# Water Availability Task Force Meeting May 17<sup>th</sup>, 2018

#### NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

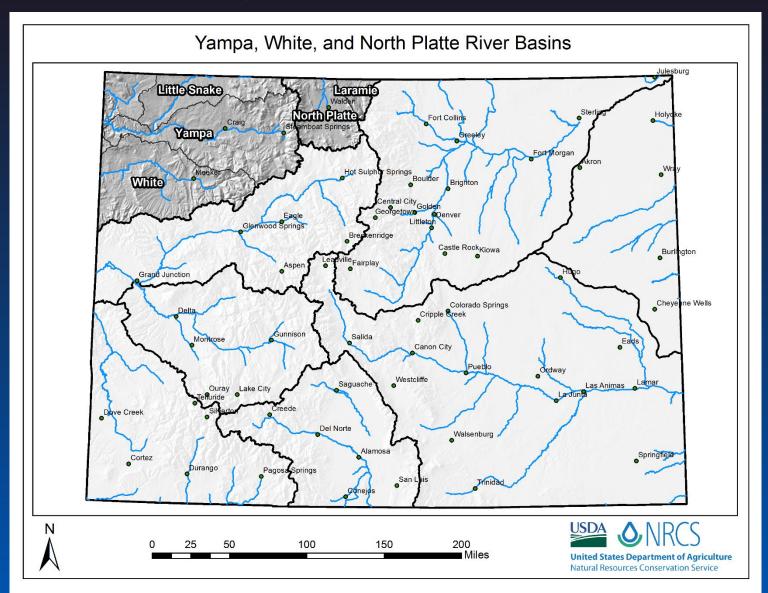
Hydrologist

**Asst. Snow Survey Supervisor** 

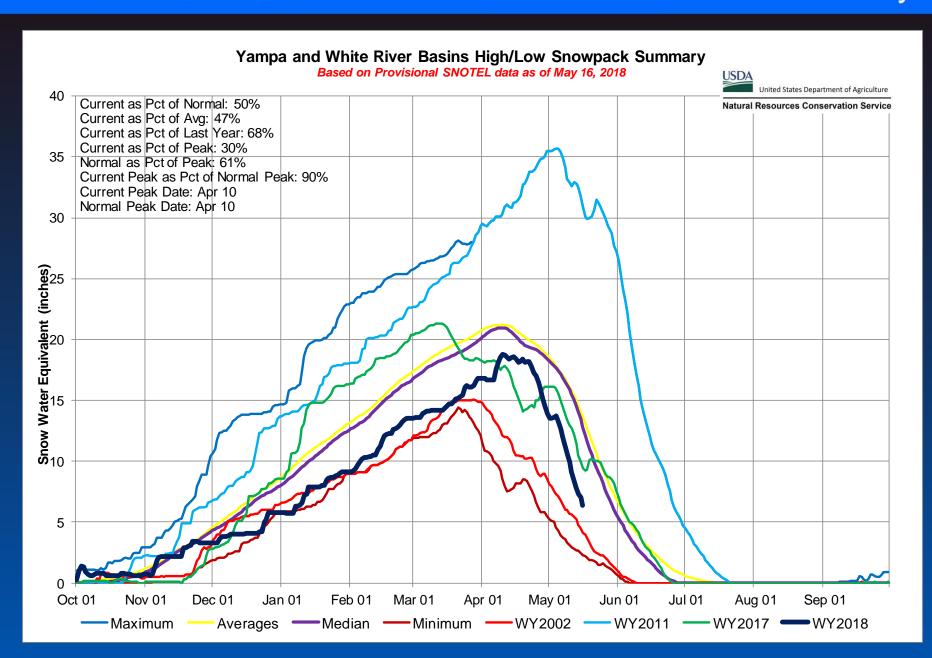
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http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/

