



United States Department of Agriculture

Colorado Snow Surveys

Water Availability Task Force Meeting

January 19th, 2017

NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

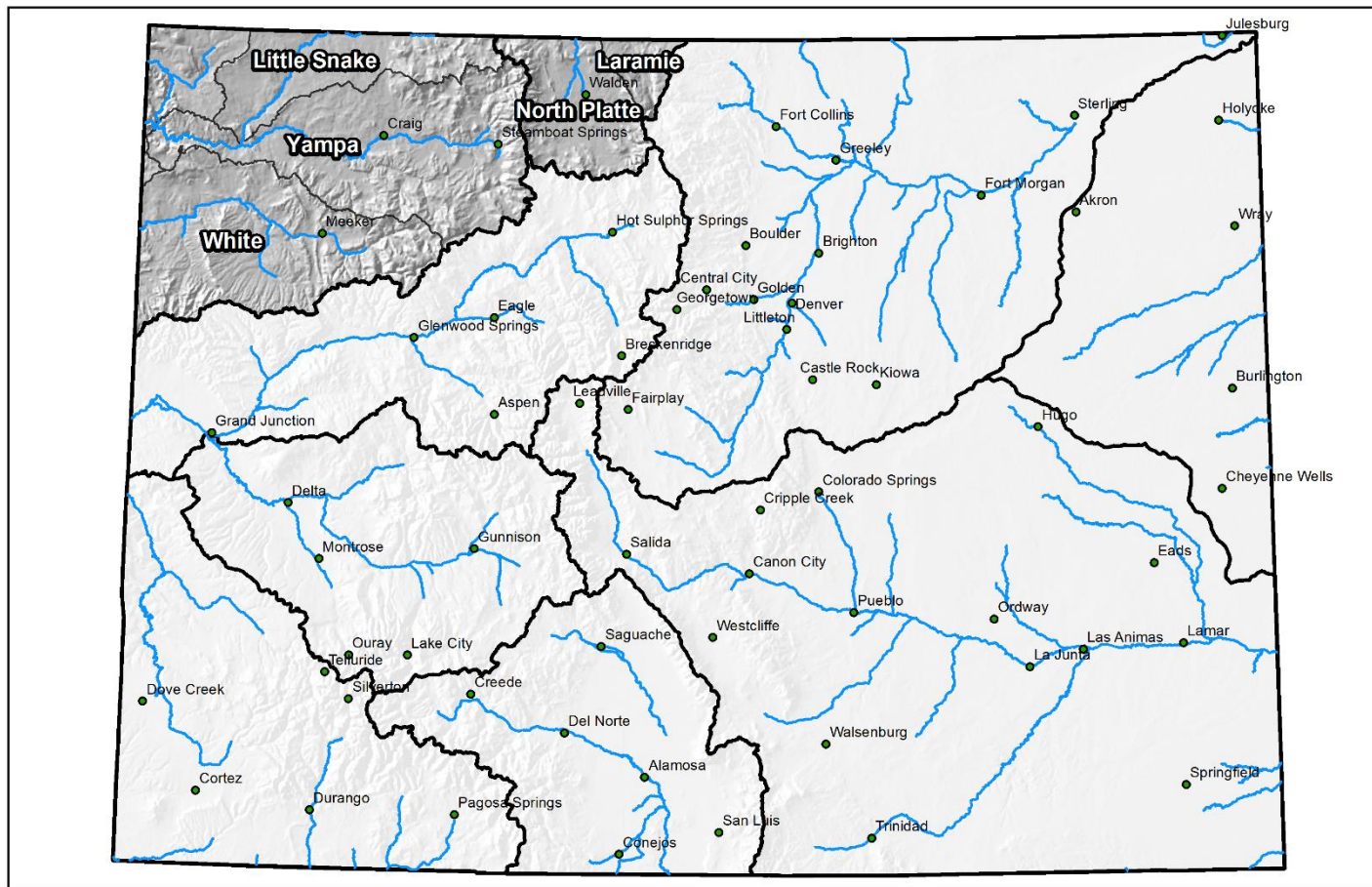
Asst. Snow Survey Supervisor

720-544-2853

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

Major Basin Summary

Yampa, White, and North Platte River Basins



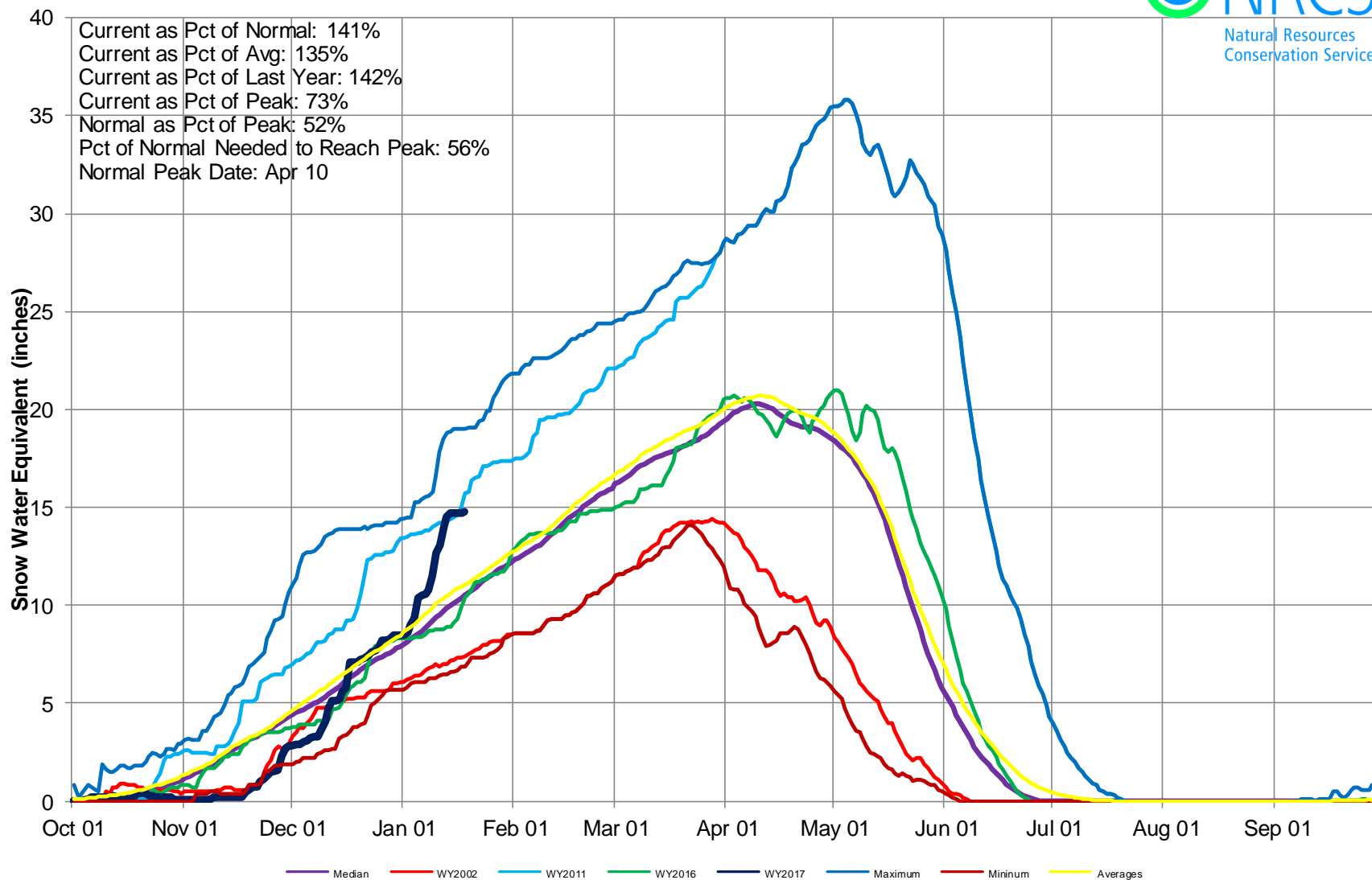
0 25 50 100 150 200 Miles

Yampa, White & North Platte River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



Natural Resources
Conservation Service

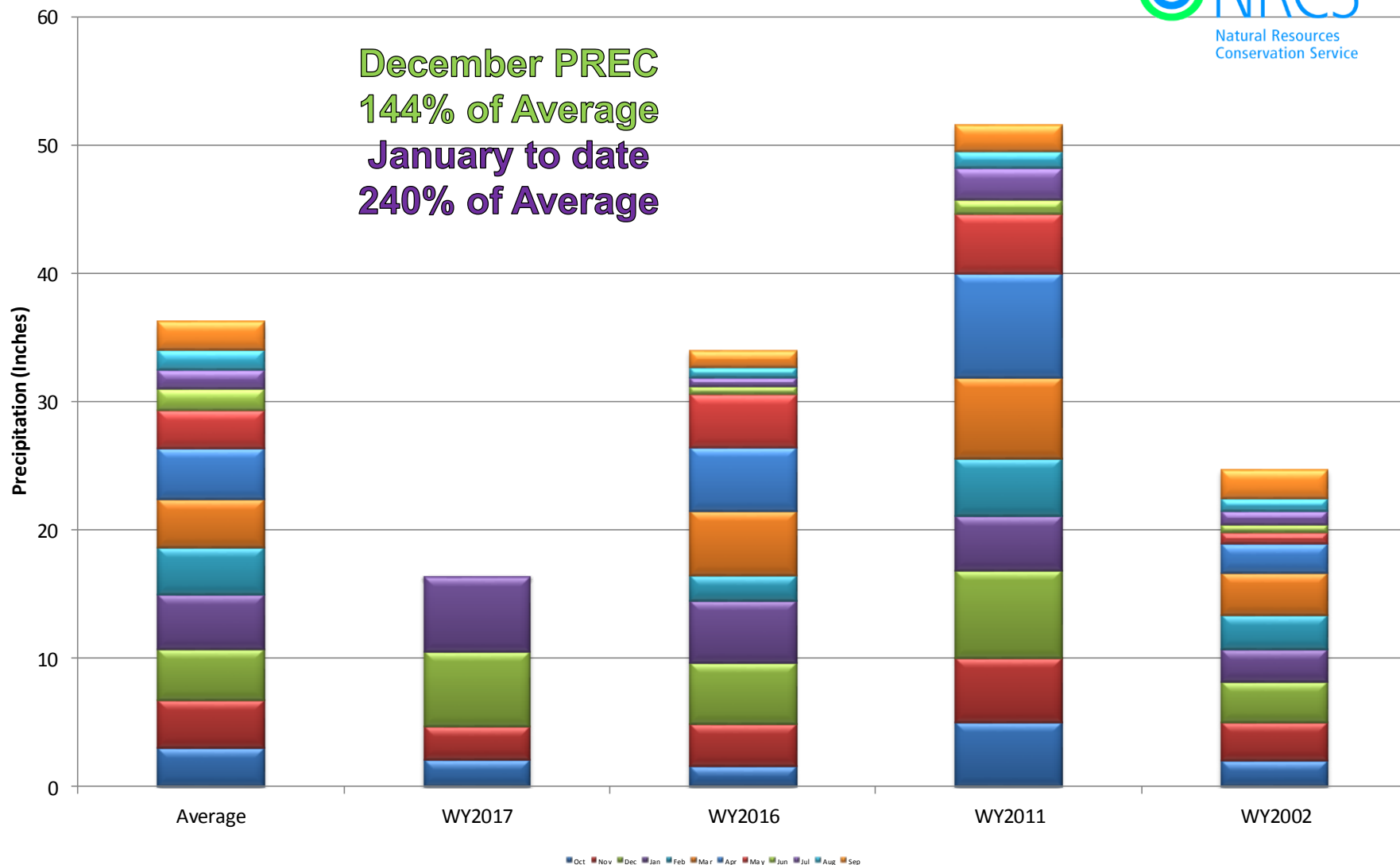


Yampa & White River Basins High/Low Monthly Precipitation Summary

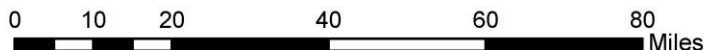
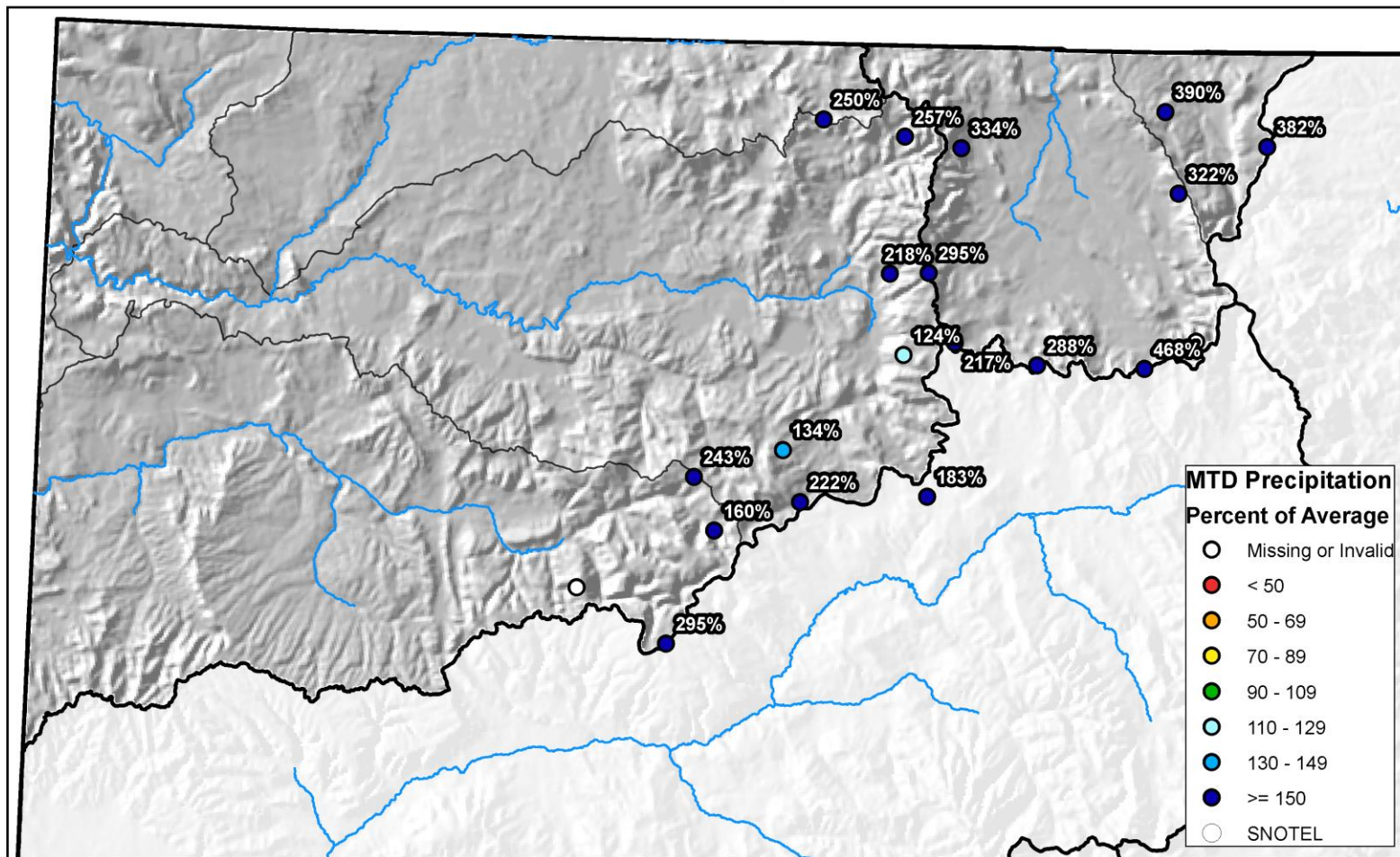
Based on Provisional SNOTEL data as of Jan 18, 2017



