

# Water Availability Task Force Meeting January 18<sup>th</sup>, 2022

## 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/



## Web-Based Products

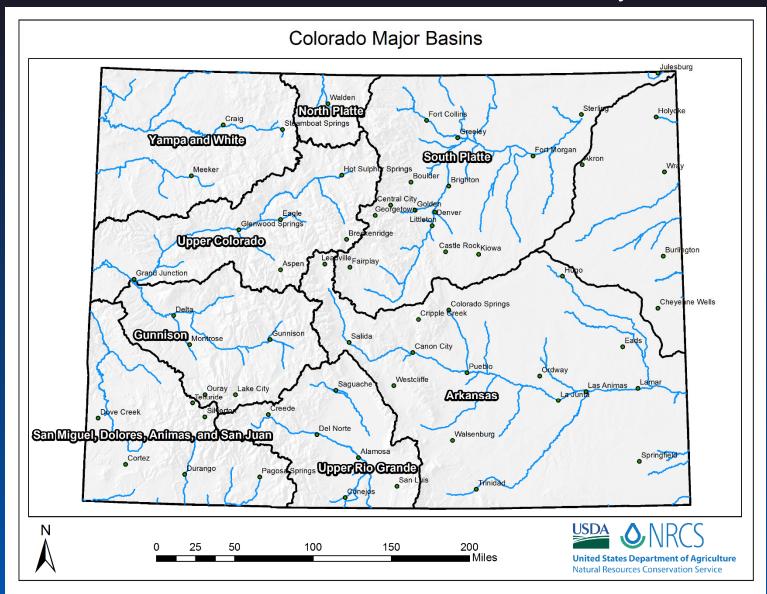
- Product website and links have changed. Both on the National Water and Climate Center (NWCC) webpages and on Colorado Website pages and links.
  - IT required a change to new servers. As a result links and webpages have changed.
    - Data resource links are not be affected.
    - Products resource webpages and links will be affected.
  - Working as fast possible to minimize product interruptions. Most products have been replaced. However, some interruptions remain.
  - Changes are requiring considerable work and entirely new tools to generate the replacement products.
- Additional future changes are slated for Oct 1, 2022.
  - Unsure of the scope of the changes but presently functionality is slated to be significantly decreased.
  - Working to negotiate increased functionality.
- iMap and Report Generator tools & products will remain available and supported
- Current presentation maps and graphs will change in appearance however will maintain much of the same data and overall look.
- If you have questions and comments please reach out to us.



### Colorado Statewide Summary

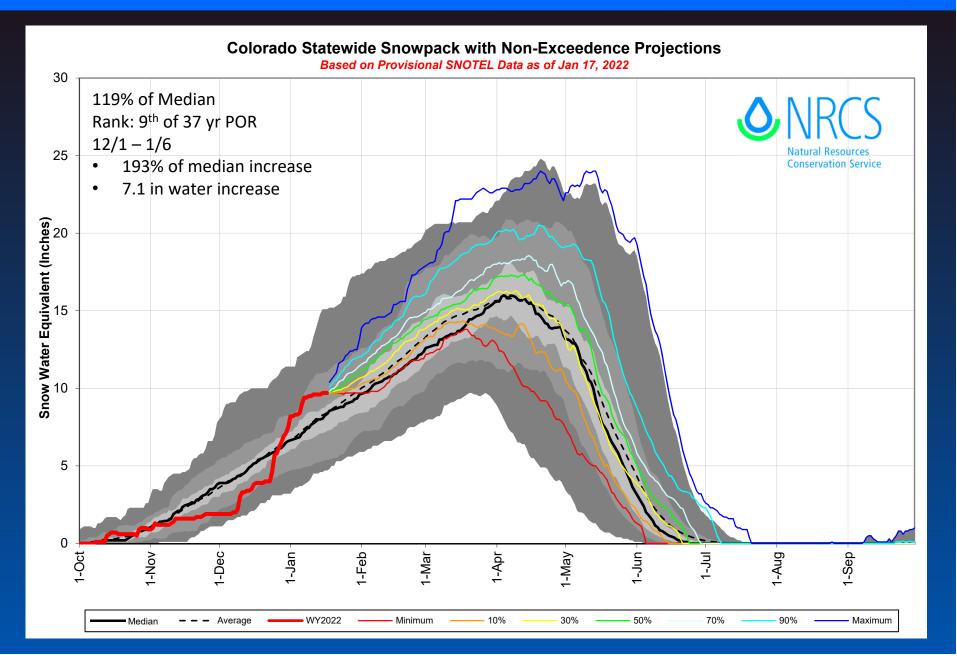
**USDA** 

**United States Department of Agriculture** 

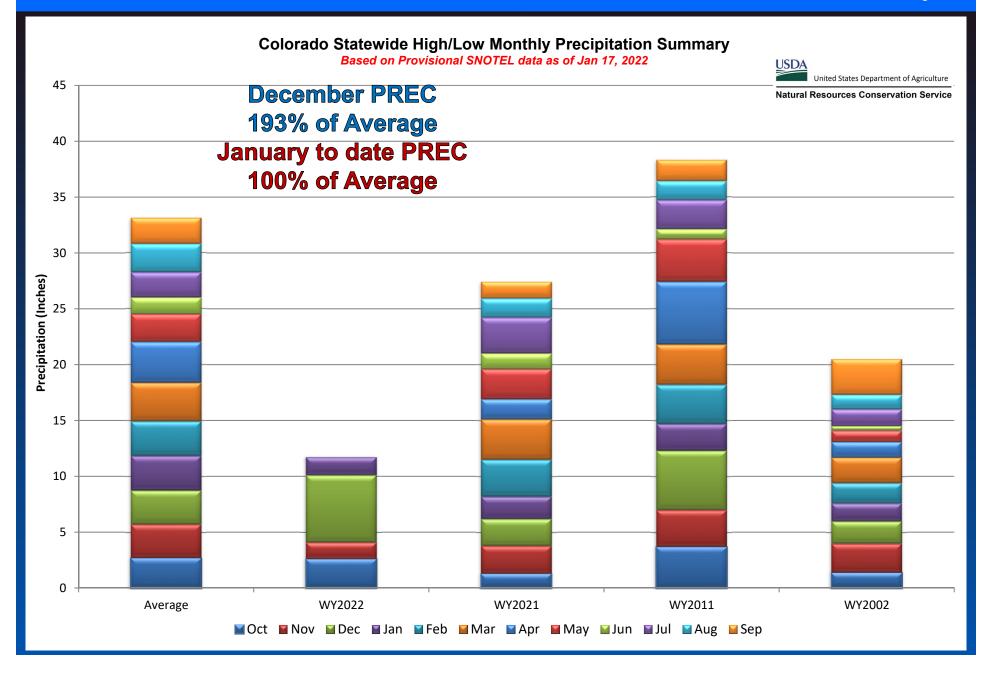


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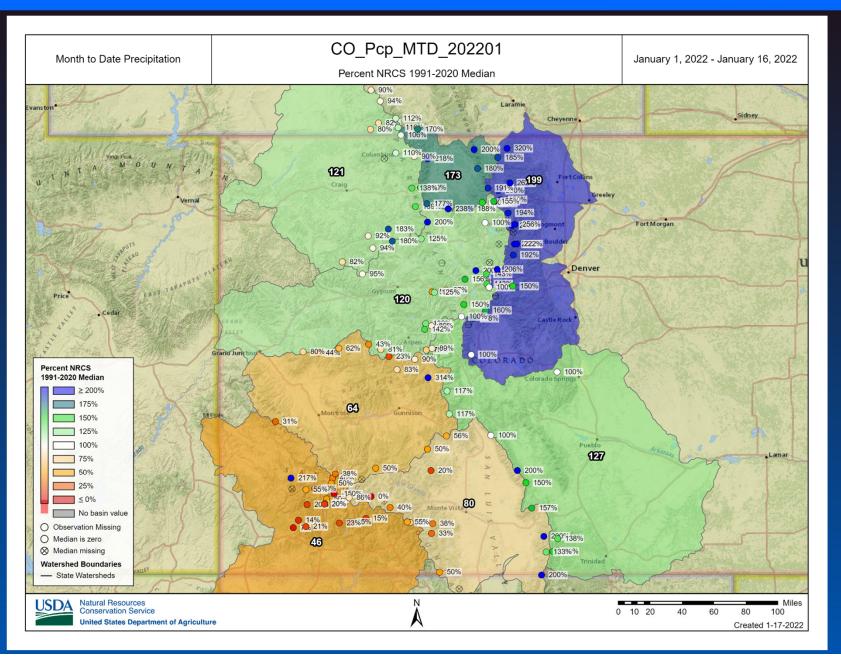
DB-NDC [2]1 United States Department of Agriculture



