

Water Availability Task Force Meeting April 19th, 2018

NRCS Snow Survey and Water Supply Forecasting Program

Brian Domonkos Hydrologist Snow Survey Supervisor 720-544-2852

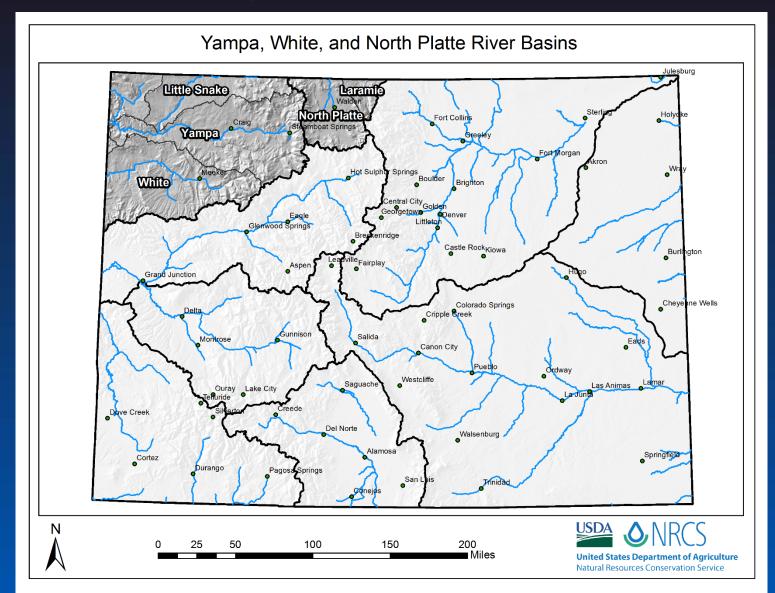
http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/

United States Department of Agriculture

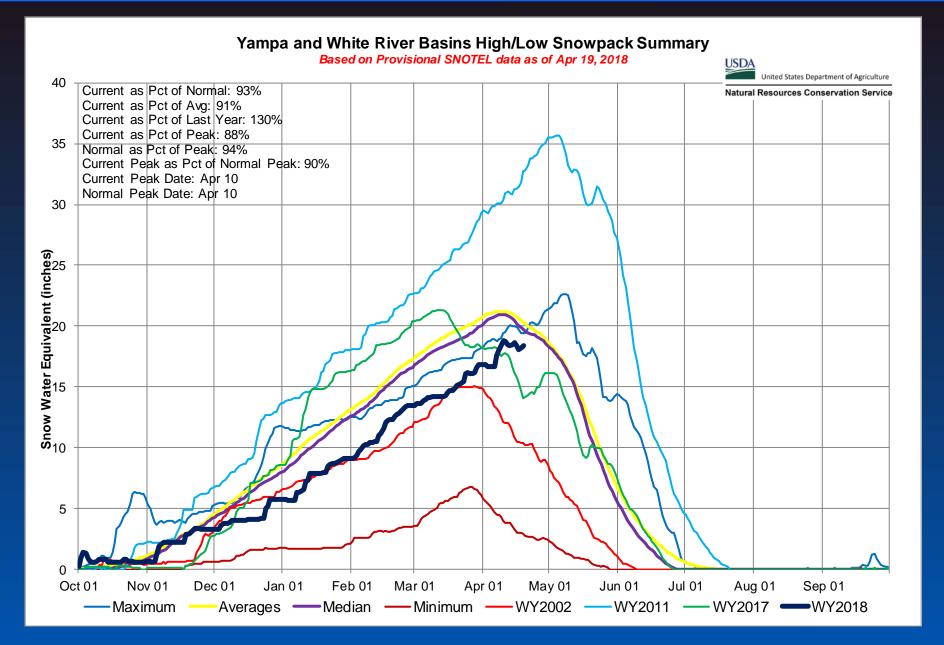
USDA

Colorado Snow Surveys

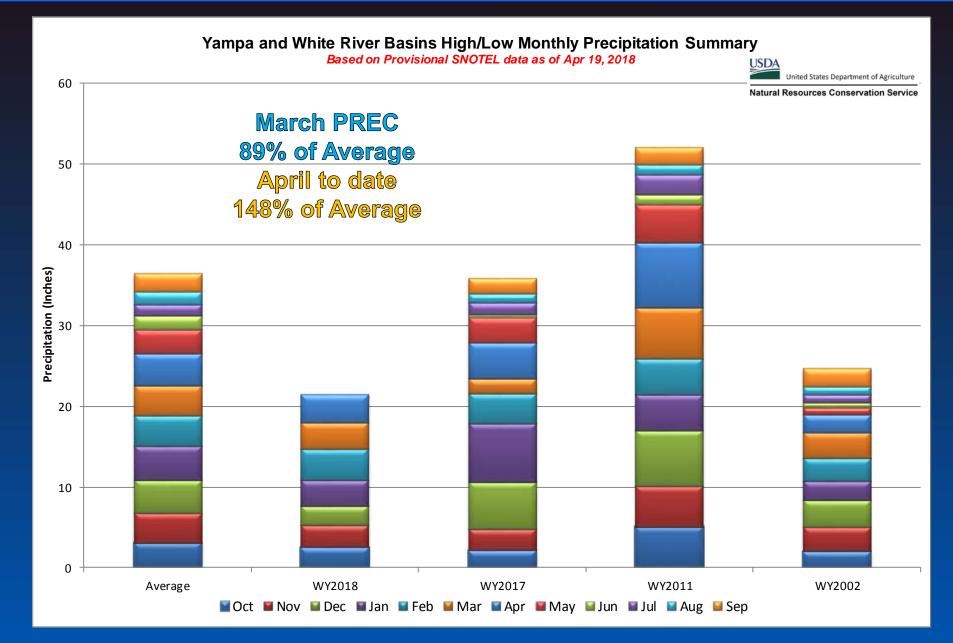
Major Basin Summary

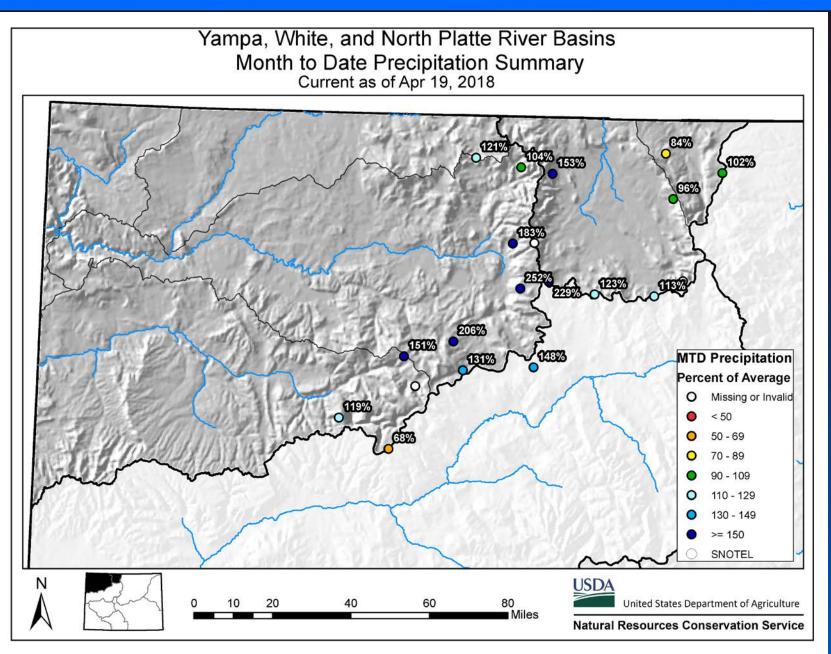




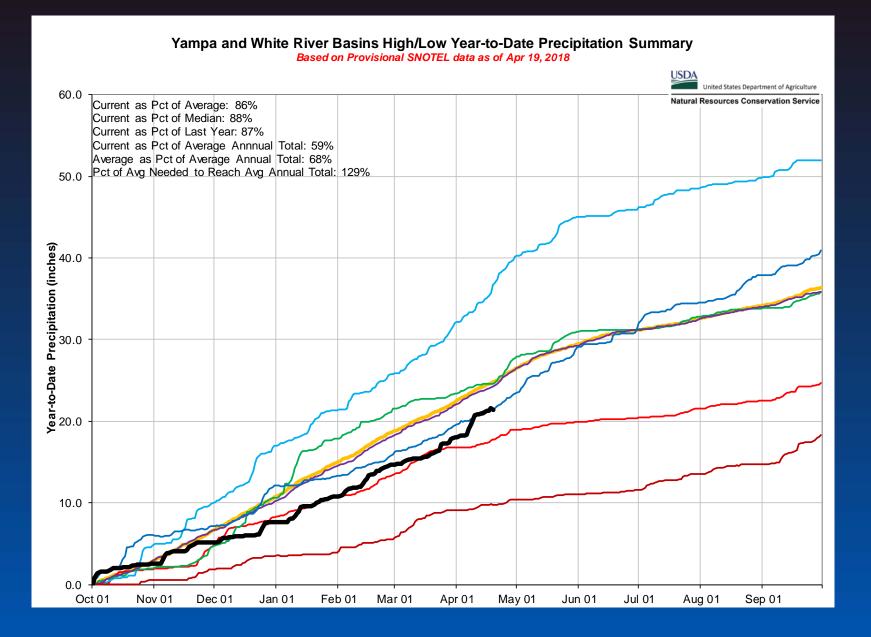


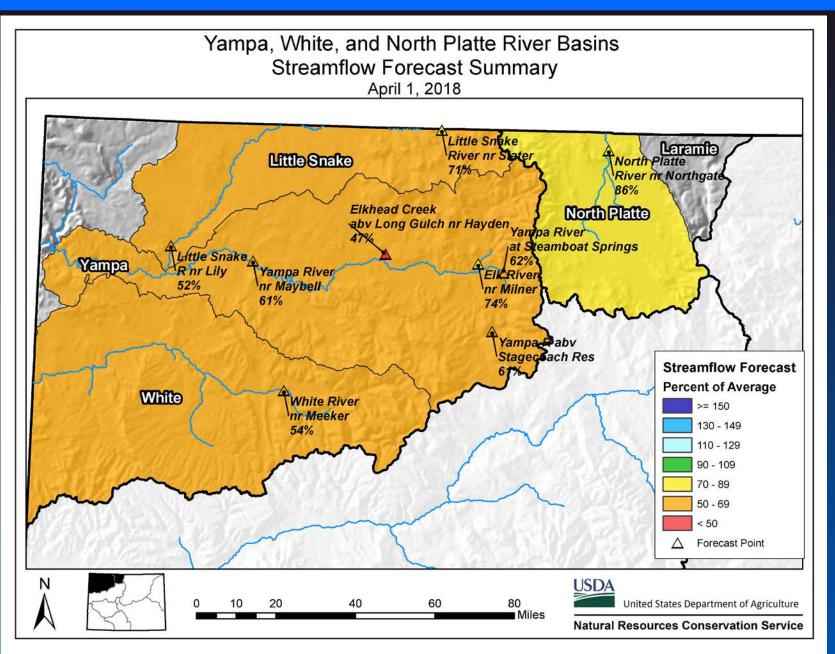








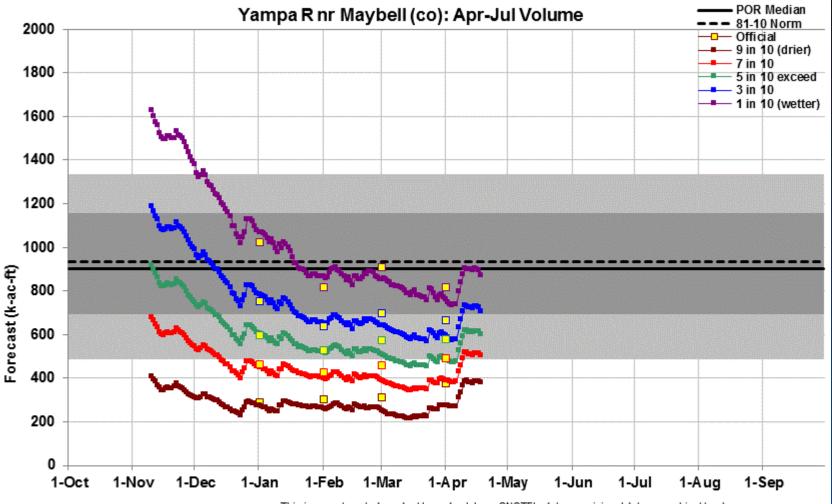






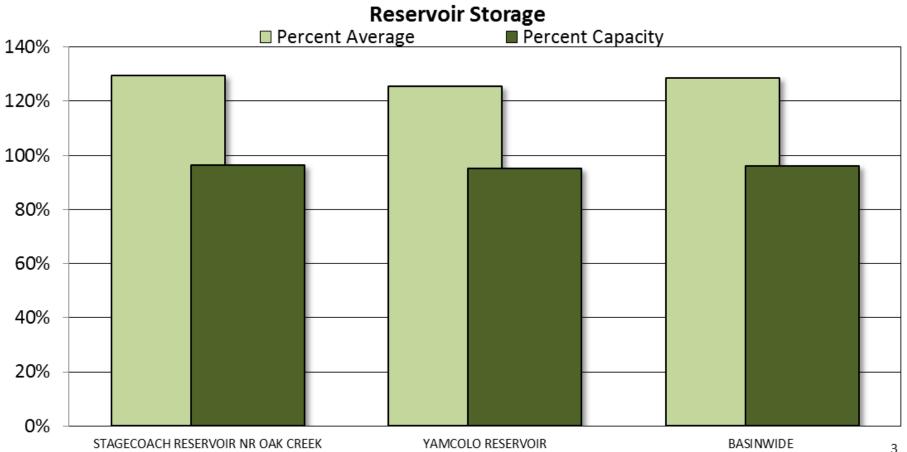
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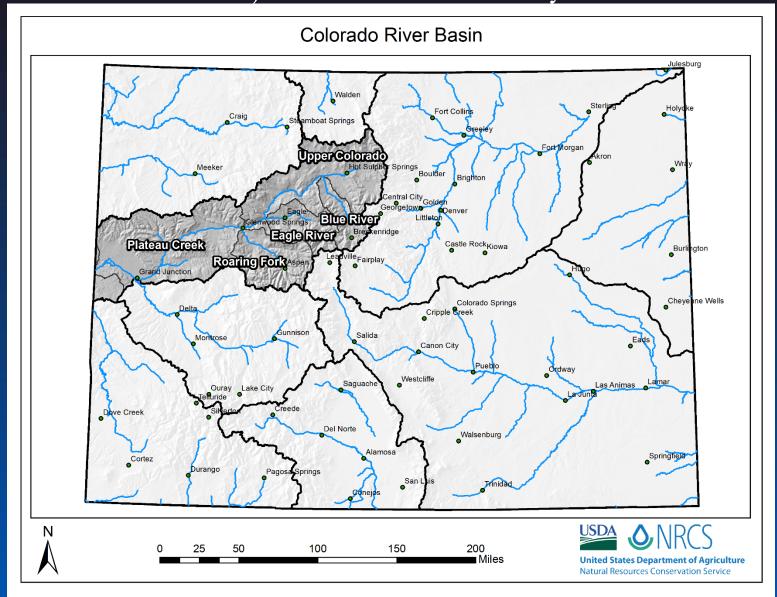


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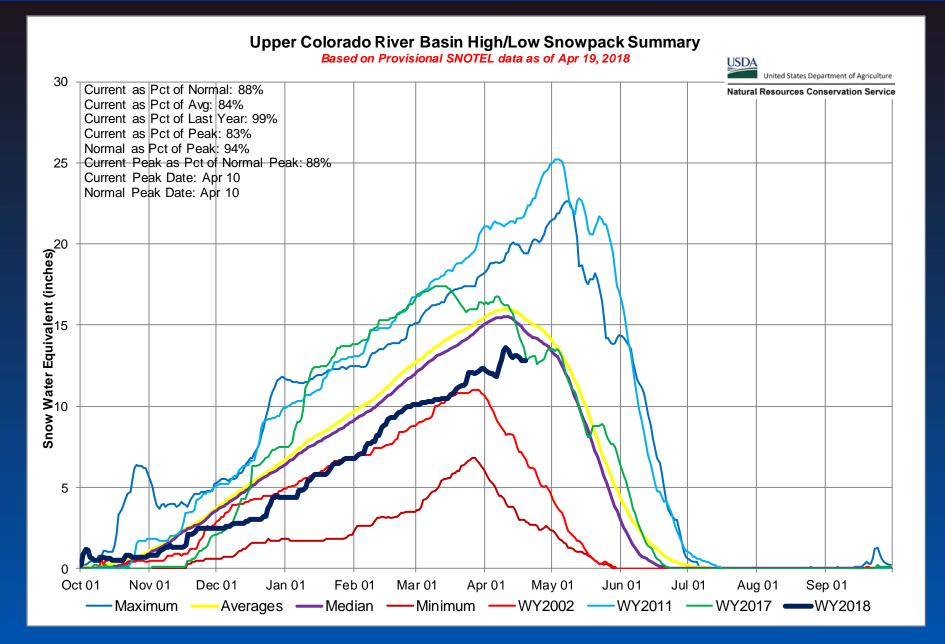


