Water Availability Task Force Meeting March 18th, 2021

NRCS Snow Survey and Water Supply Forecasting Program

Brian Domonkos

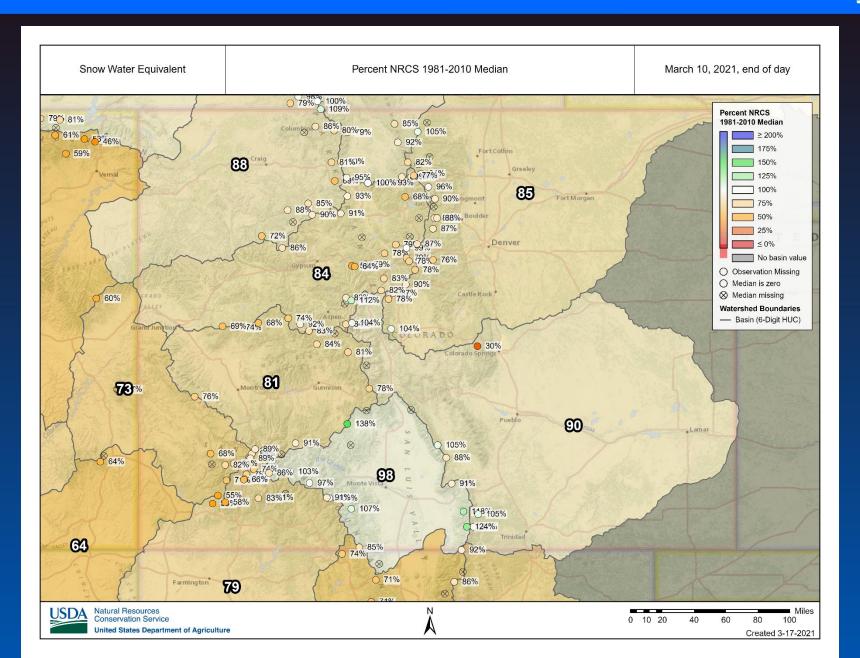
Hydrologist

Asst. Snow Survey Supervisor

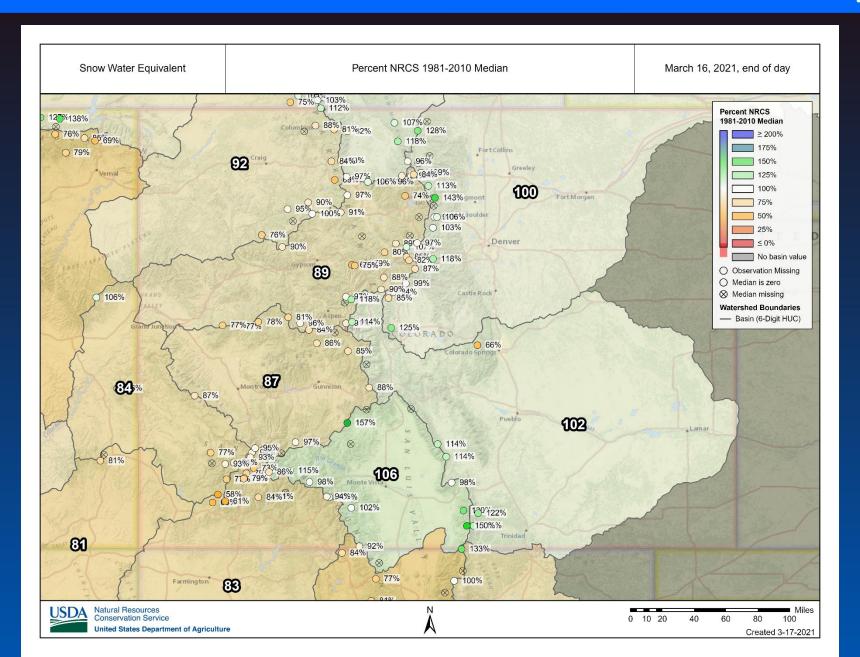
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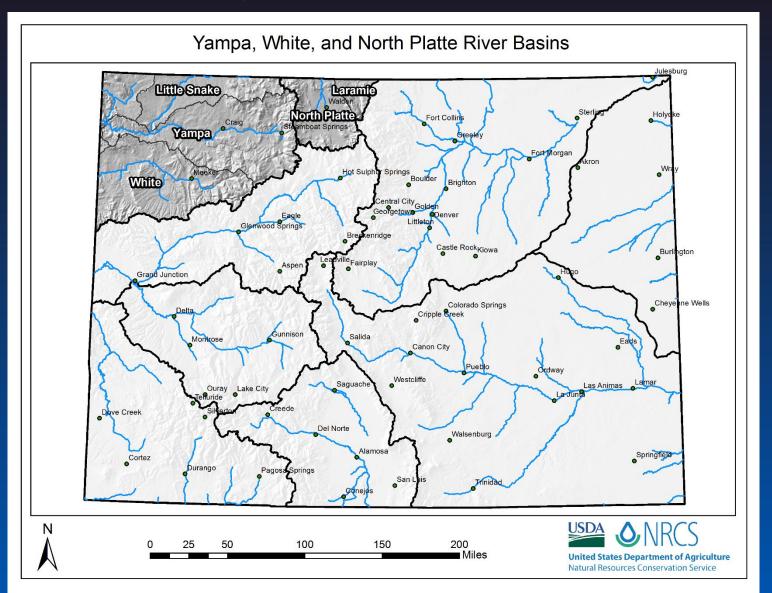






