Water Availability Task Force Meeting January 18th, 2018

NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

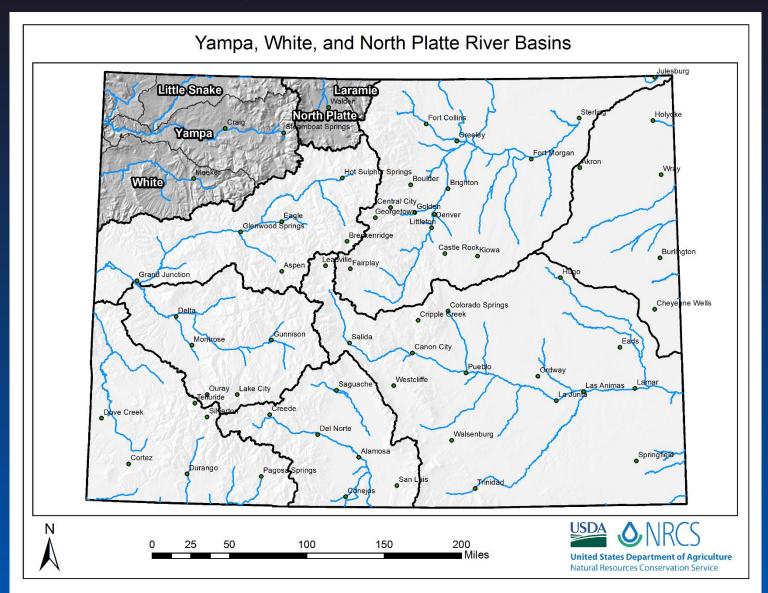
Hydrologist

Asst. Snow Survey Supervisor

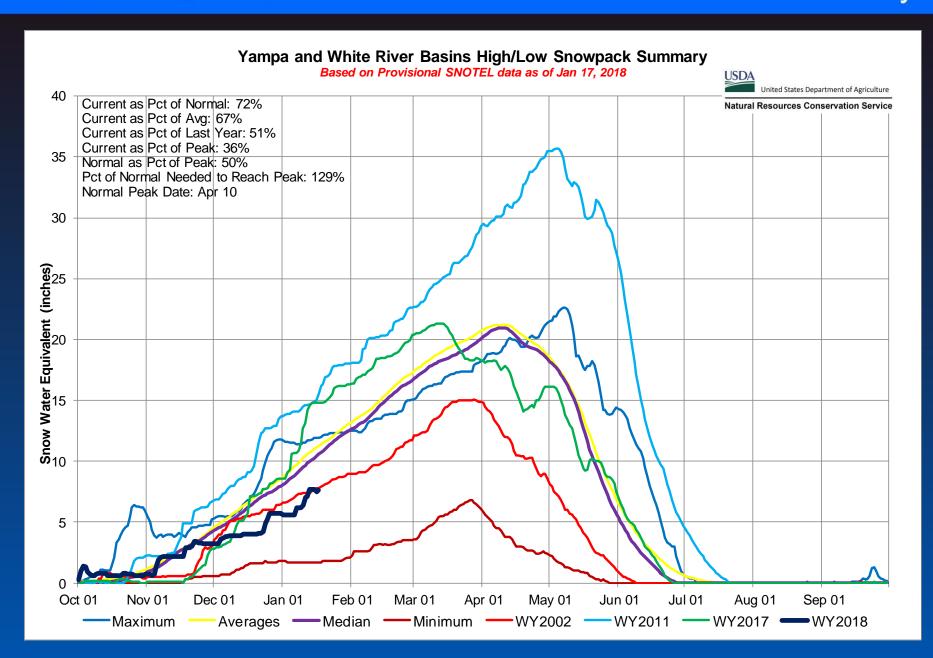
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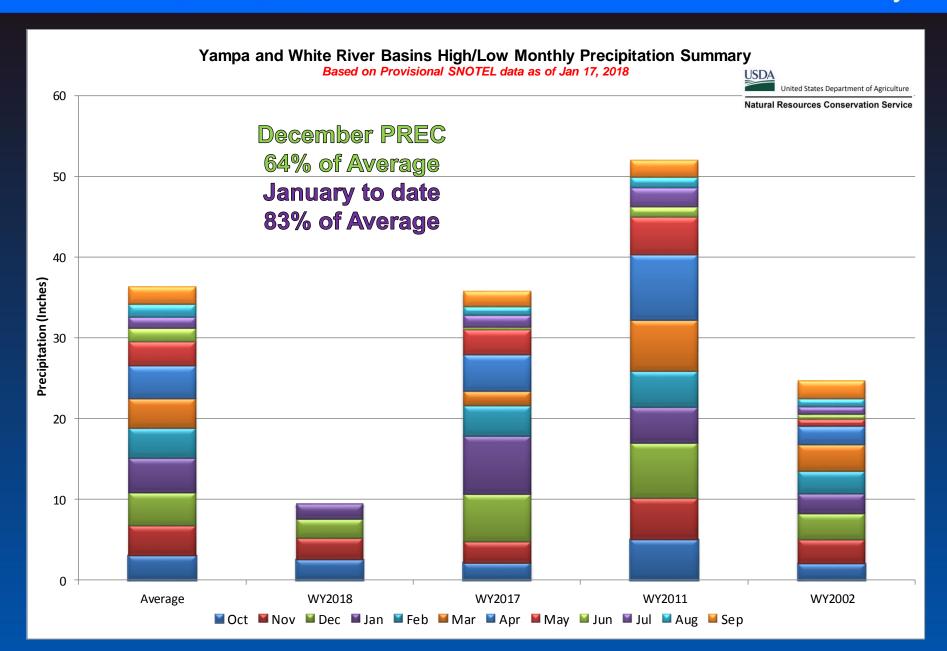