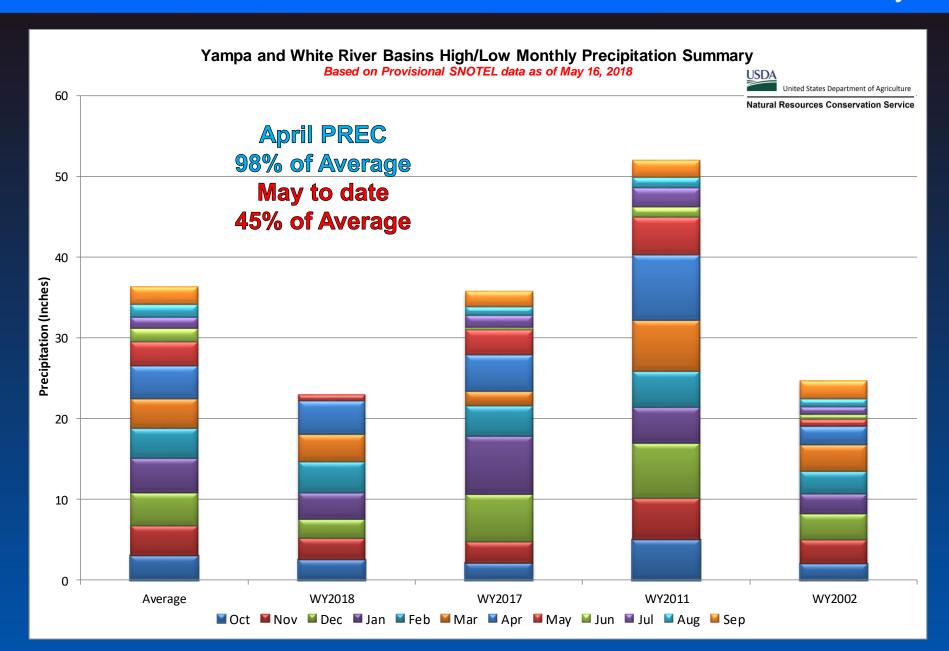




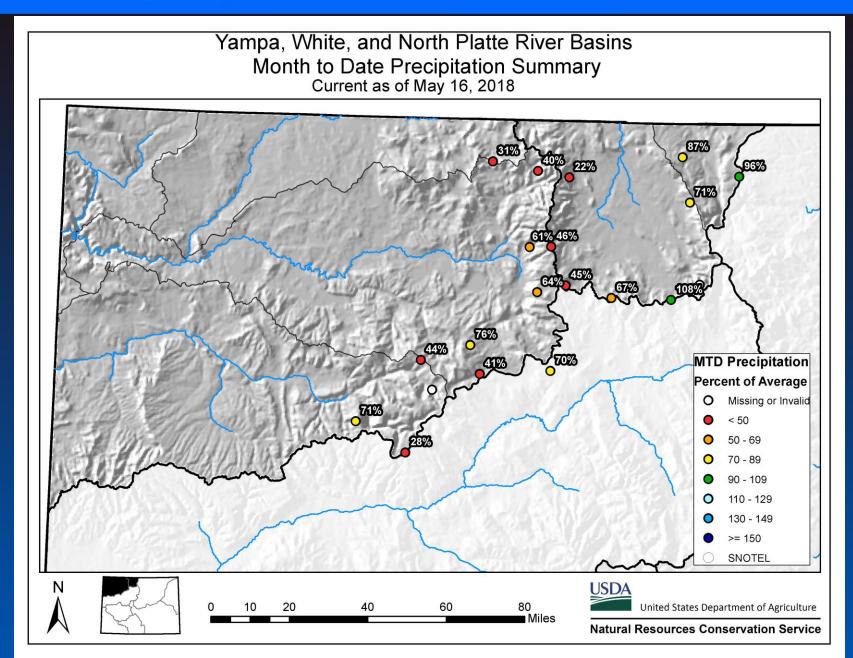






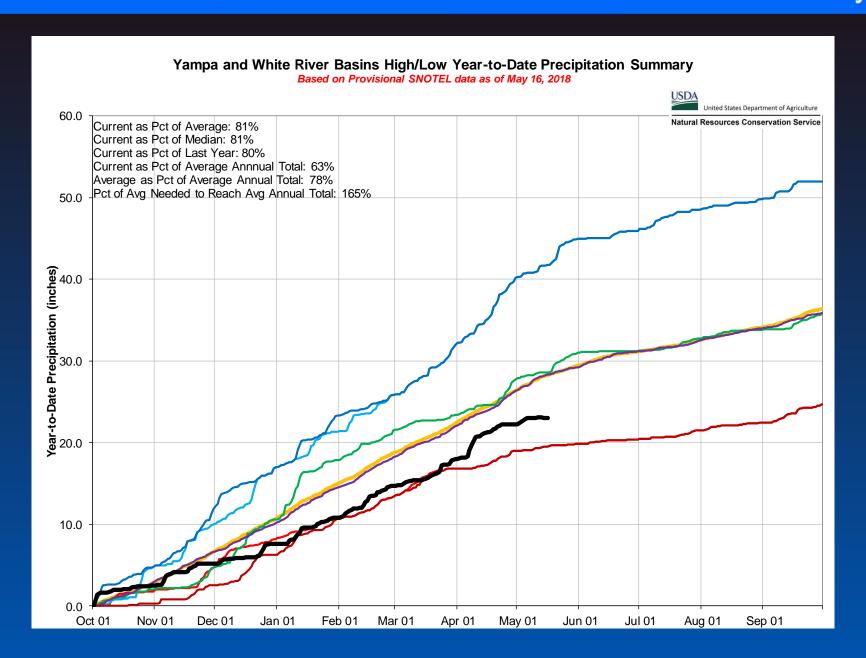




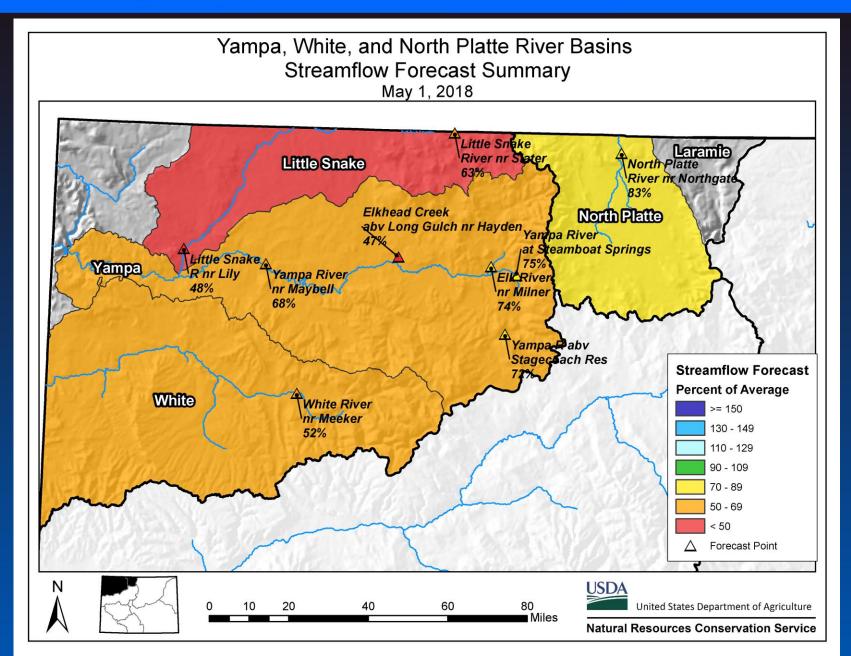






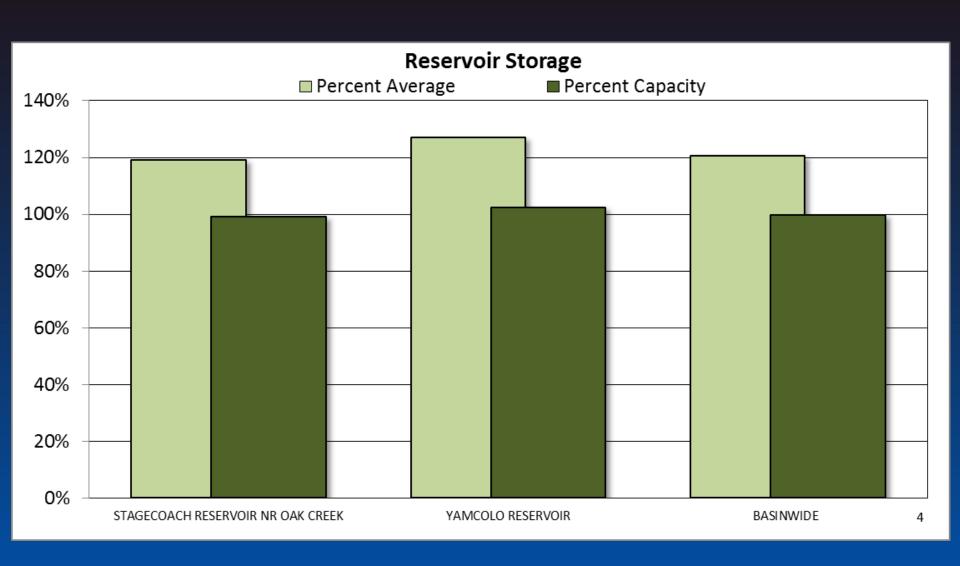




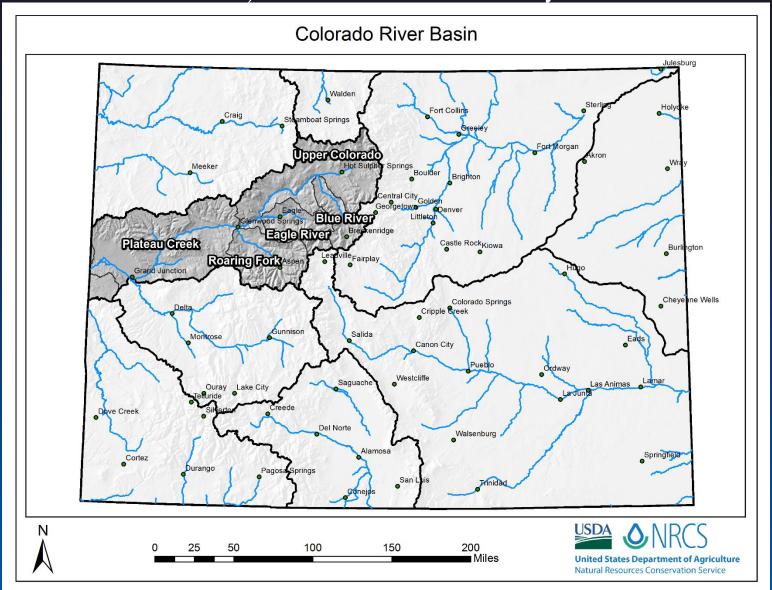




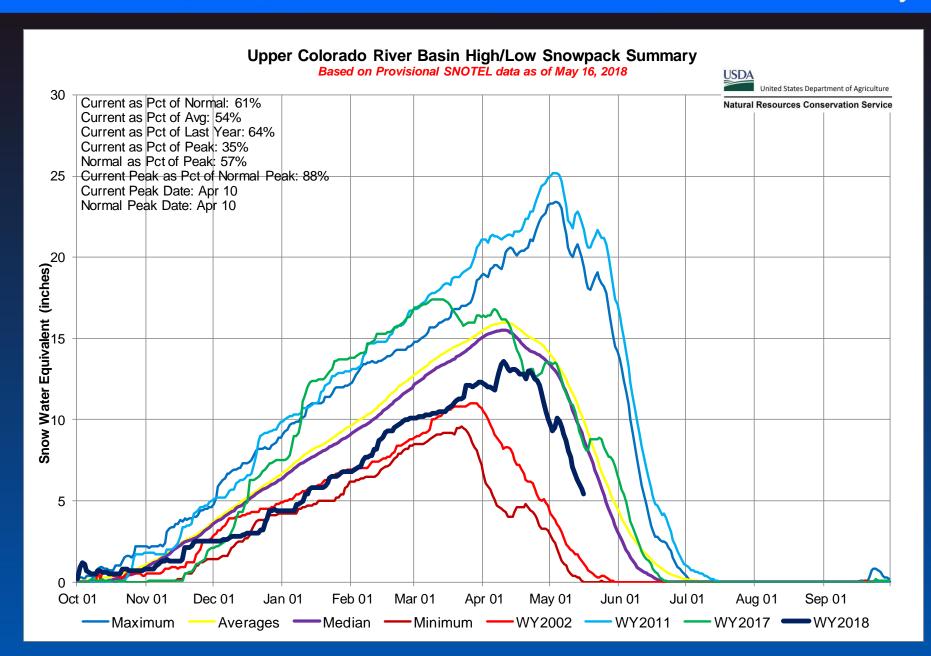




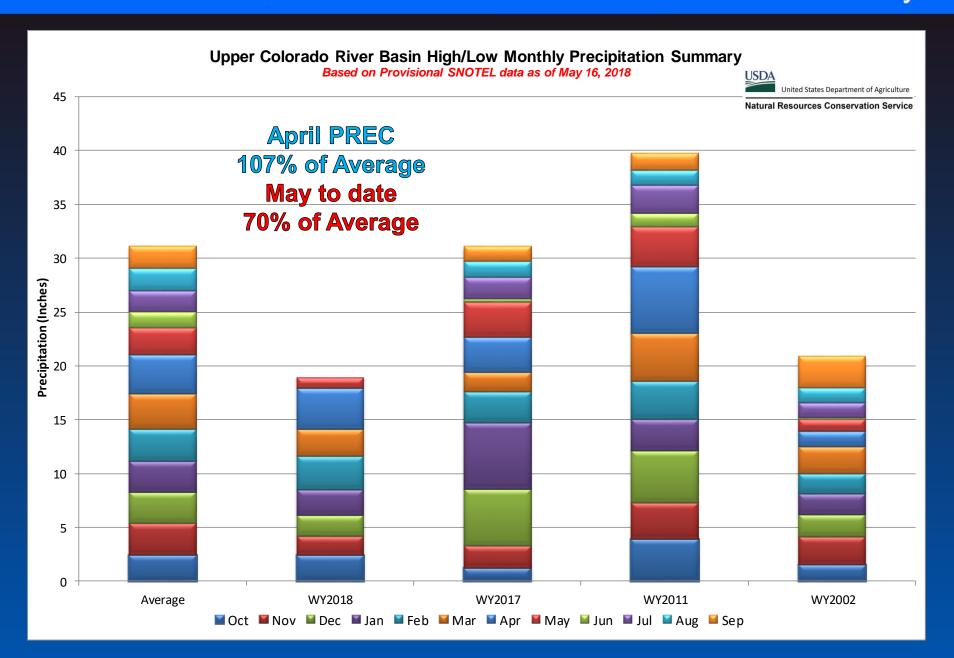