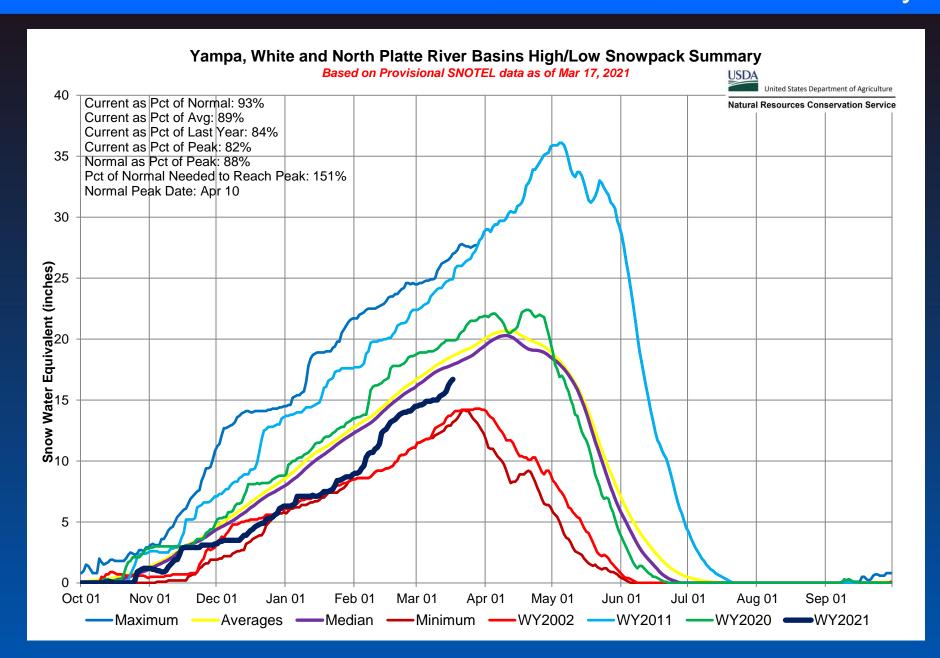






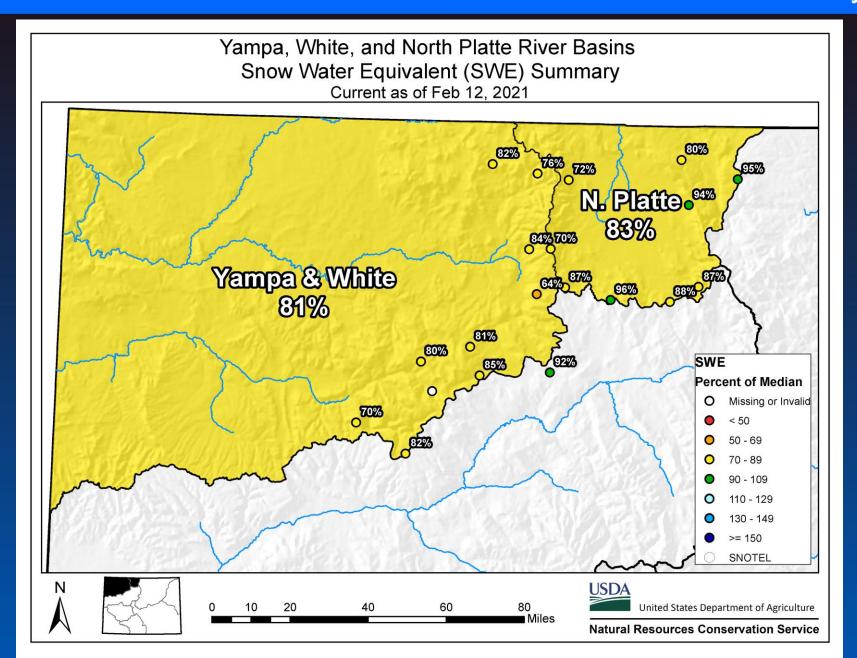




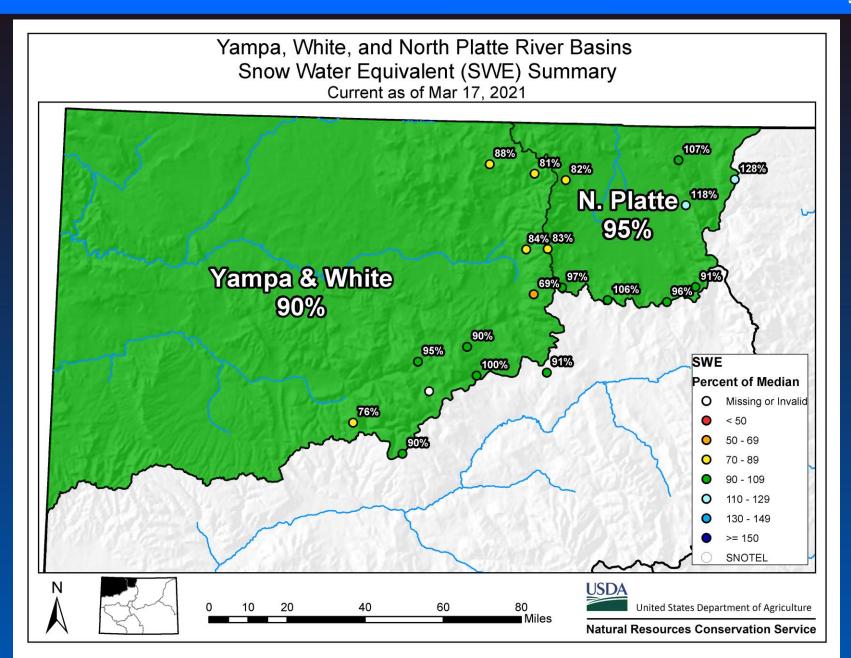


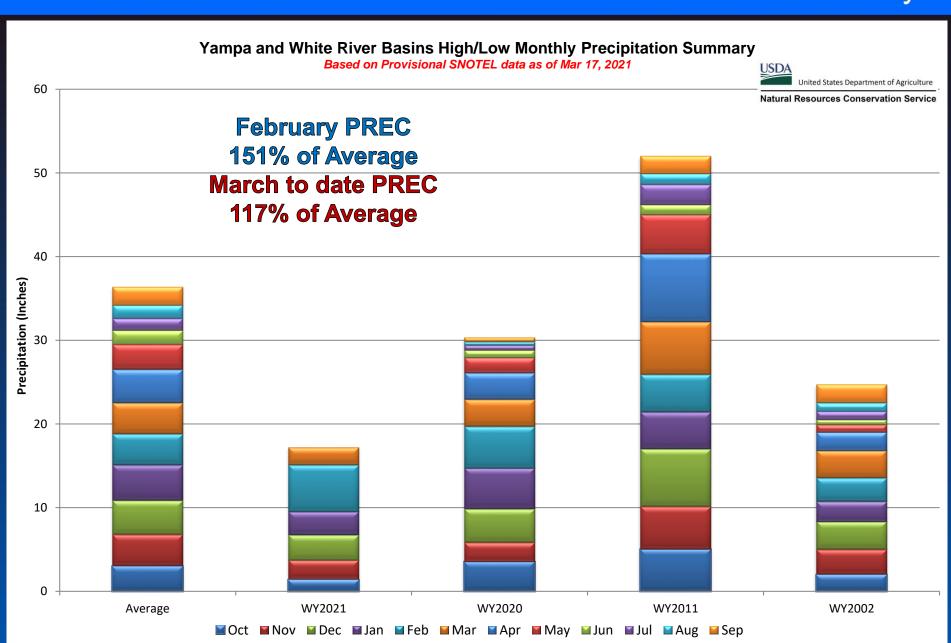




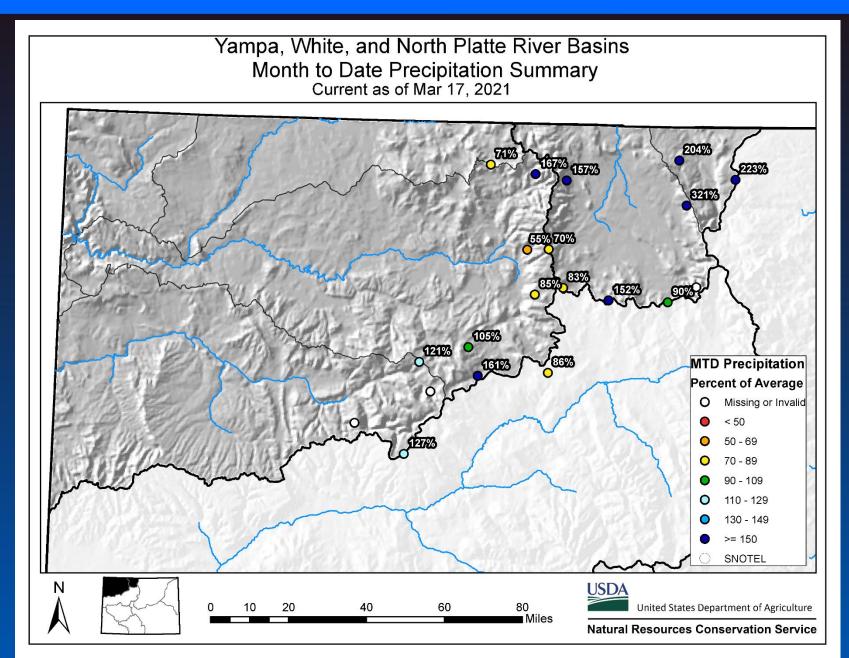




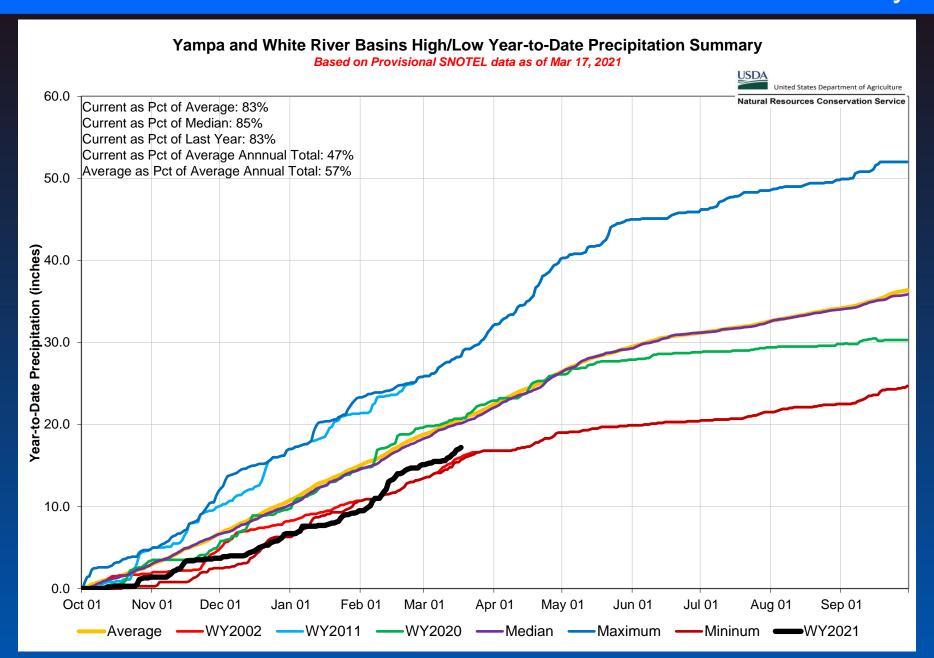




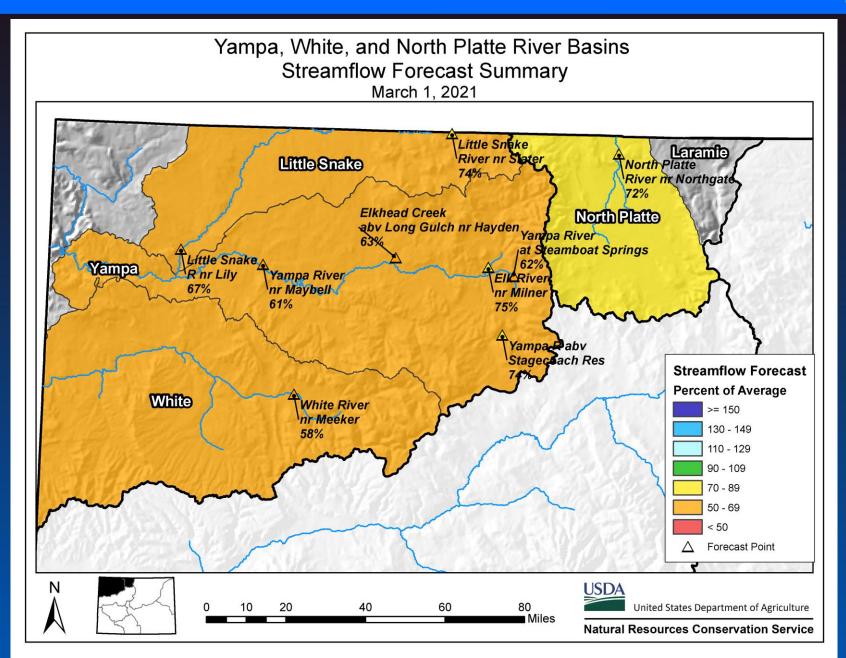




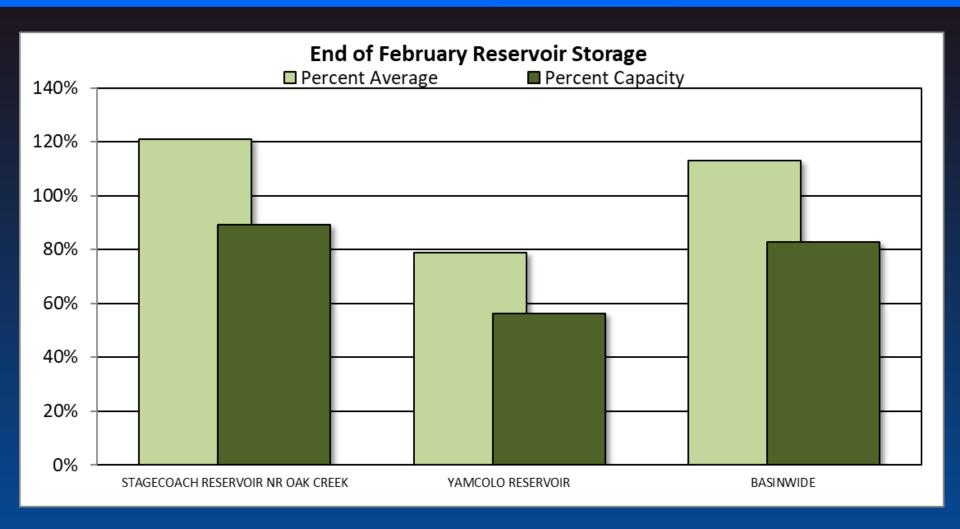




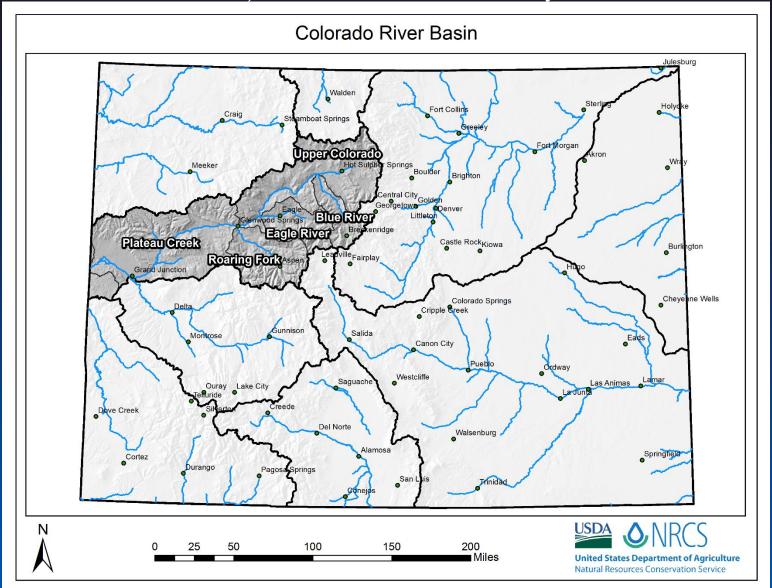




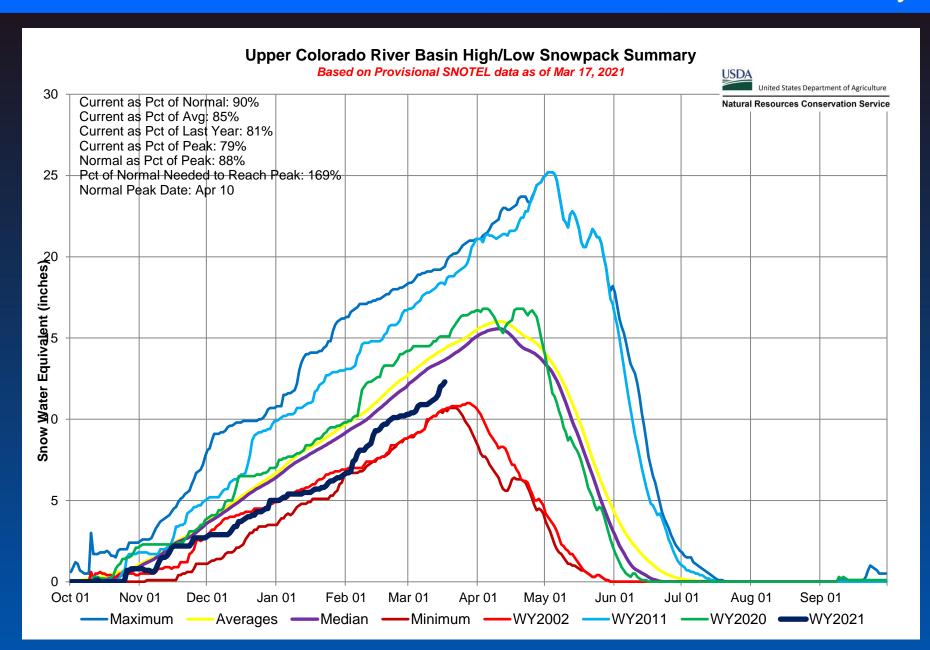






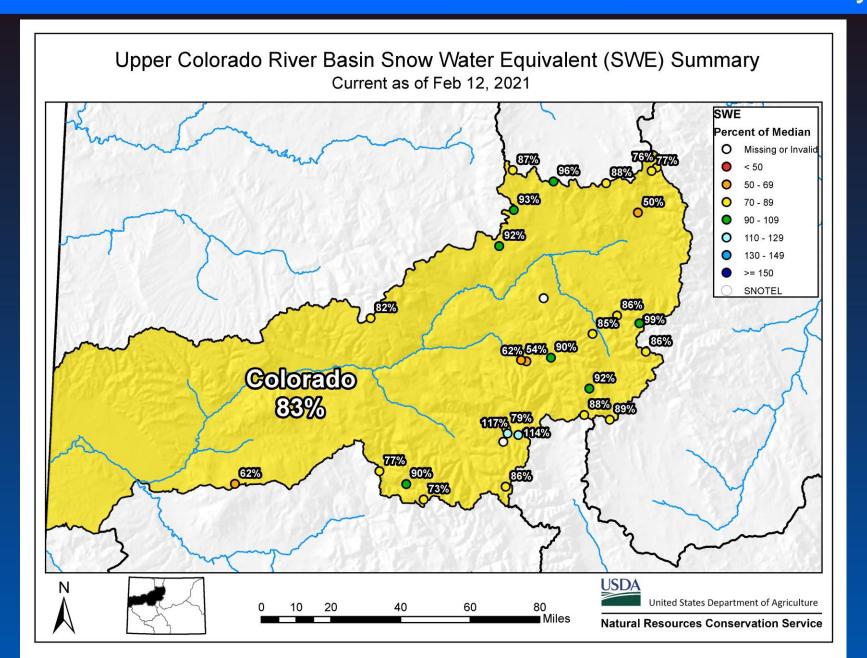






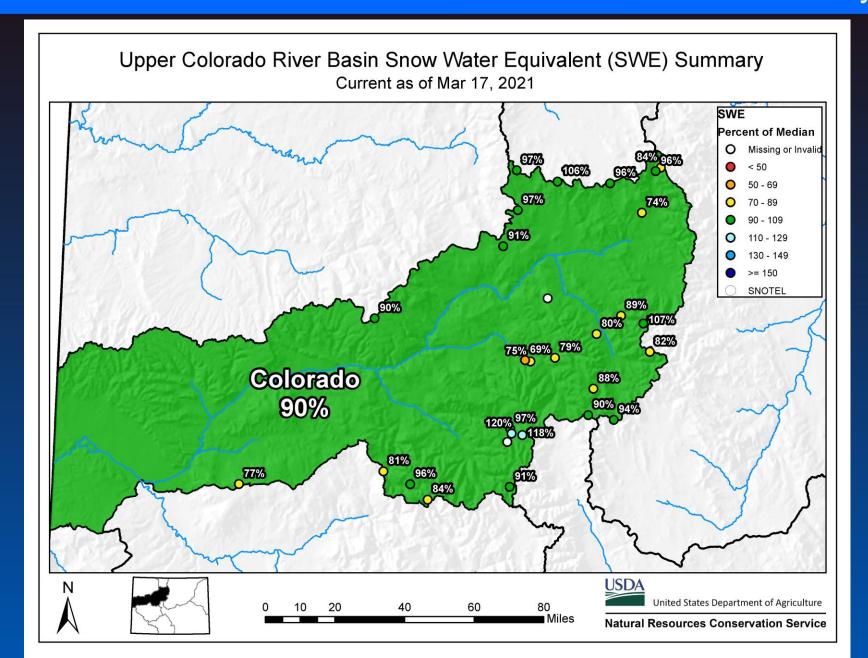


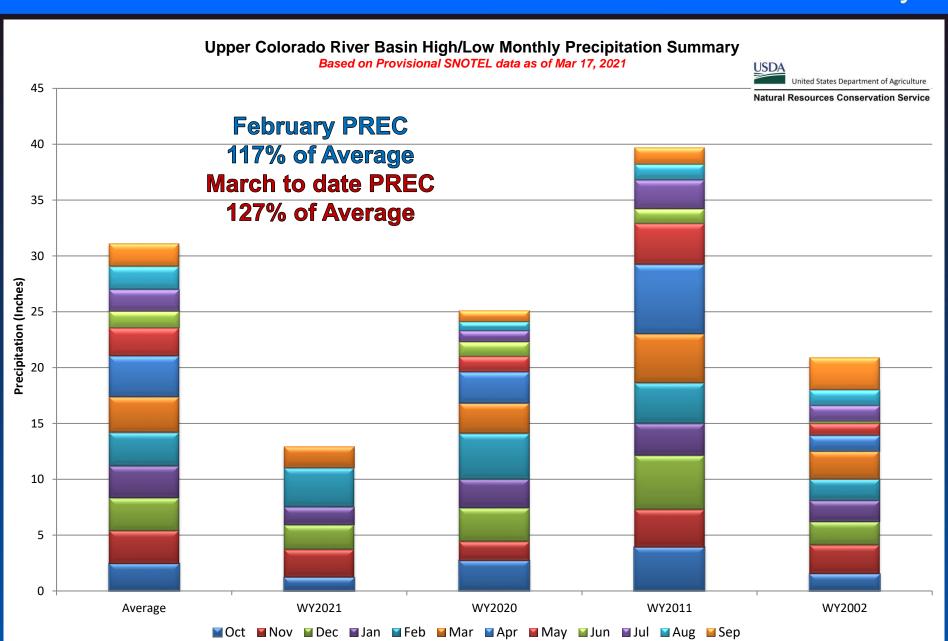