Colorado Snow Surveys

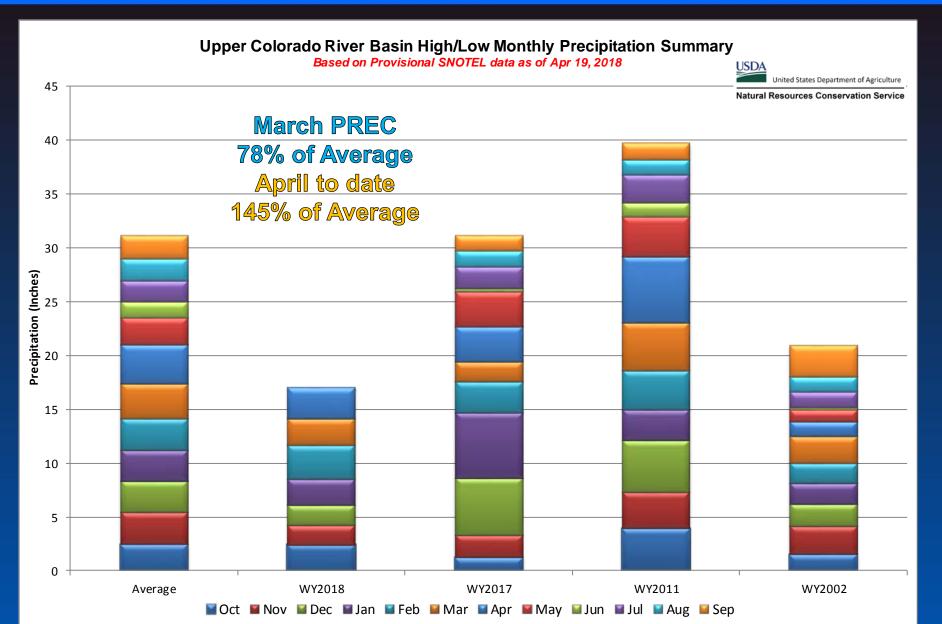
Major Basin Summary



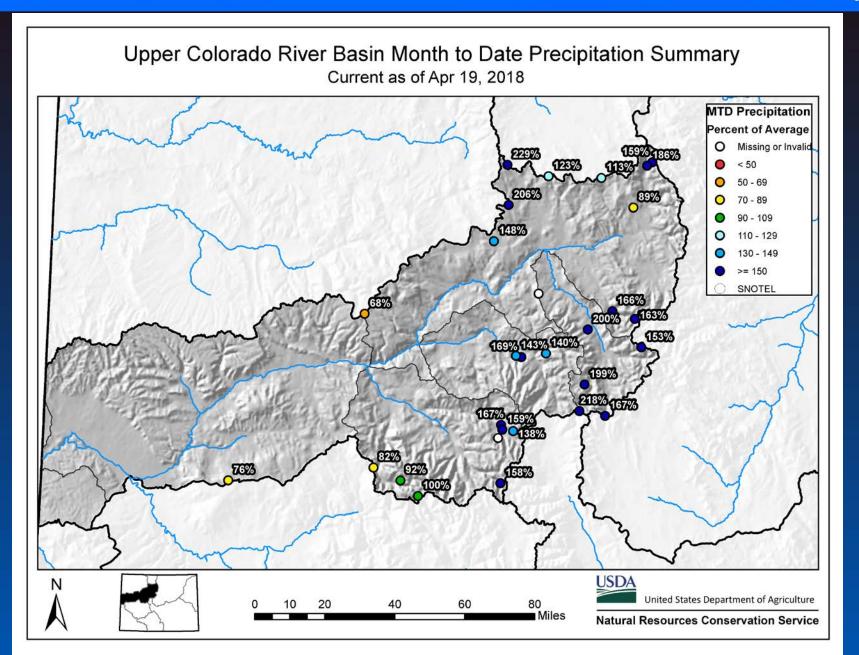




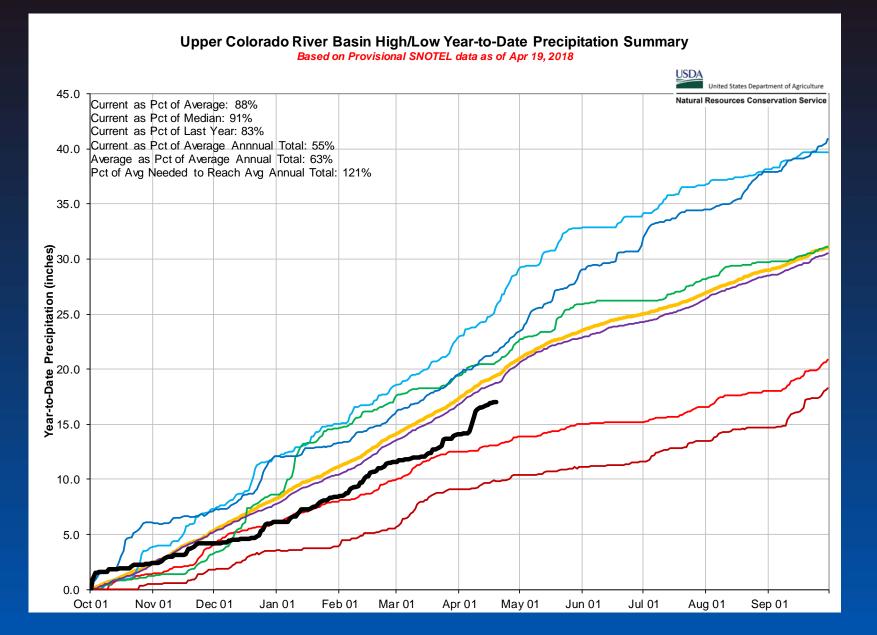




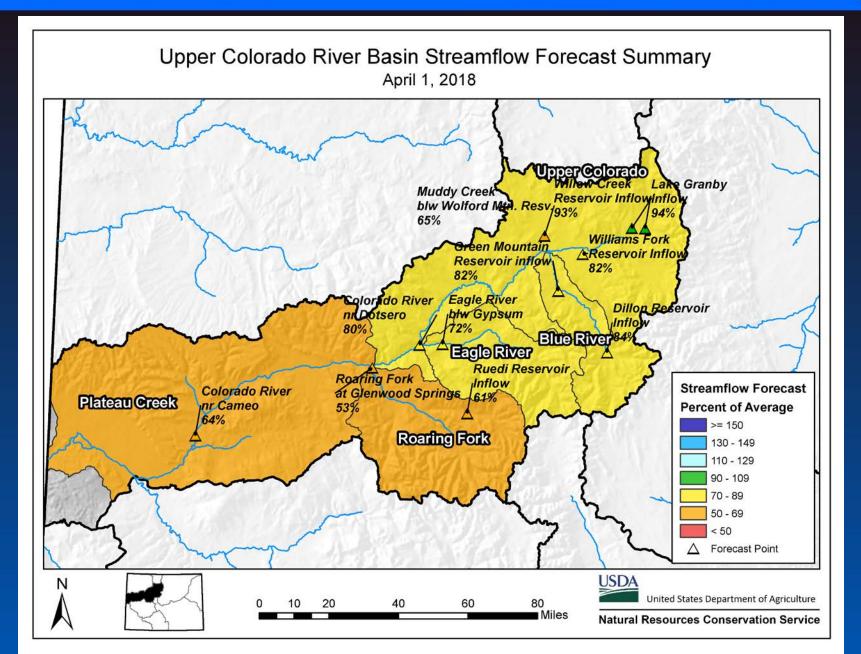








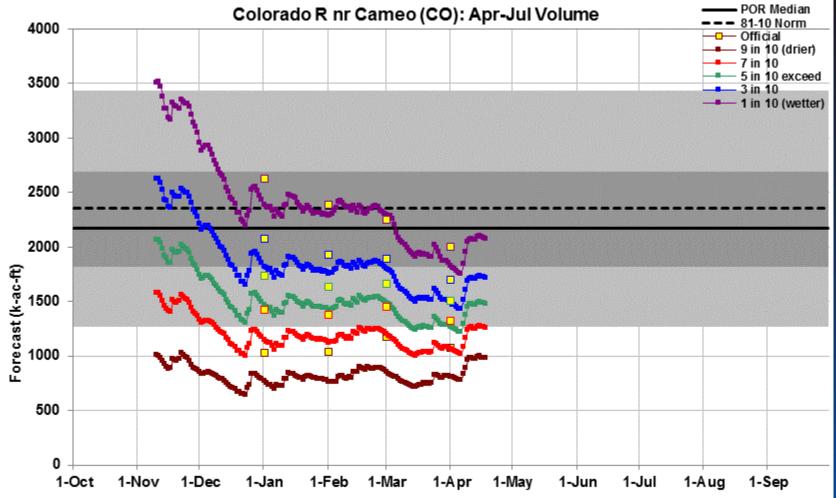






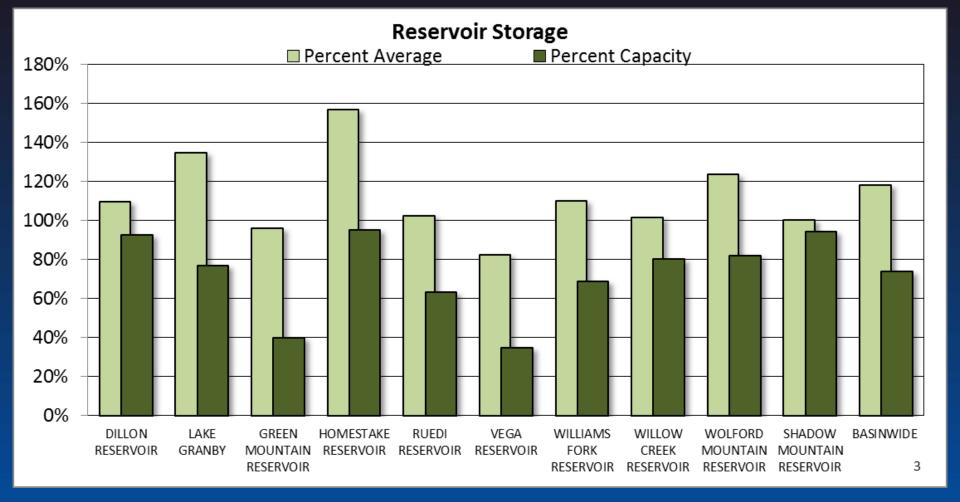
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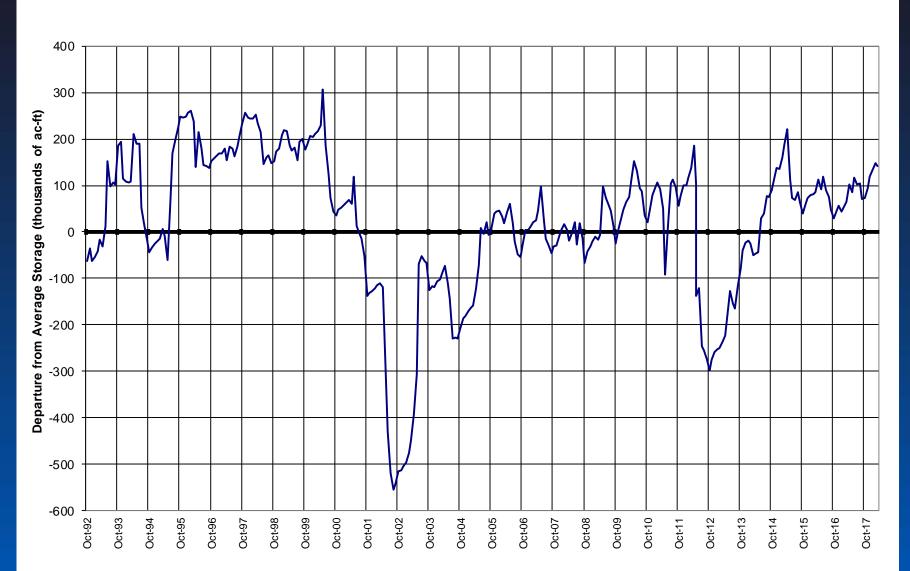


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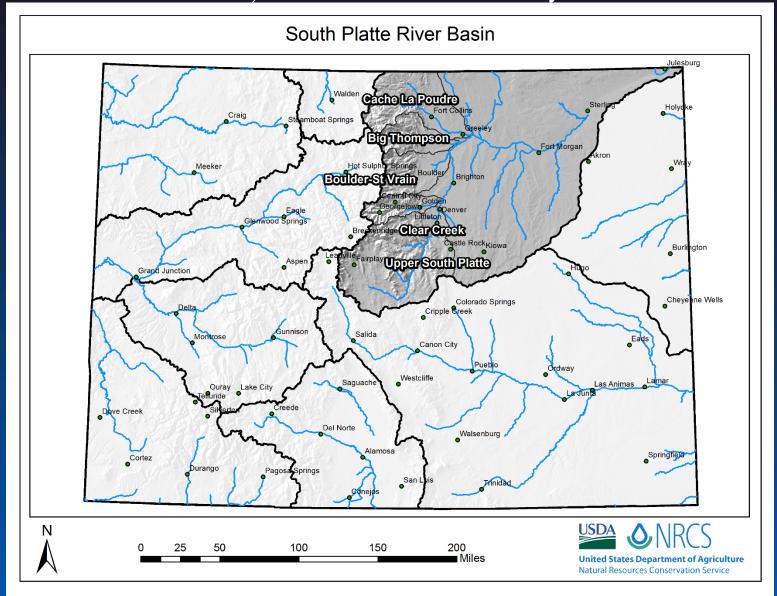