December PREC
144% of Average
January to date
240% of Average

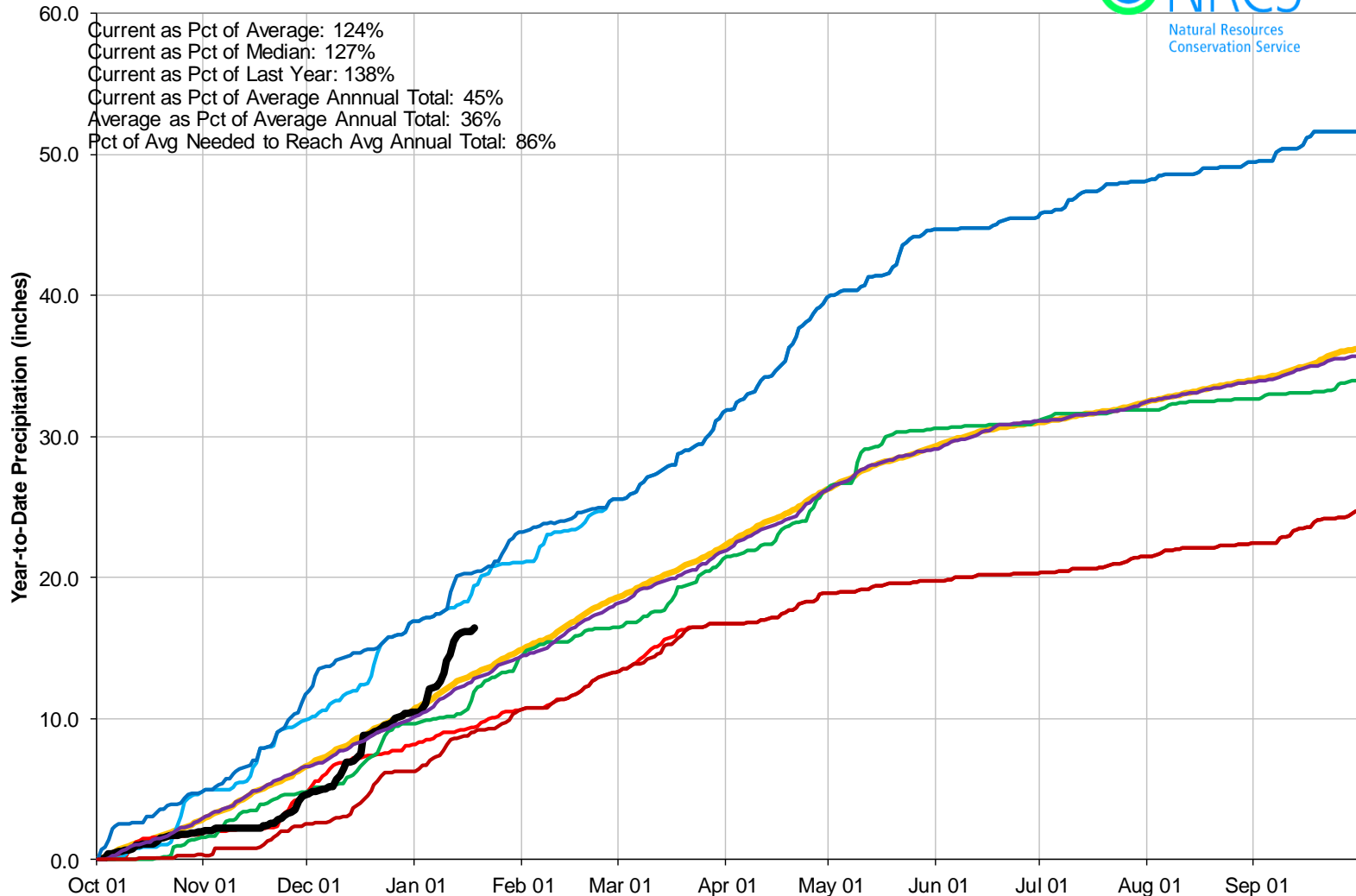


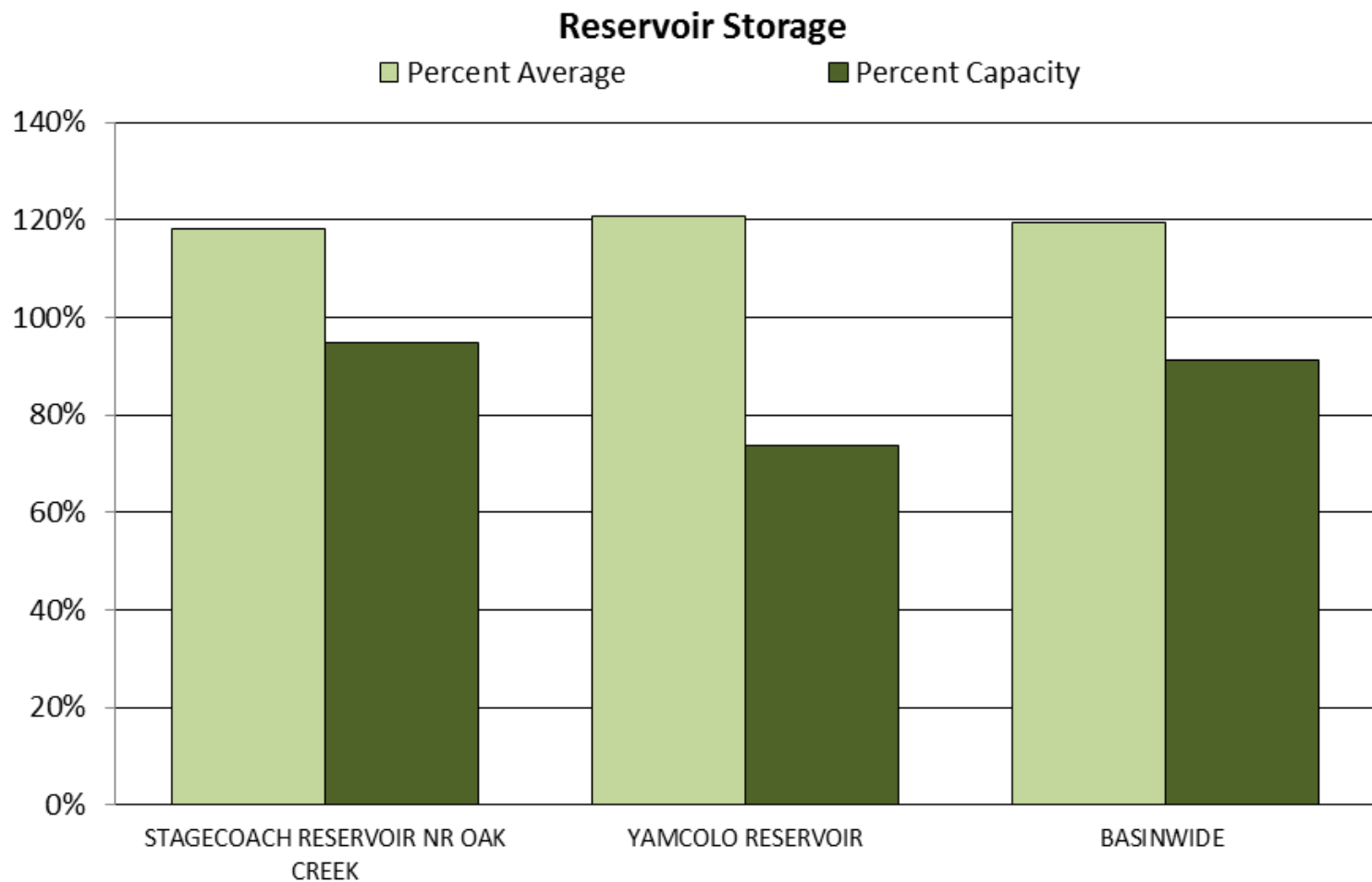
Yampa, White, and North Platte River Basins Month to Date Precipitation Summary Current as of Jan 18, 2017



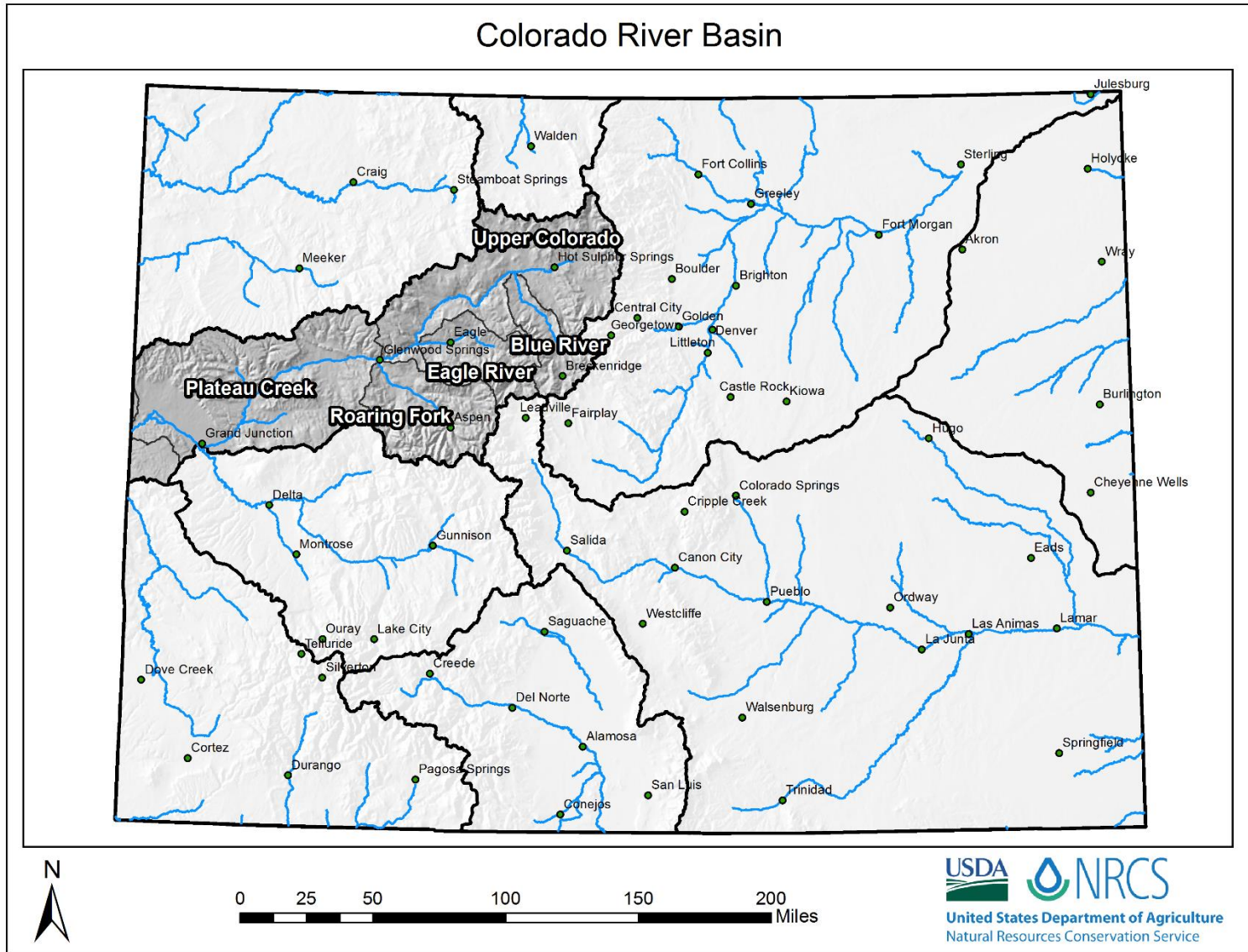
Yampa & White River Basins High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017





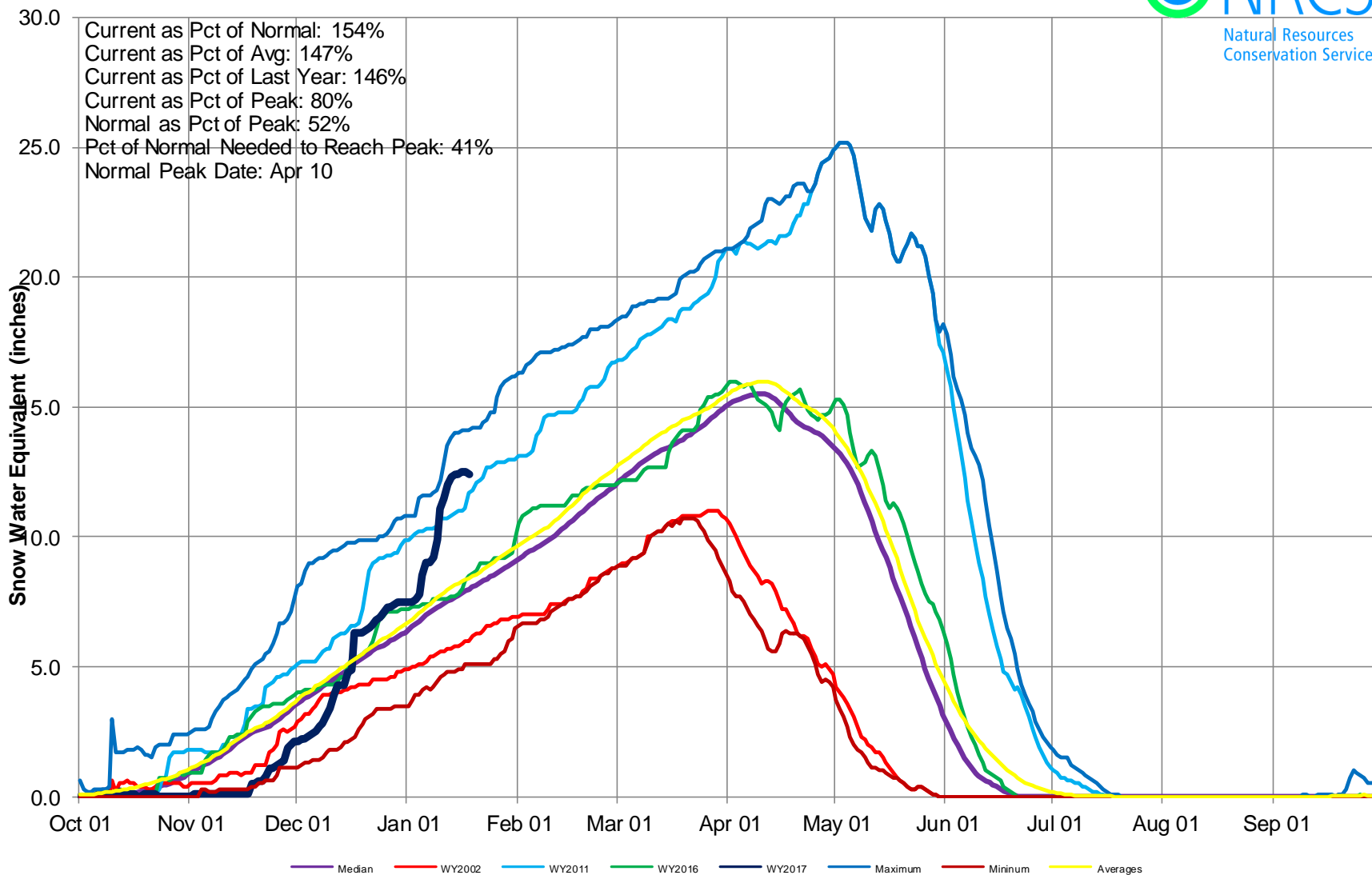
Major Basin Summary





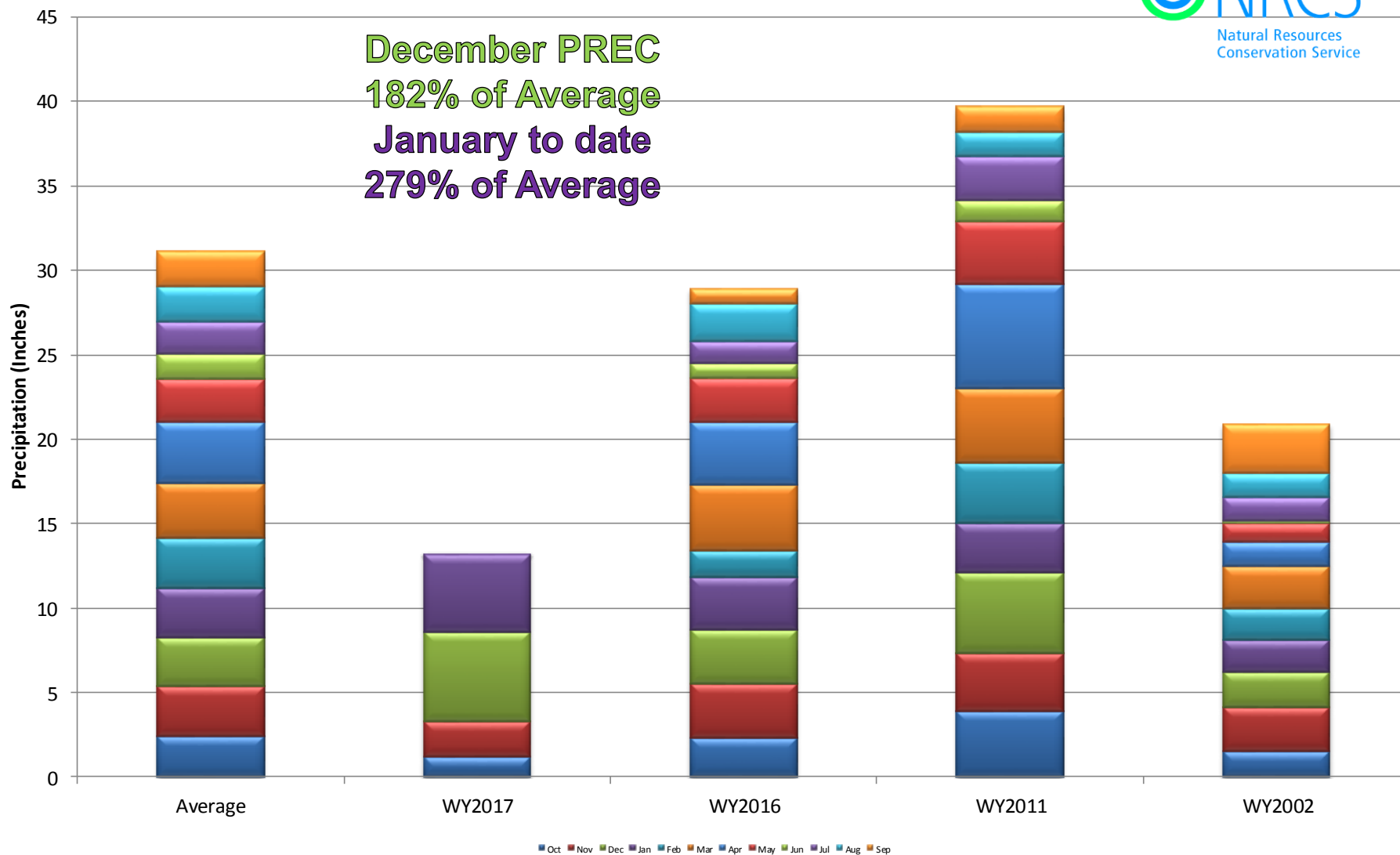
Upper Colorado River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



