Water Availability Task Force Meeting April 19th, 2022

NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

Hydrologist

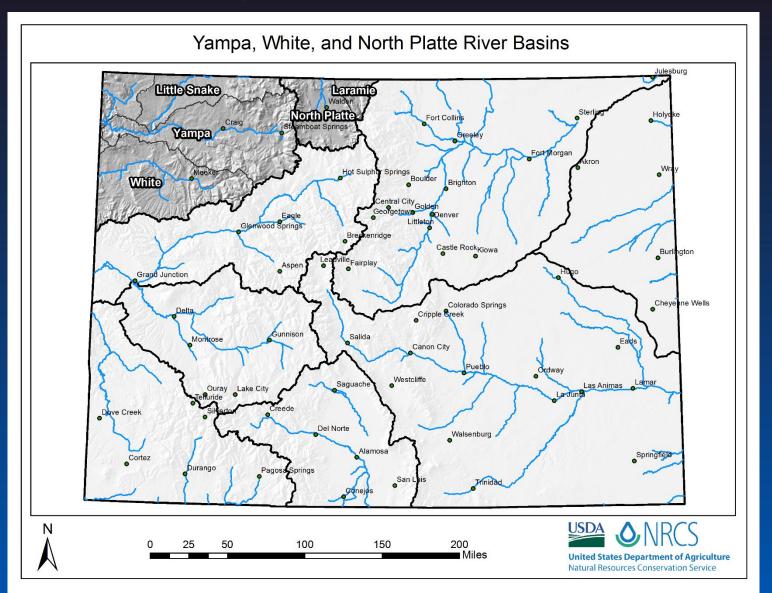
Karl.Wetlaufer@usda.gov

720-544-2853

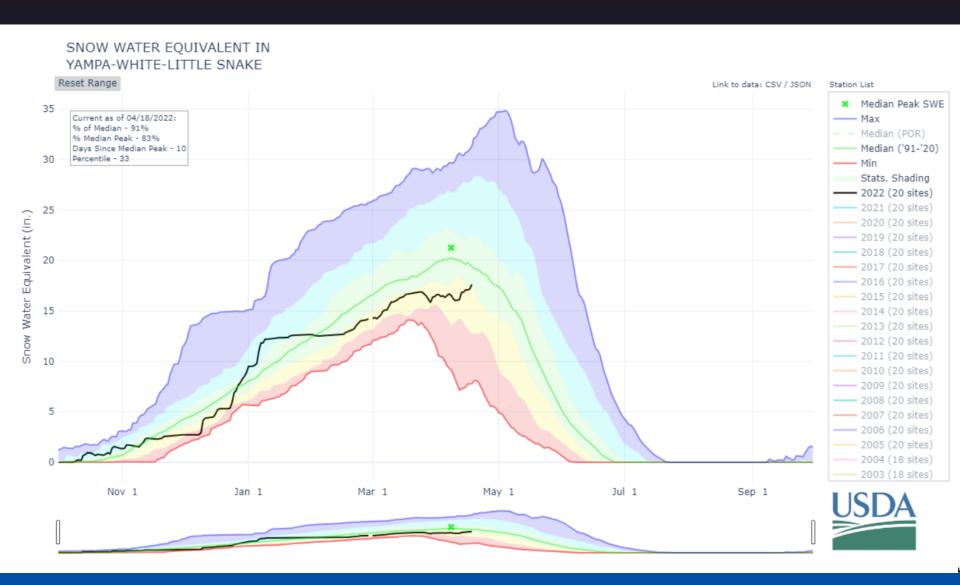
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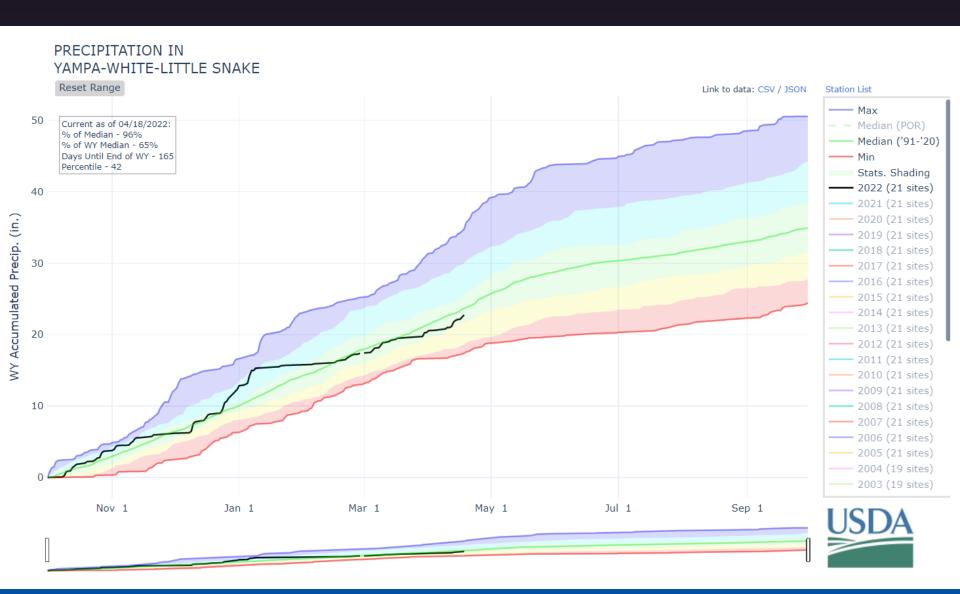
Major Basin Summary