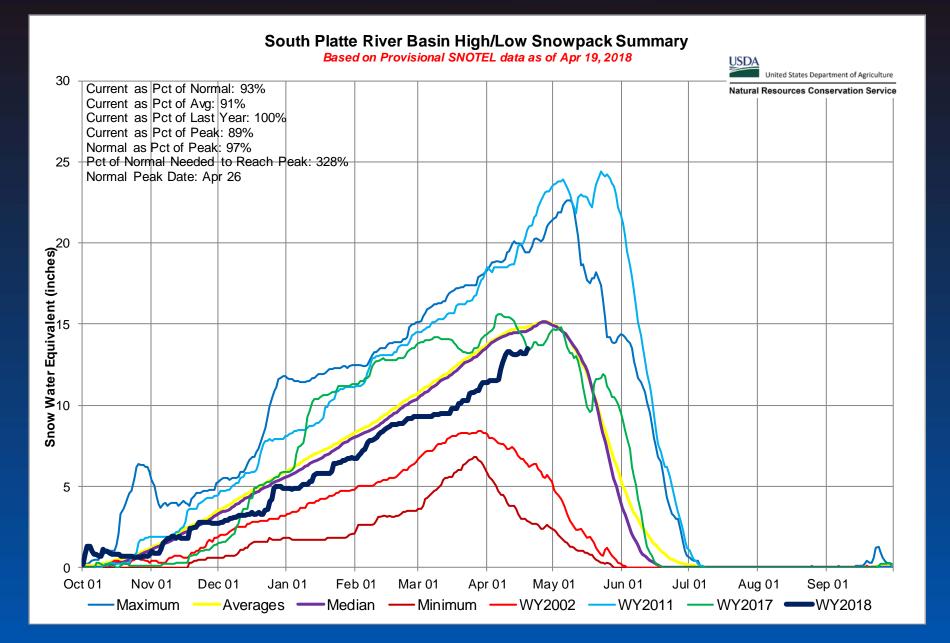


Colorado Snow Surveys

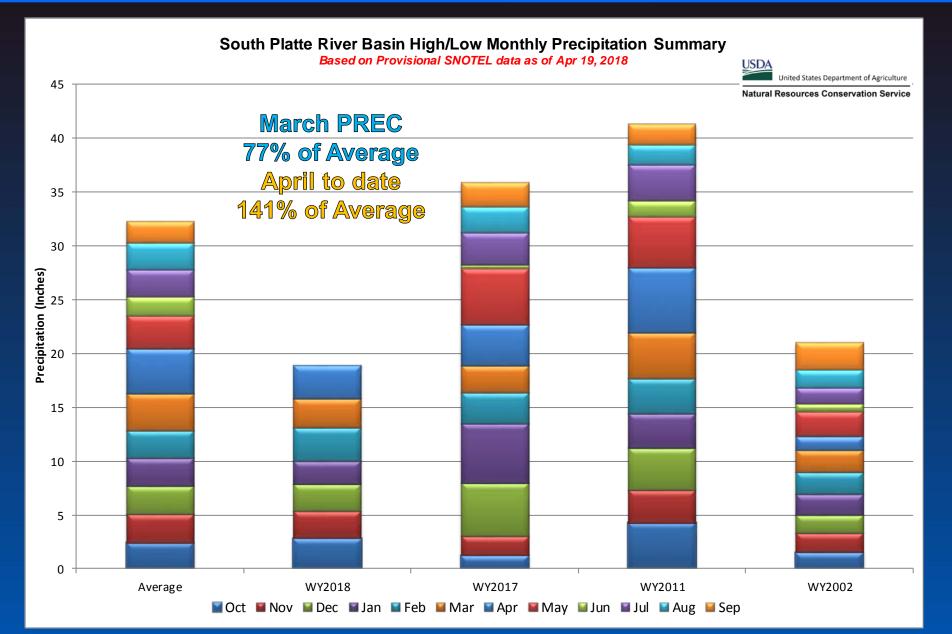
Major Basin Summary



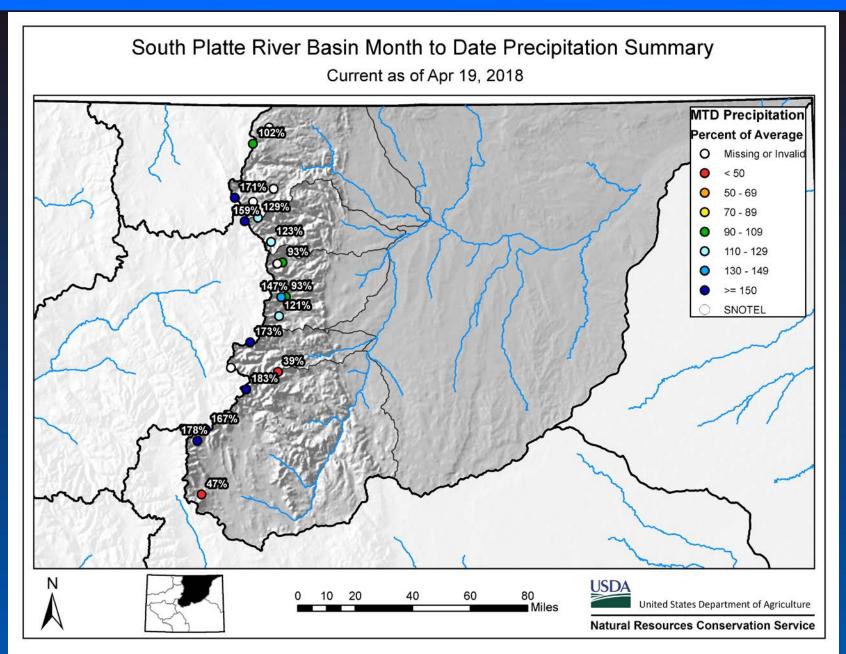




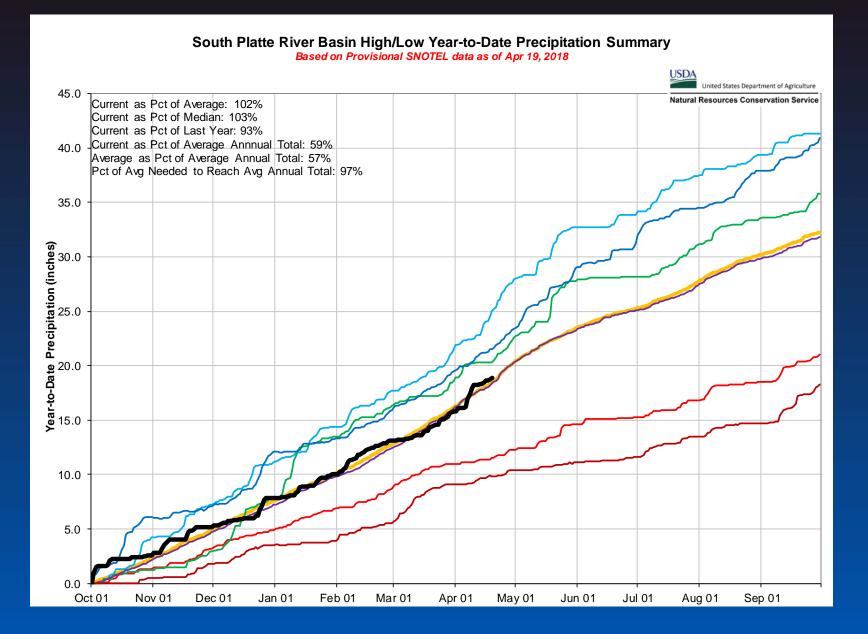




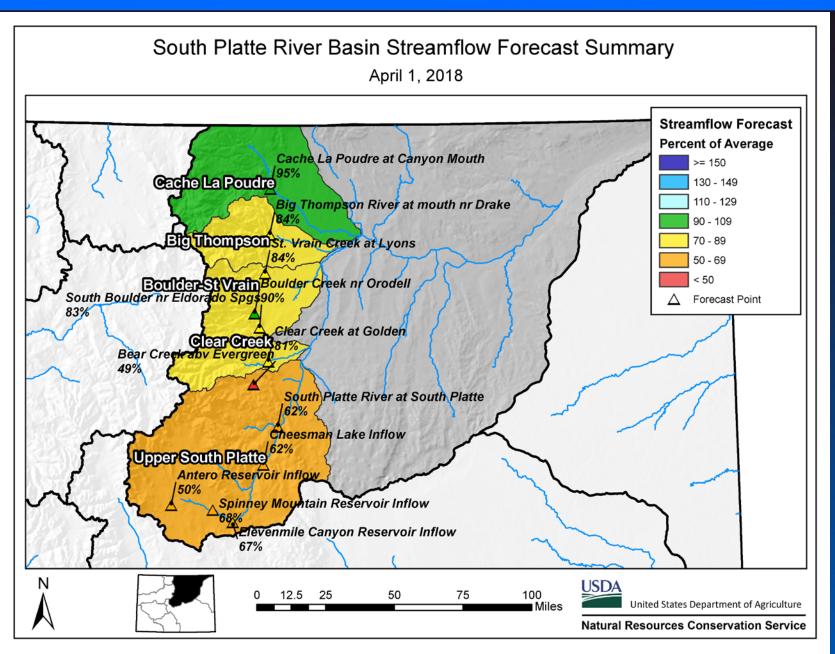








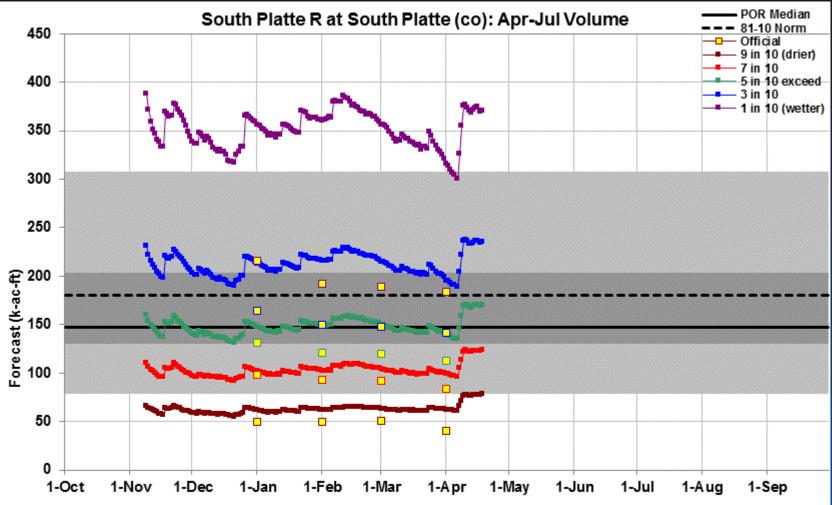






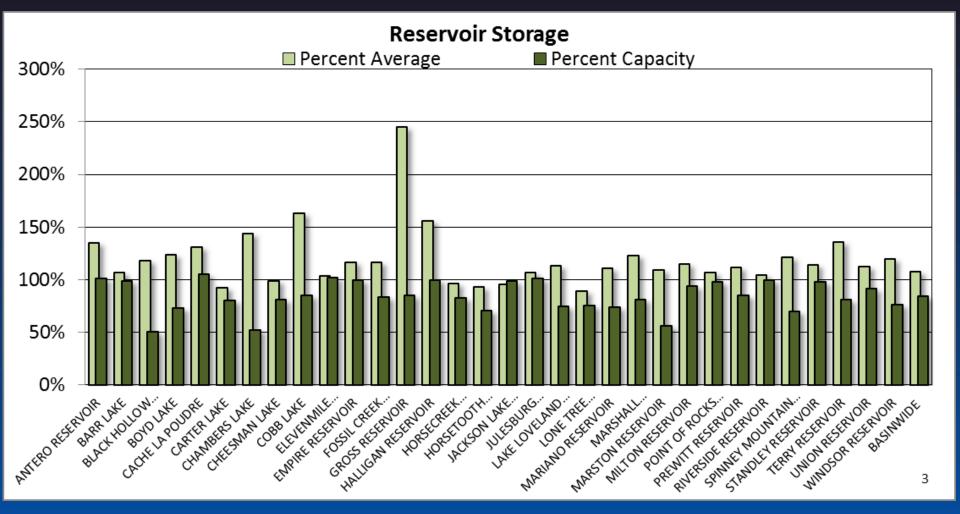
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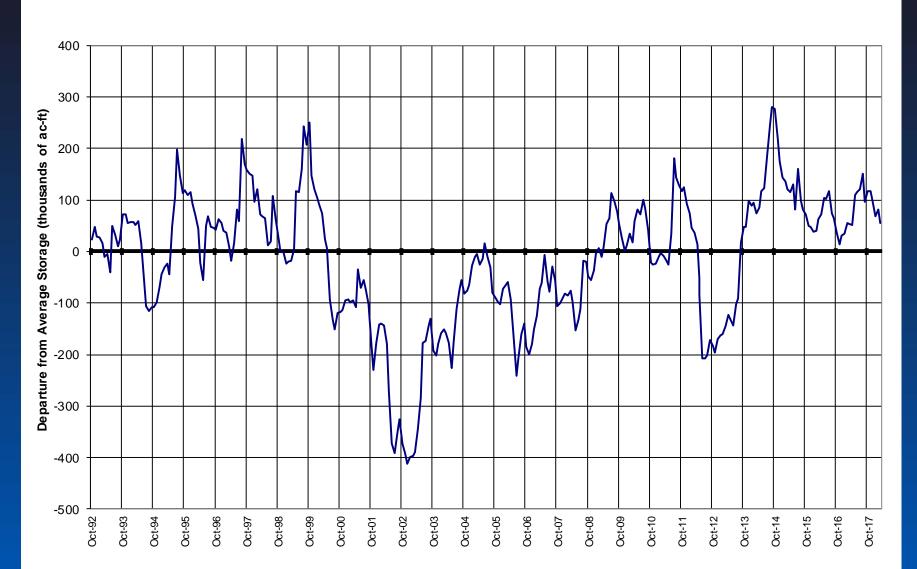


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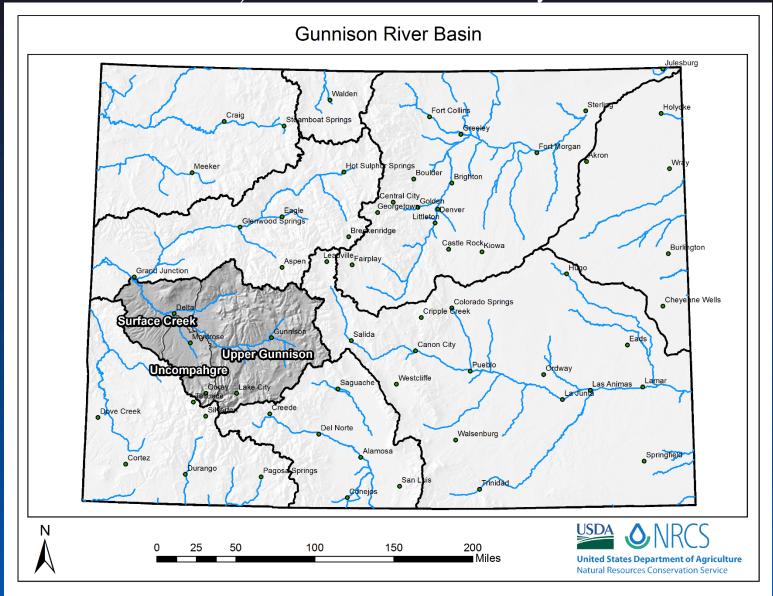
SOUTH PLATTE RIVER BASIN Reservoir Storage Departure from Average





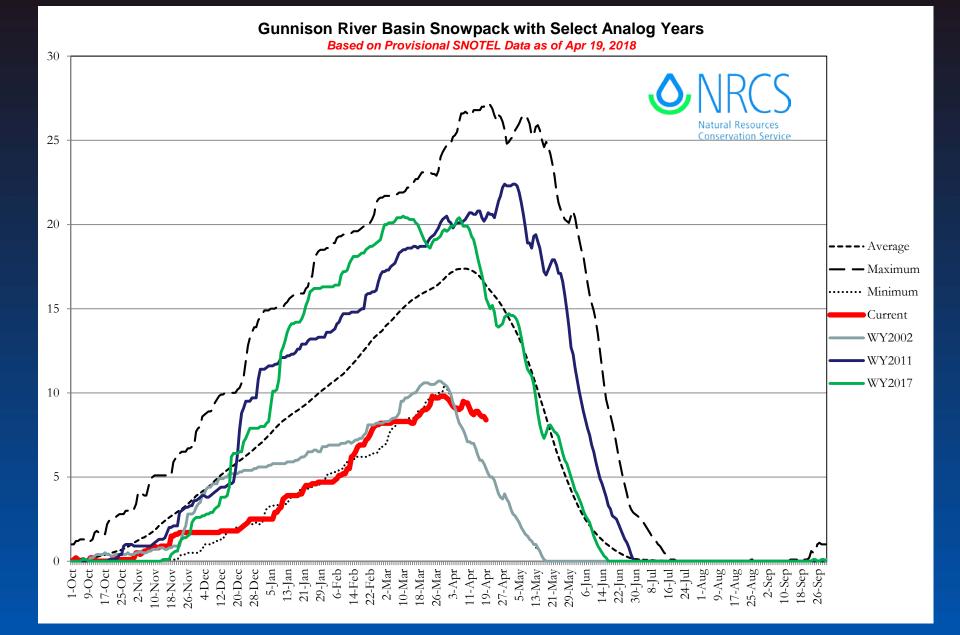
Colorado Snow Surveys

Major Basin Summary



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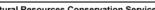