Slide 5

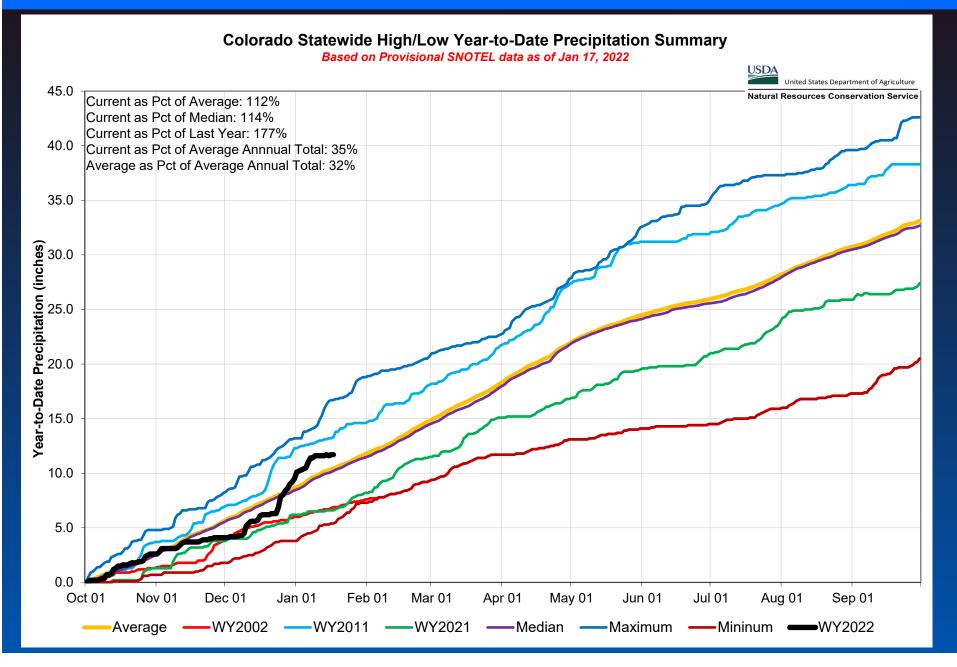
DB-NDC [2]1 Domonkos, Brian - NRCS, Denver, CO, 2/15/2021



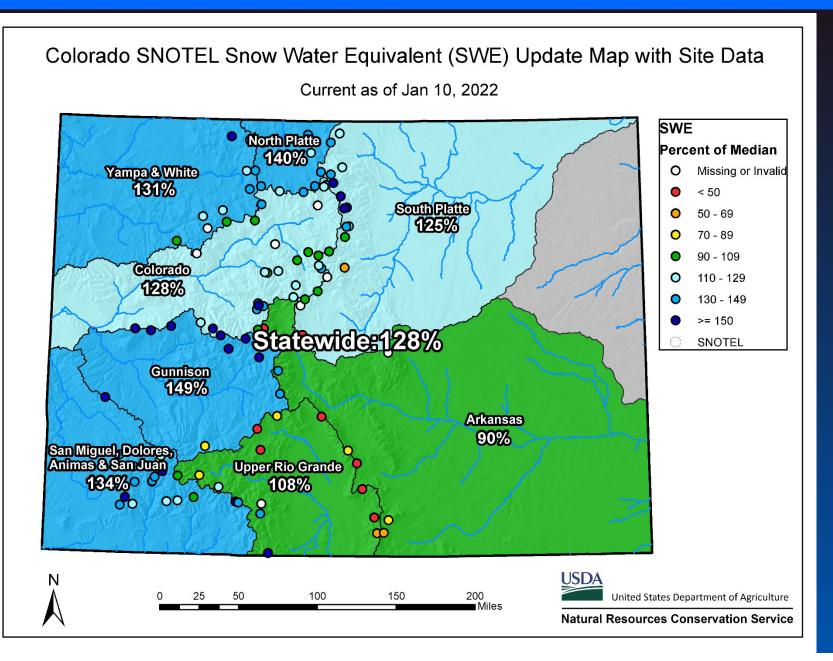


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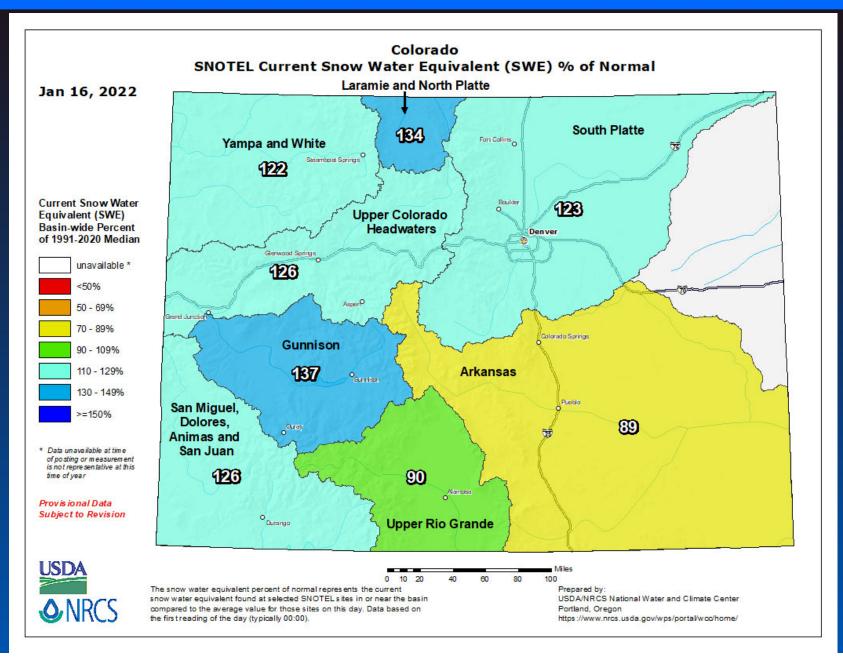
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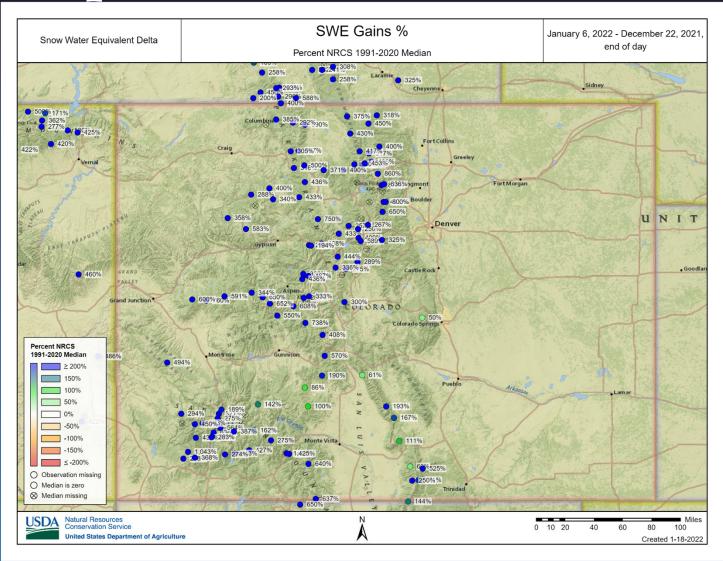