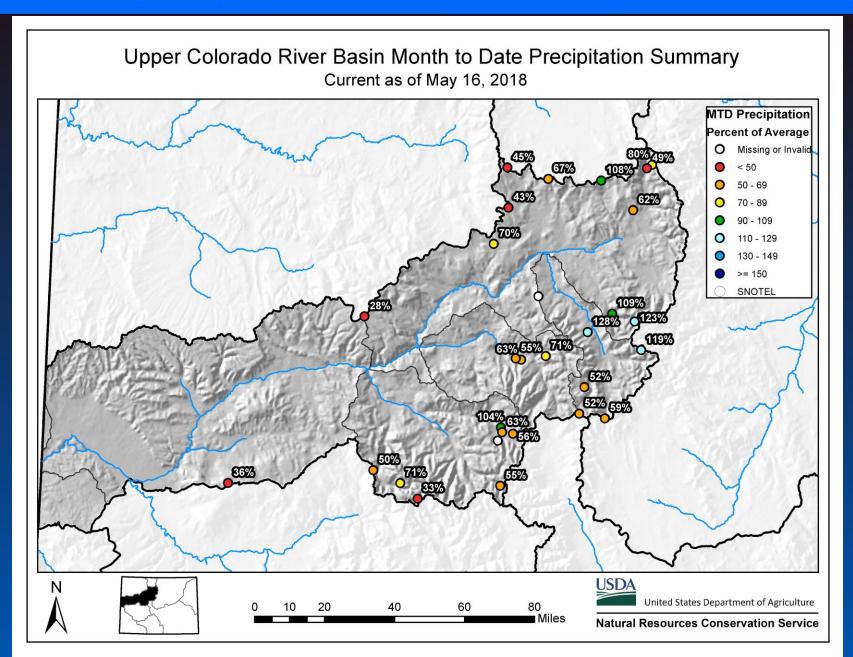






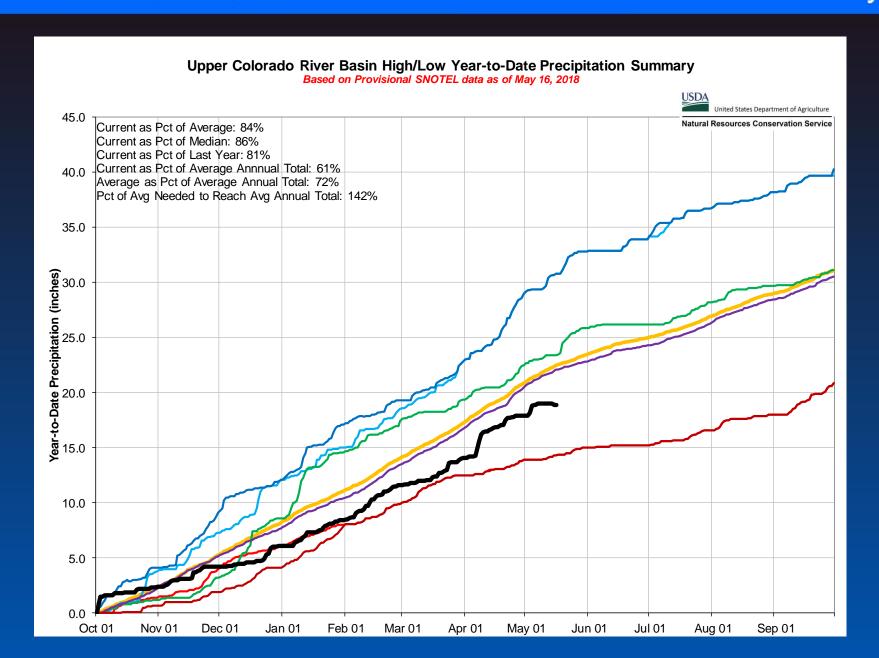






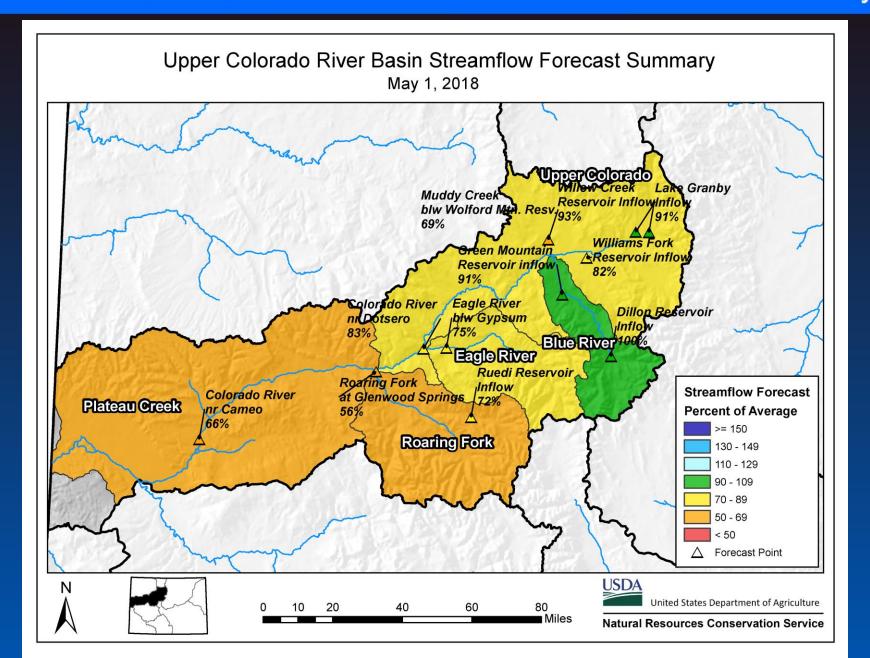






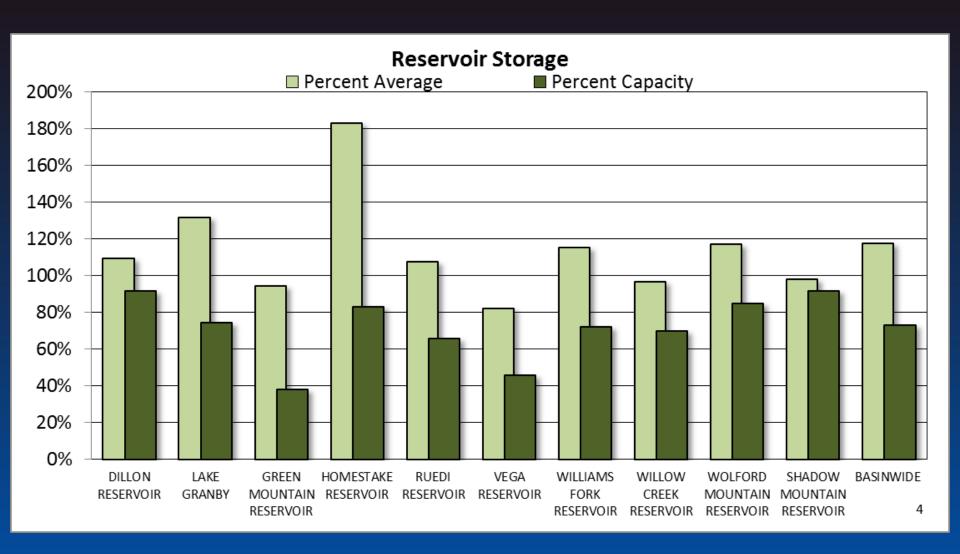








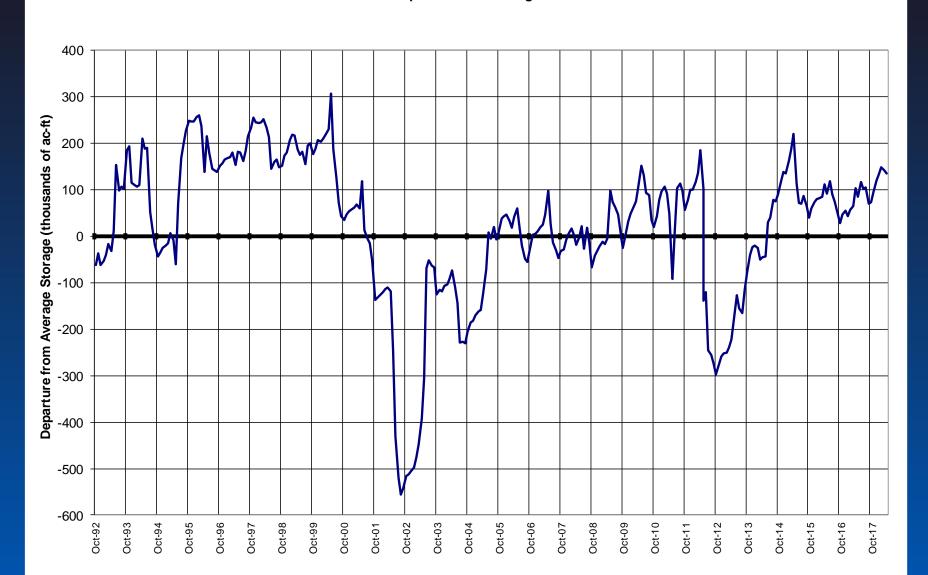




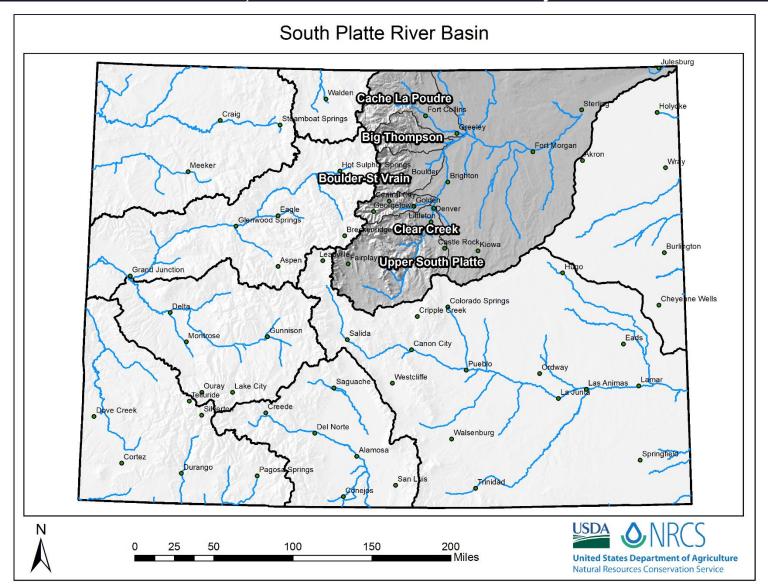




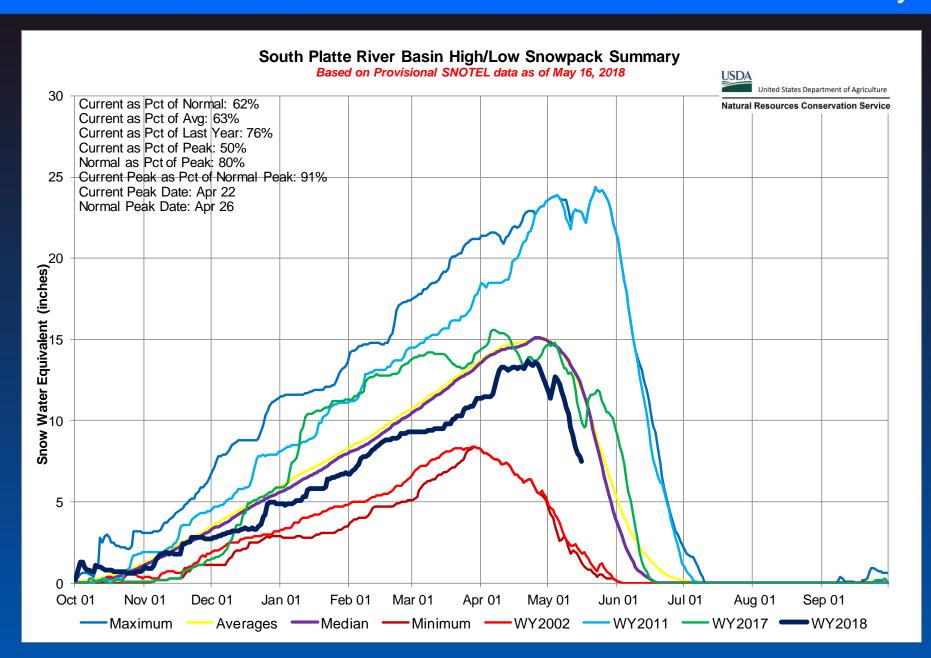
#### COLORADO RIVER BASIN Reservoir Storage Departure from Average