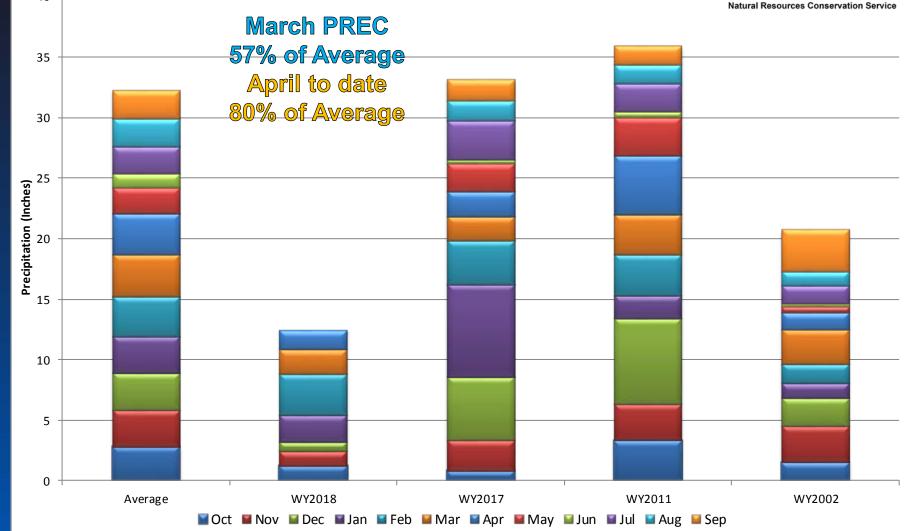
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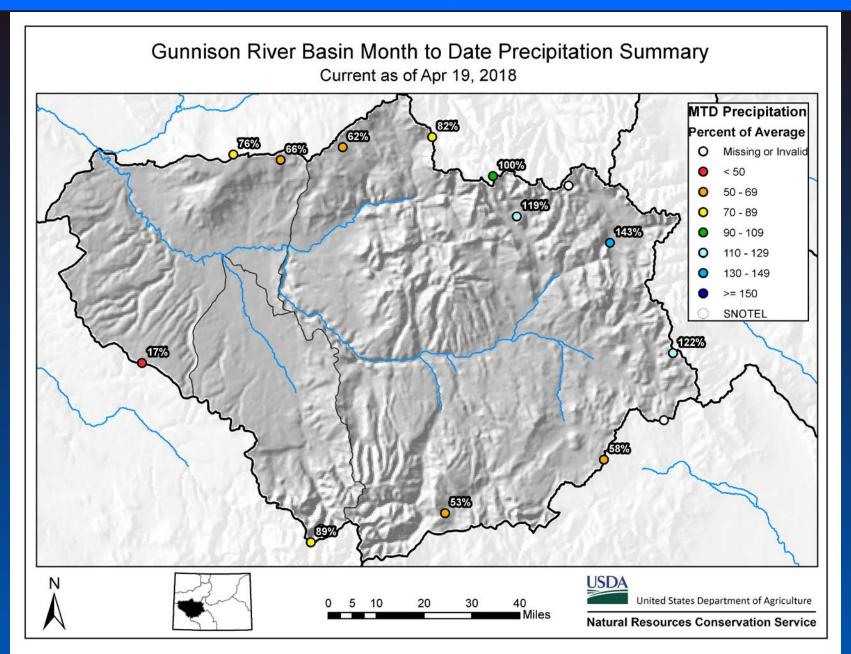


Based on Provisional SNOTEL data as of Apr 19, 2018

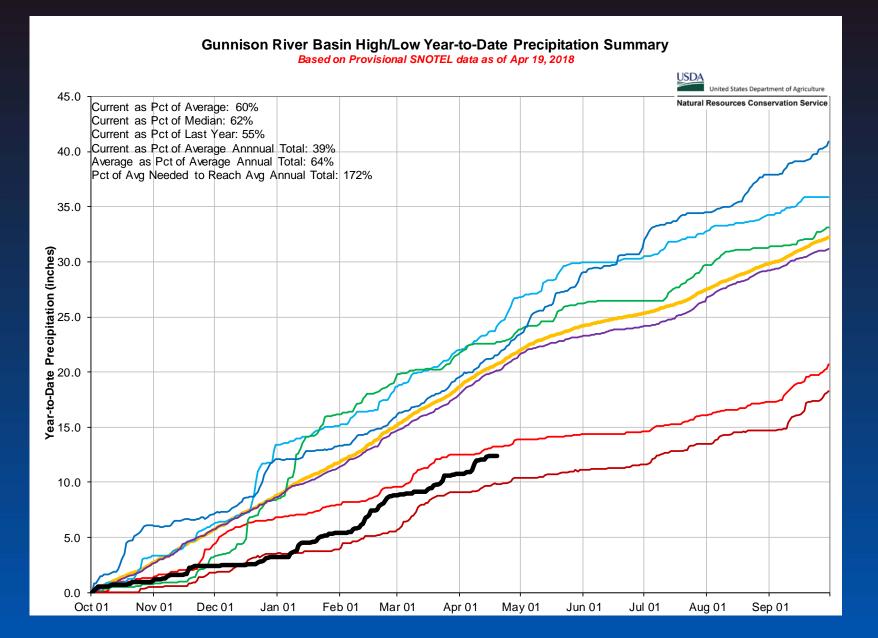
USDA United States Department of Agriculture





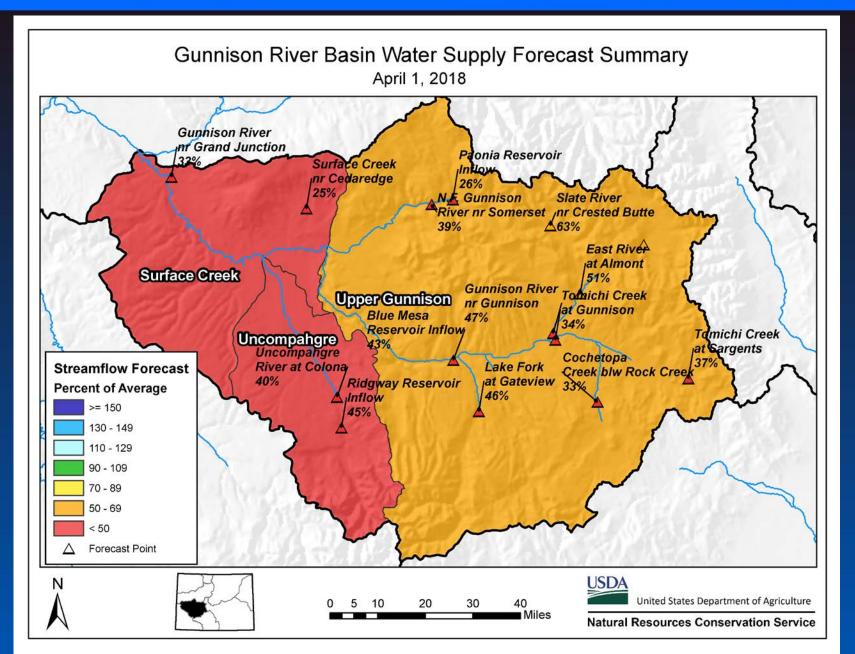






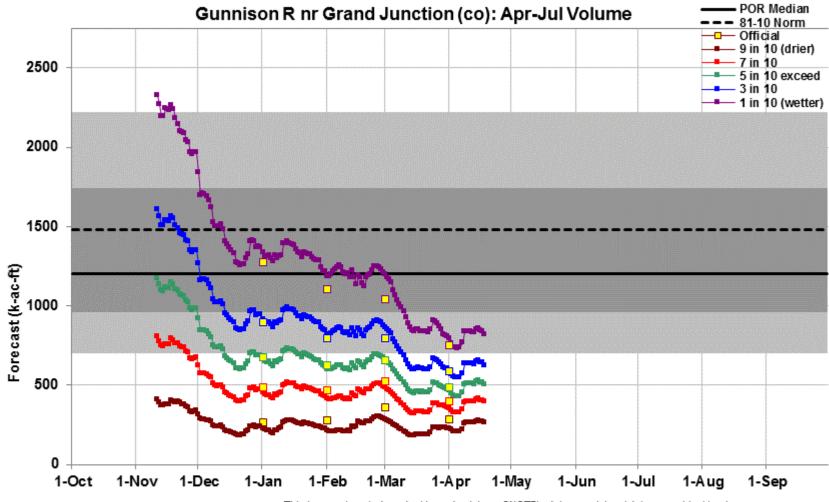
United States Department of Agriculture

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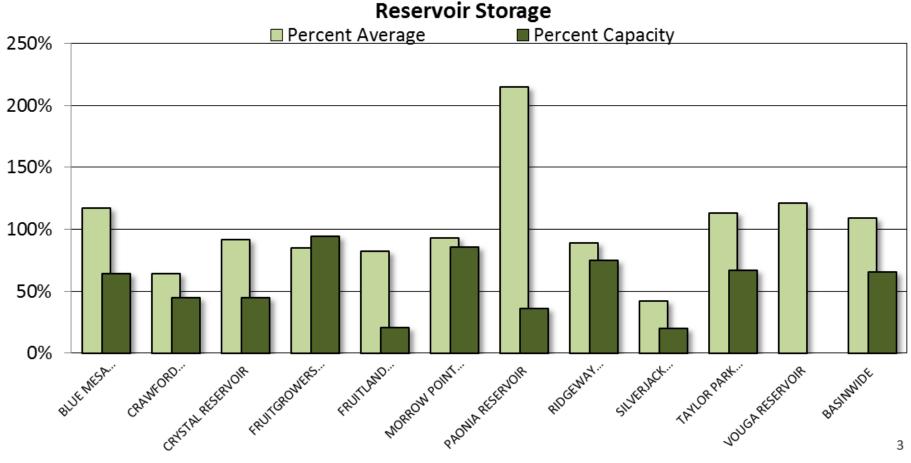
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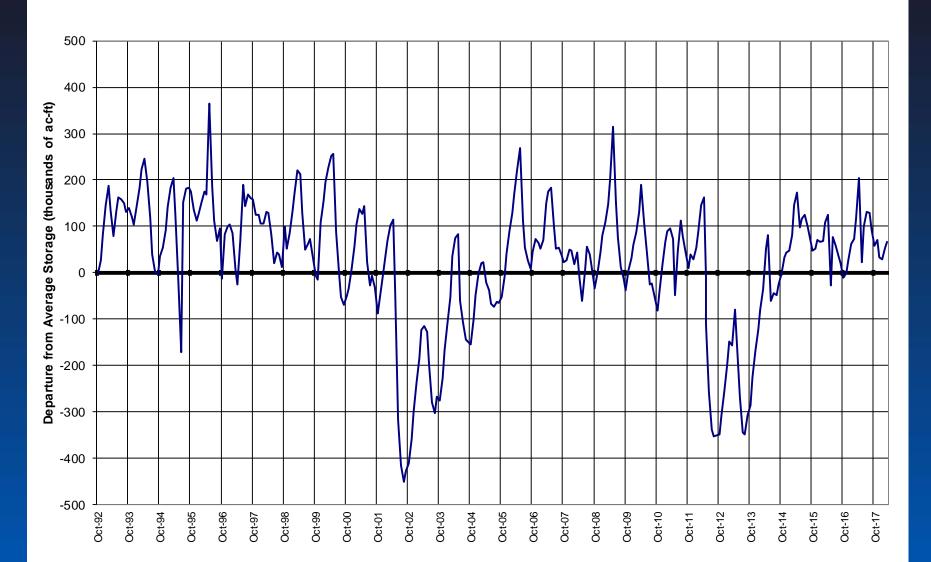
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GUNNISON RIVER BASIN Reservoir Storage Departure from Average

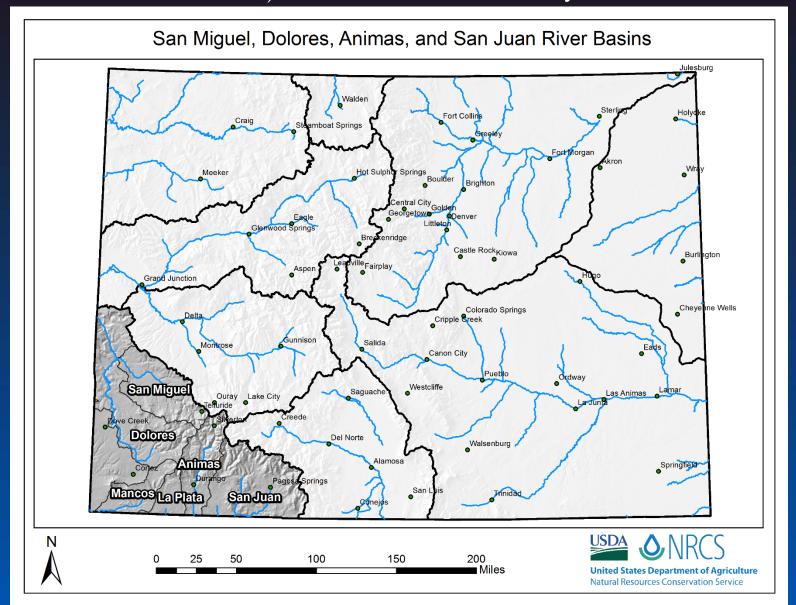


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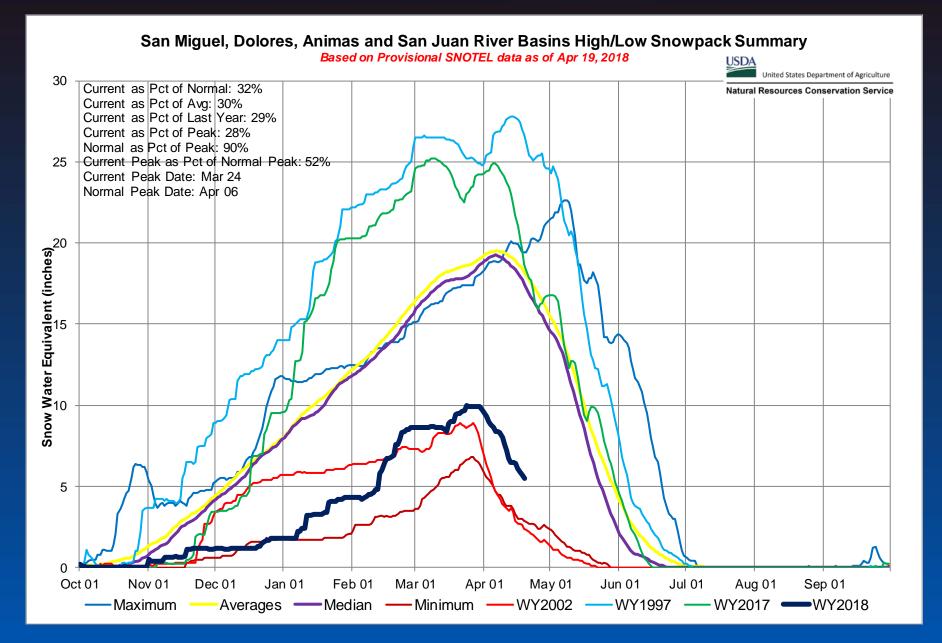
USDA