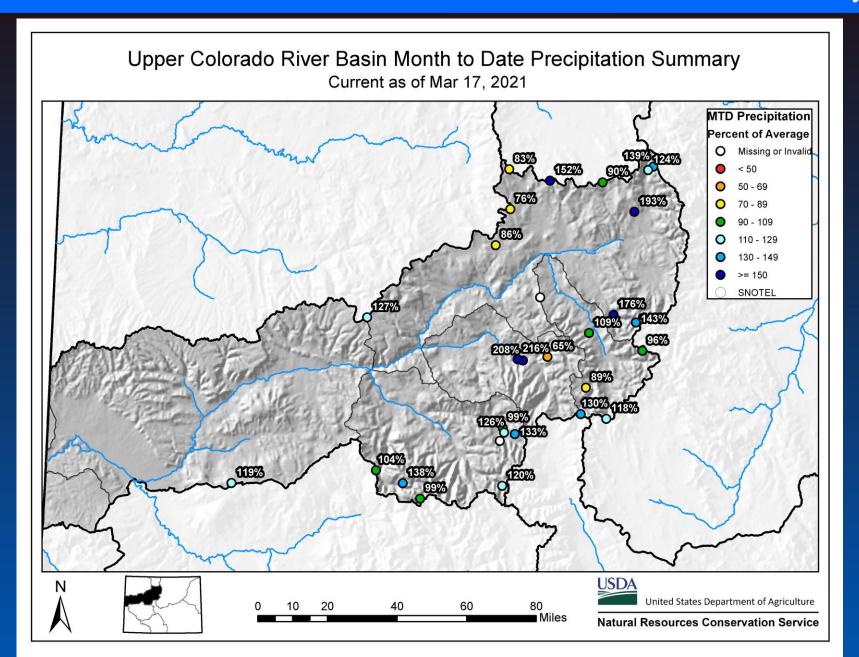




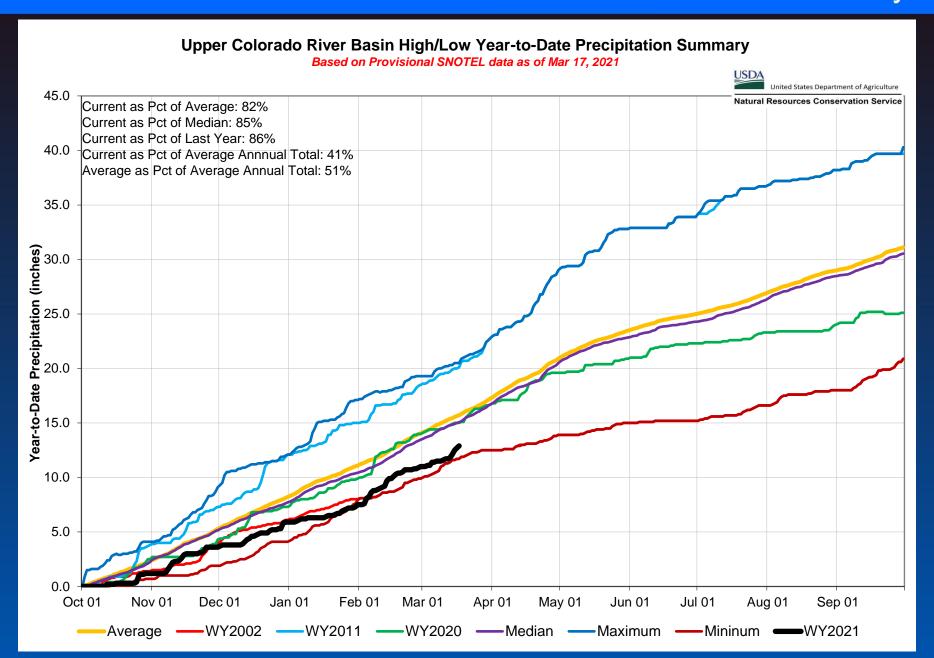






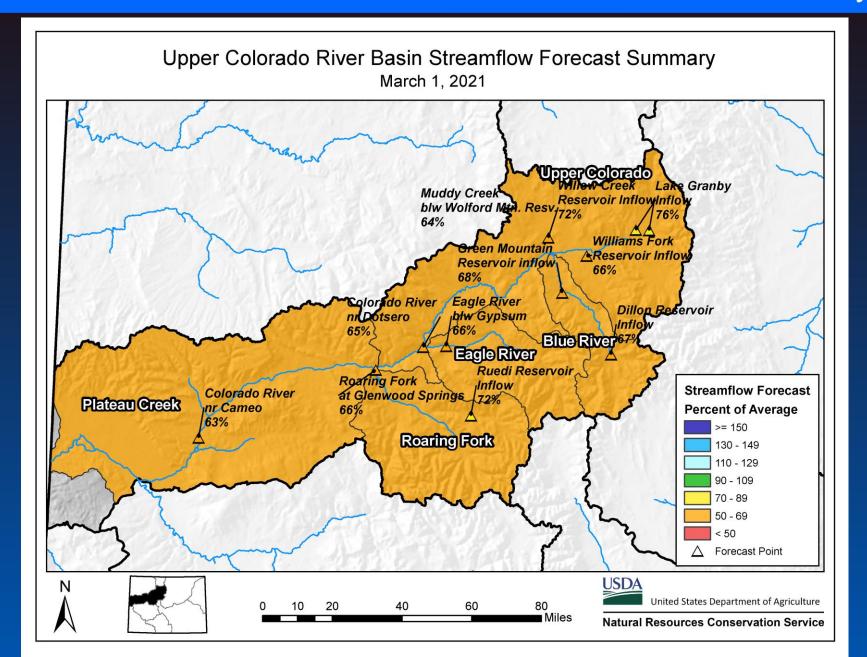






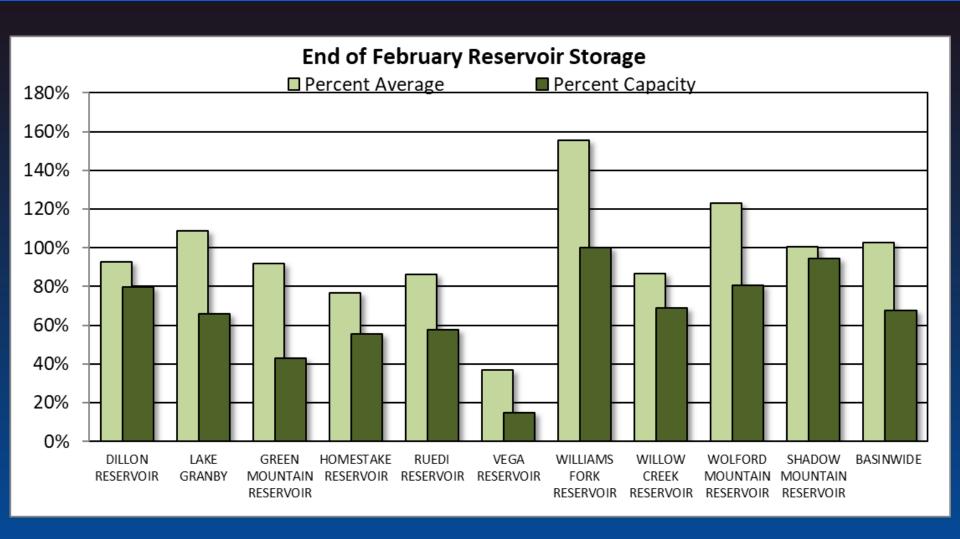








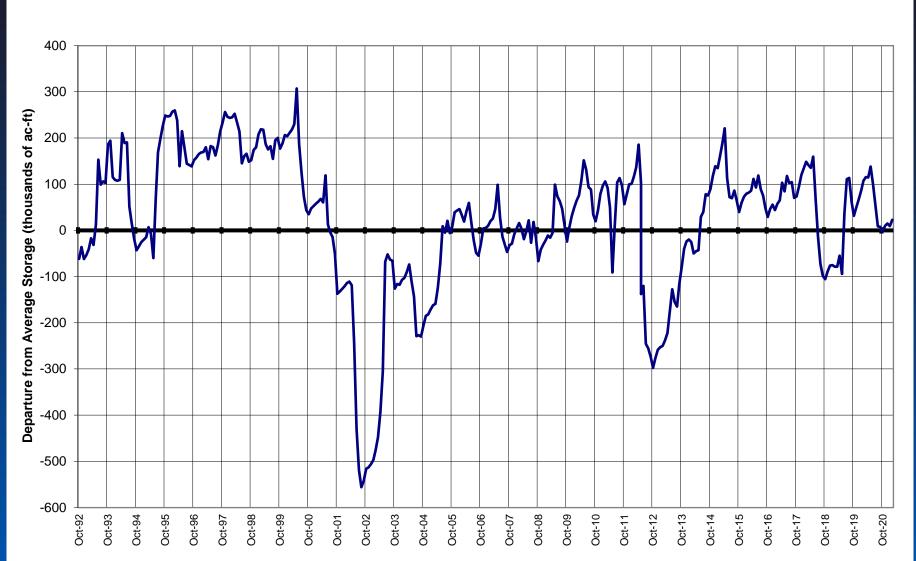




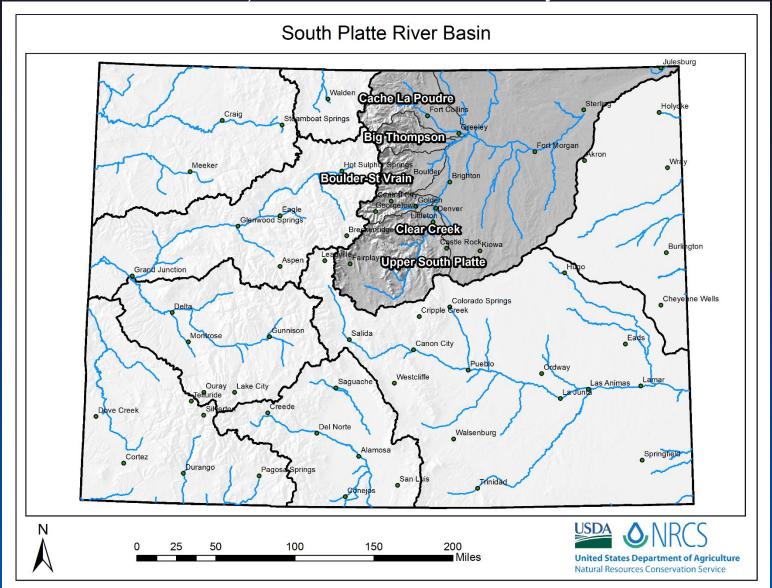






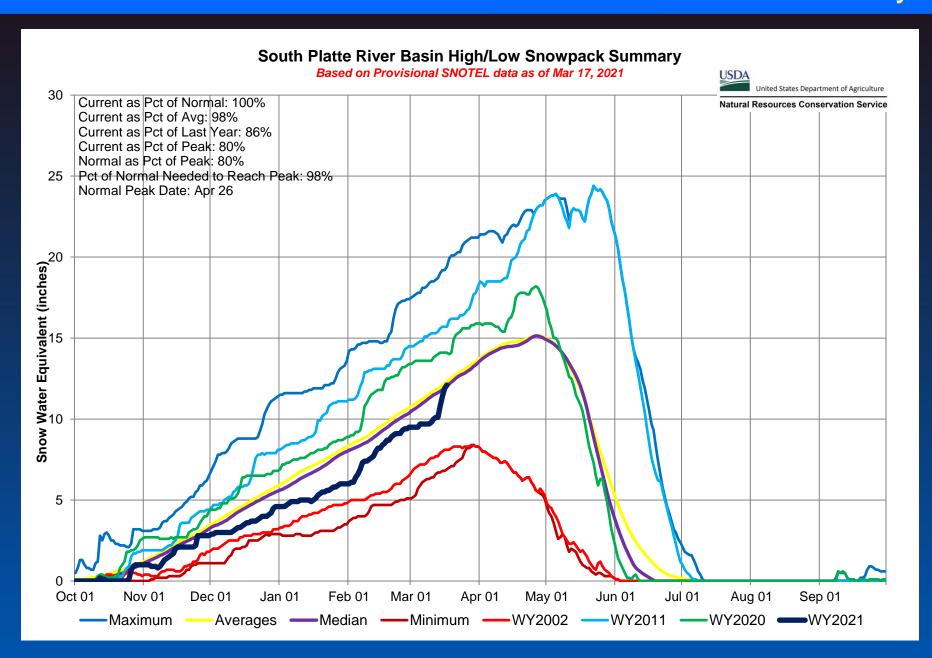






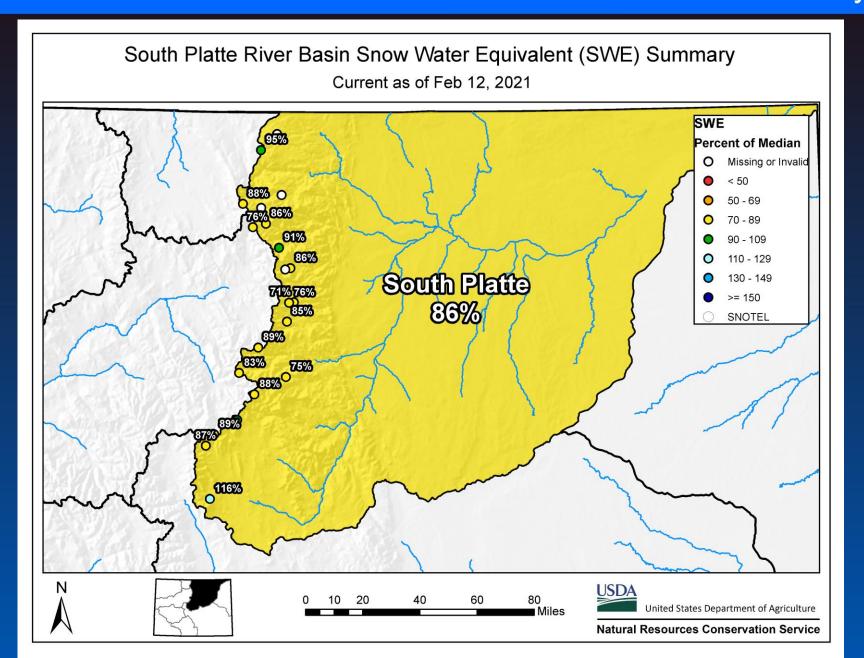






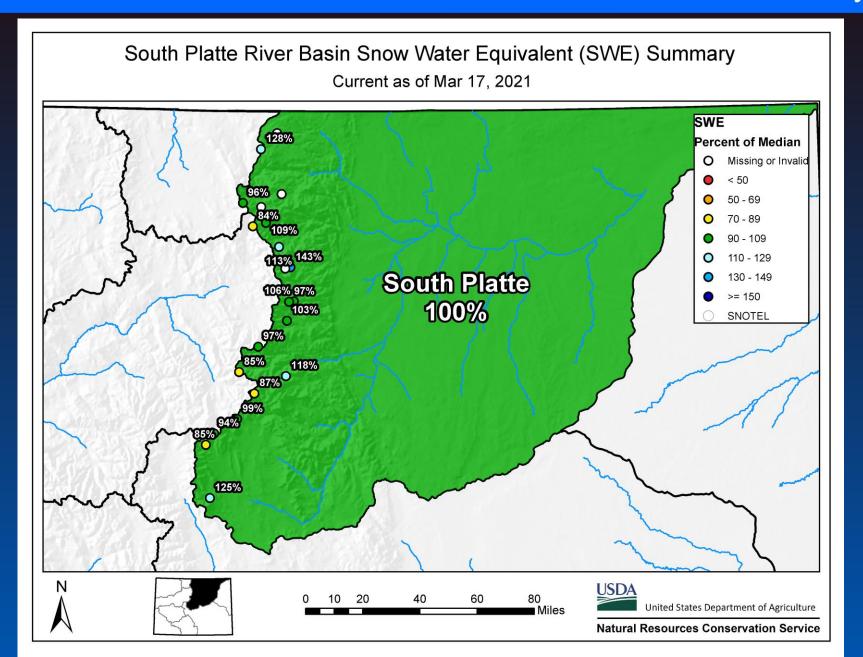


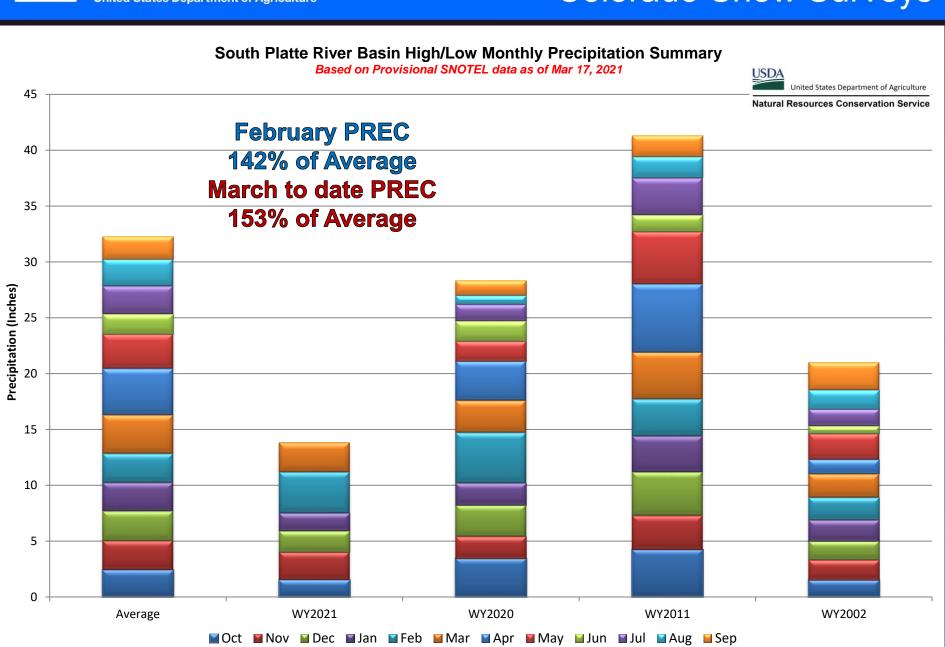






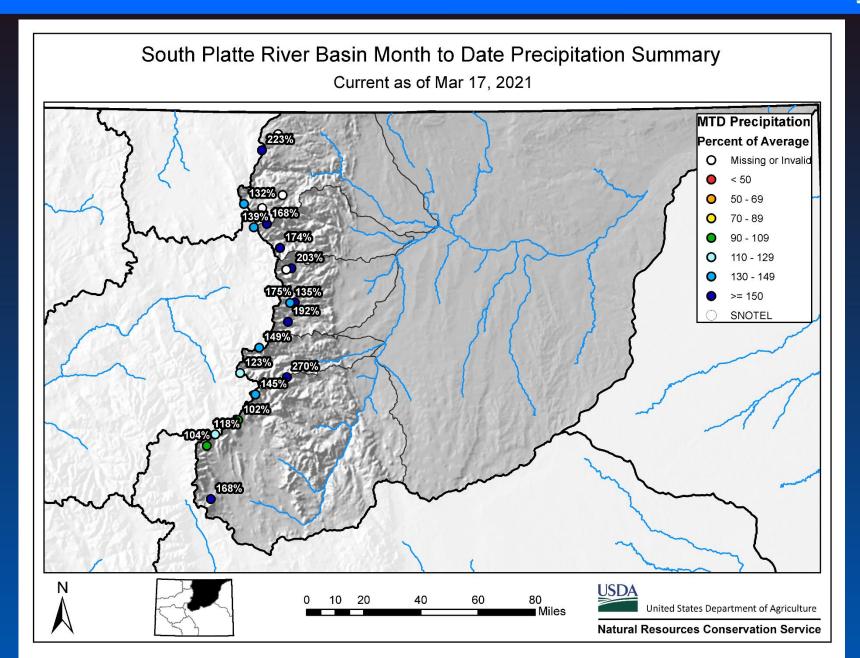




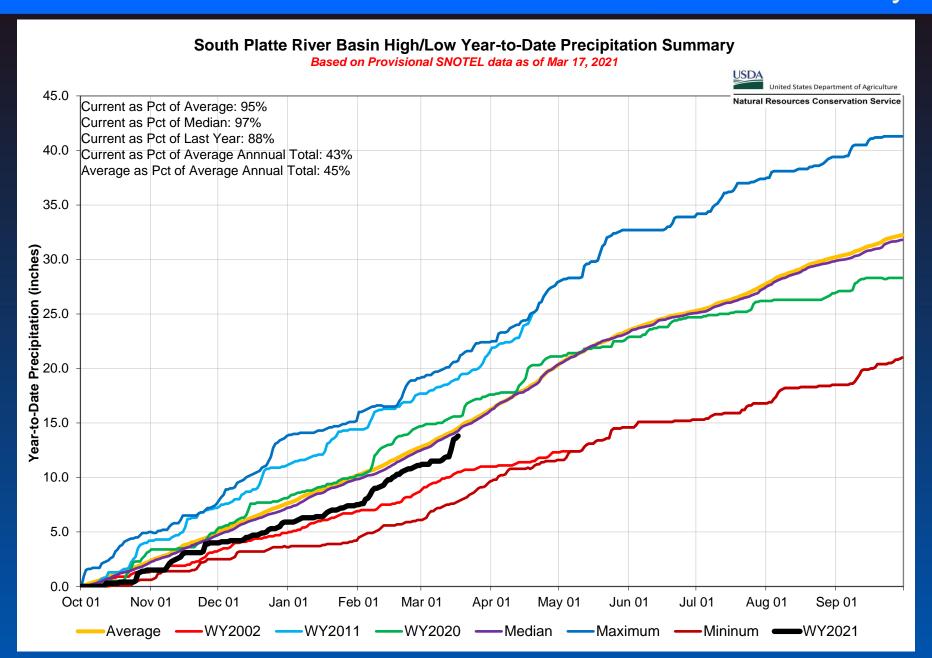