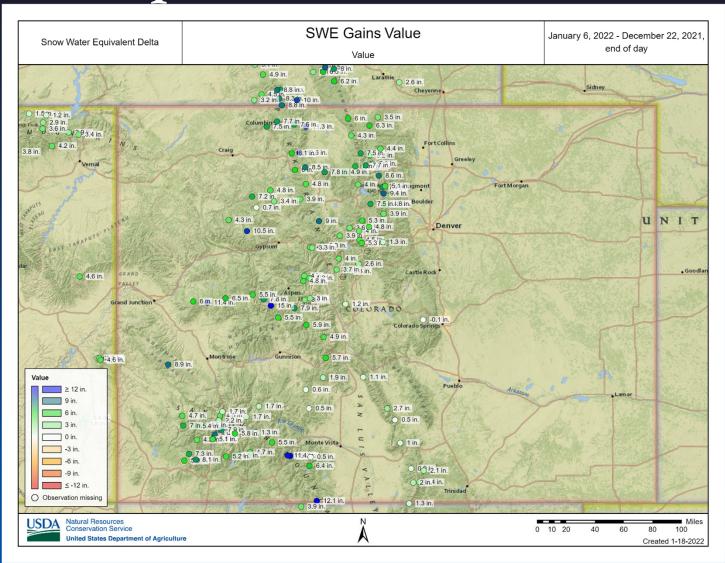




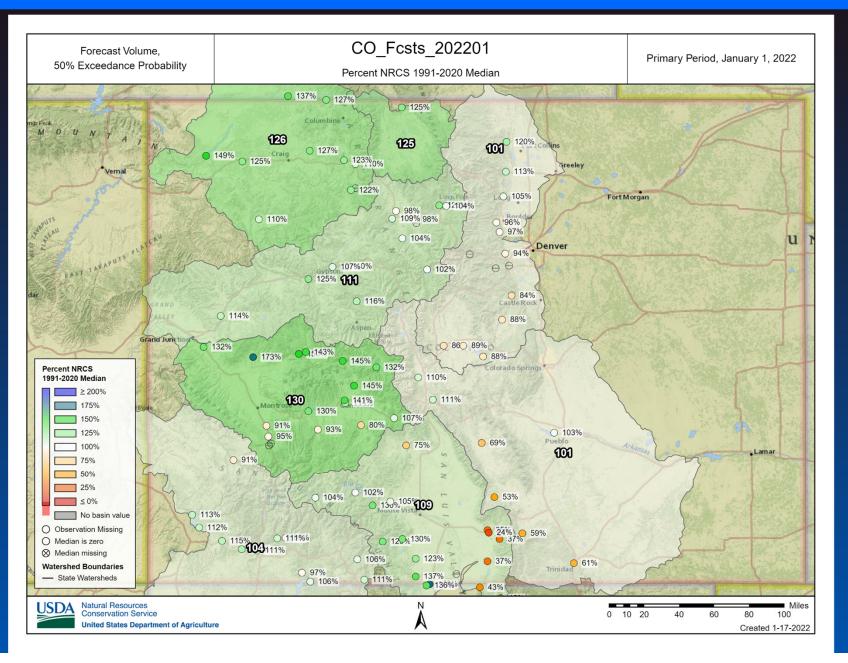
## Impressive SWE Gains in %



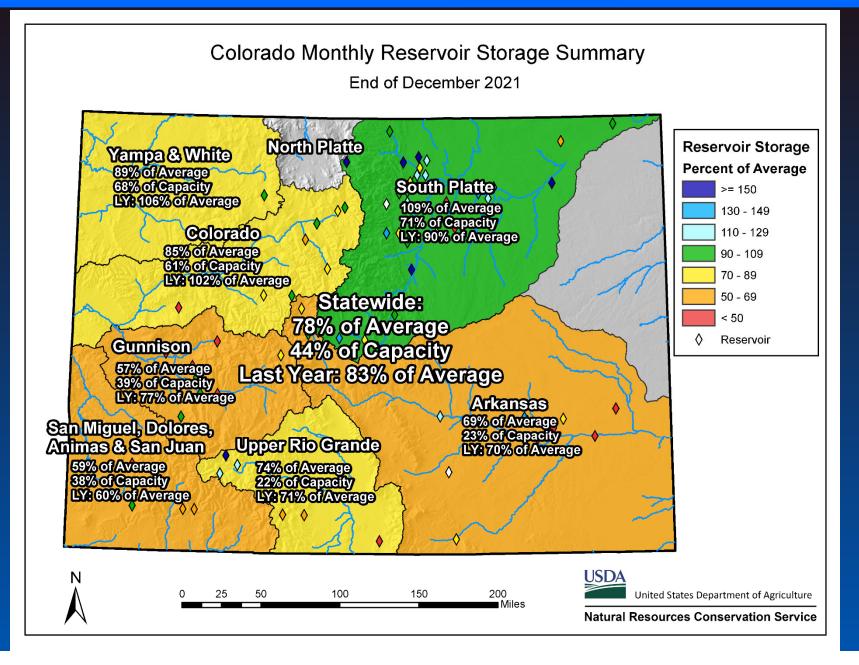
## **Impressive SWE Gains**



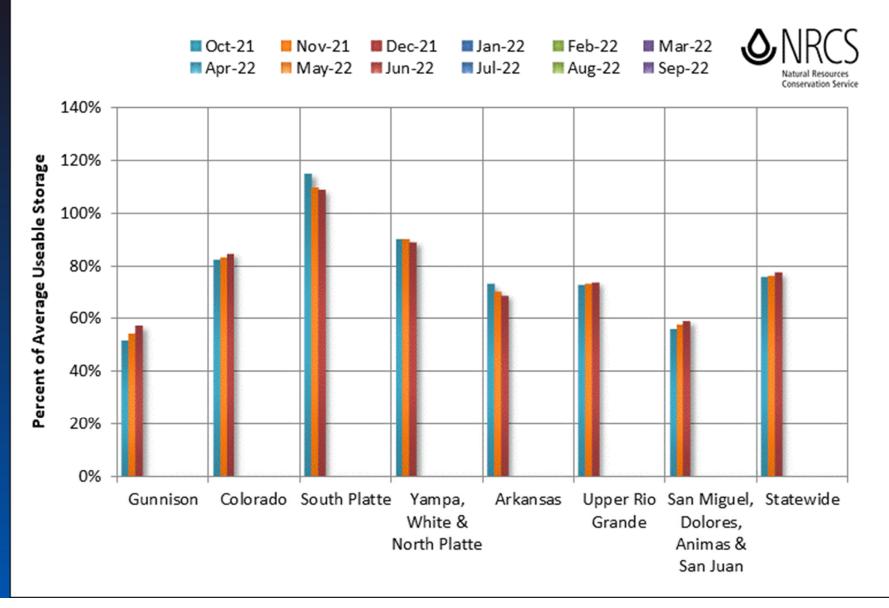






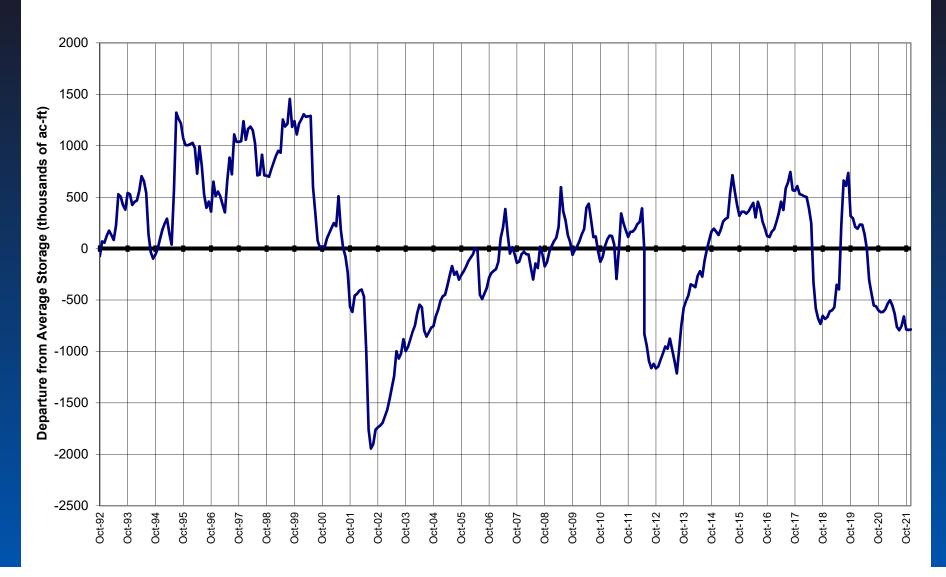


#### **Colorado Reservoir Storage**

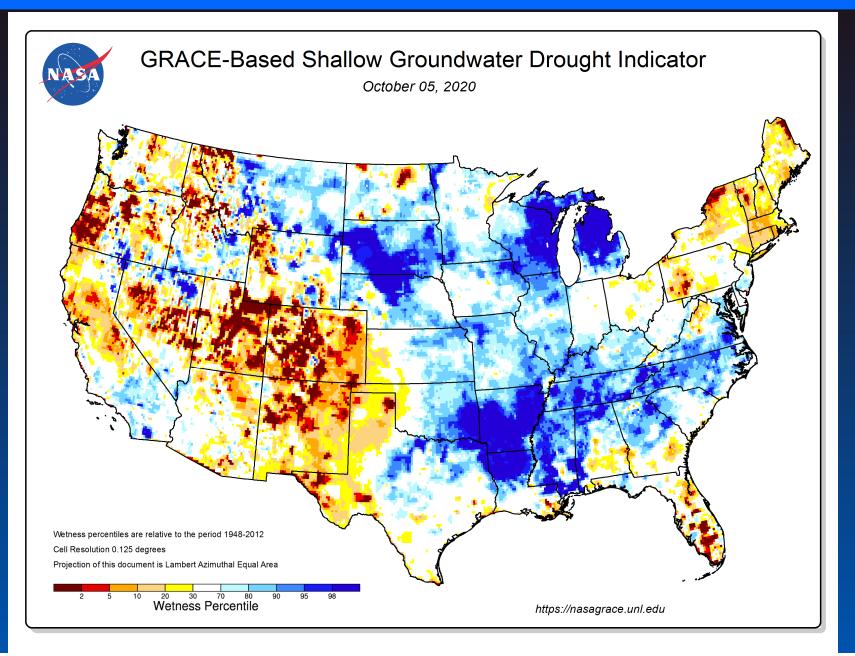


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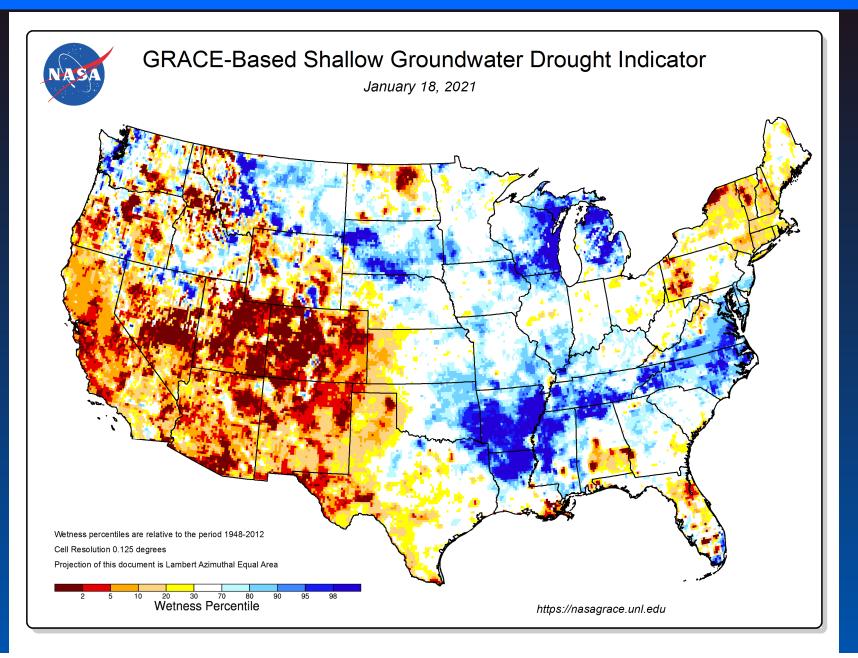