Colorado Snow Surveys

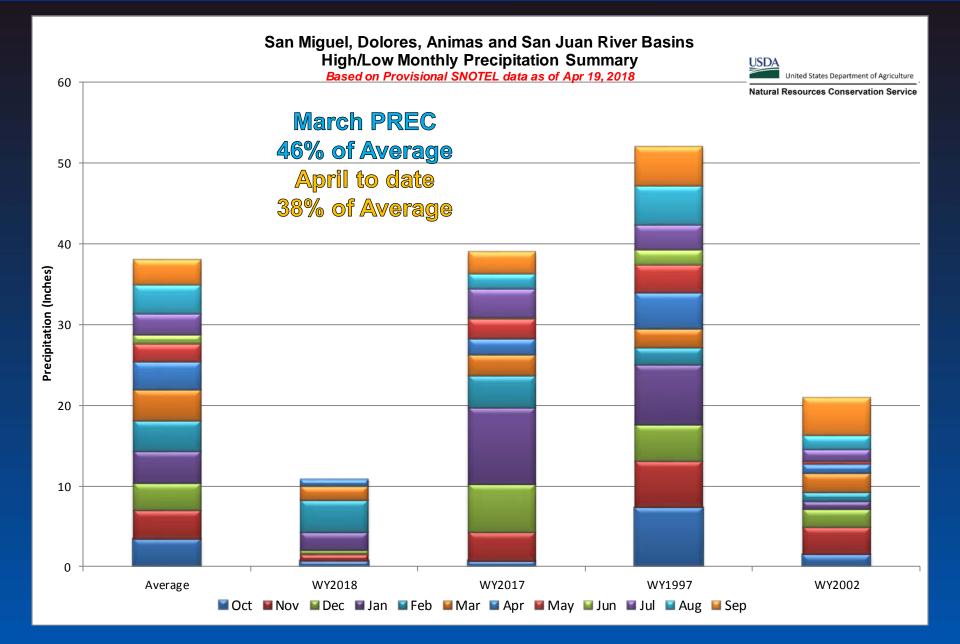
Major Basin Summary

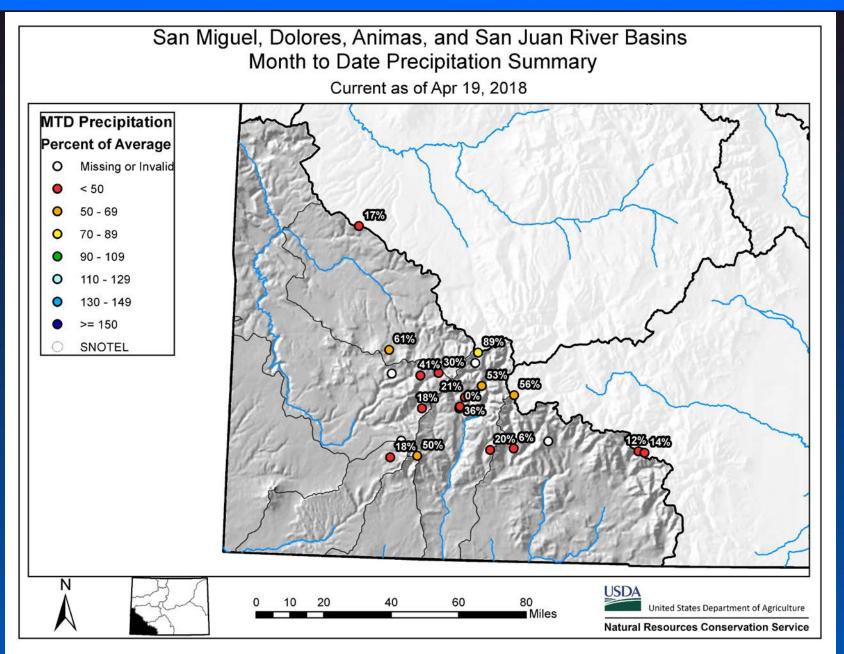




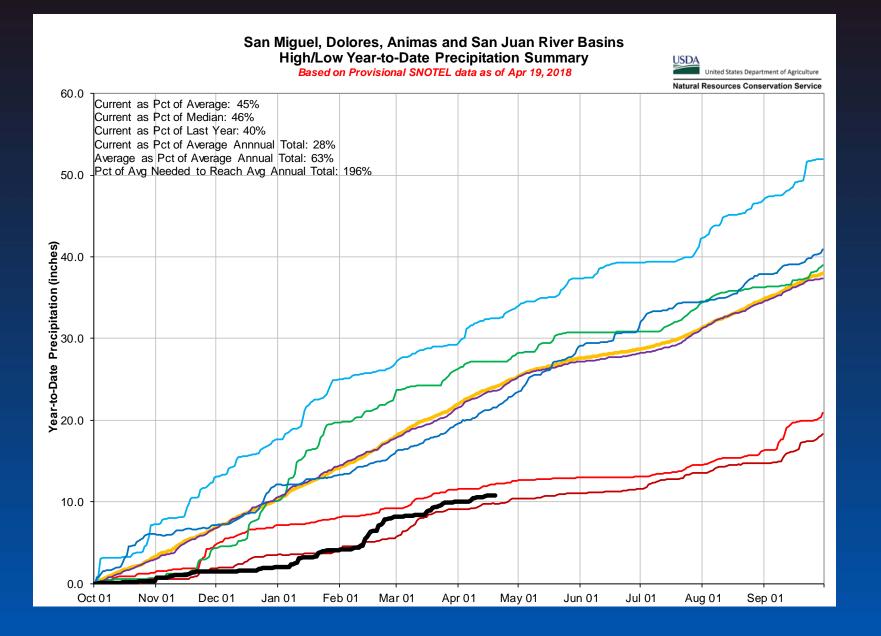




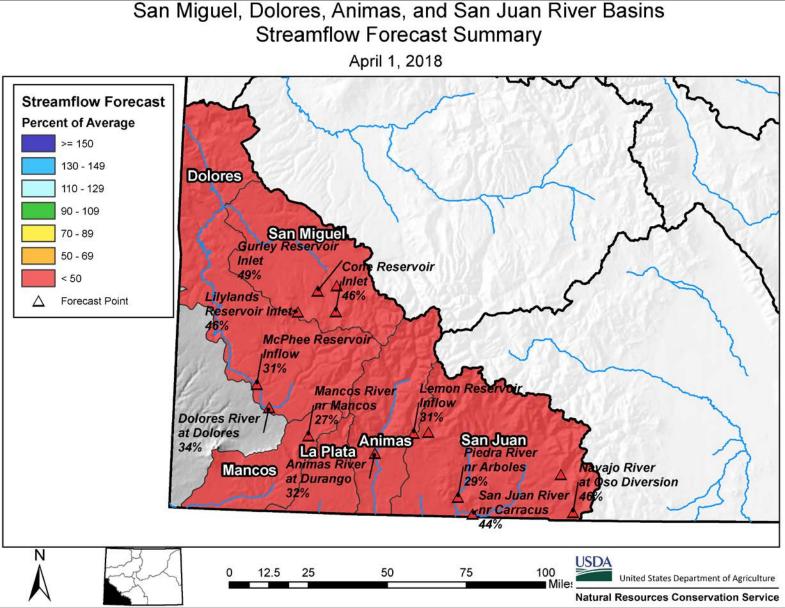








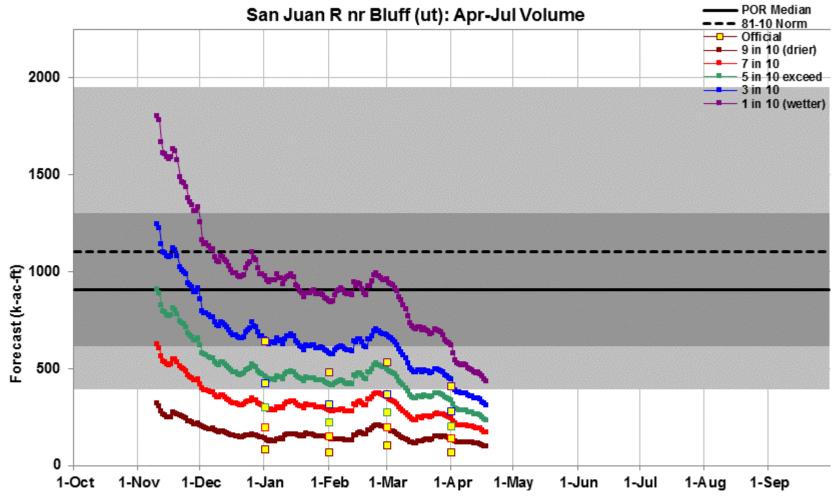






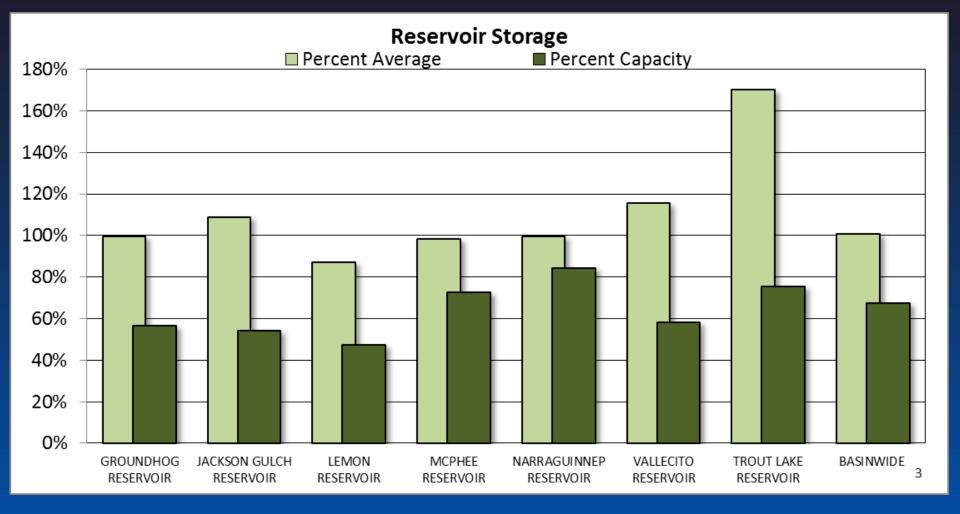
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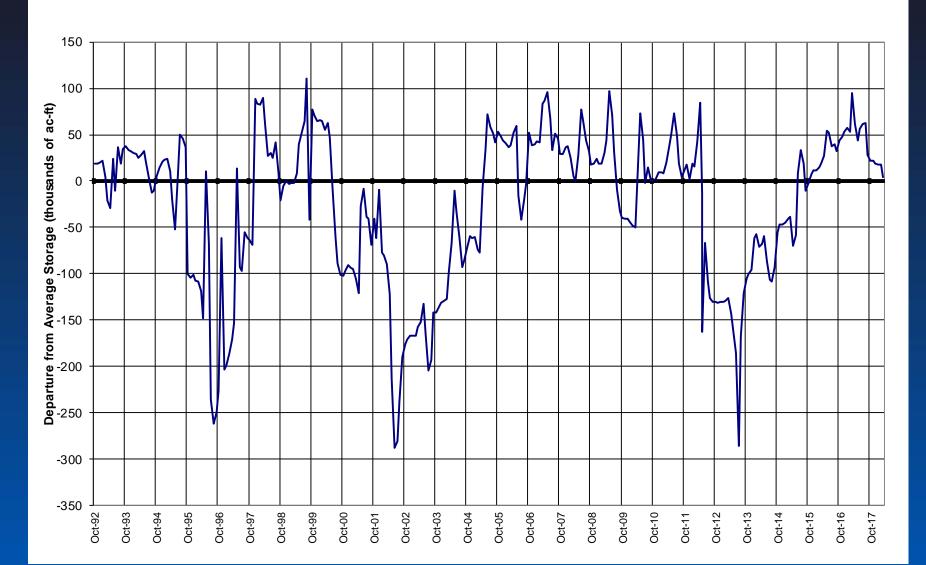






SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS Reservoir Storage

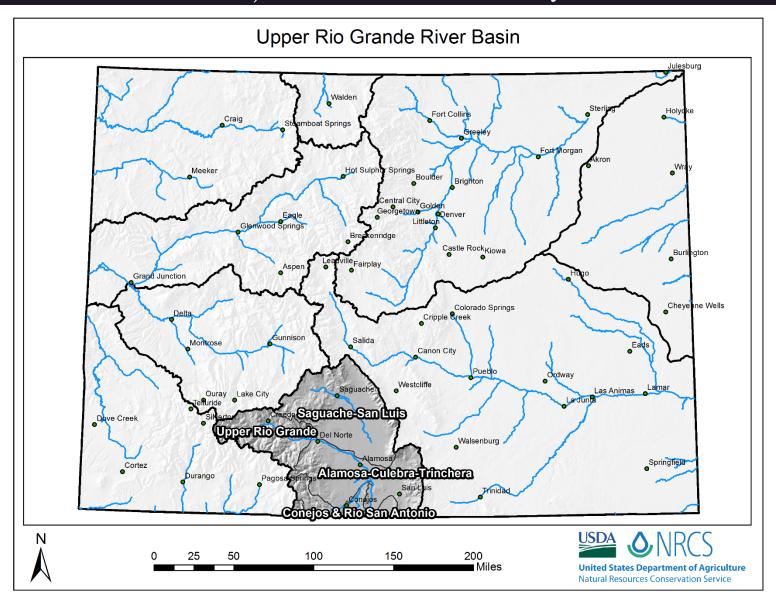
Departure from Average



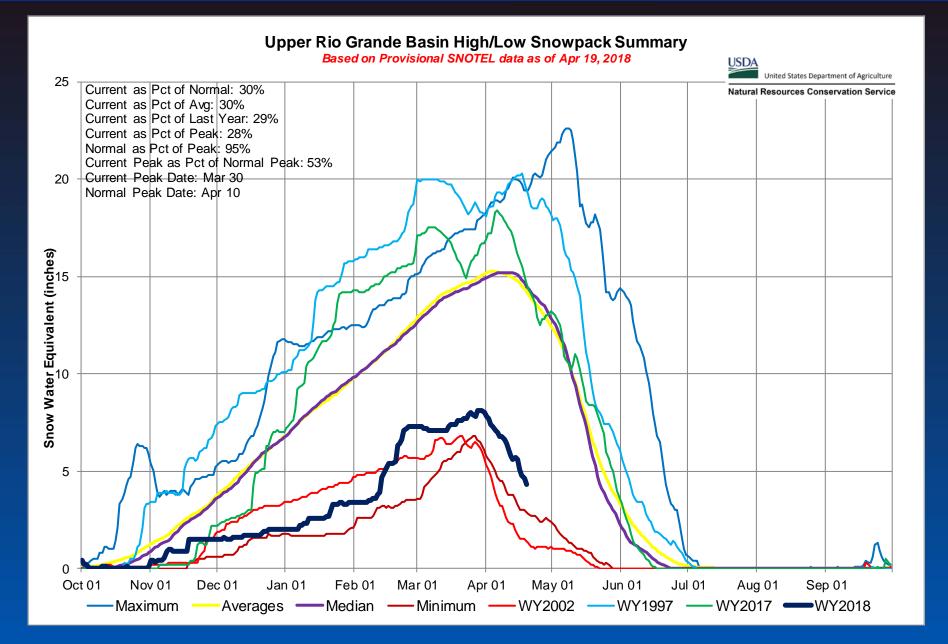


Colorado Snow Surveys

Major Basin Summary







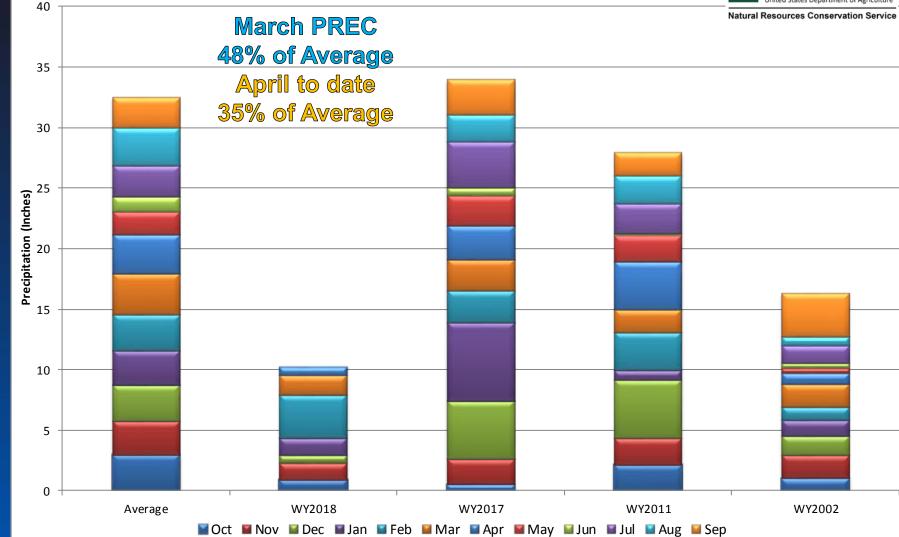


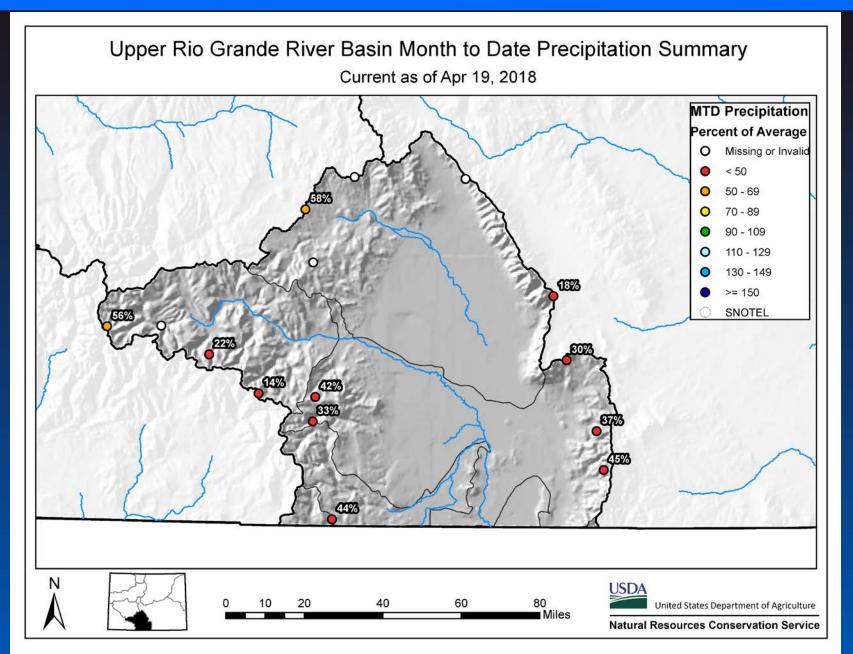


Based on Provisional SNOTEL data as of Apr 19, 2018

USDA United State

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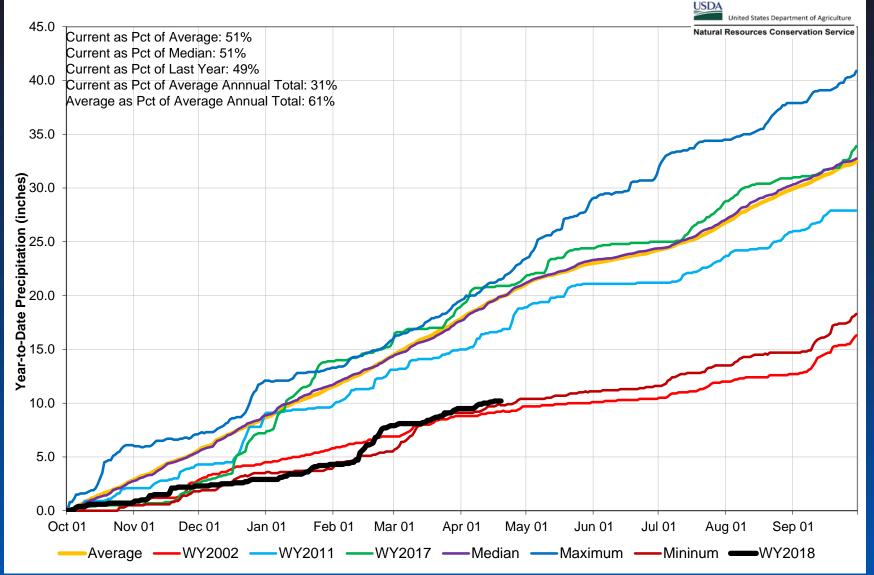




