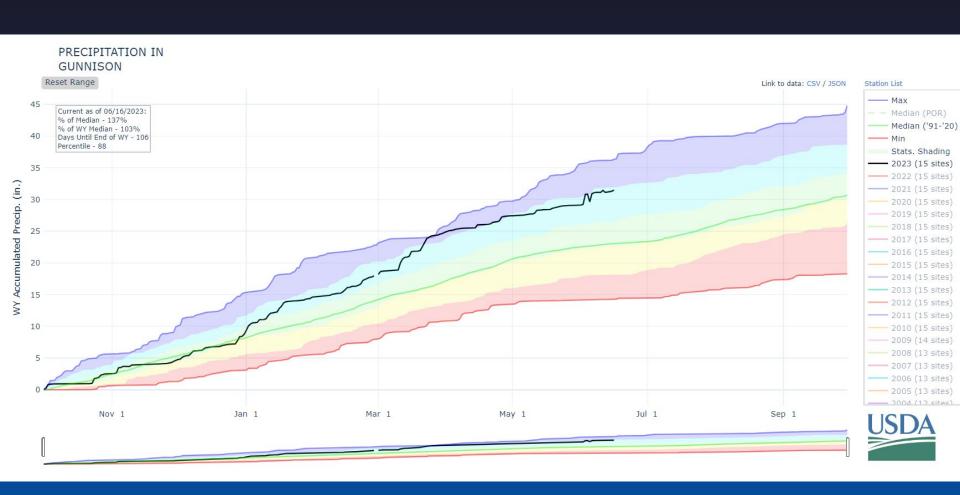
Major Basin Summary



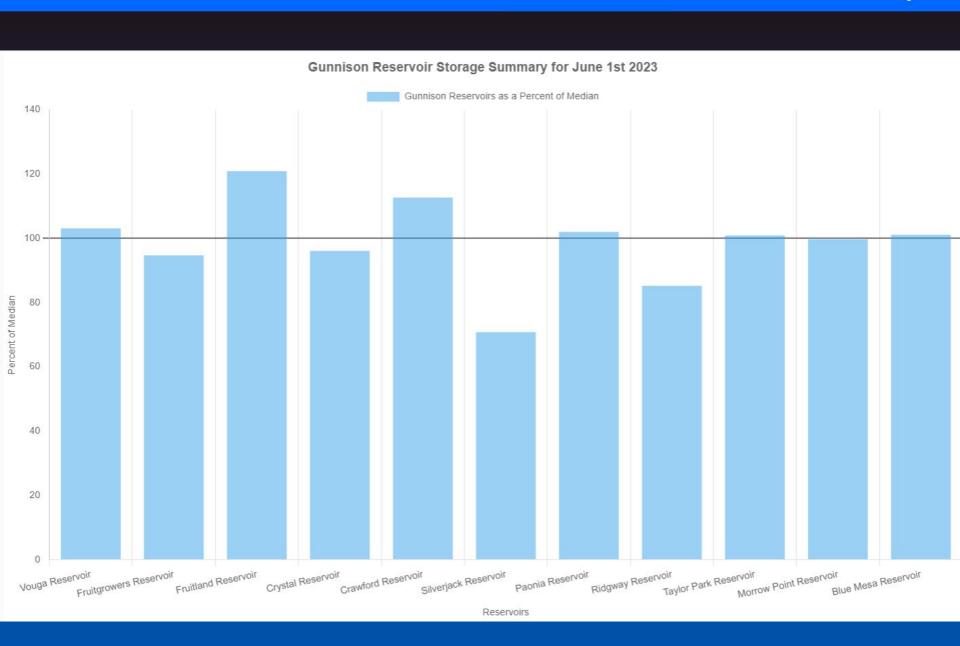






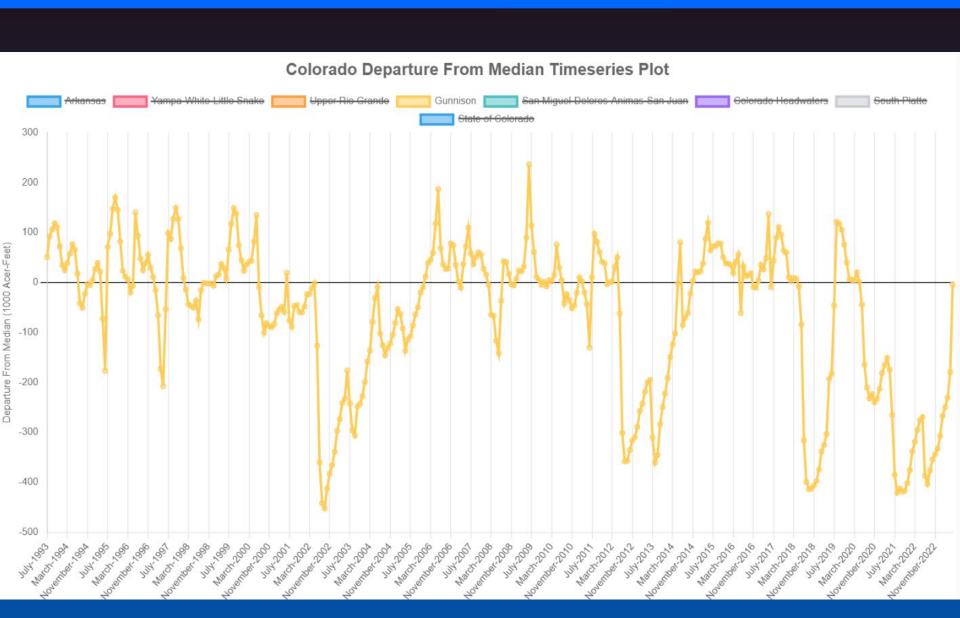


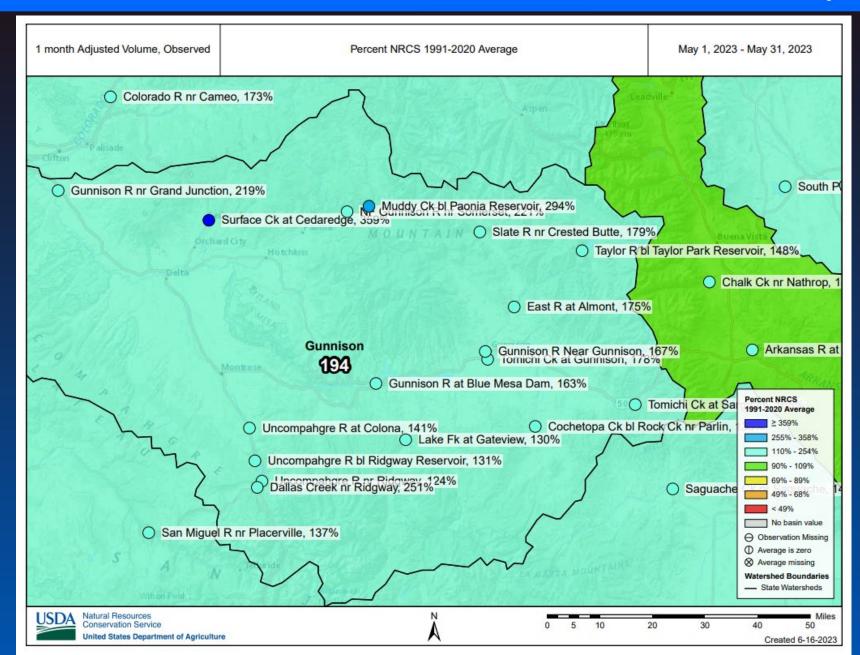




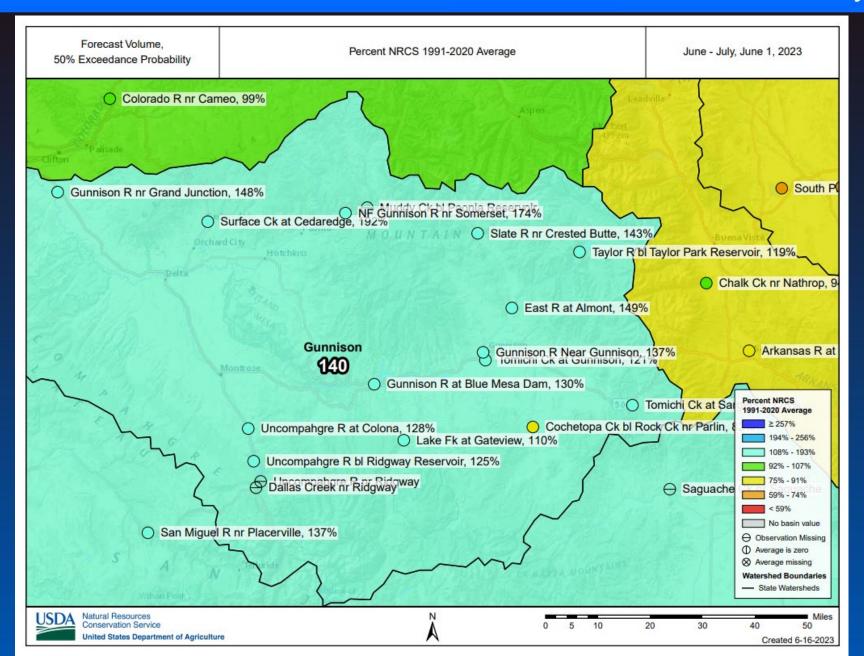








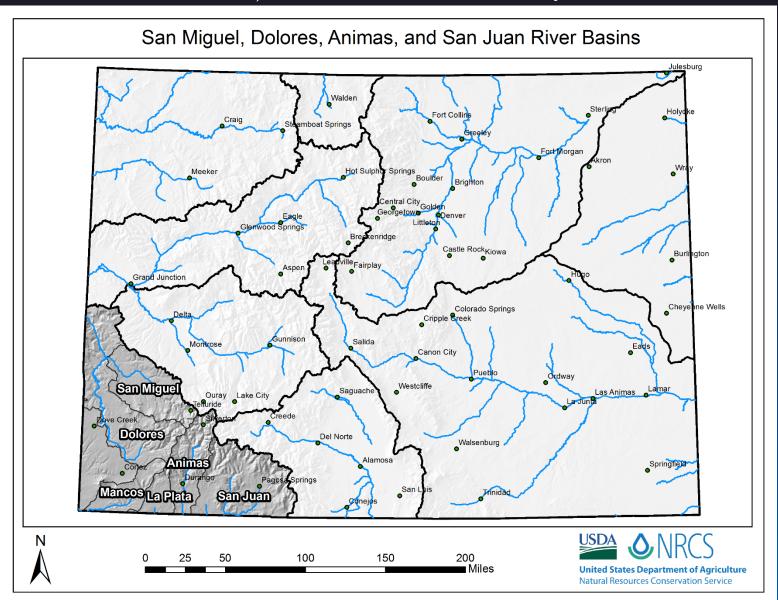




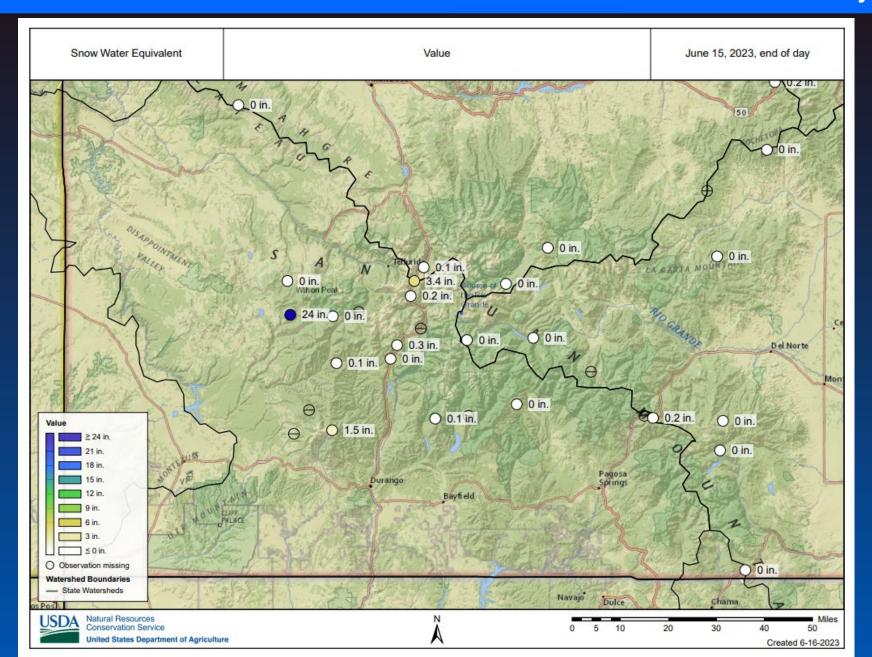




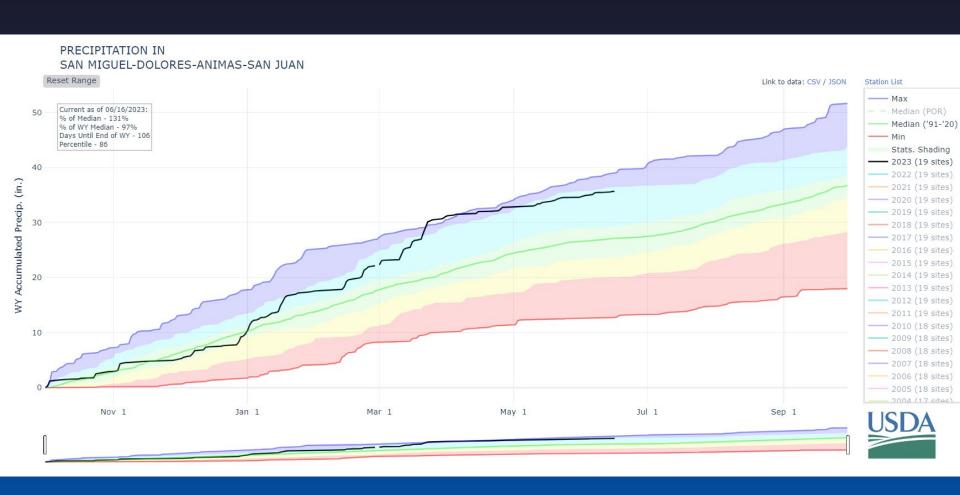
Major Basin Summary

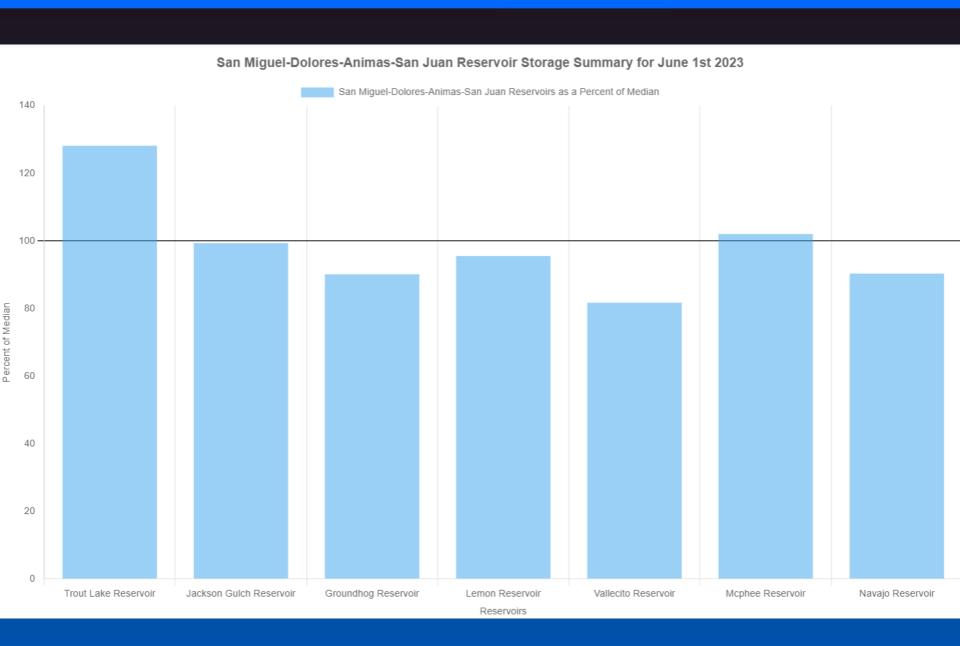








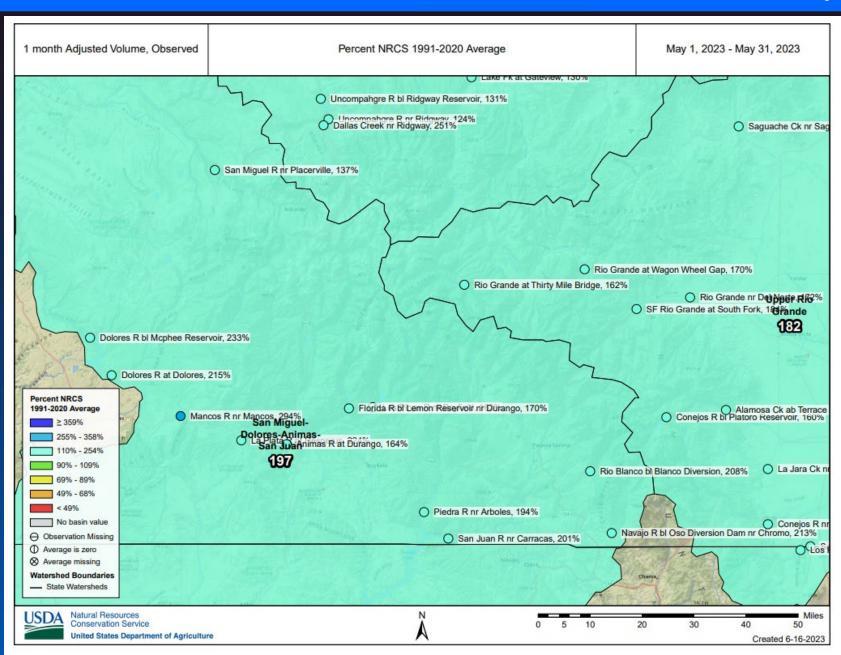