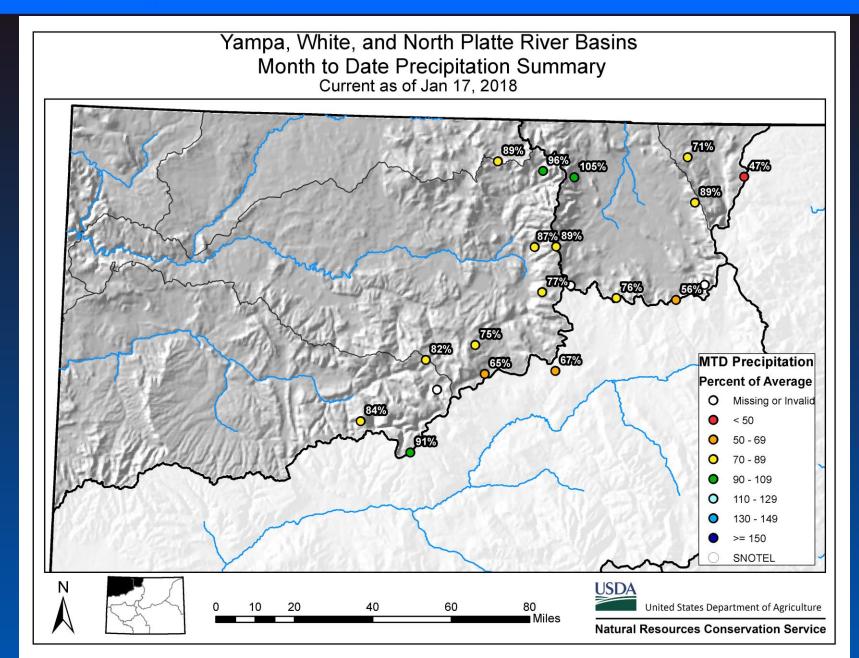




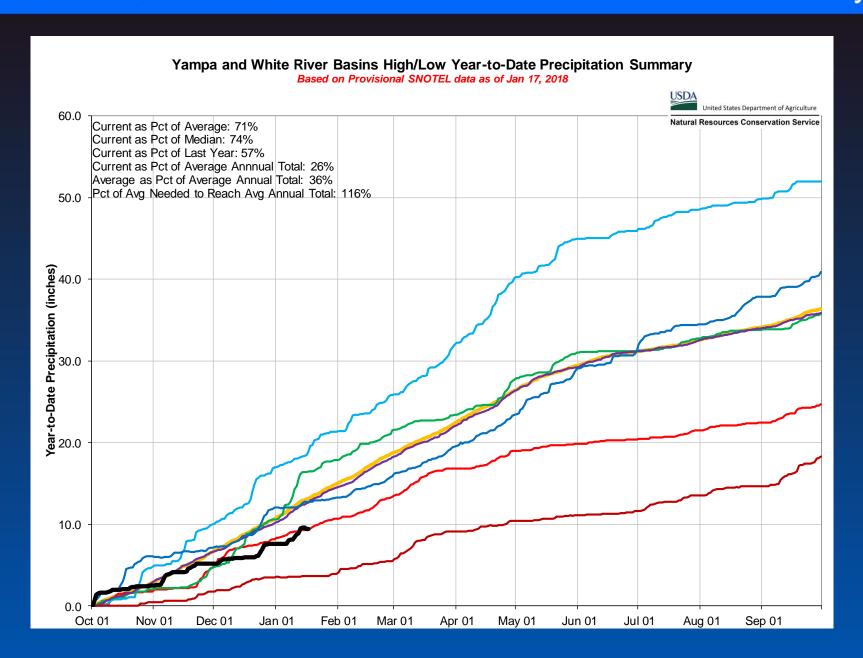






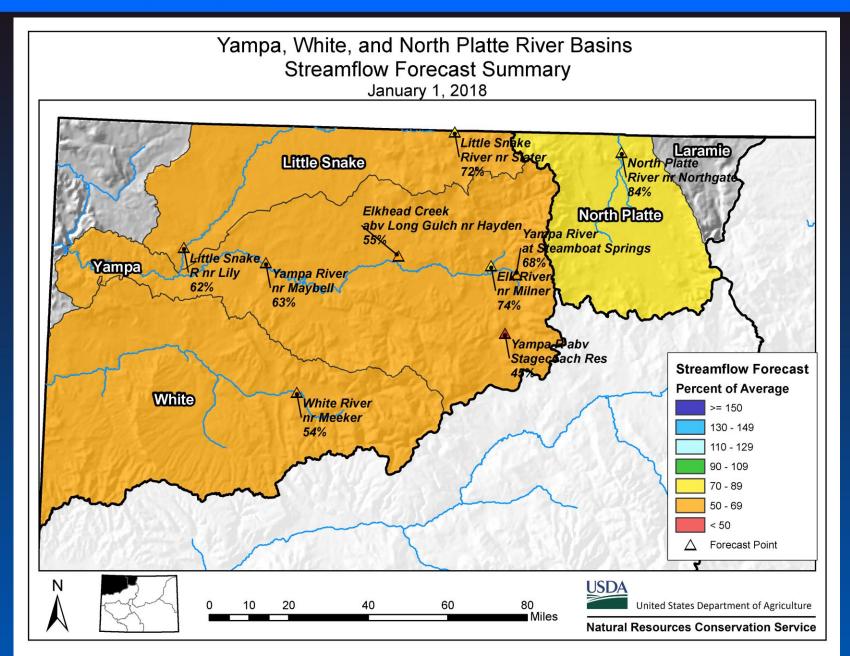






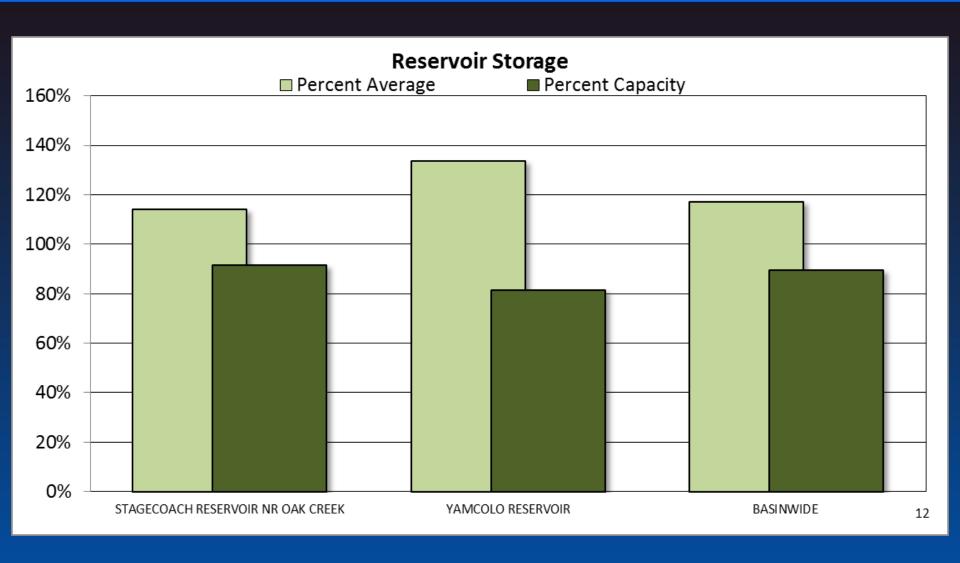




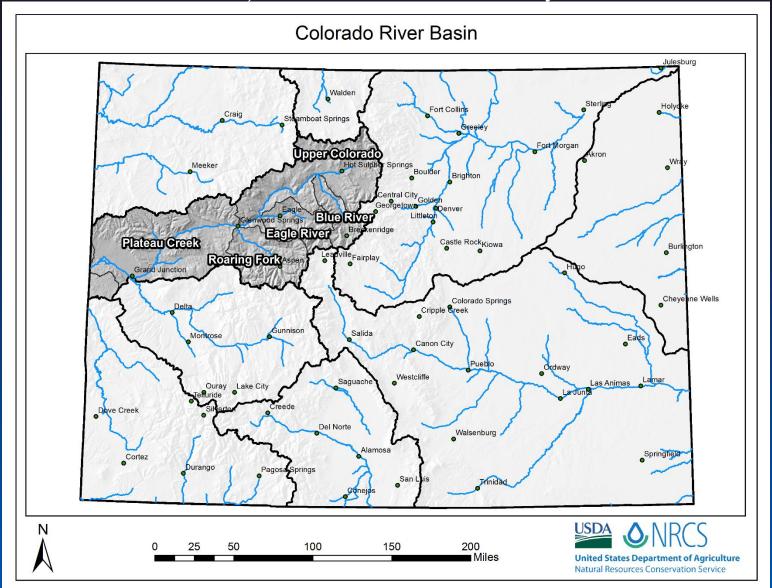




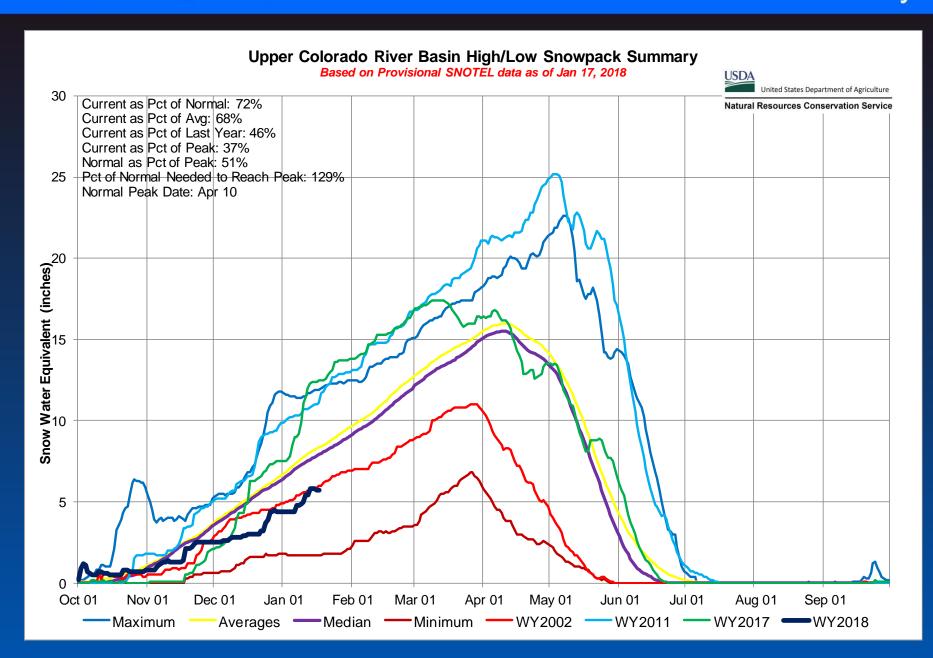




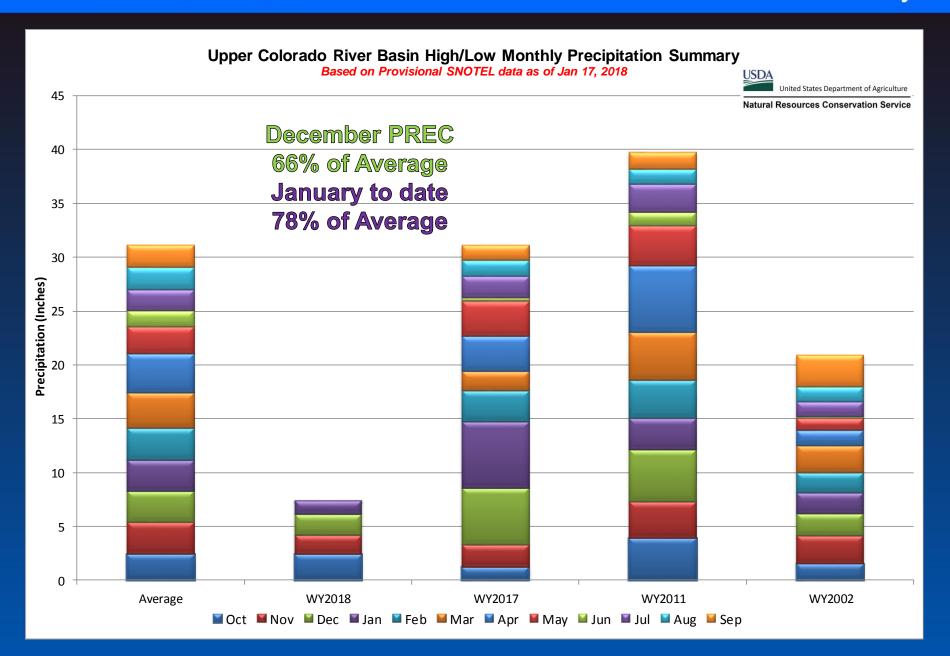






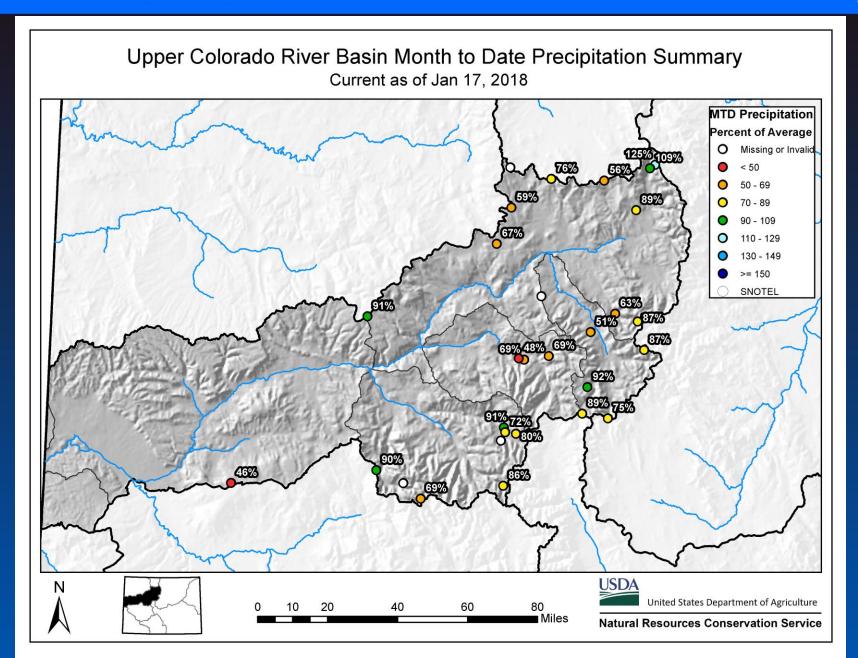




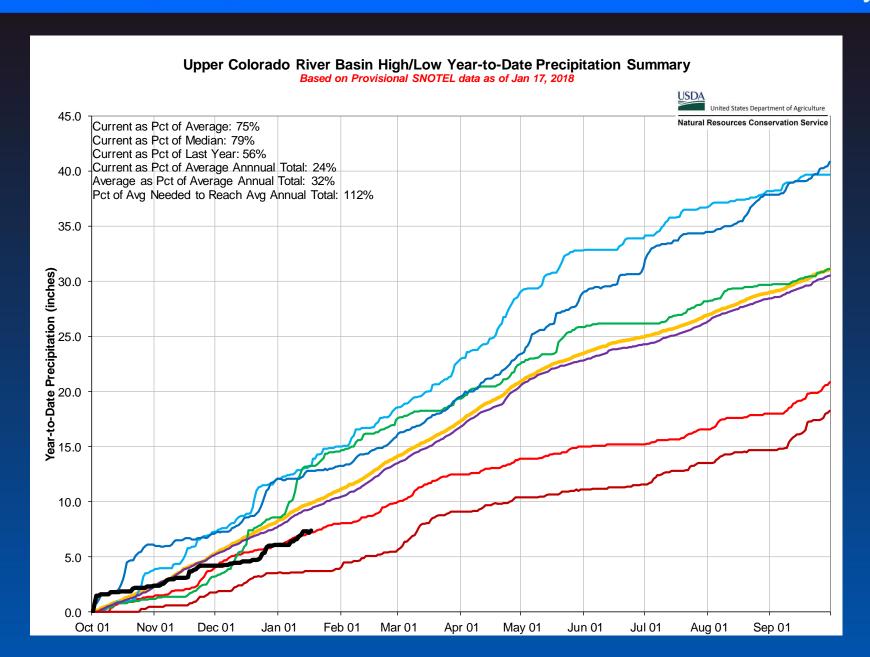






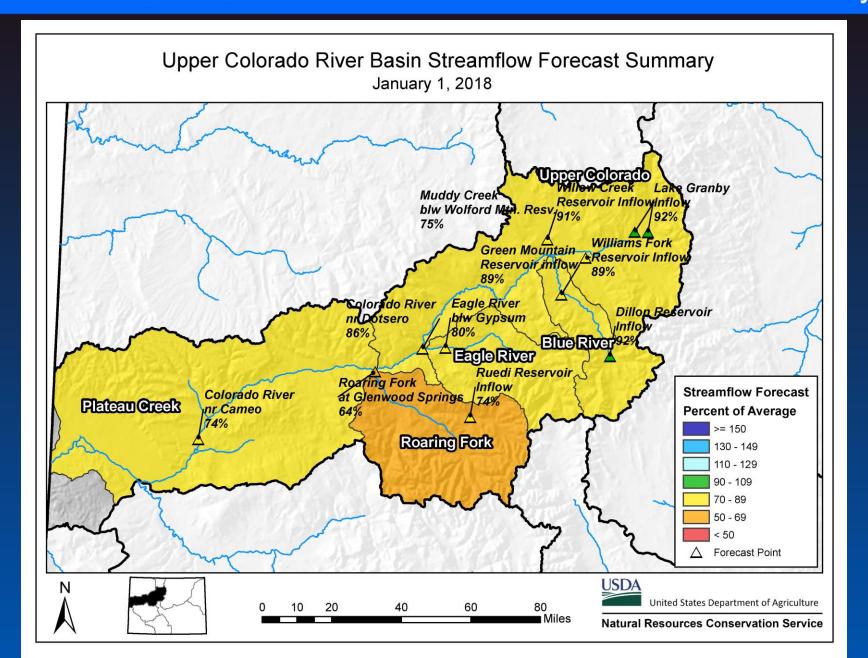