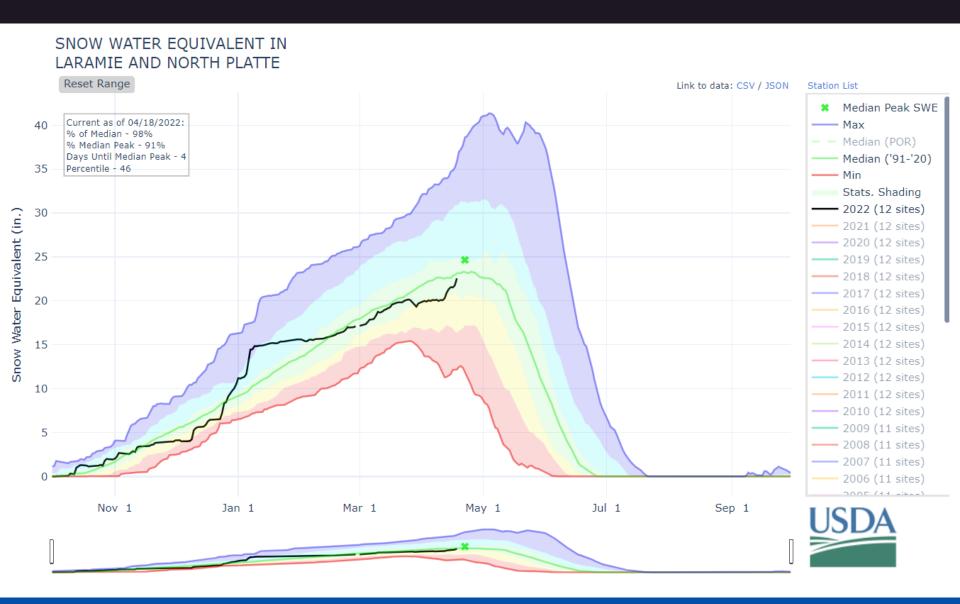




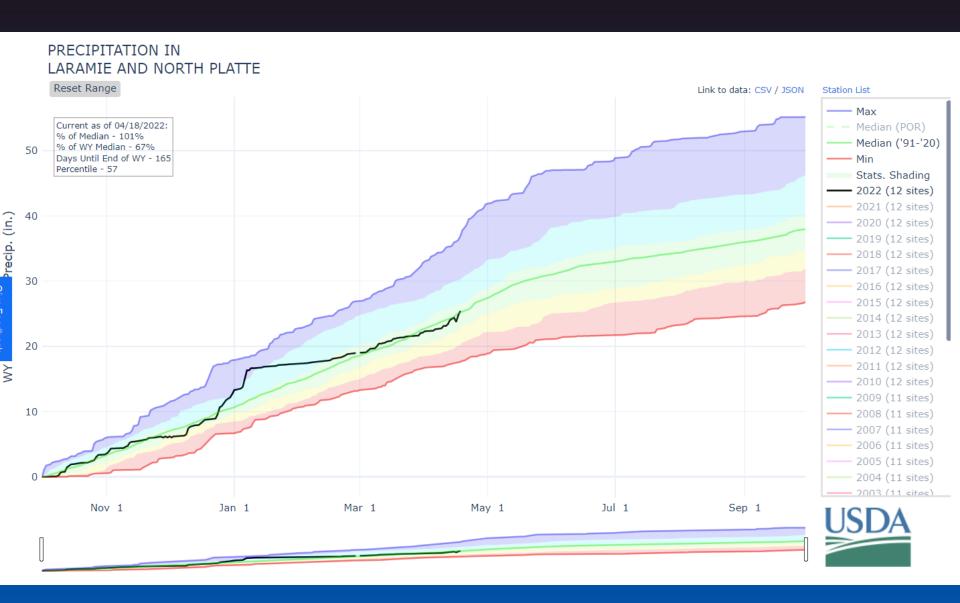




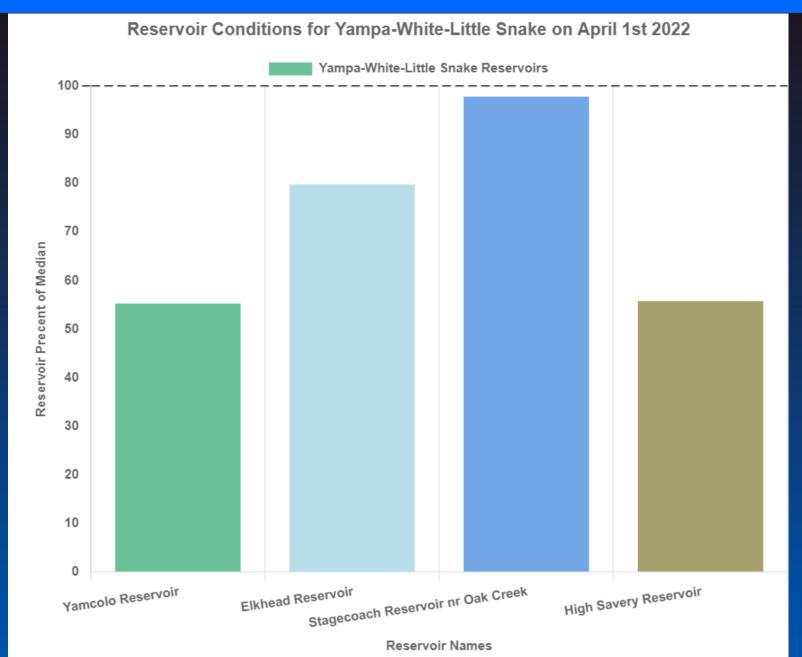




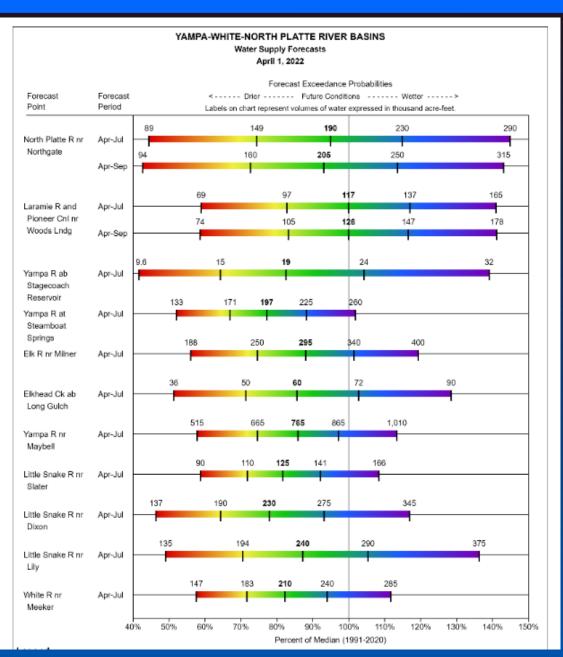






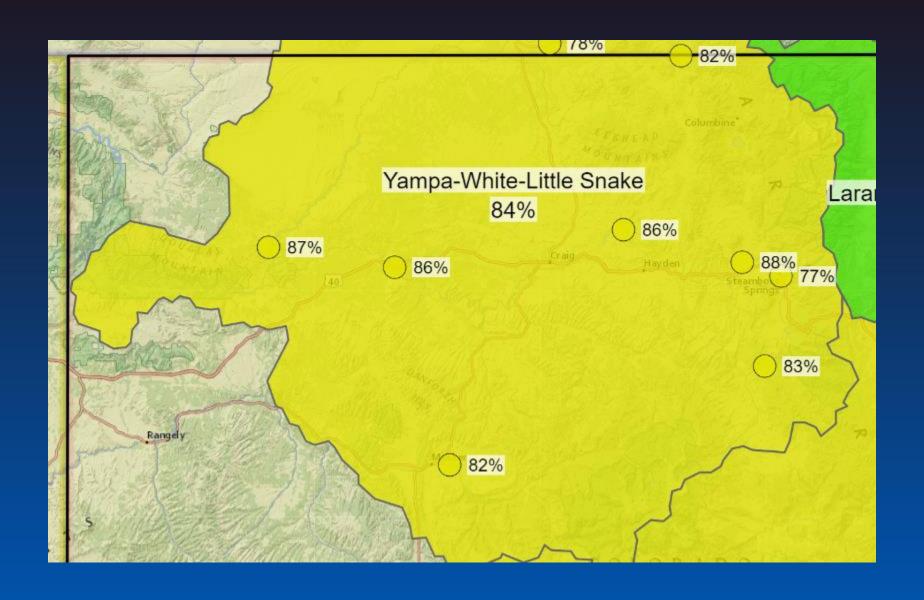






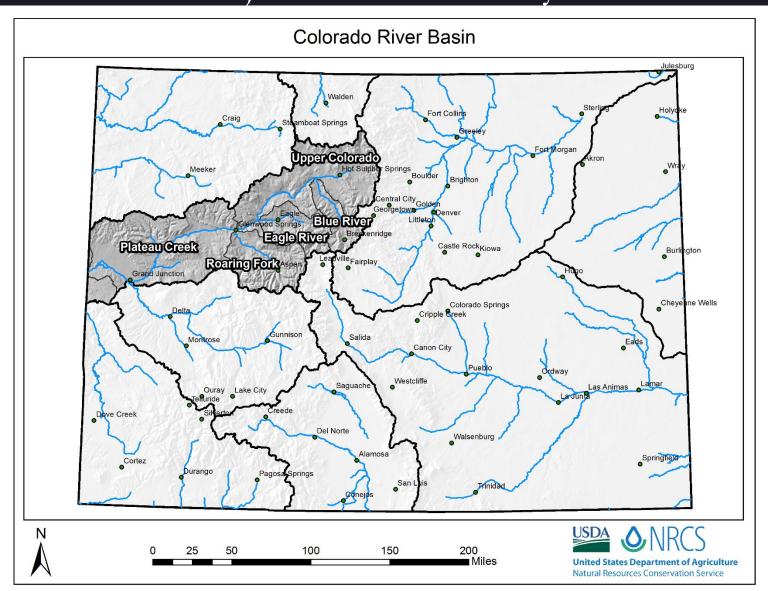




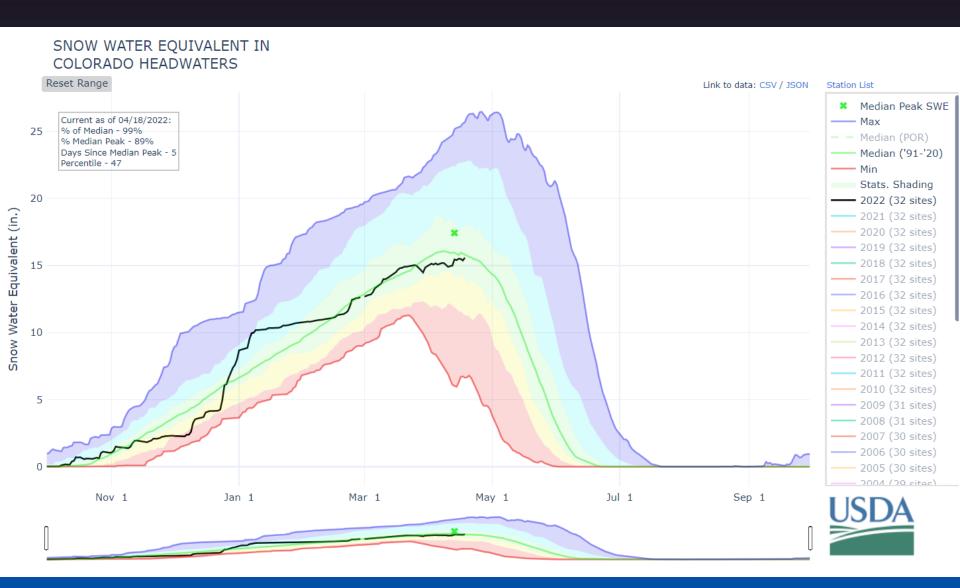




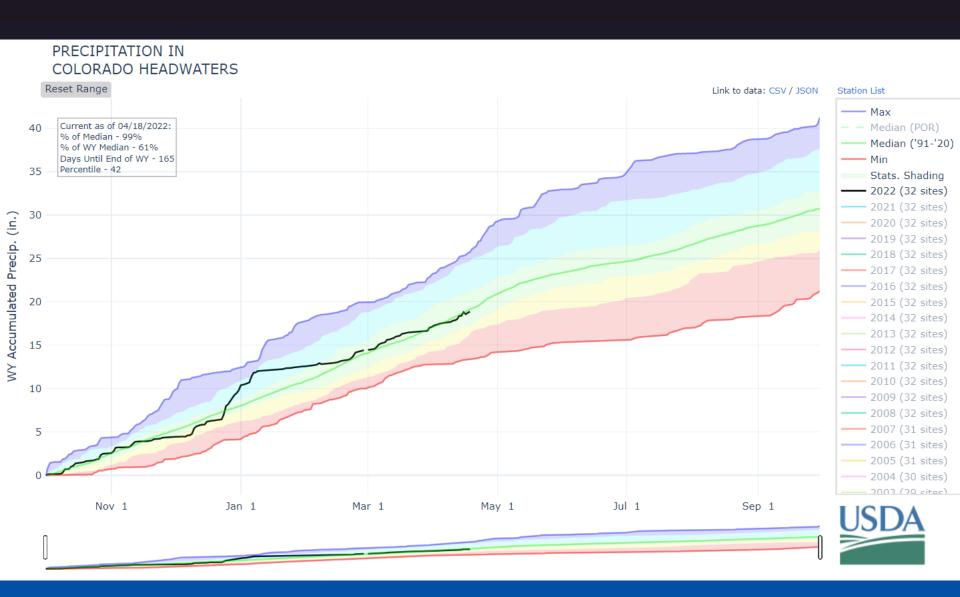
Major Basin Summary