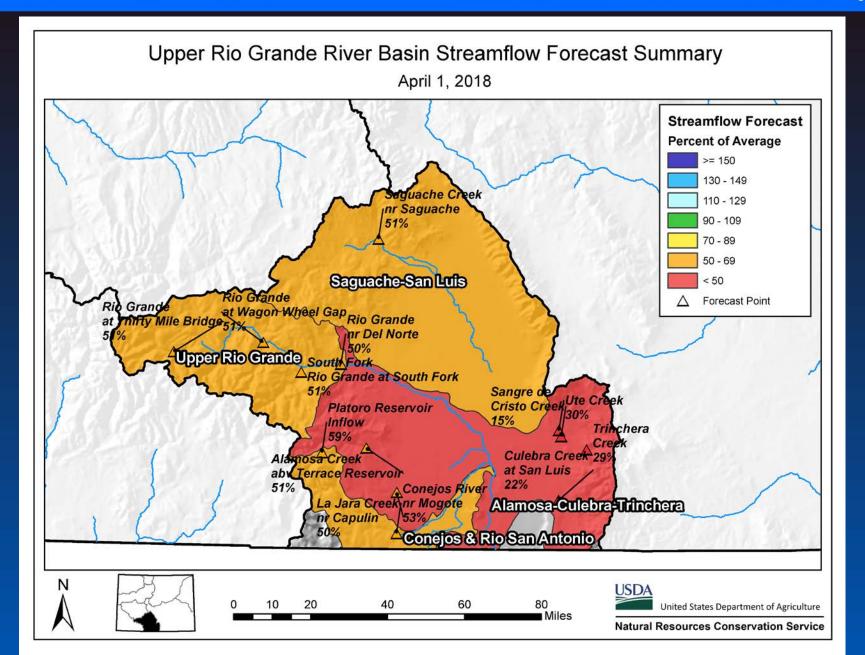








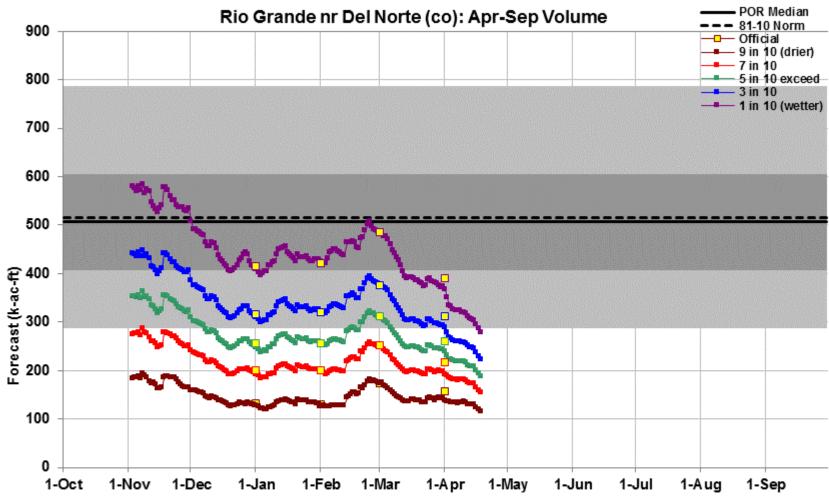






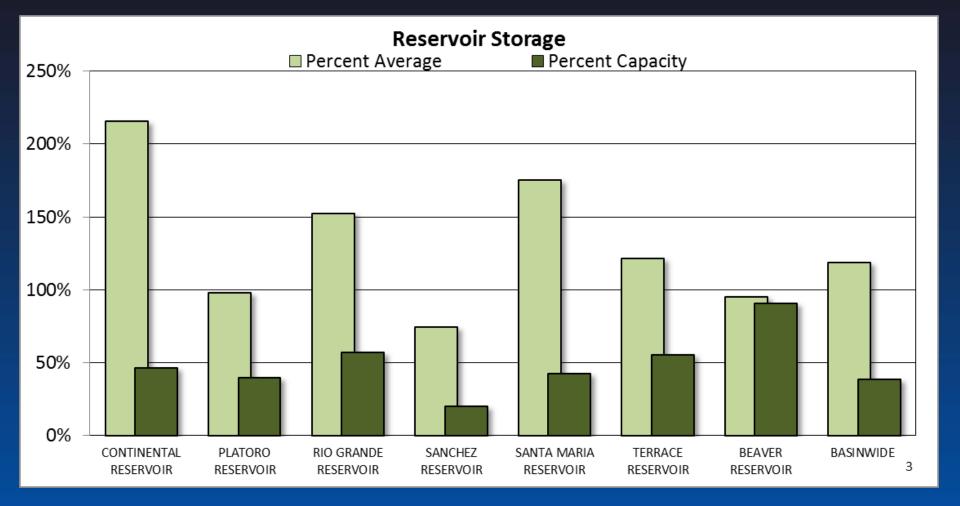
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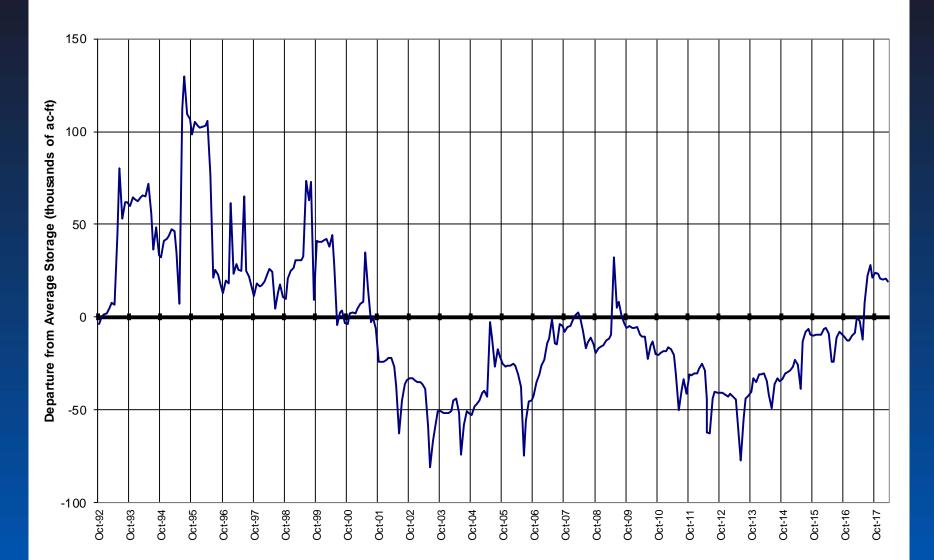
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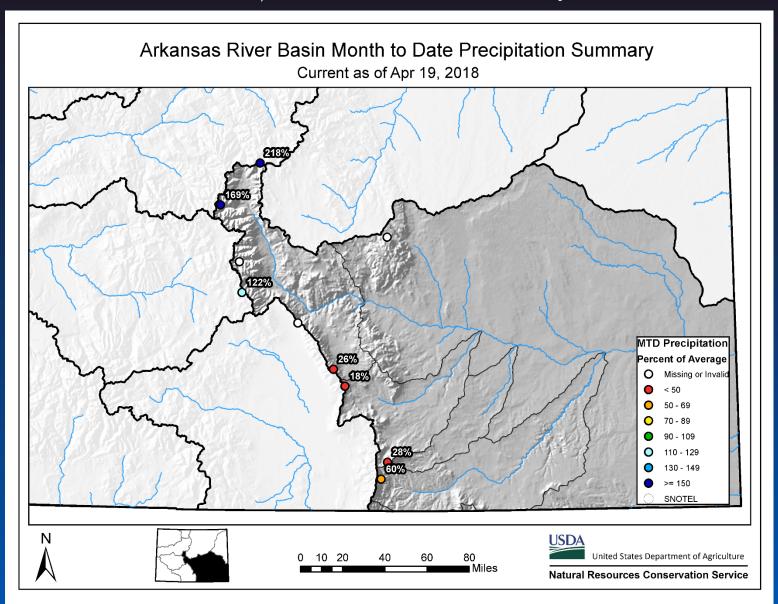