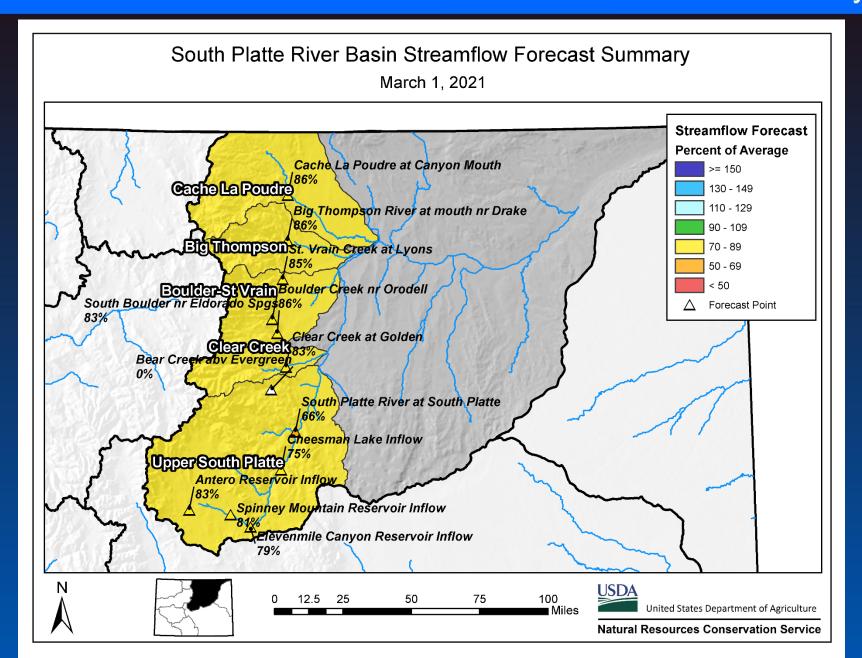






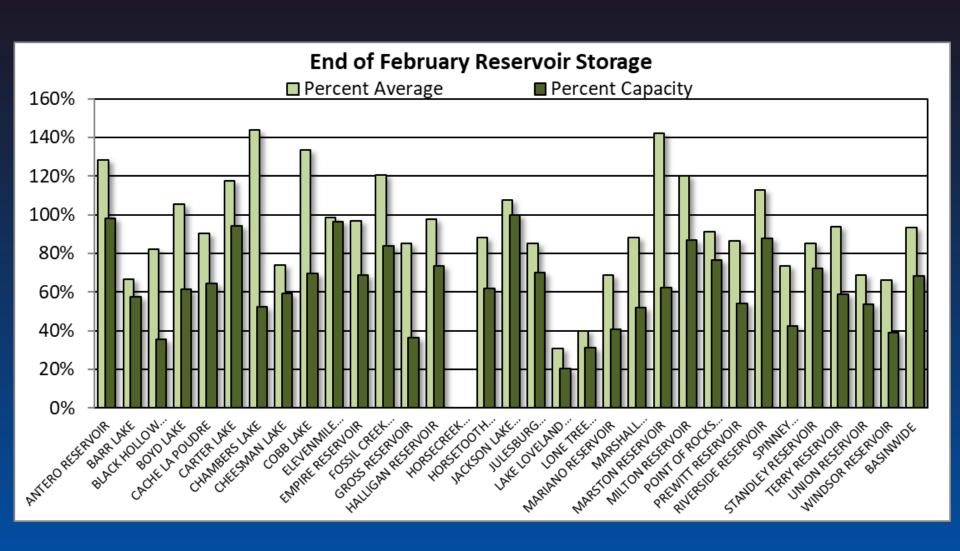








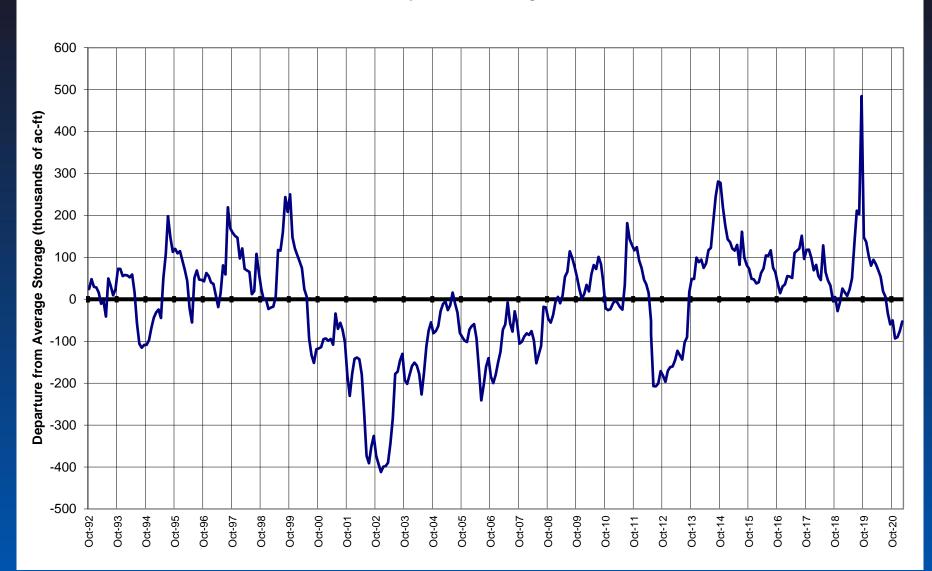




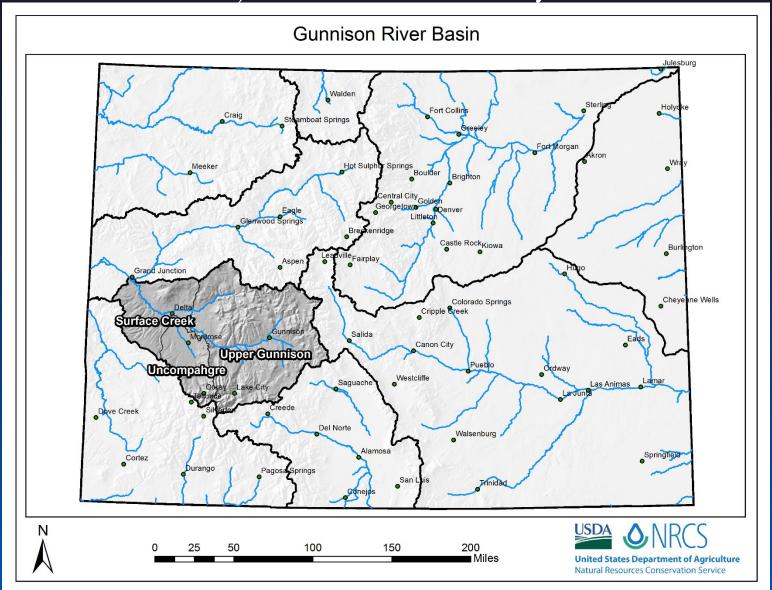






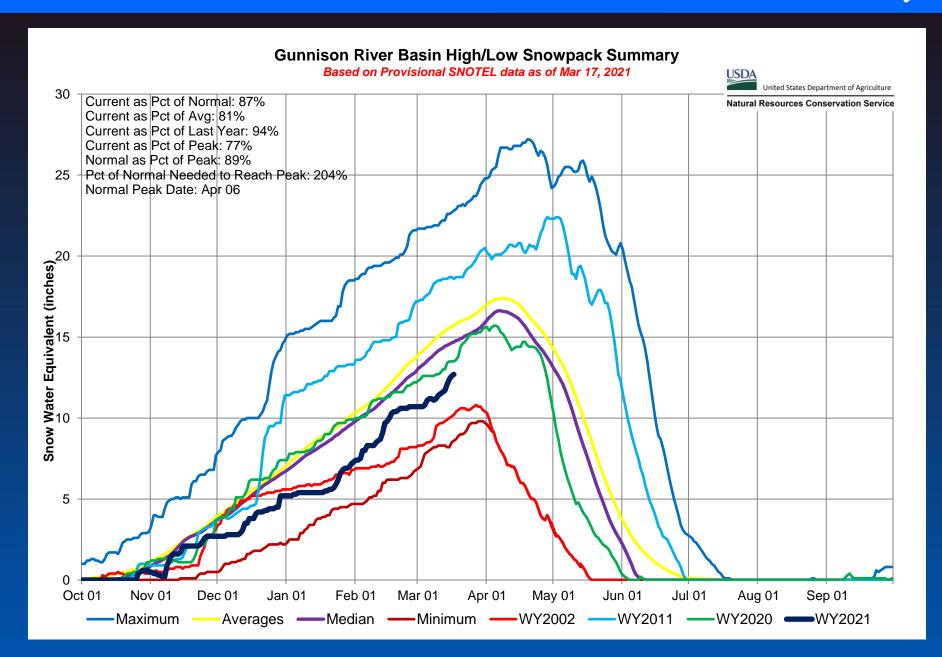






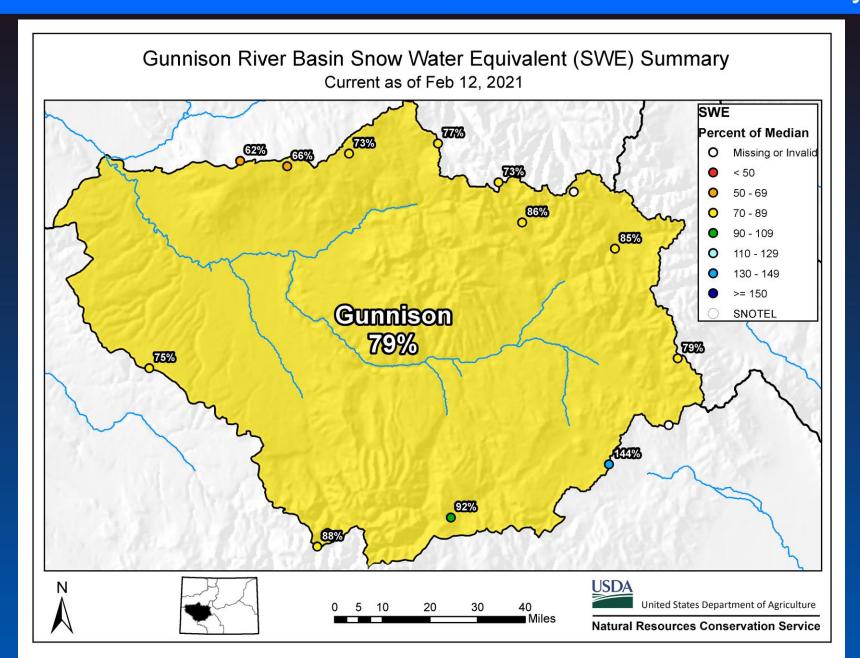






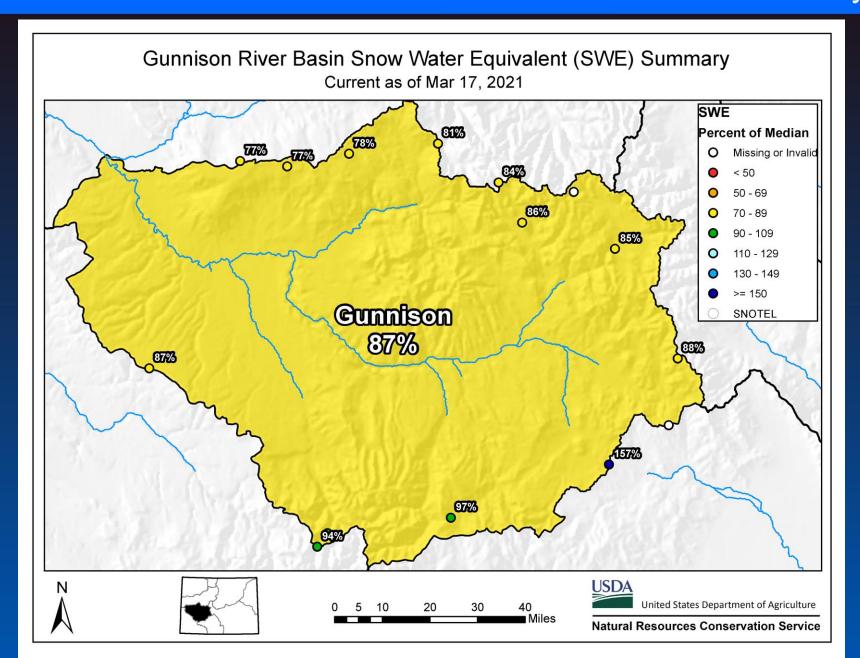


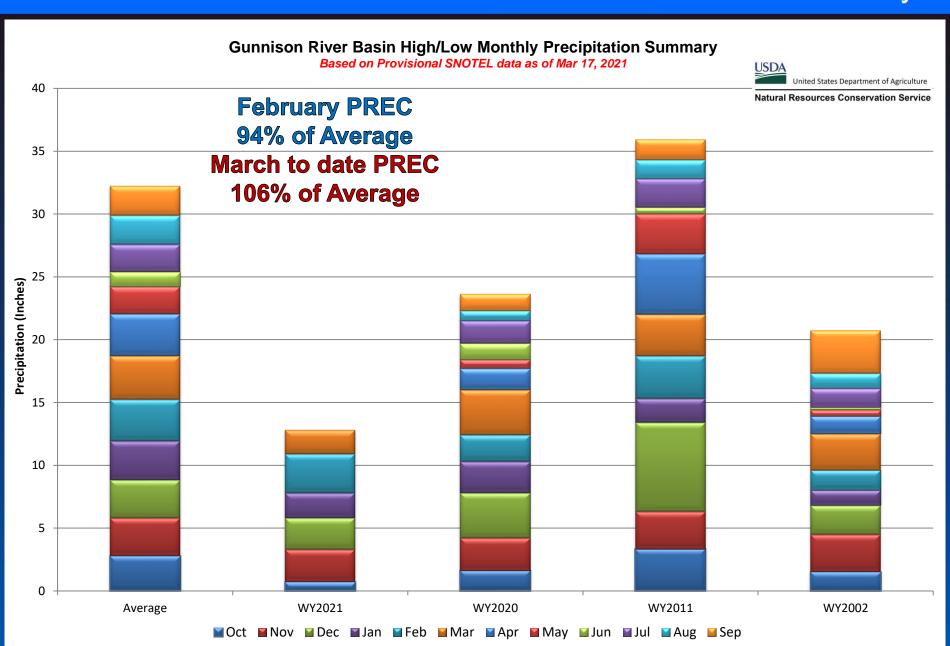






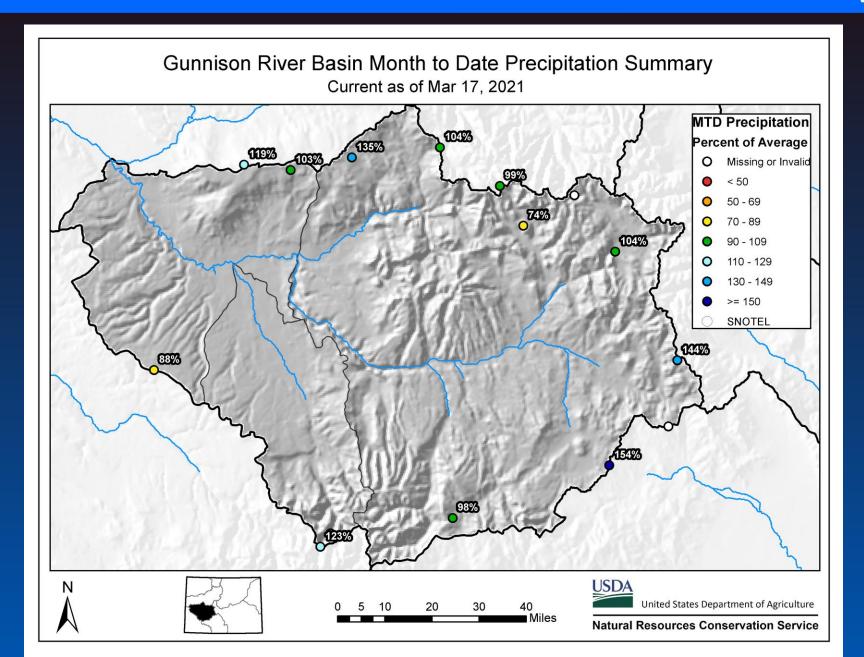




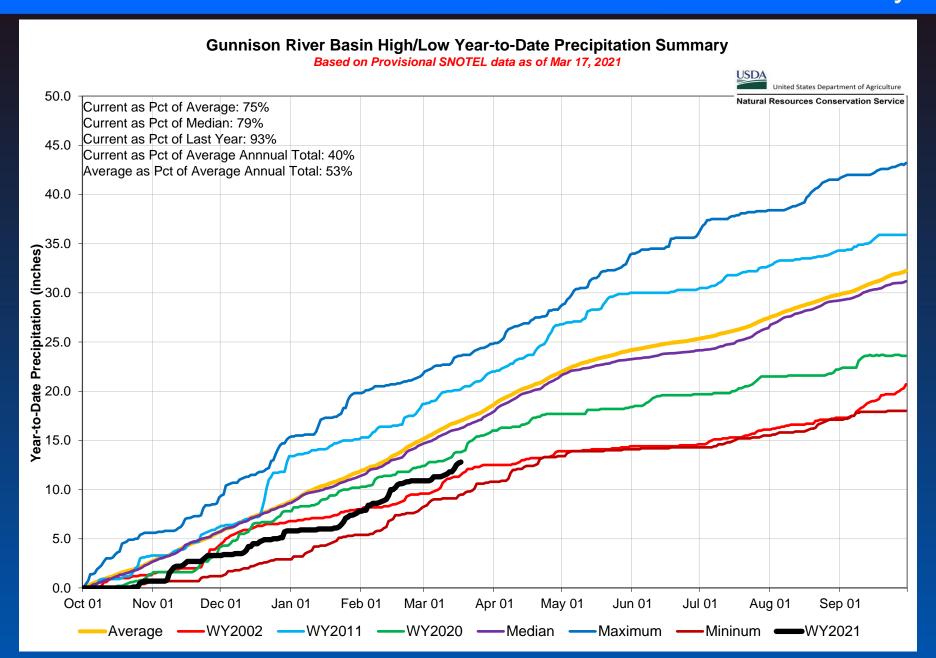






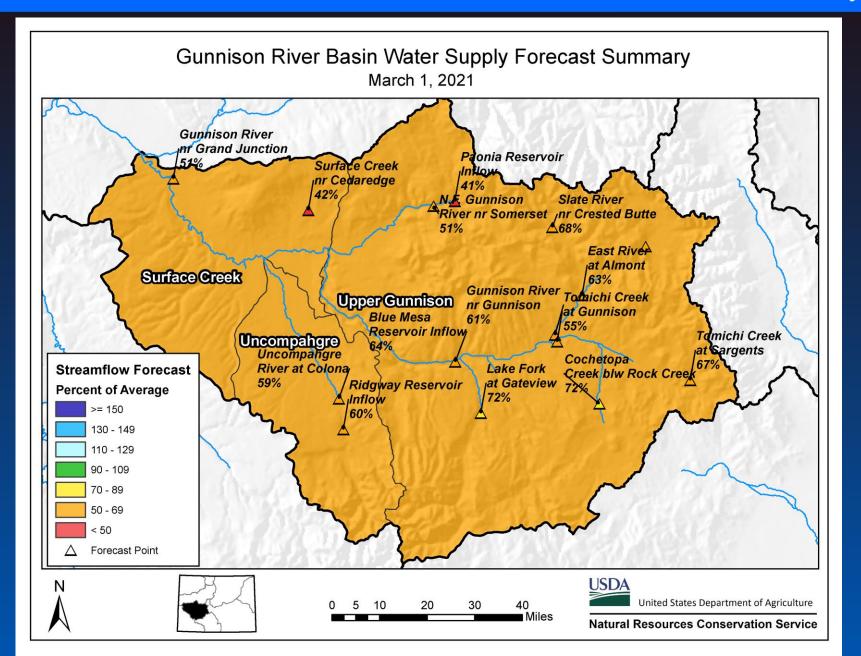






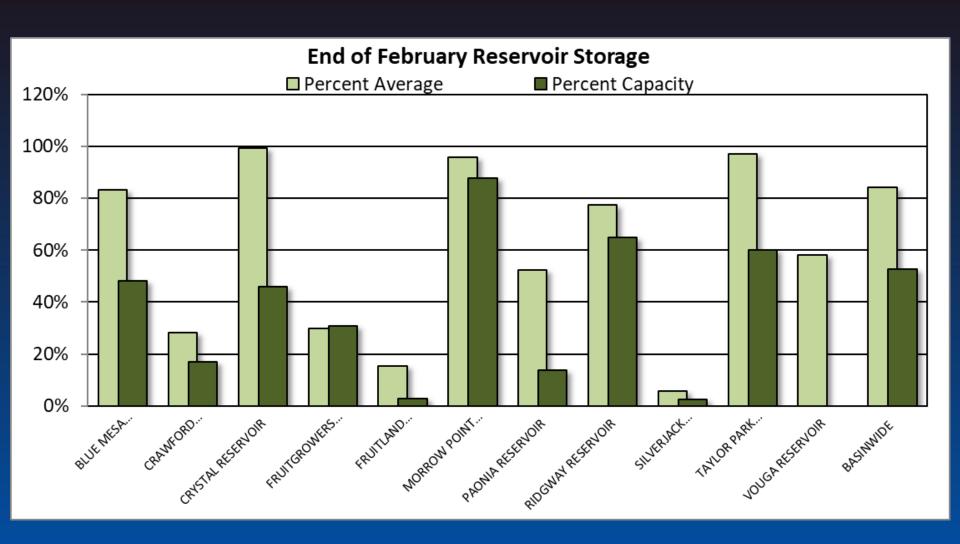








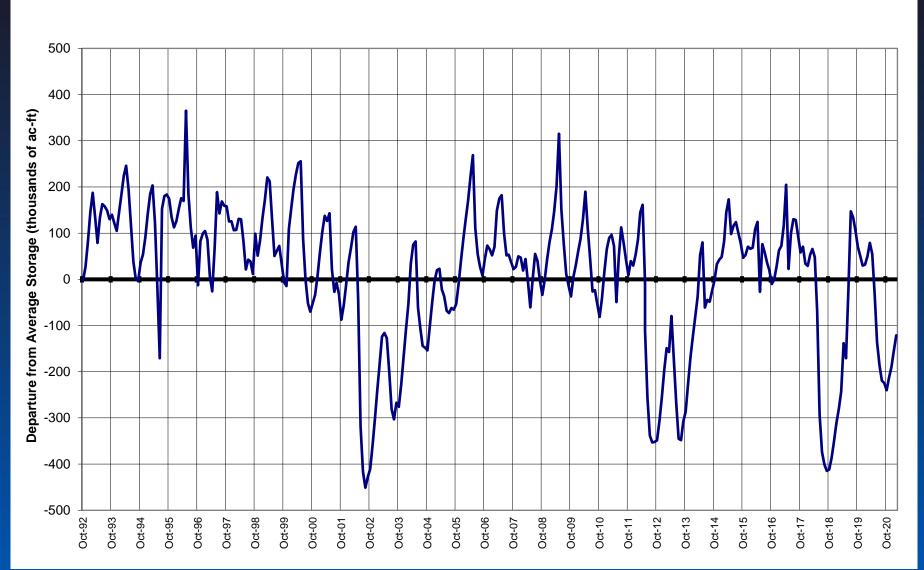