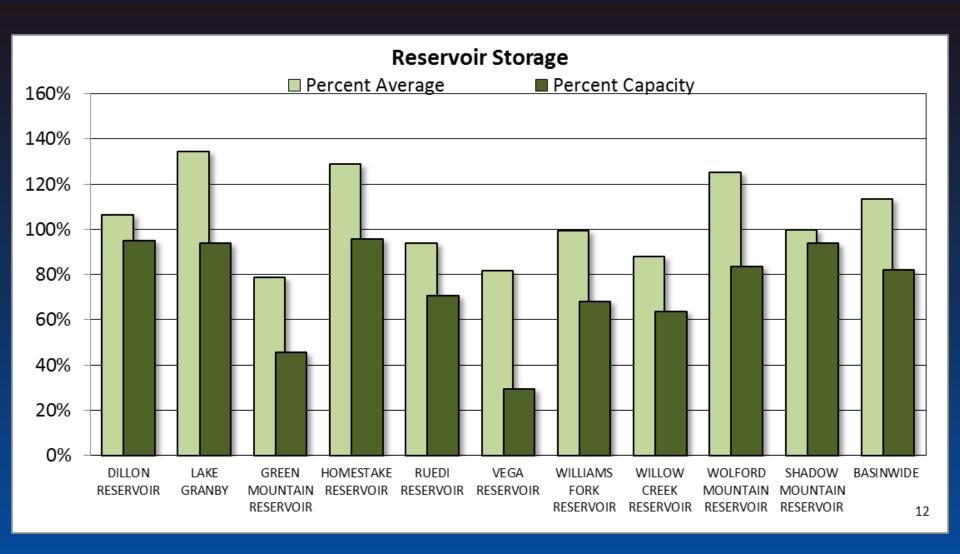








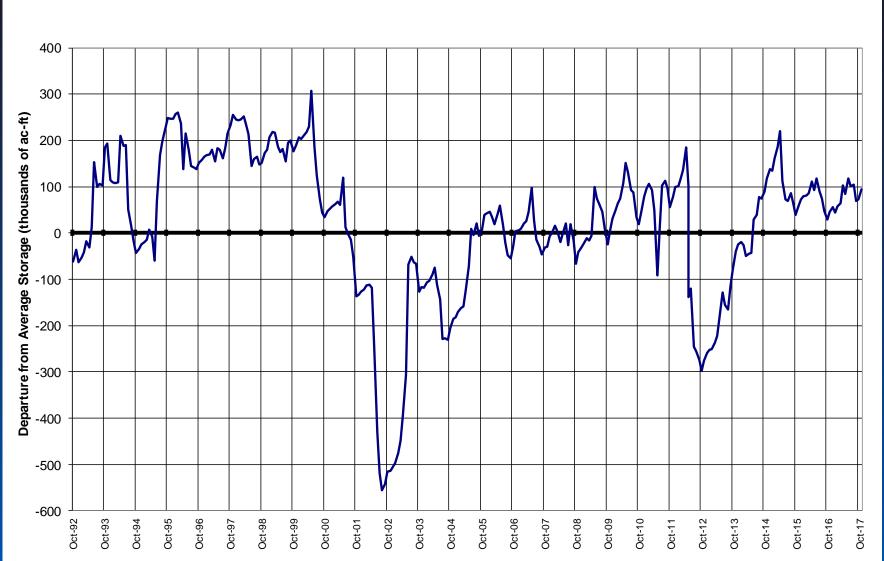




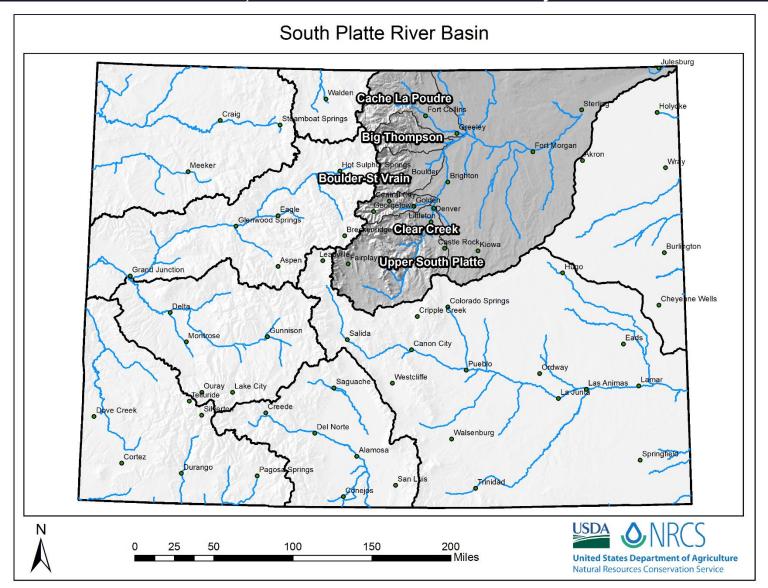




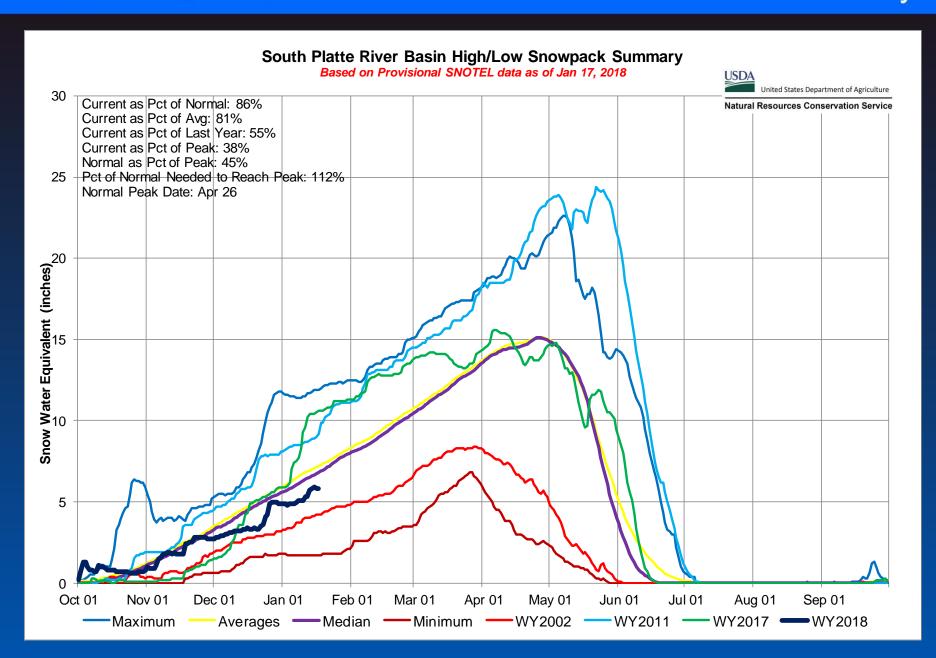




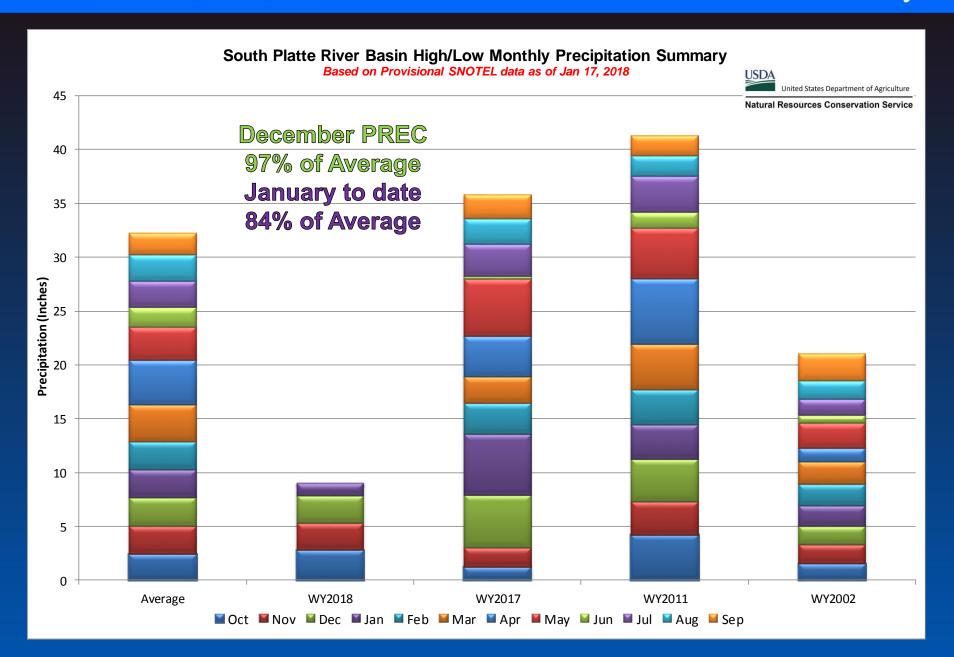






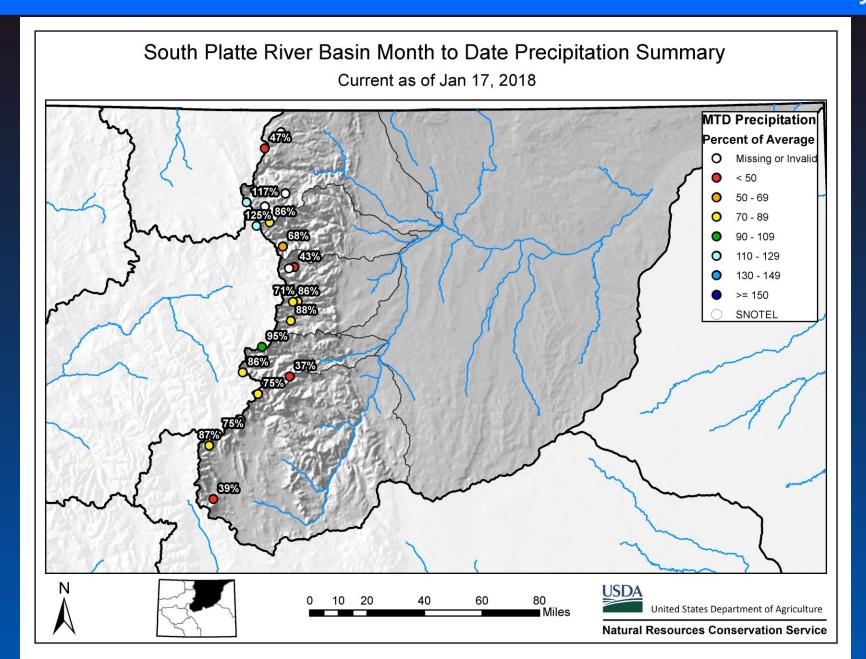




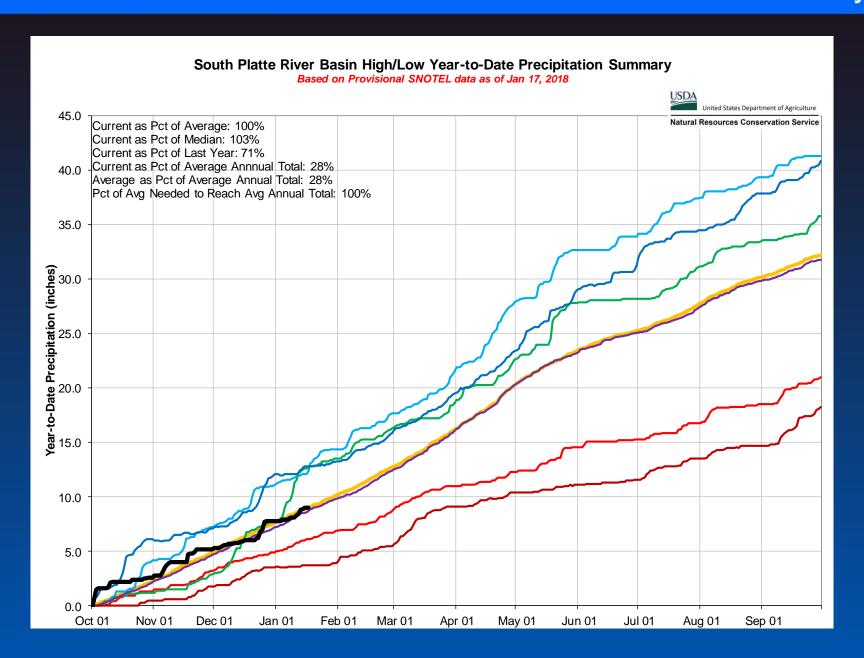






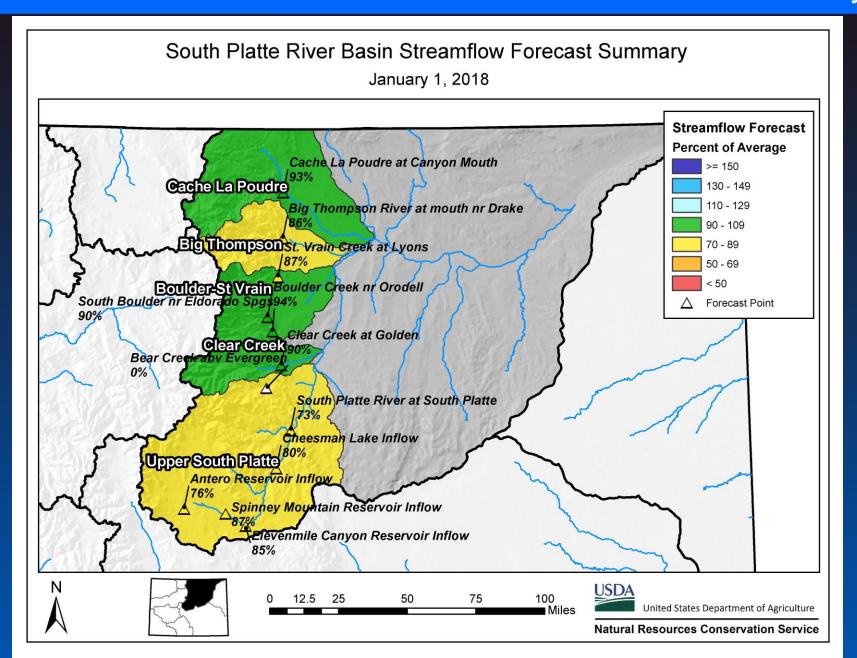




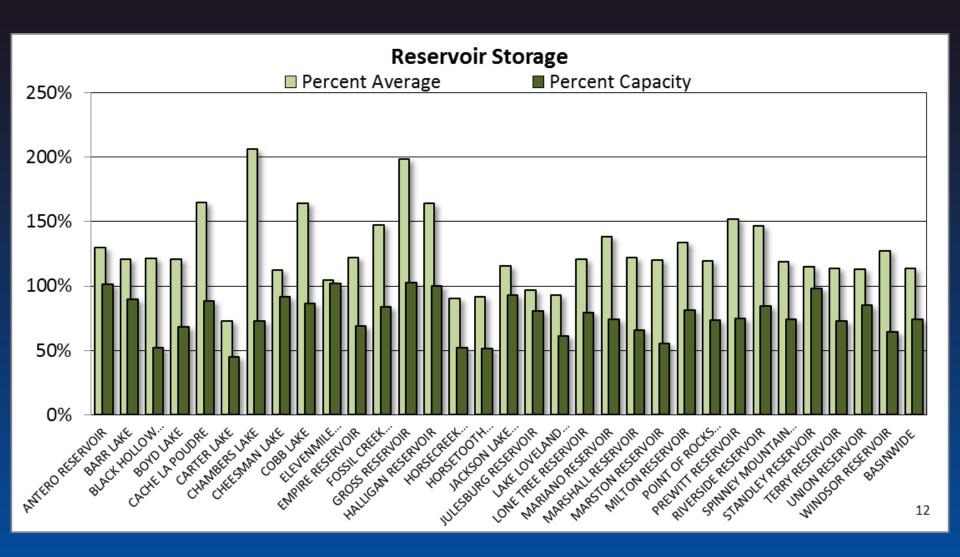








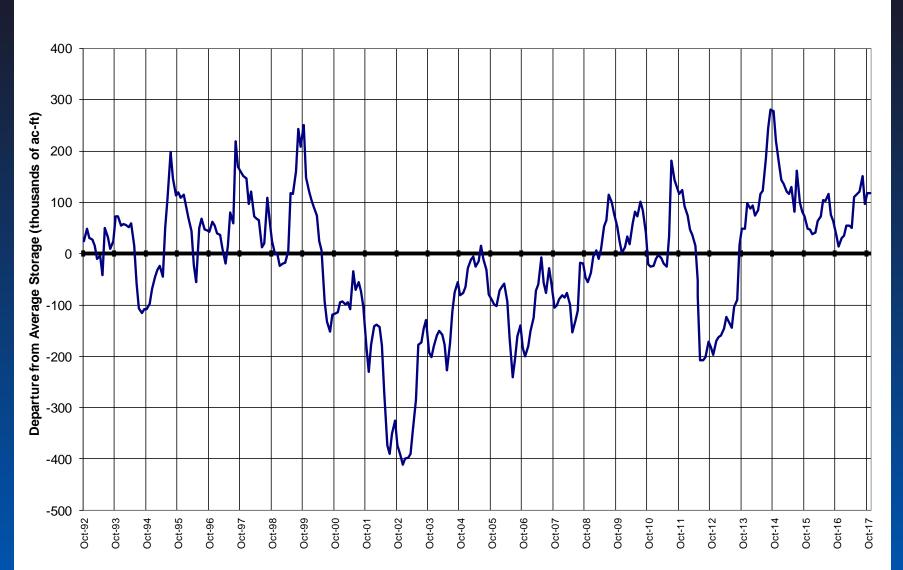