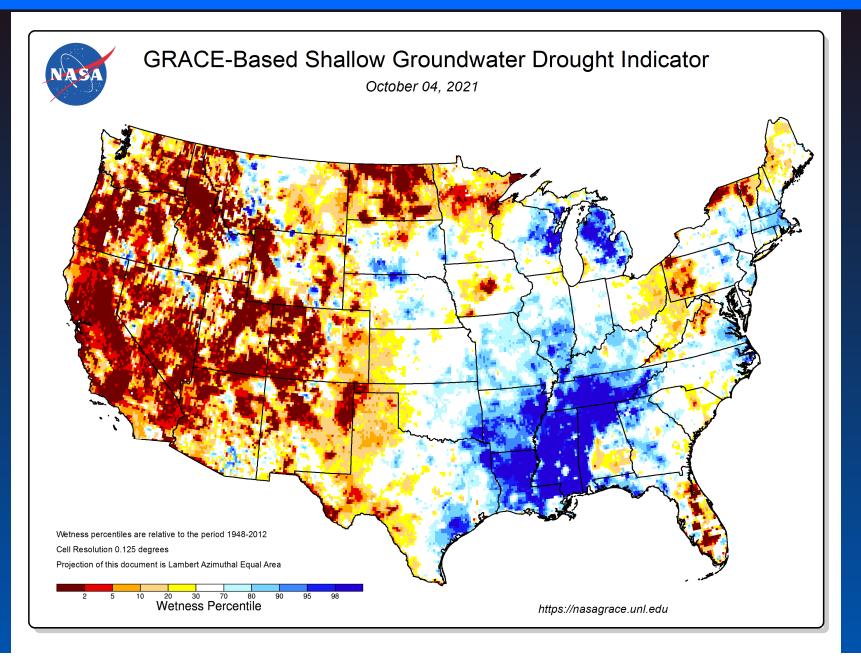




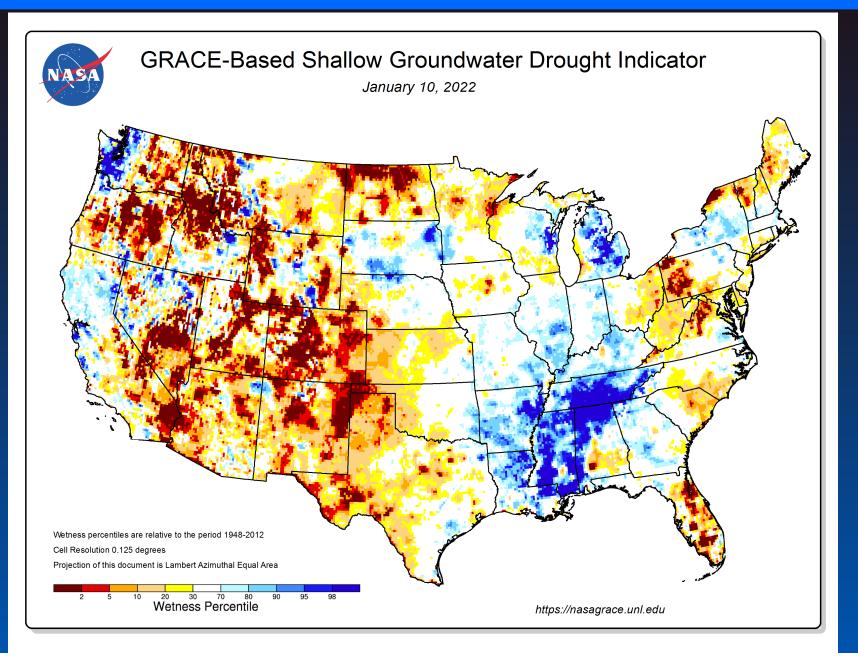




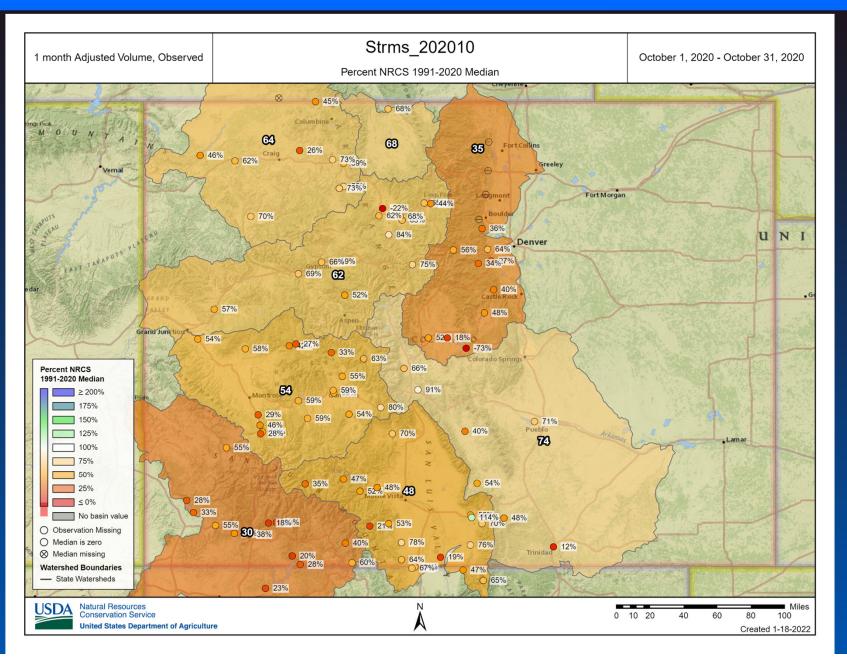




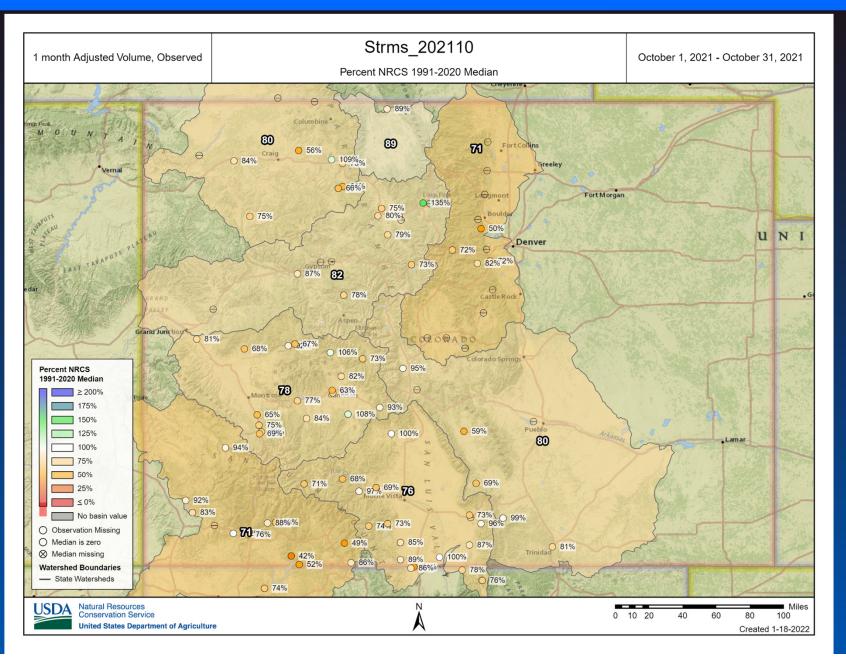






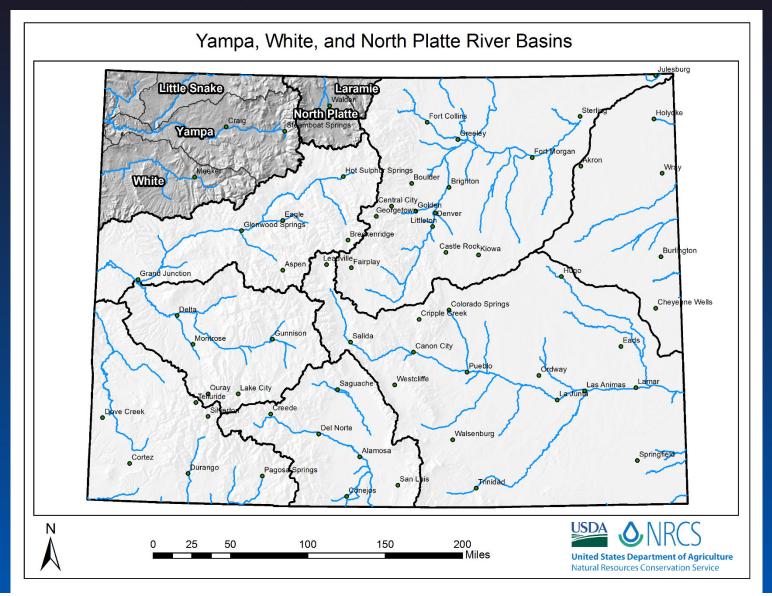






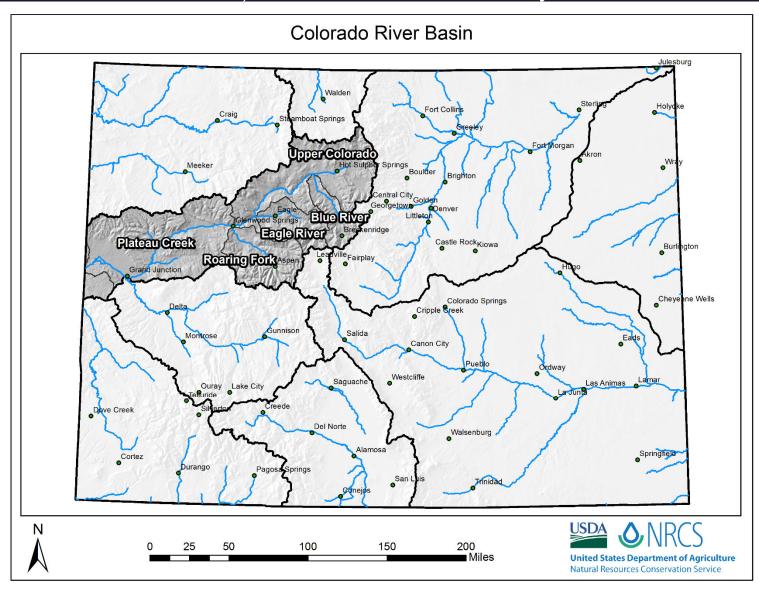