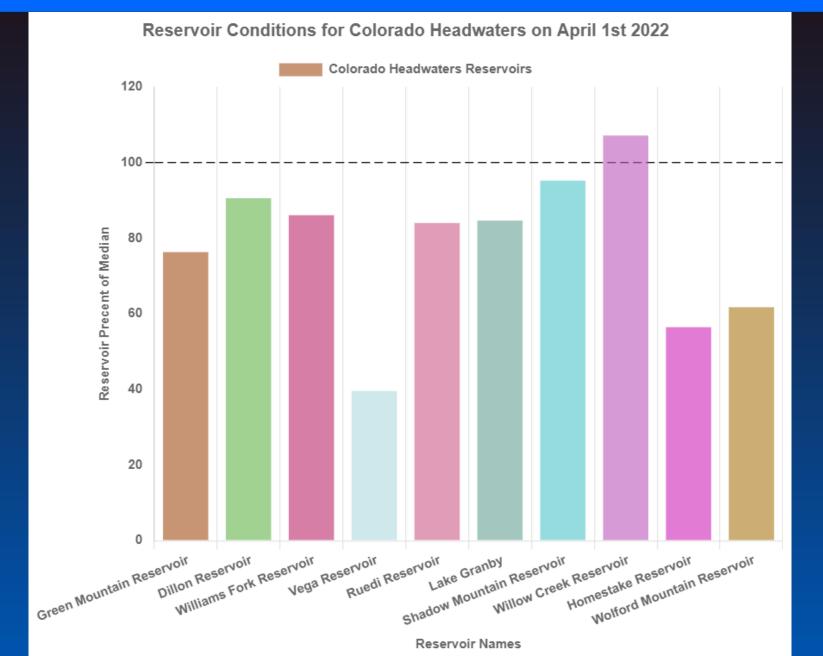




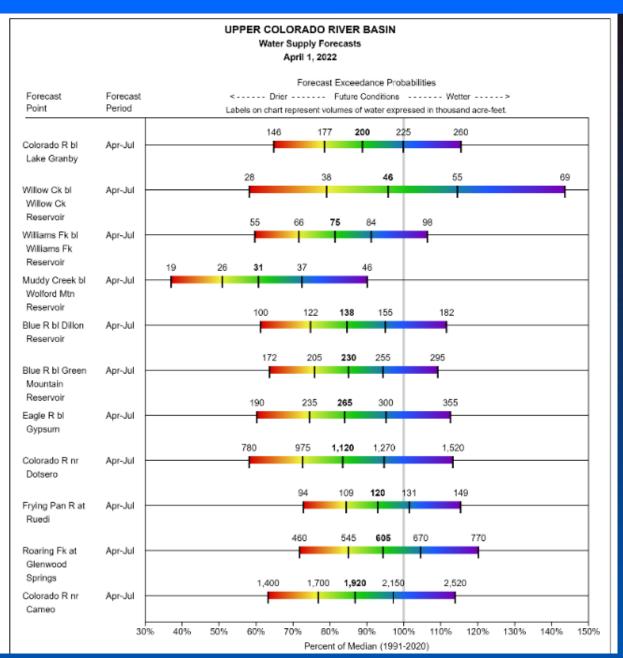




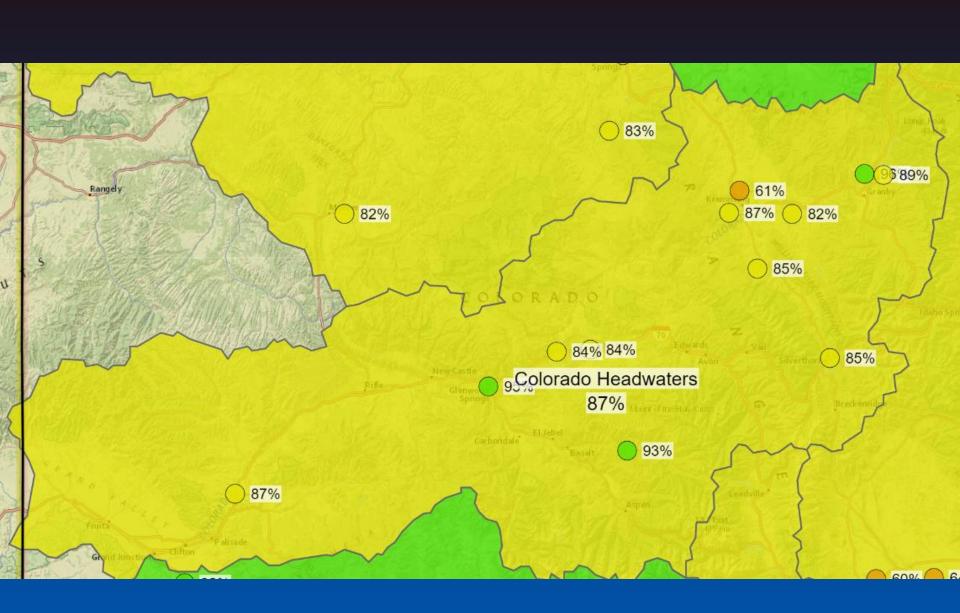








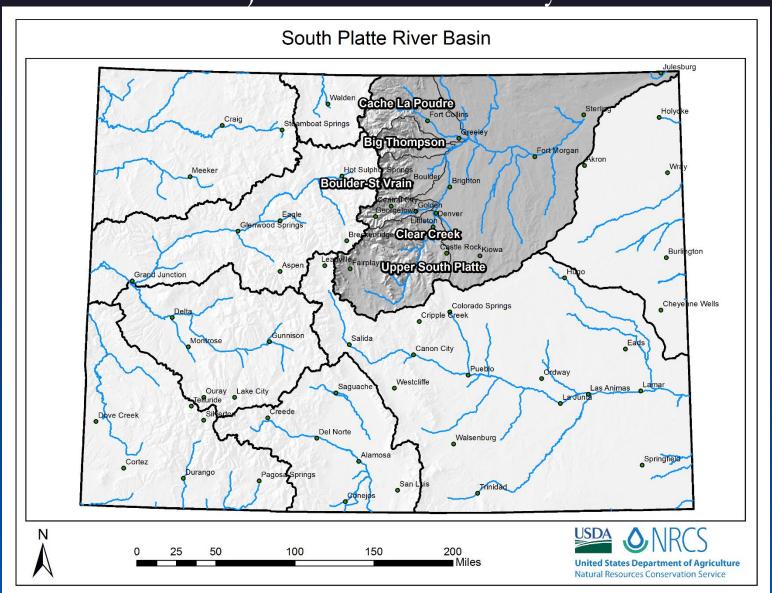




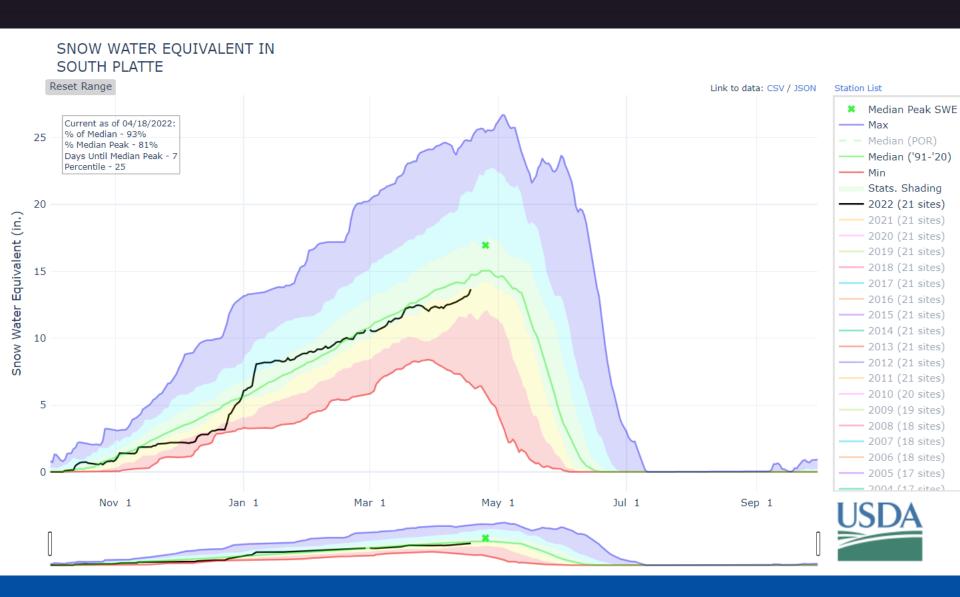




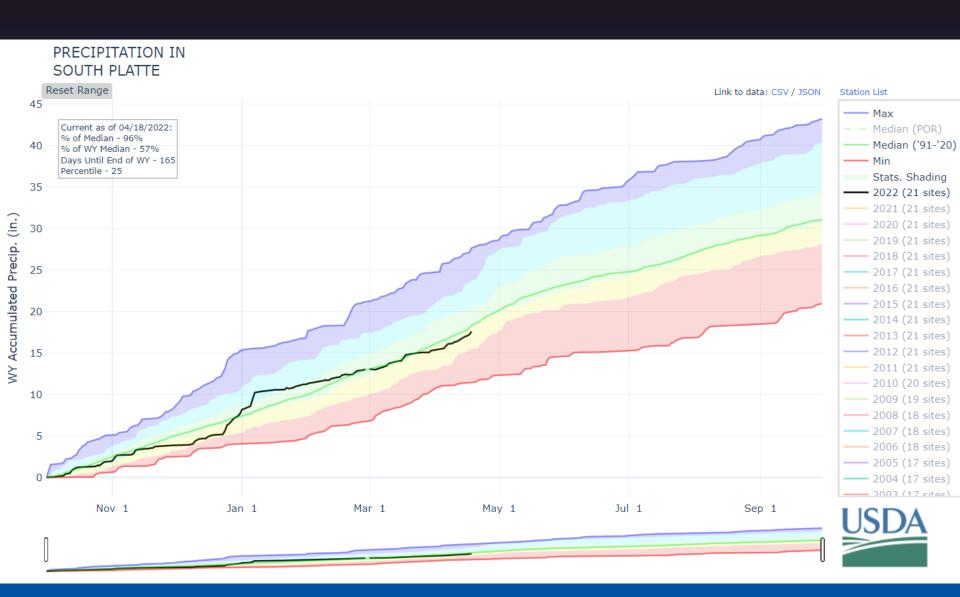
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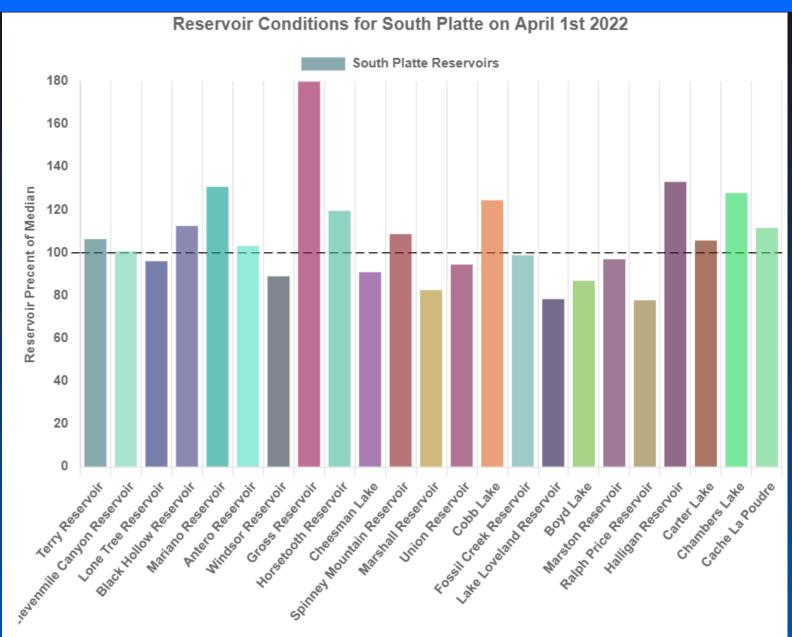