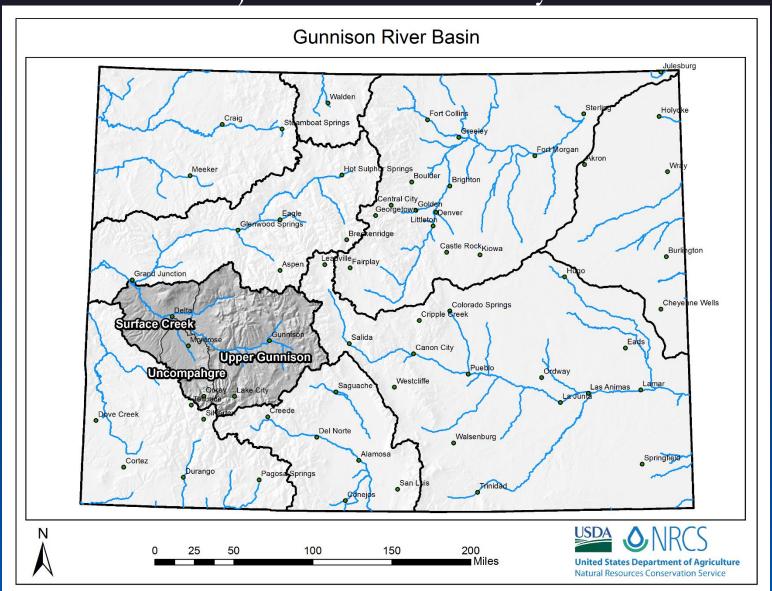




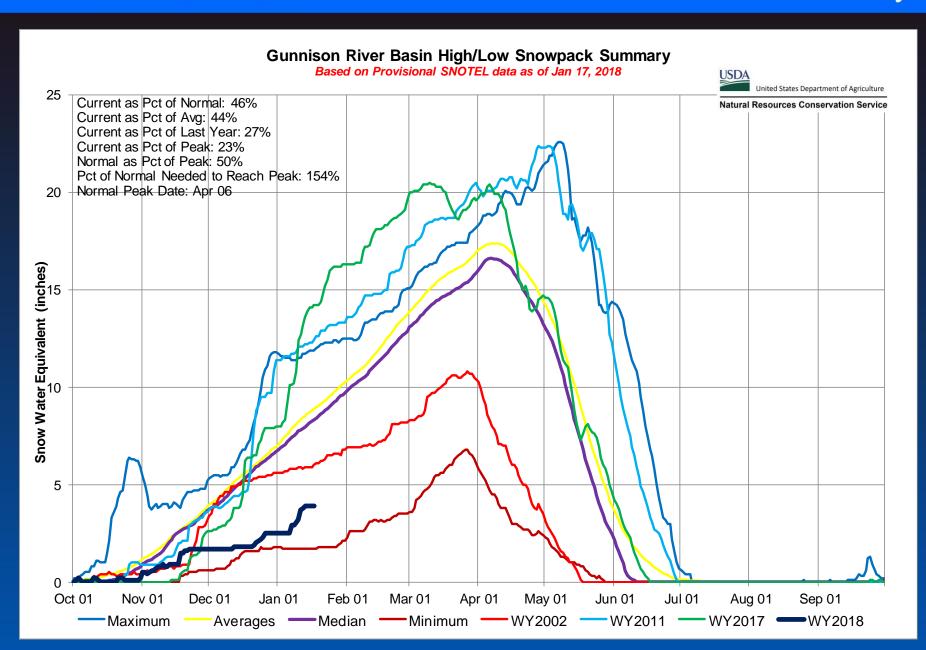




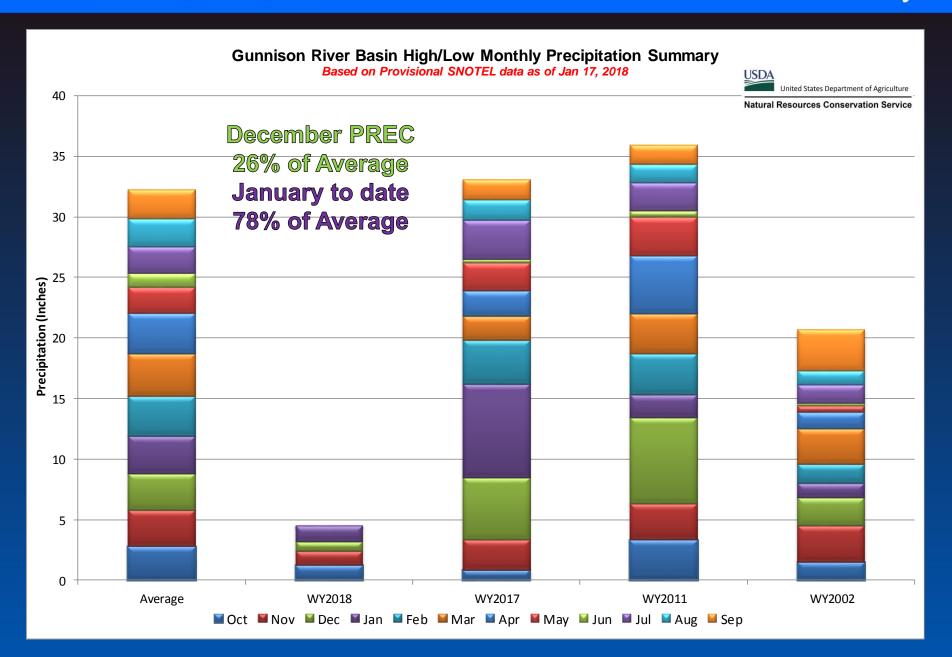




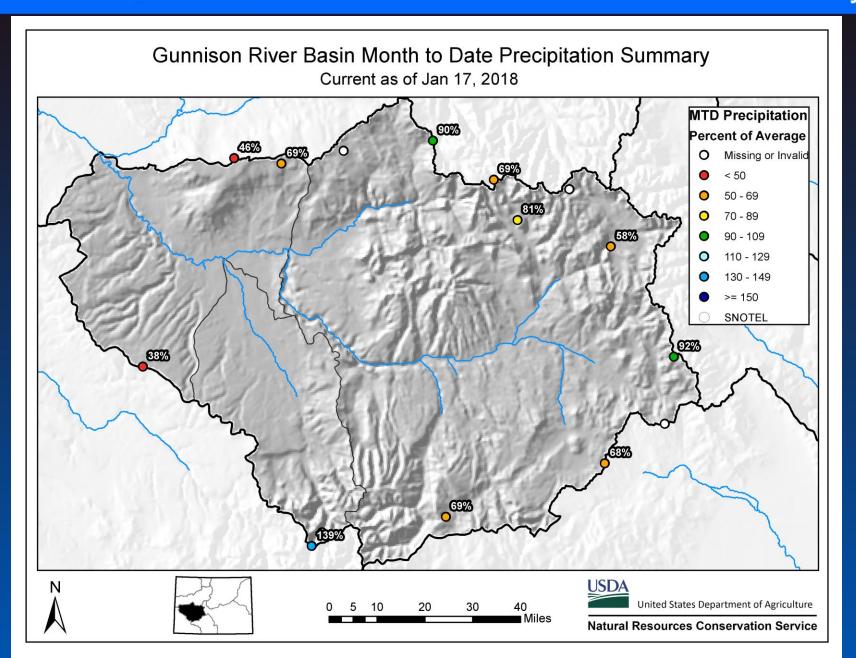






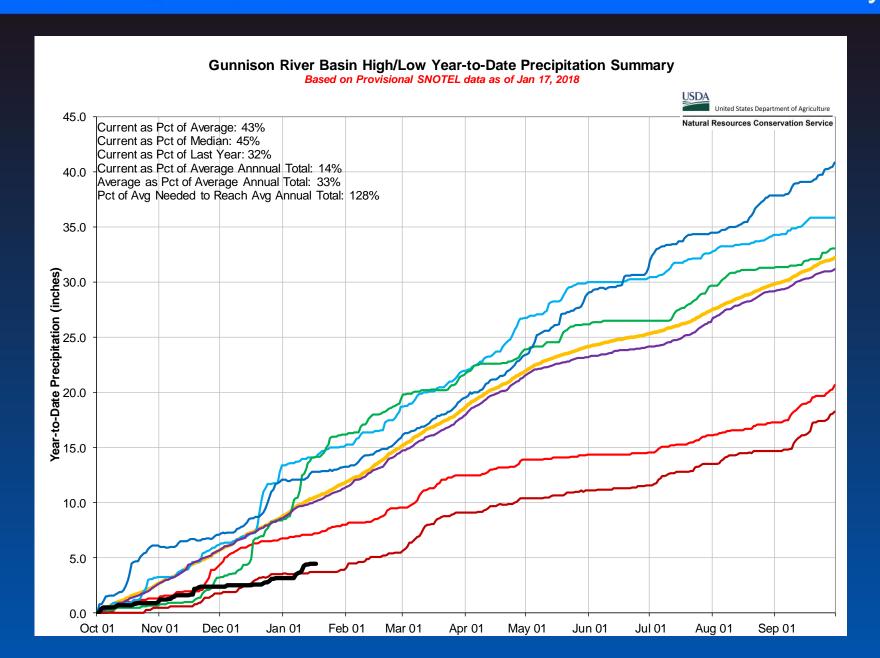






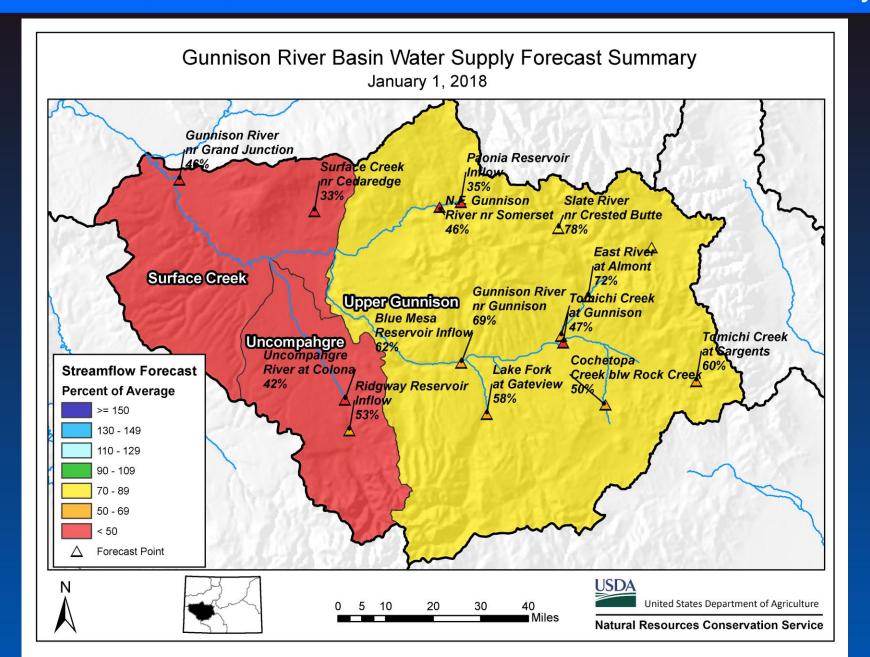






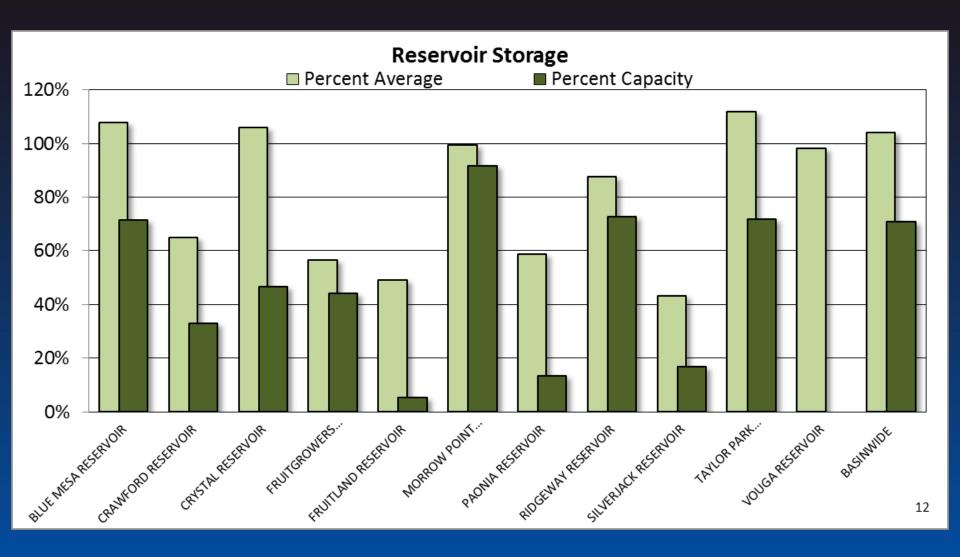








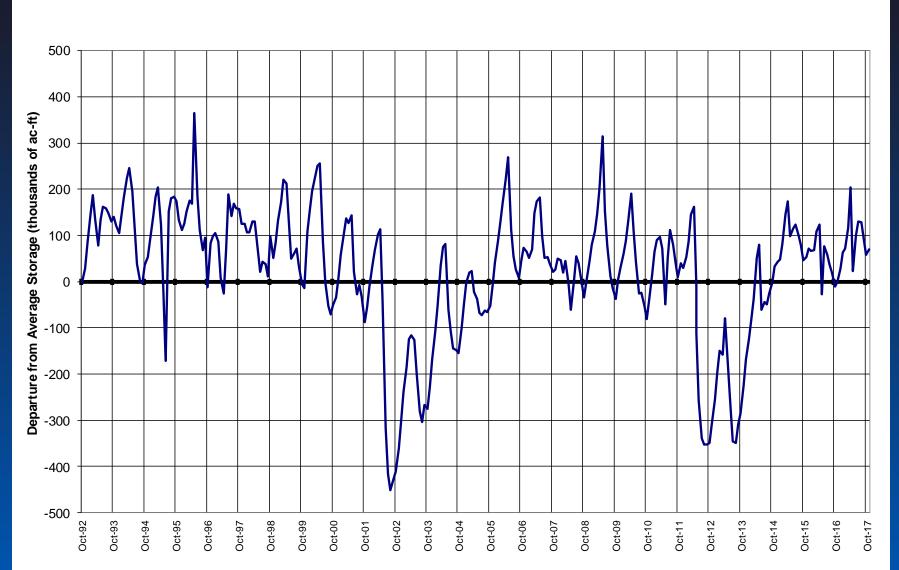






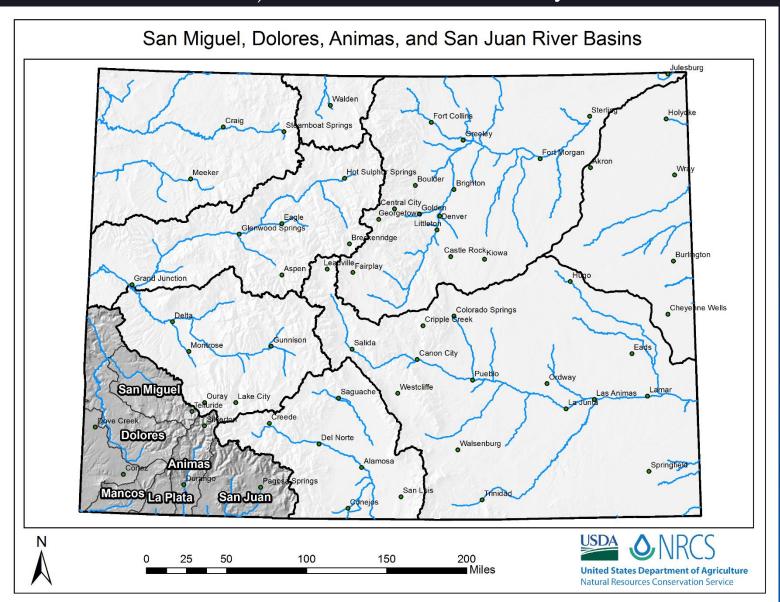