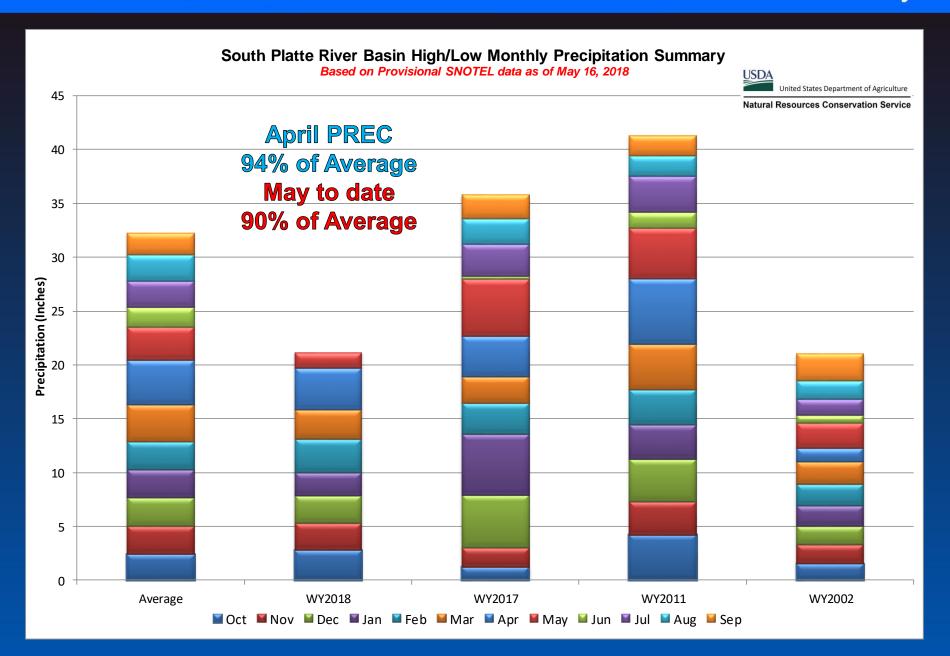






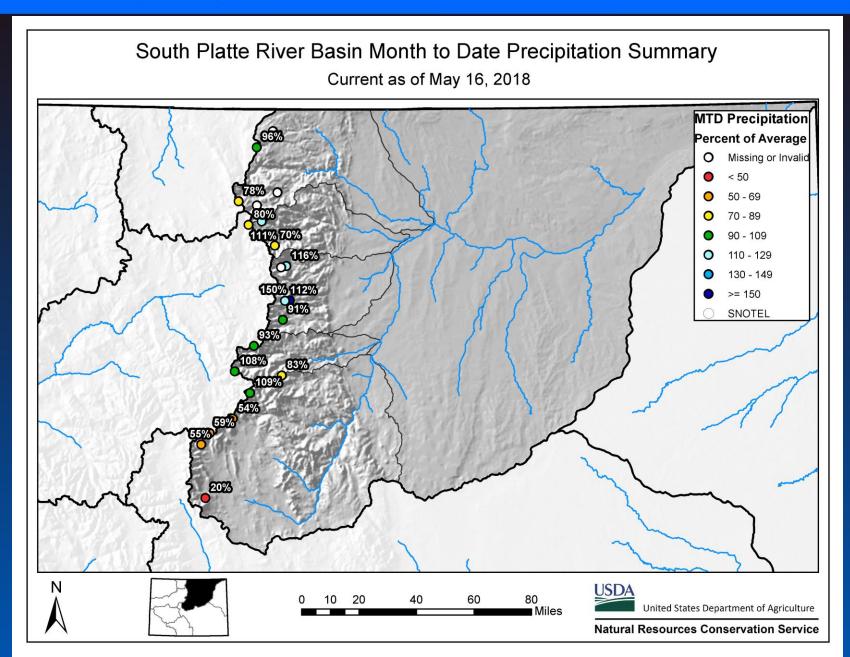




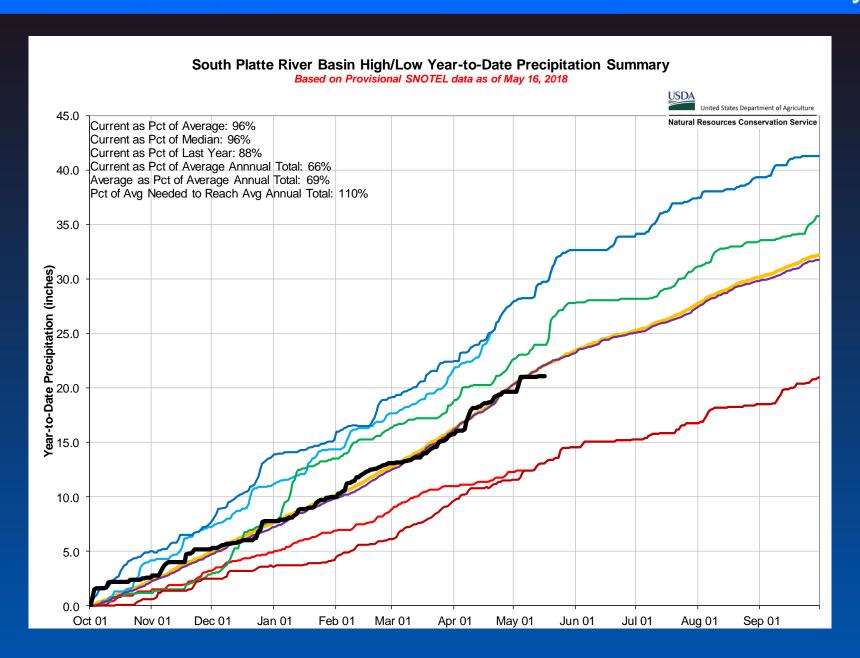






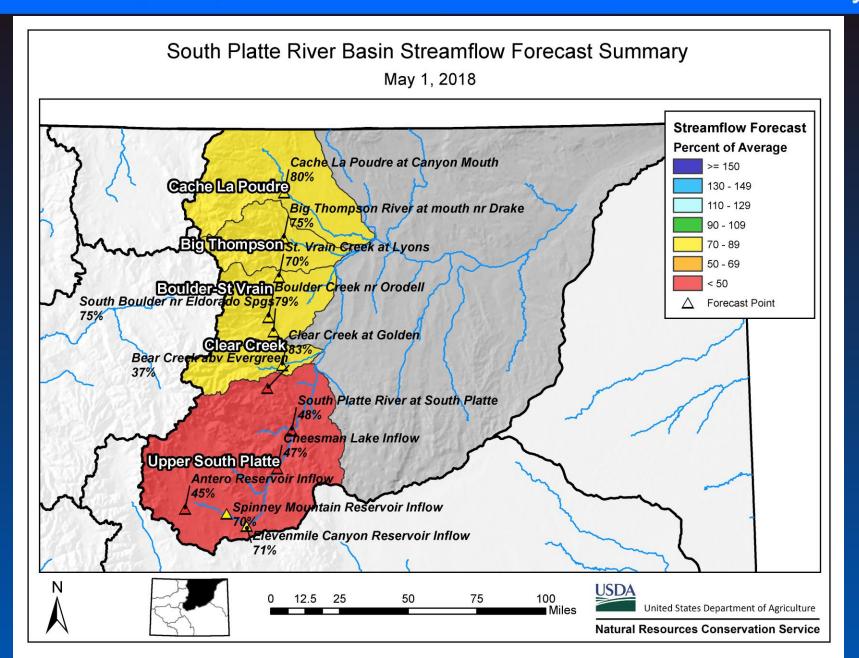




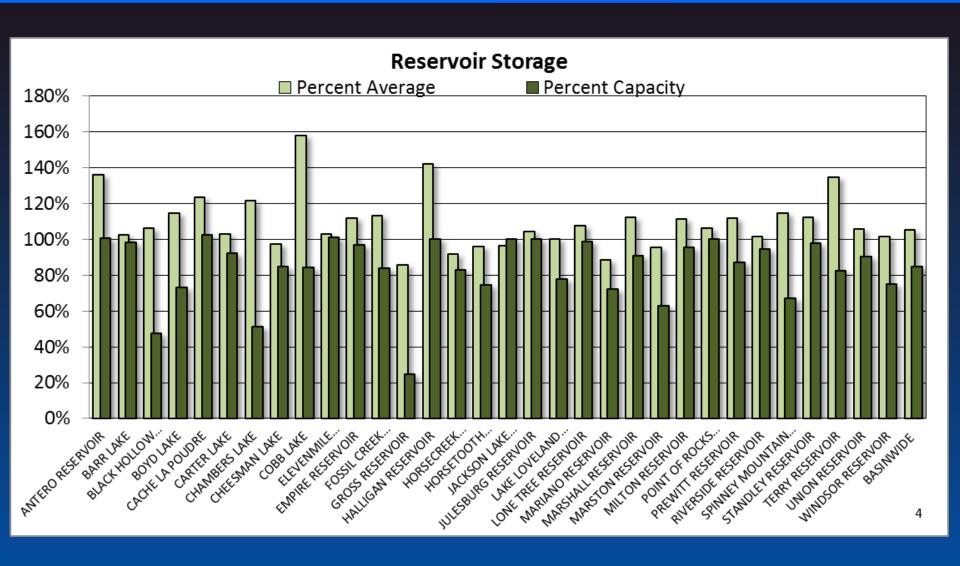








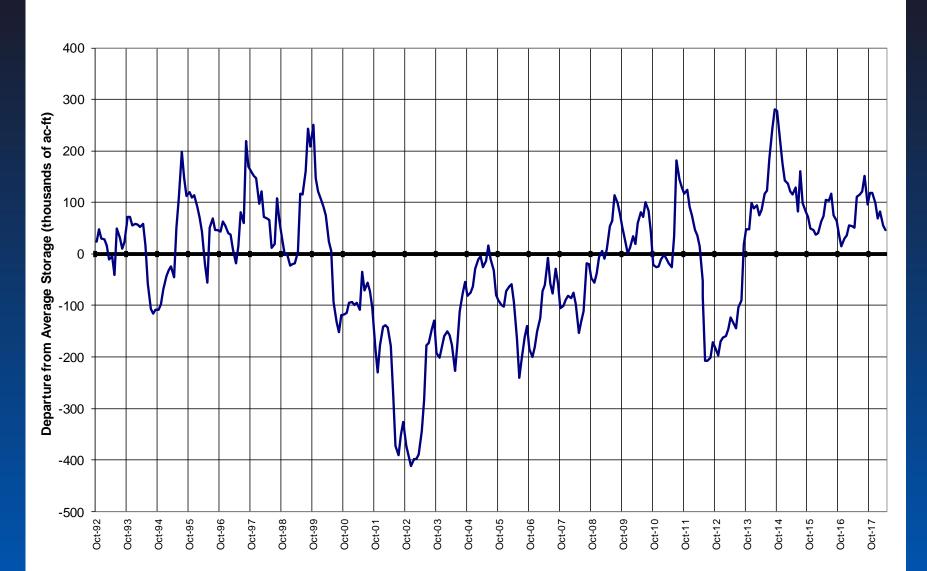




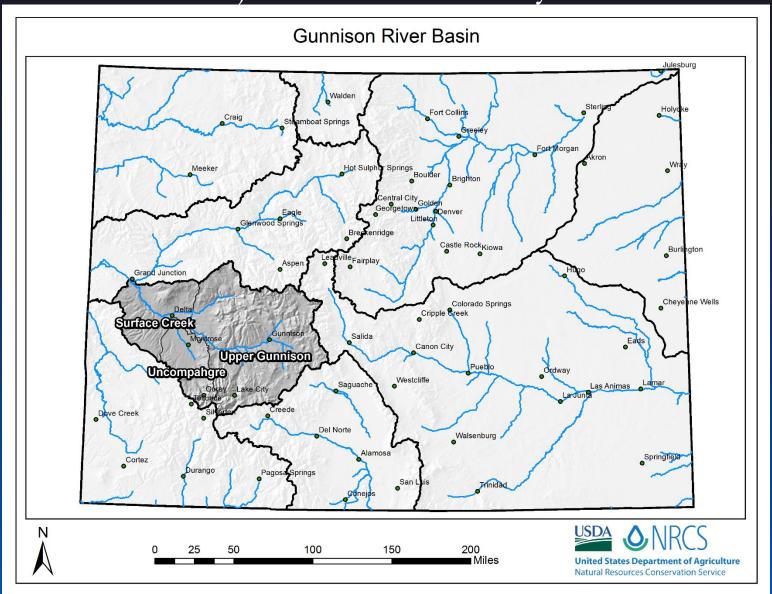




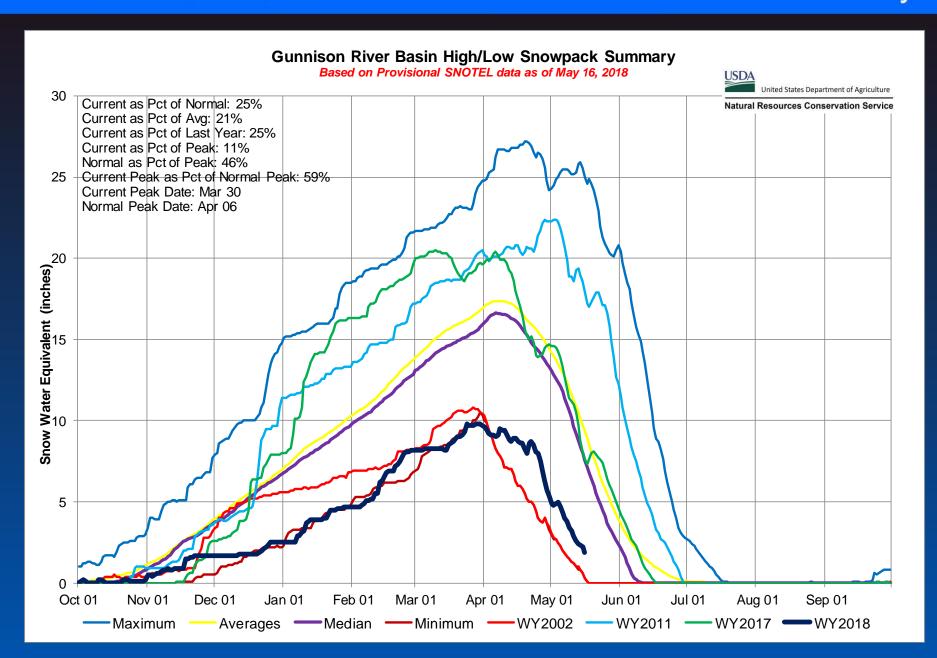




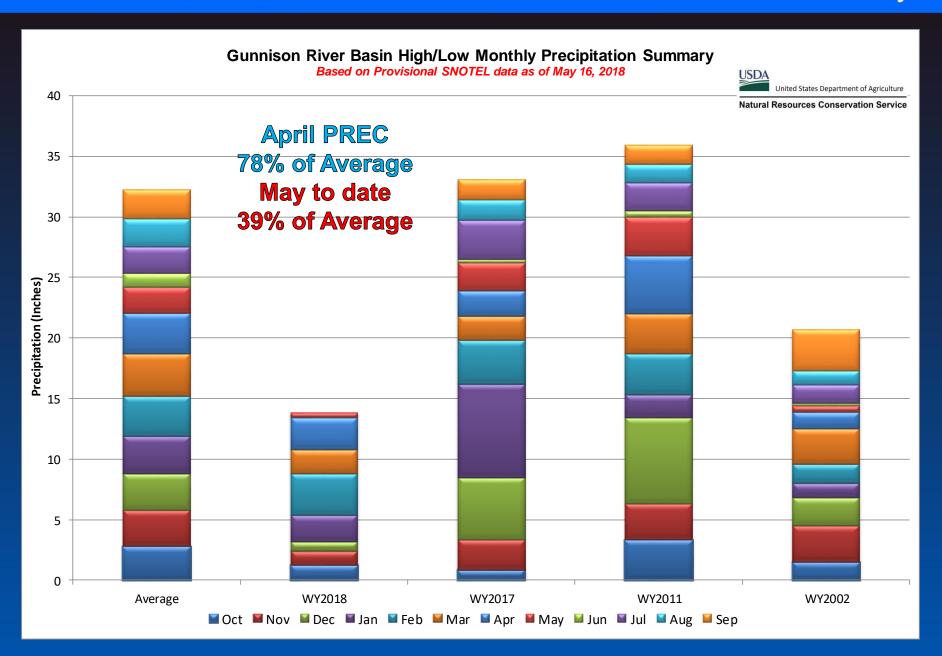






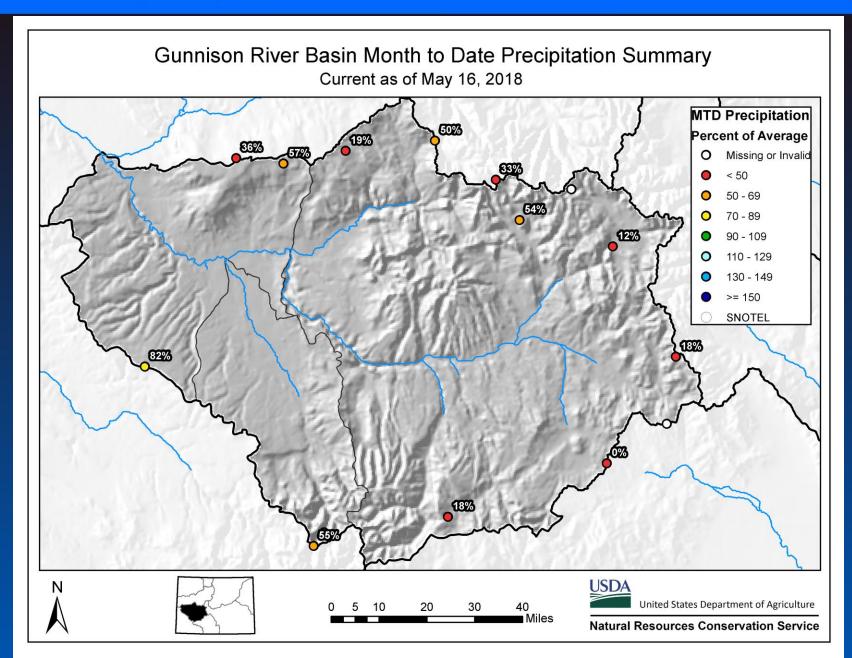




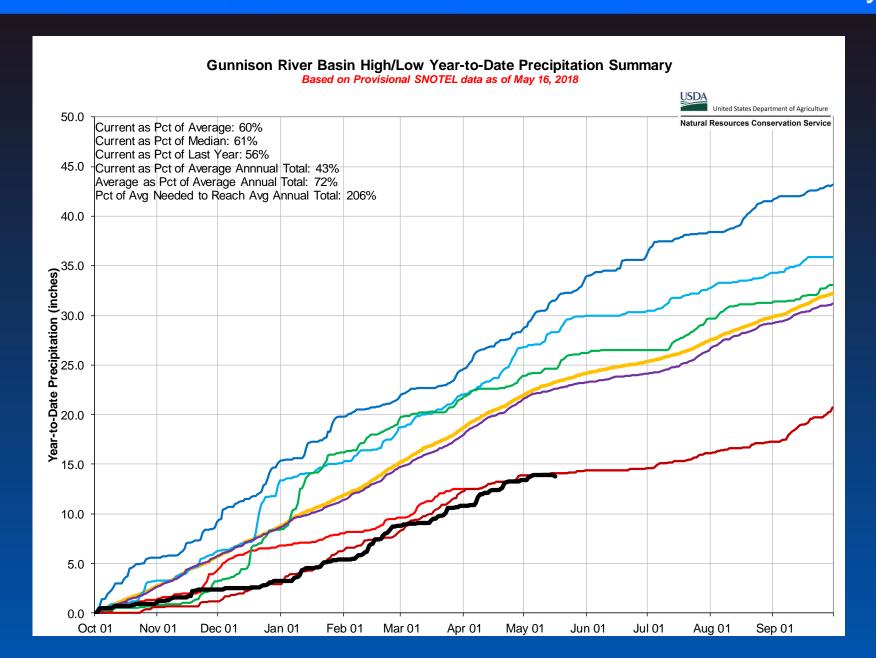






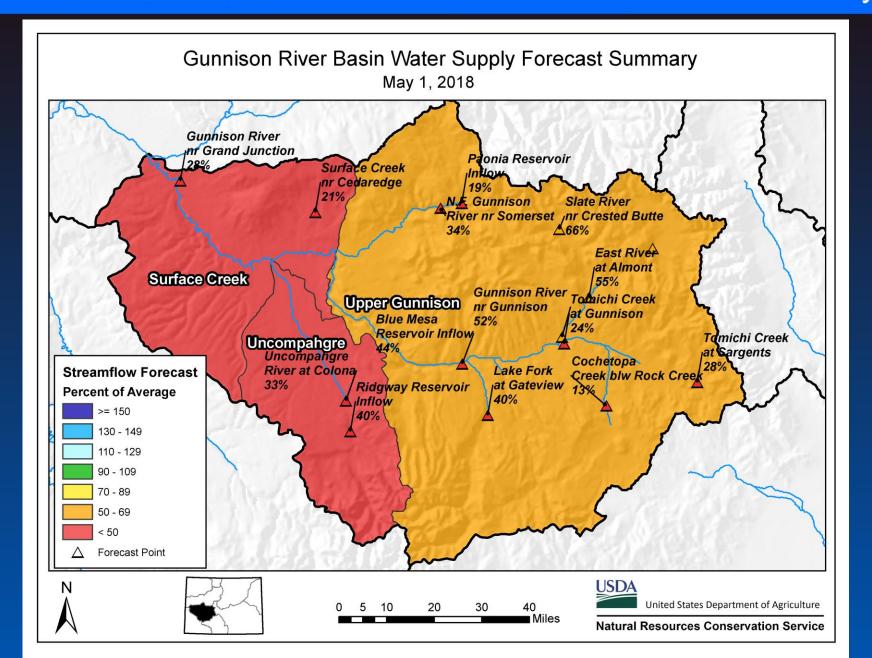




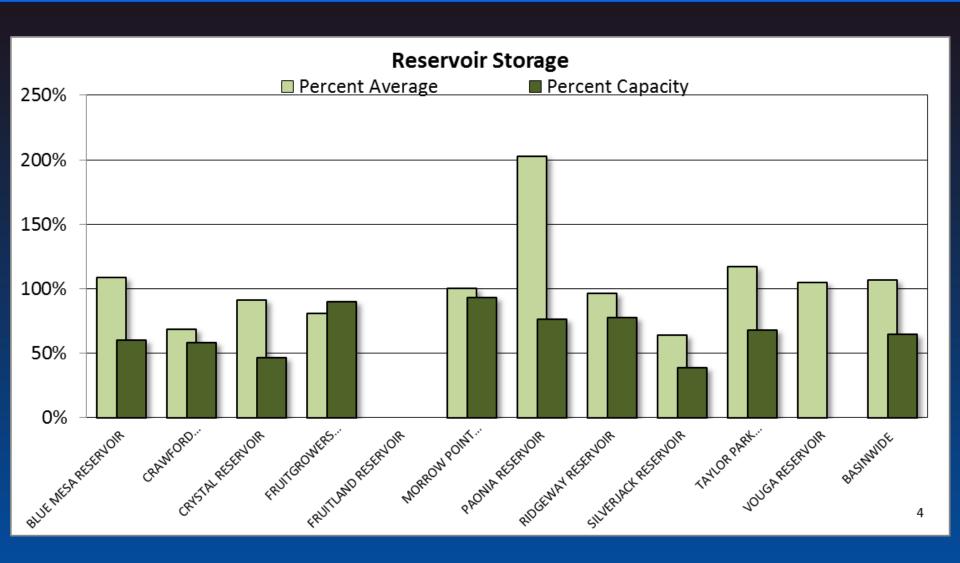