## Major Basin Summary



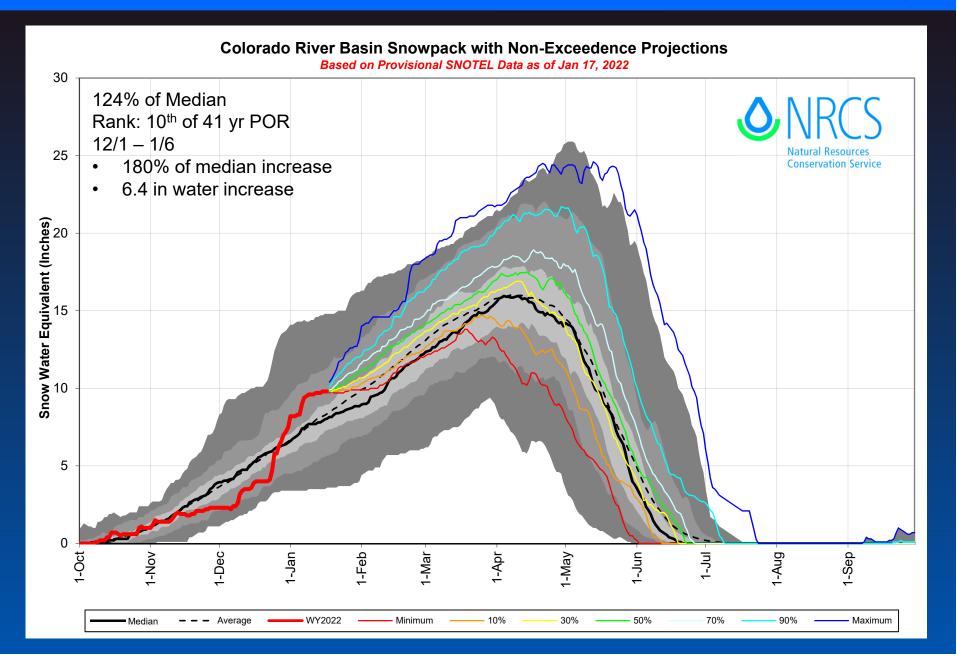


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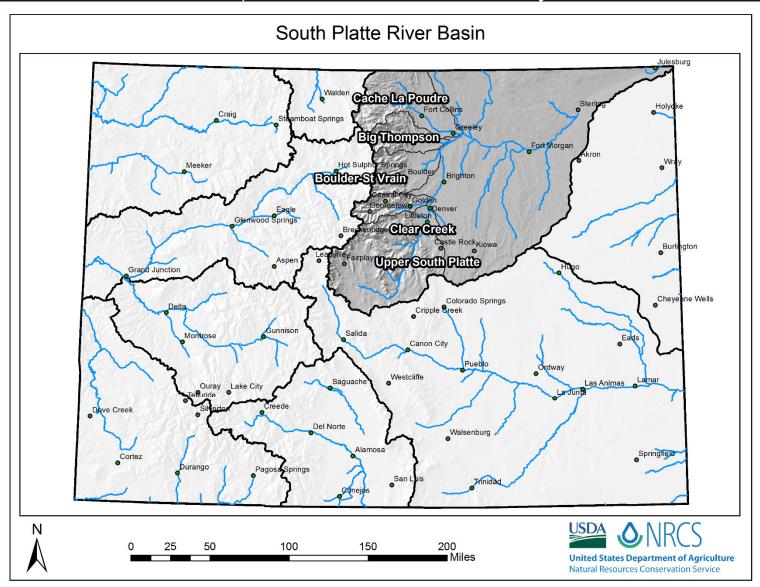
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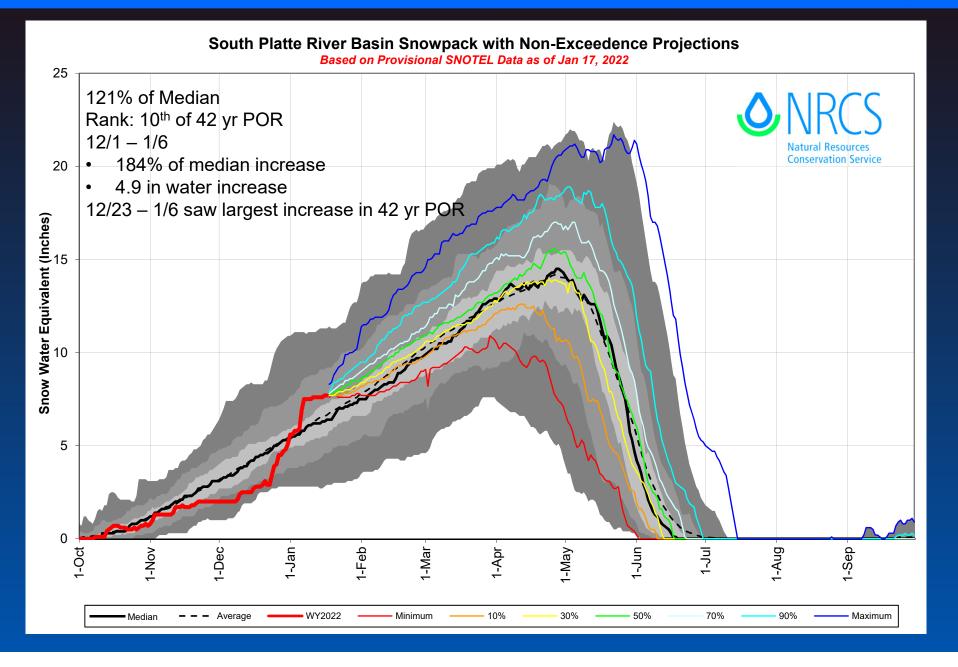