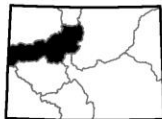
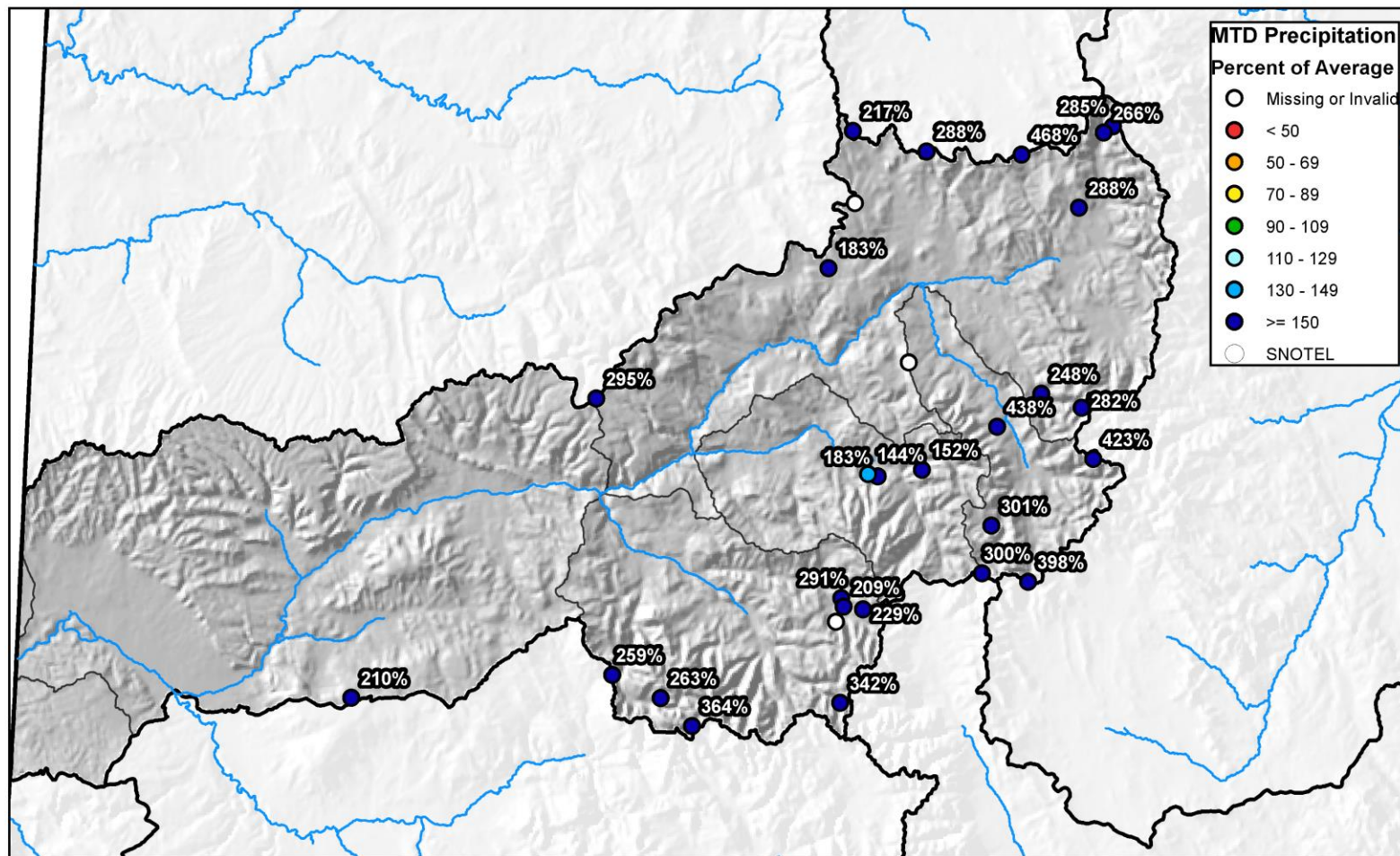
Upper Colorado River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



Upper Colorado River Basin Month to Date Precipitation Summary

Current as of Jan 18, 2017



0 10 20 40 60 80 Miles

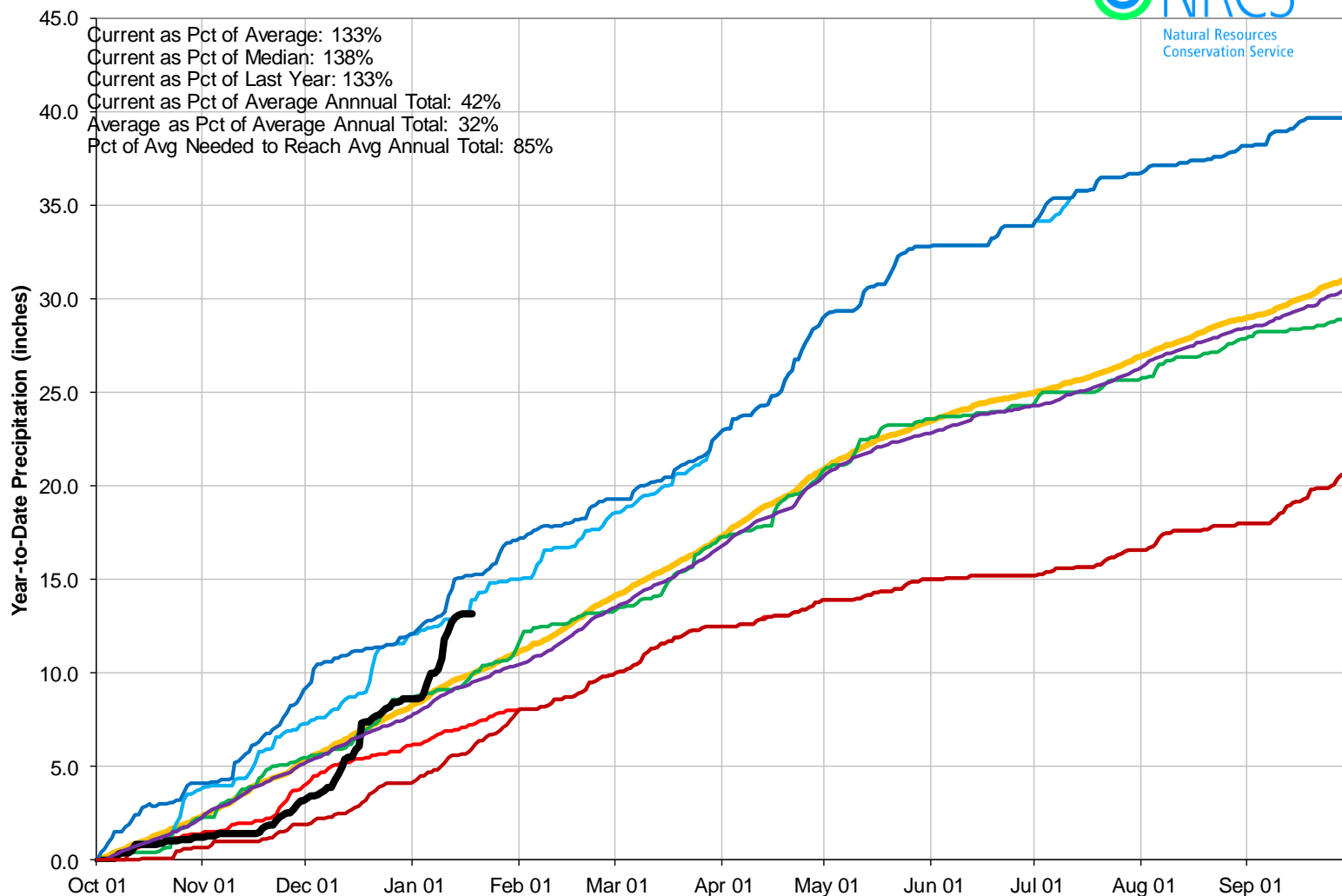


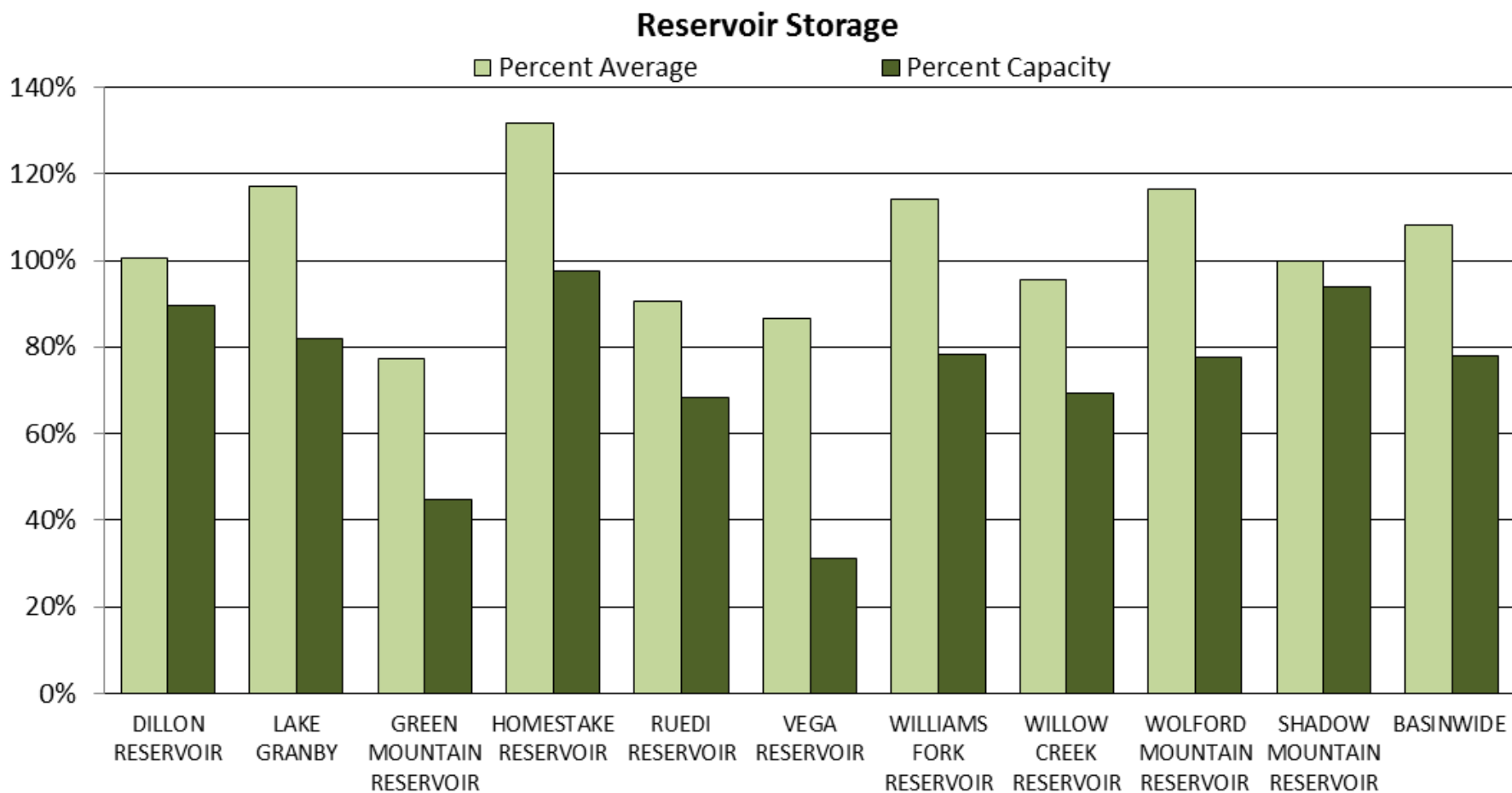
United States Department of Agriculture

Natural Resources Conservation Service

Upper Colorado River Basin High/Low Year-to-Date Precipitation Summary

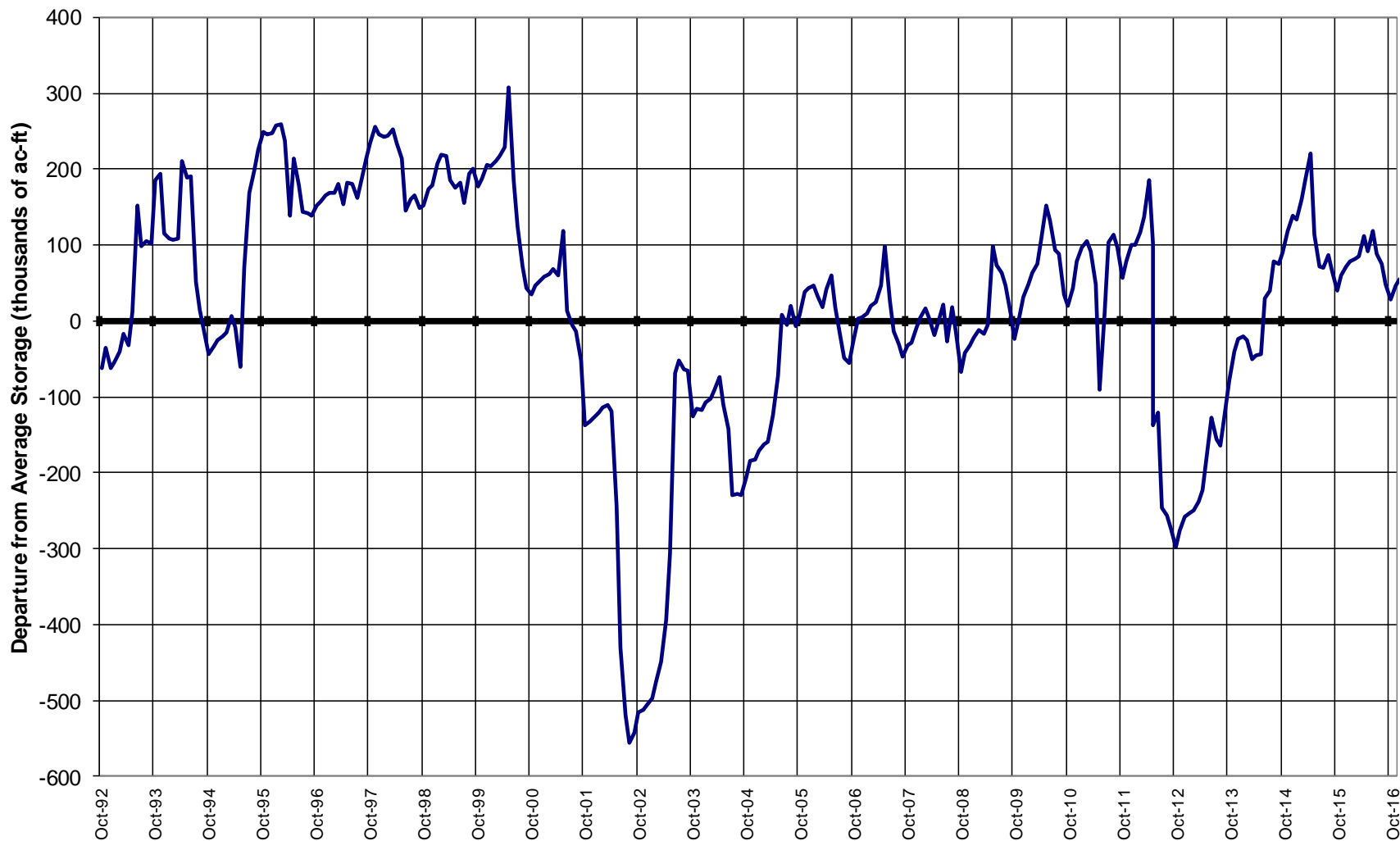
Based on Provisional SNOTEL data as of Jan 18, 2017





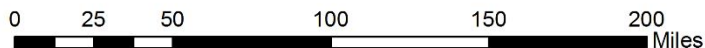
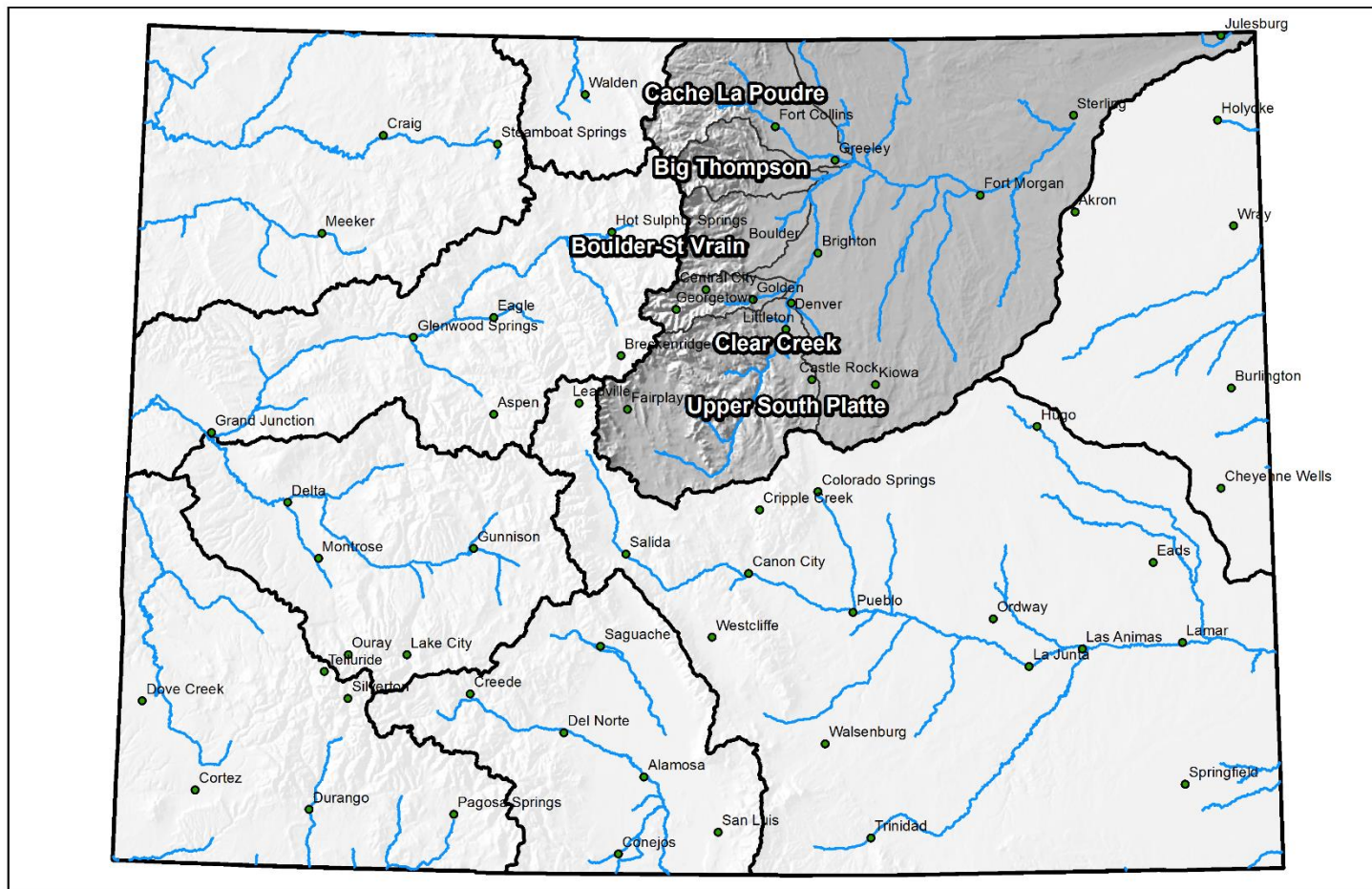