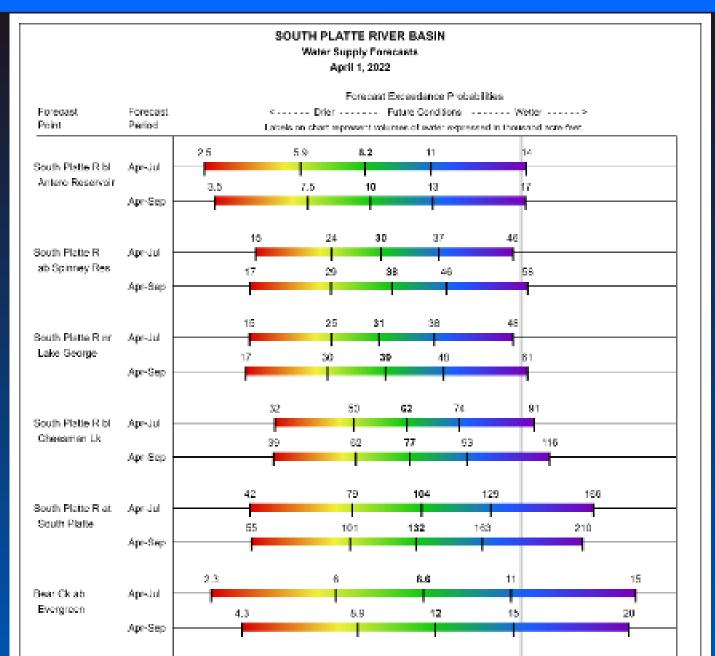




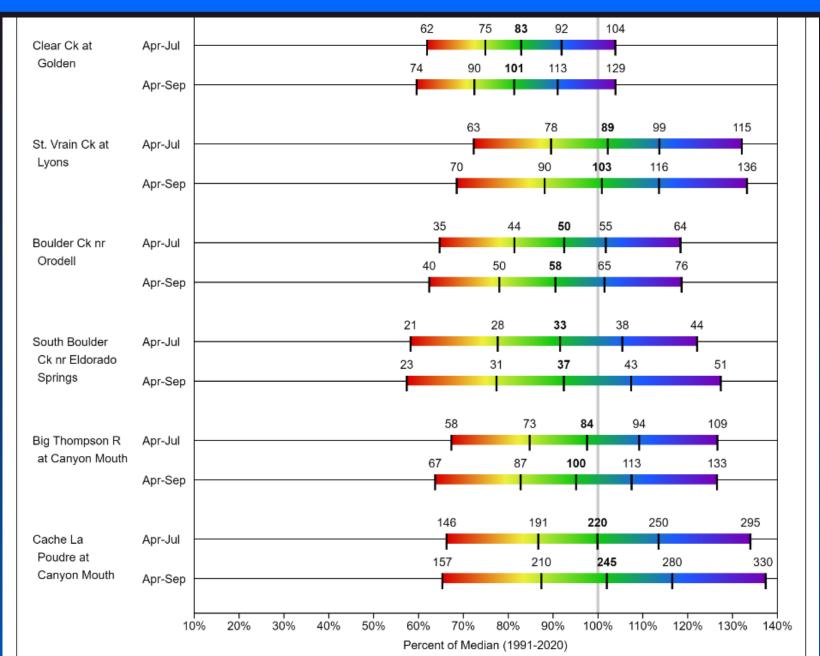
Reservoir Names



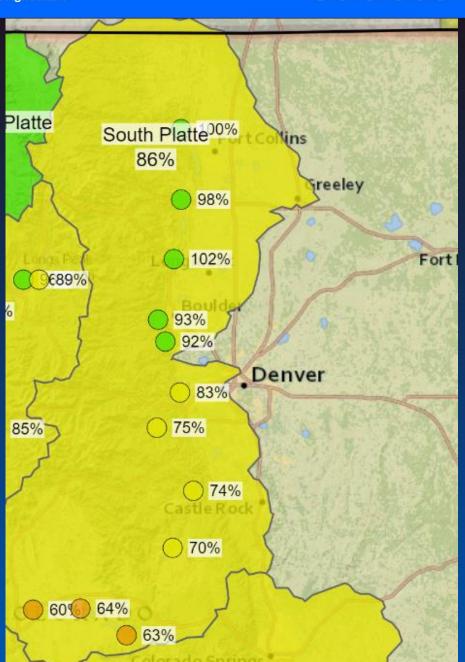






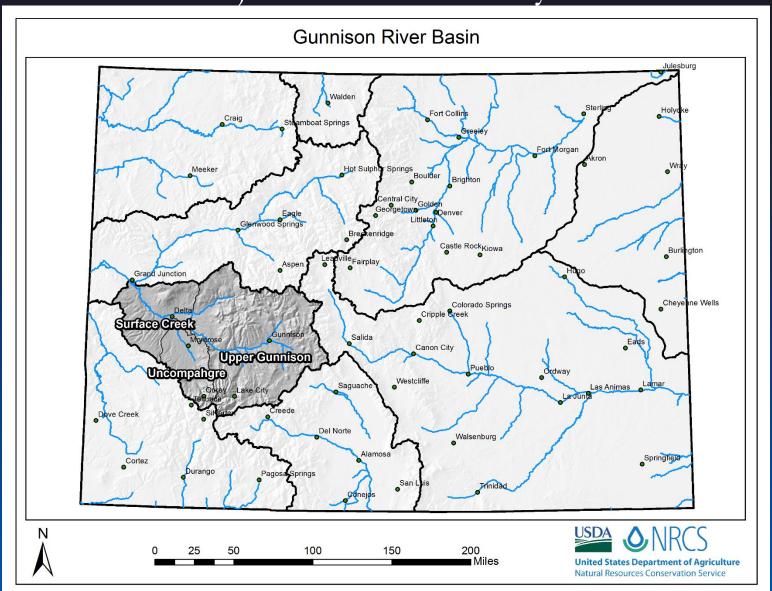




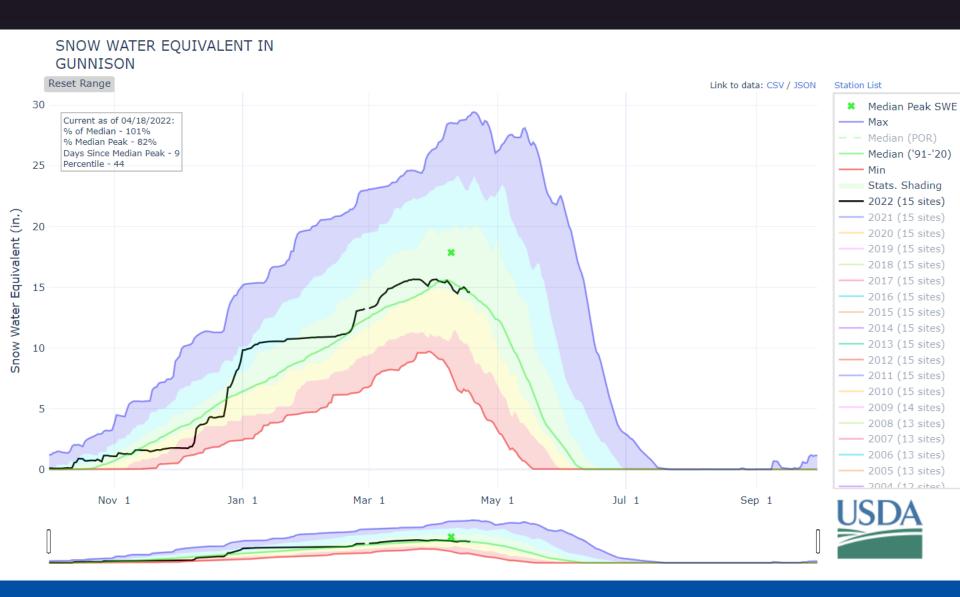




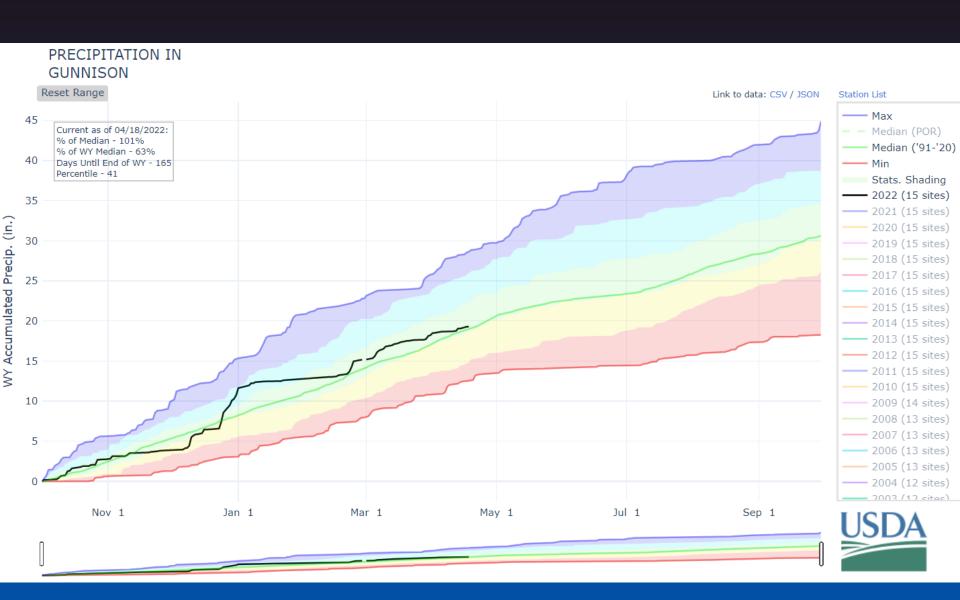
Major Basin Summary



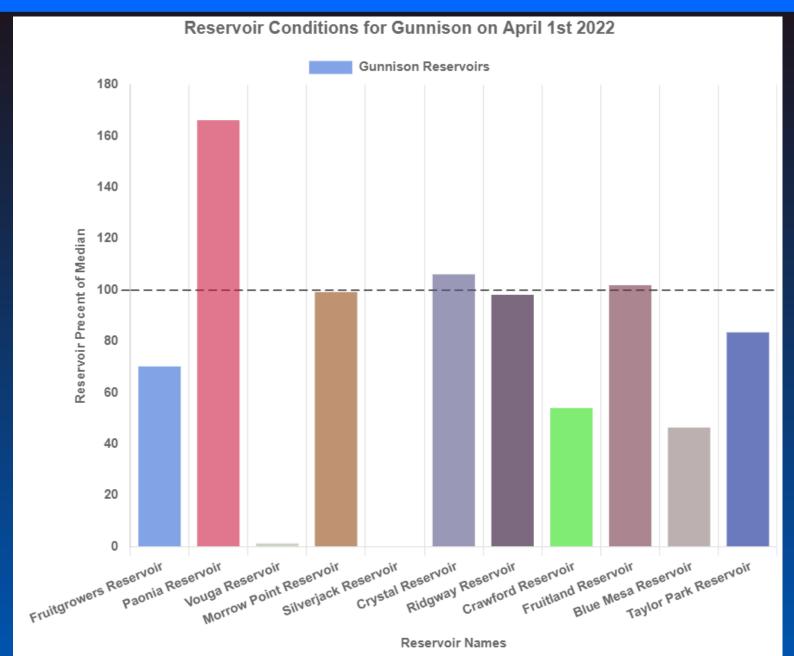




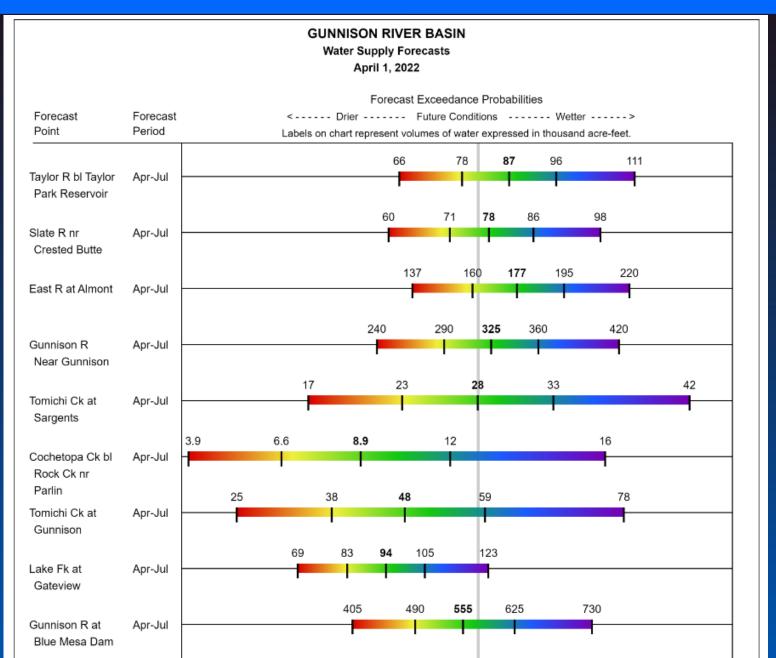




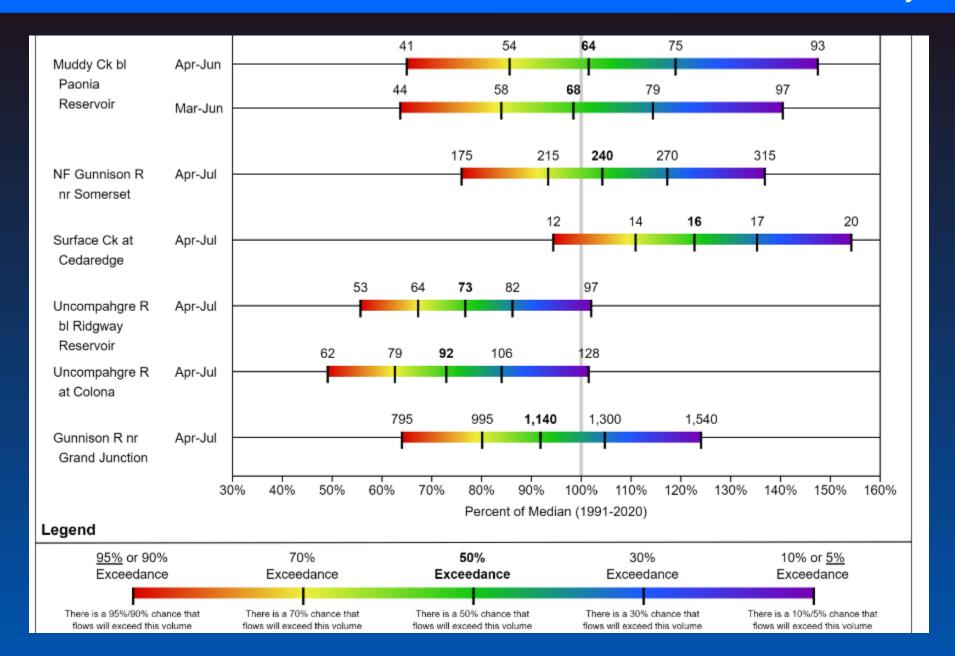






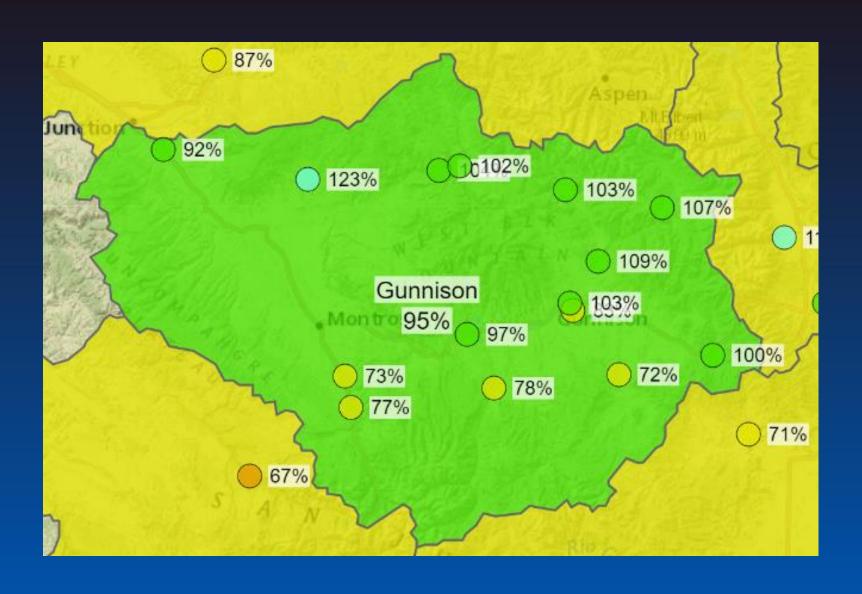






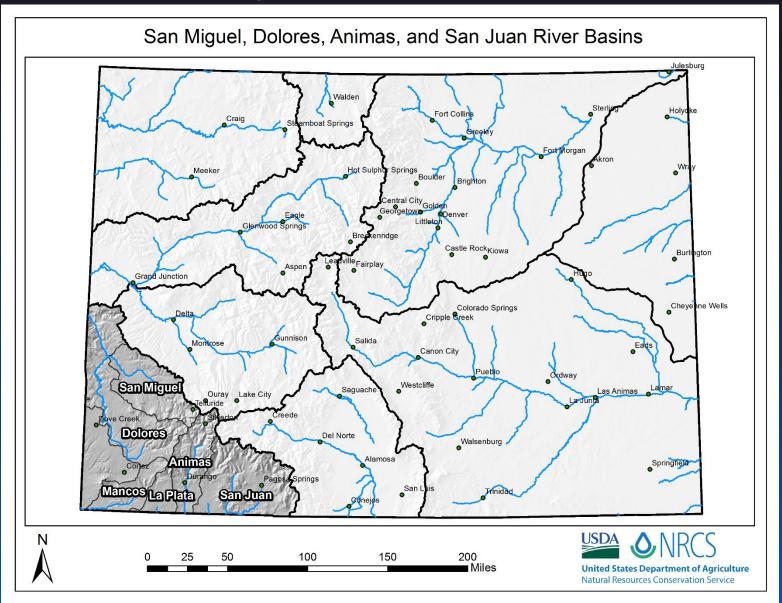