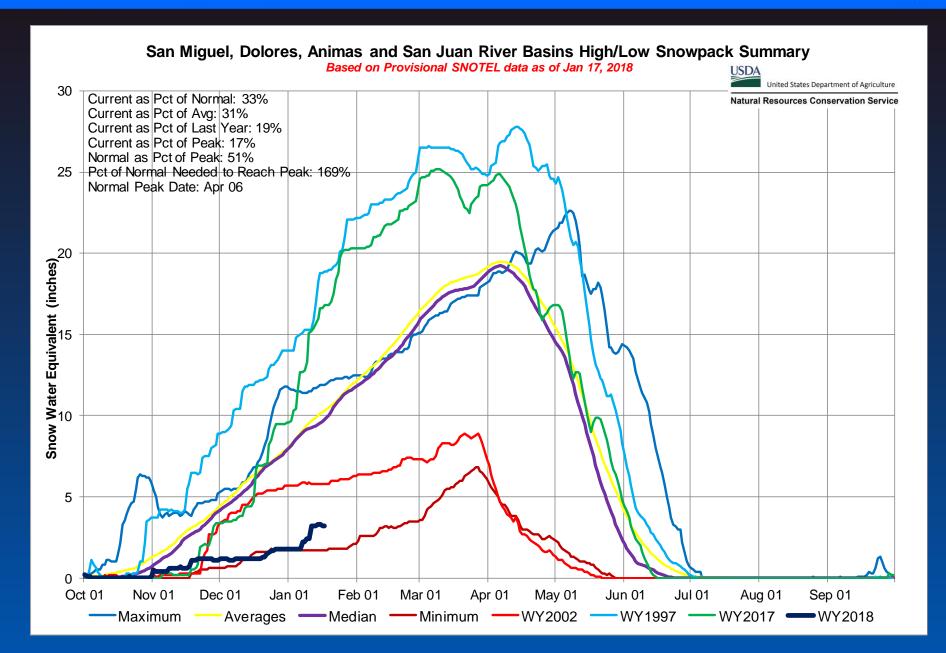




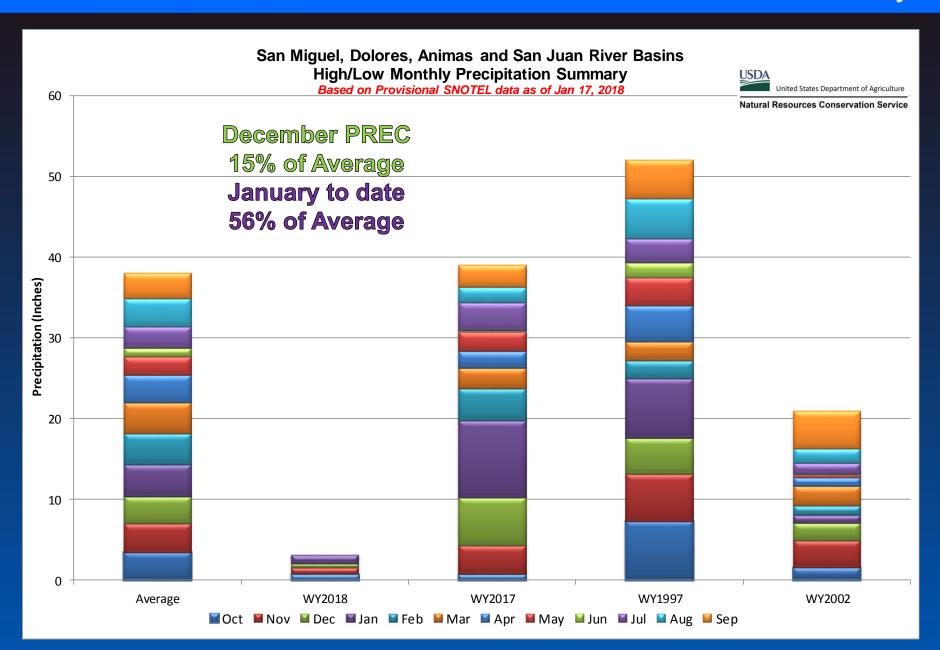






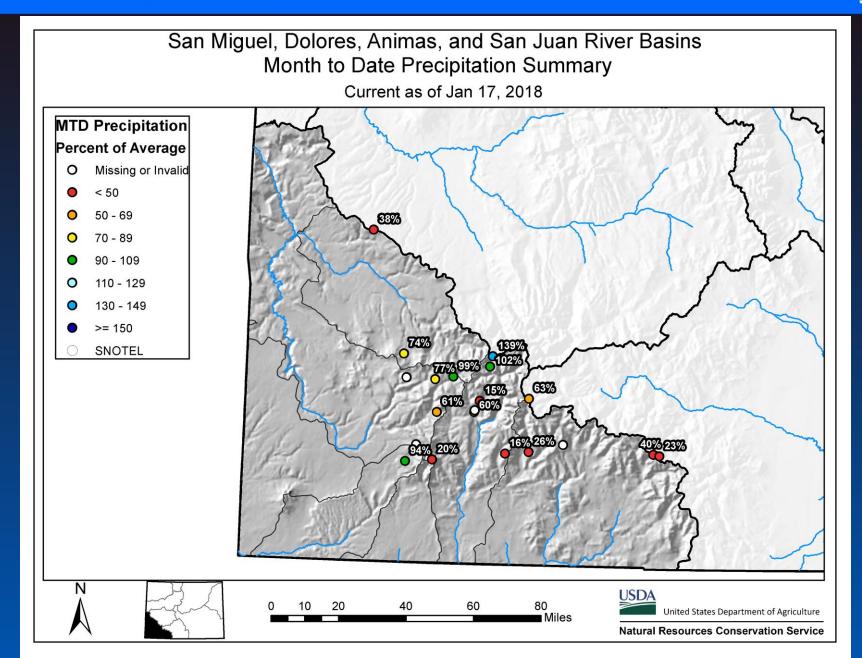




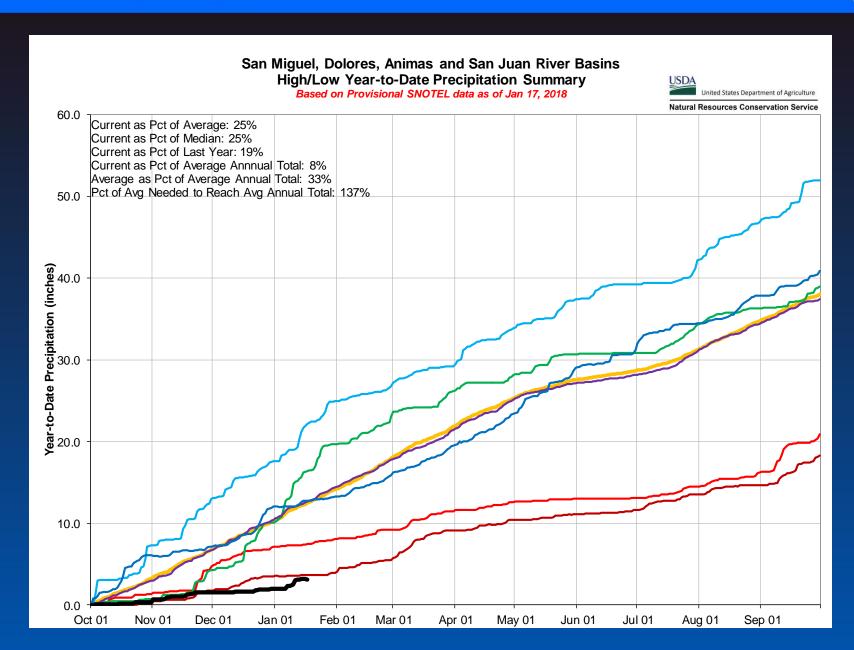






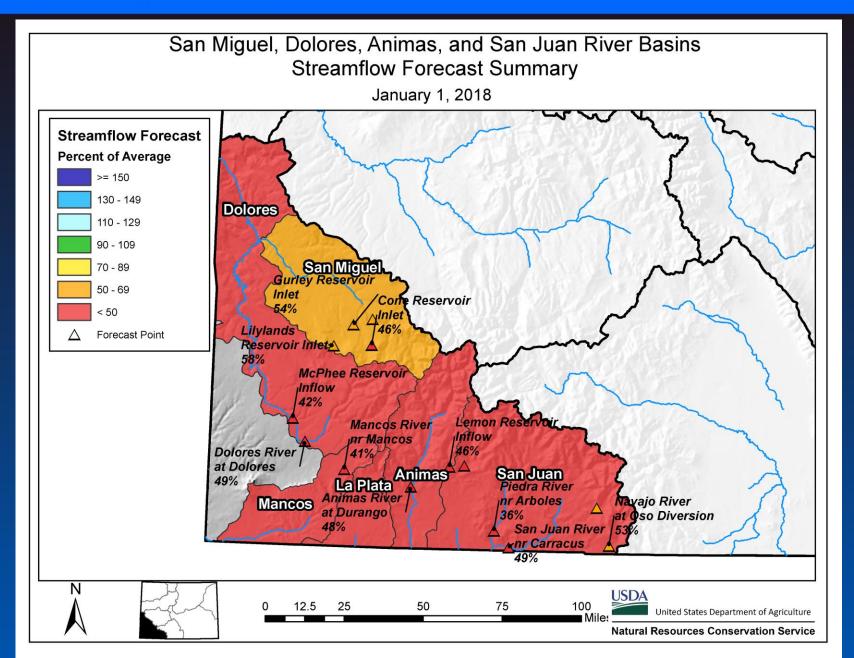




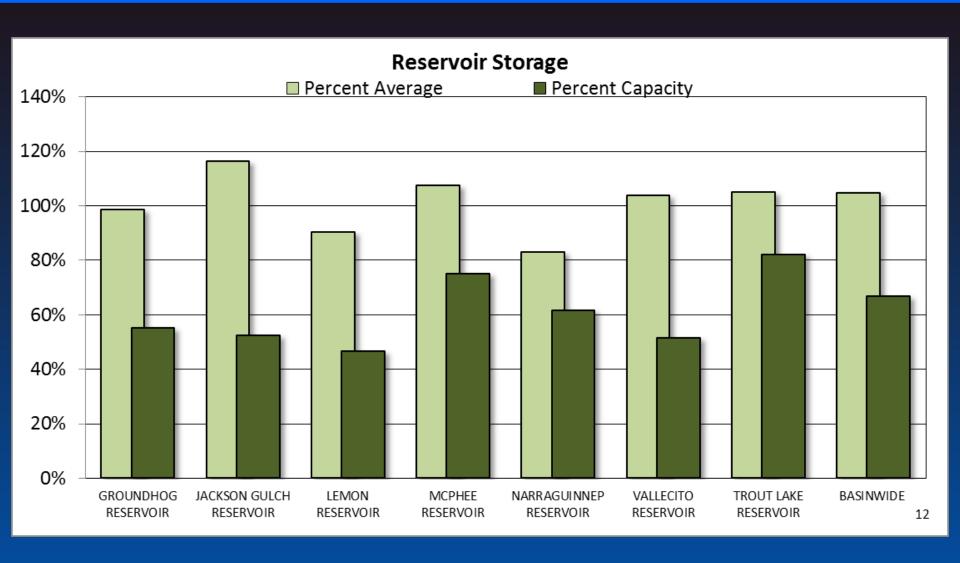








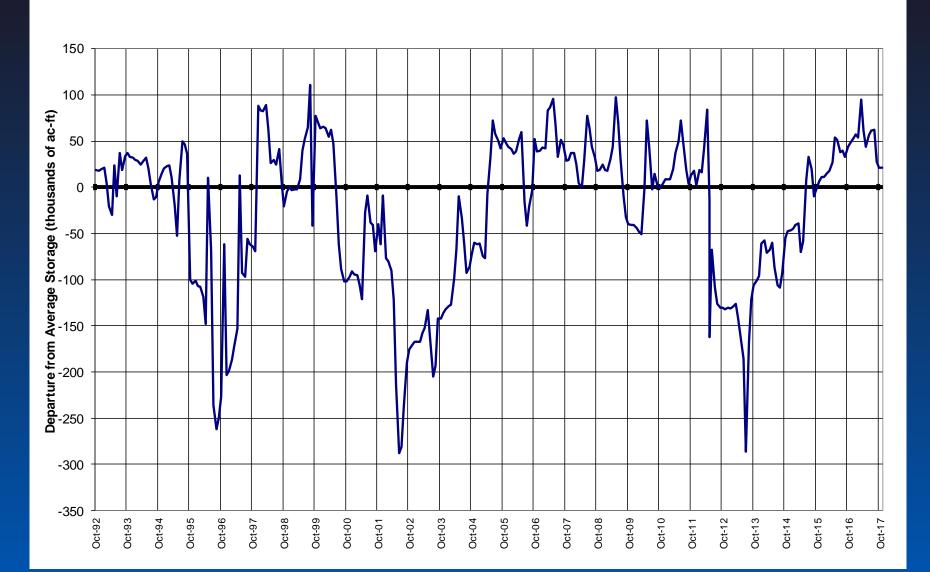






USDA

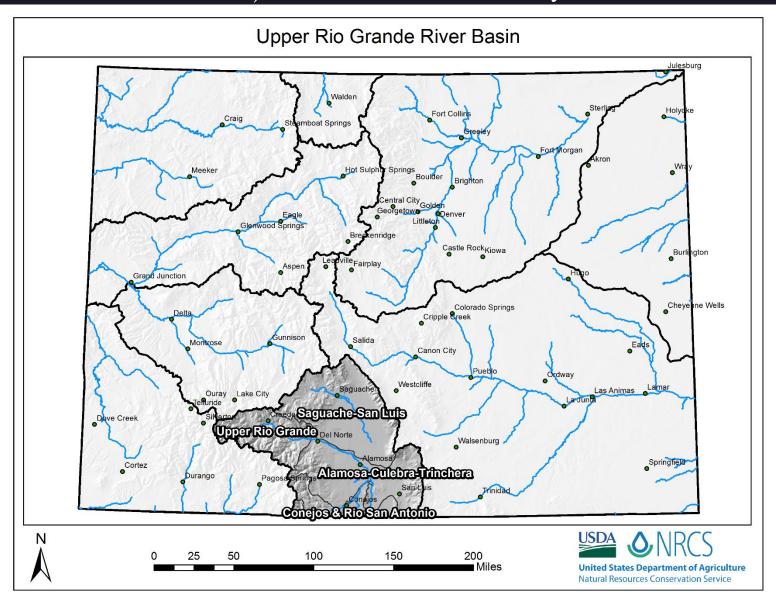
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS Reservoir Storage Departure from Average