COLORADO RIVER BASIN Reservoir Storage Departure from Average



Major Basin Summary

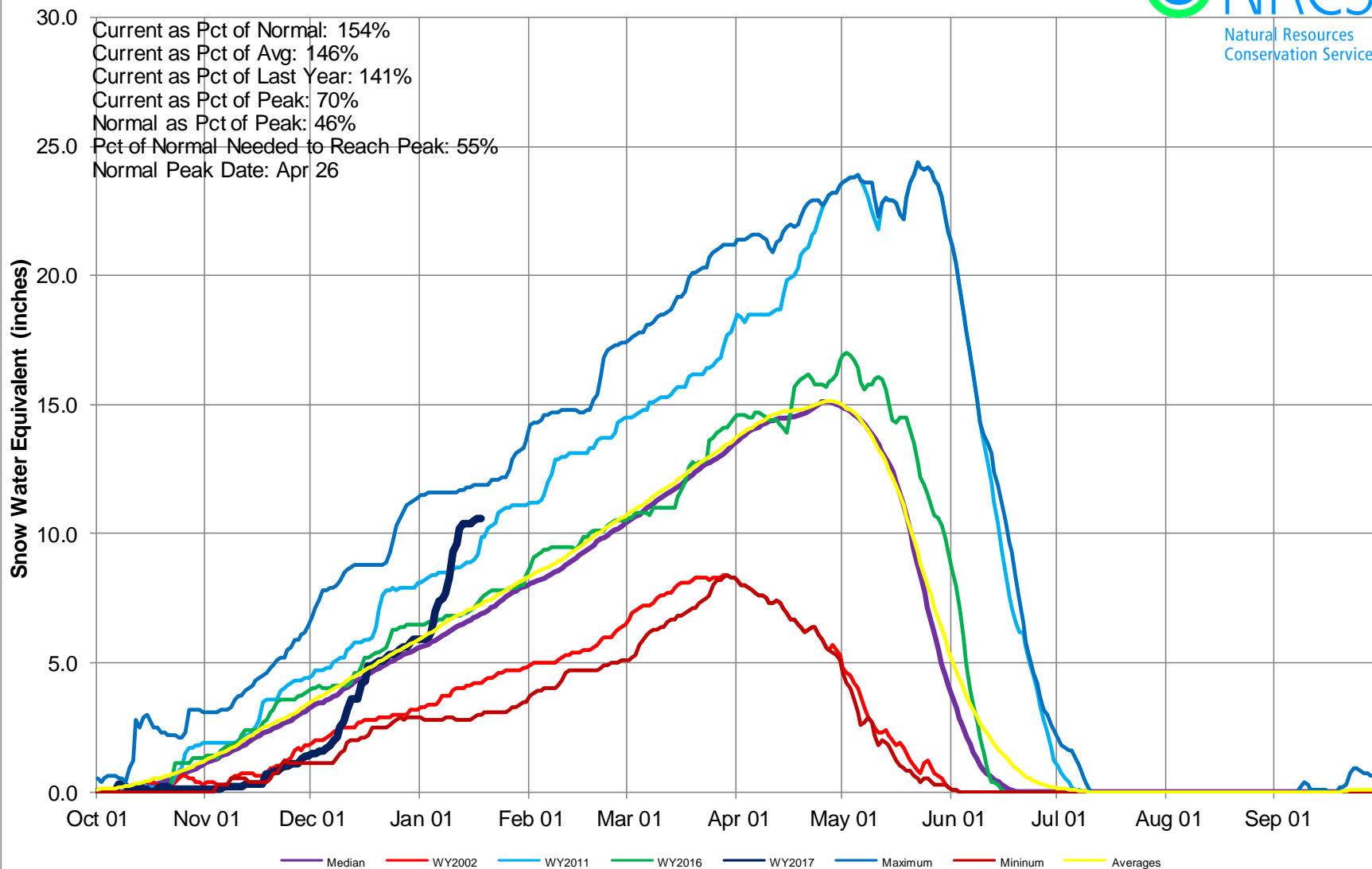
South Platte River Basin





South Platte River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017

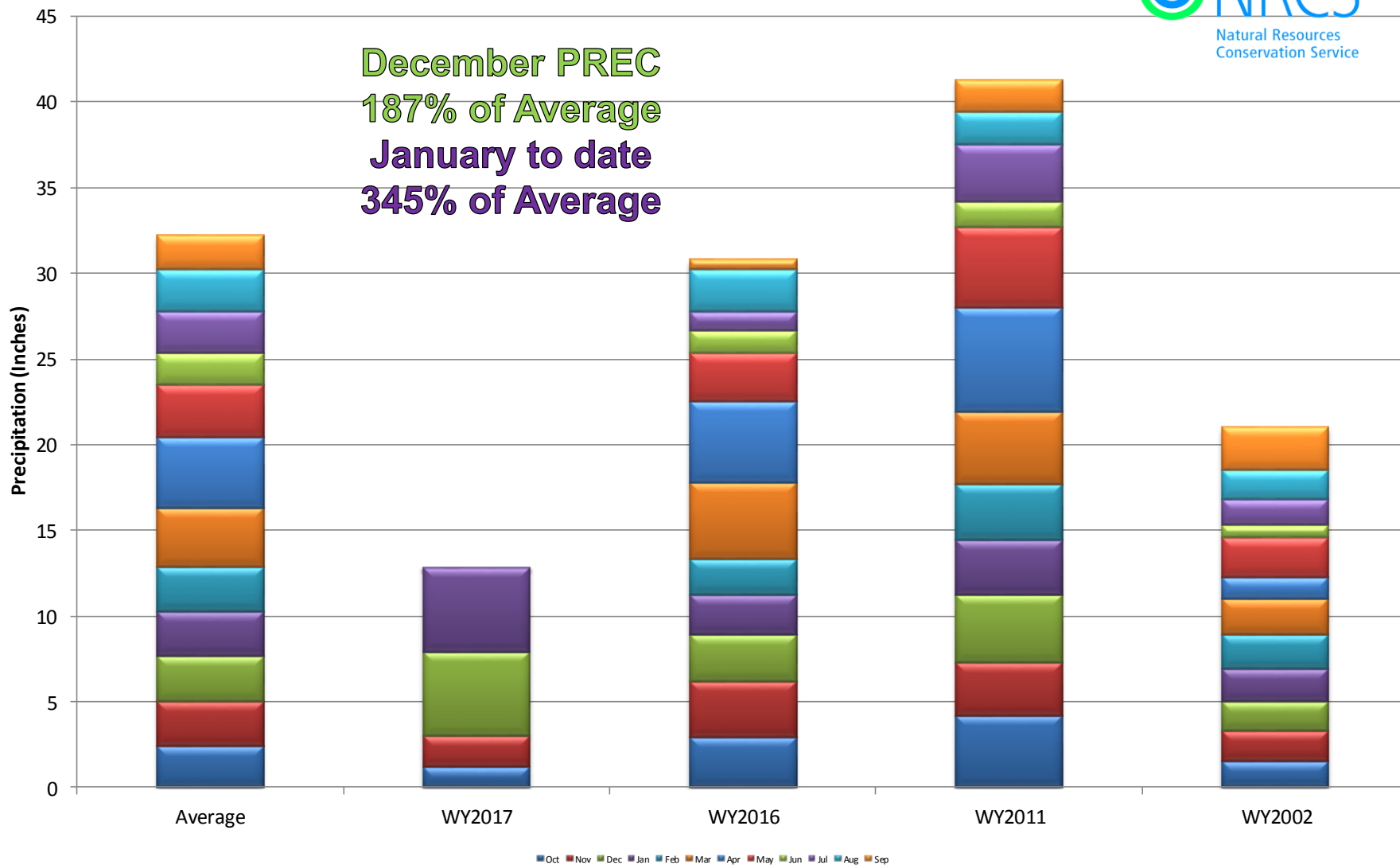


South Platte River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017

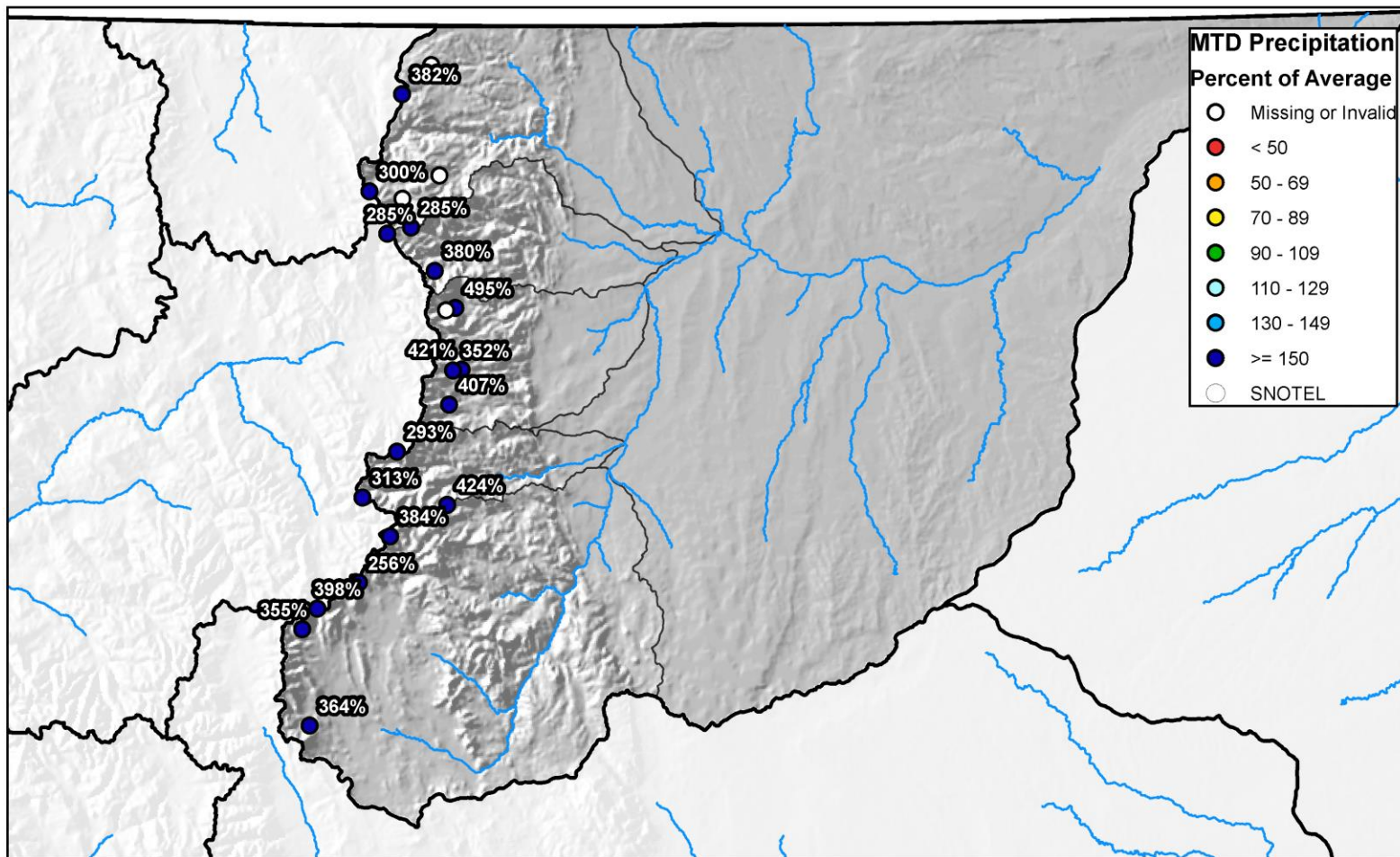


December PREC
187% of Average
January to date
345% of Average



South Platte River Basin Month to Date Precipitation Summary

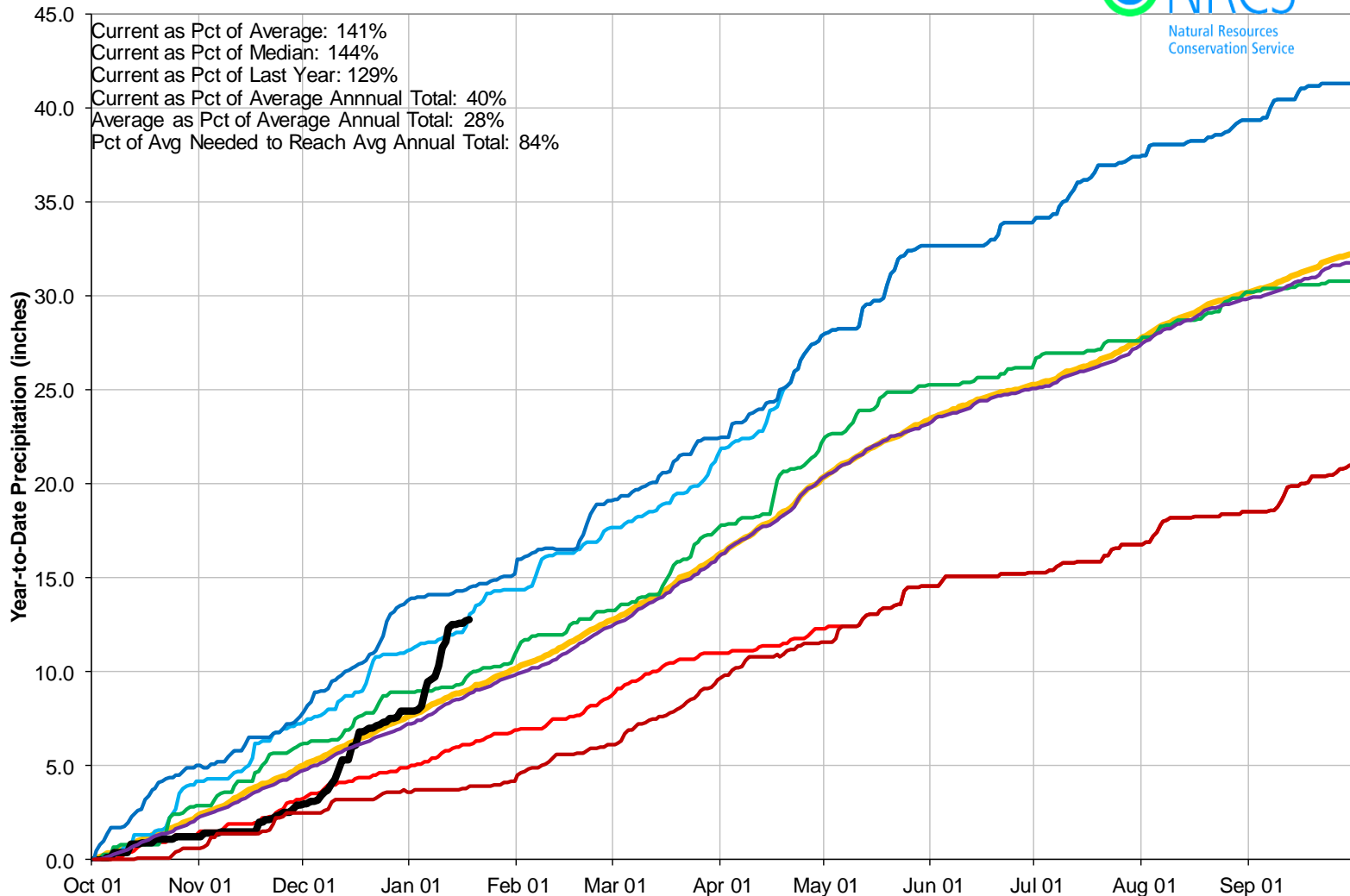
Current as of Jan 18, 2017

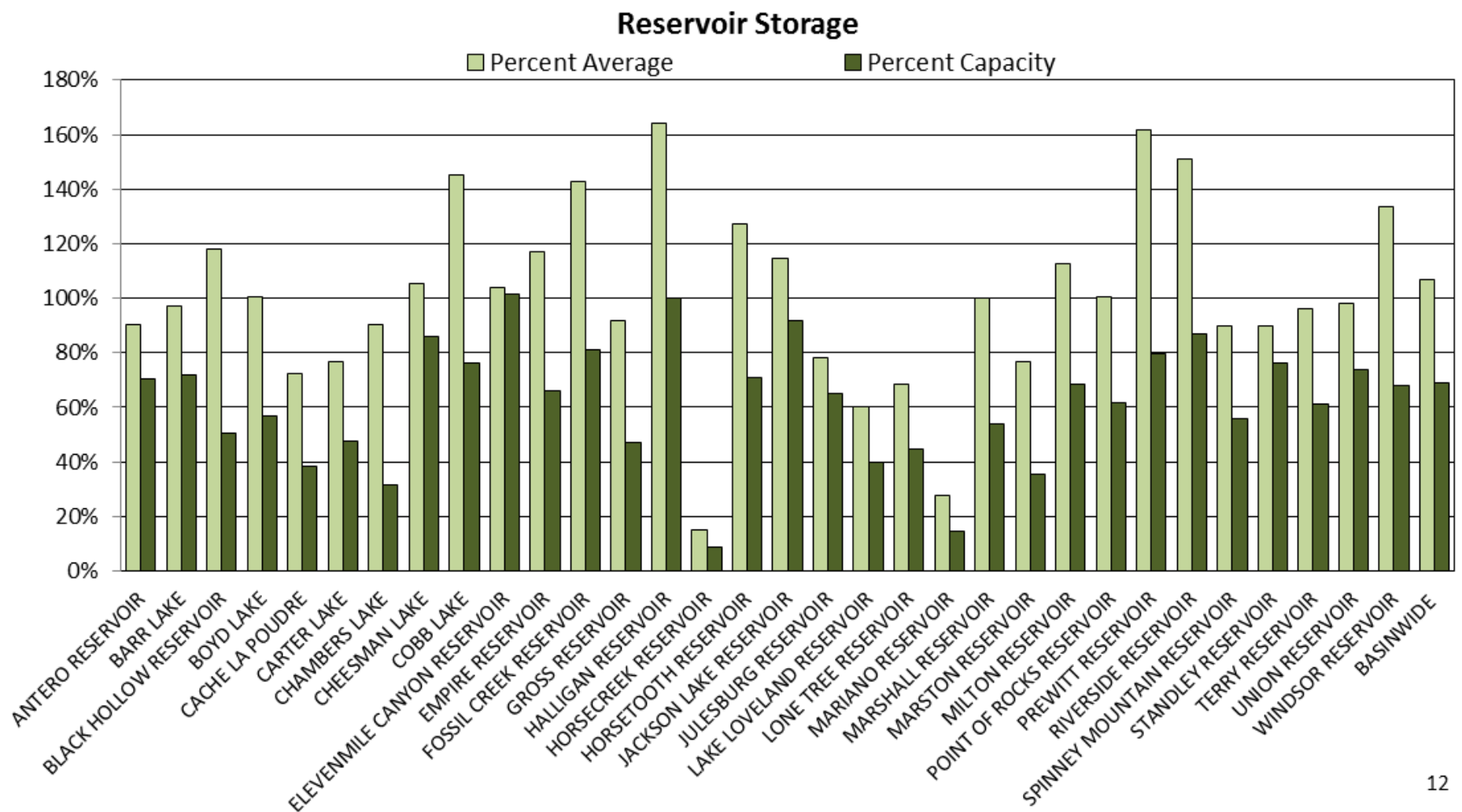


0 10 20 40 60 80 Miles

South Platte River Basin High/Low Year-to-Date Precipitation Summary

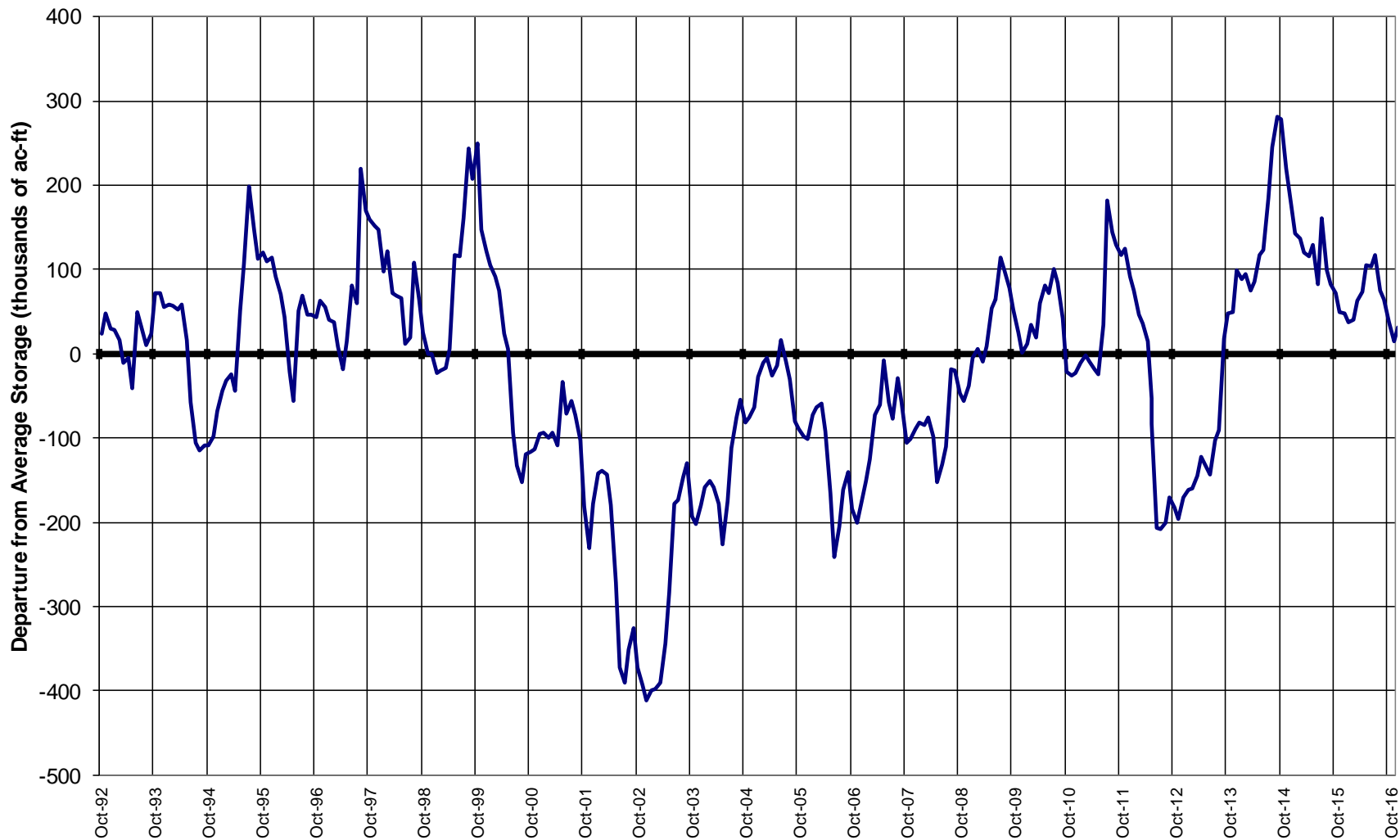
Based on Provisional SNOTEL data as of Jan 18, 2017