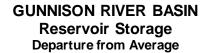


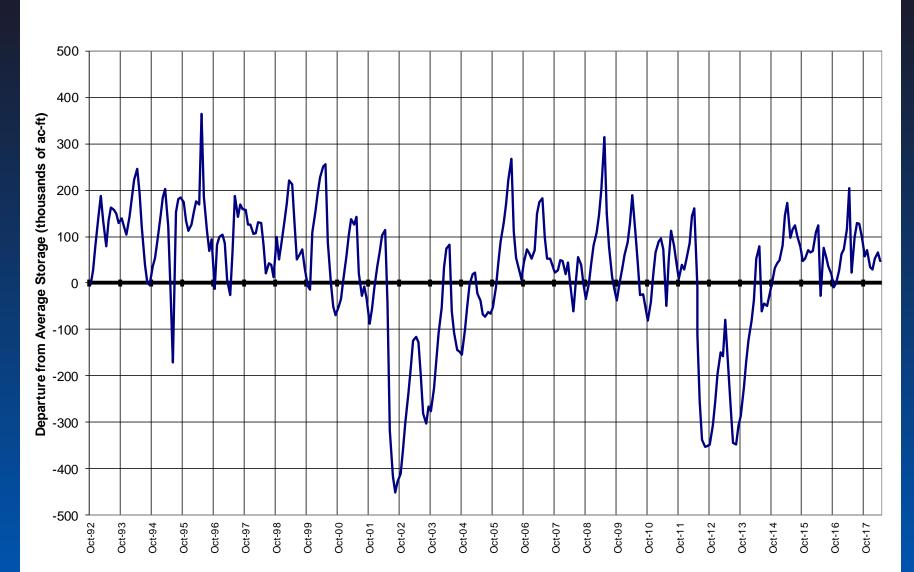






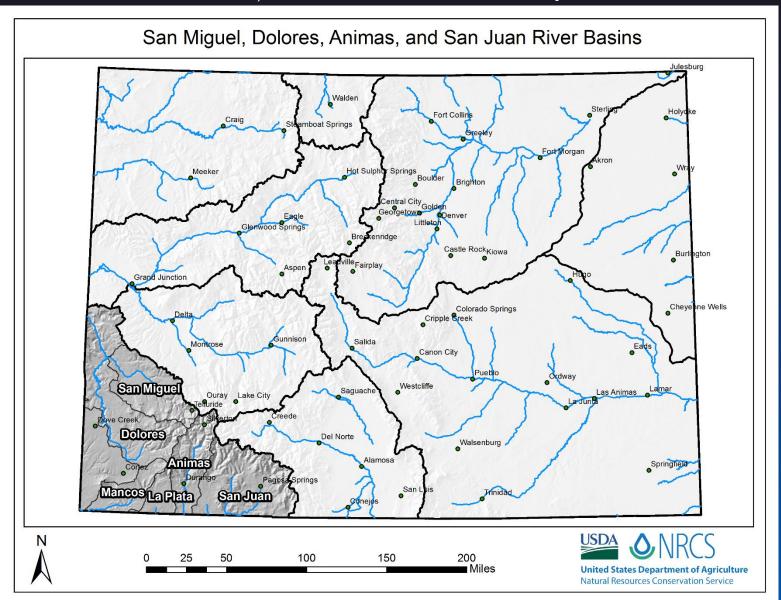






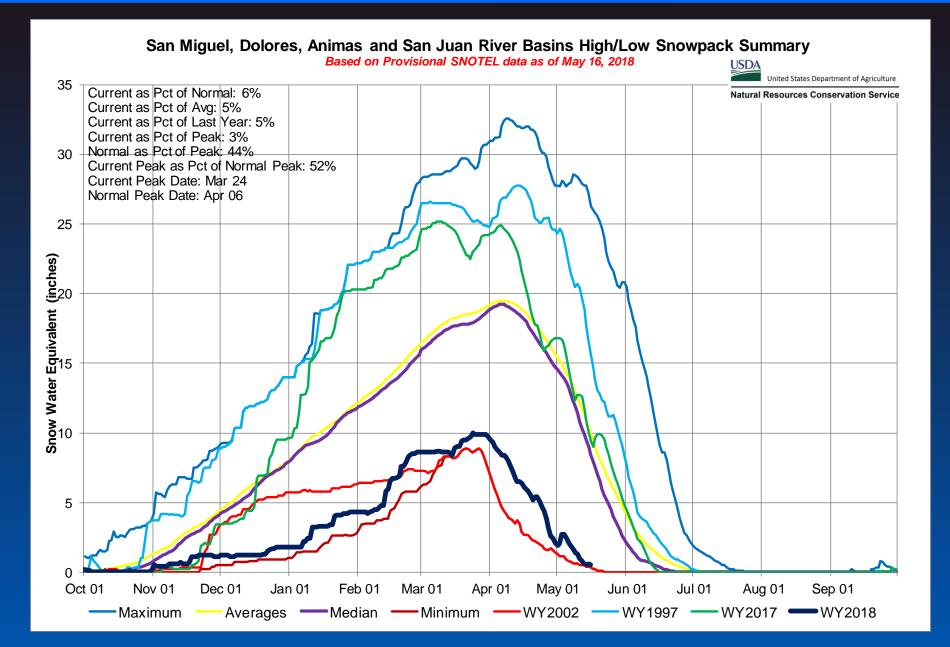




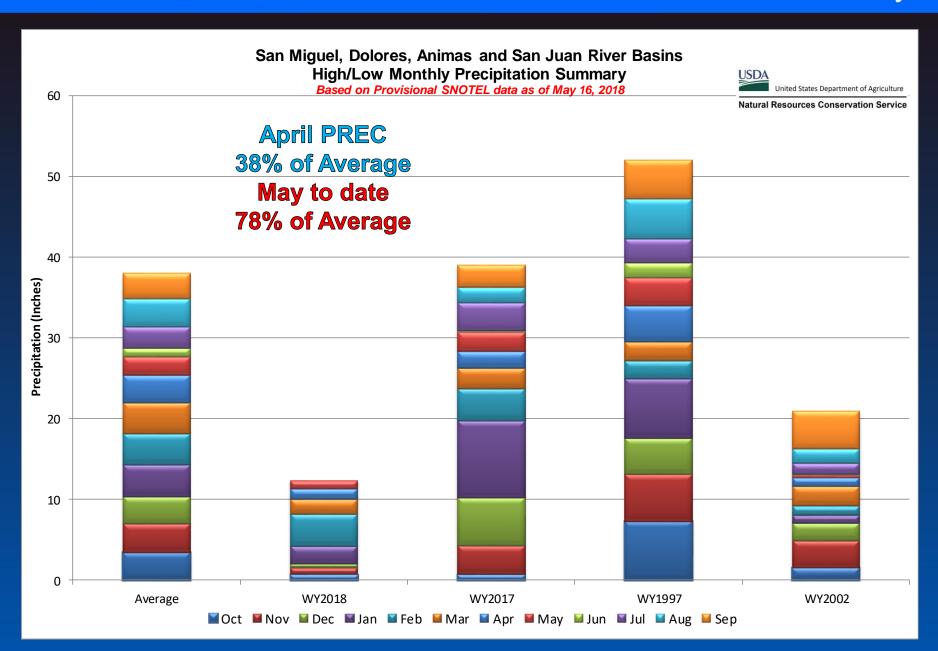






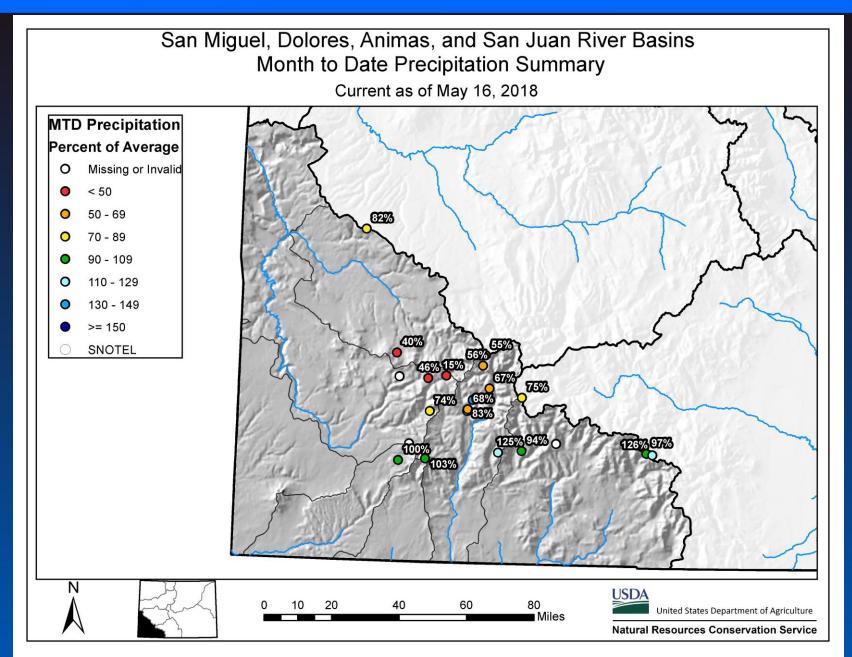




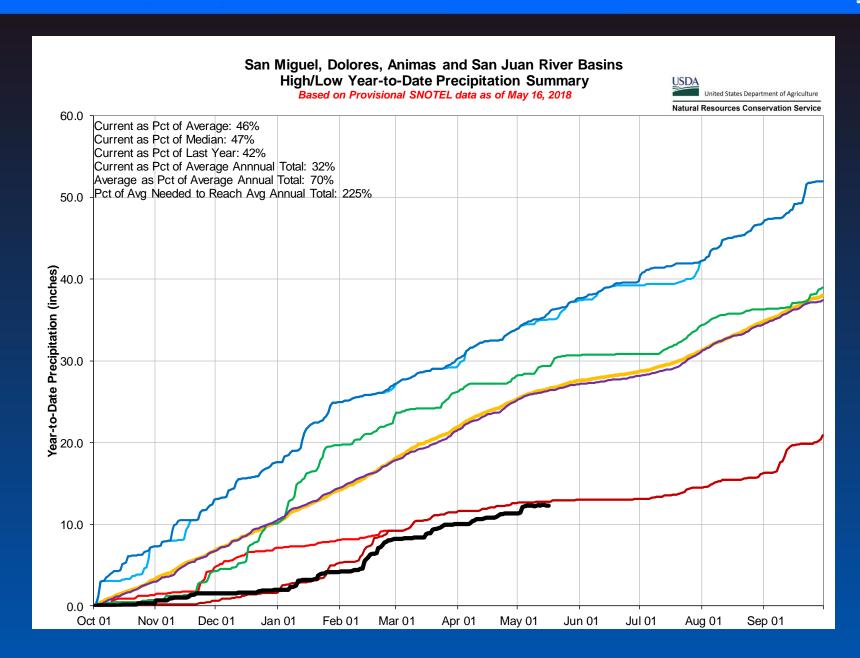






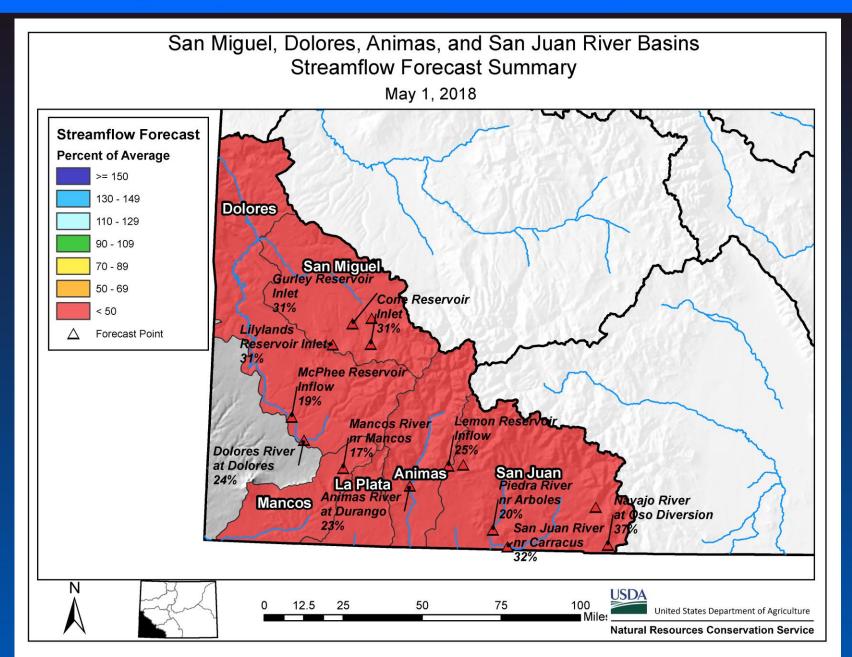




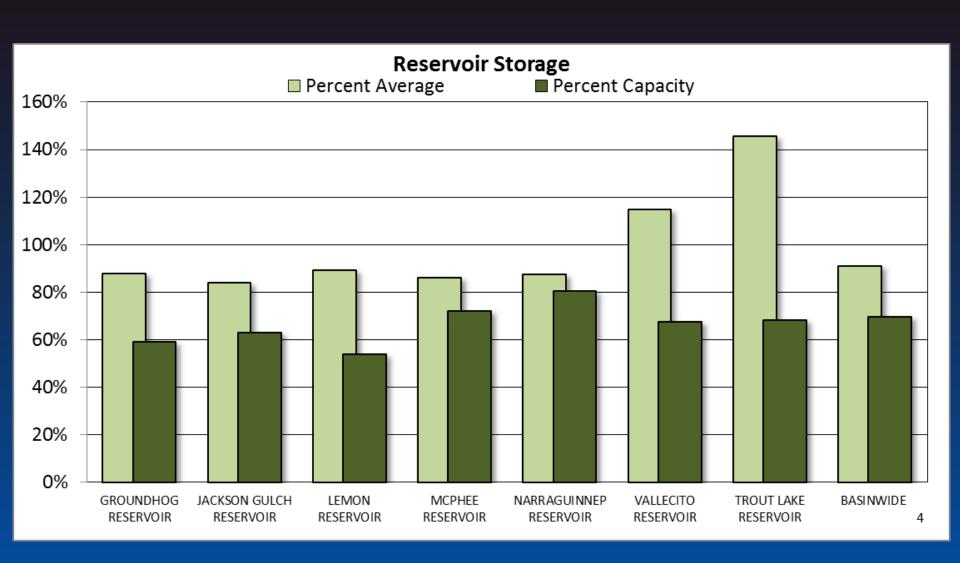








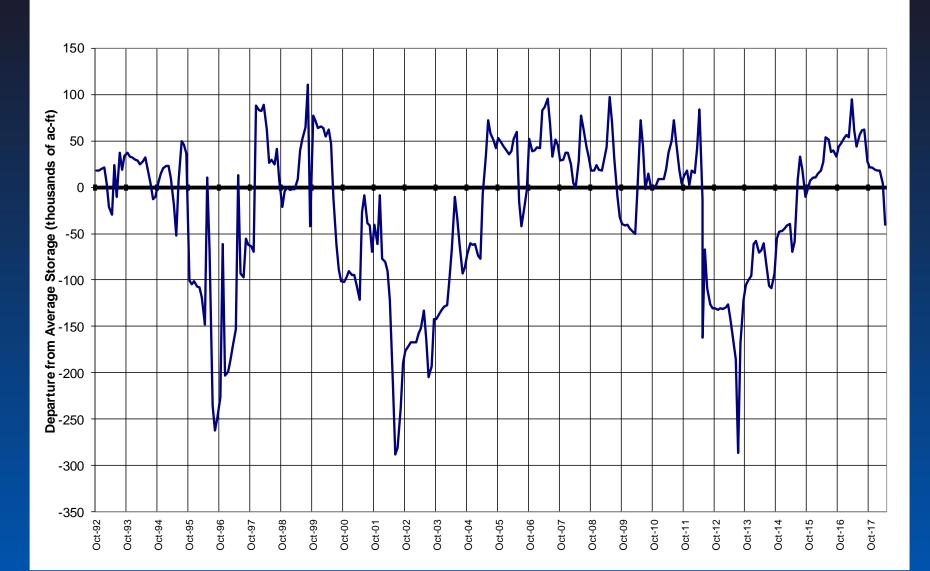






## USDA

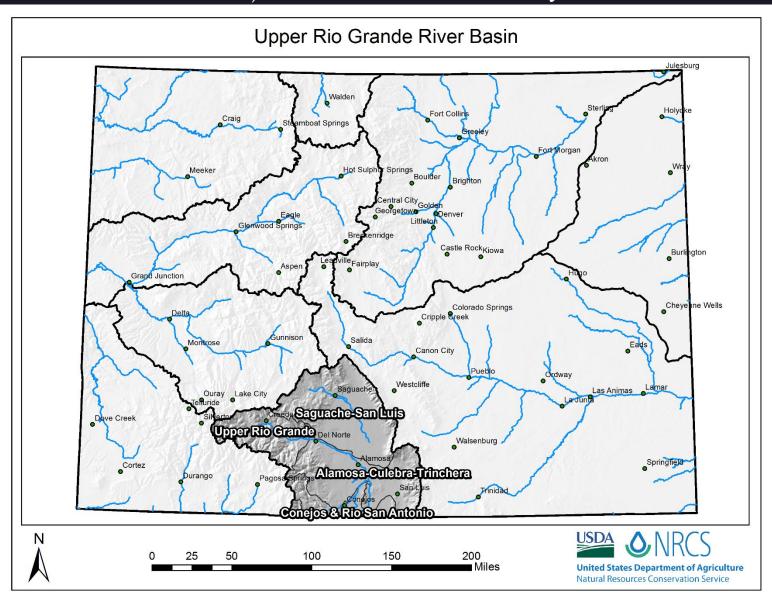
## SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS Reservoir Storage Departure from Average