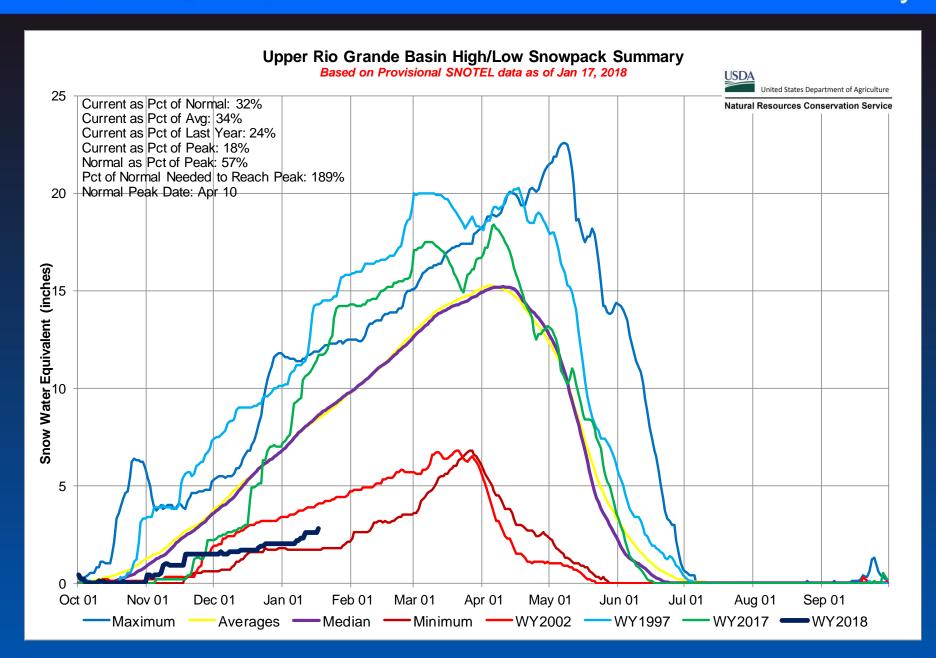




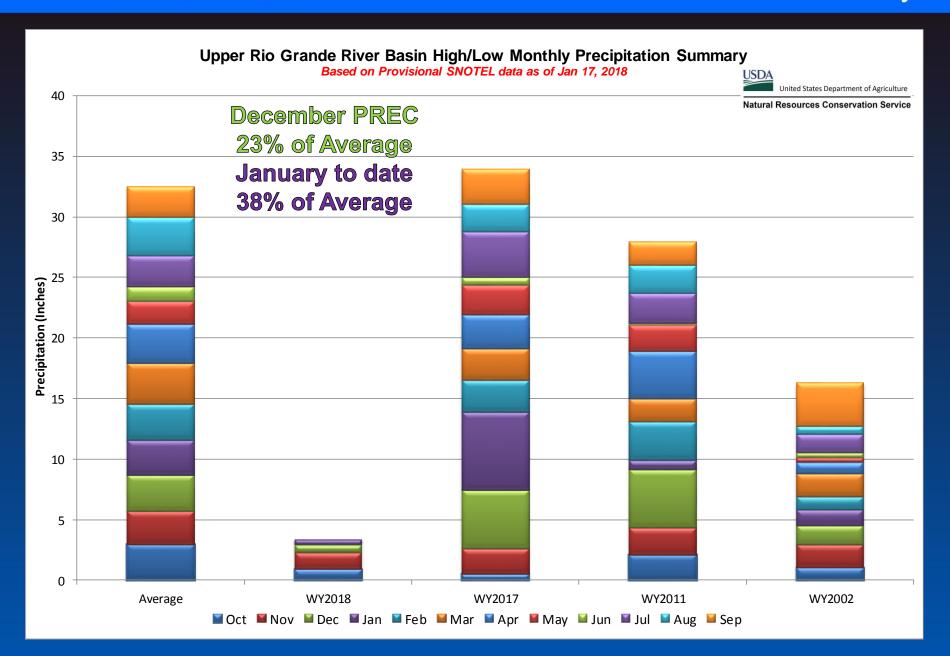
Major Basin Summary



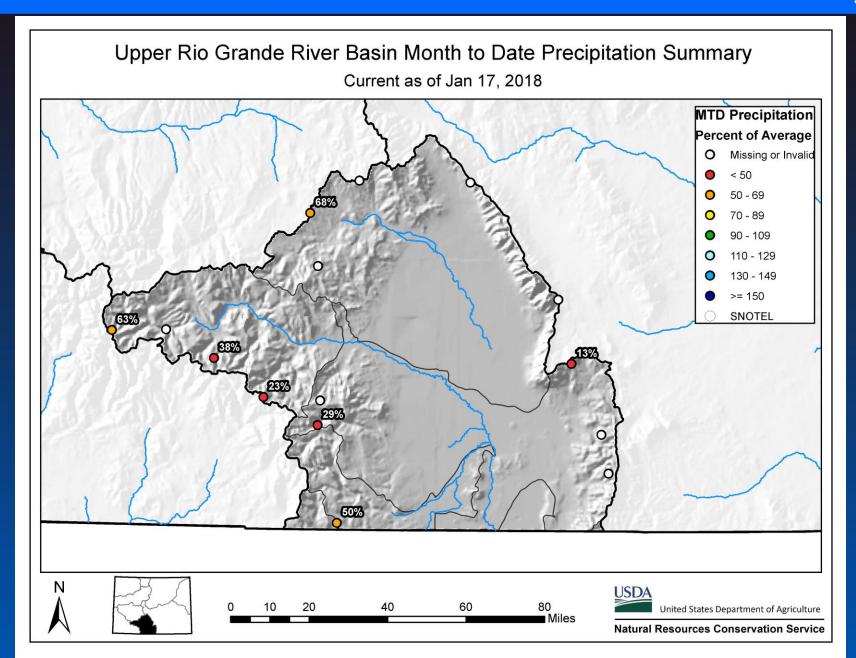




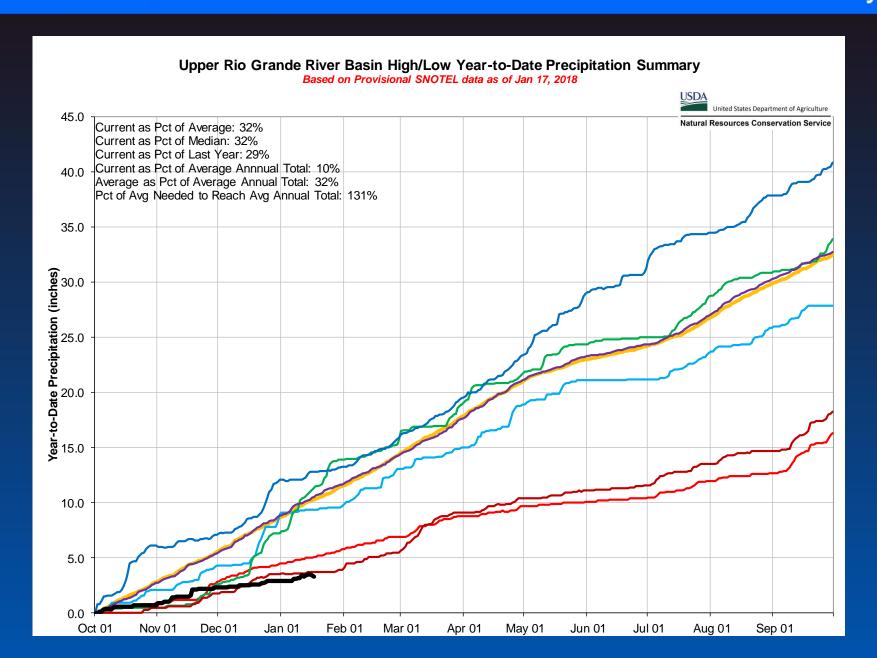




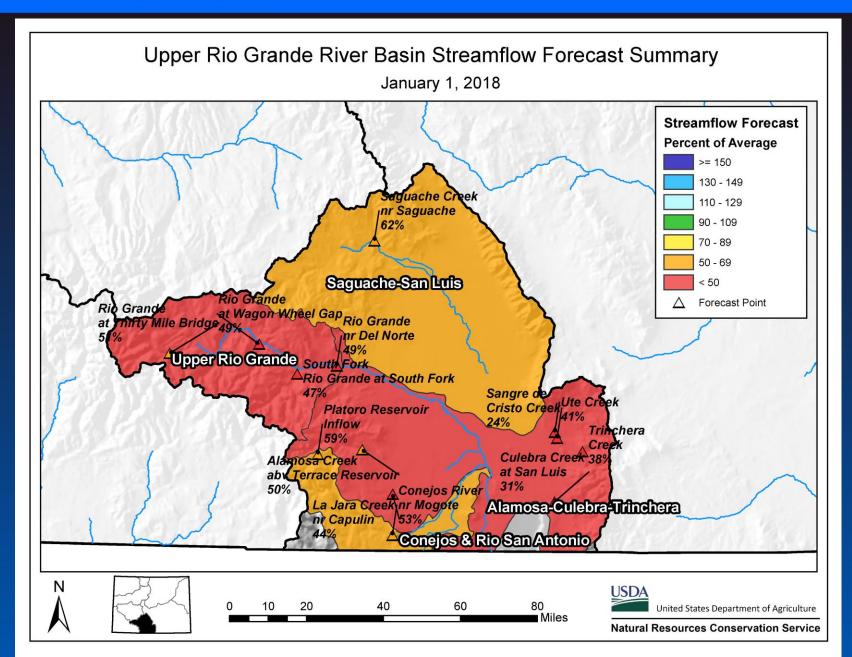




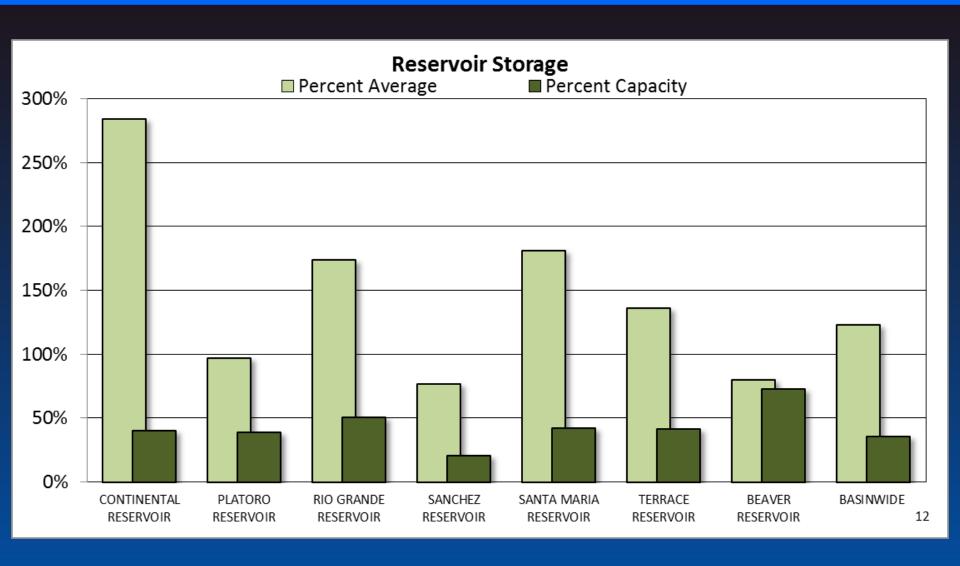








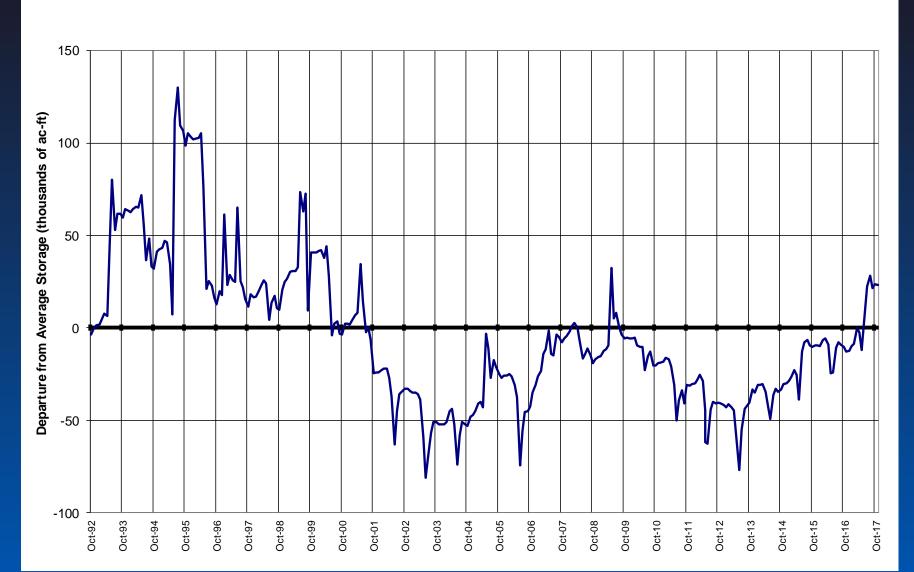








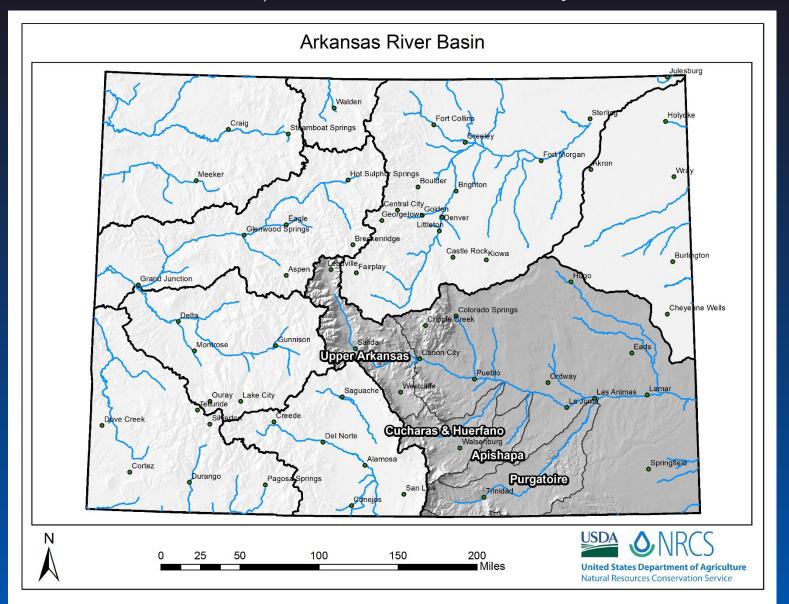




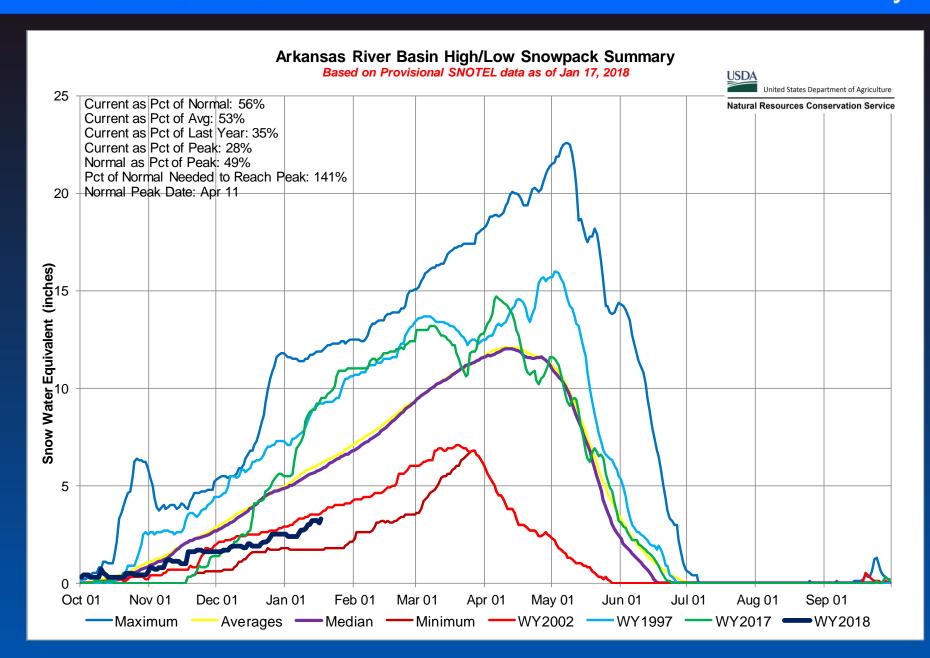


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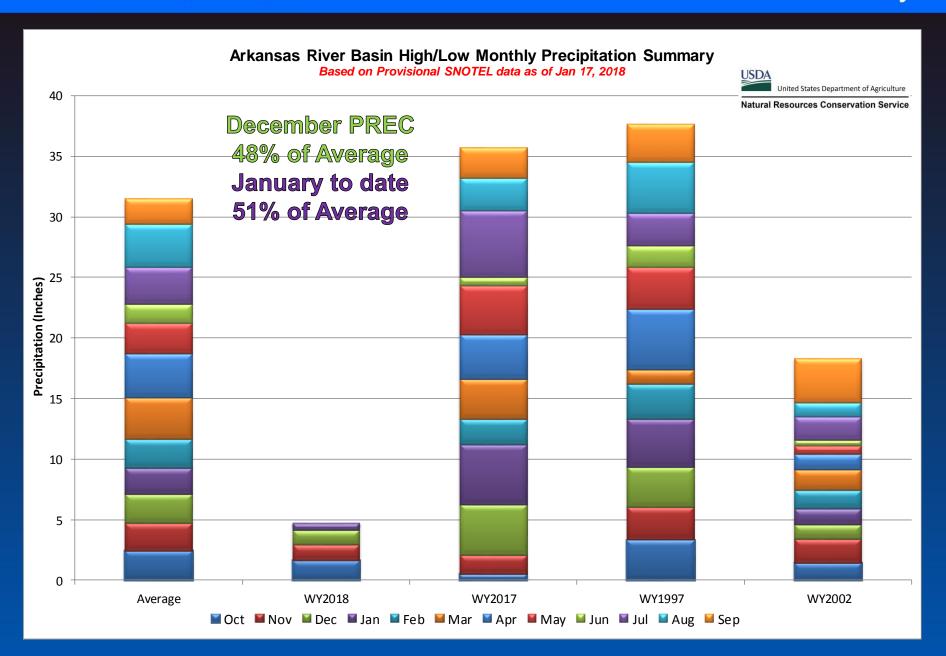
Major Basin Summary