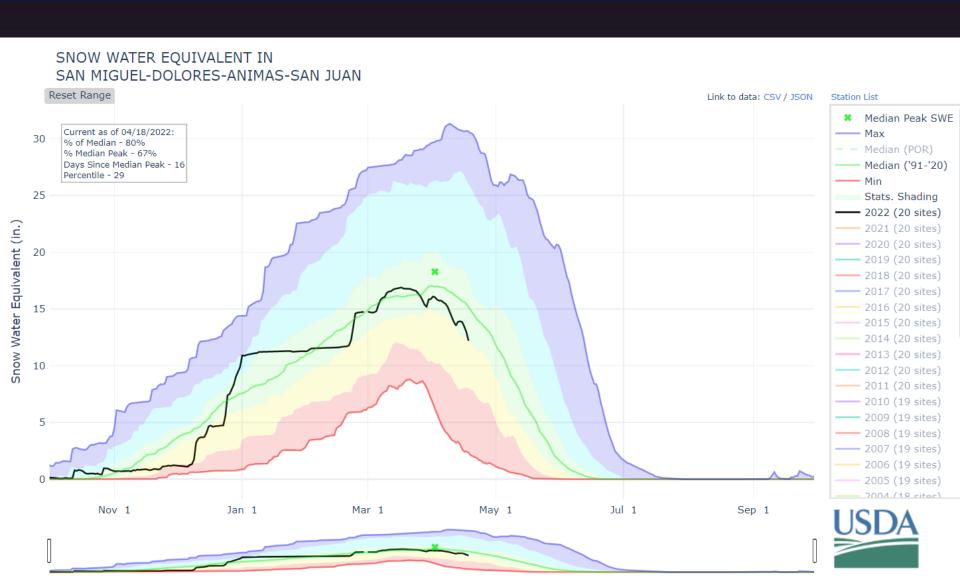




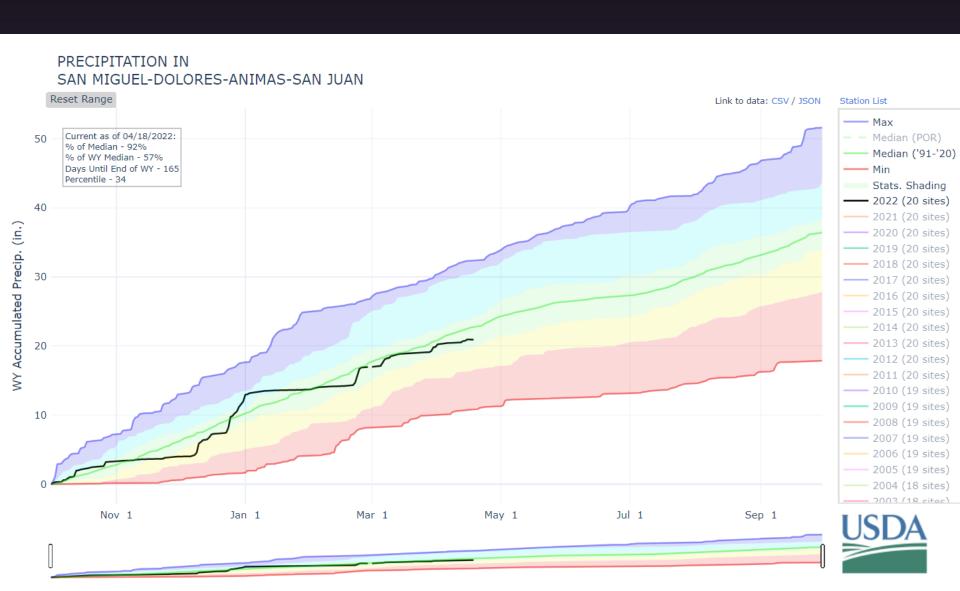
Major Basin Summary



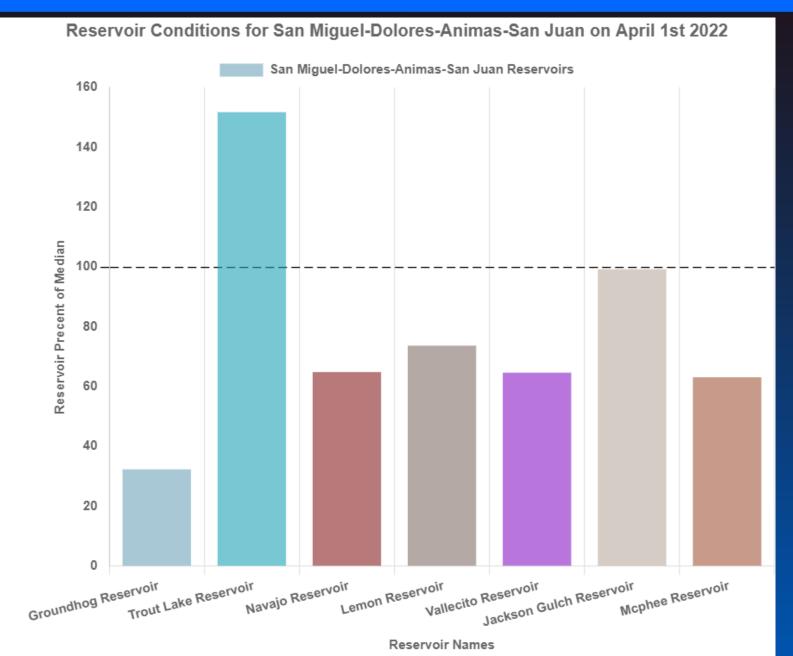




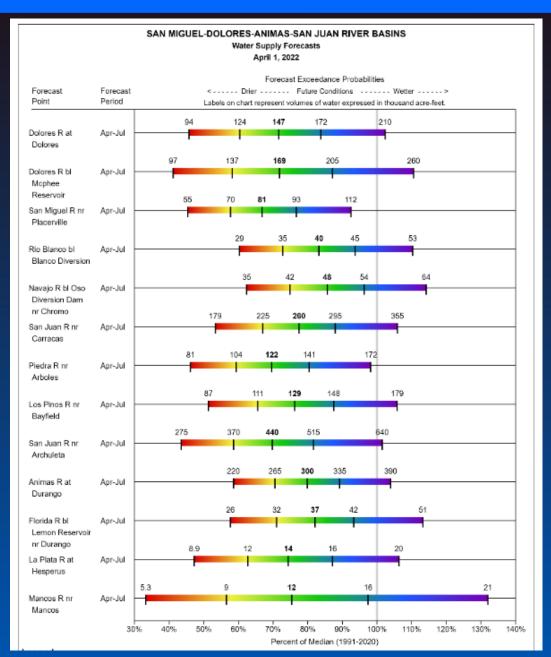




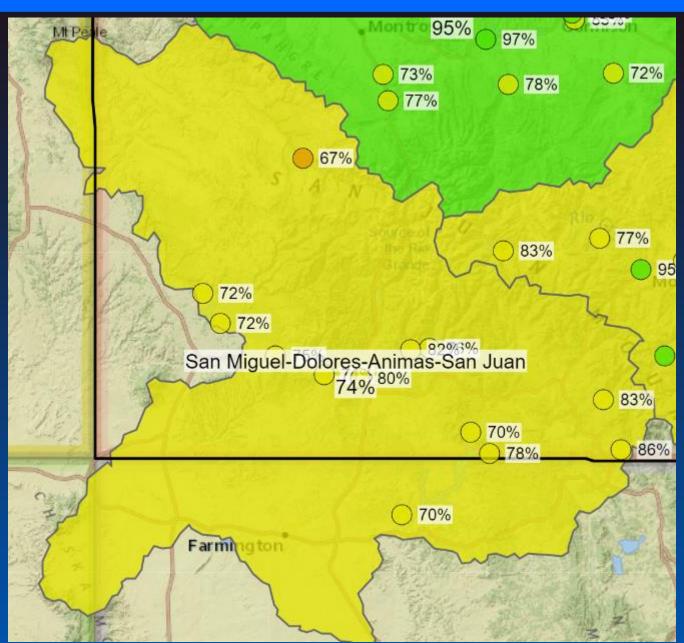








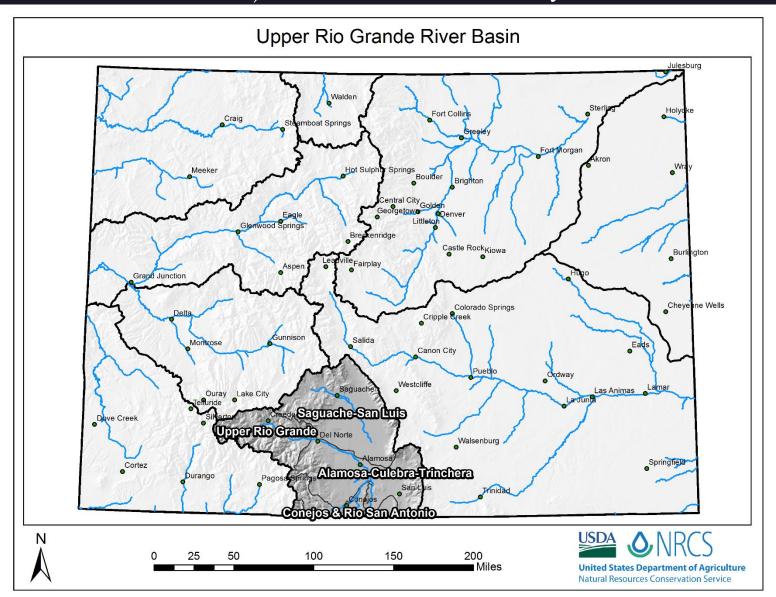




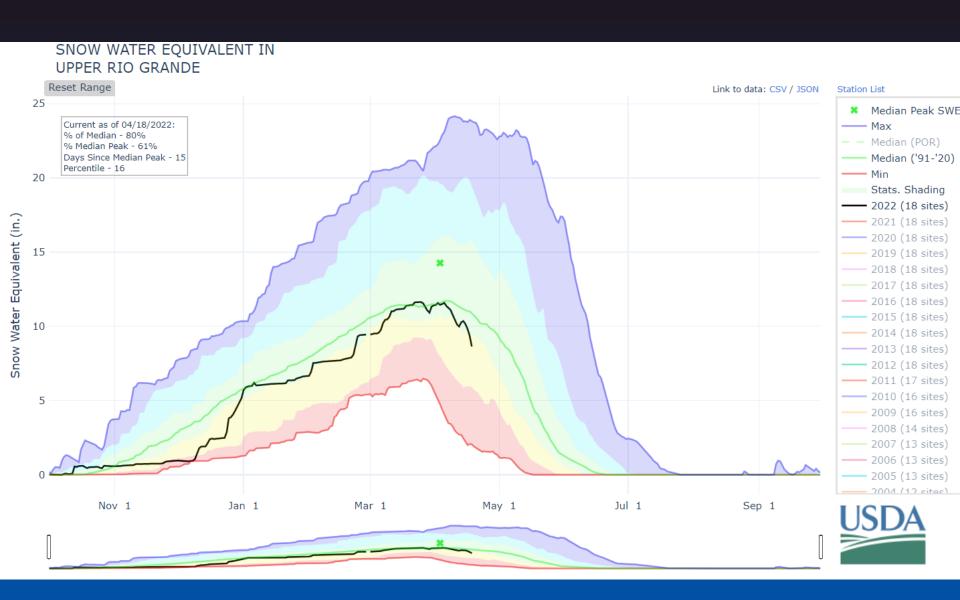




Major Basin Summary









Nov 1

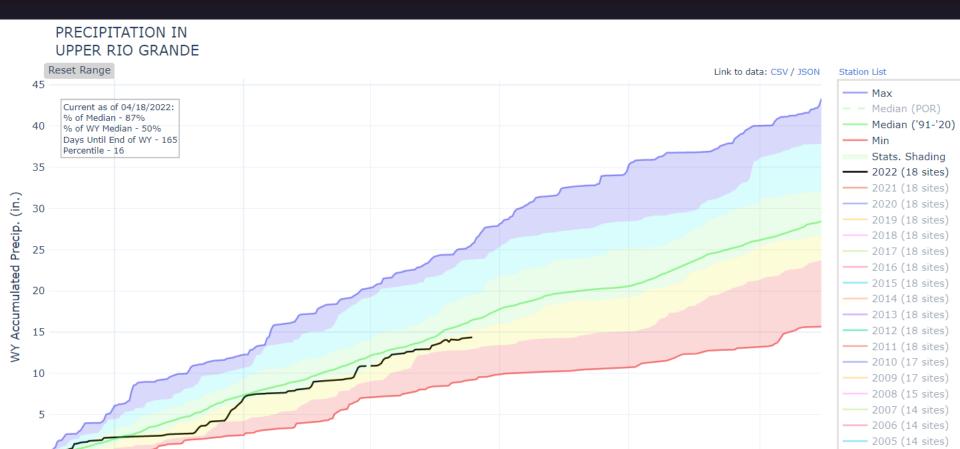
Jan 1

Mar 1

Colorado Snow Surveys

Sep 1

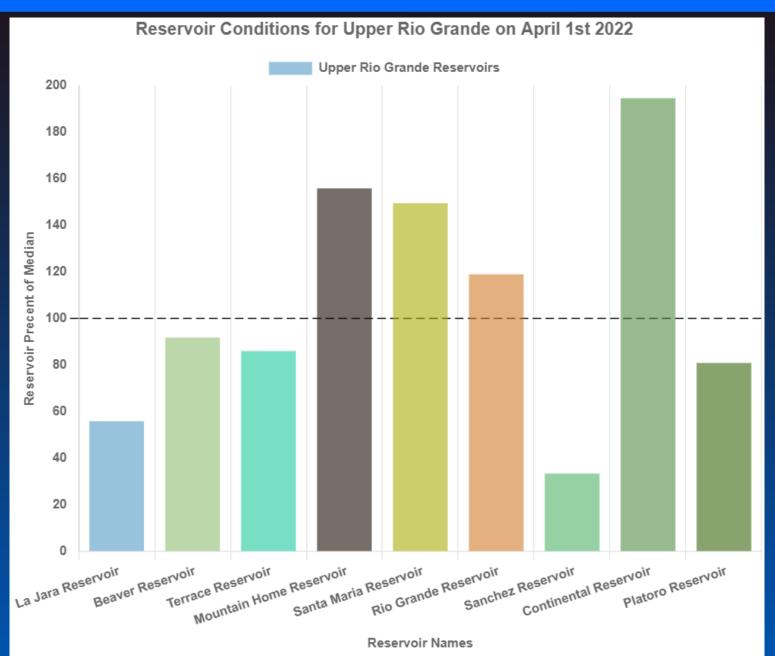
2004 (12 sites)