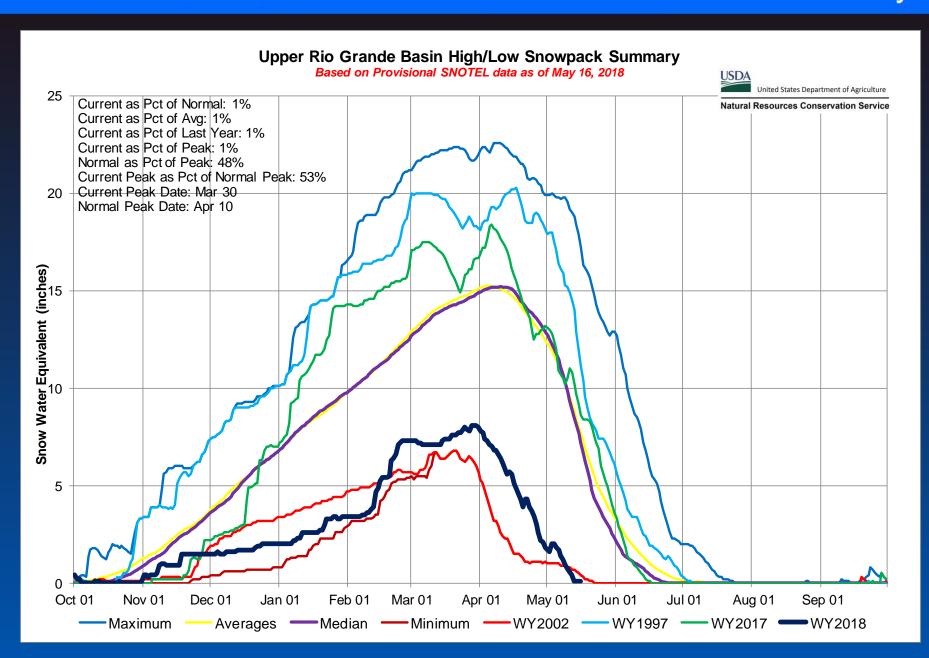




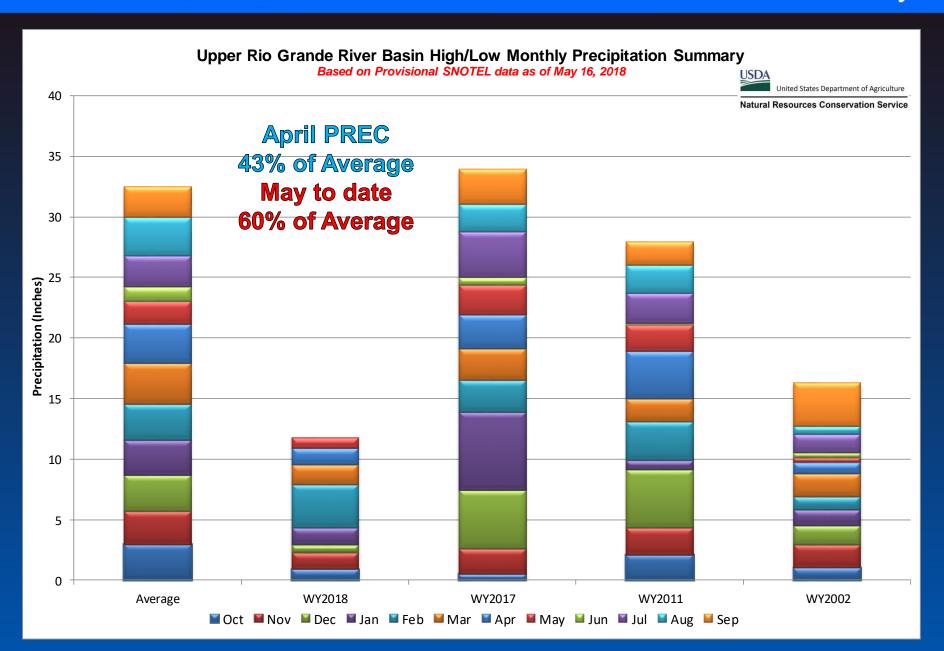
## Major Basin Summary



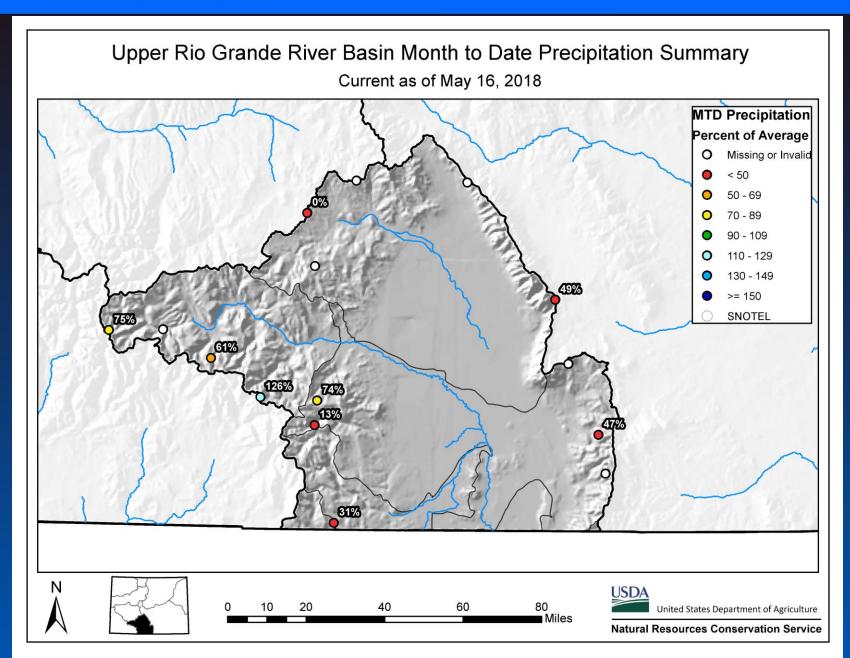




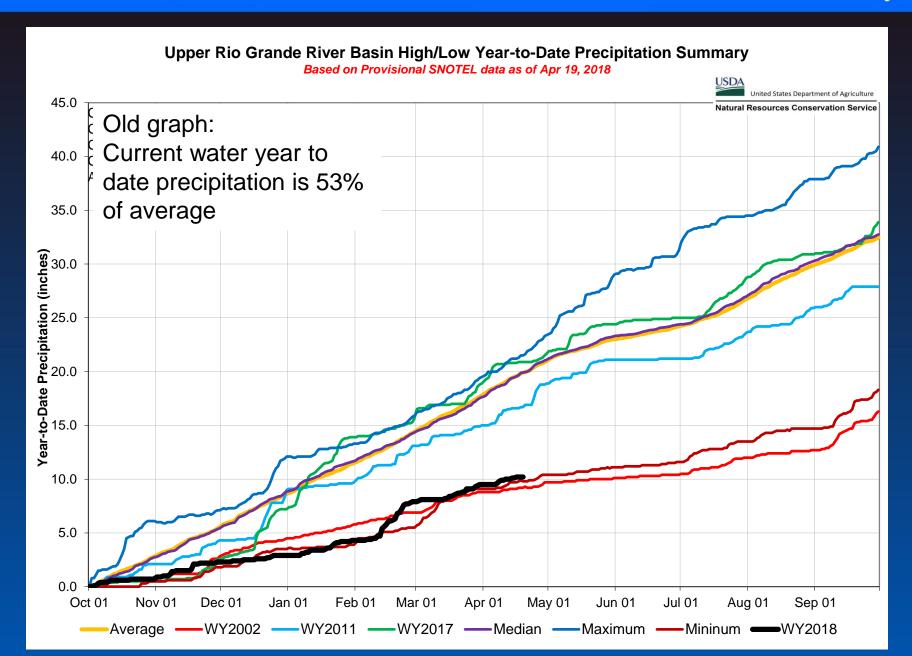






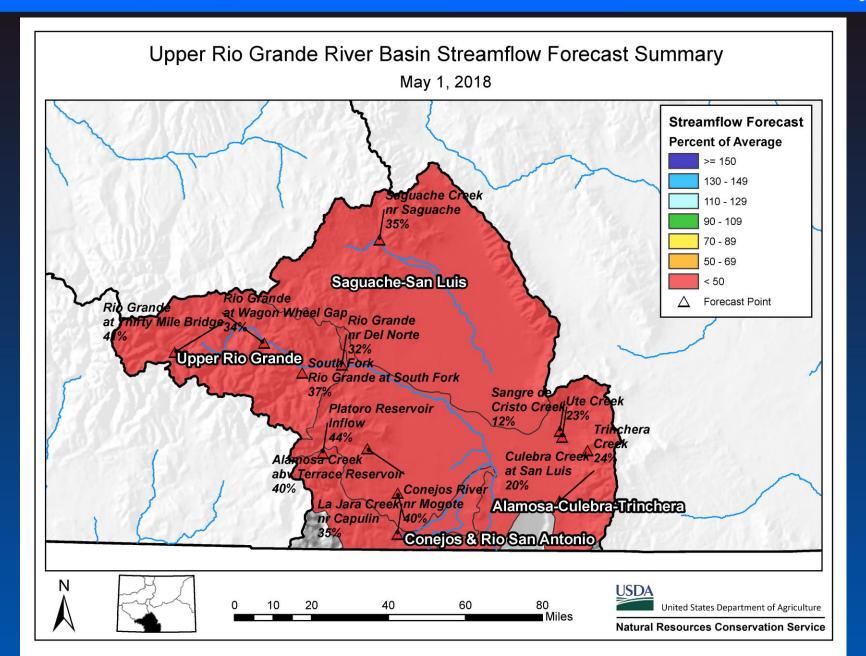






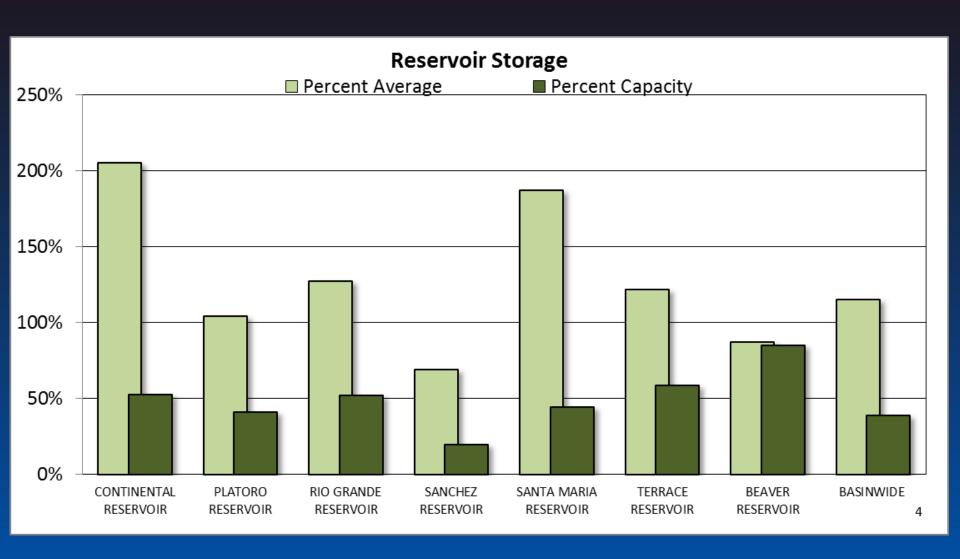








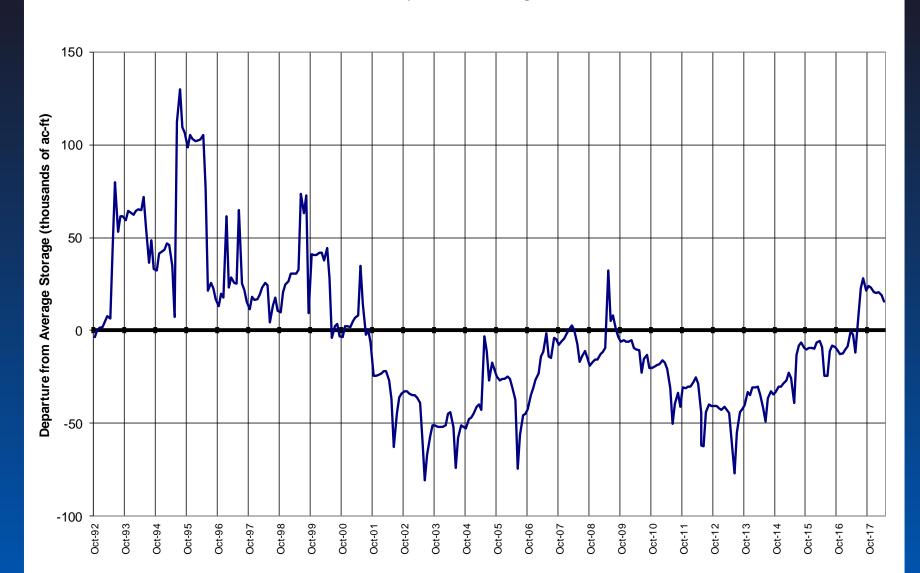






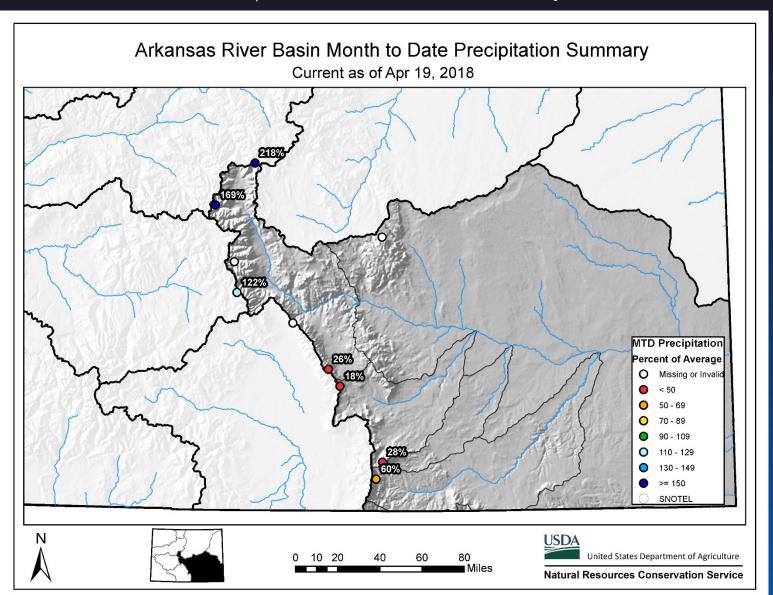






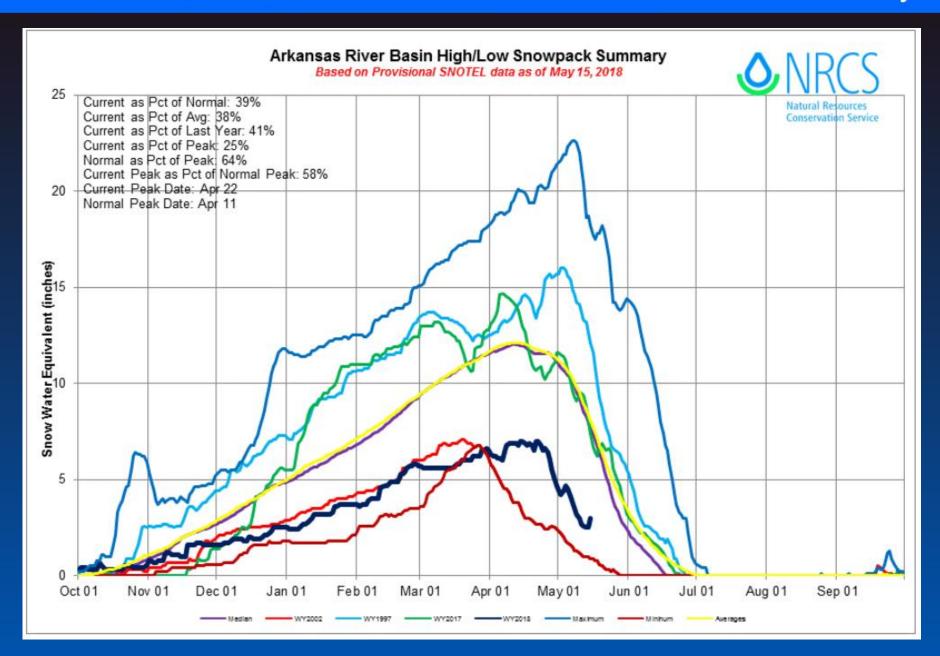


## Major Basin Summary

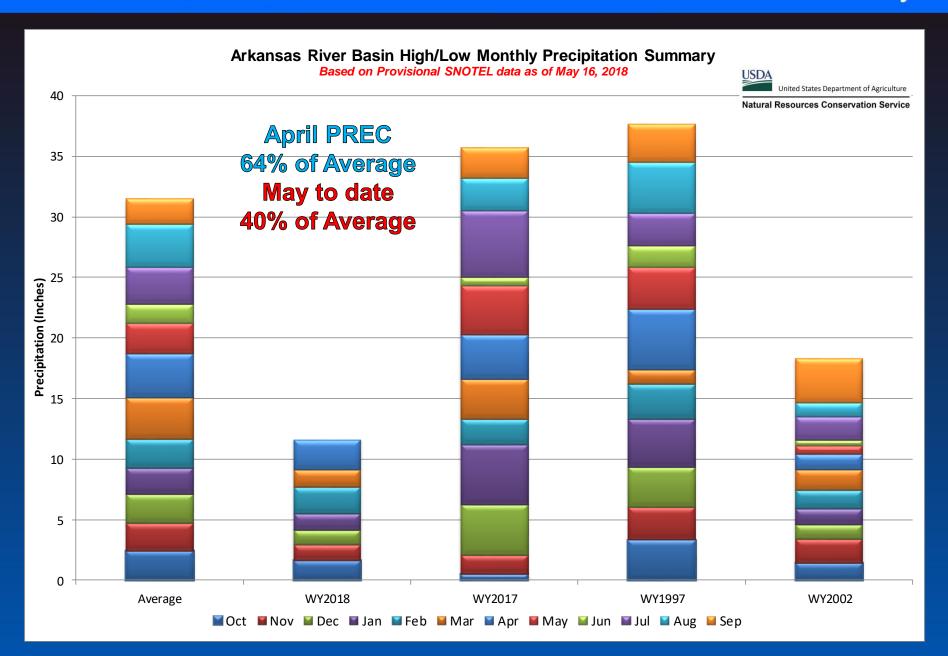




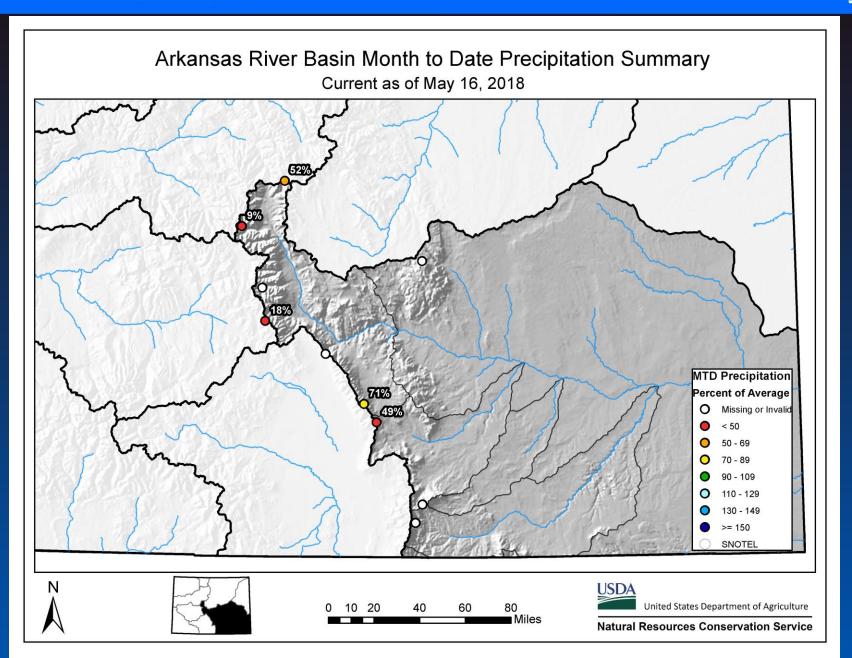






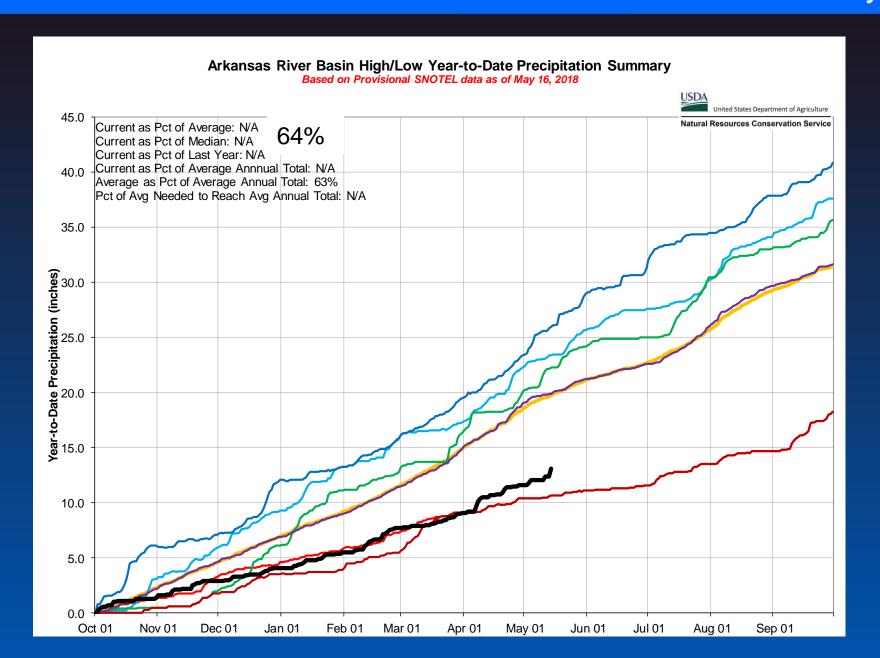






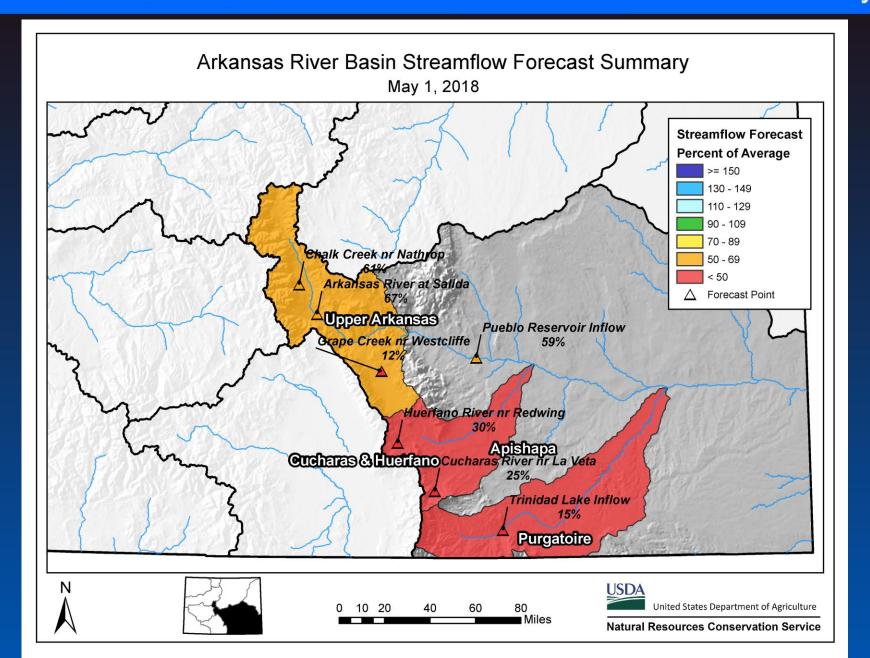






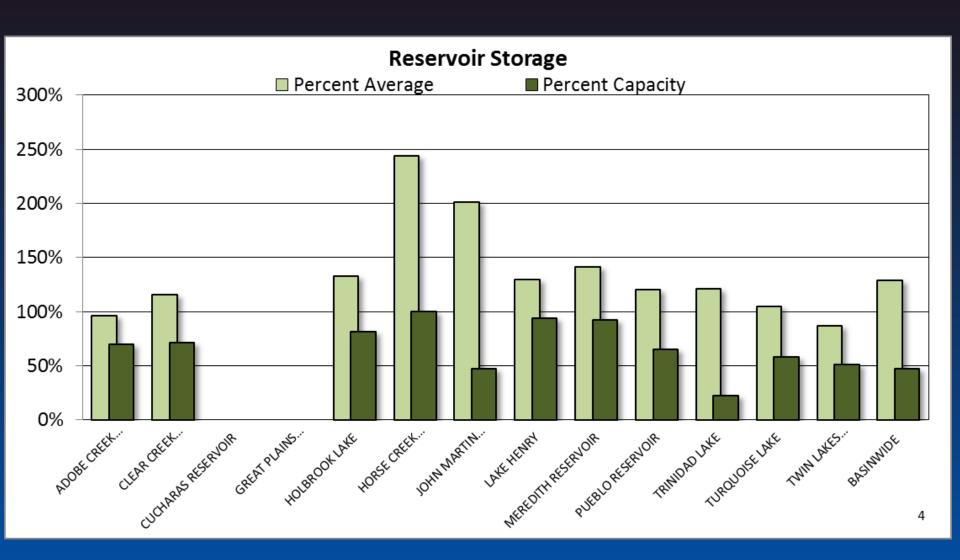






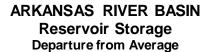


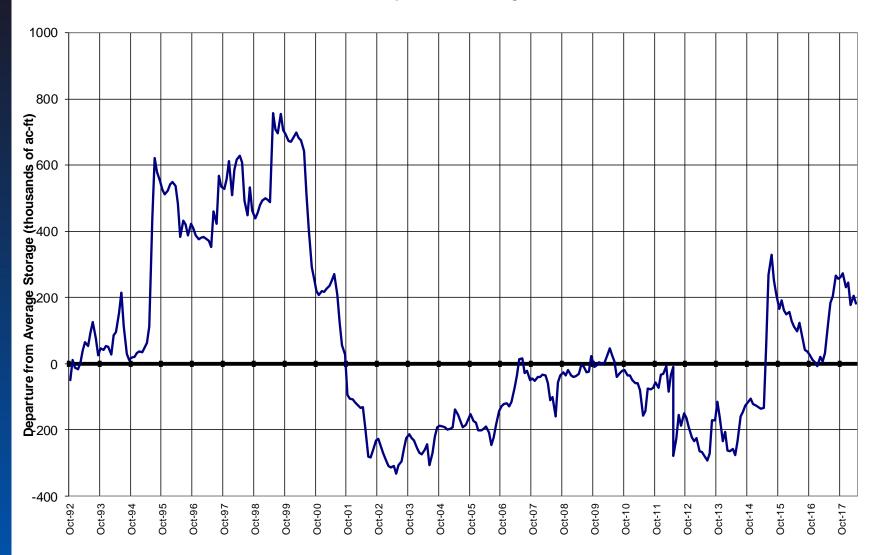






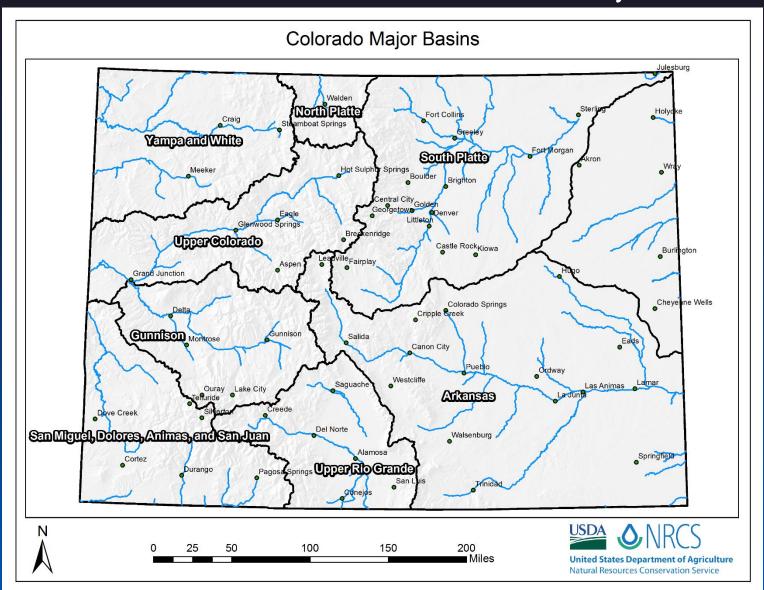
## USDA



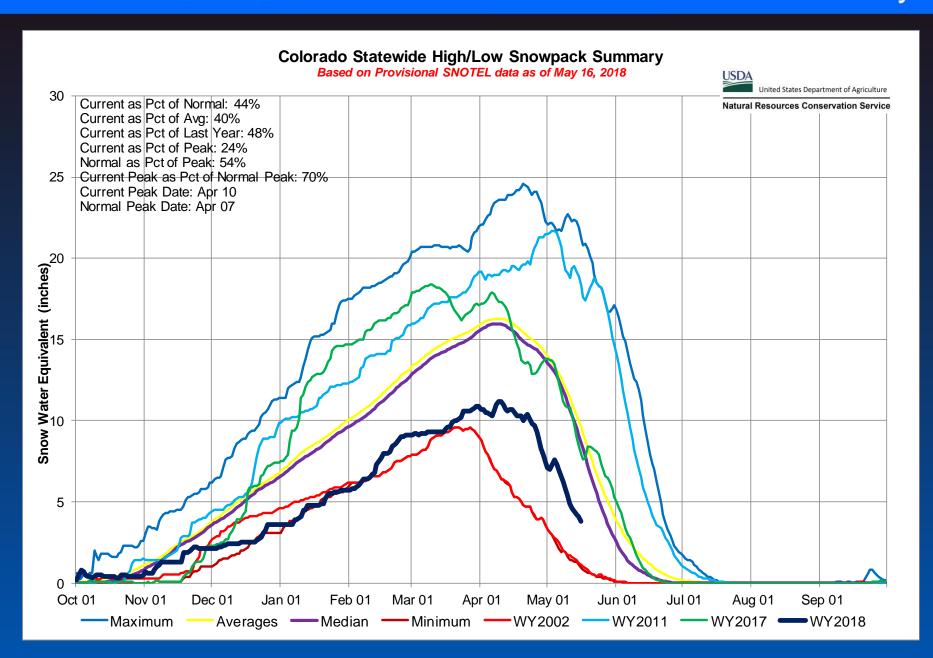