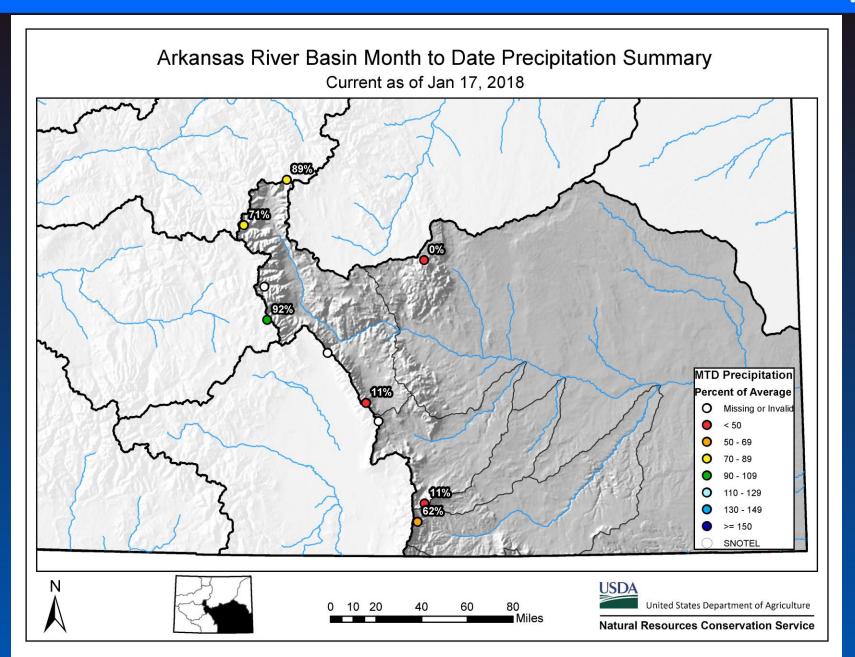




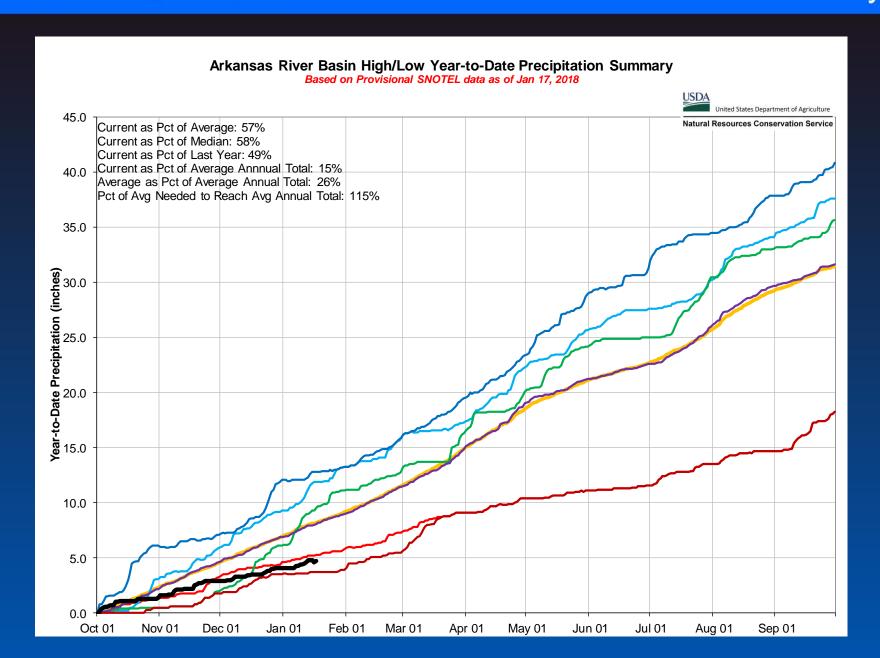






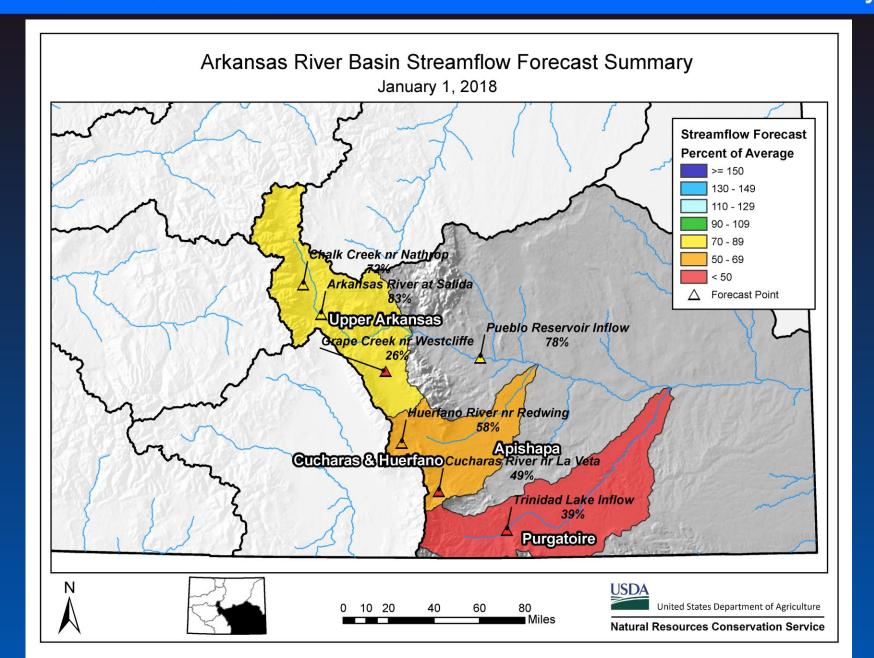




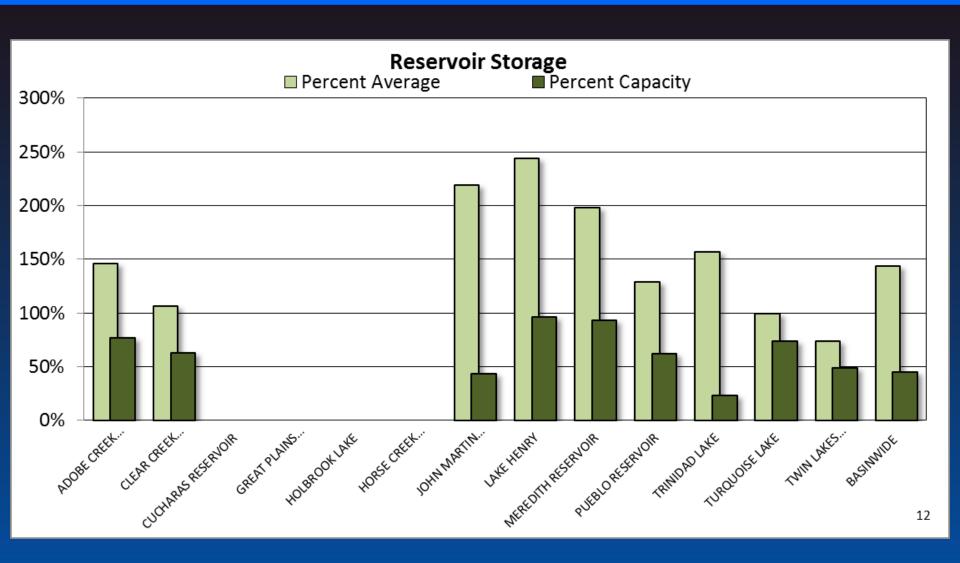








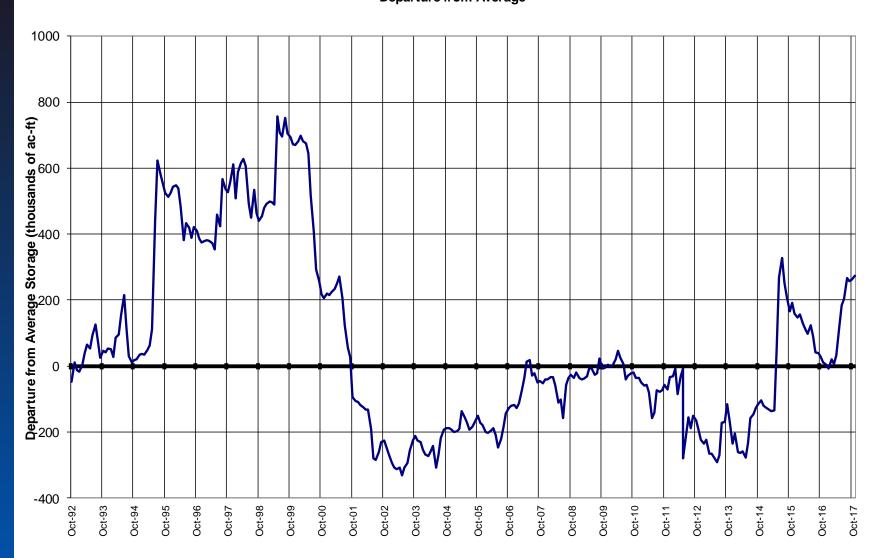






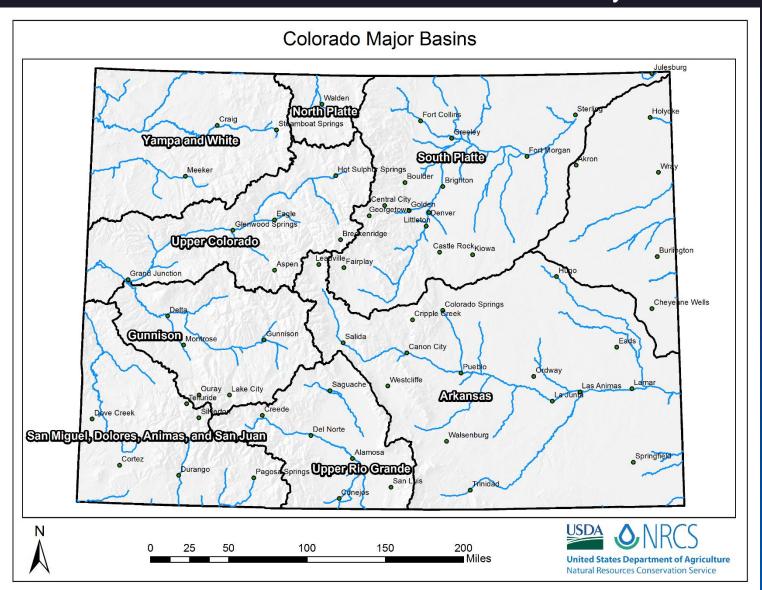


ARKANSAS RIVER BASIN Reservoir Storage Departure from Average

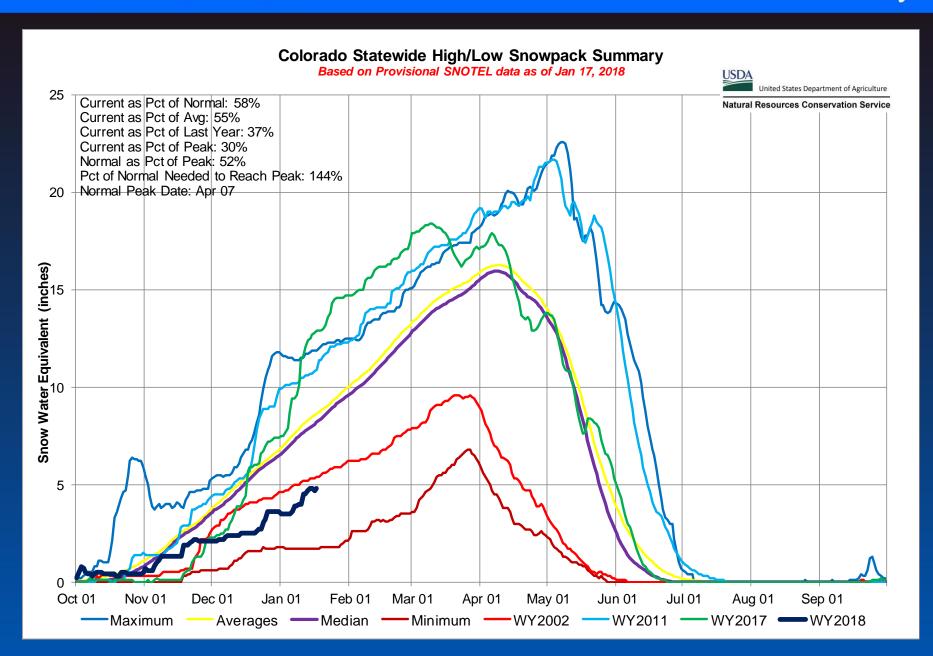




Colorado Statewide Summary

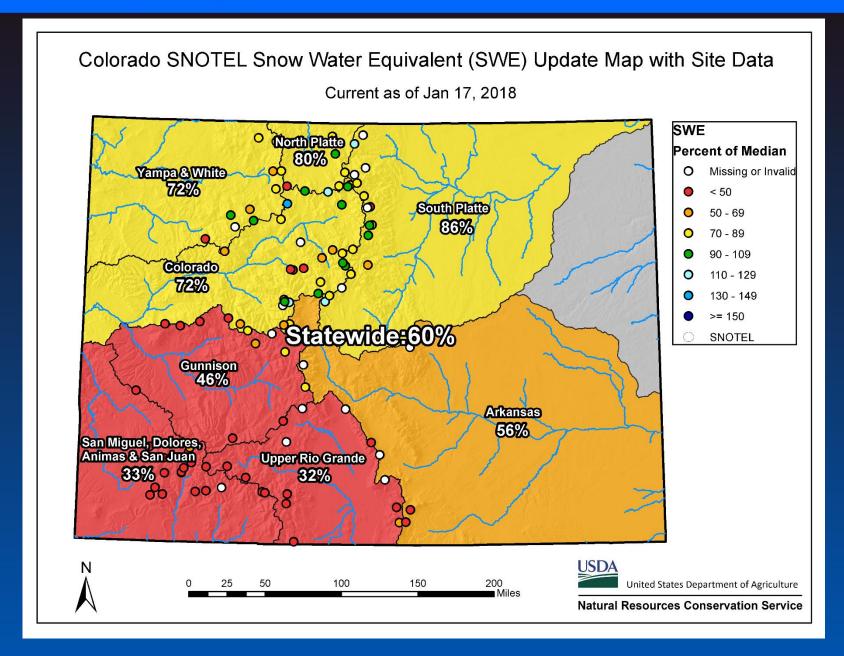




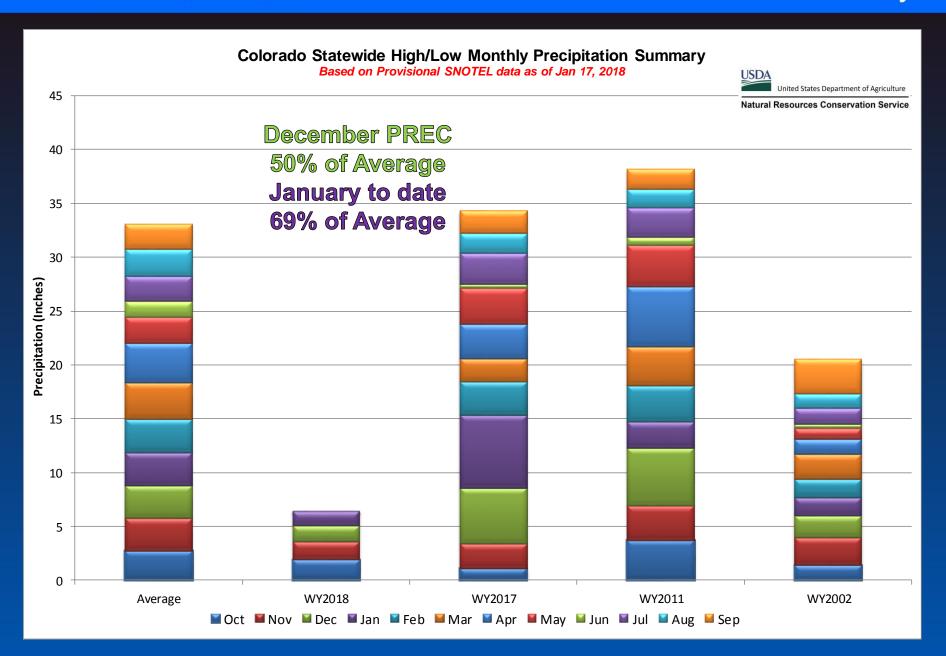




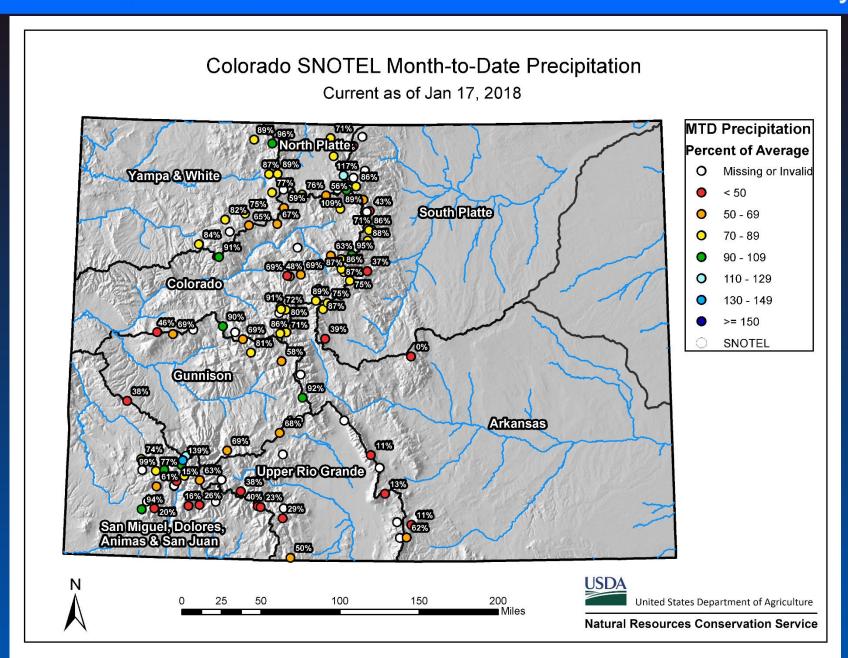






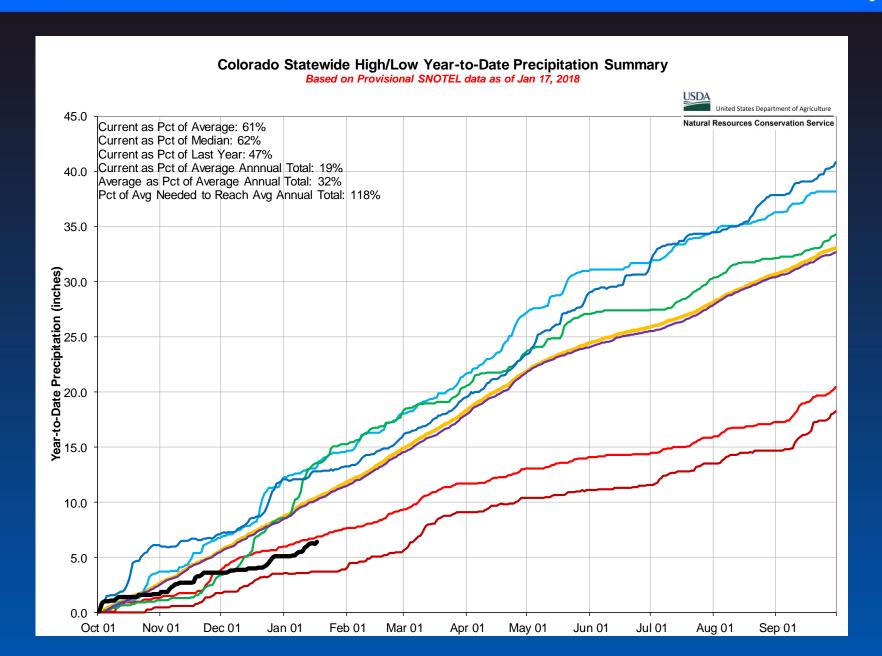




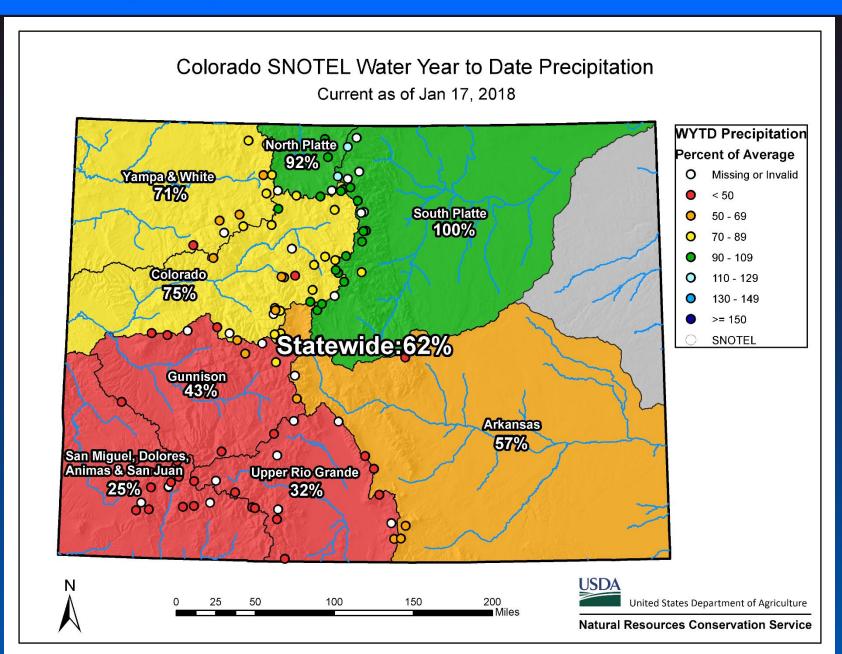






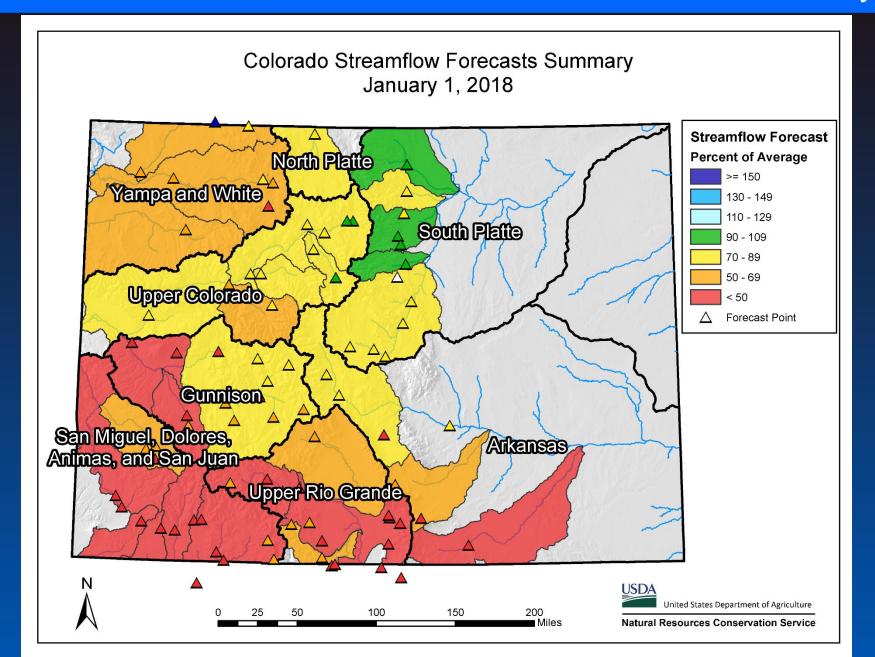




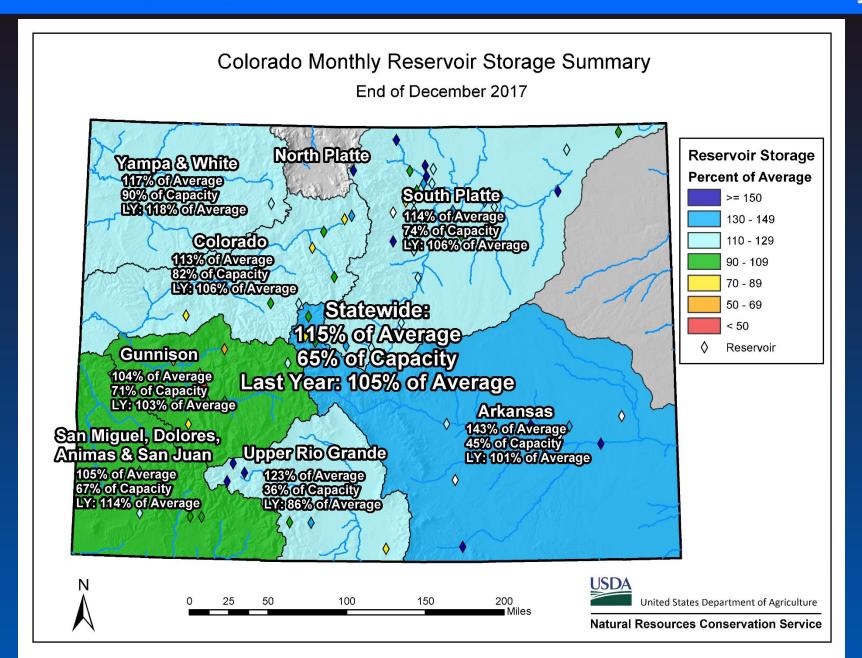






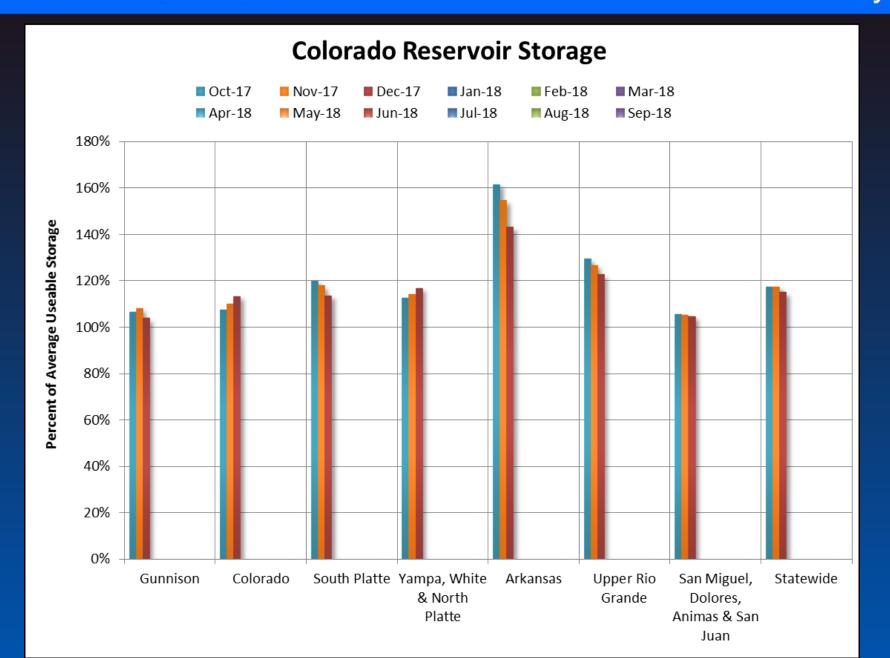






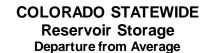


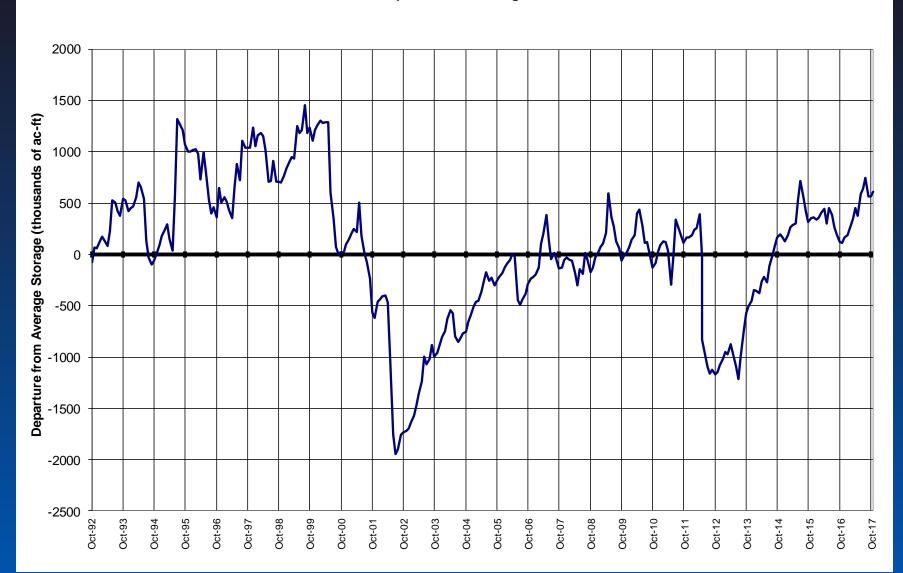