UPPER RIO GRANDE BASIN Reservoir Storage Departure from Average

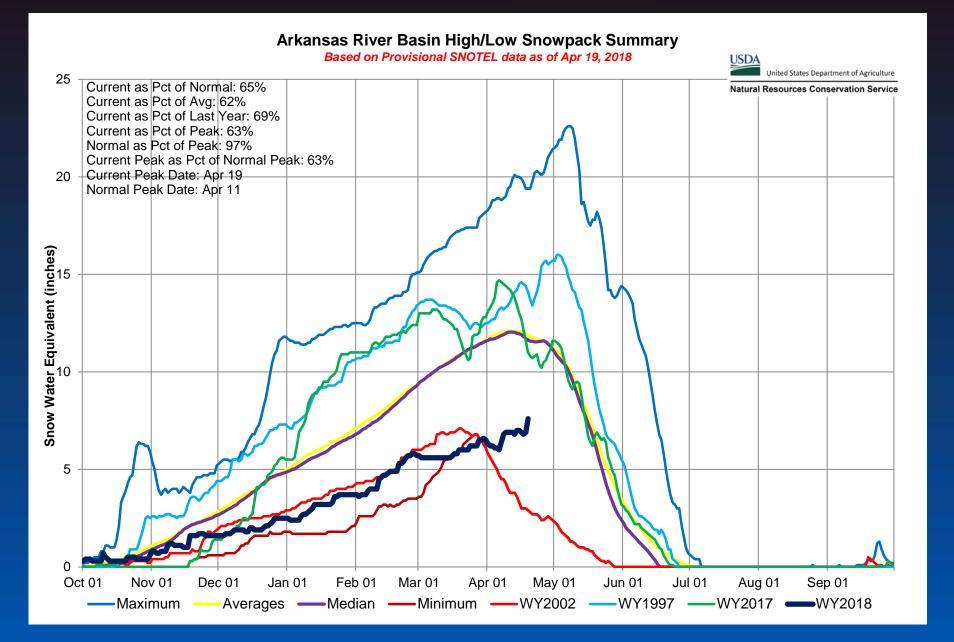




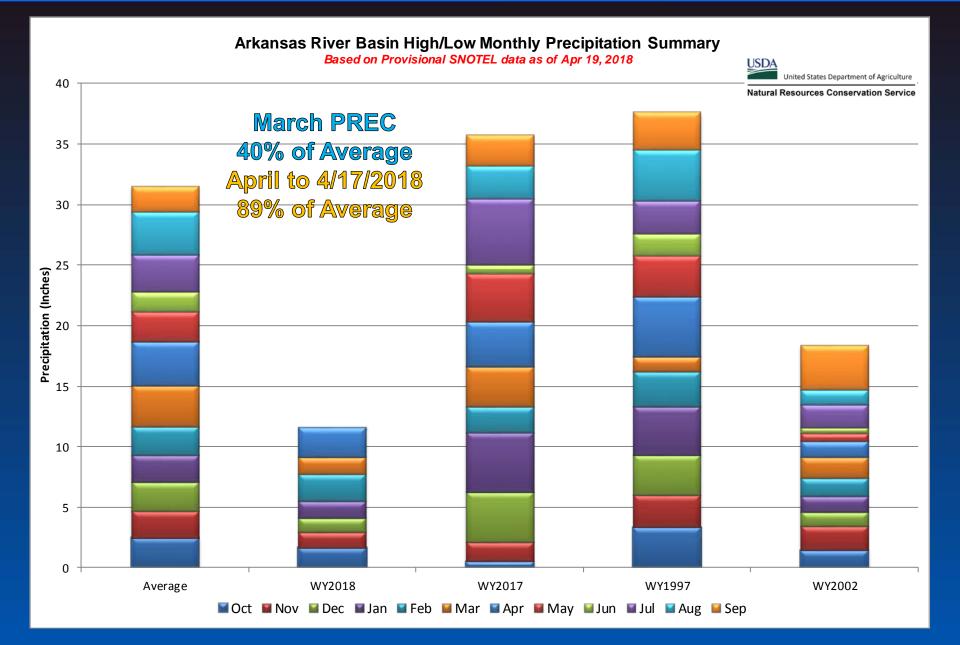
Major Basin Summary



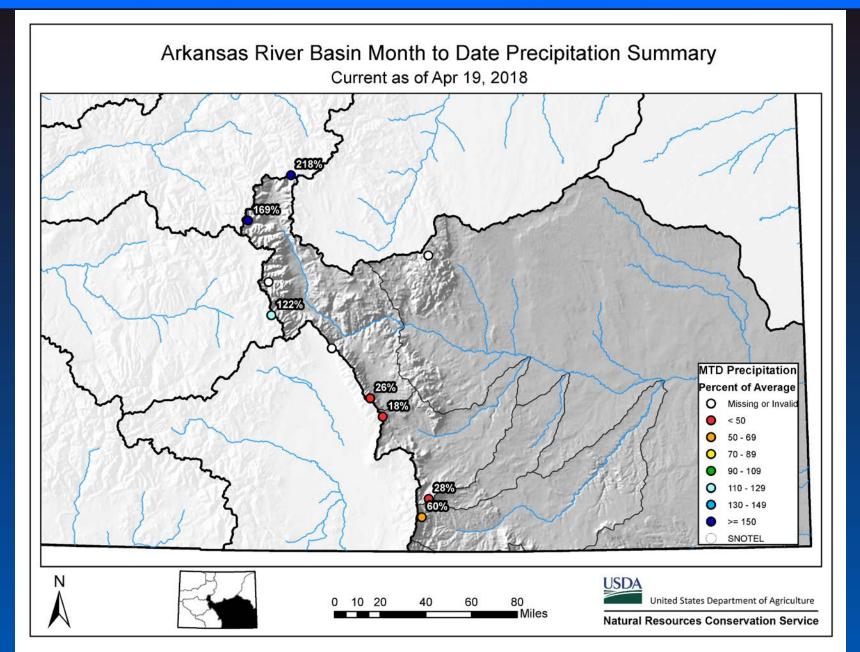




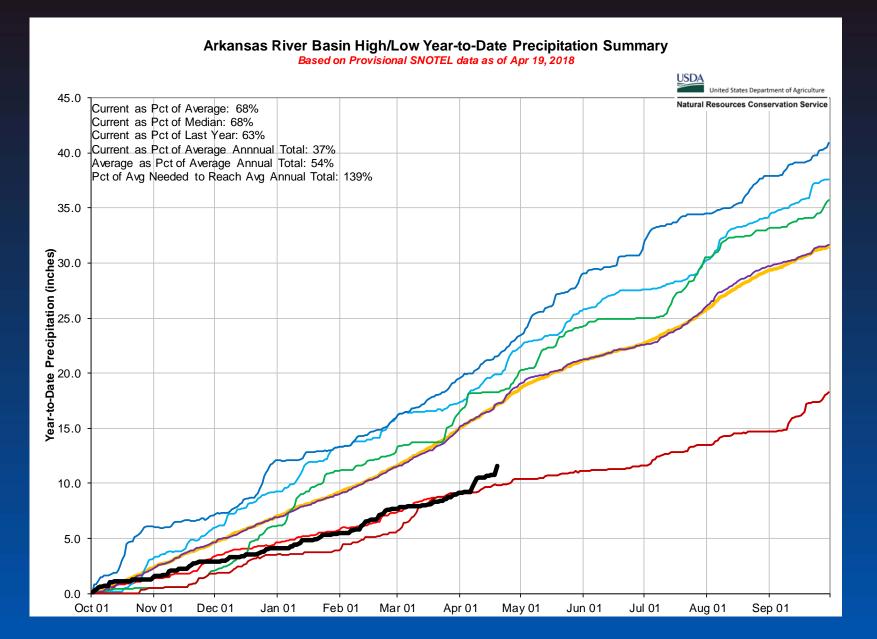




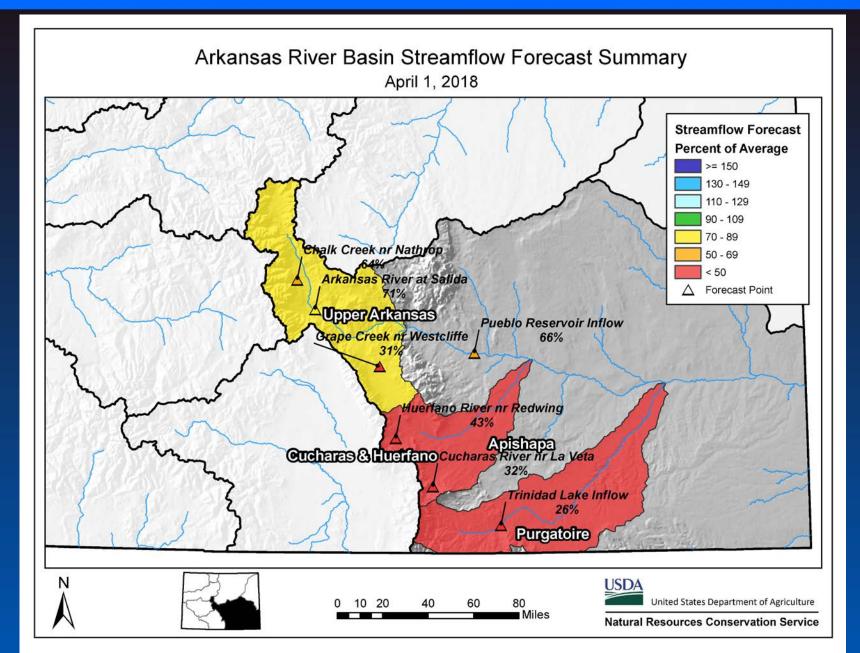






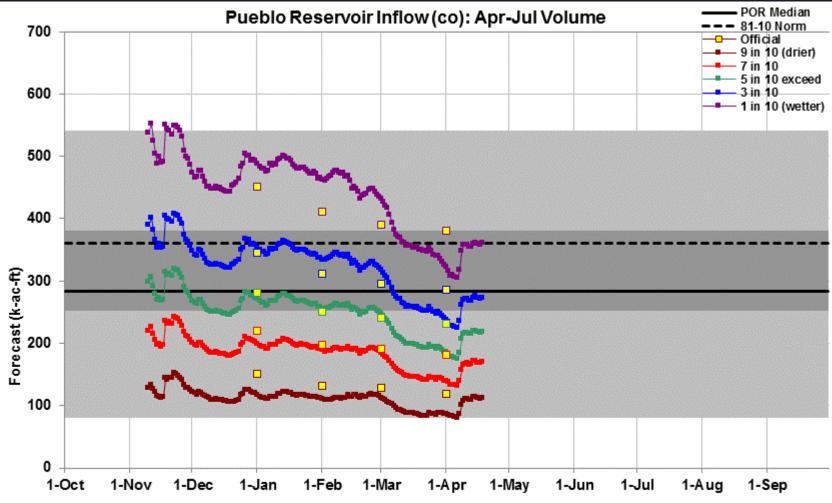






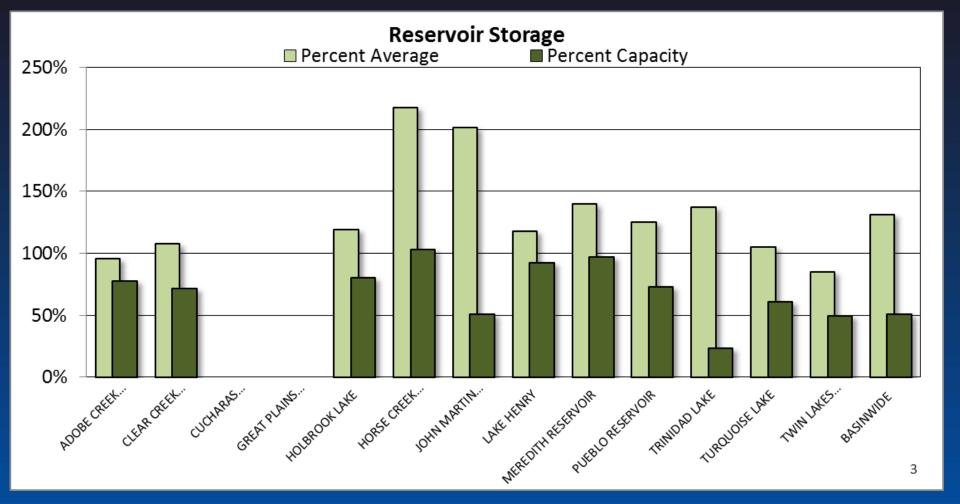


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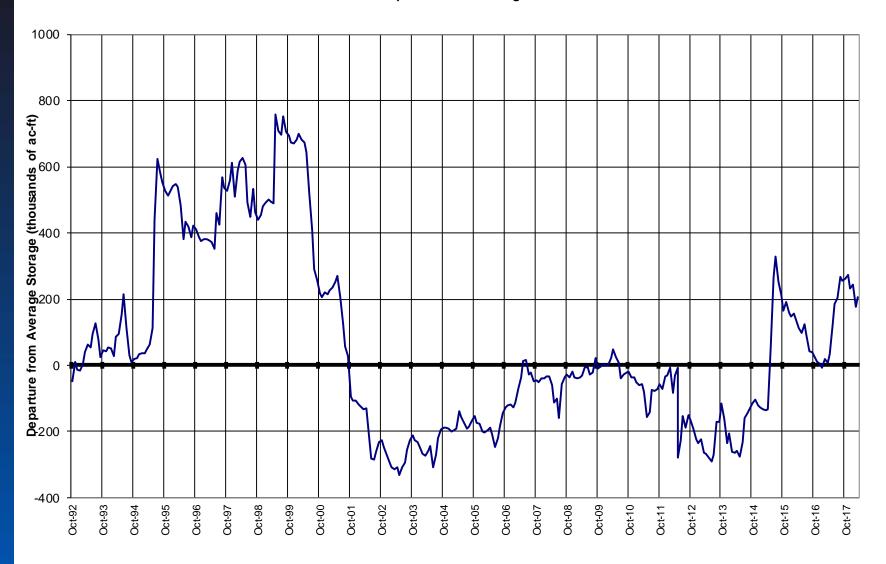
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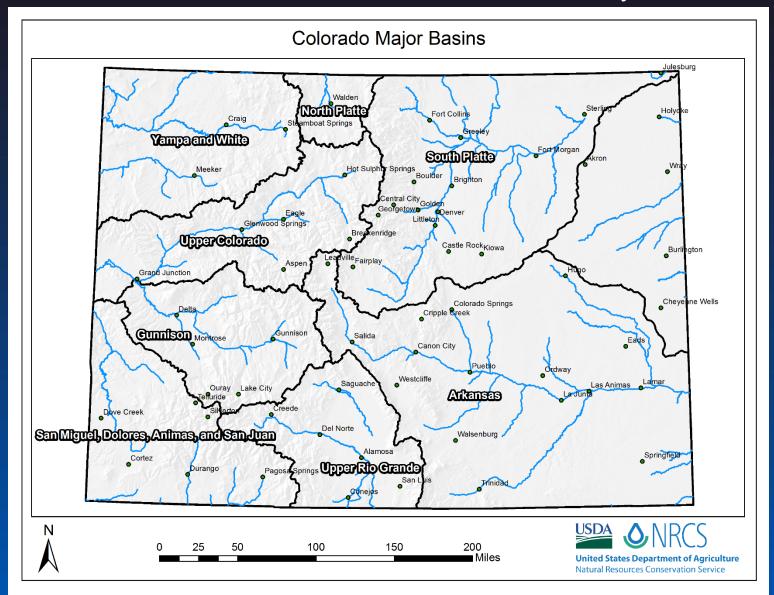