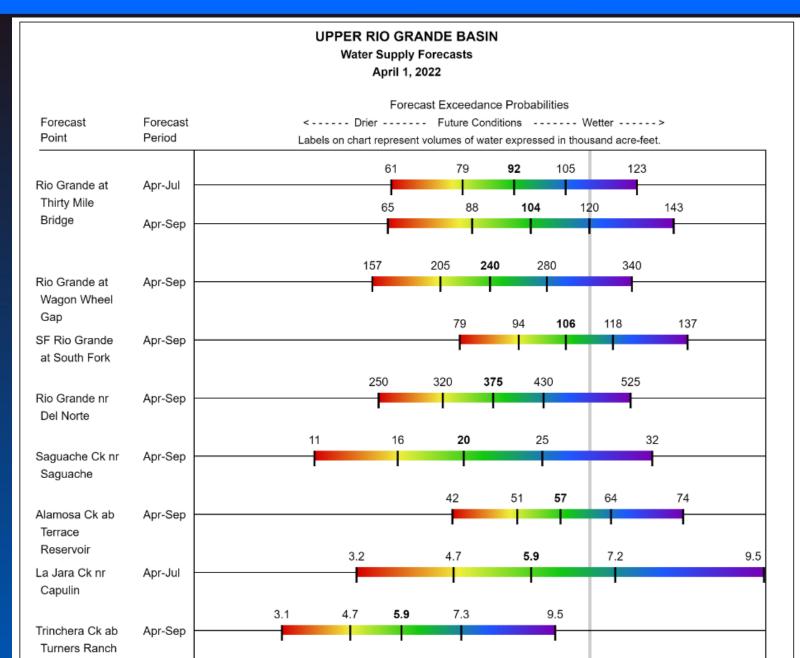
May 1

Jul 1

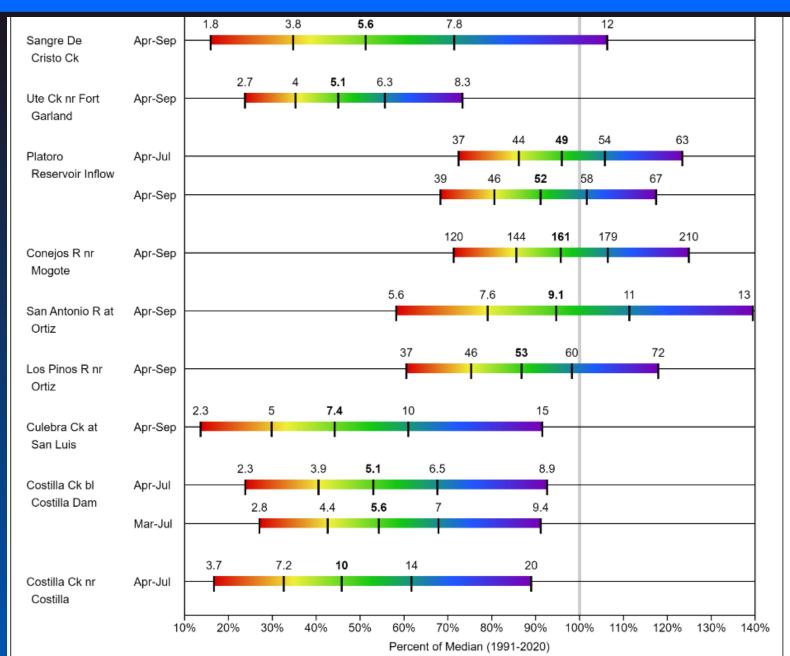






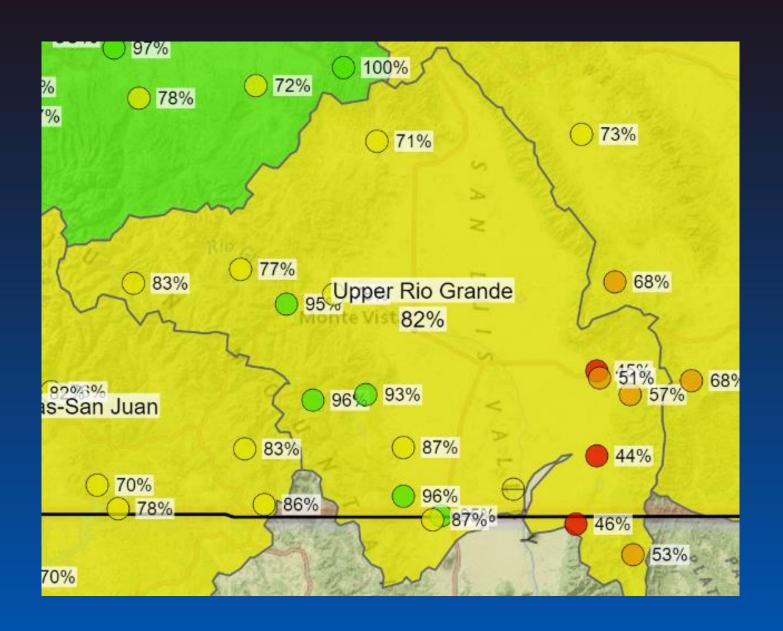








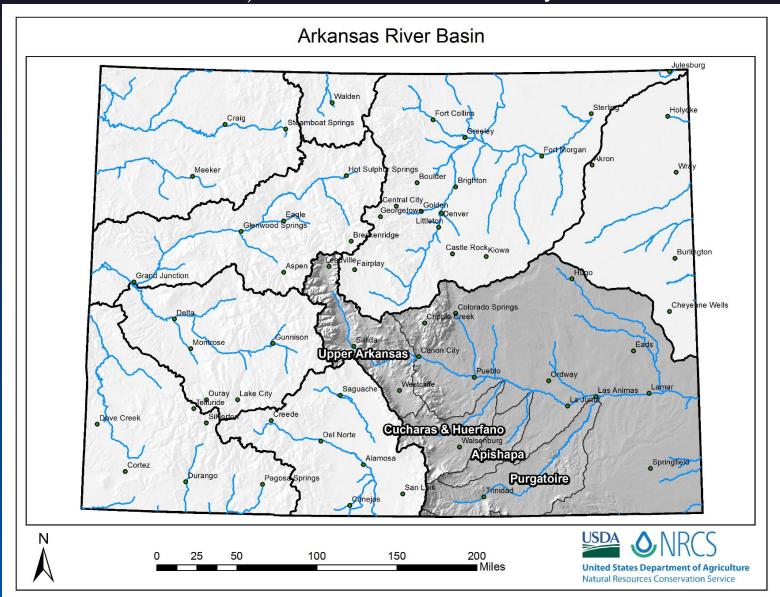




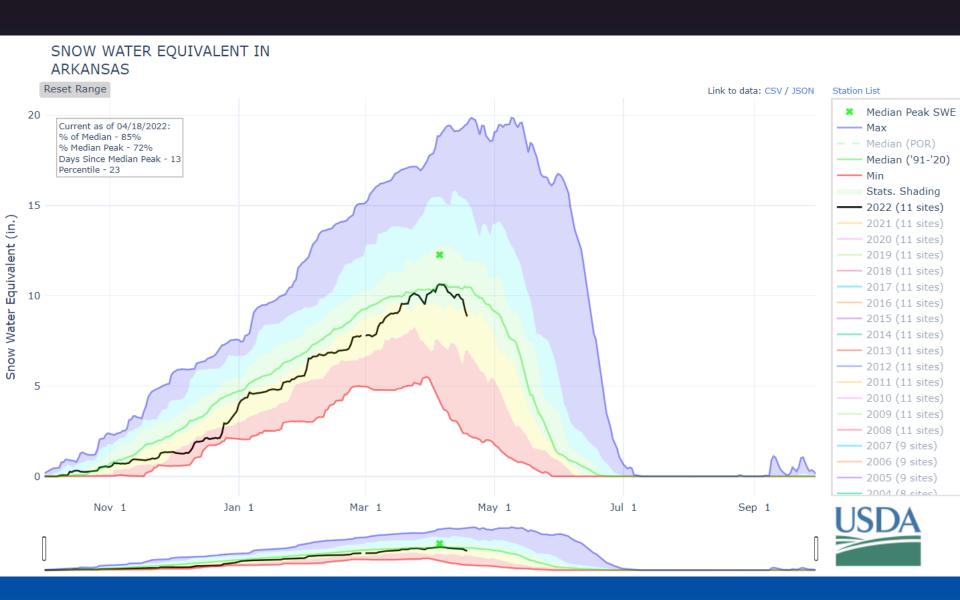


USDA

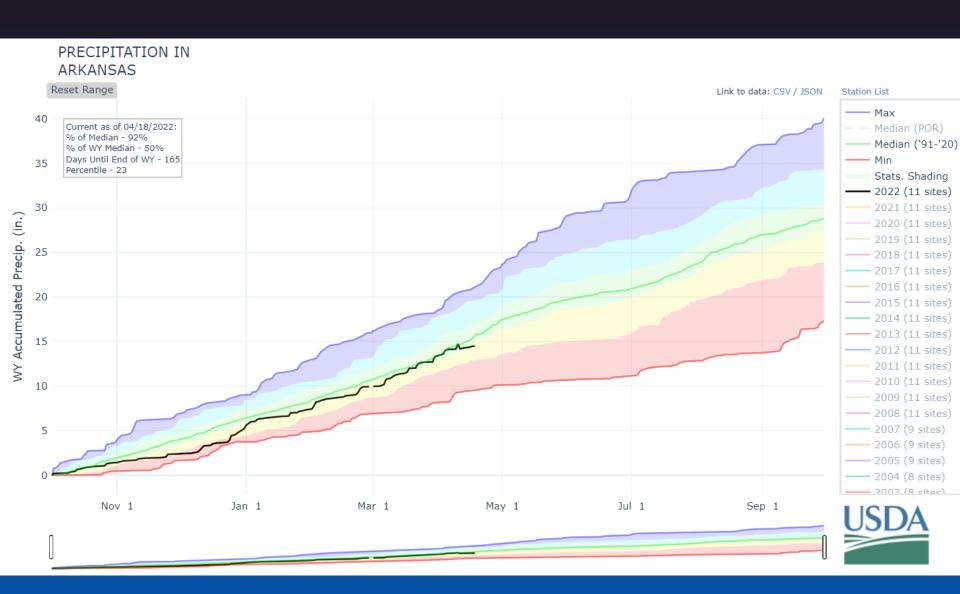
Major Basin Summary







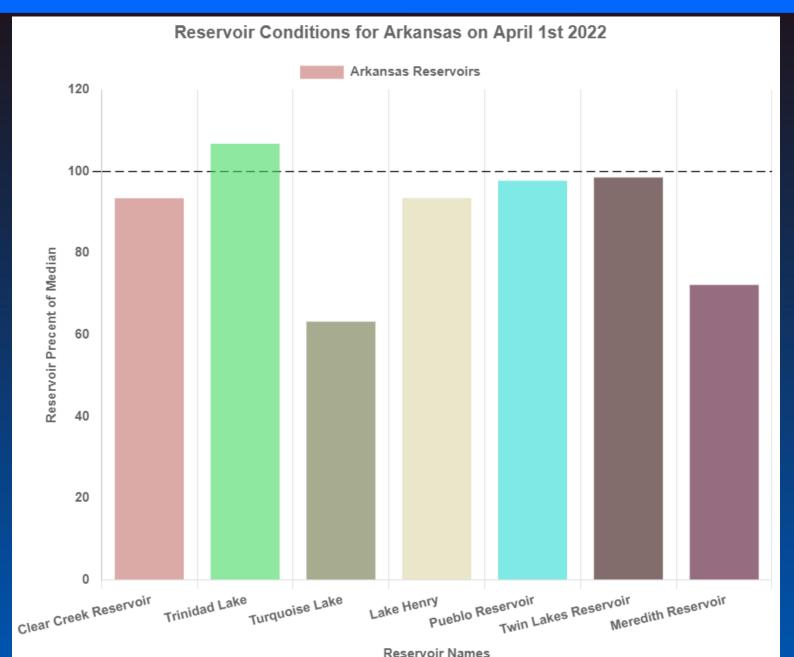




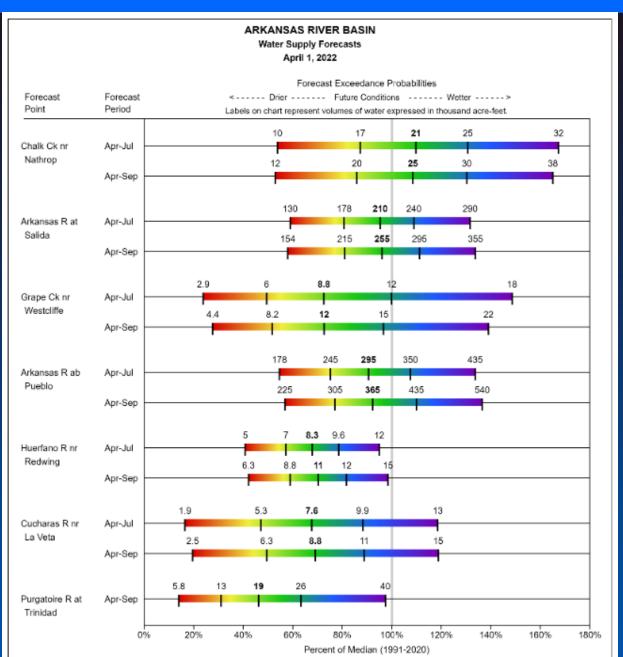






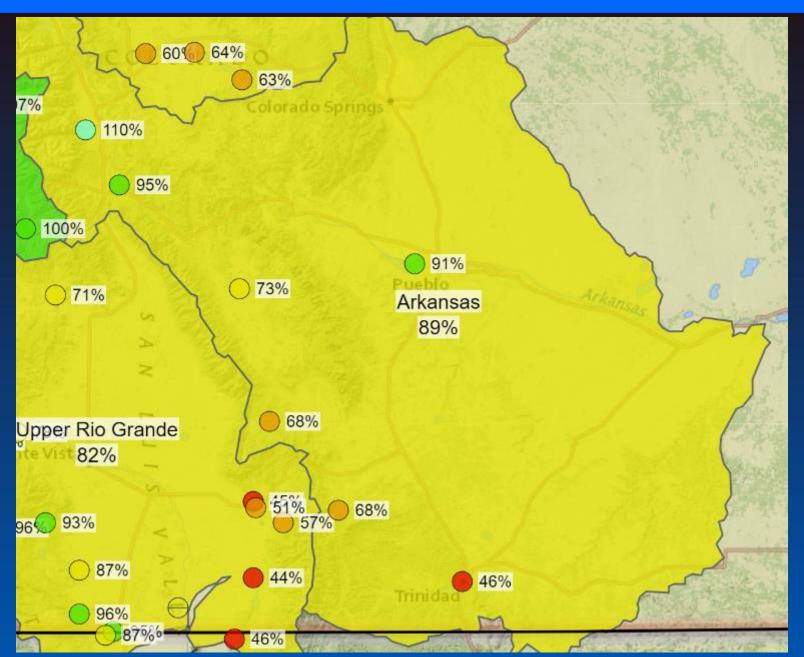






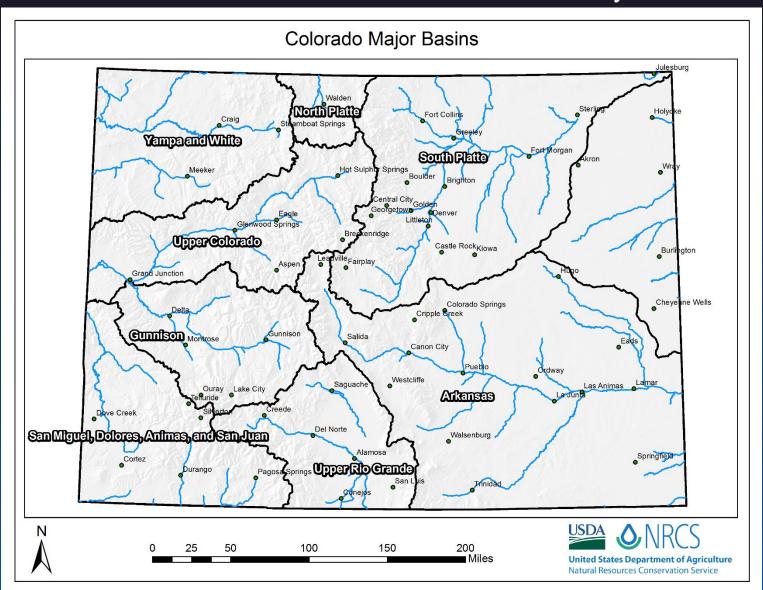




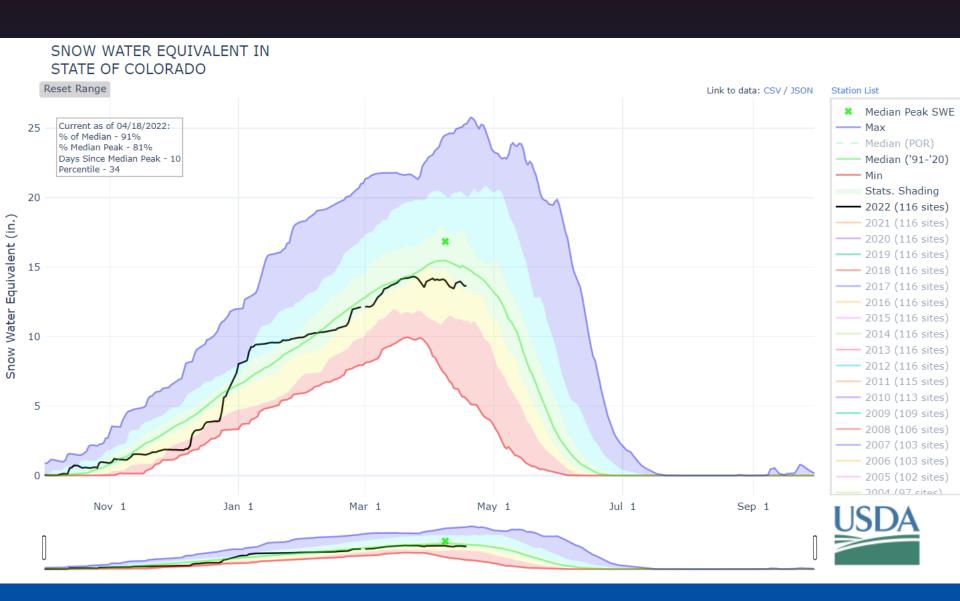


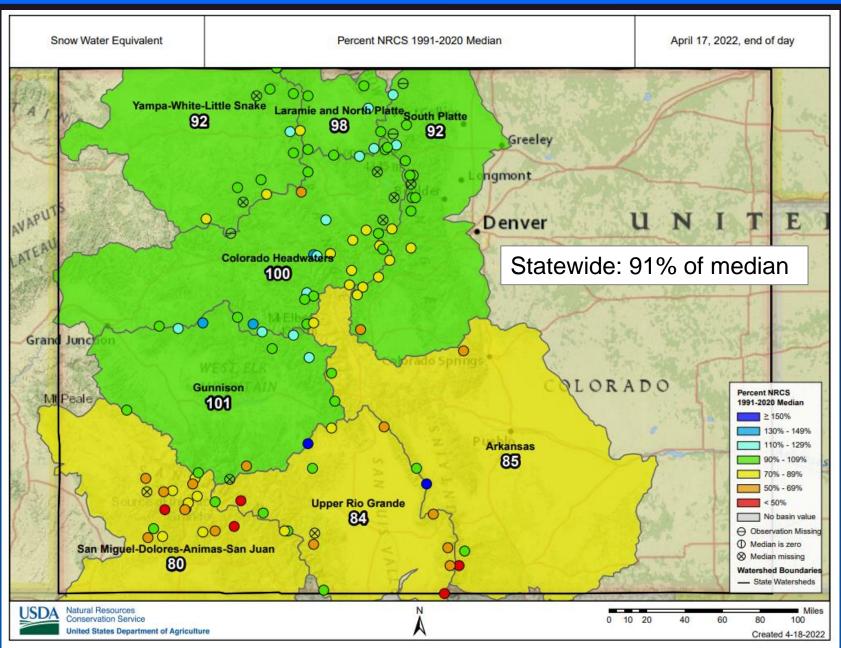


Colorado Statewide Summary

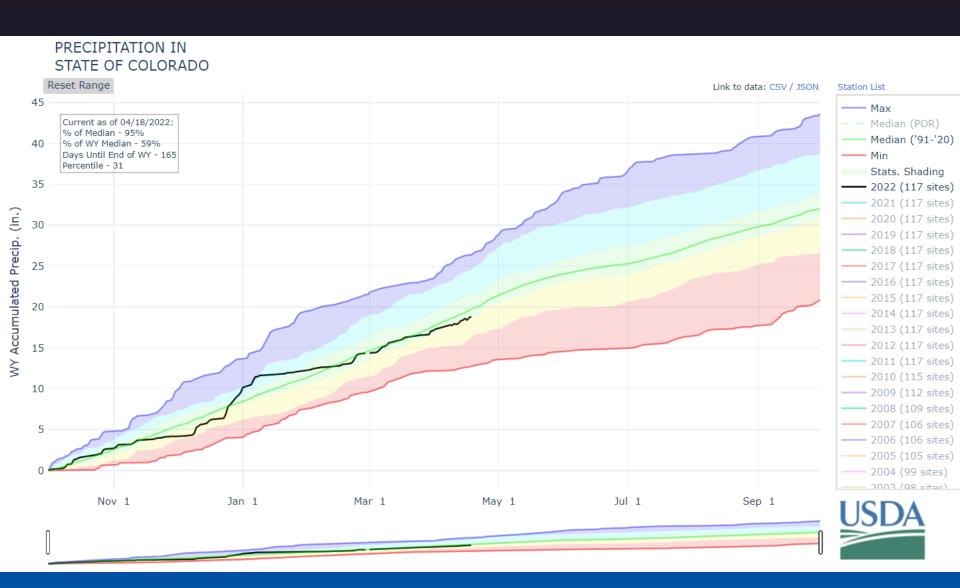


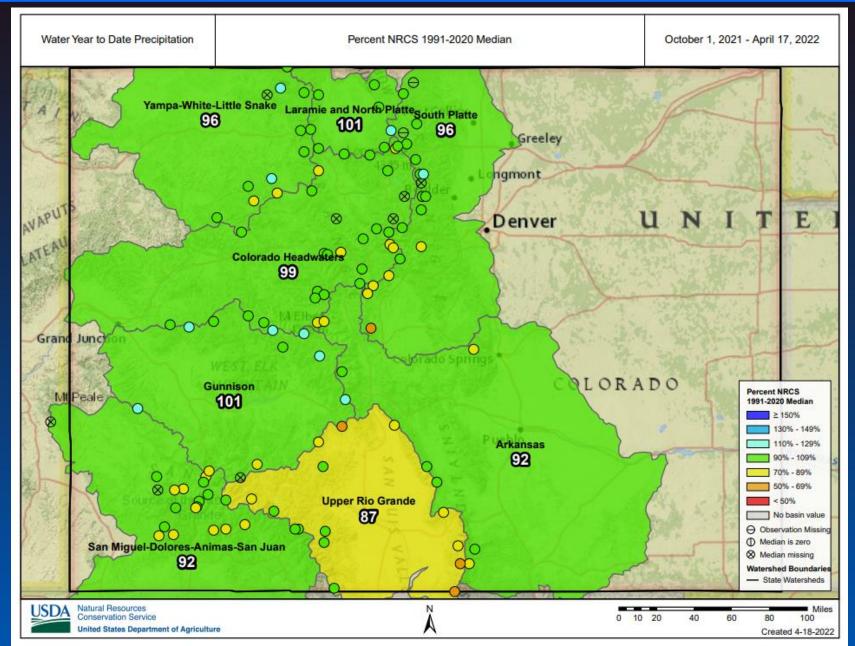