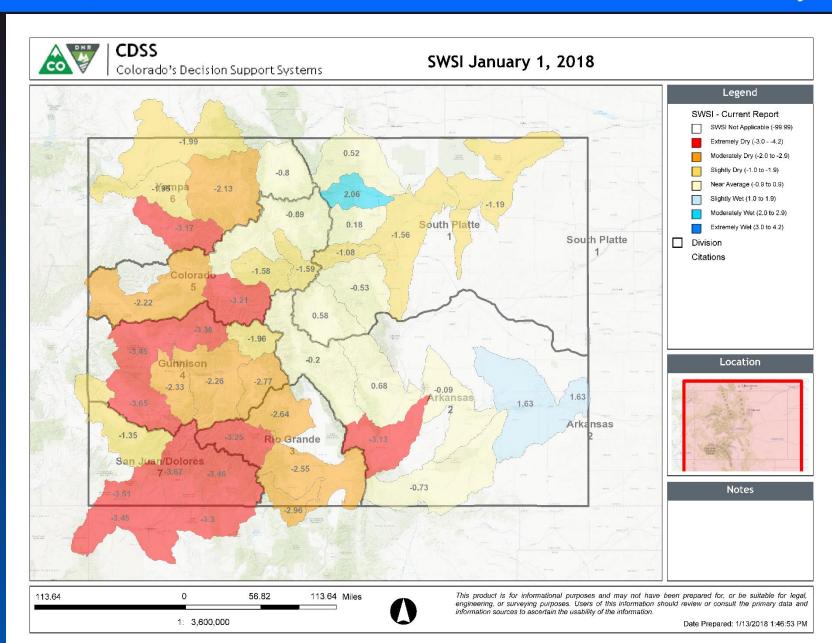














Summary

- •Current statewide snowpack is one of the lowest since 1980
 - Currently only 1981 and 2000 (barely) were lower
 - Stark contrast between the northern and southern parts of Colorado with the north receiving notably more precipitation
- •Streamflow forecasts largely mirror the spatial pattern of precipitation and snow accumulation
 - As of January 1st there were no streamflow forecast points in the state forecasted to have above average April-July flows (at the 50% chance of exceedance level)
- •Reservoir storage is still above average in all major basins in the state
- •To achieve a normal peak SWE (averaged statewide) a gain of 11.7" SWE would be needed over the next three months. A gain exceeding this magnitude has been observed in 3 out of the last 37 years.



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