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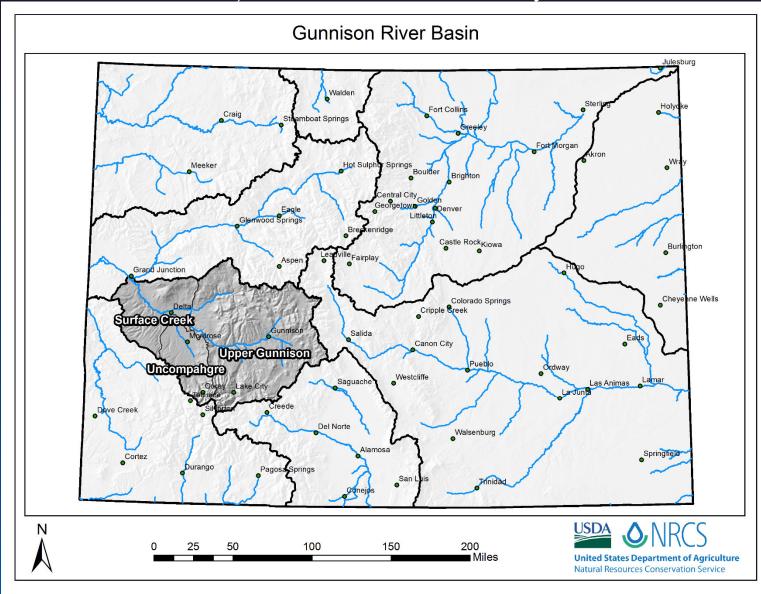




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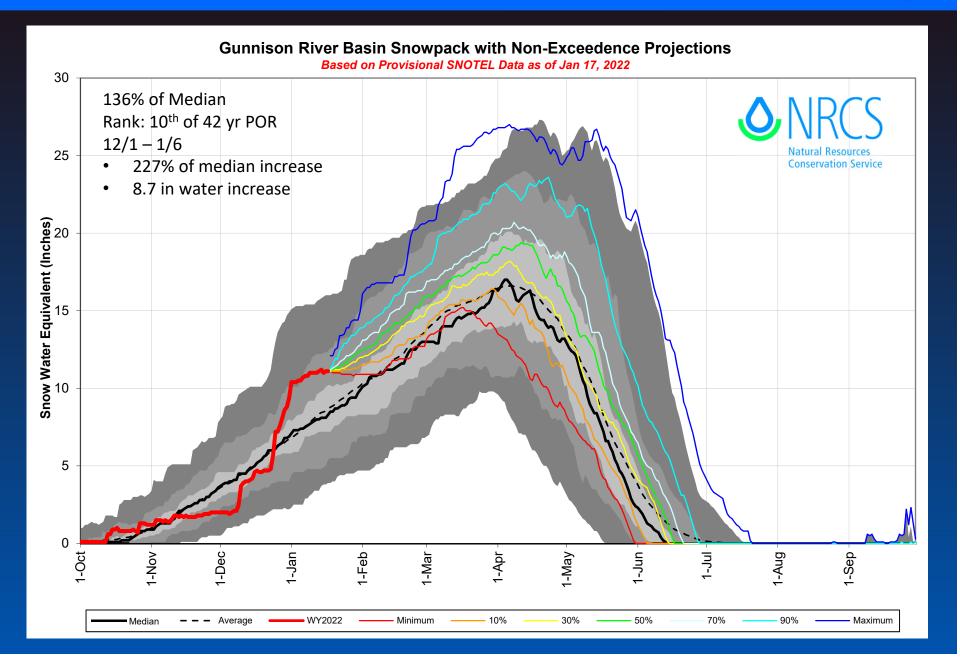
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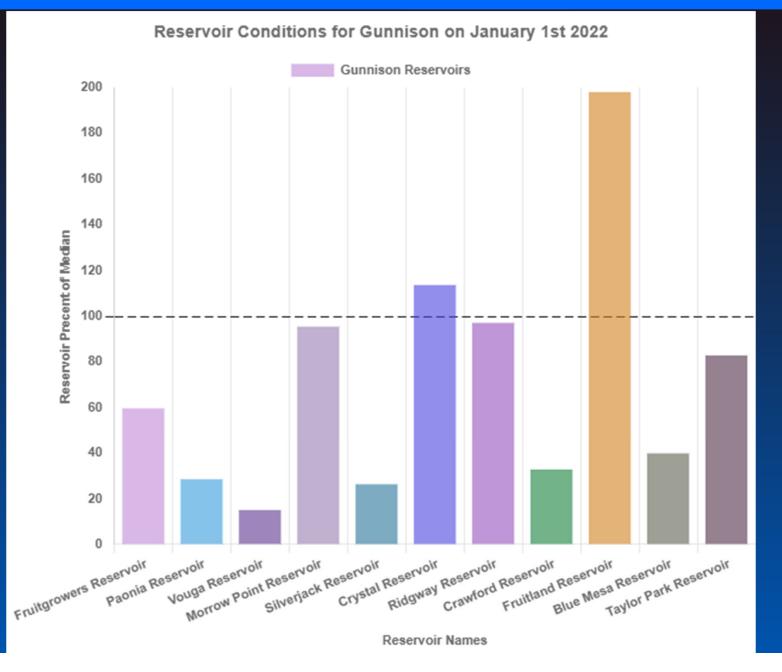


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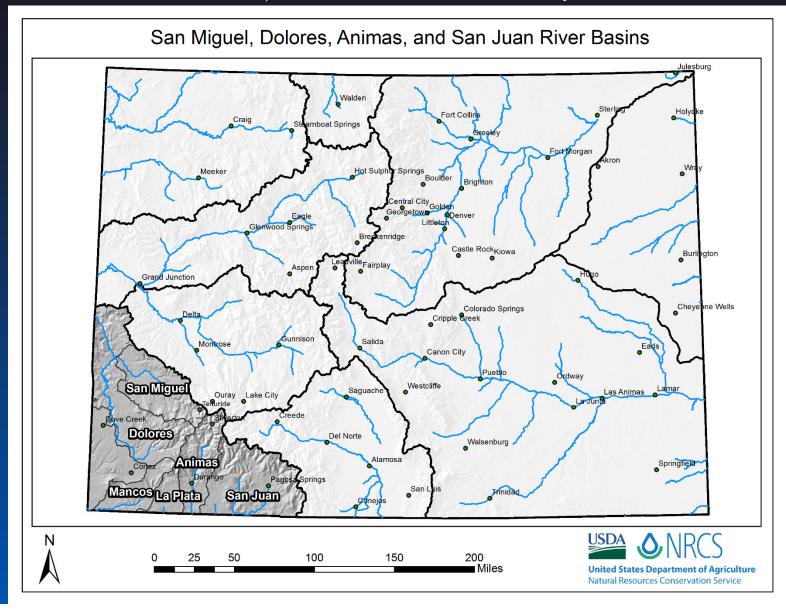