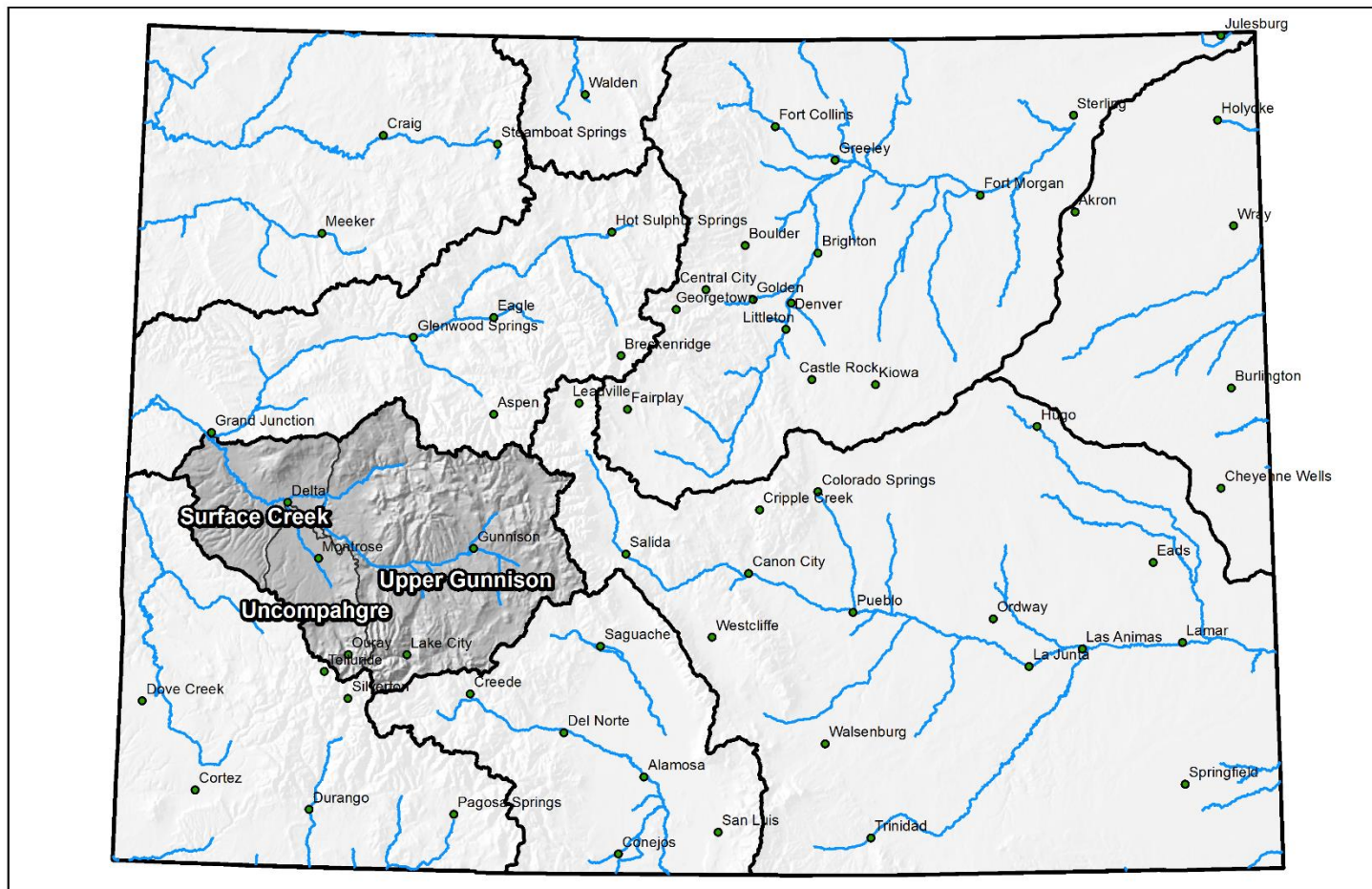


SOUTH PLATTE RIVER BASIN Reservoir Storage Departure from Average



Major Basin Summary

Gunnison River Basin

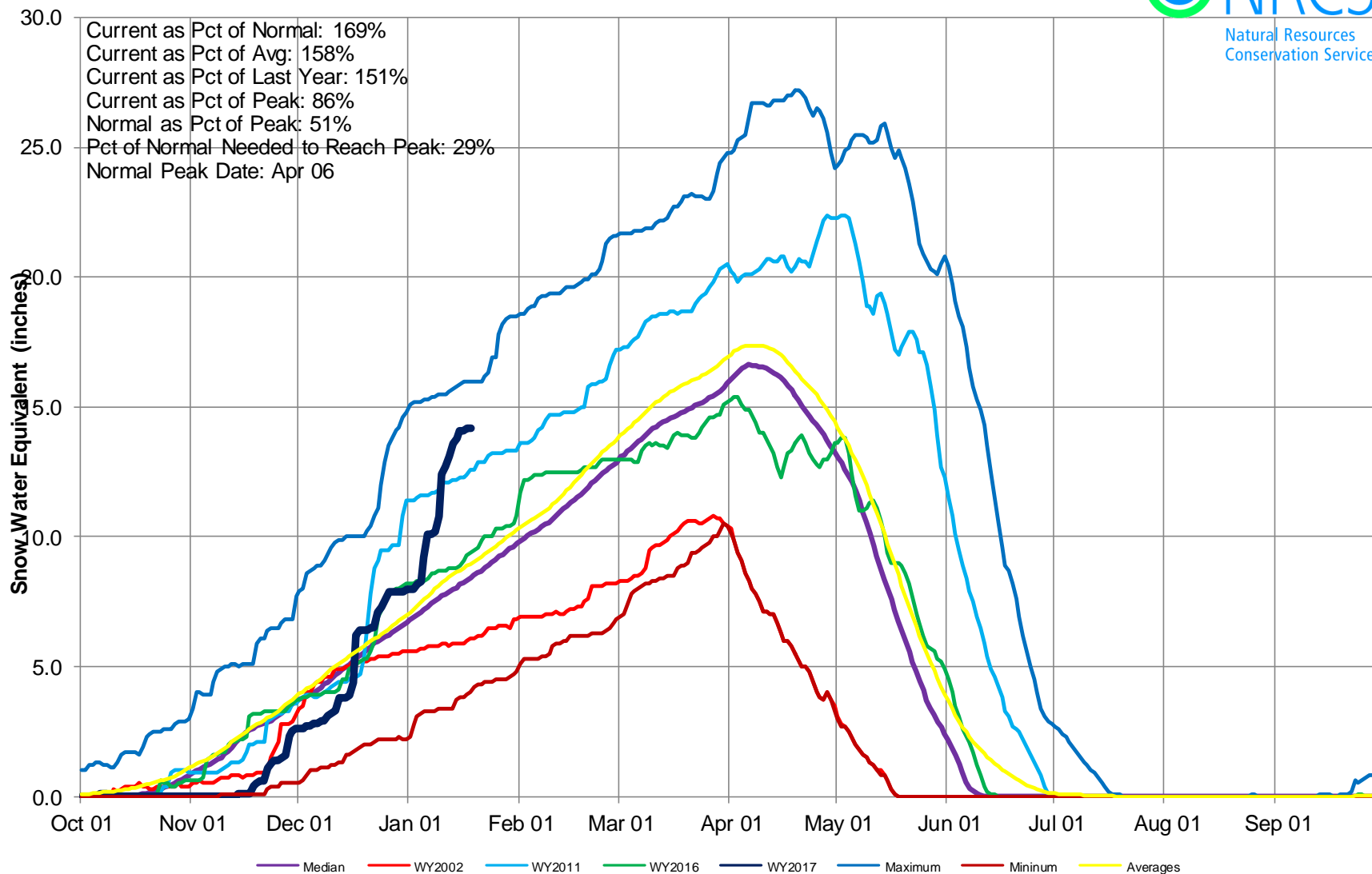


0 25 50 100 150 200 Miles



Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017

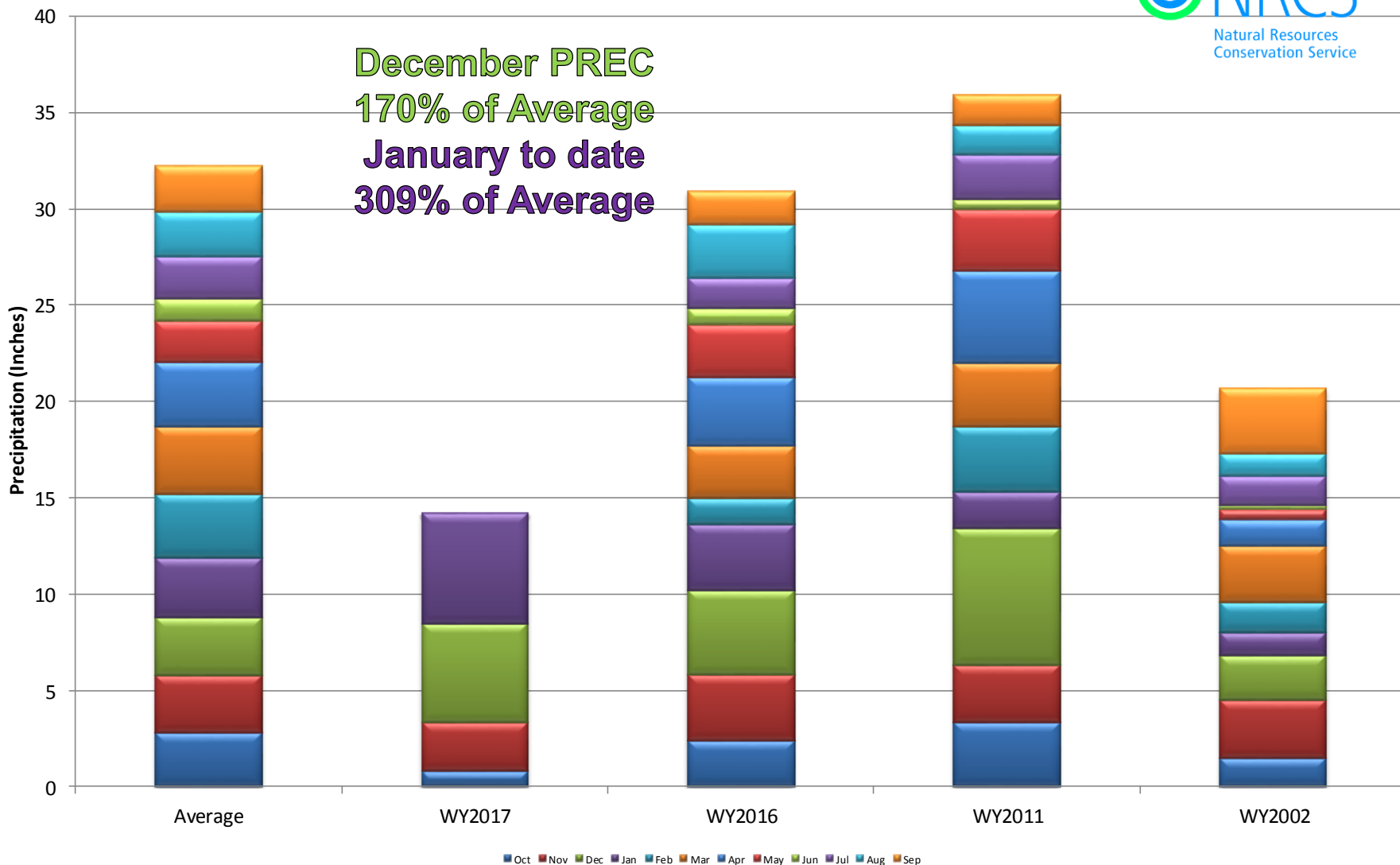


Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017

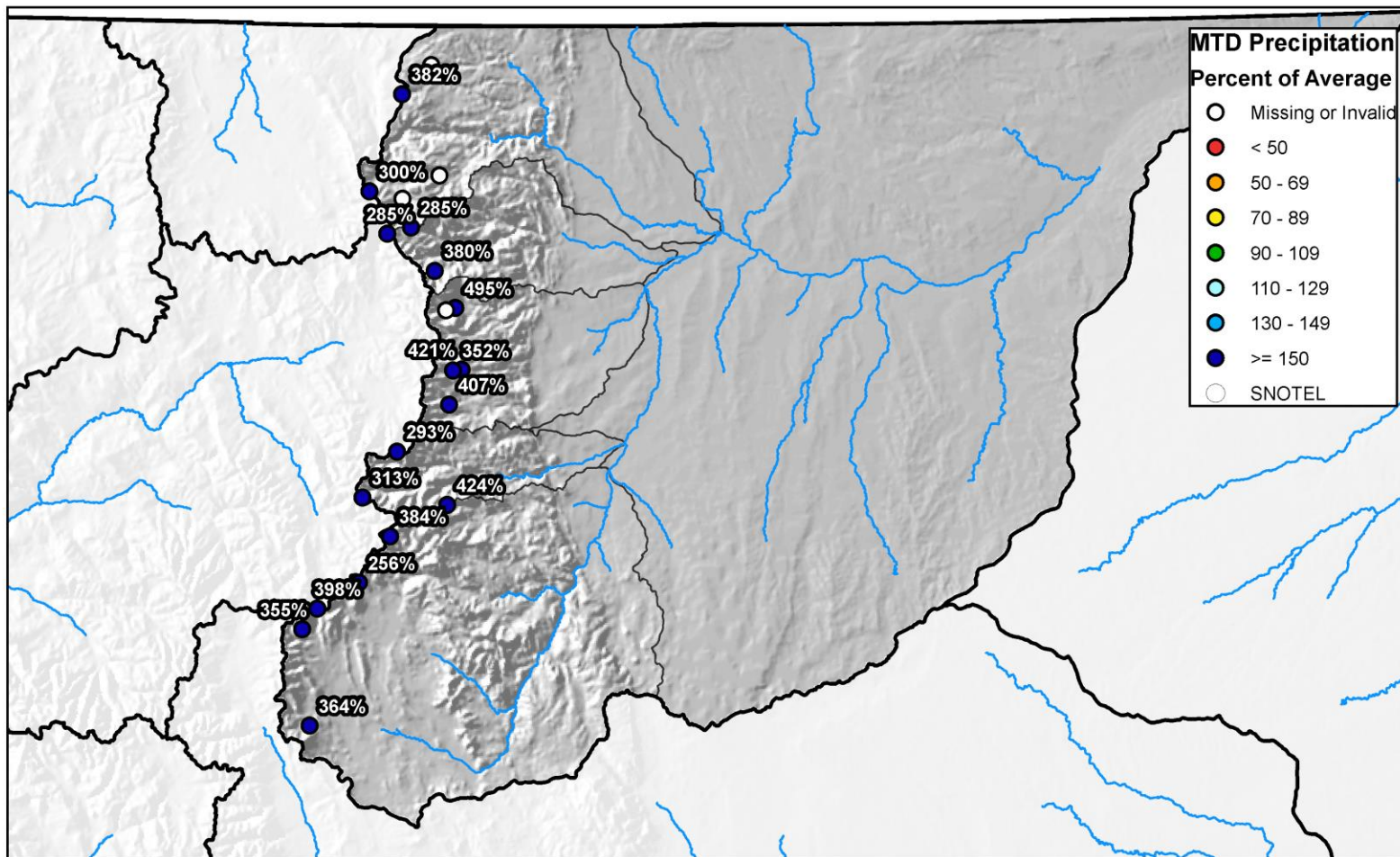