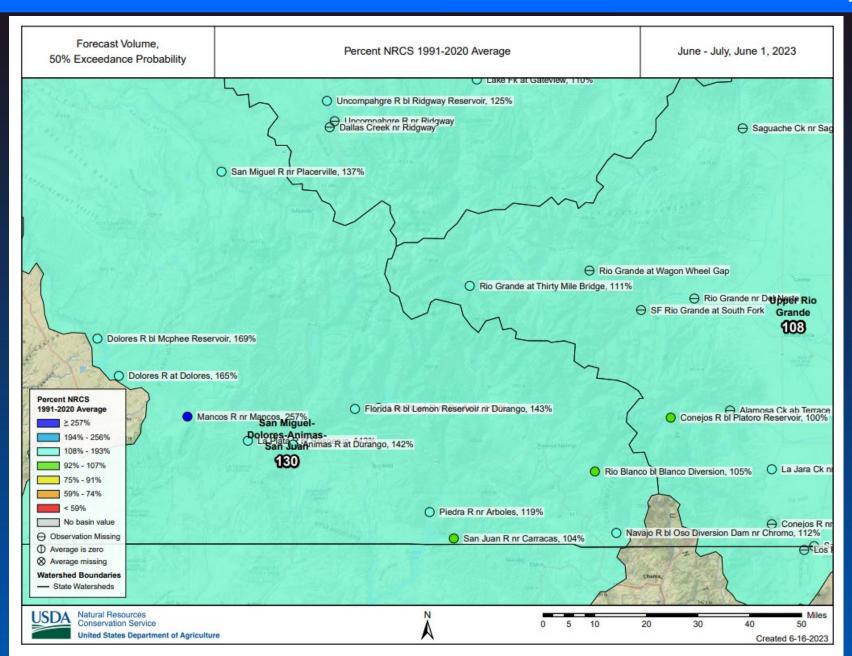




Colorado Departure From Median Timeseries Plot San Miguel-Dolores-Animas-San Juan Departure From Median (1000 Acer-Feet) -200 -400 -600 -800 -1,000WaterJos July 2003 Martingod July 205 Martingos veriber 2006 WaterJos ABITHET TOO July 2009 Marthano Modelinging 1114.2011 Marchana Modeline 12012 11142013 Wardtrong ABURBU ONA JUN-2015 Model of the Waster Ove Modeline 1018 JUN 081 Martin 200 lether 200 1111/2001 "Bulgar Jos. July 2007 JUN-2017