## Colorado Statewide Summary

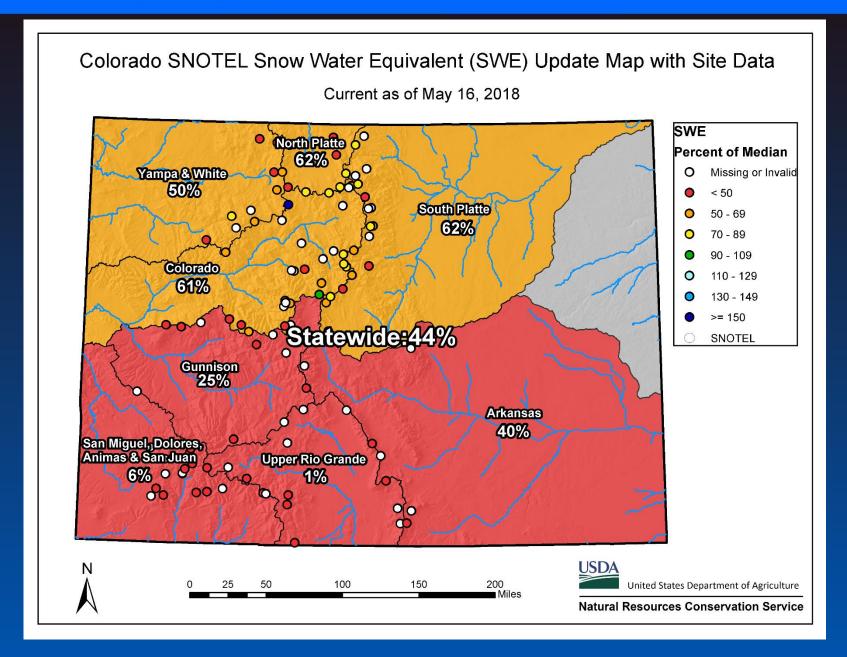




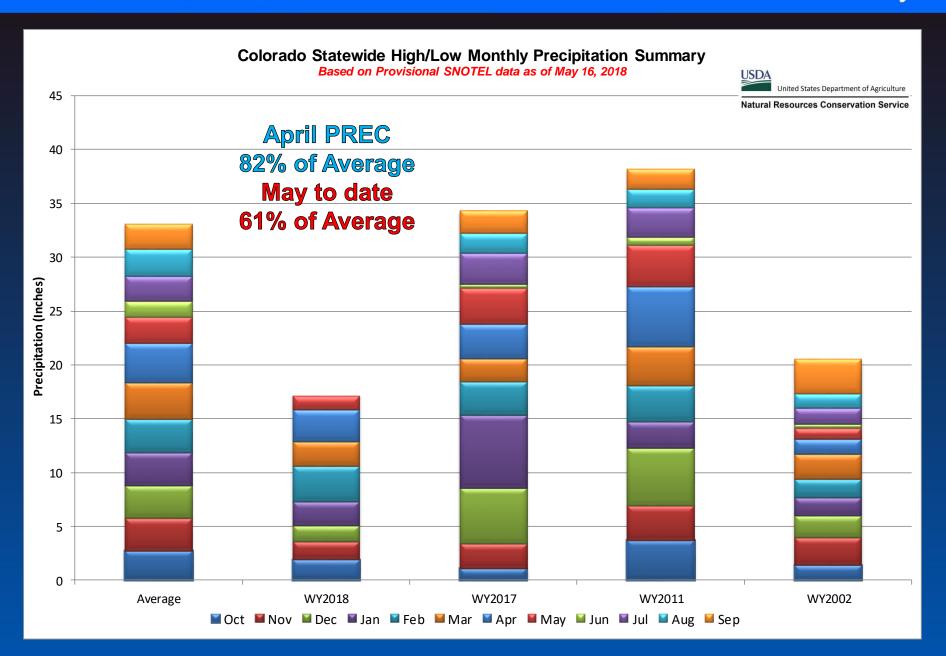




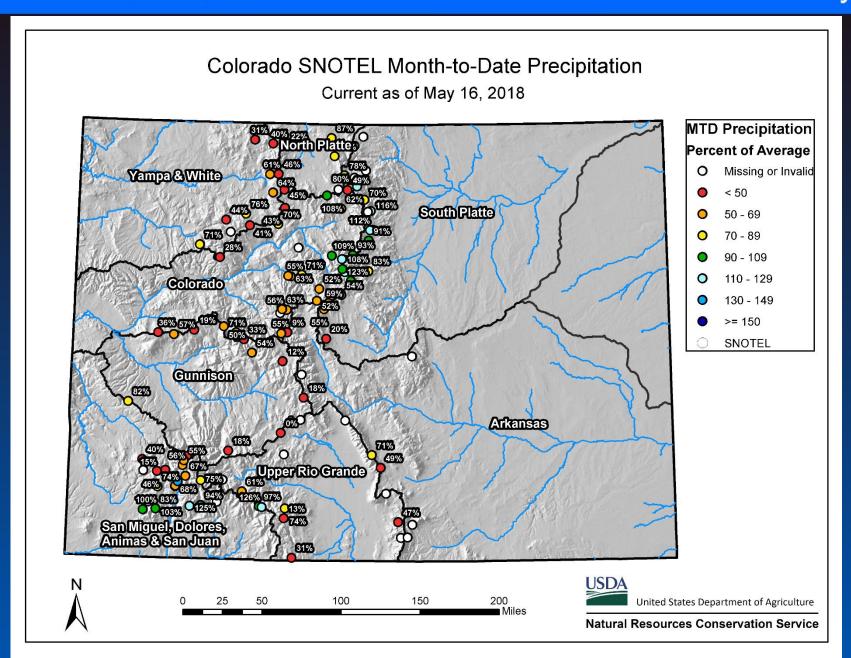






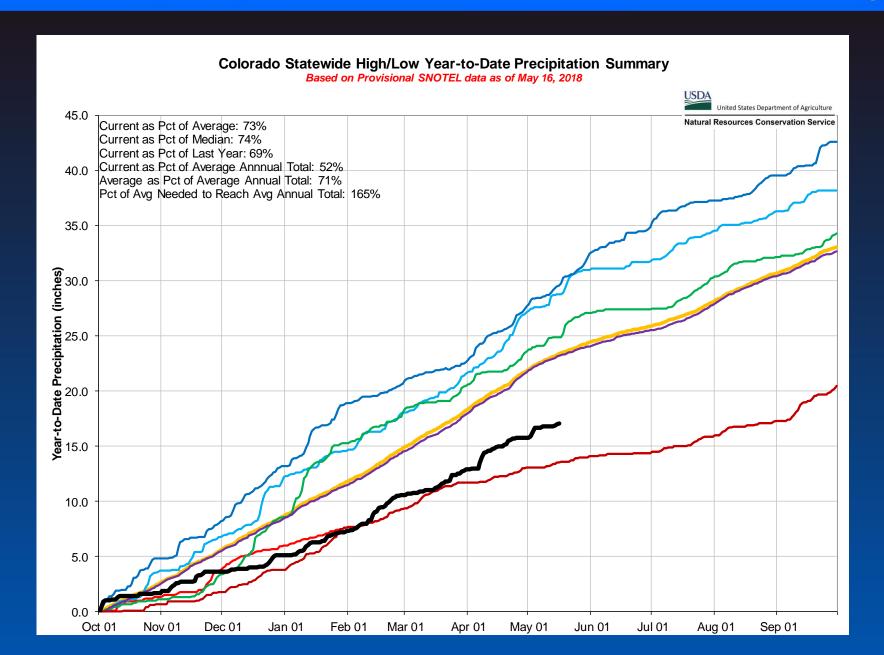




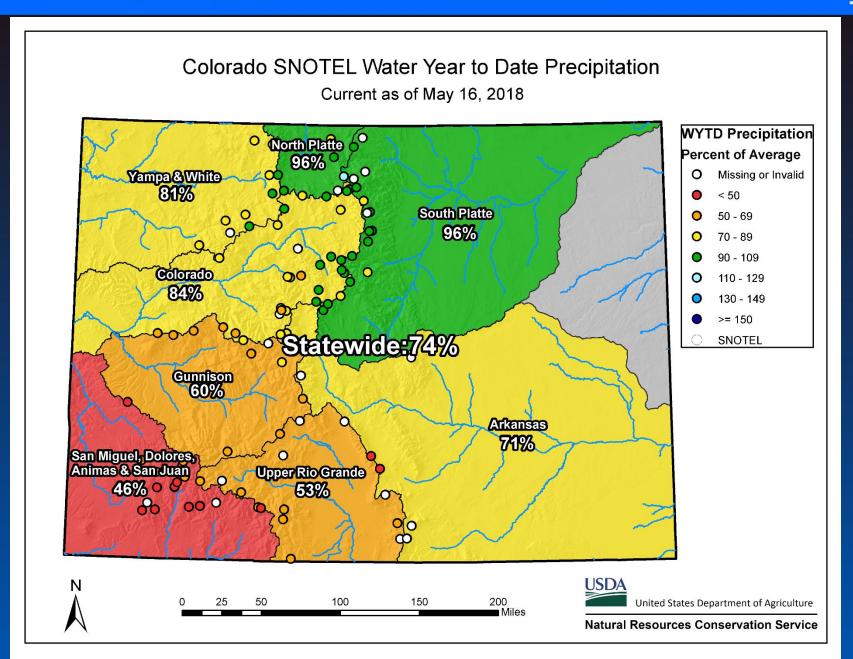




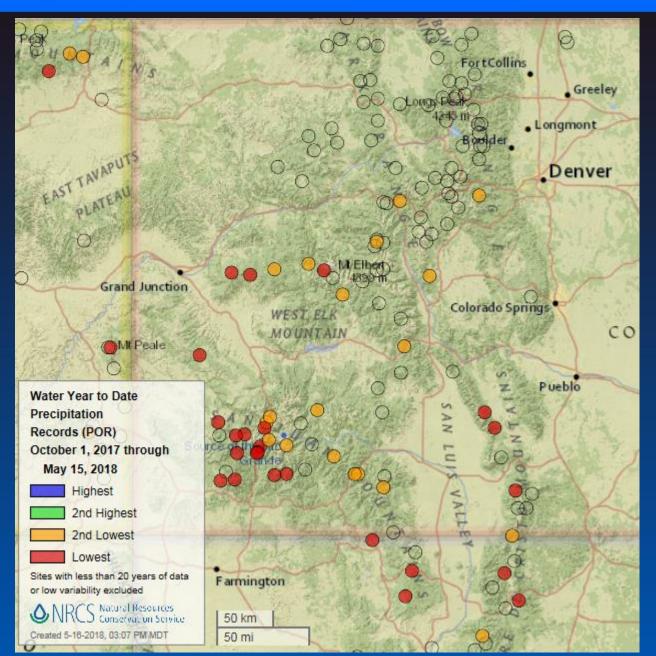






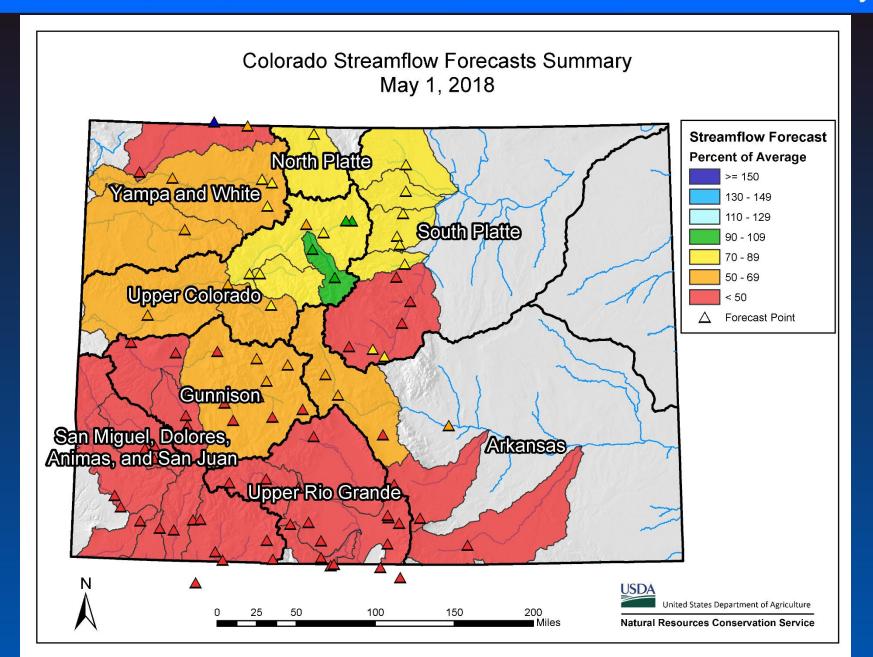






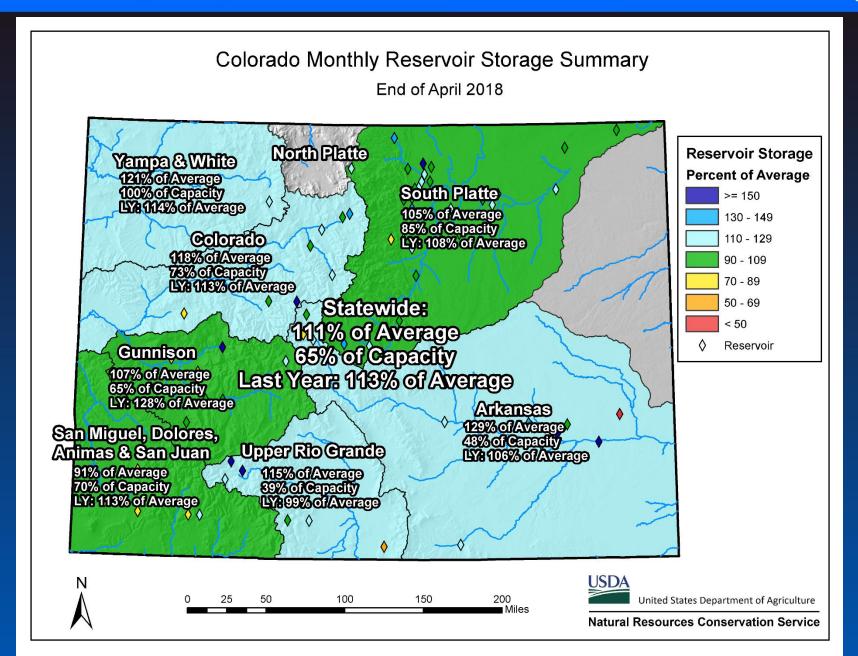






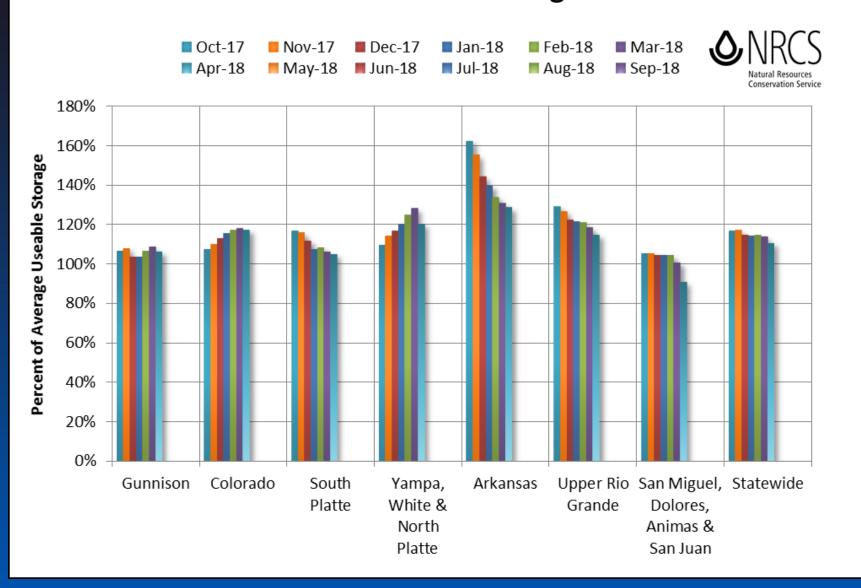








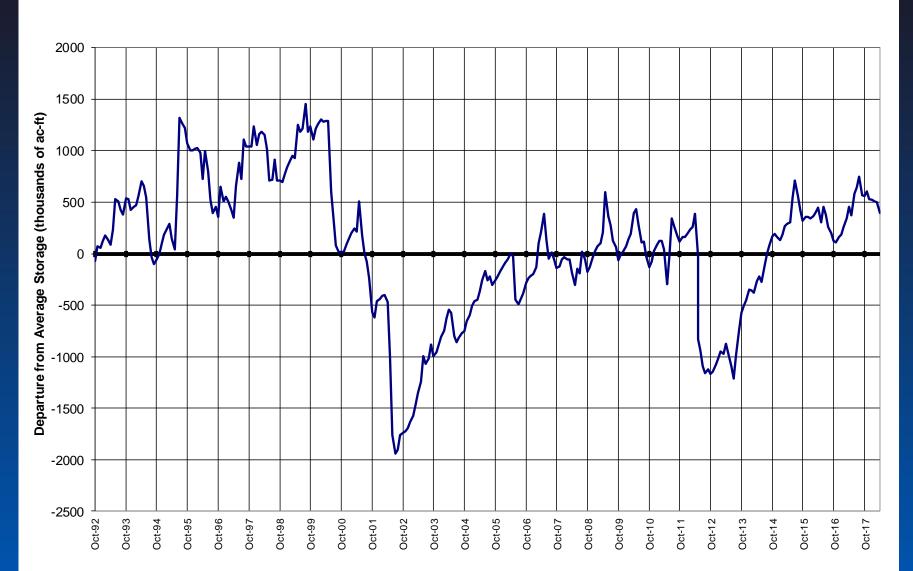
#### **Colorado Reservoir Storage**



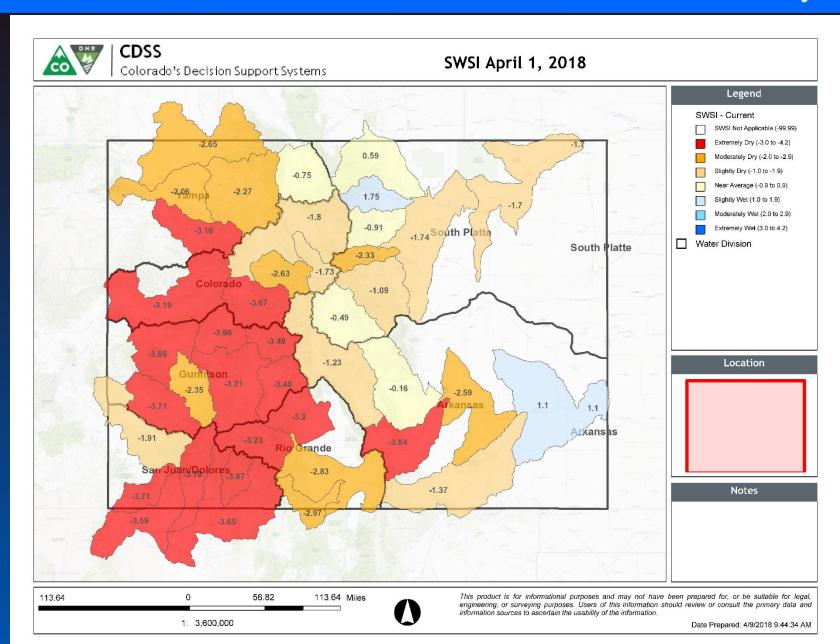


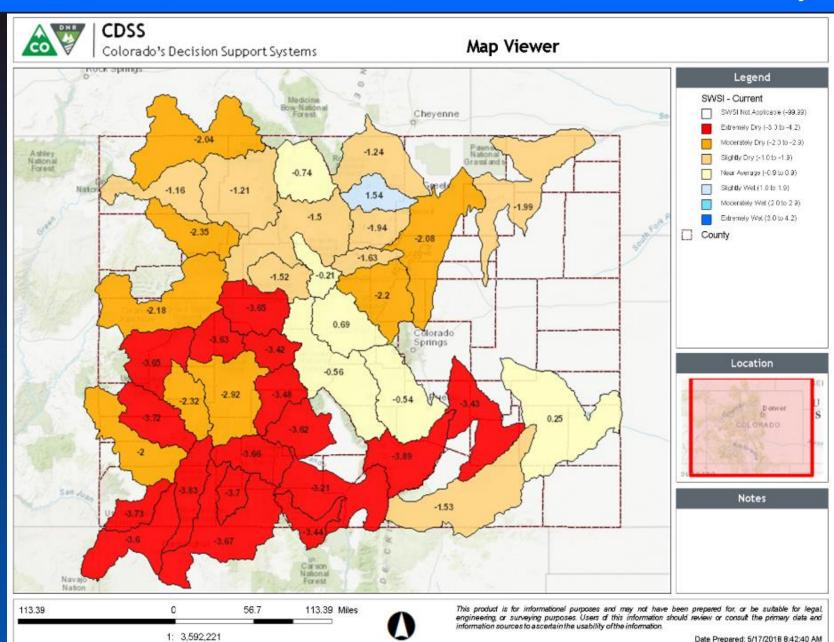














## Summary

- •Statewide snowpack is 44% of normal
  - Northern Colorado reached near 90 percent of normal peak
  - Southern Colorado reached around 50 percent of normal peak and is melting out about three weeks earlier than usual
- •Precipitation trends have continued over the last month with the southern half of the state receiving notably less than the north
- •Most SNOTEL sites in southern Colorado are recording record low or near record low water year precipitation values
- •Streamflow forecasts are all below average
  - Closer to normal in Northern basins
  - Well below normal in Southern basins- none above 40 percent of average for the San Juan and Sangre de Cristo Mountains
- •Reservoir storage is still above average in all major basins except for one
- •Snowmelt is in full effect across the state with most SNOTEL sites in southern CO completely melted out

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## NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

Hydrologist

**Asst. Snow Survey Supervisor** 

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