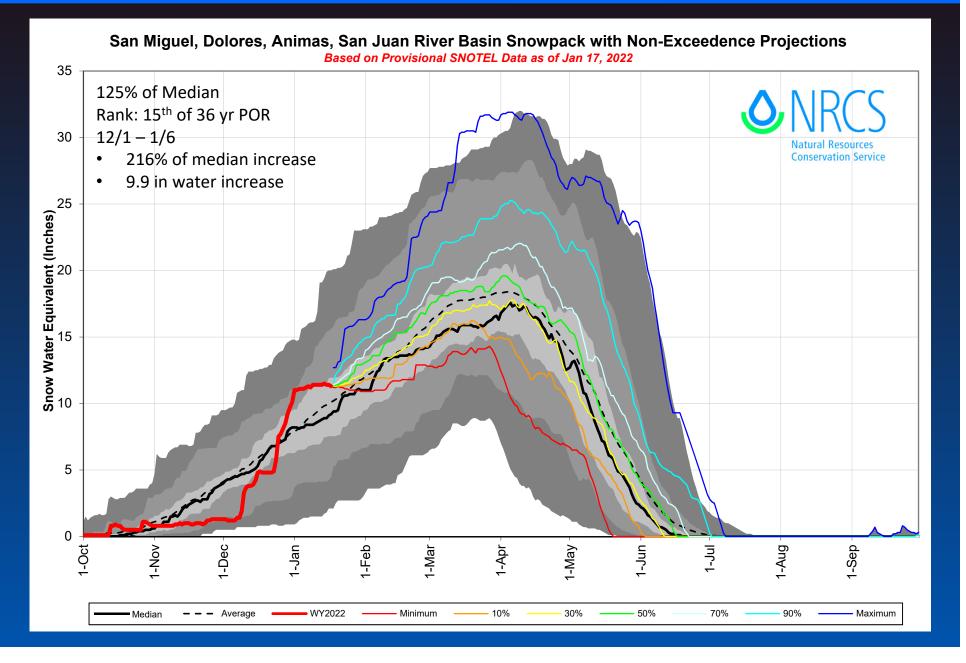




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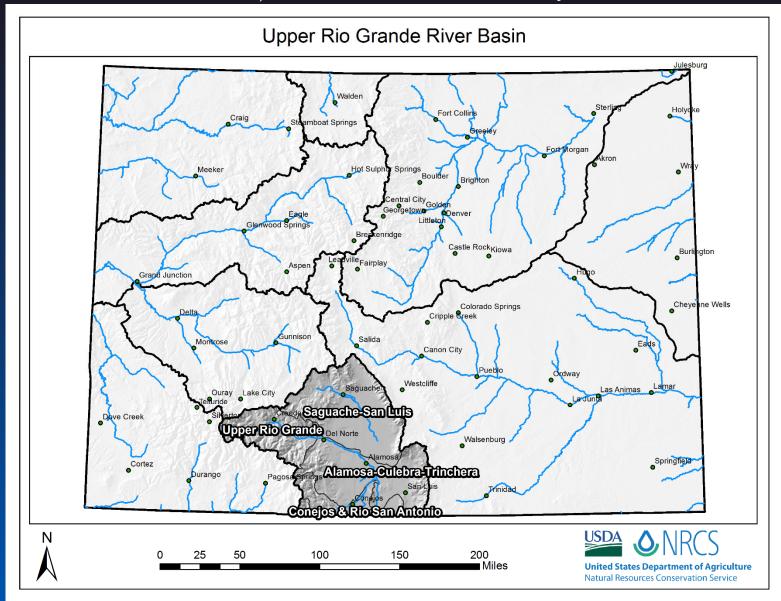






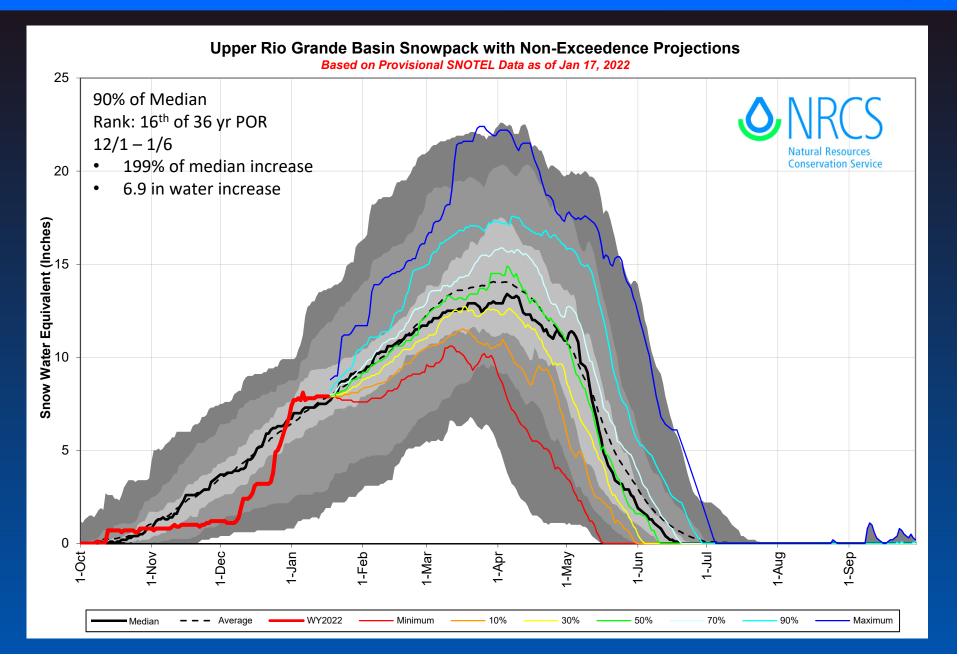


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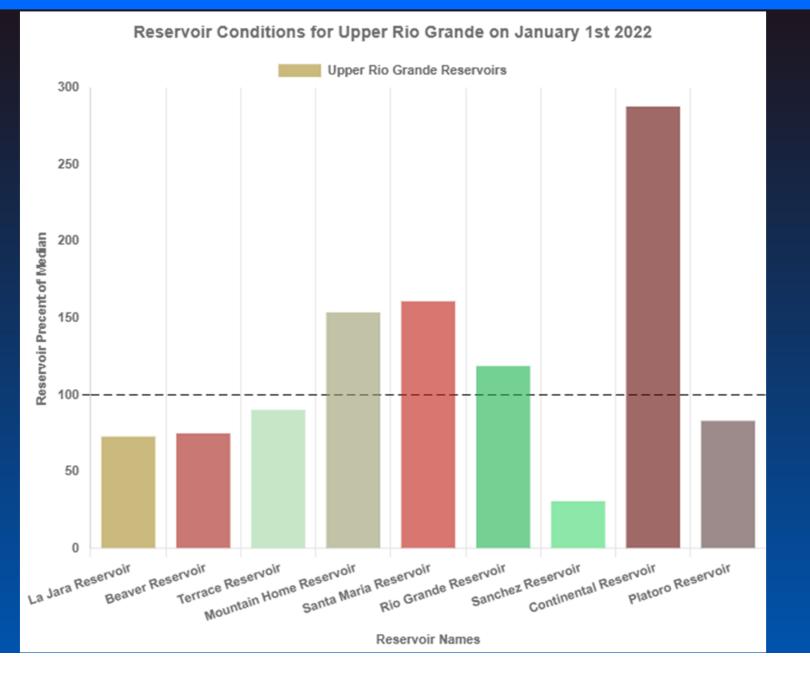


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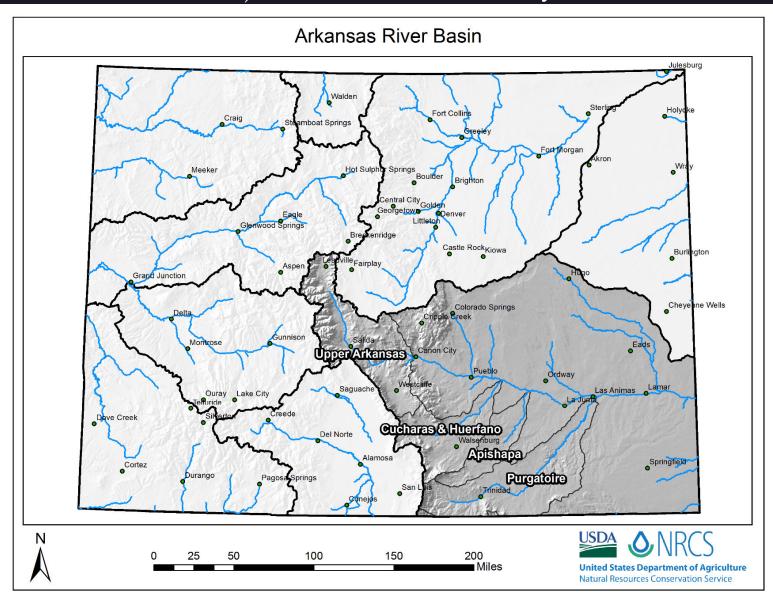