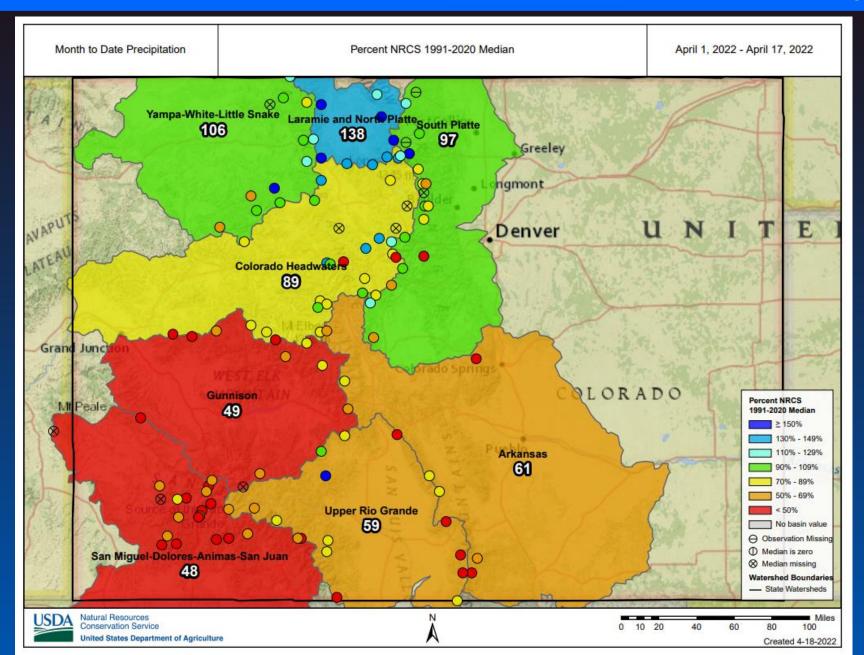


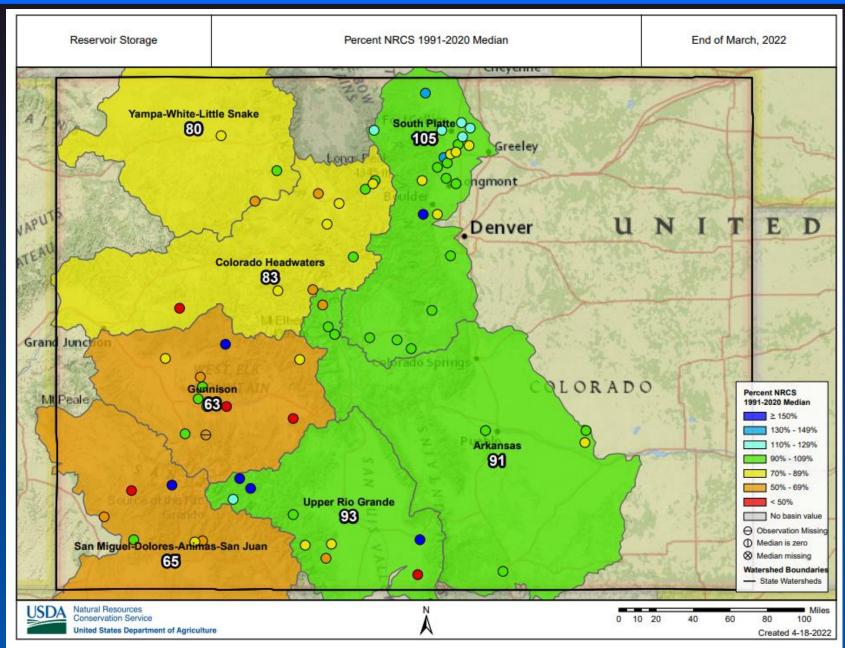


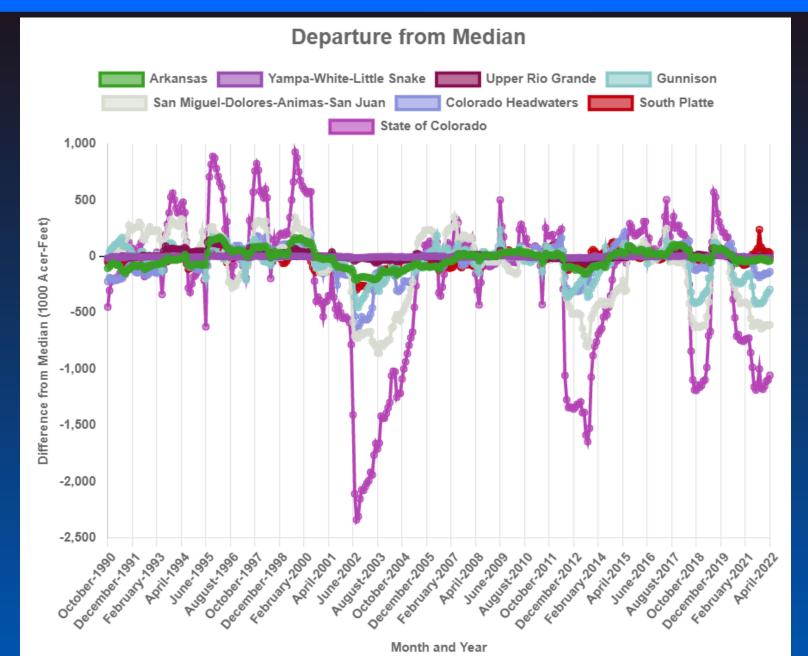


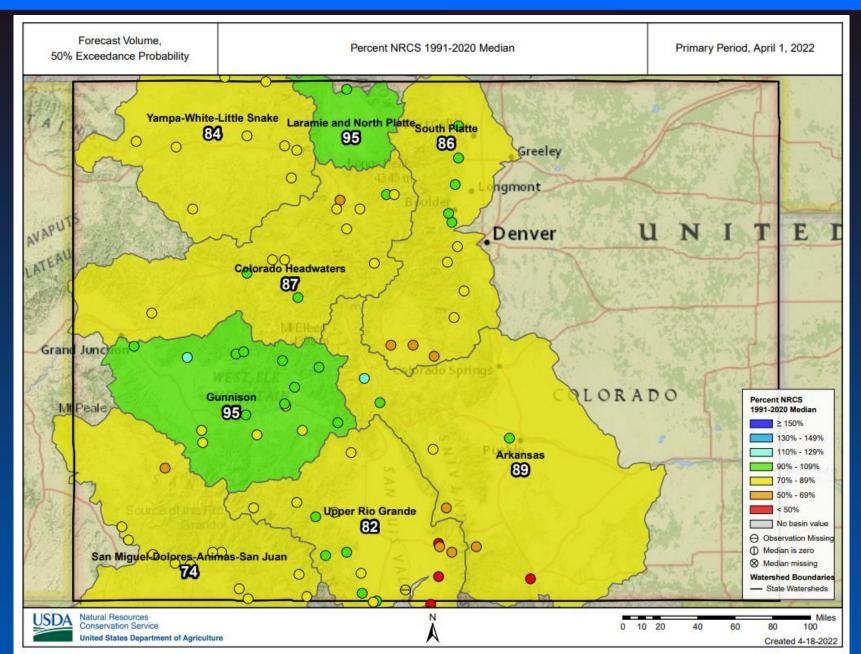






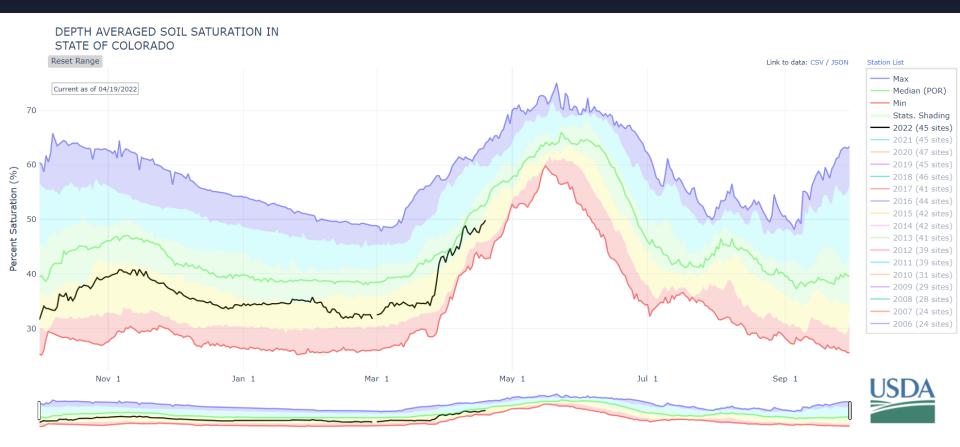








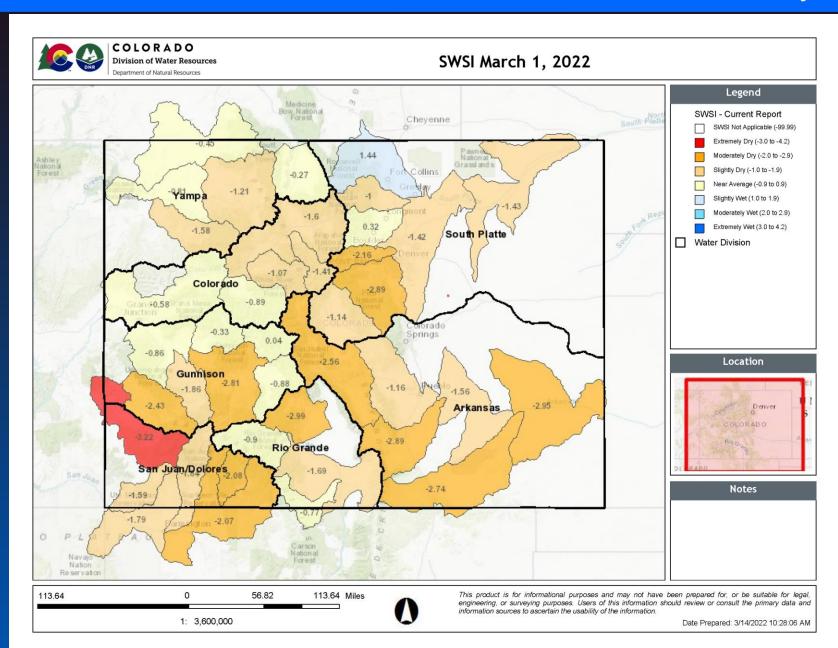
SNOTEL Soil Moisture

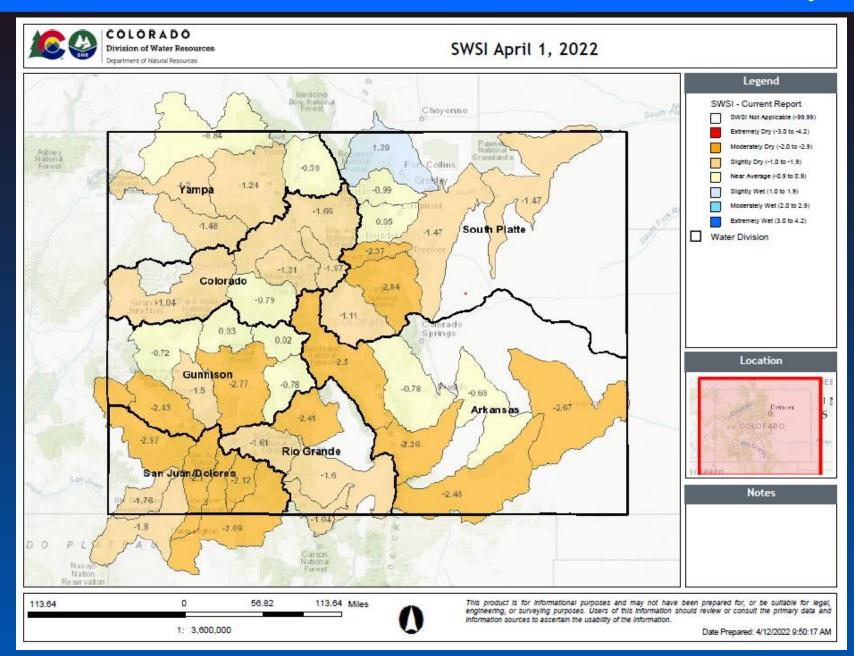


Statistical shading breaks at 10th, 30th, 50th, 70th, and 90th Percentiles For more information visit: 30-Year Hydroclimatic Normals











Summary

- •Statewide snowpack peaked earlier than usual near 94 percent of normal but subsequent cold spells and precipitation have slowed the melt rate in many areas.
 - In basins where snowpack has maintained near peak values intermittent pulses of melt indicate the snowpack is "ripe" for more sustained melt with warmer temperatures.
- •April precipitation has favored central and northern Colorado more than the basins of southern Colorado.
- •The South Platte is the only basin in the state with above normal reservoir storage. Storage in the Gunnison and combined San Miguel, Dolores, Animas, and San Juan basins are some of the lowest on record.
- •Antecedent soil moisture conditions in several basins are still in a deficit.
- •Streamflow forecasts for much of the state are expected to be below normal for the spring and summer.



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