December PREC
170% of Average
January to date
309% of Average



South Platte River Basin Month to Date Precipitation Summary

Current as of Jan 18, 2017

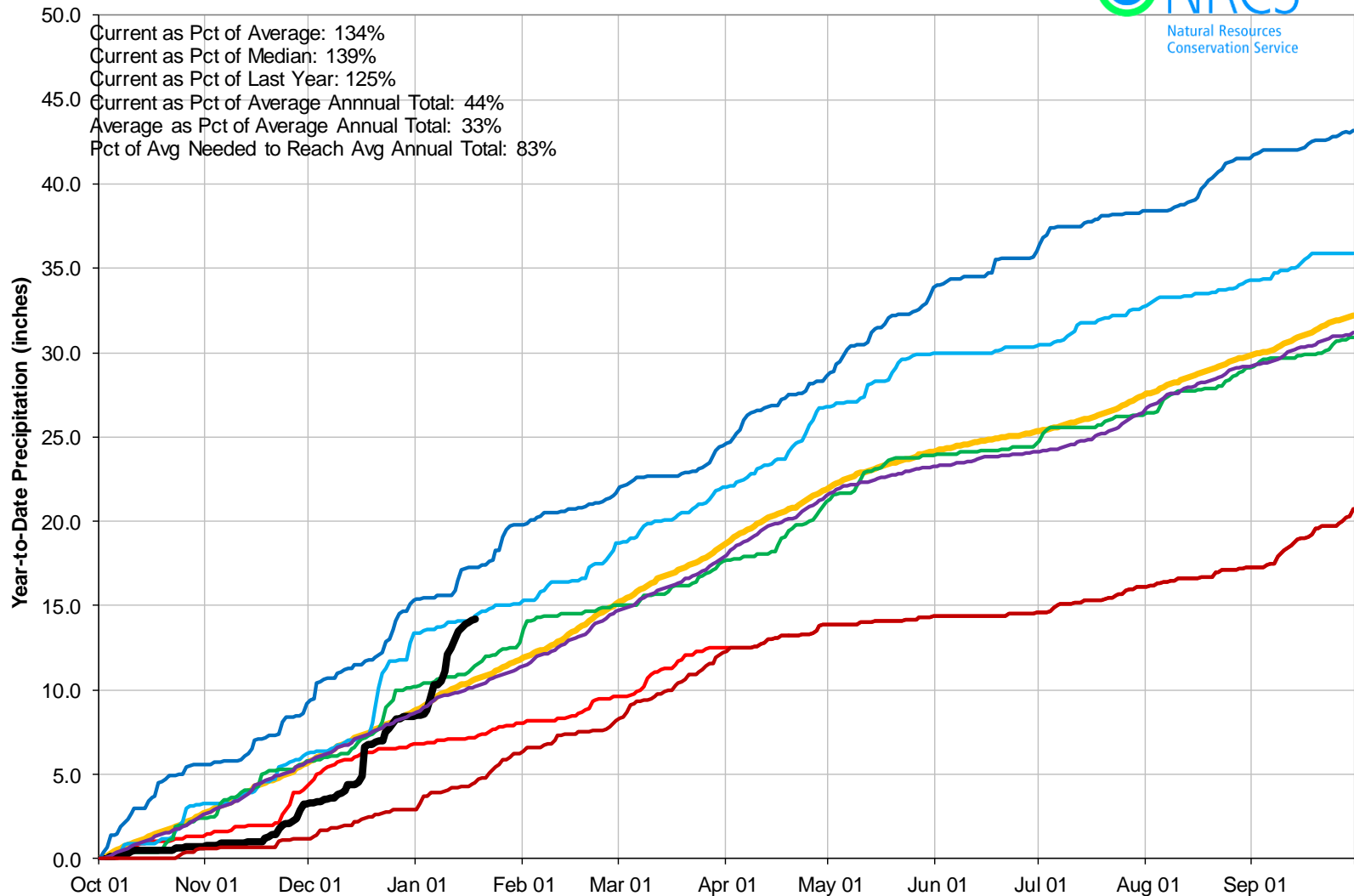


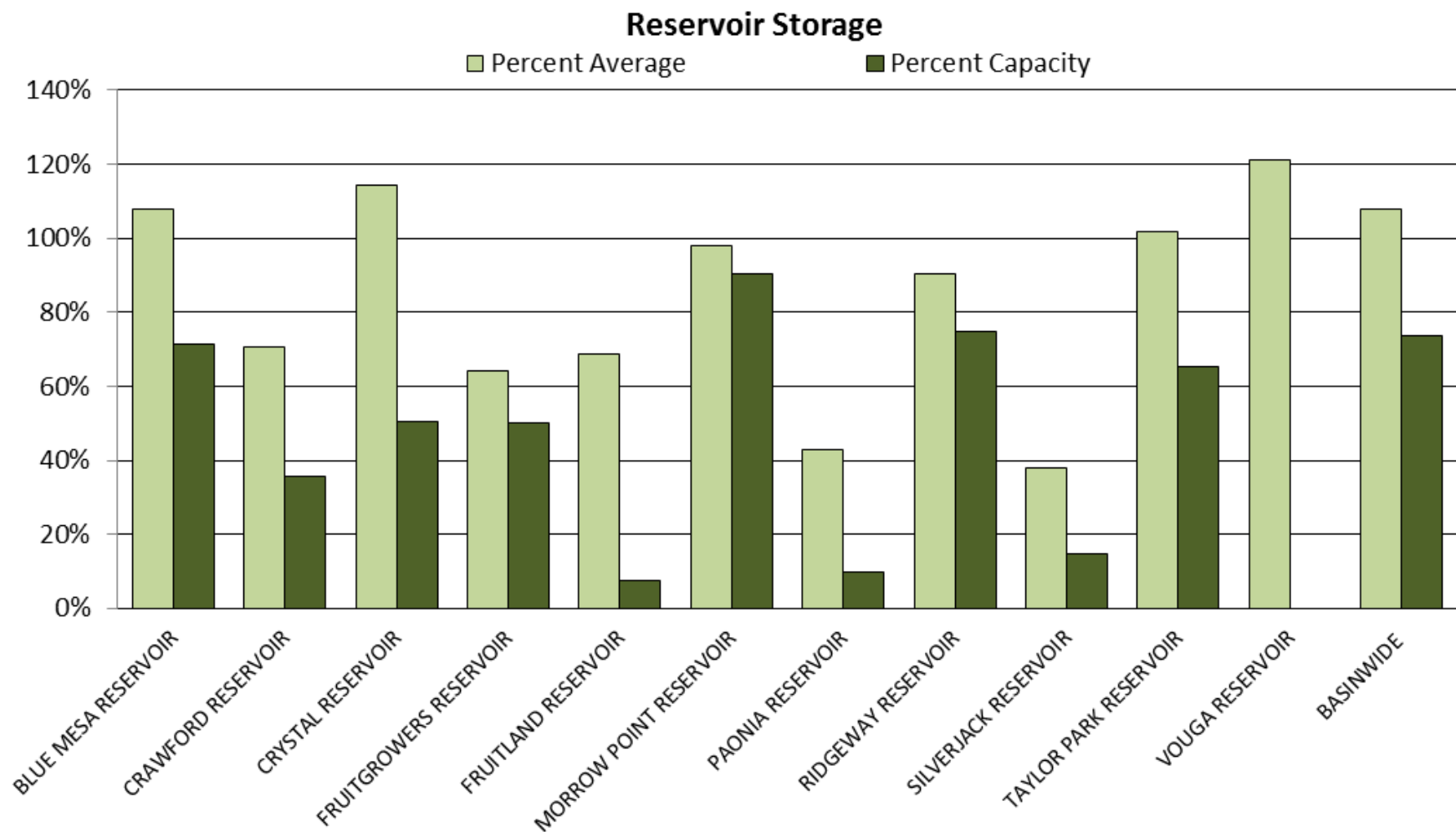
0 10 20 40 60 80 Miles



Gunnison River Basin High/Low Year-to-Date Precipitation Summary

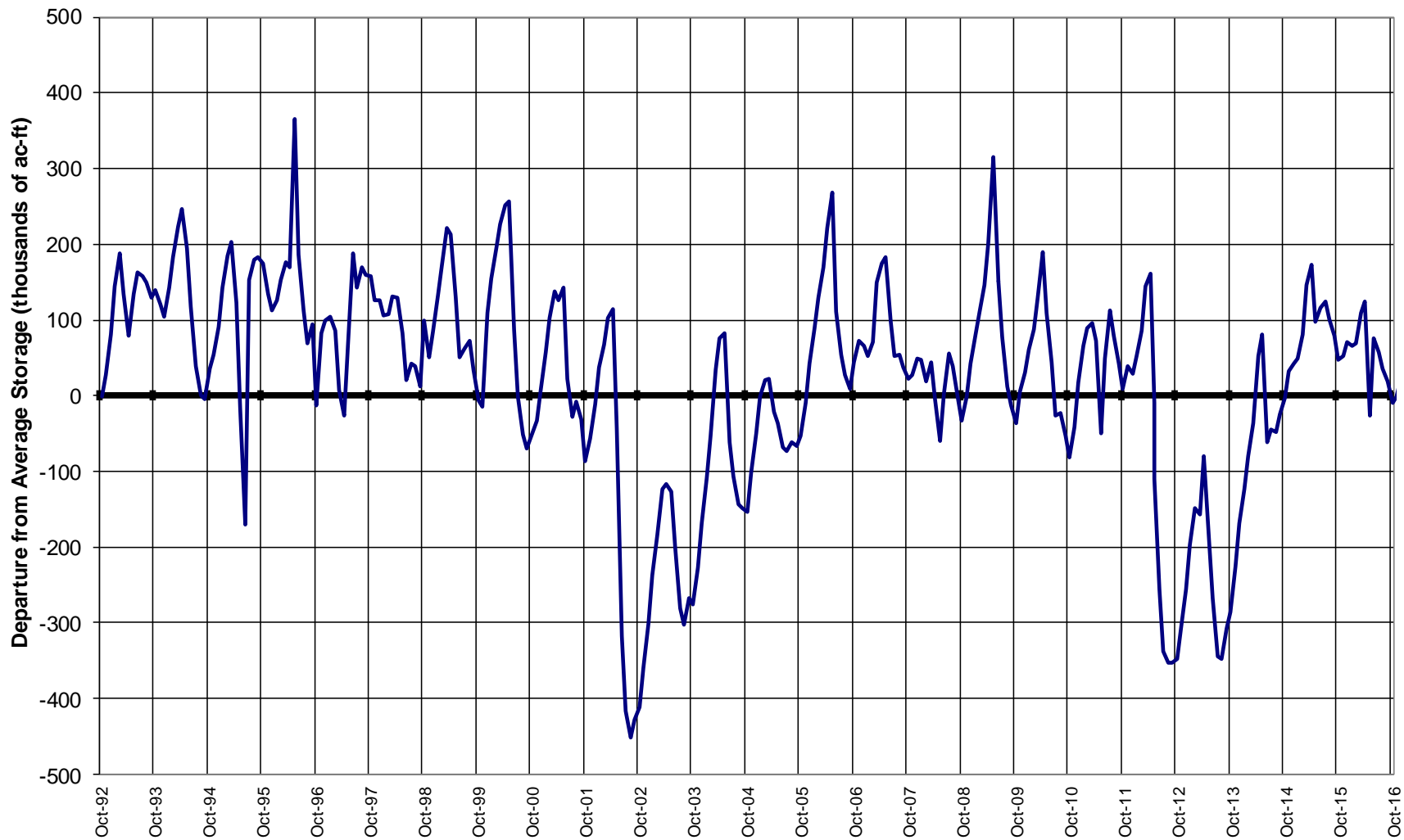
Based on Provisional SNOTEL data as of Jan 18, 2017