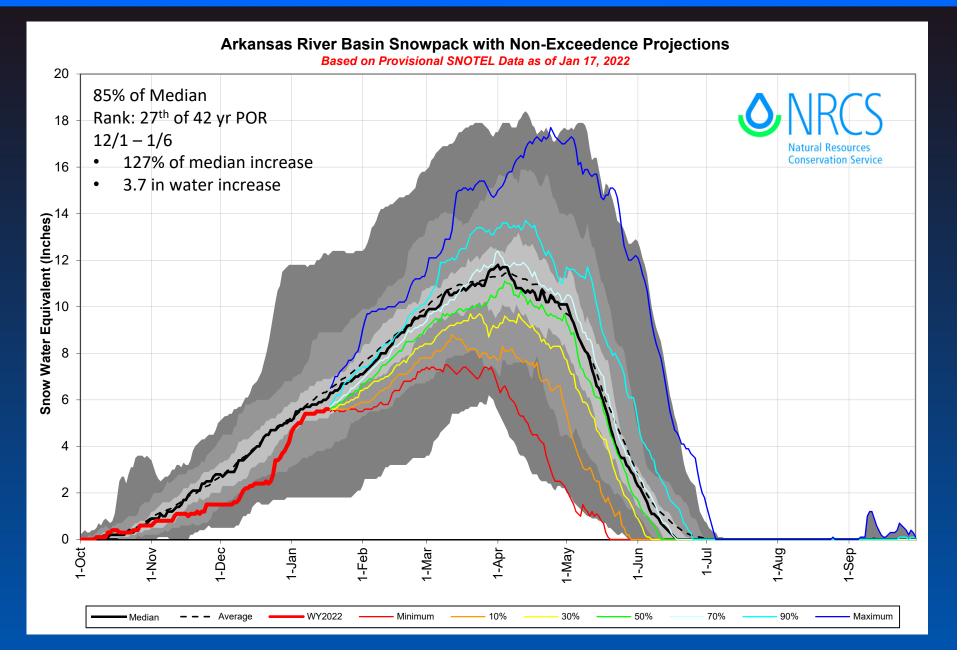




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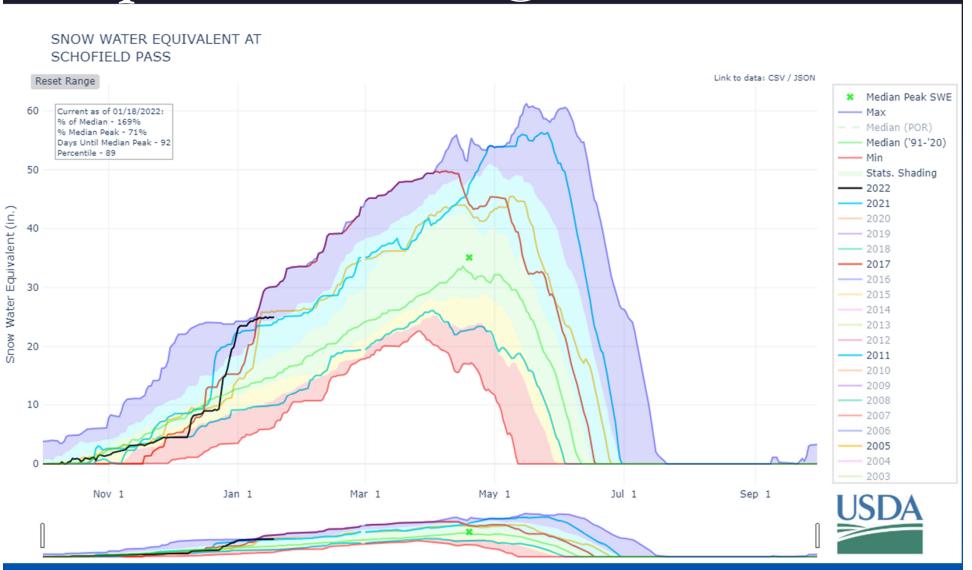




#### USDA United States Department of Agriculture

#### **Colorado Snow Surveys**

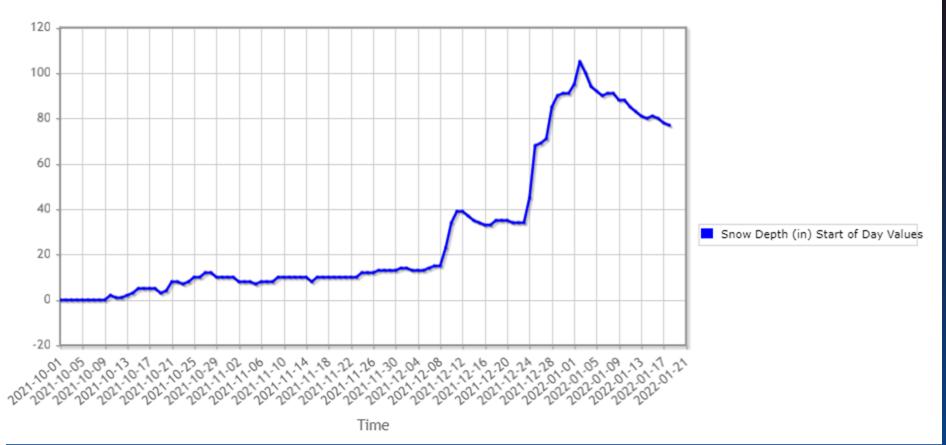
## Impressive Gains (a) Schofield Pass



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Schofield Pass (737) Colorado SNOTEL Site - 10700 ftReporting Frequency: Daily; Date Range: 2021-10-01 to 2022-09-3

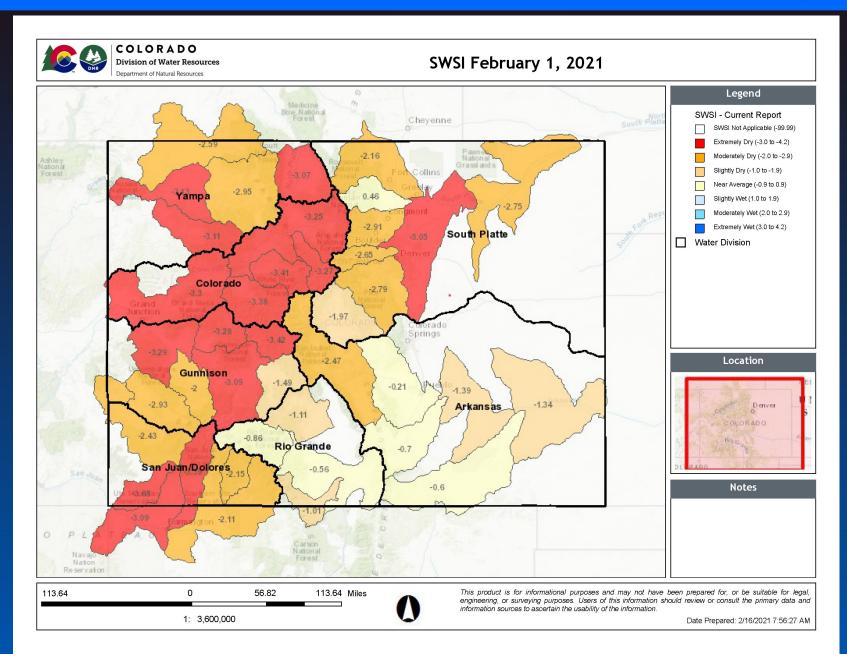


- 12/8/21 = 15 inches of snow depth
- 12/11/21 = 39 inches of snow depth
- 3.7 in SWE gain = ~3 ft of snow accumulation by ski resort standards

- 12/23/21 = 34 inches of snow depth
- 1/2/22 = 105 inches of snow depth
- 14.4 in SWE gain = ~144 inches (12 ft) of snow accumulation by ski resort standards







## Summary

- •December-Early January storms provided much needed Snowpack improvement. Statewide snowpack went from 52% of median on Dec 1, 2021 to ~124% of median on Jan 6, 2022.
- •In some cases improvements were the most in the period of record
- •Statewide reservoirs are at 78% of average
- •Soil moisture conditions are slightly improved over last year at this time
- •Streamflows look to be better than last year at the end of October

•January 1 Streamflow forecasts project generally near to slightly above normal streamflows come spring and summer. Near 100% of normal east of the divide. Forecasts improve further west in Colorado.



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