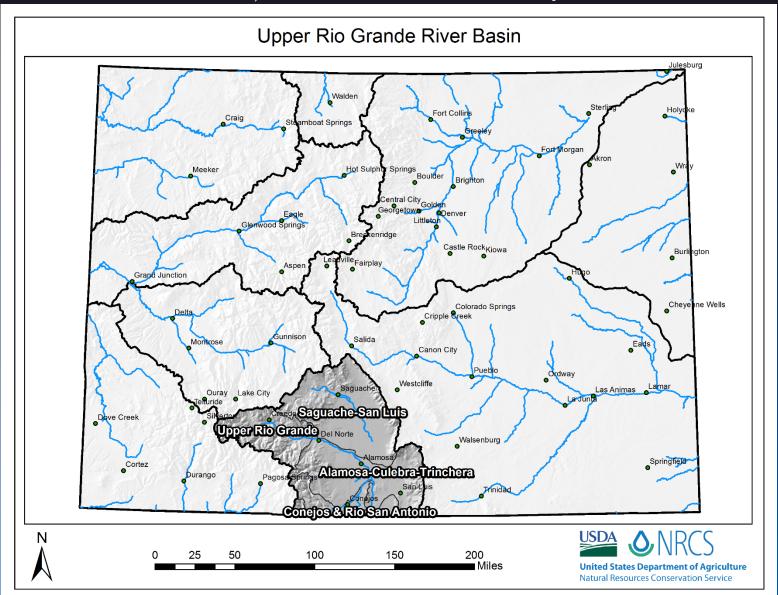




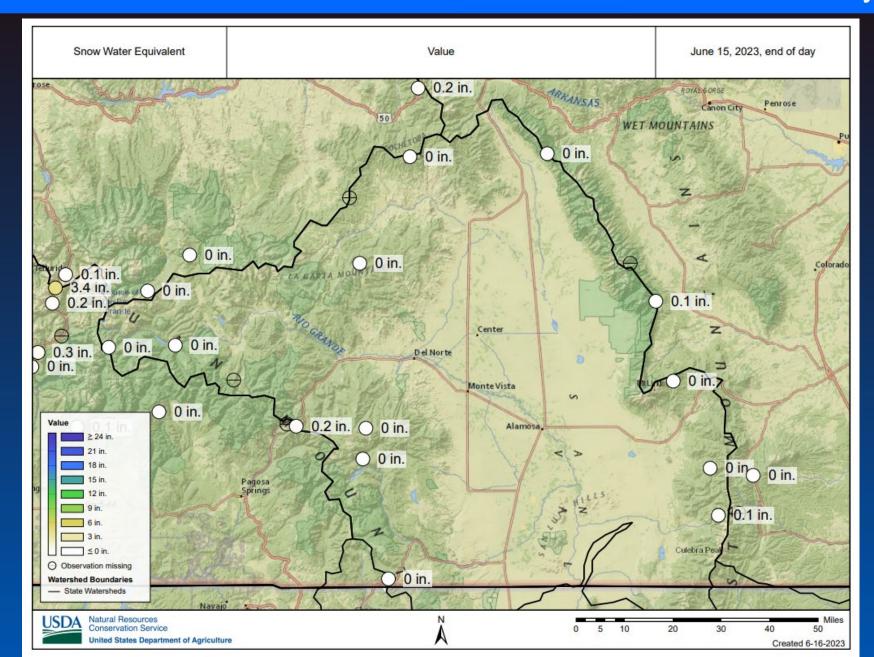




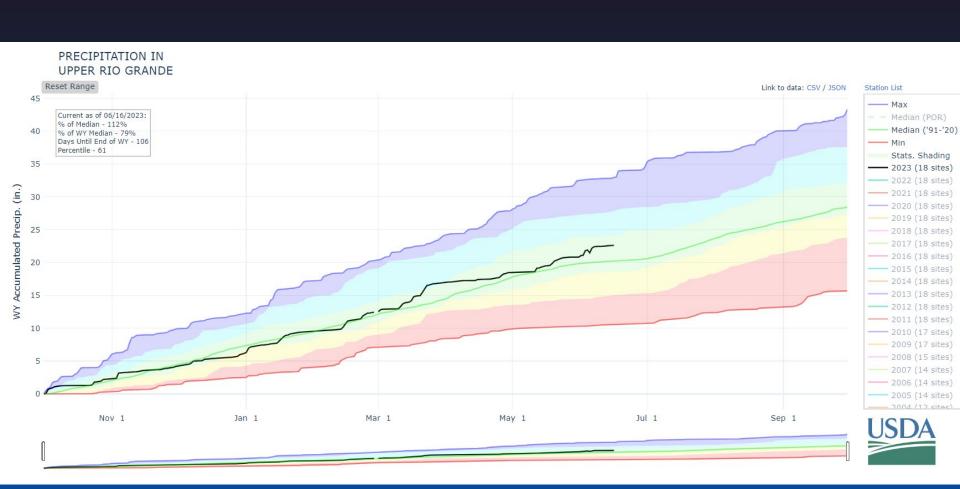
Major Basin Summary

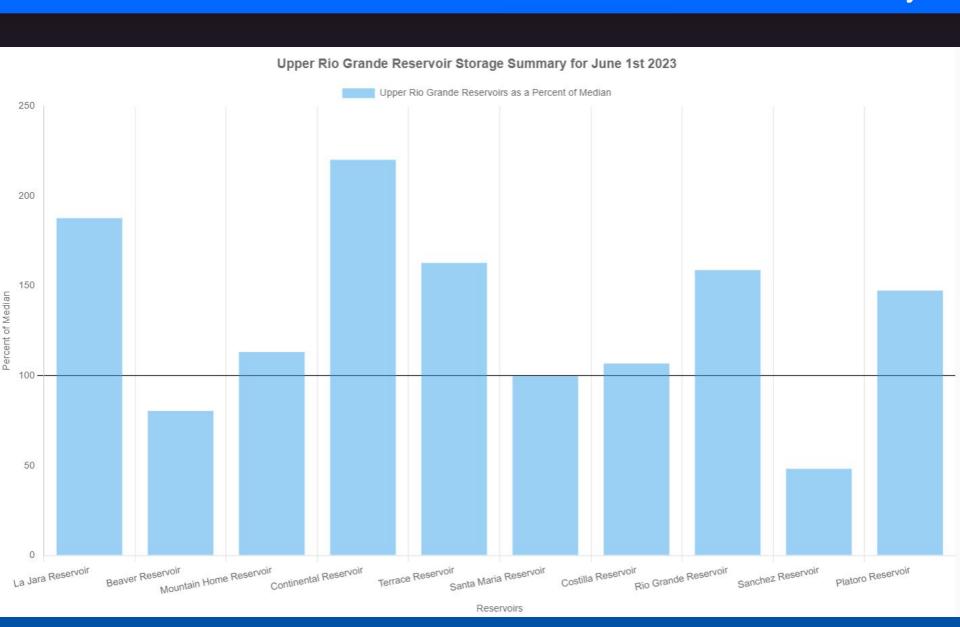






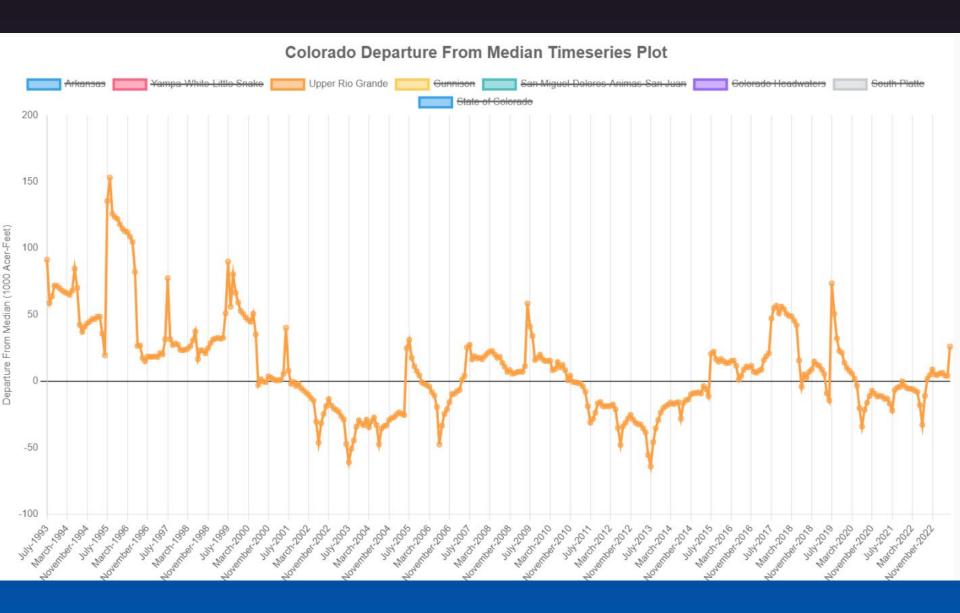


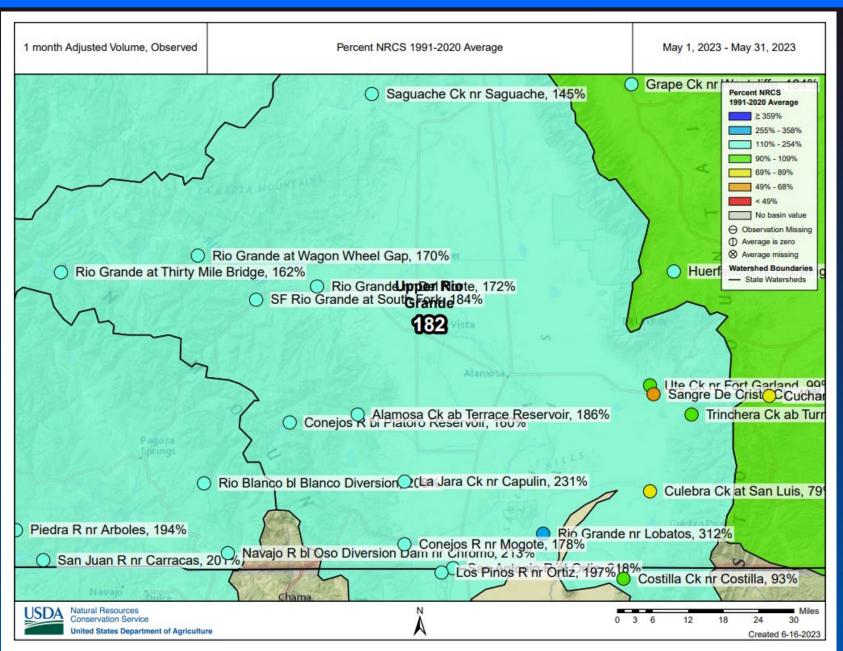




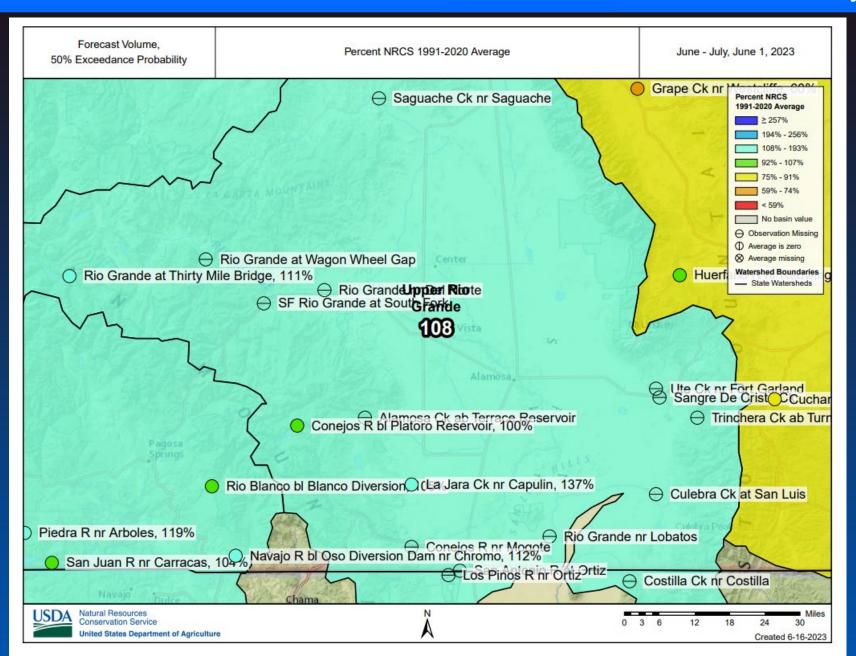