ARKANSAS RIVER BASIN Reservoir Storage Departure from Average

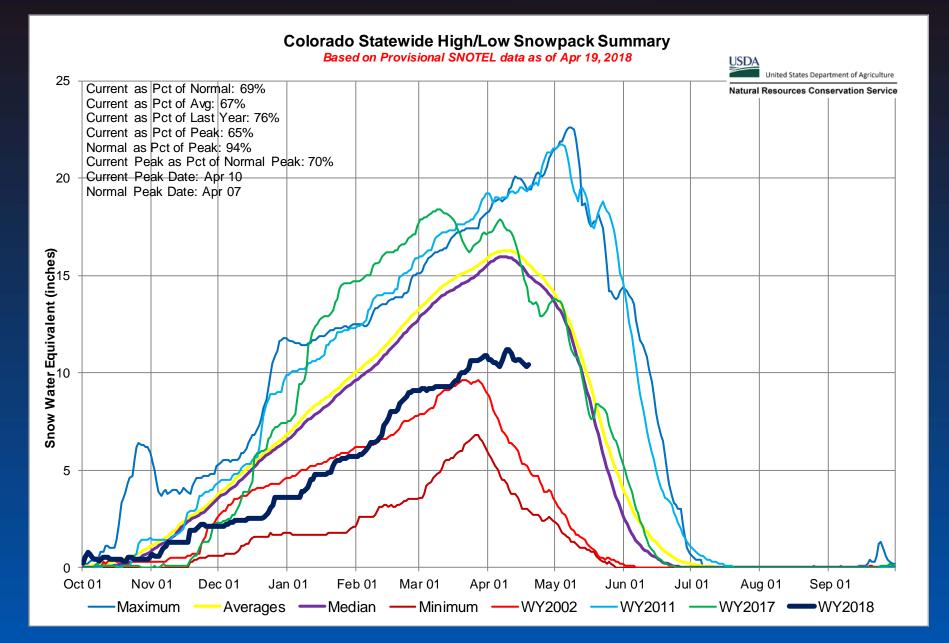


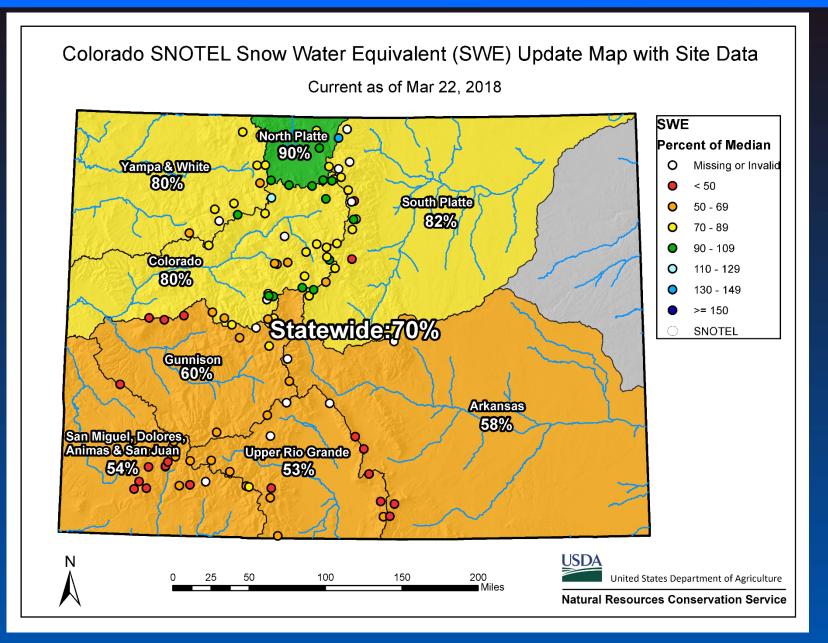


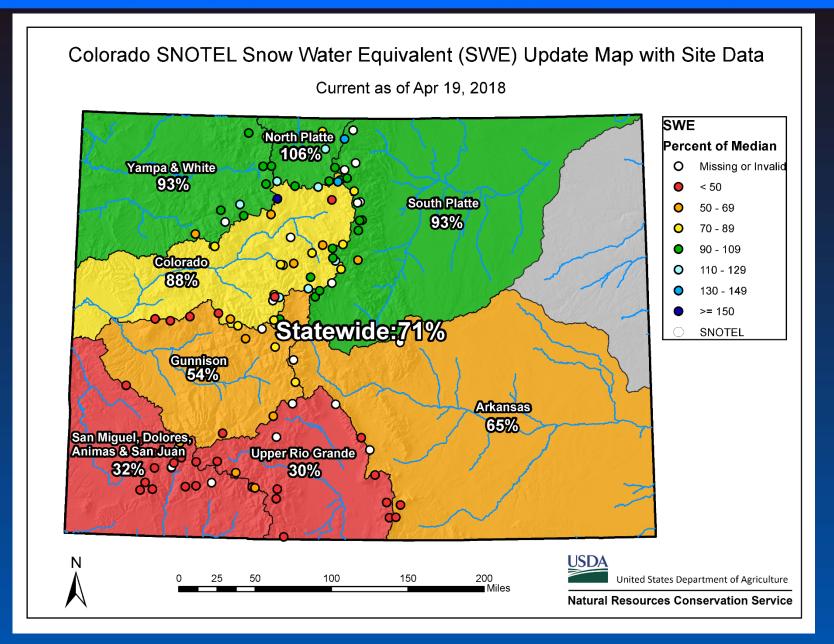
Colorado Statewide Summary

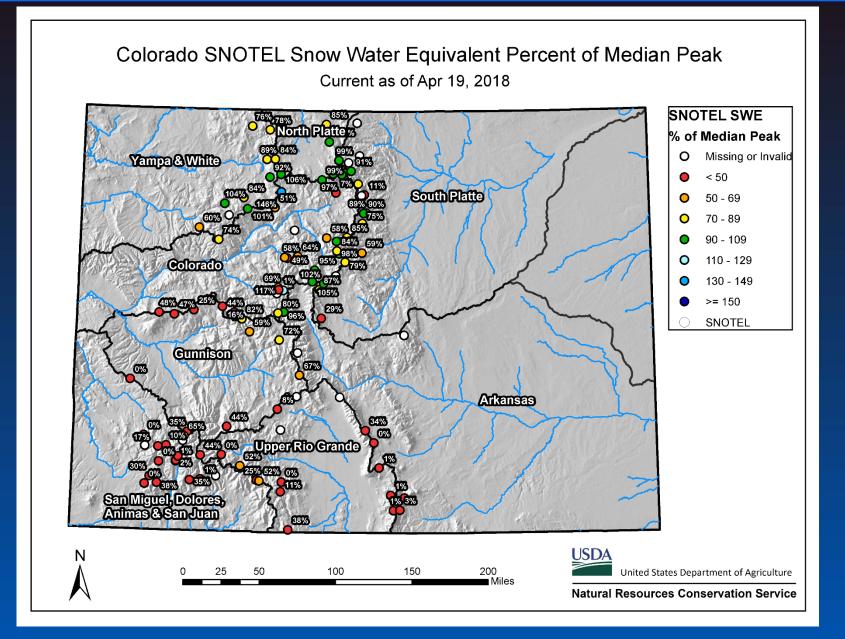










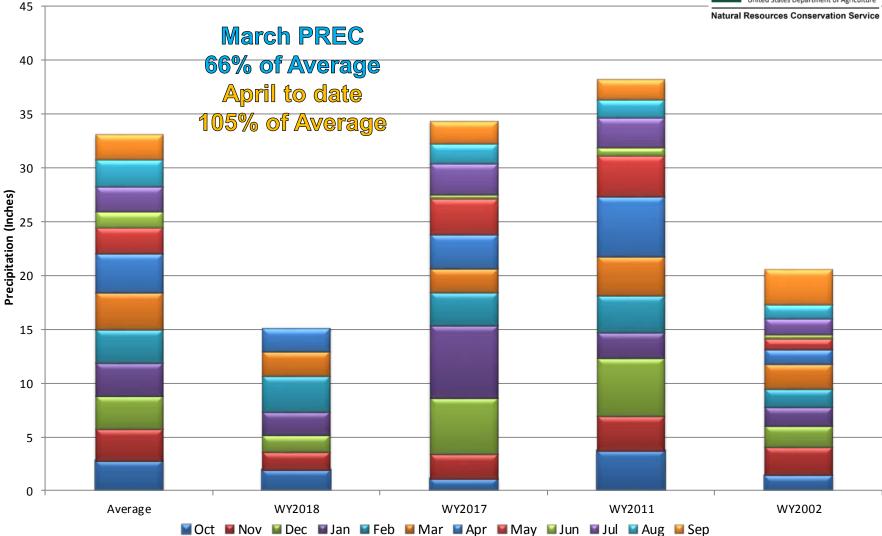


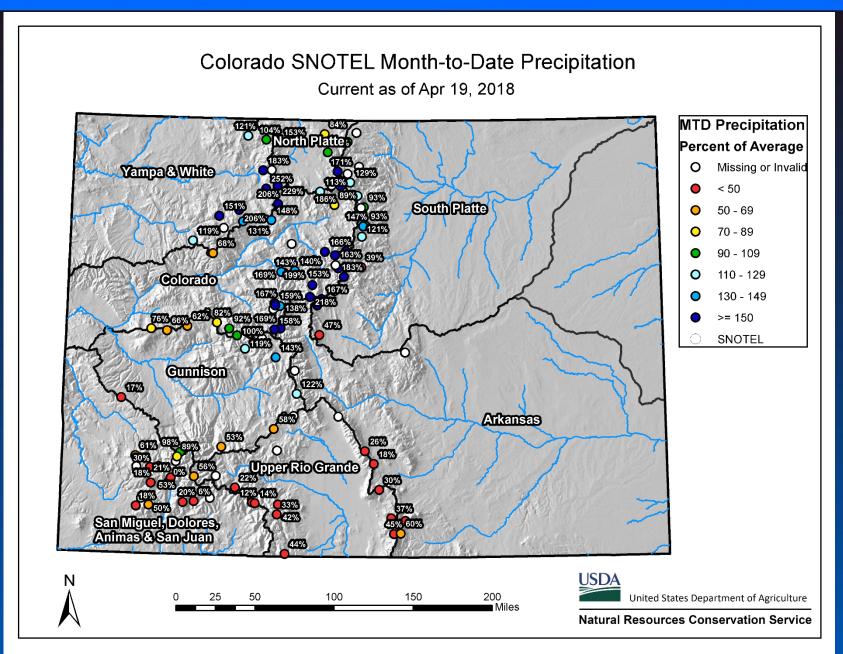




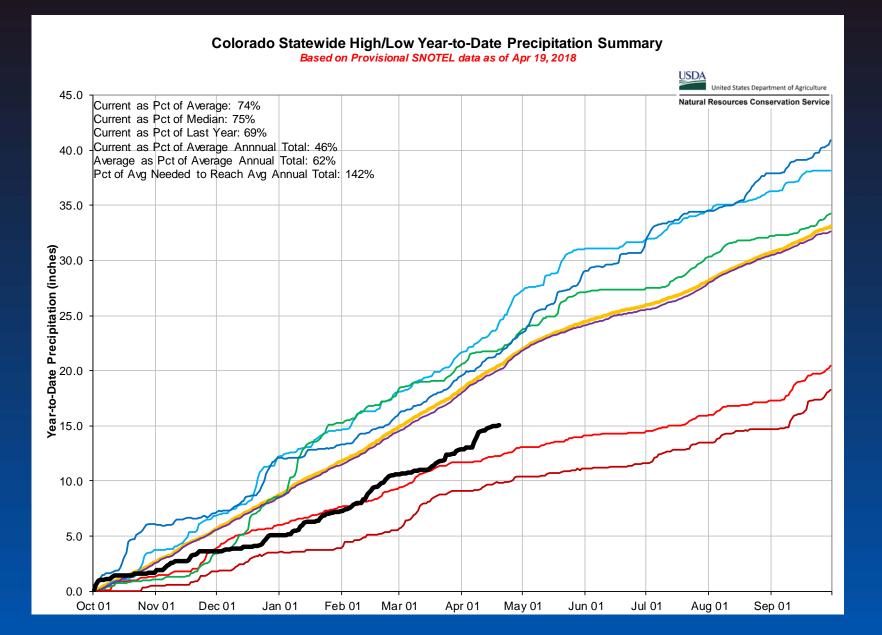
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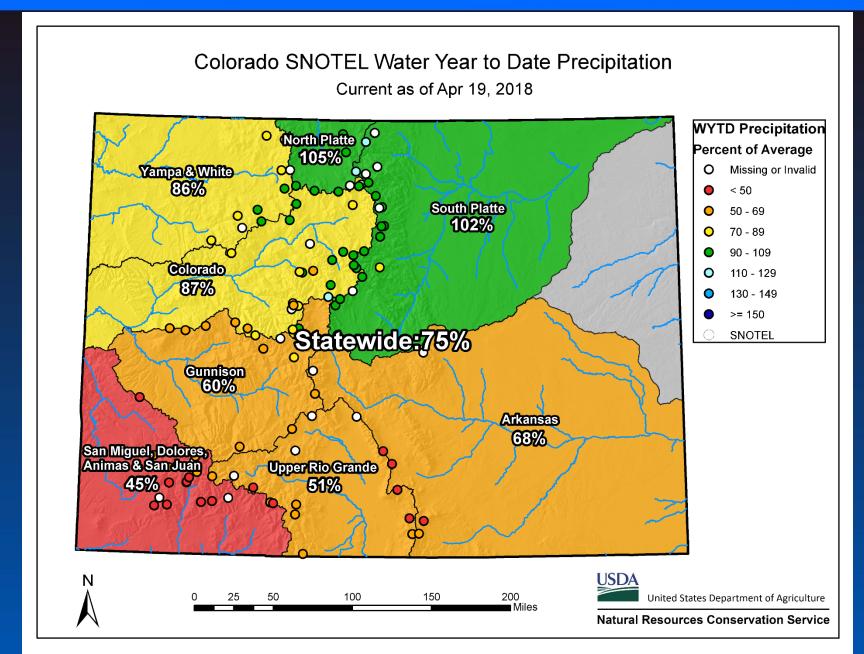




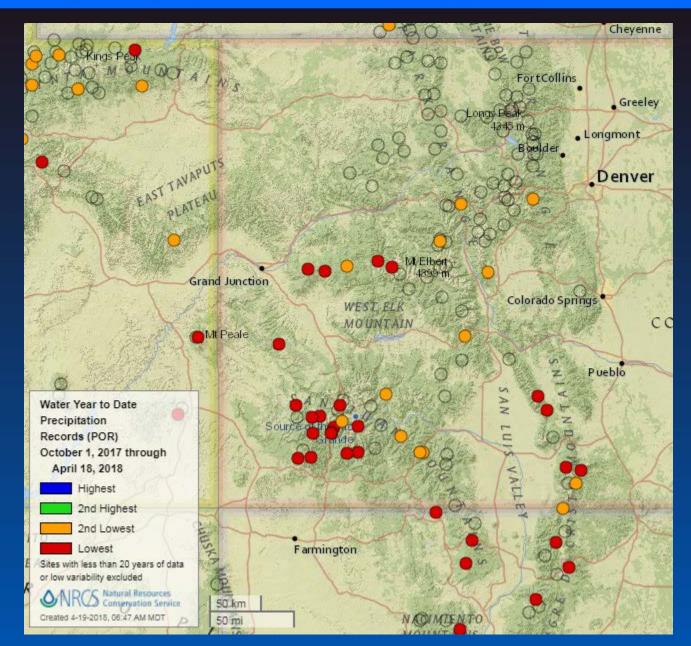






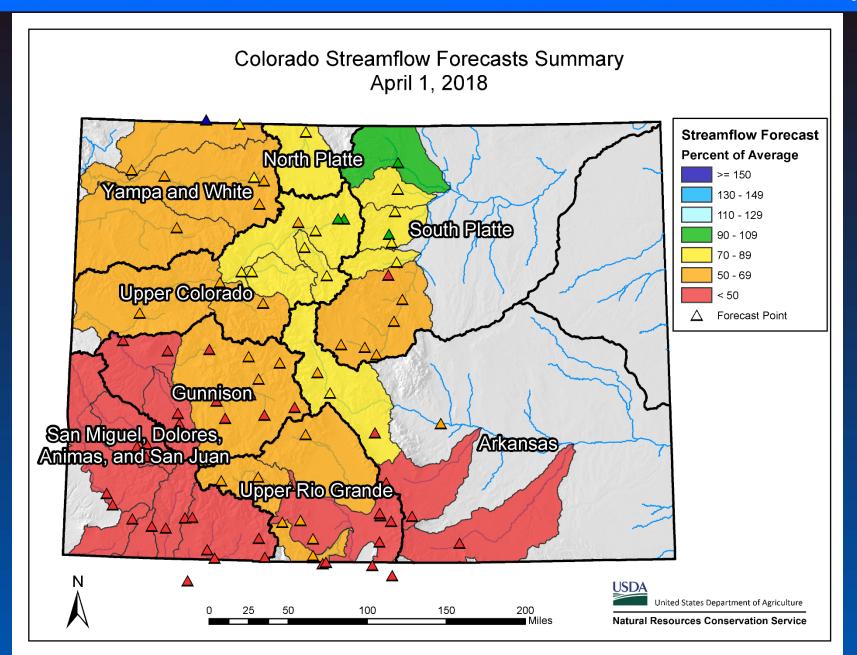




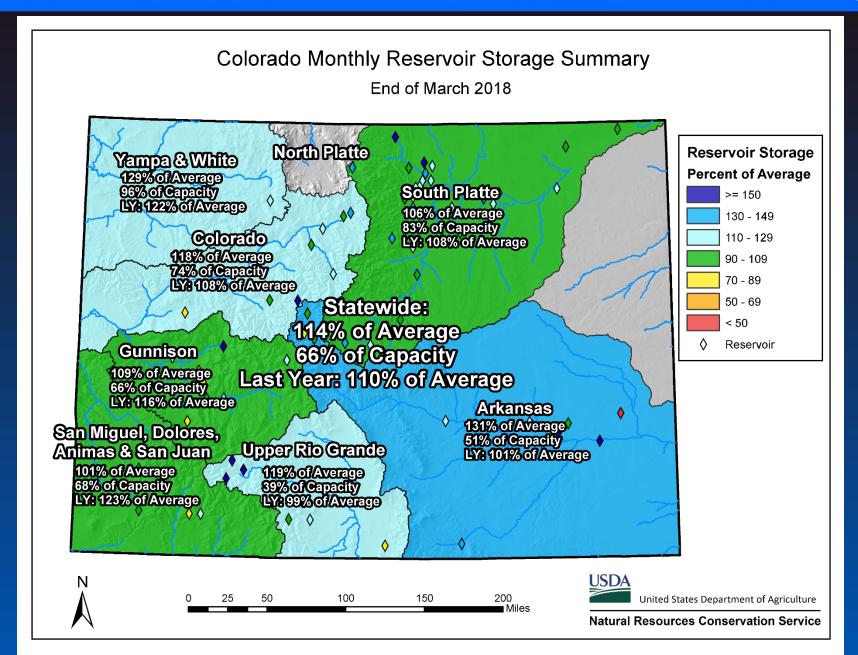


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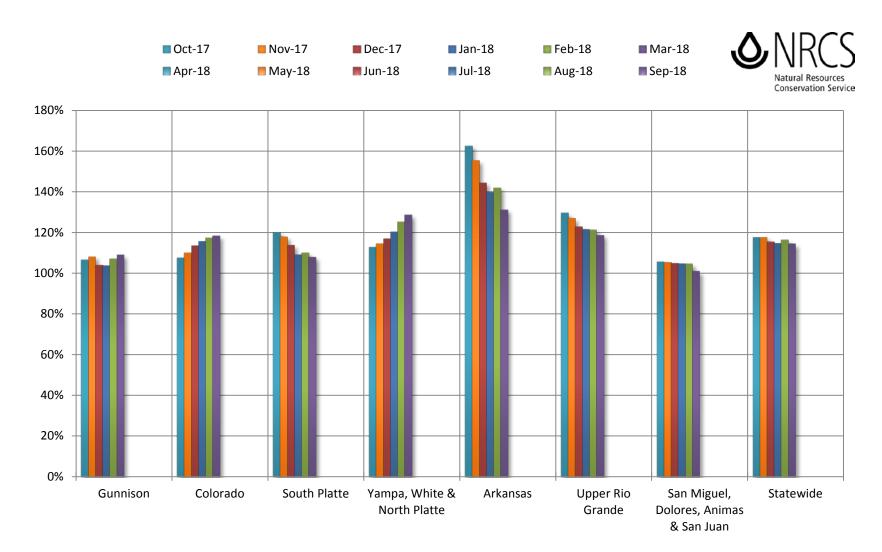


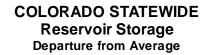


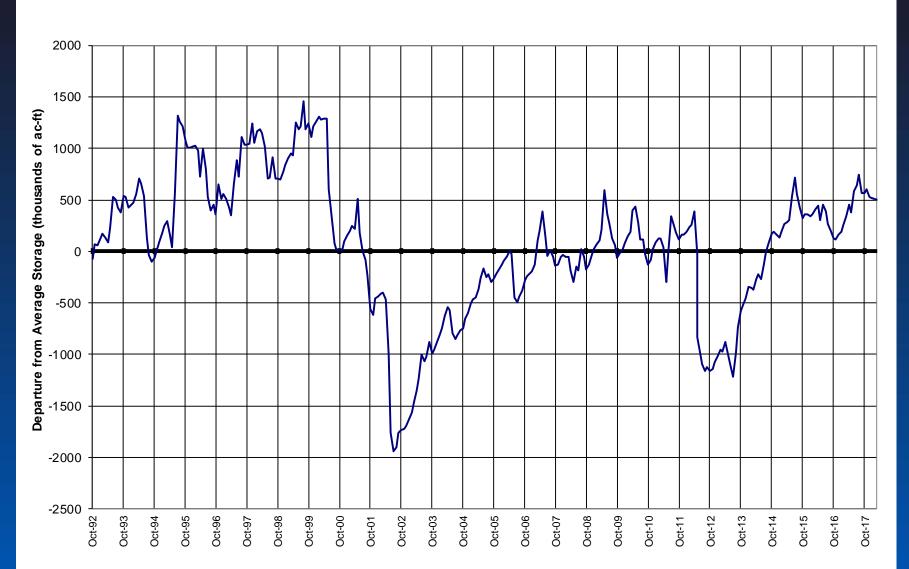




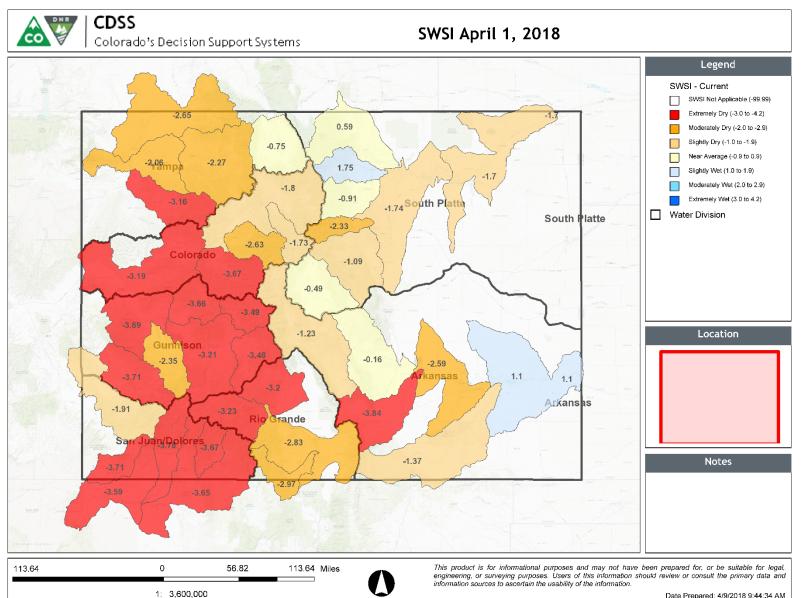
Colorado Reservoir Storage











April 1, 2018 SWSI

Summary

•Statewide snowpack remains near 70% of normal. But the specifics paint a different picture:

- About 93% of normal Northern half of state
- About 45% of normal Southern half of state
- •March to date precipitation has benefitted northern portions of state but fallen well short in the south.
- •Year-to-date precipitation is record low according to SNOTEL POR in many places in the San Juan Mountains
- •Streamflow forecasts are generally below normal
 - Near normal in Northern basins
 - To well below normal in Southern basins

•Reservoir storage is still above average in all major basins in the state

- •While snowpack has typically peaked at this point in the year there are a number of watersheds that show:
- •Minimal melt S. Platte, Yampa, White, N. Platte
- •Gunnison showing less melt than expected



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