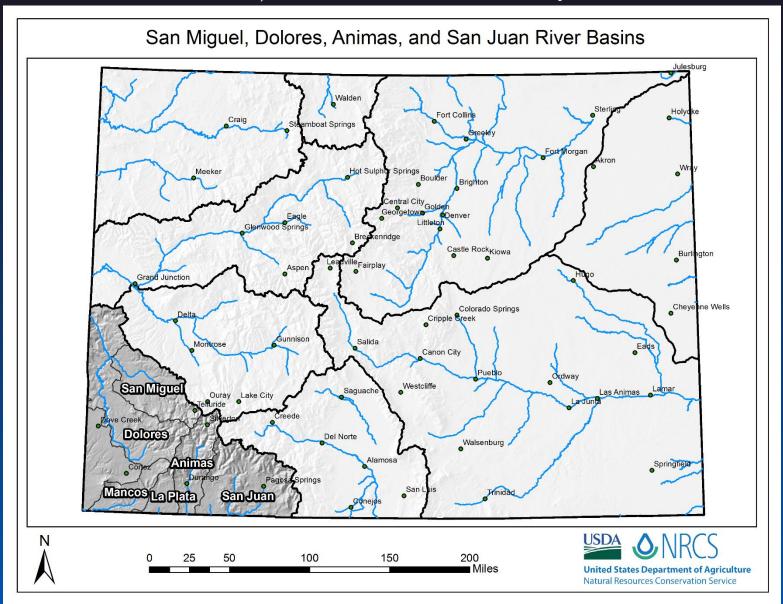






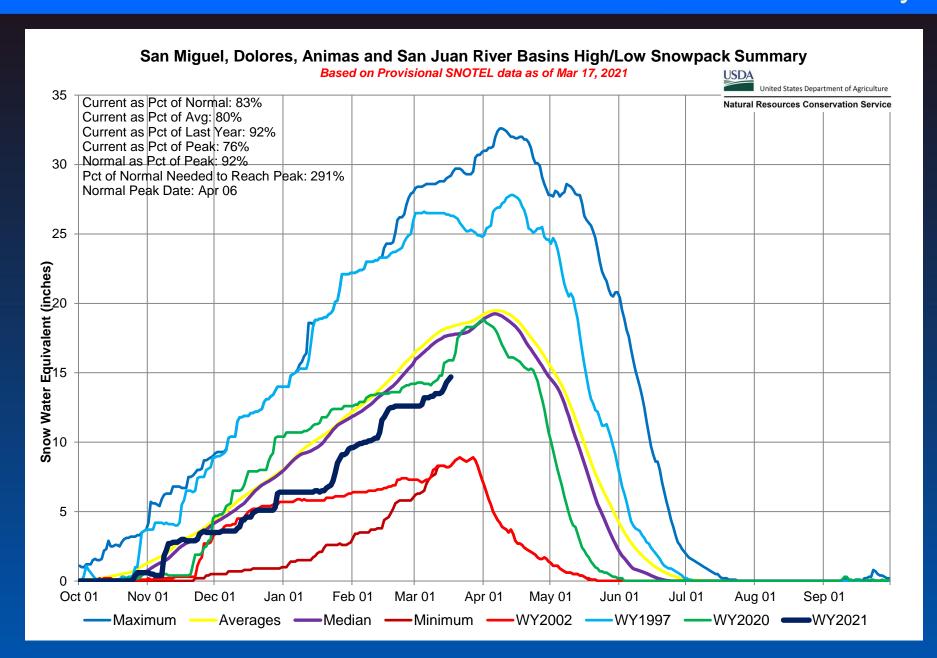


Major Basin Summary



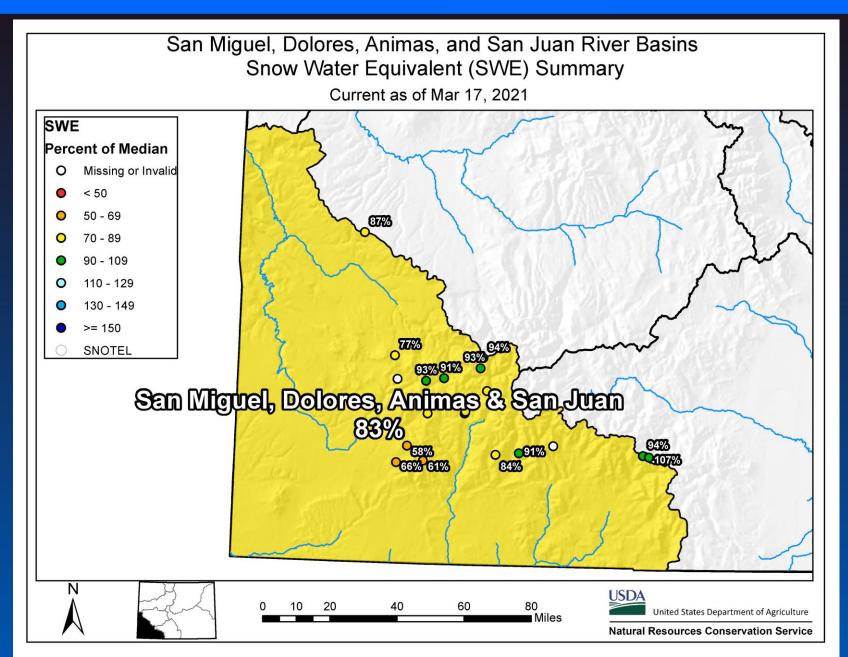




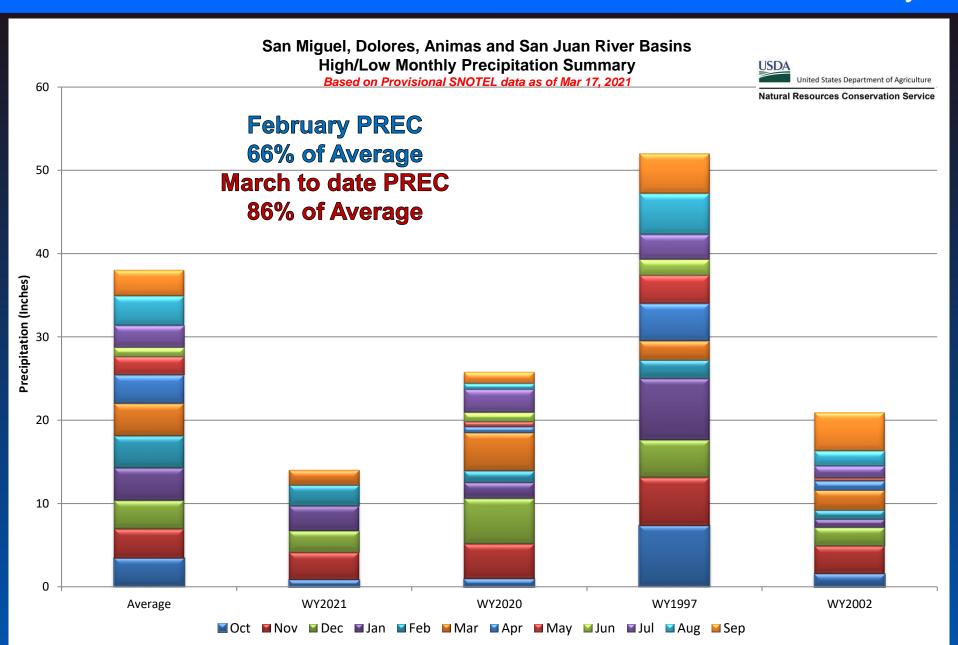






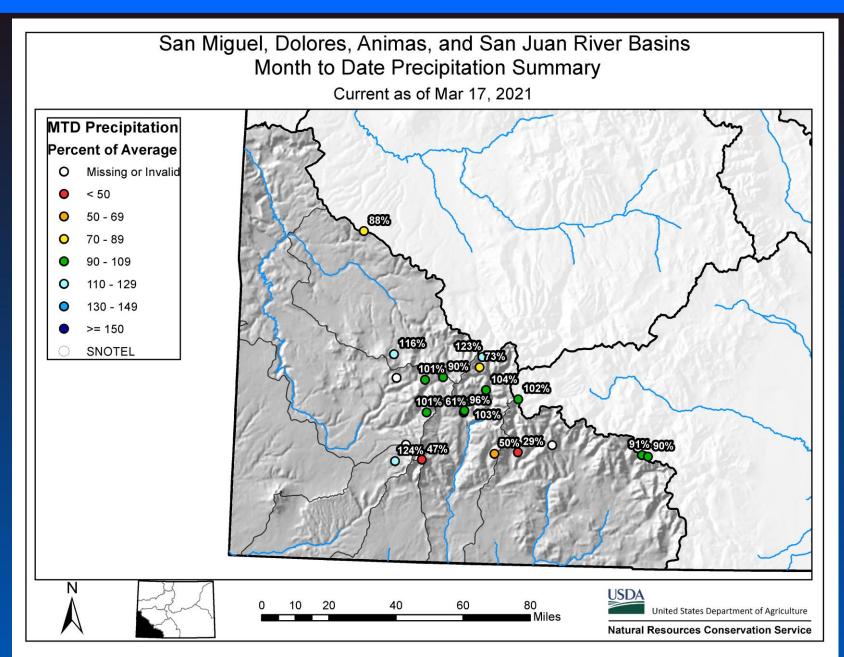




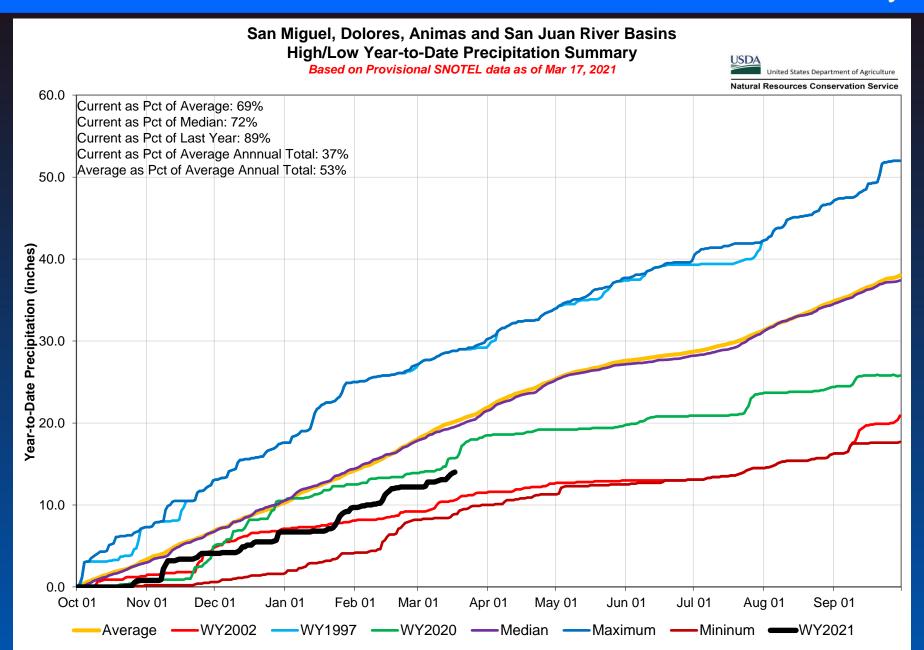






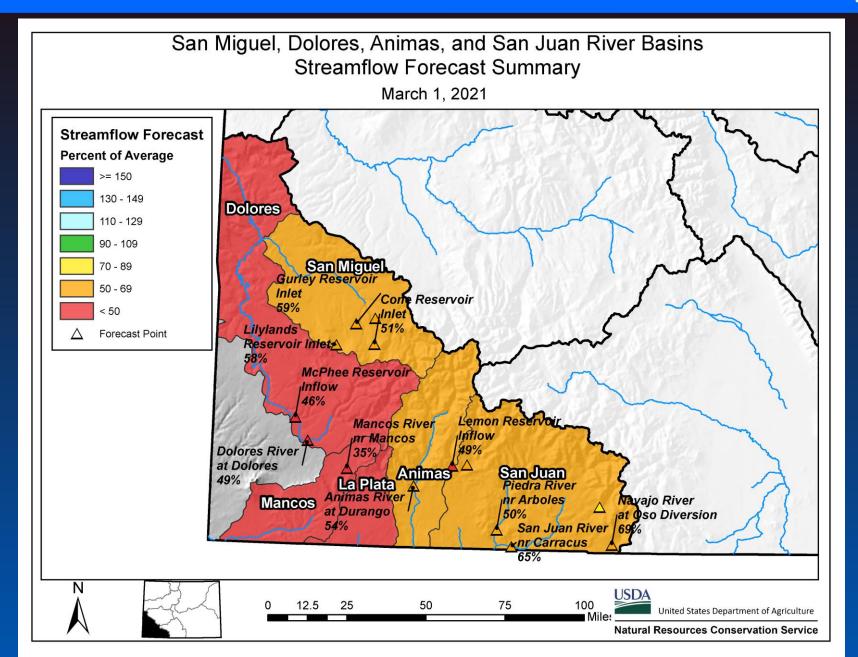






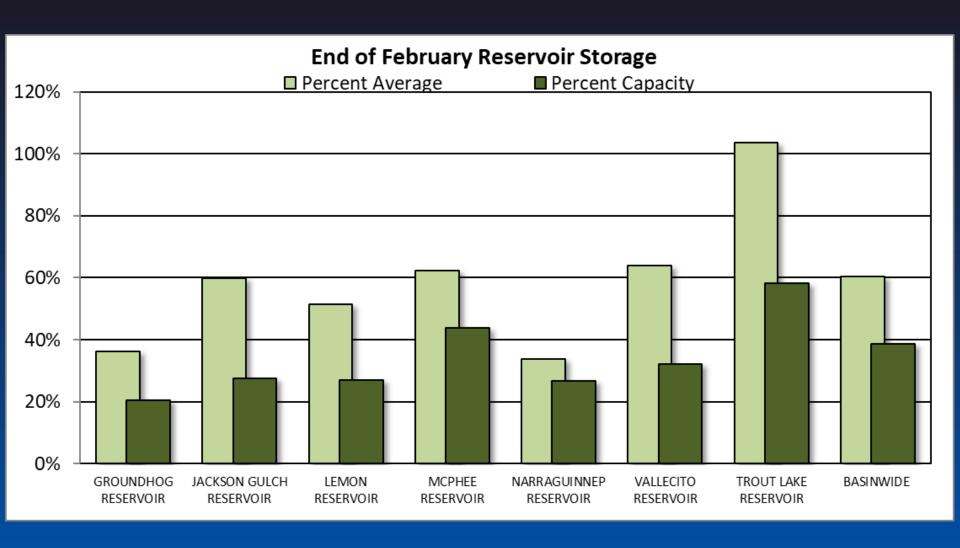








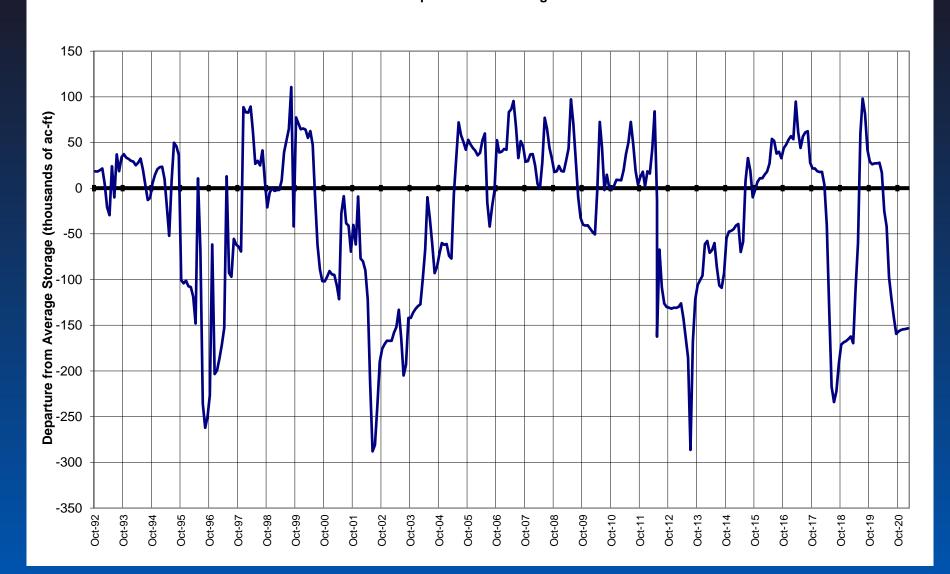








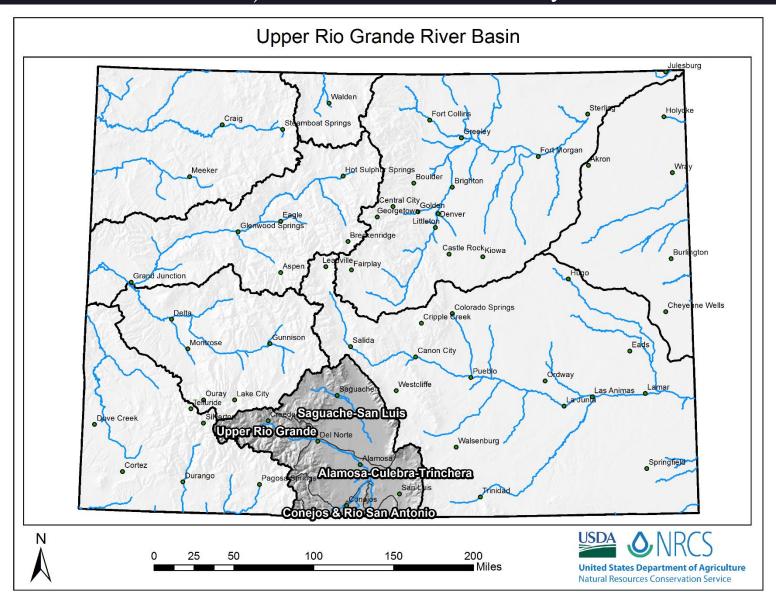
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS Reservoir Storage Departure from Average