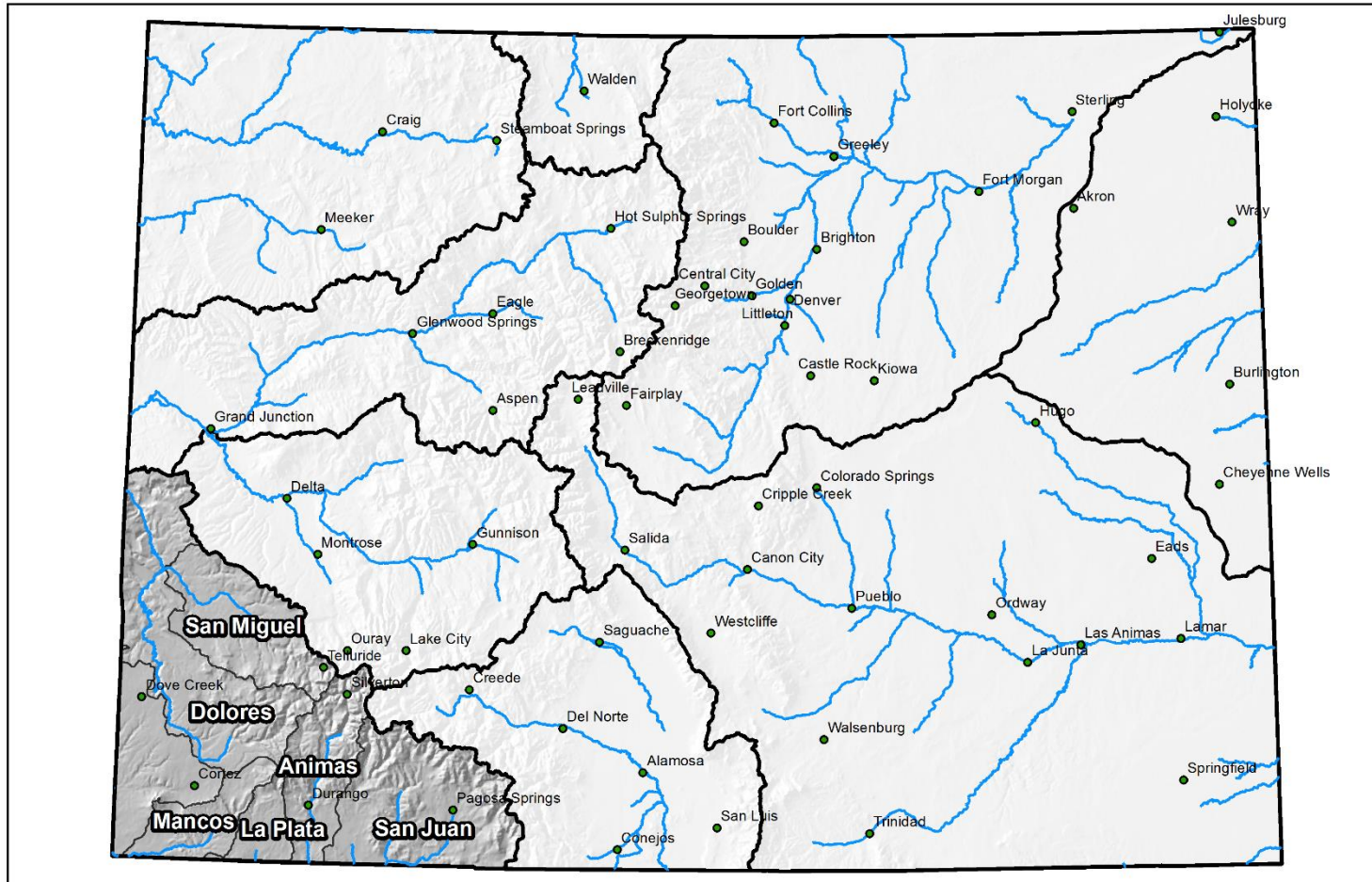


GUNNISON RIVER BASIN Reservoir Storage Departure from Average



Major Basin Summary

San Miguel, Dolores, Animas, and San Juan River Basins

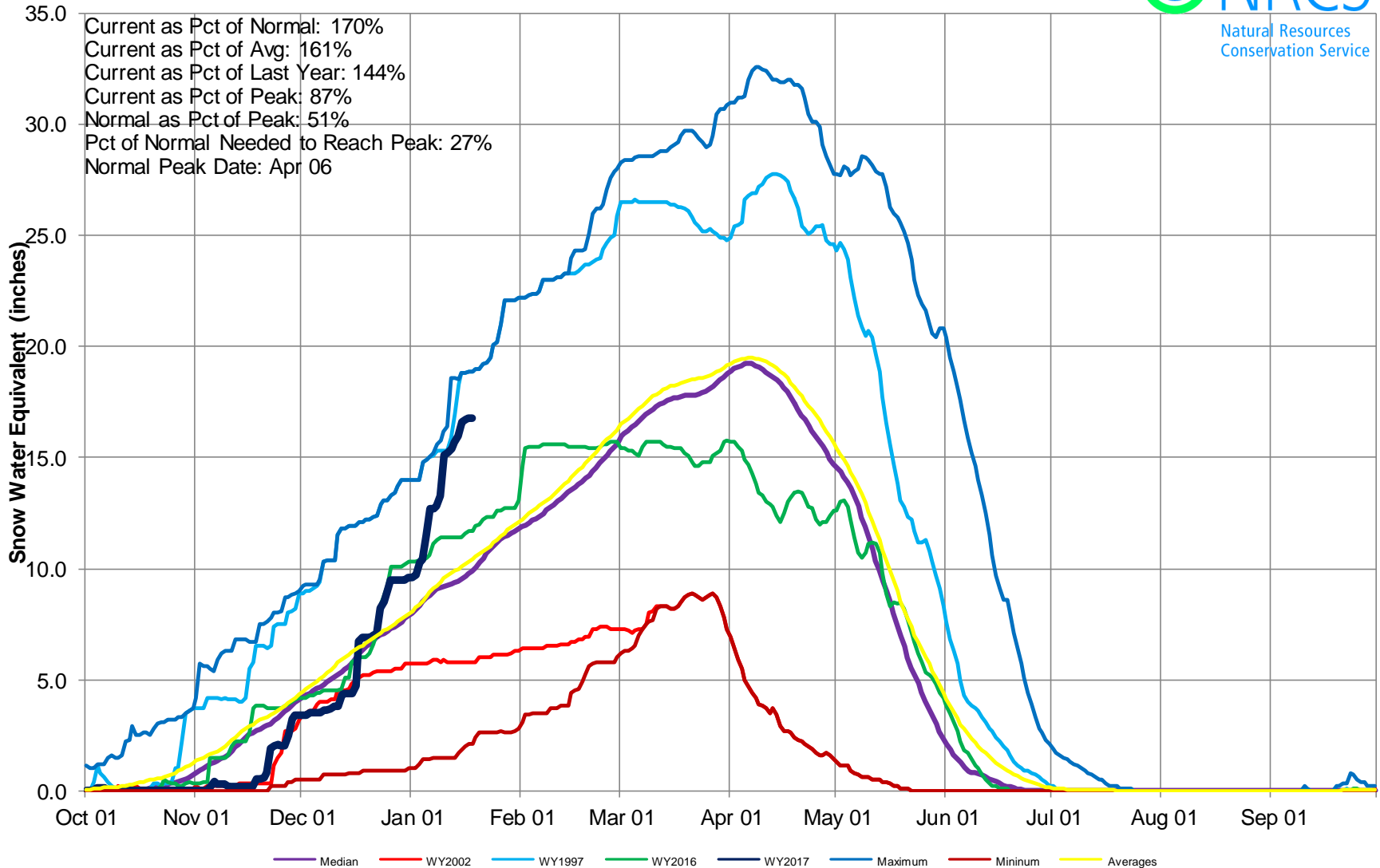


0 25 50 100 150 200 Miles

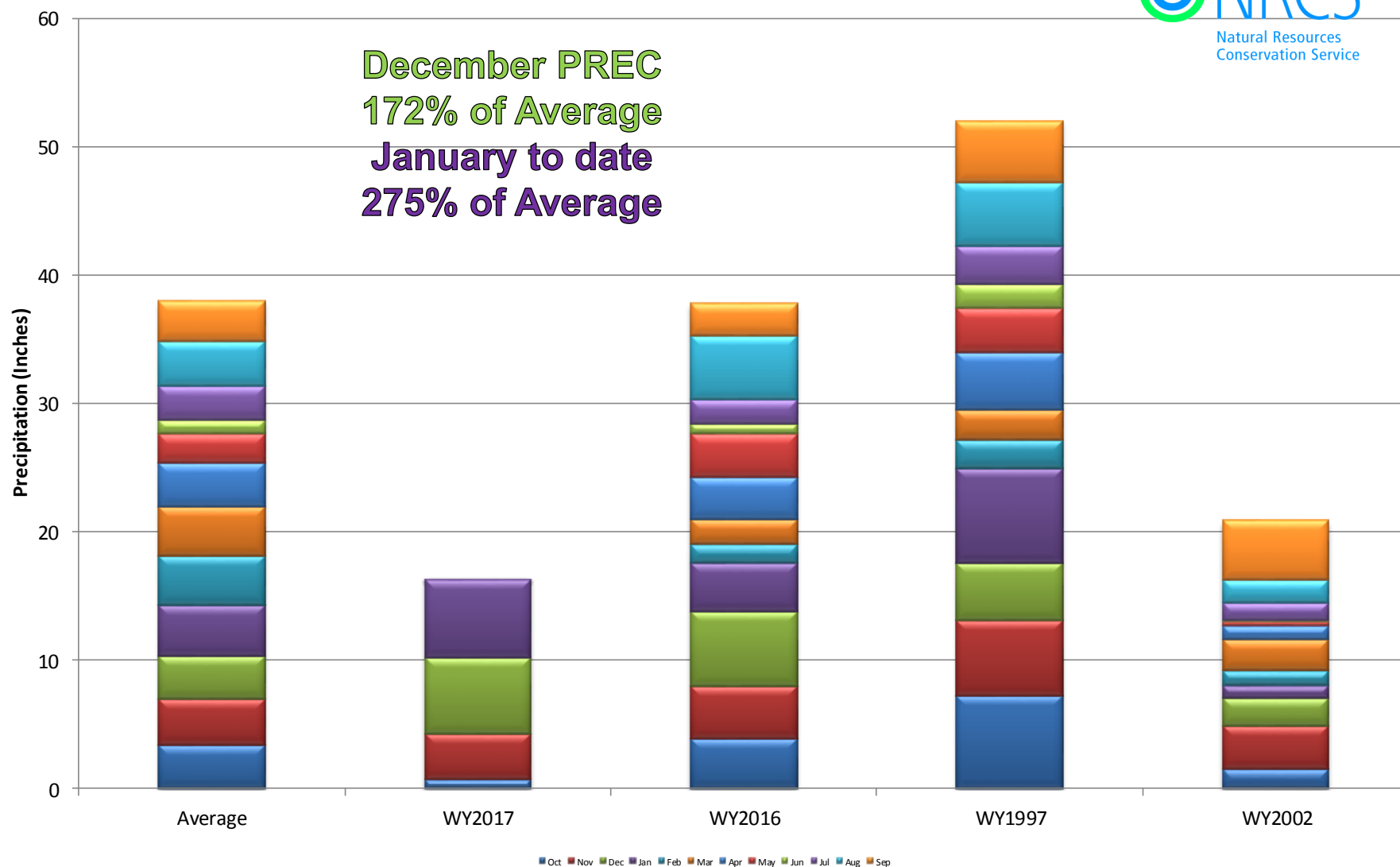


San Miguel, Dolores, Animas and San Juan River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



San Miguel, Dolores, Animas & San Juan River Basins High/Low Monthly Precipitation Summary

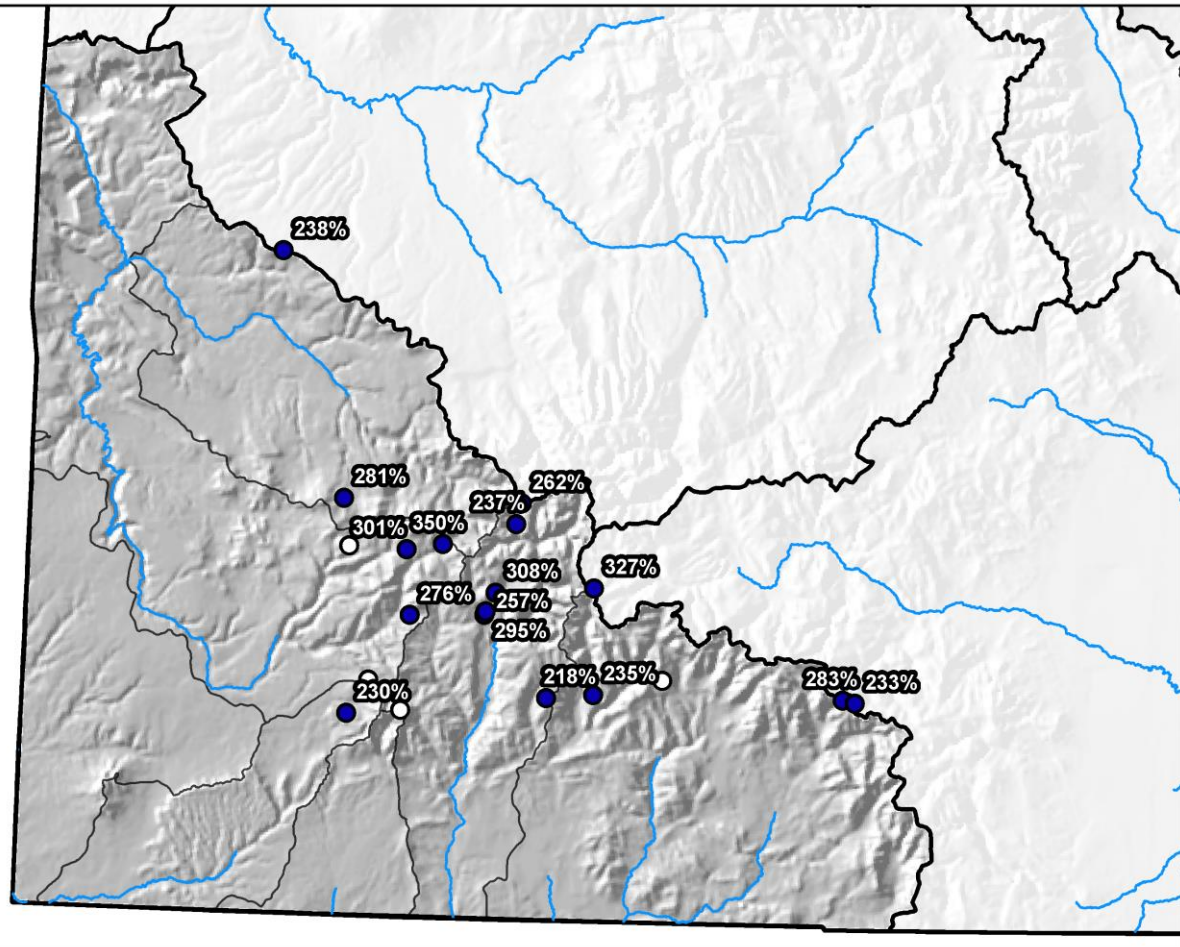


San Miguel, Dolores, Animas, and San Juan River Basins Month to Date Precipitation Summary

Current as of Jan 18, 2017

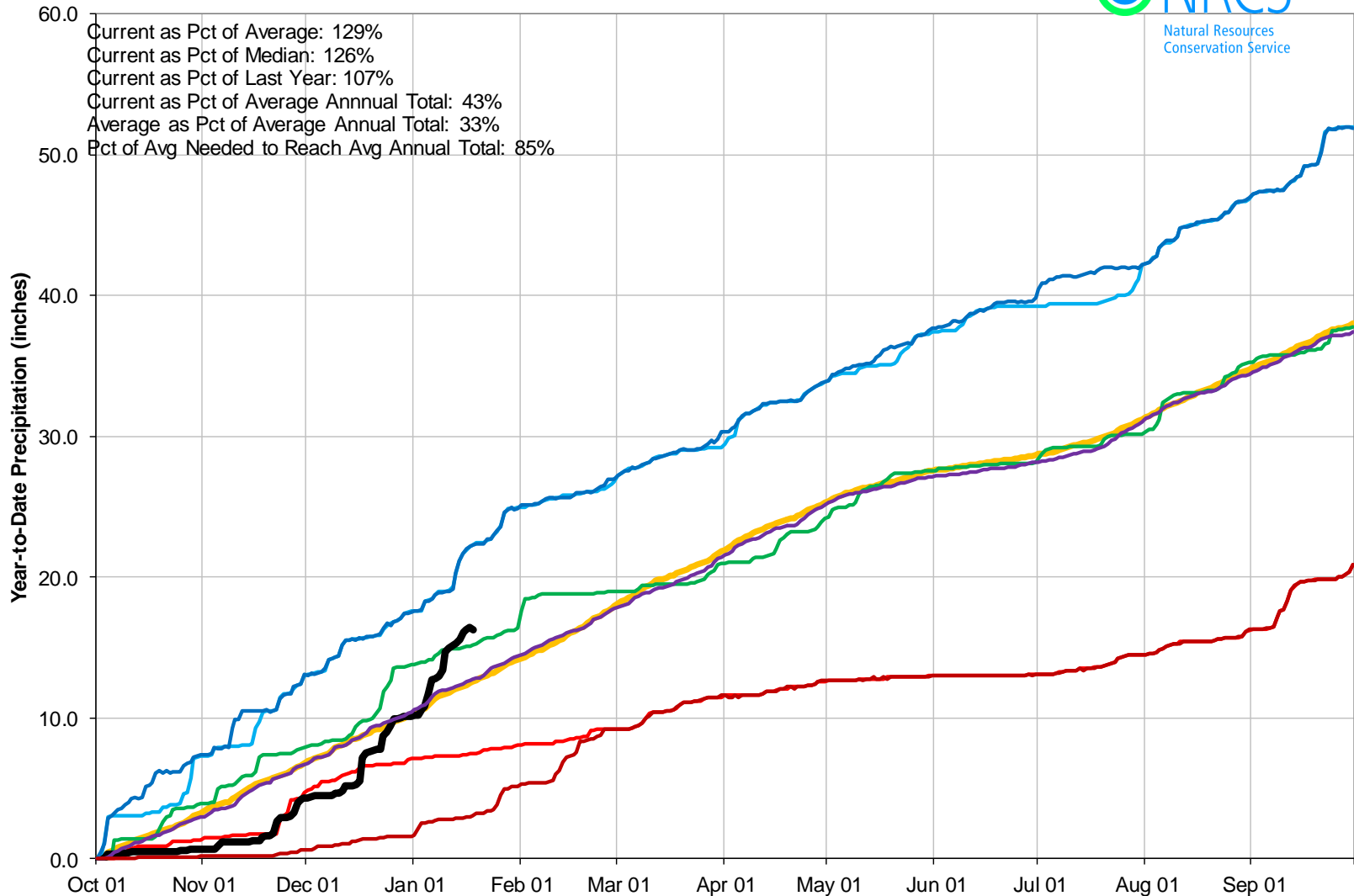
MTD Precipitation Percent of Average

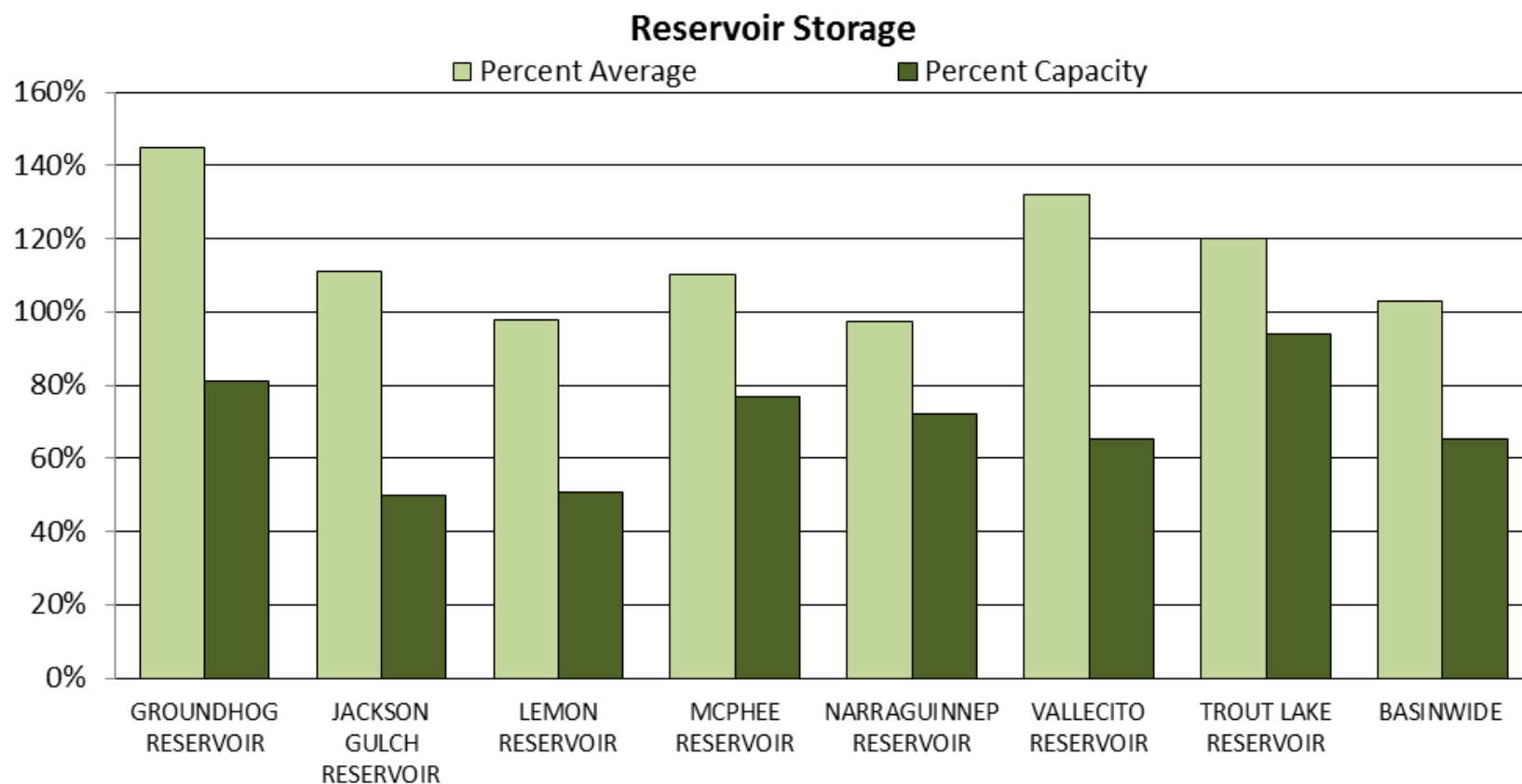
- Missing or Invalid
- < 50
- 50 - 69
- 70 - 89
- 90 - 109
- 110 - 129
- 130 - 149
- ≥ 150
- SNOTEL



San Miguel, Dolores, Animas & San Juan River Basins High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017