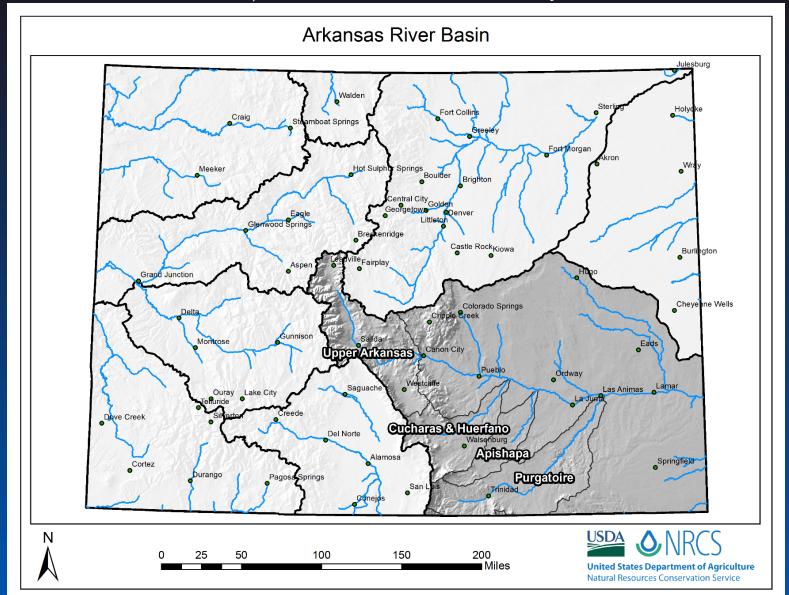




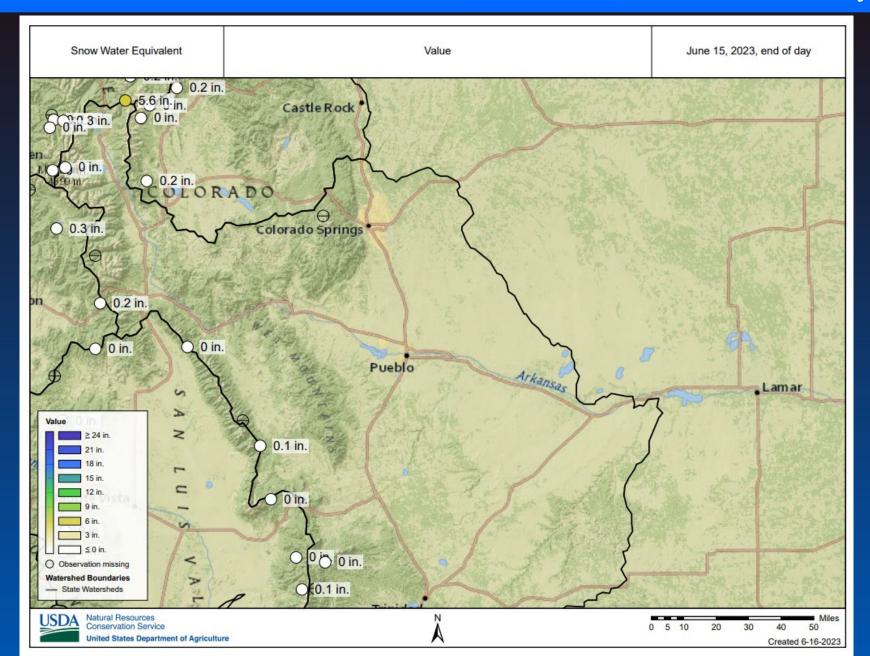




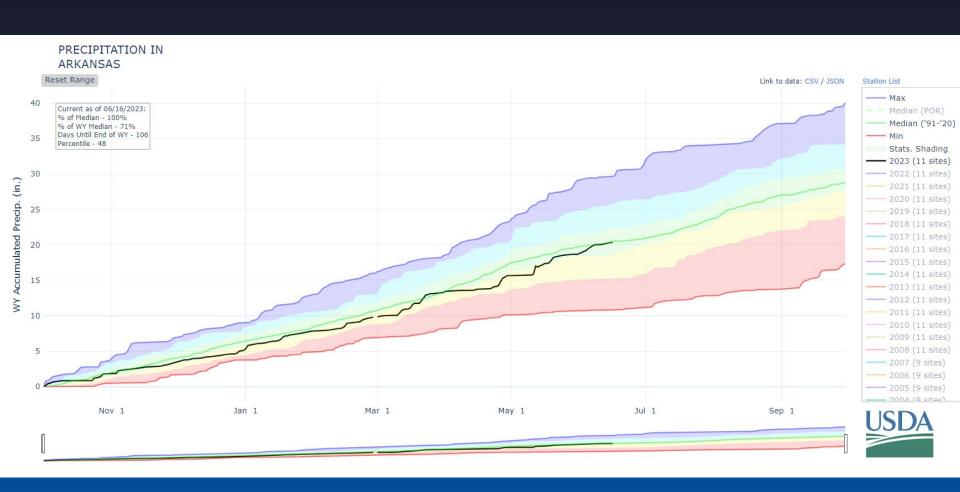
Major Basin Summary

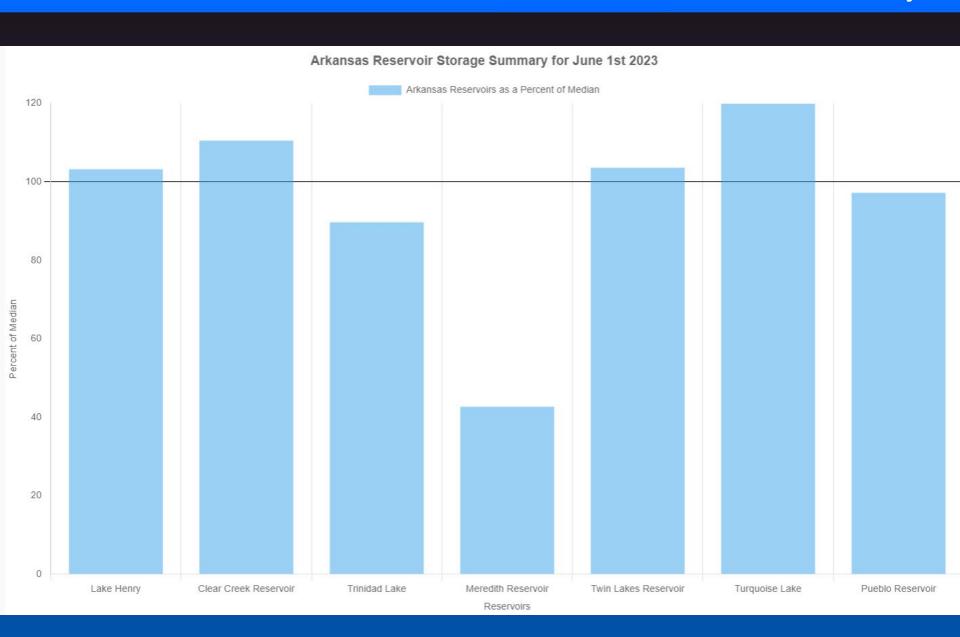






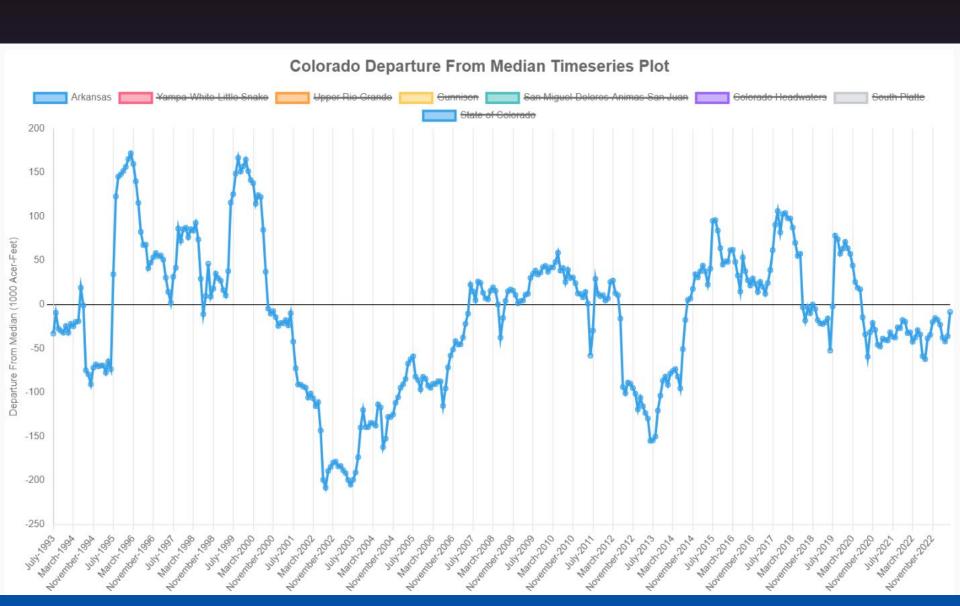


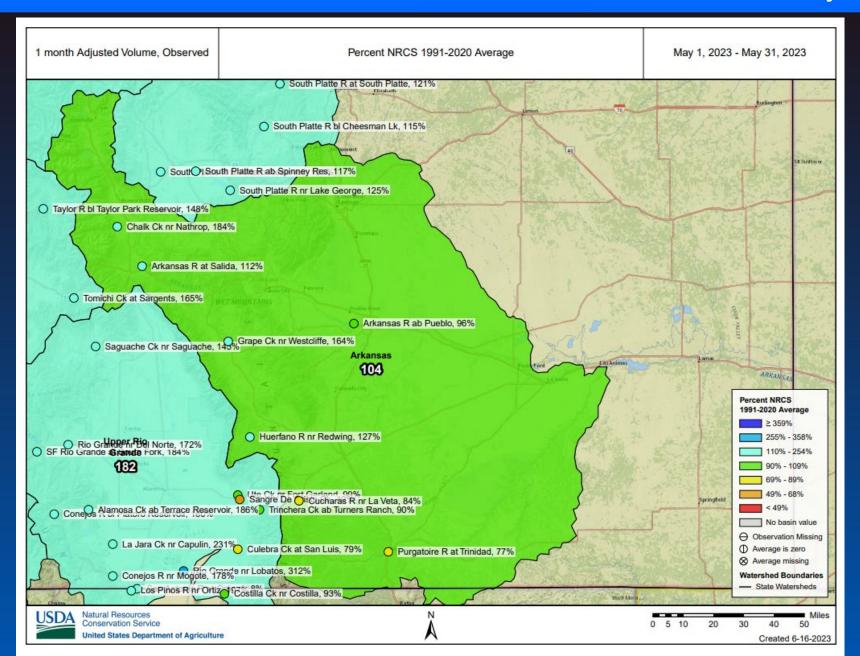




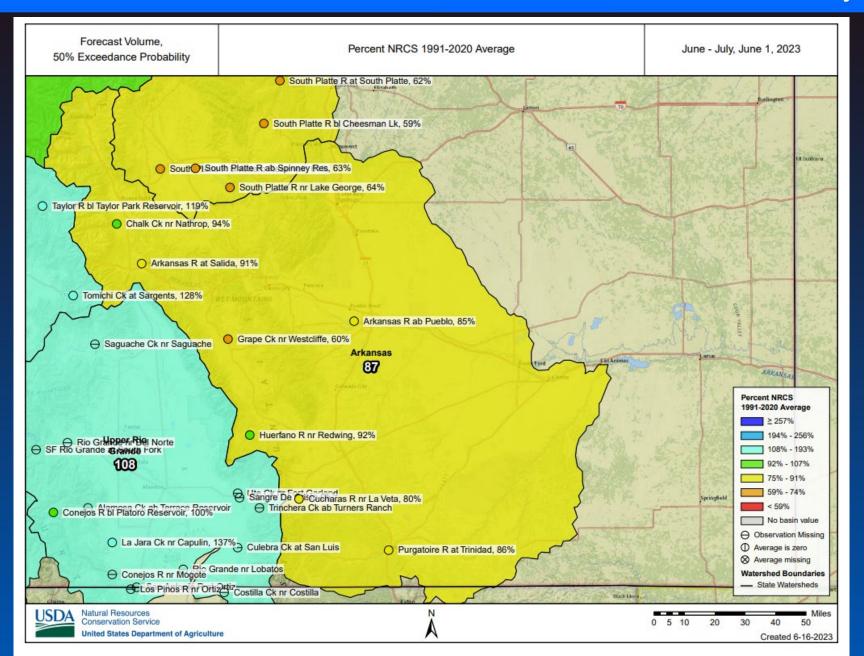






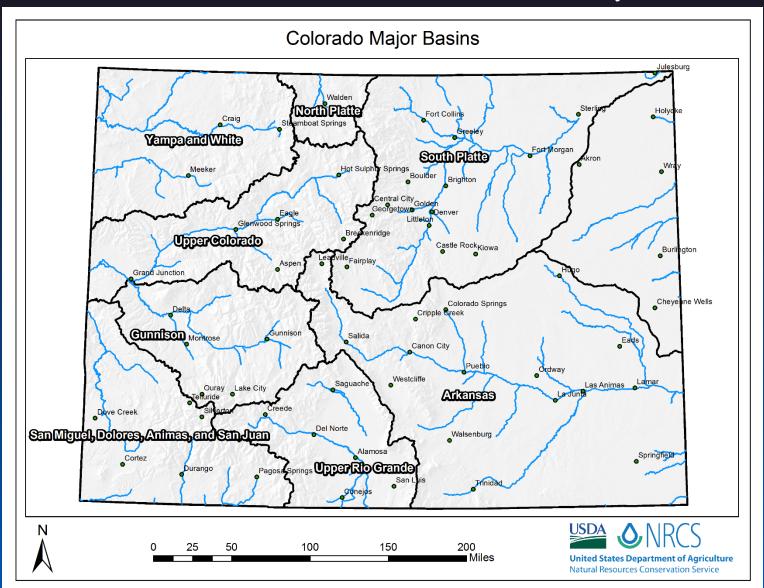