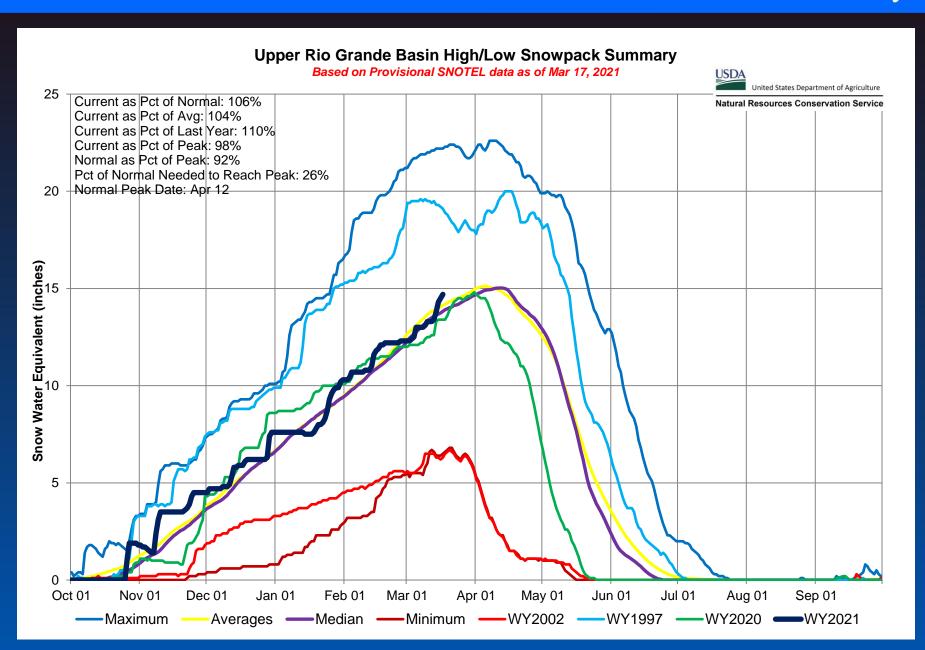




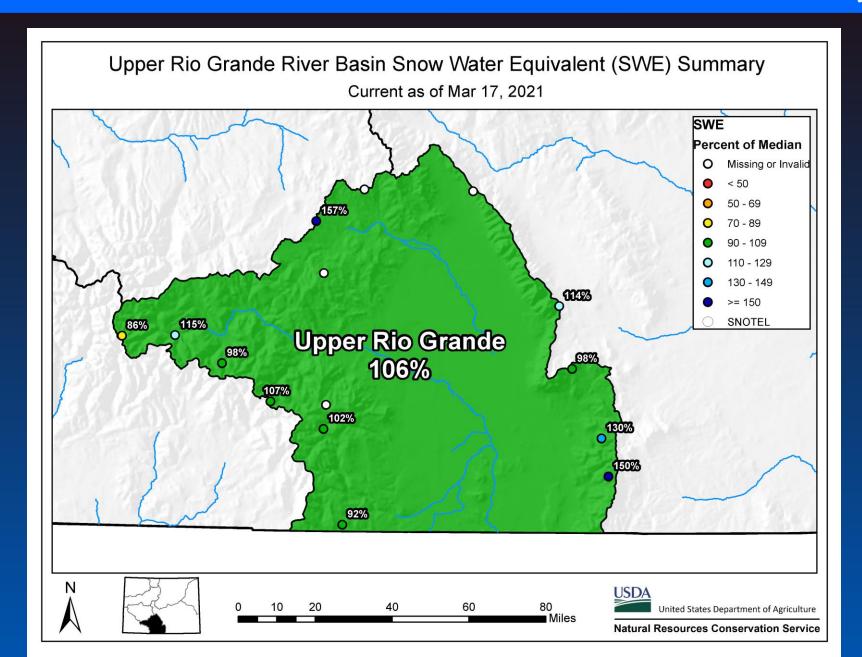
Major Basin Summary

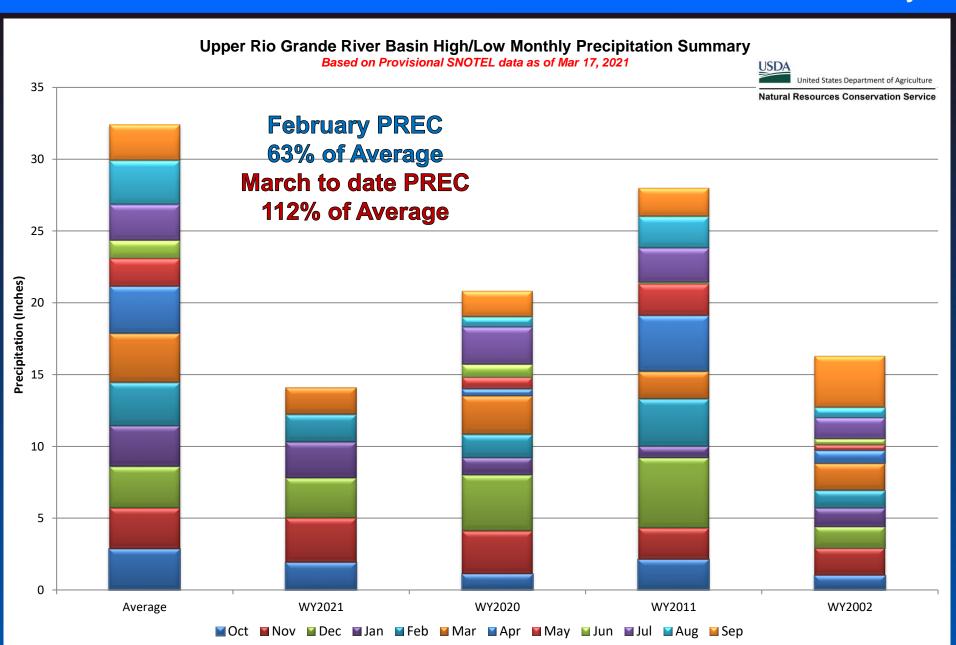






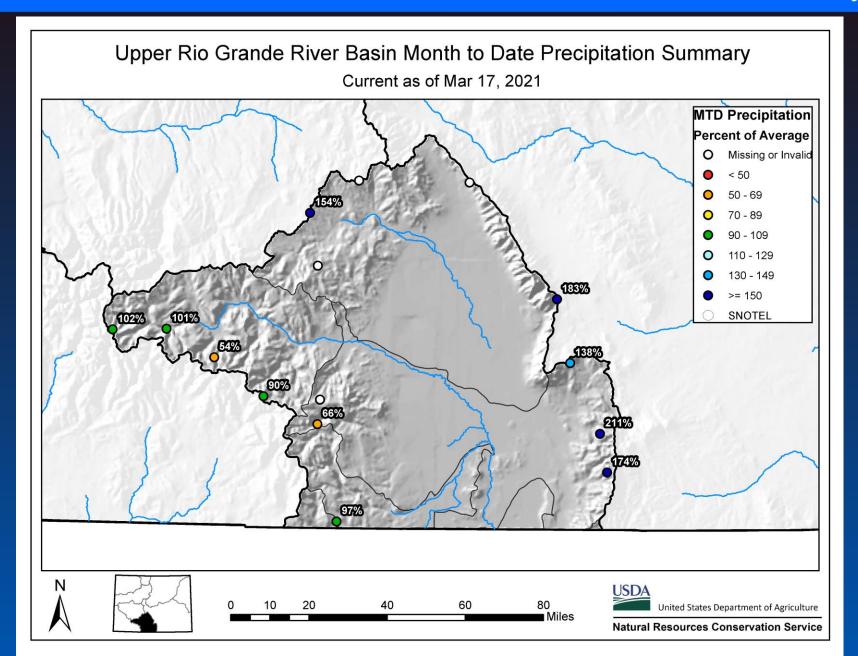




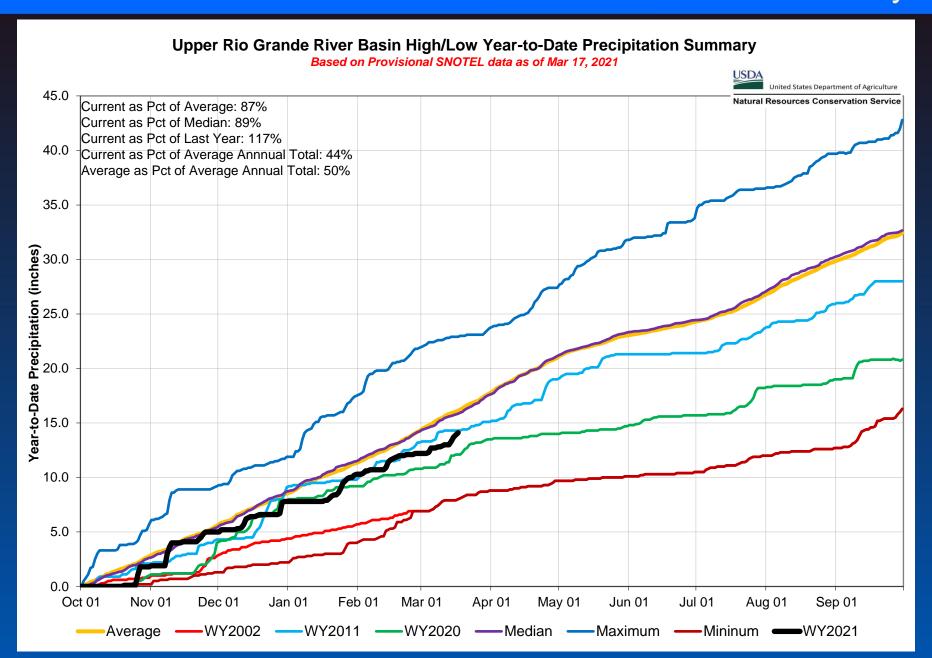






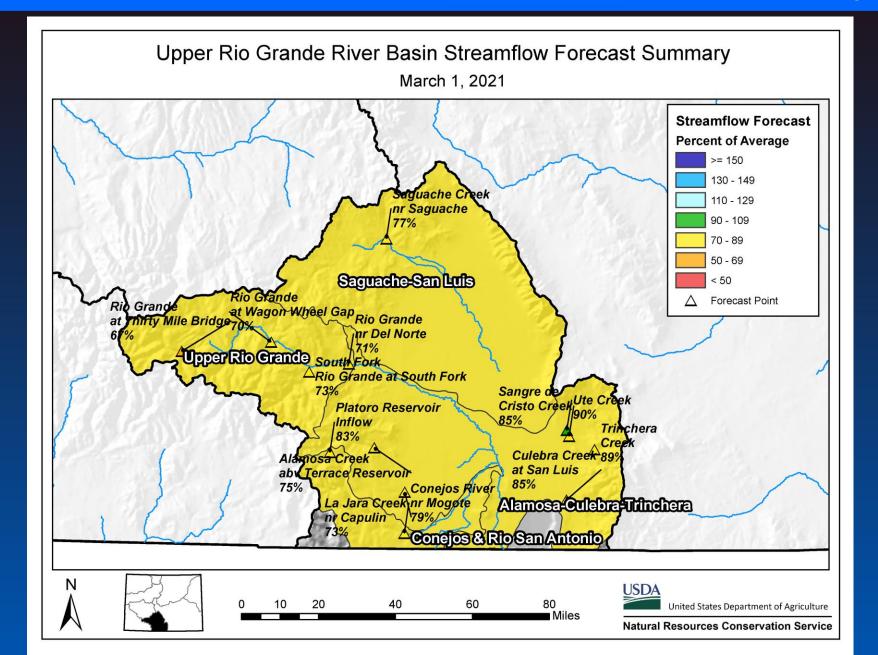




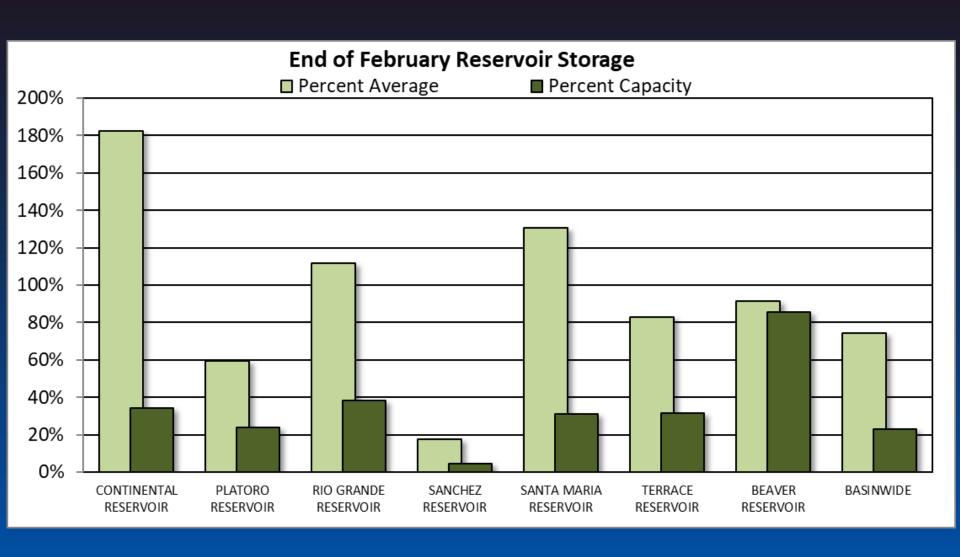








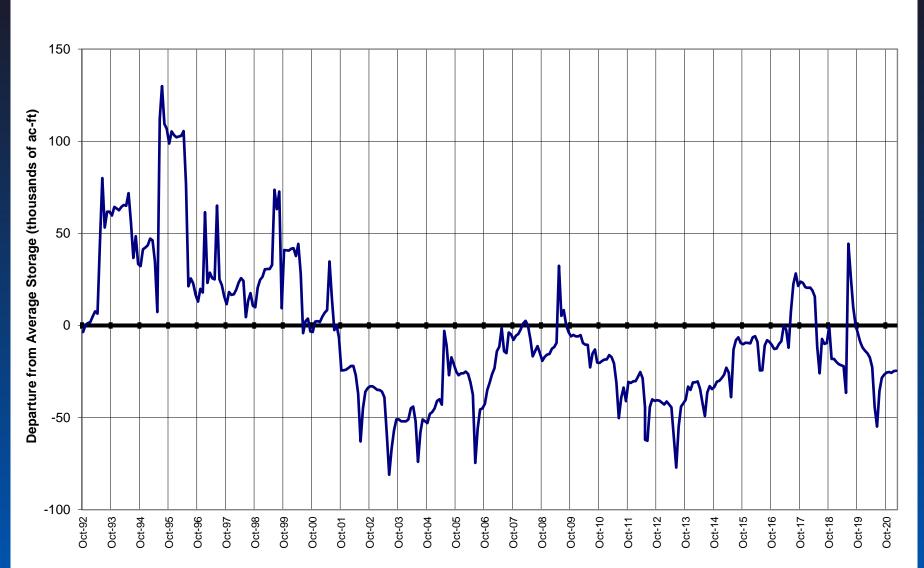








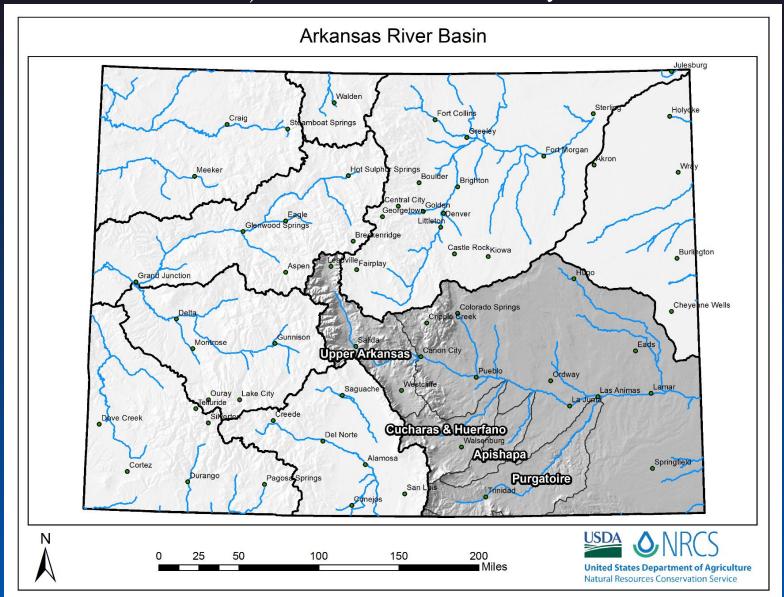




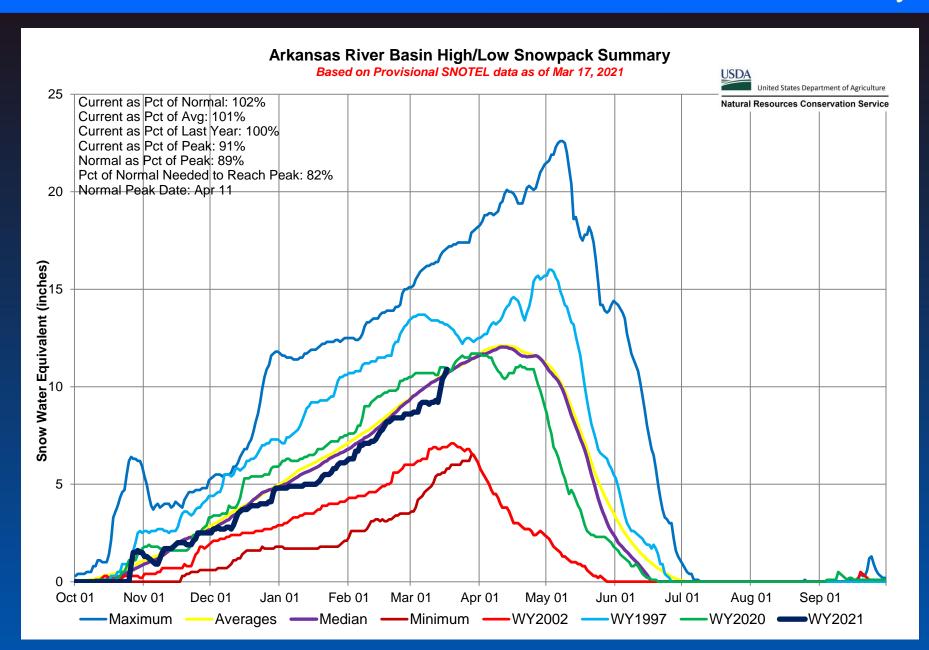




Major Basin Summary

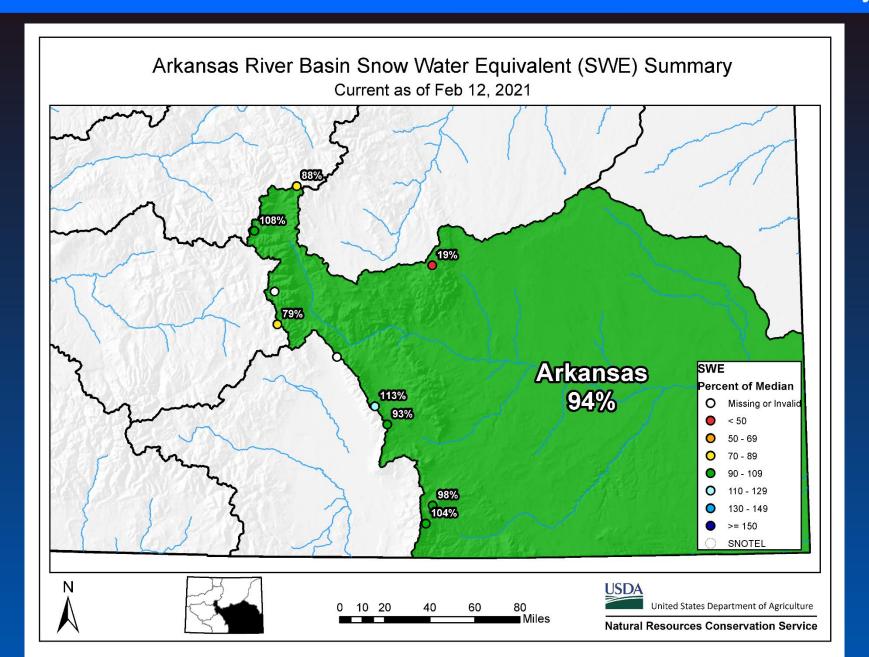






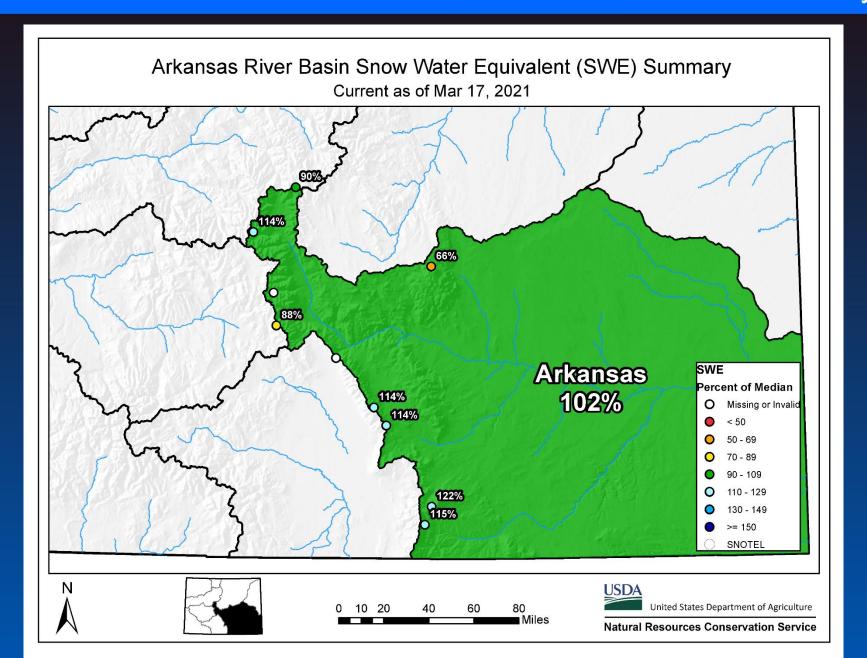


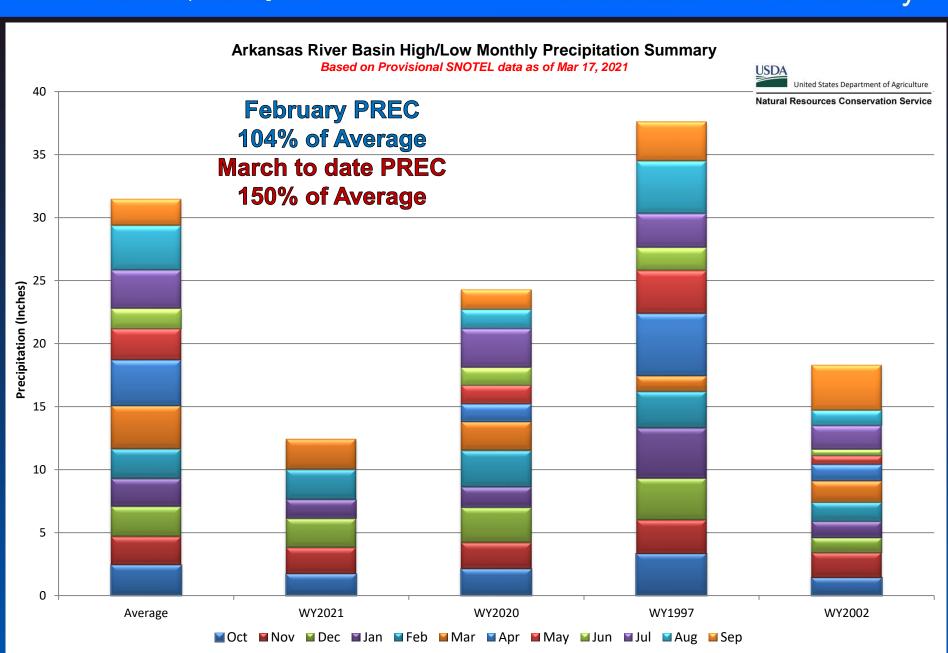






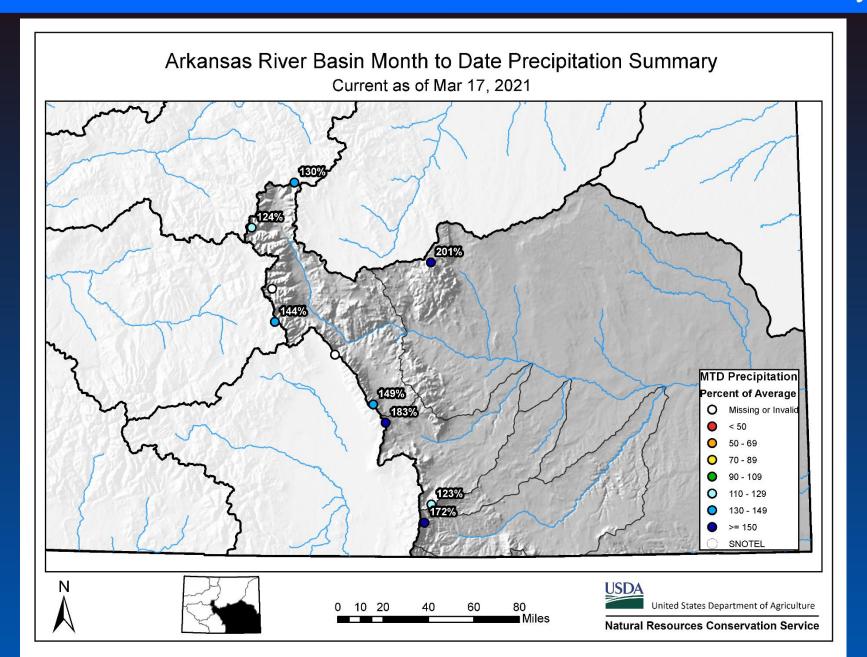






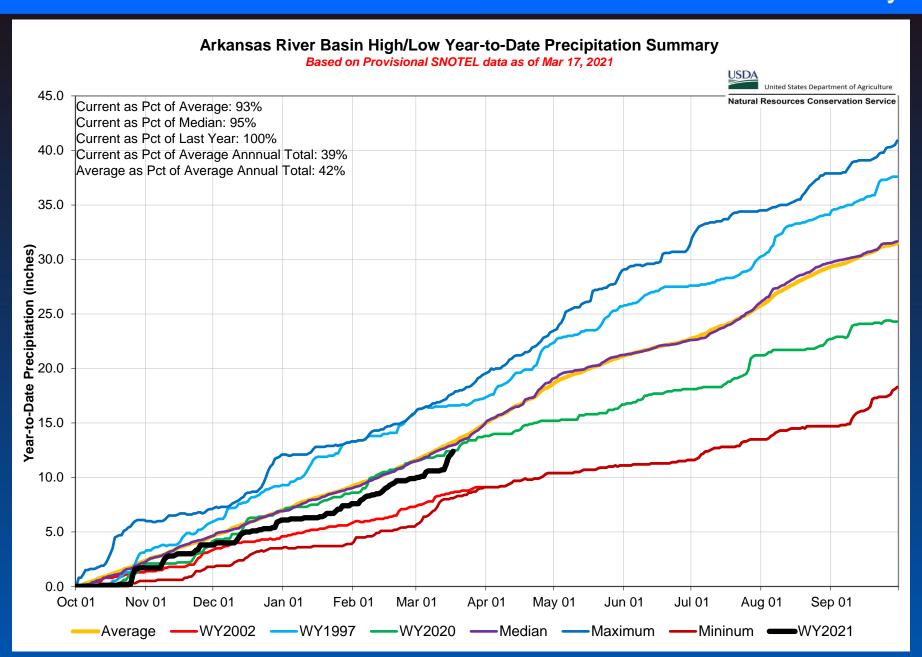






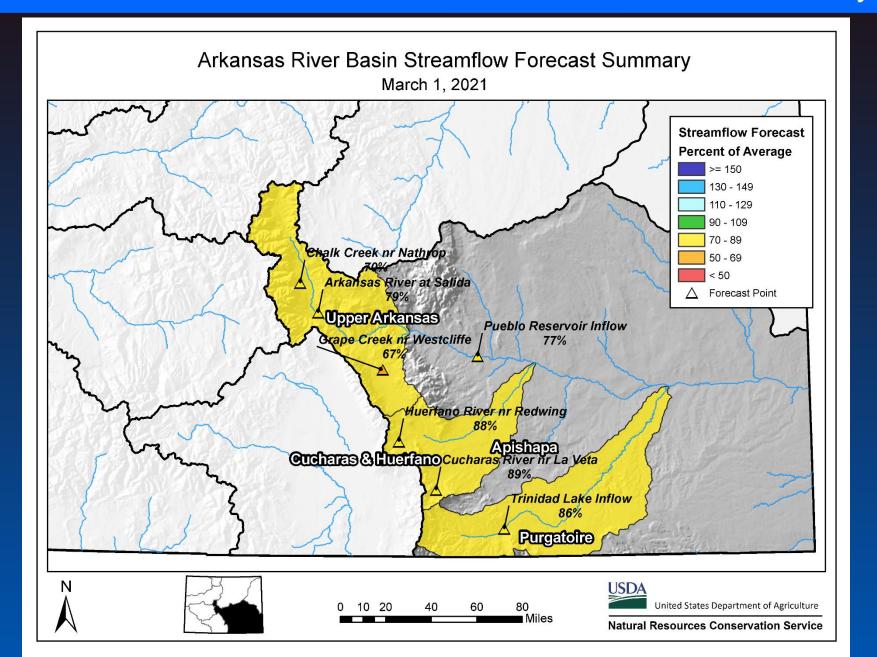






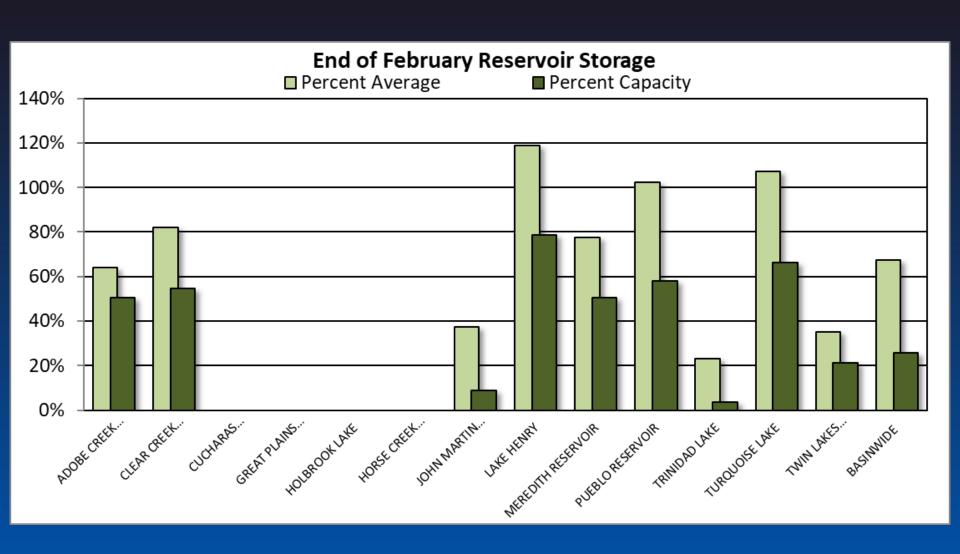








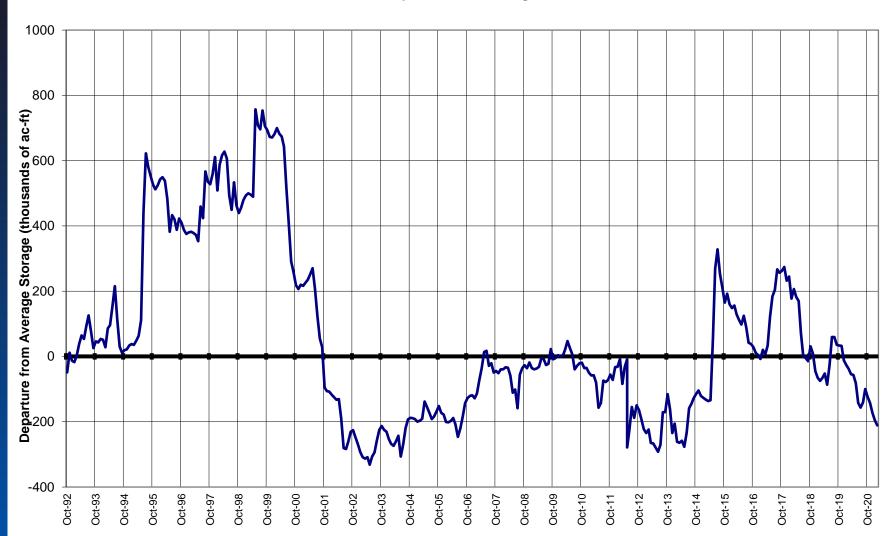






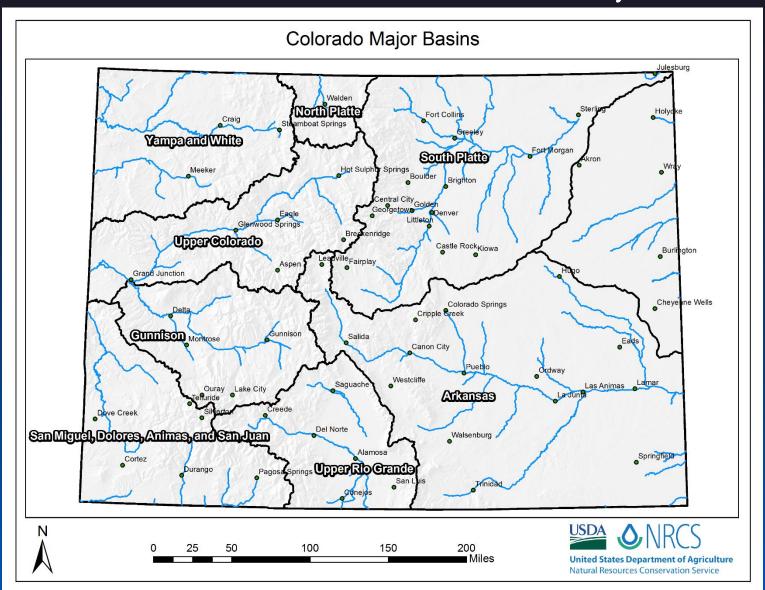






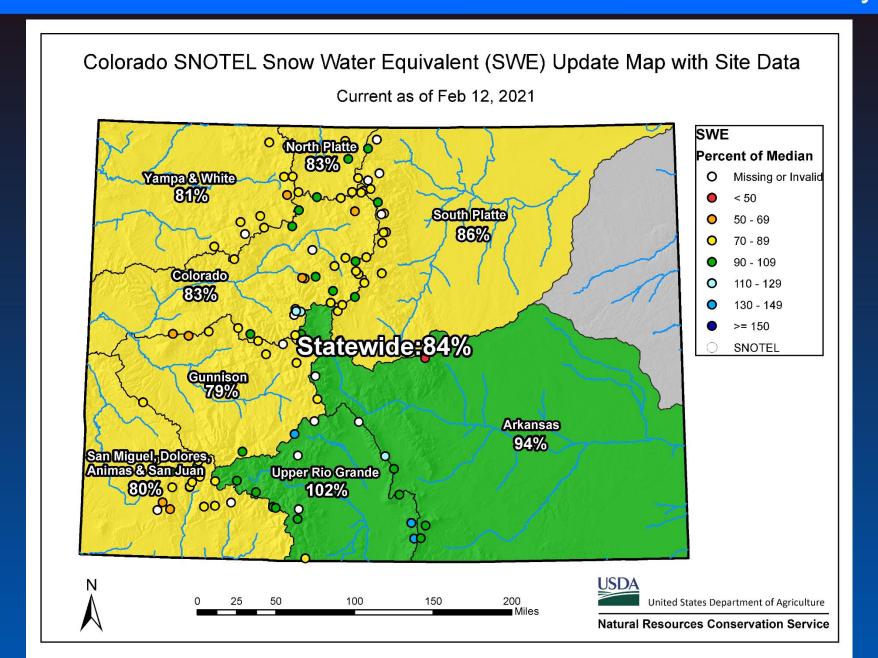


Colorado Statewide Summary

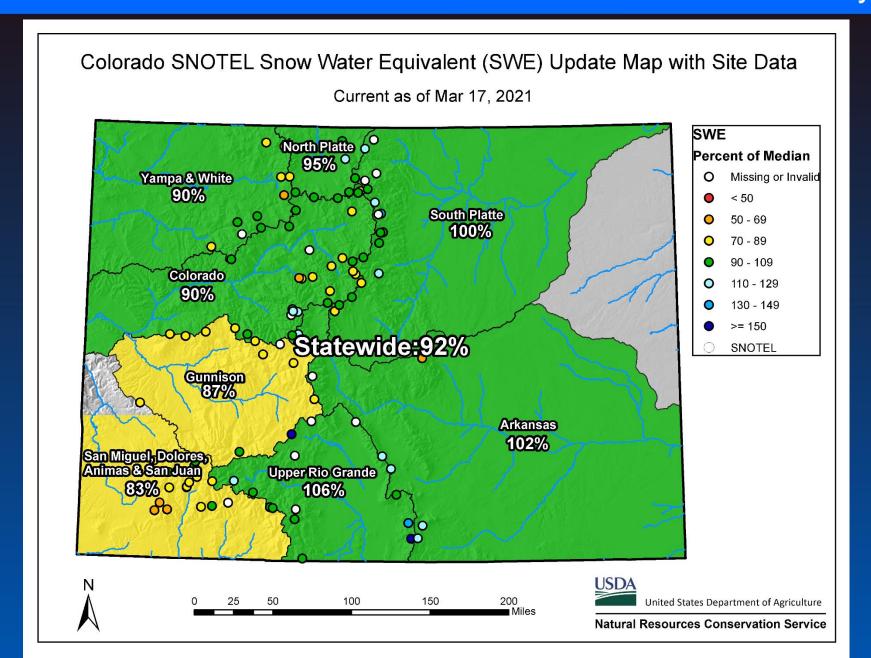




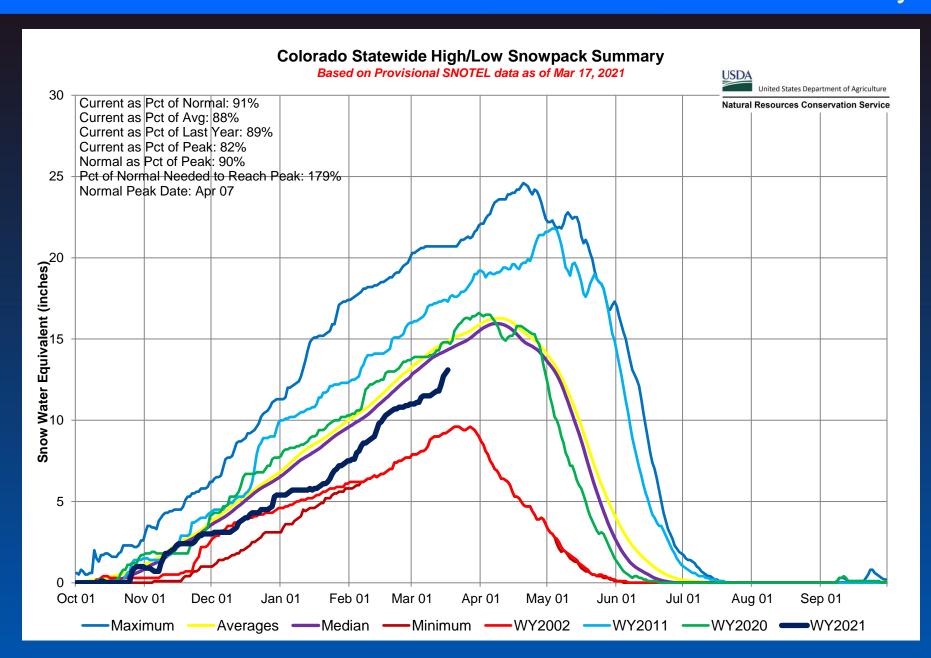




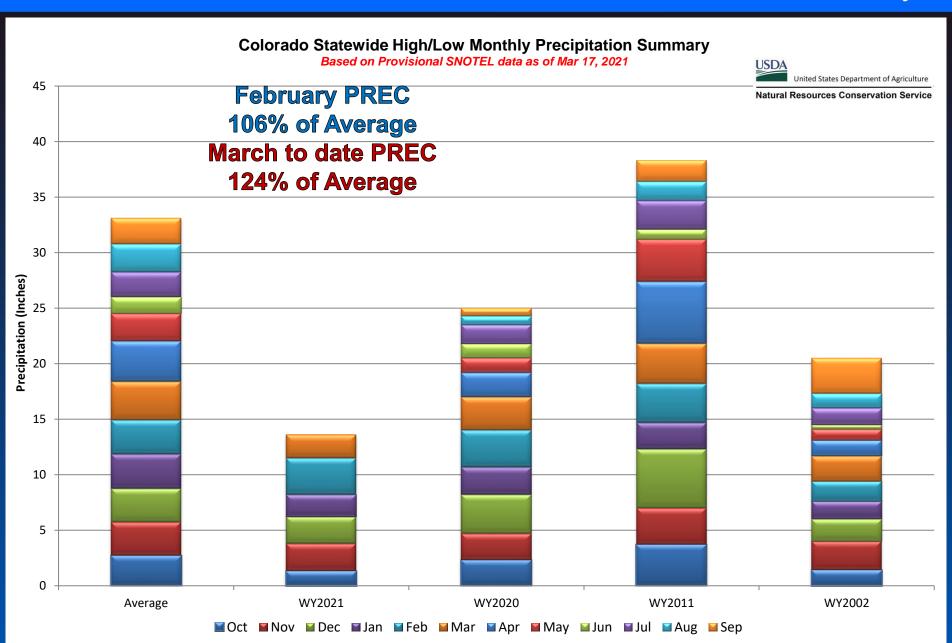




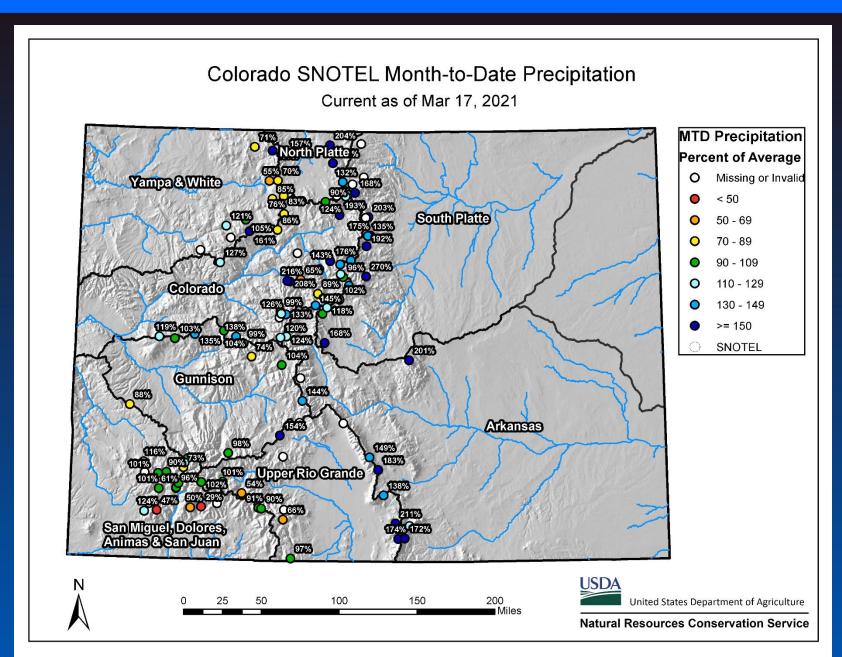




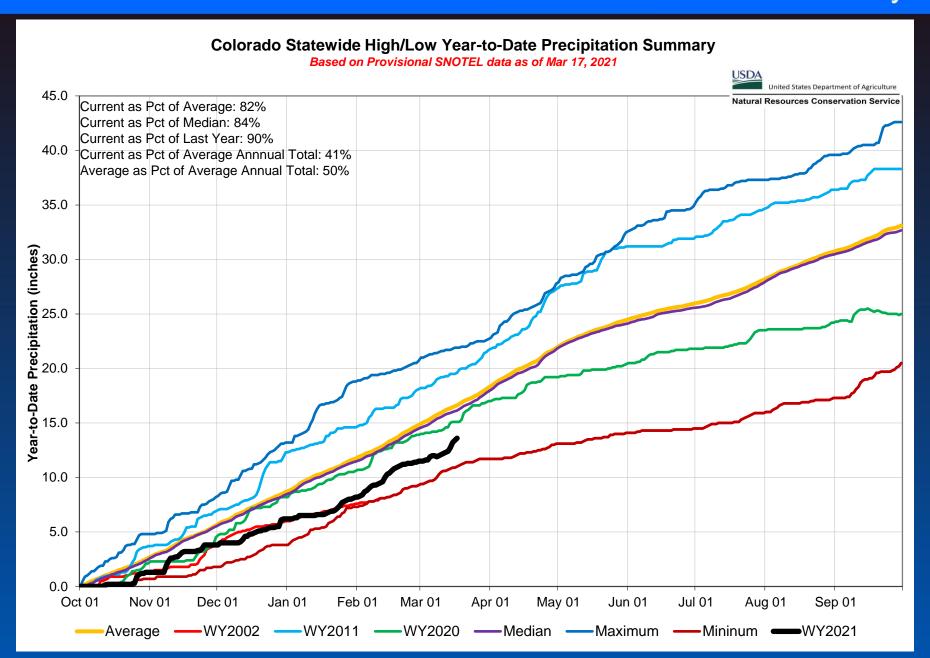






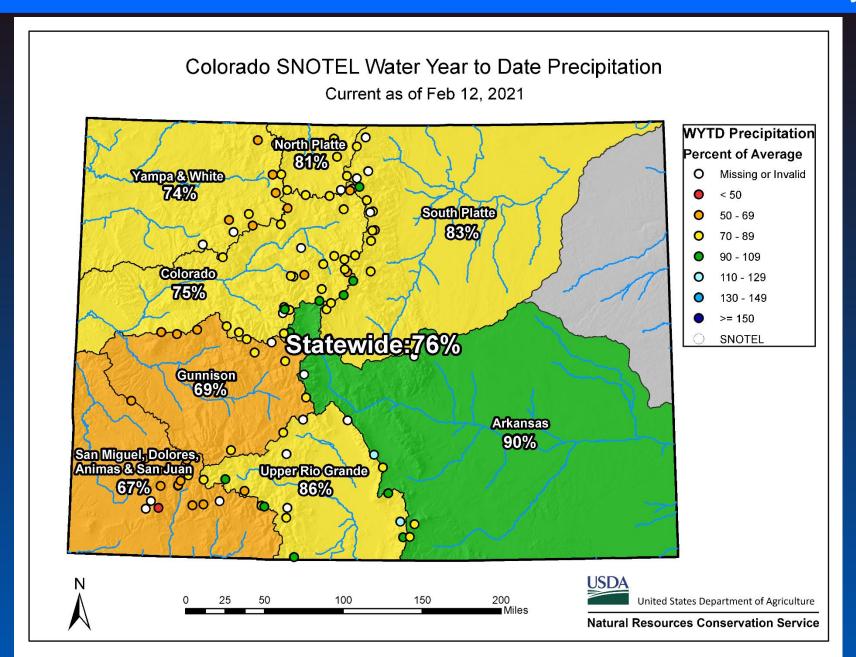