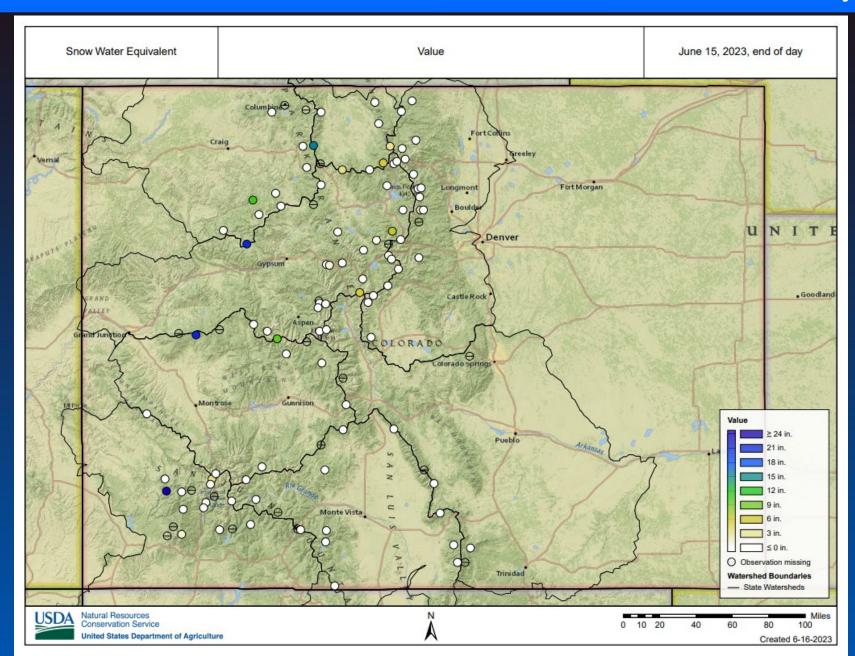




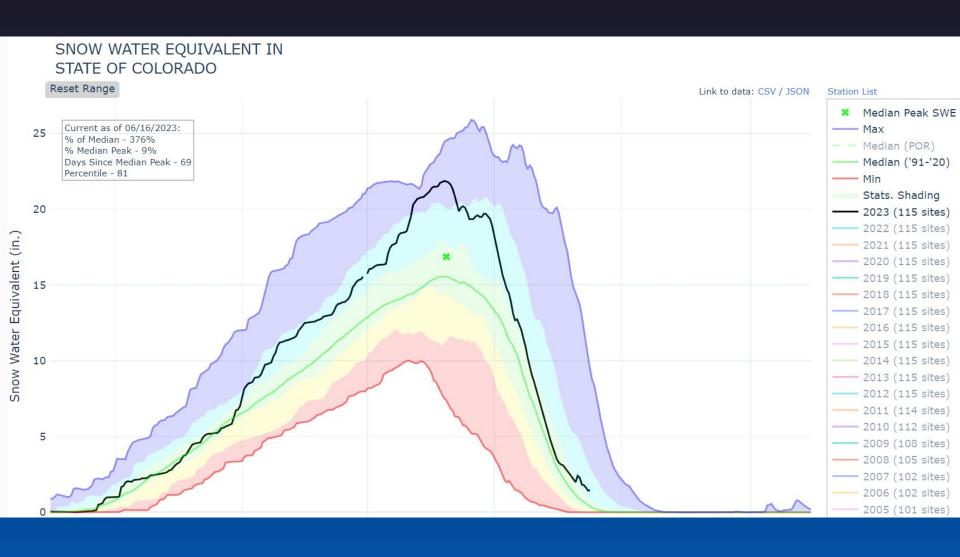


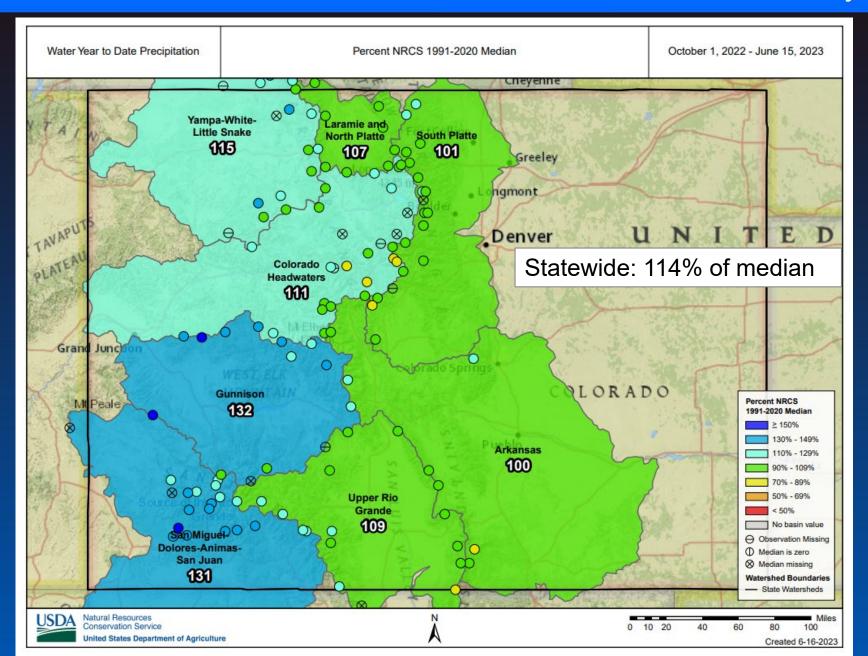
Colorado Statewide Summary



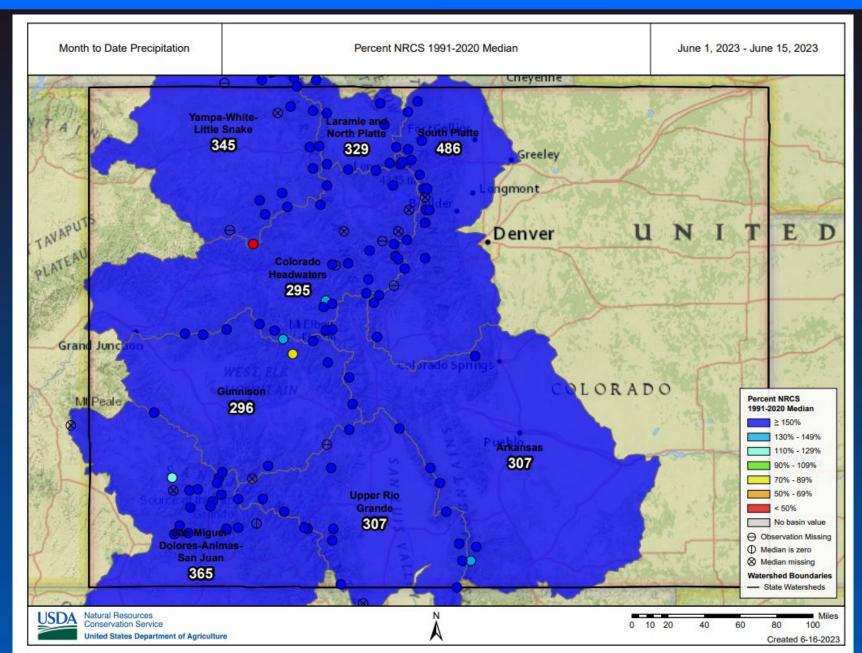




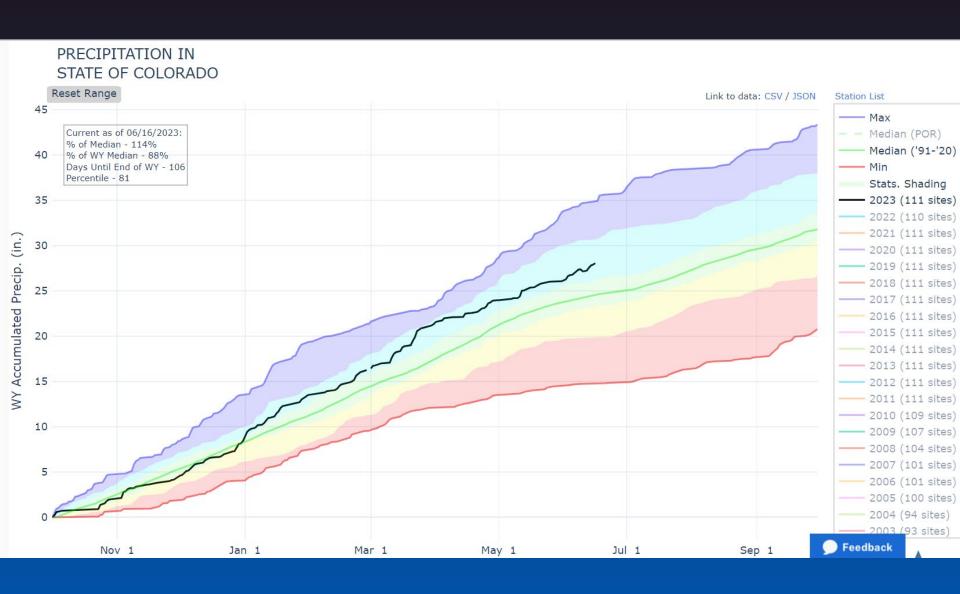




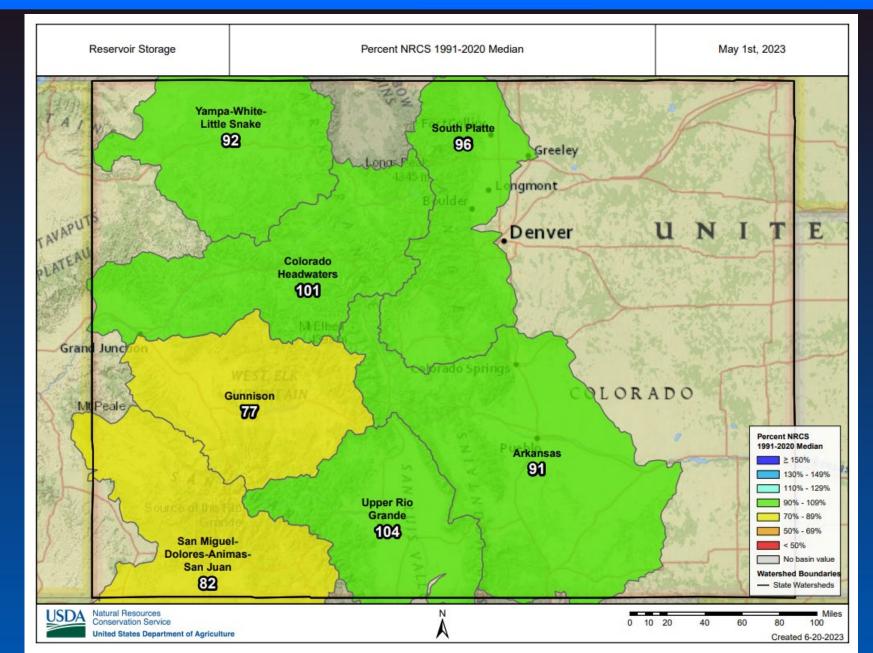
USDA



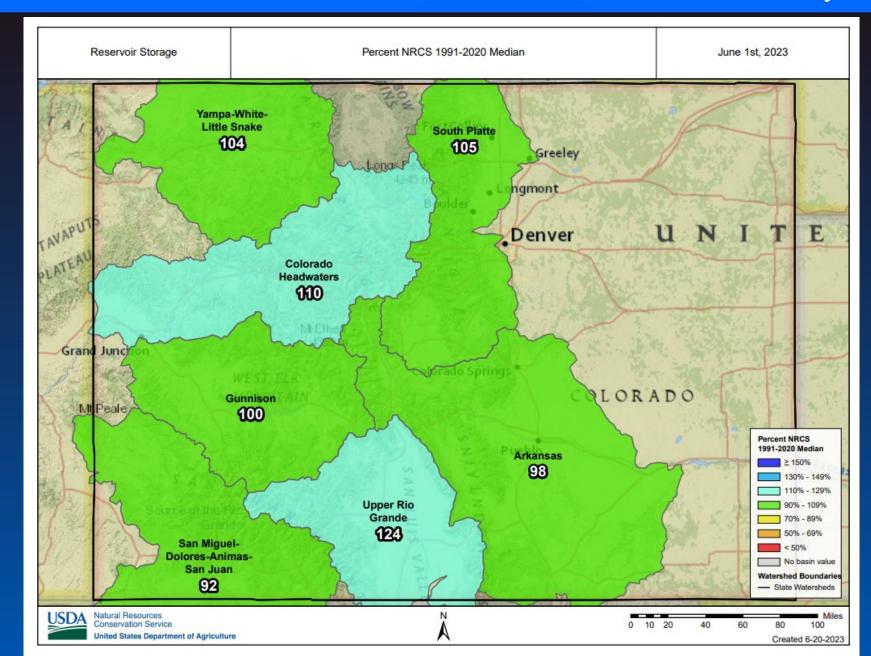