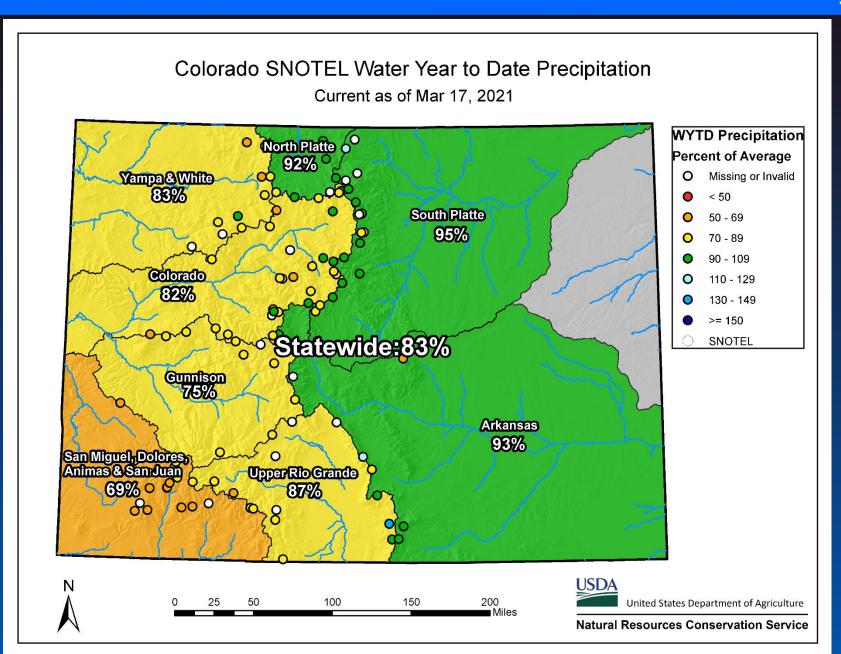






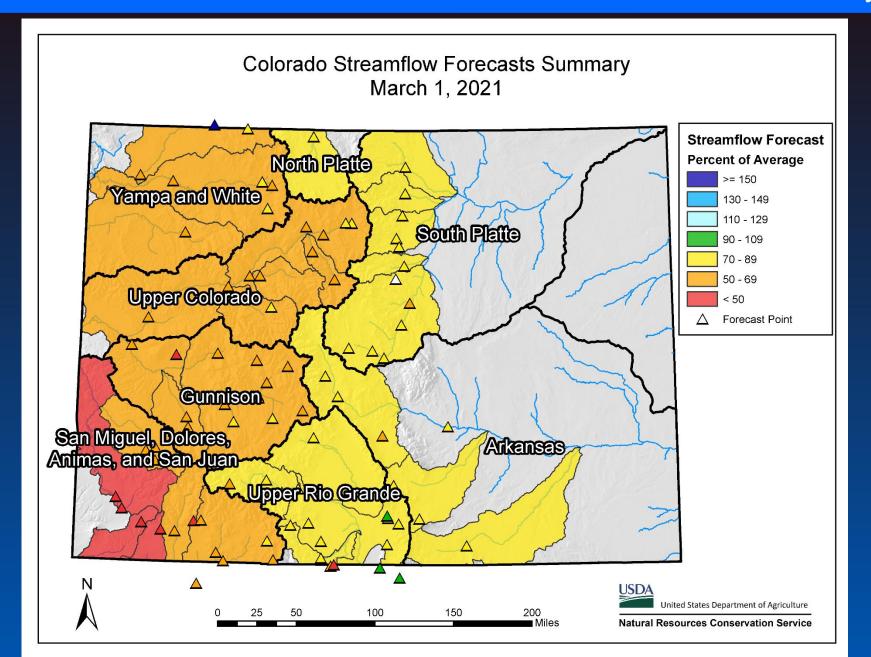






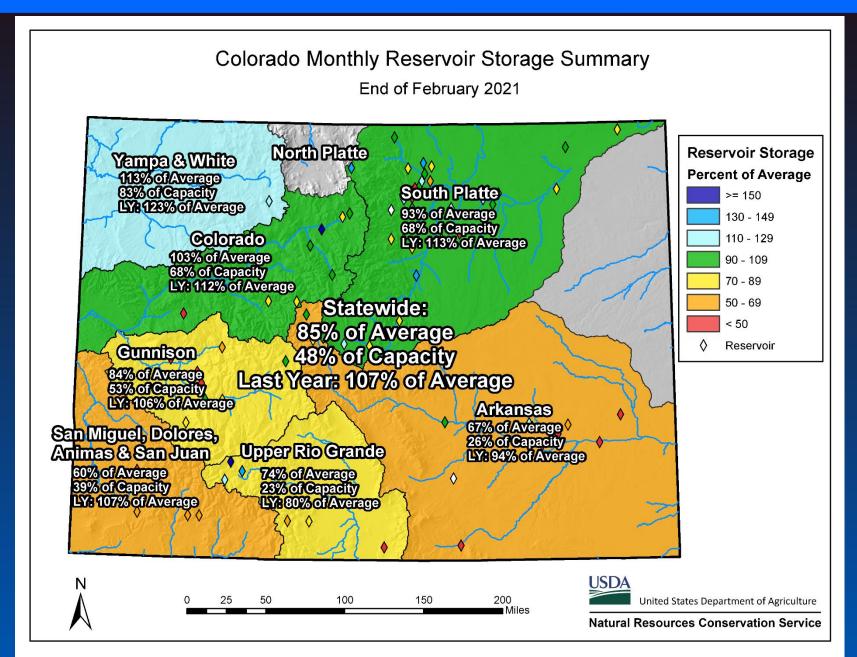




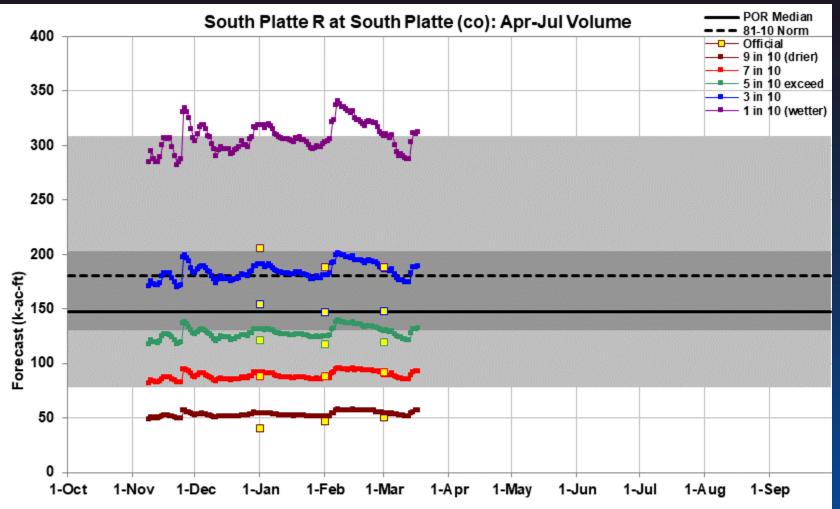








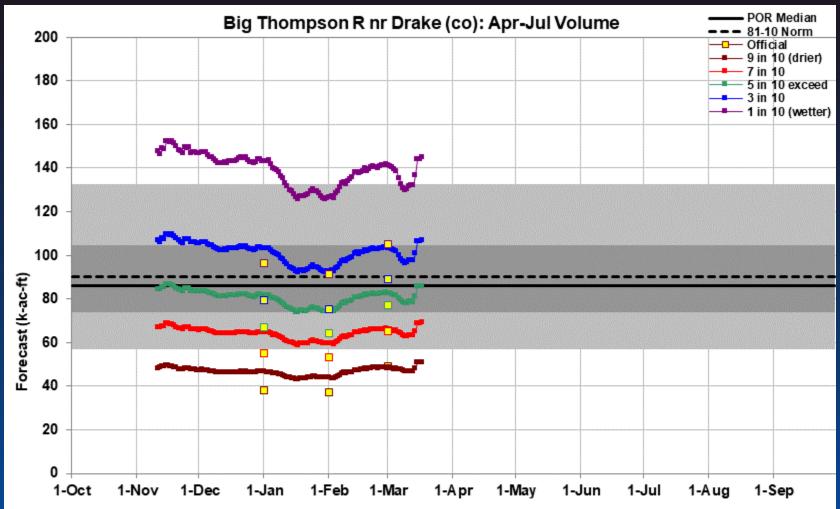




Created 5:35 Mar 17 2021

This is an automated product based solely on SNOTEL data, provisional data are subject to change. This product is a statistically based guidance forecast combining indices of snowpack and precipitation.
Yellow squares are the official outlooks. Gray background is the historical period of record variability.
This product does not consider climate information such as El Nino or short range weather forecasts, or a variety of other factors considered in the official forecasts. This product is not meant to replace or supercede the official forecasts produced in coordination with the National Weather Service.
Science Contact: Cara.s.McCarthy@por.usda.govwwwwcc.nrcs.usda.gov/wsf/daily_forecasts.html



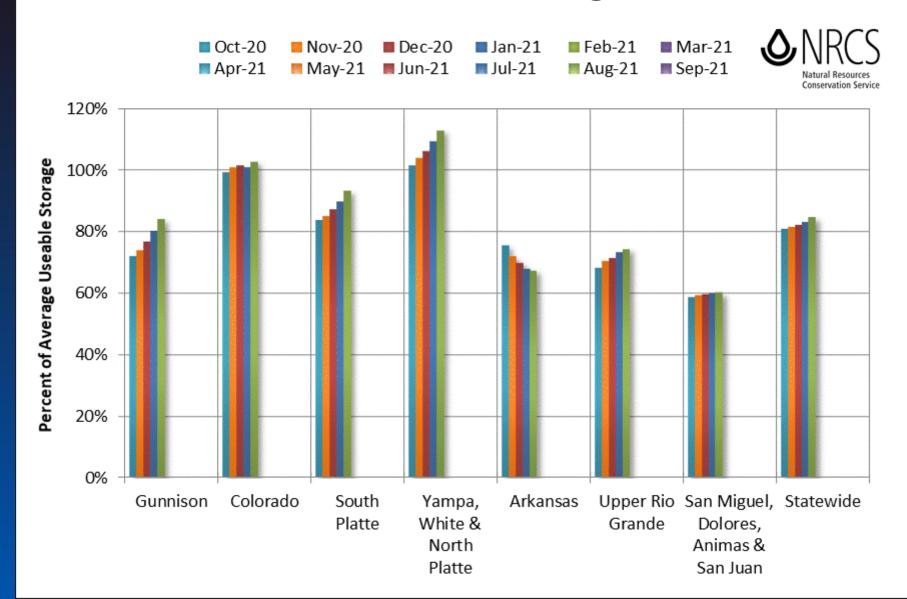




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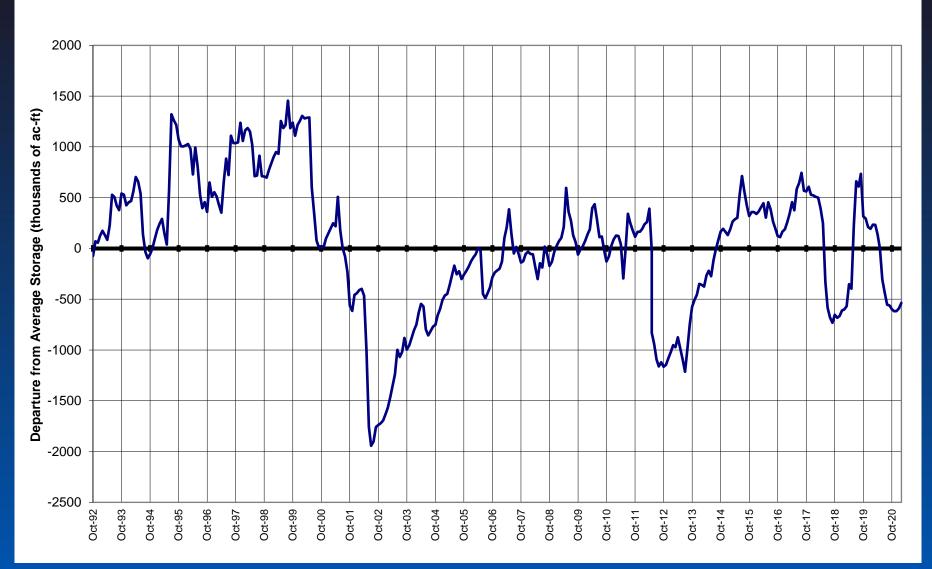
Colorado Reservoir Storage













Summary

- •Mid-March storm provided much-needed boost to anticipated snowpack and water supply but fall far short of what is needed to make up for precip and soil moisture deficits
 - 15% improvement in South Platte Snowpack
 - 12% improvement in Arkansas Snowpack
 - As little as a 5% improvement in Colorado River Basin Snowpack
- •Precipitation Statewide
 - Since last month's presentation a slight improvement in precipitation. Larger improvement in the northern half of the state and in the southern a very slight improvement.
- •Reservoir Storage increased 2% since last month to 85% of normal with basin-wide storage values remaining better in the northern half of the sate nearer normal below normal in the southern half of the state.
- •Streamflow forecasts indicate below normal runoff this spring and summer. Most recent storm will improve runoff prospects some but not as much as needed. Dry soils and low baseflows in rivers across the state are indicating that snowmelt runoff will likely produce lower runoff volumes than would commonly occur with current snowpack.

Water Availability Task Force Meeting March 18th, 2021

NRCS Snow Survey and Water Supply Forecasting Program

Brian Domonkos

Hydrologist

Asst. Snow Survey Supervisor

720-544-2852

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



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