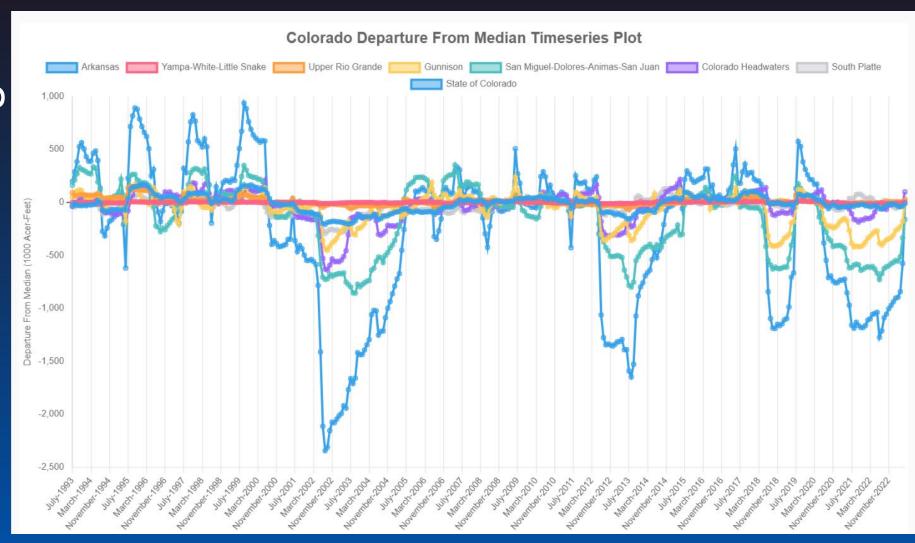




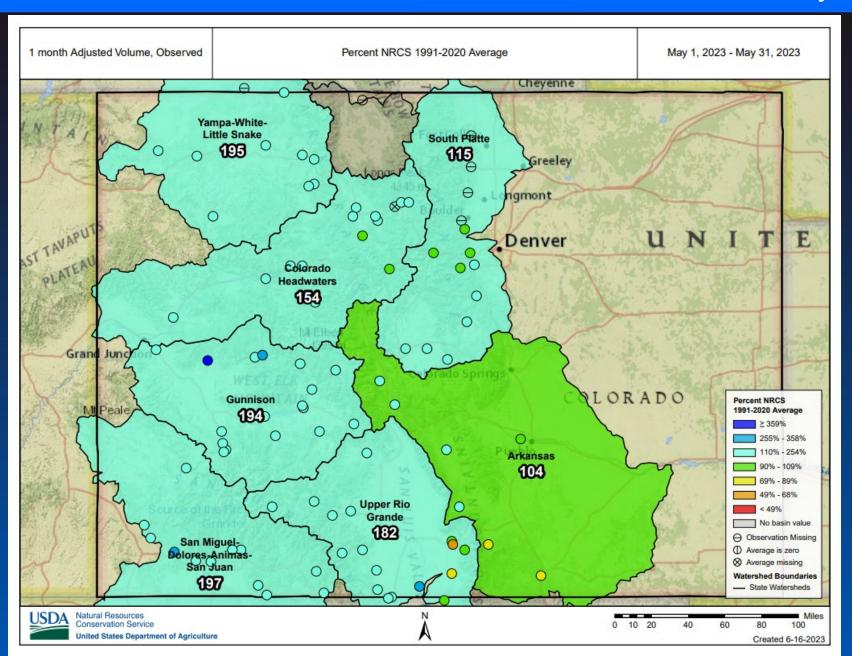




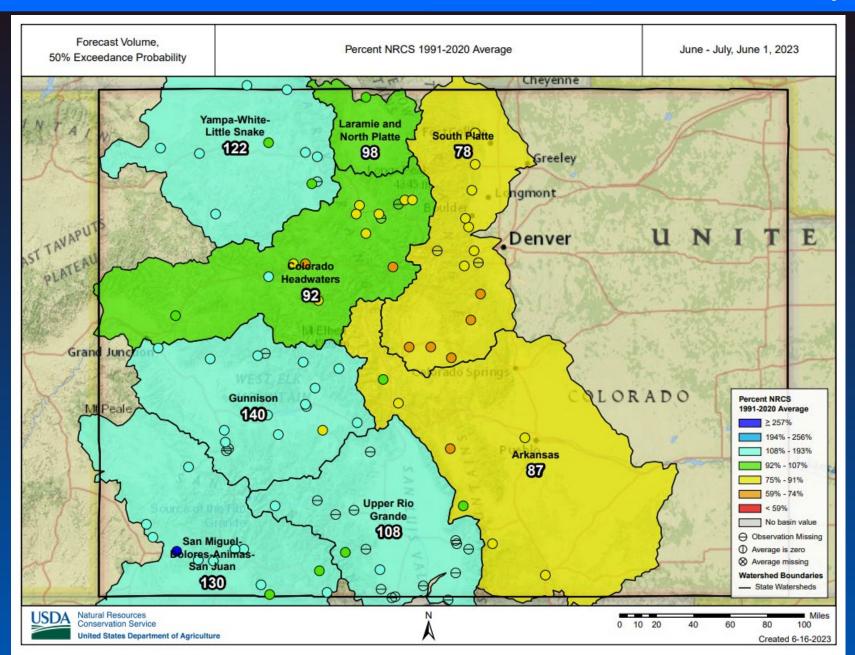


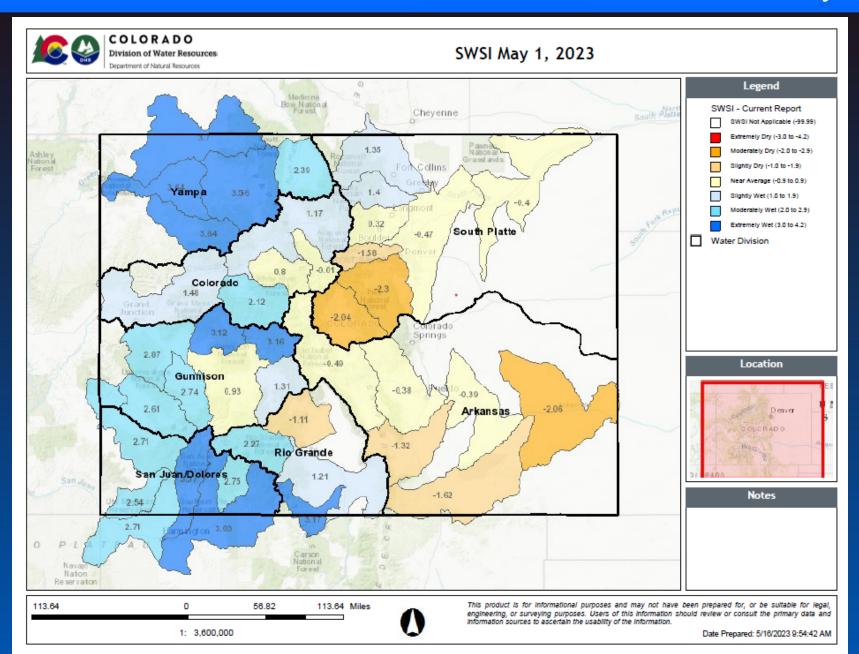


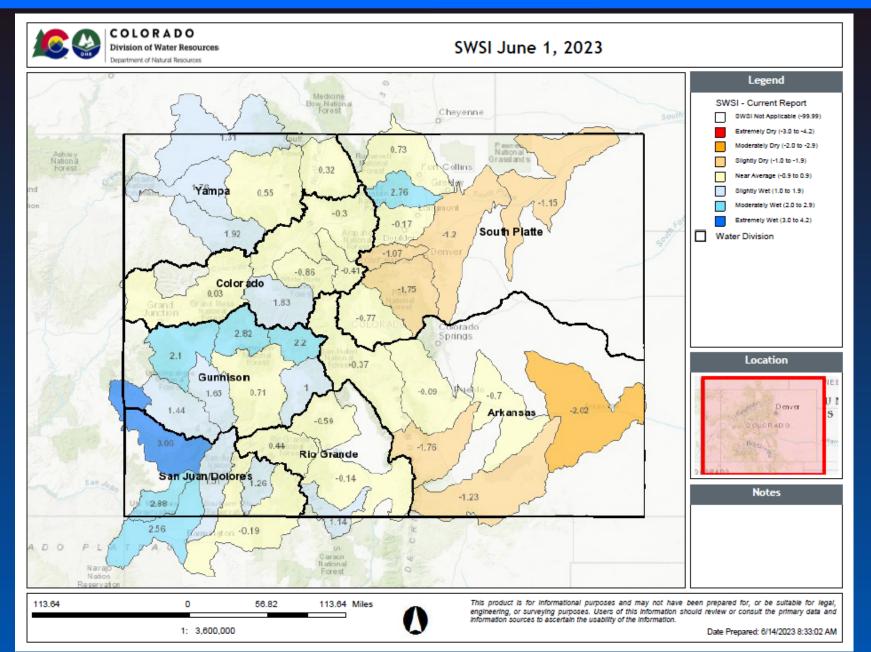














Summary

- •Snowpack has melted out most SNOTEL sites in Colorado.
- •Water Year to date precipitation is near to well above normal in all major basins of Colorado.
 - June-to-date precipitation has been well above normal in the mountains of Colorado.
- •May observed streamflow volumes were well above normal across the state and nearly twice the normal volumes in much of Western Colorado.
- •Following significant runoff in May the streamflow forecasts for the June-July period are lower with respect to normal than the full April-July period.
- •Reservoir storage volumes have been swiftly increasing across the Western Slope where they have been the lowest in the state for several years. All major basins are now holding near to well above normal reservoir storage volumes.

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