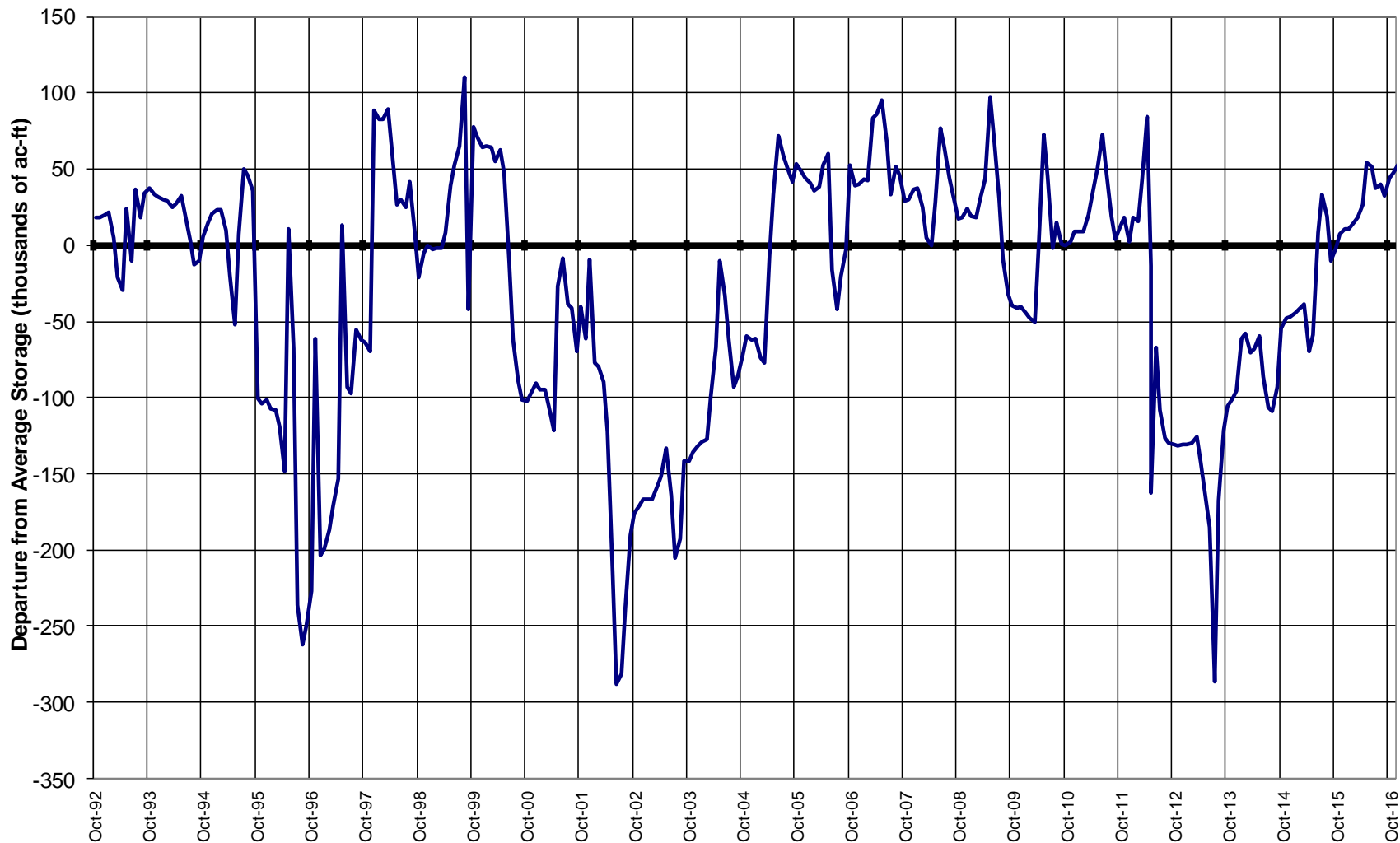






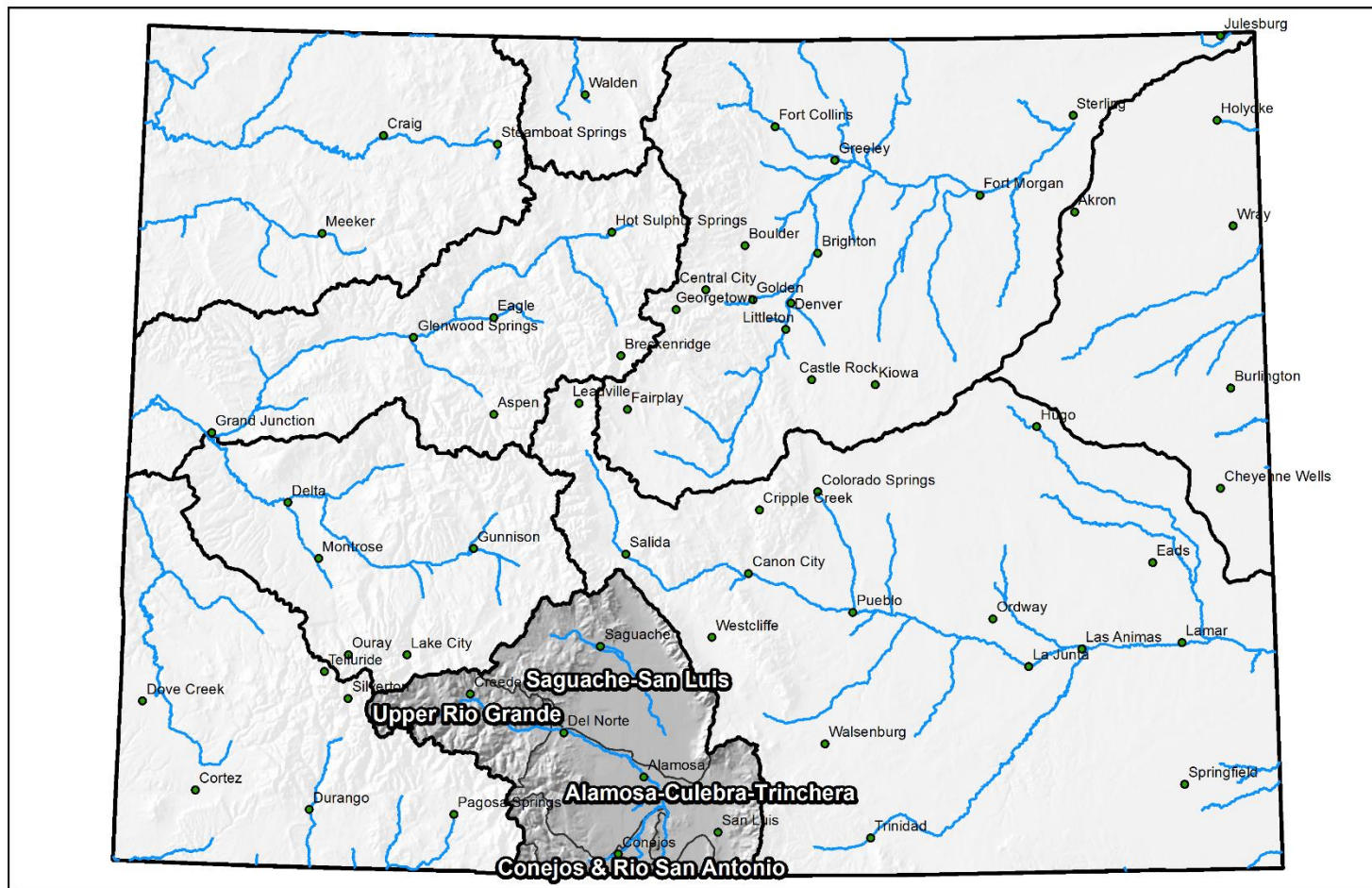
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS

Reservoir Storage
Departure from Average



Major Basin Summary

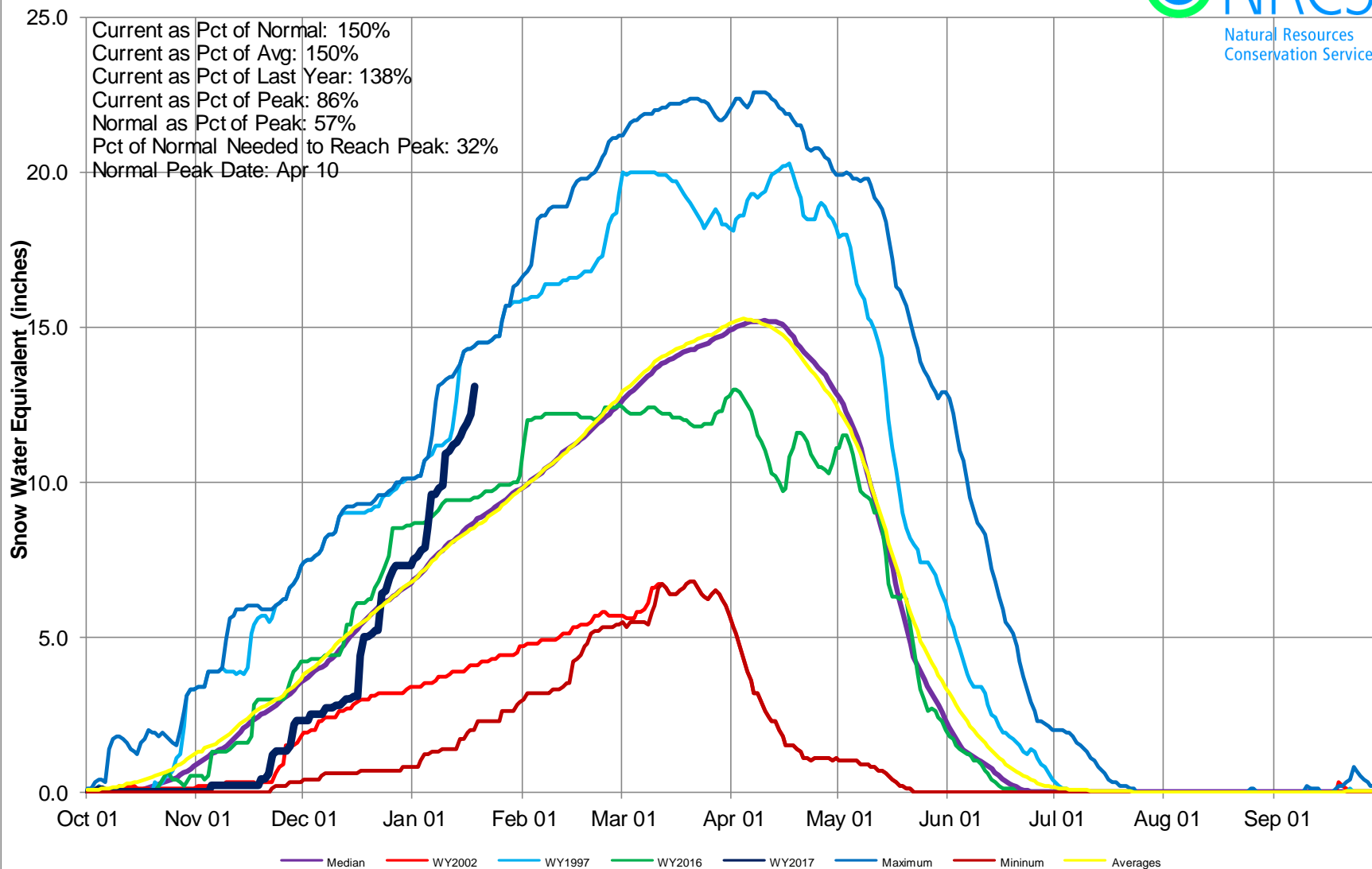
Upper Rio Grande River Basin





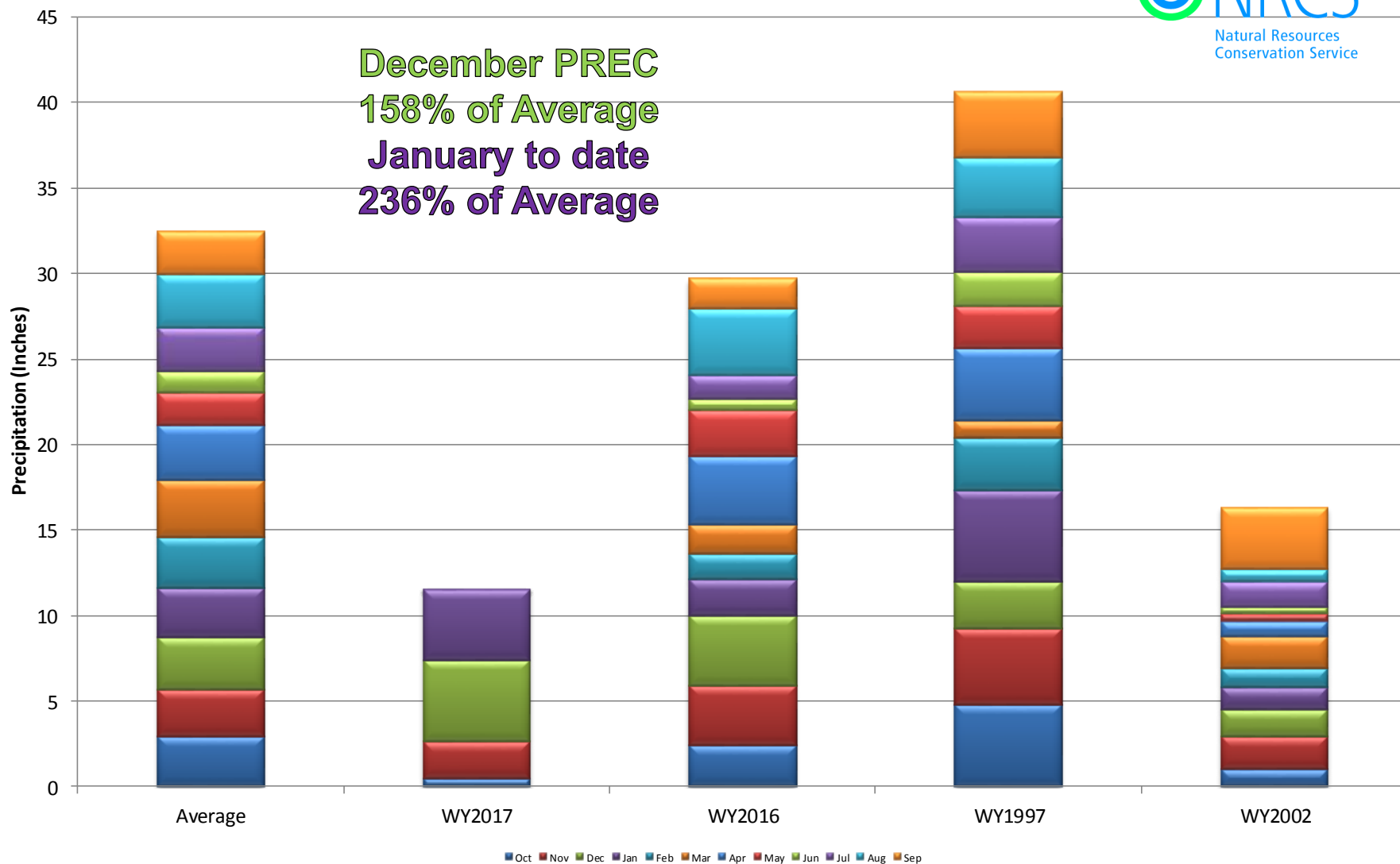
Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



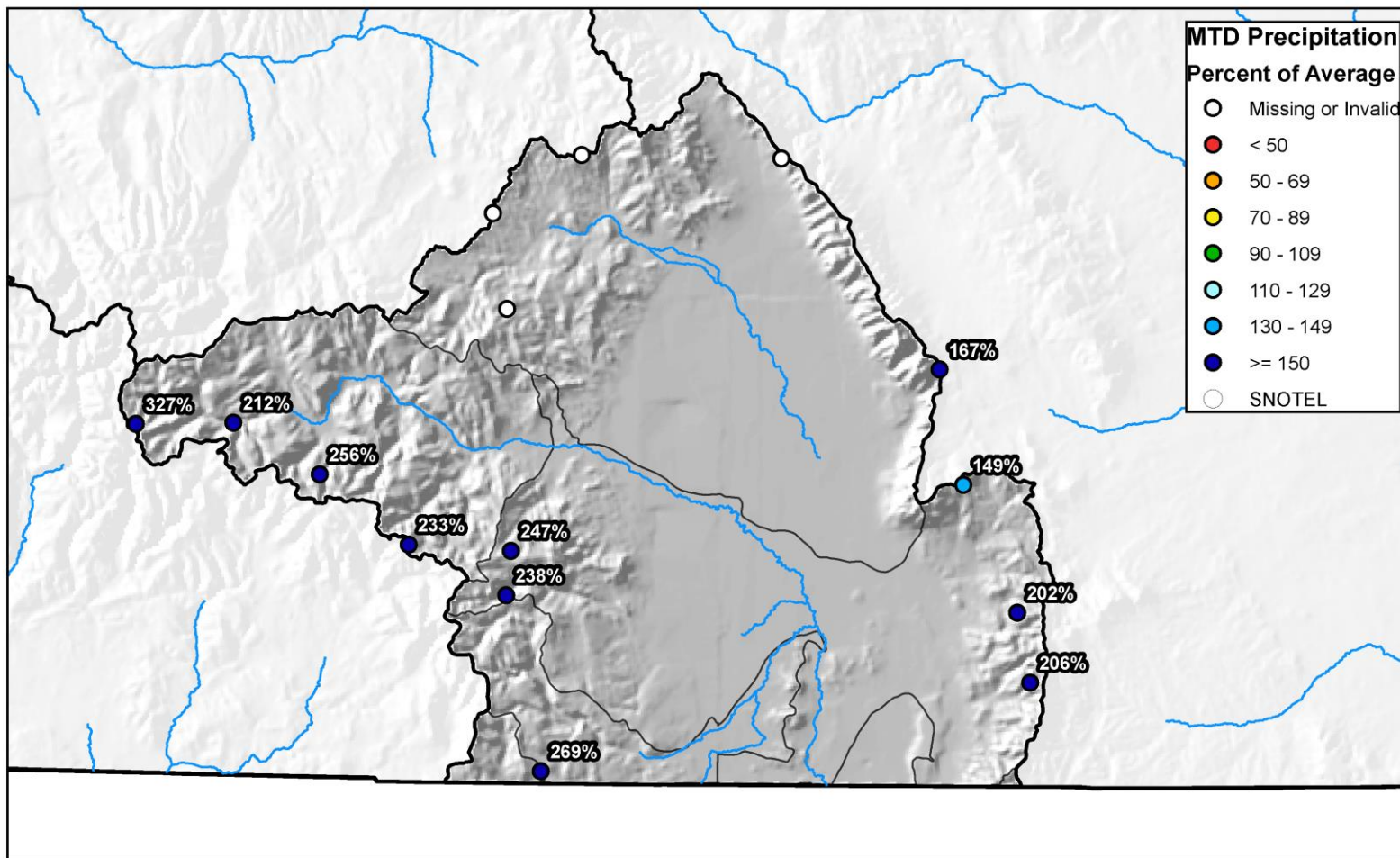
Upper Rio Grande Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



Upper Rio Grande River Basin Month to Date Precipitation Summary

Current as of Jan 18, 2017

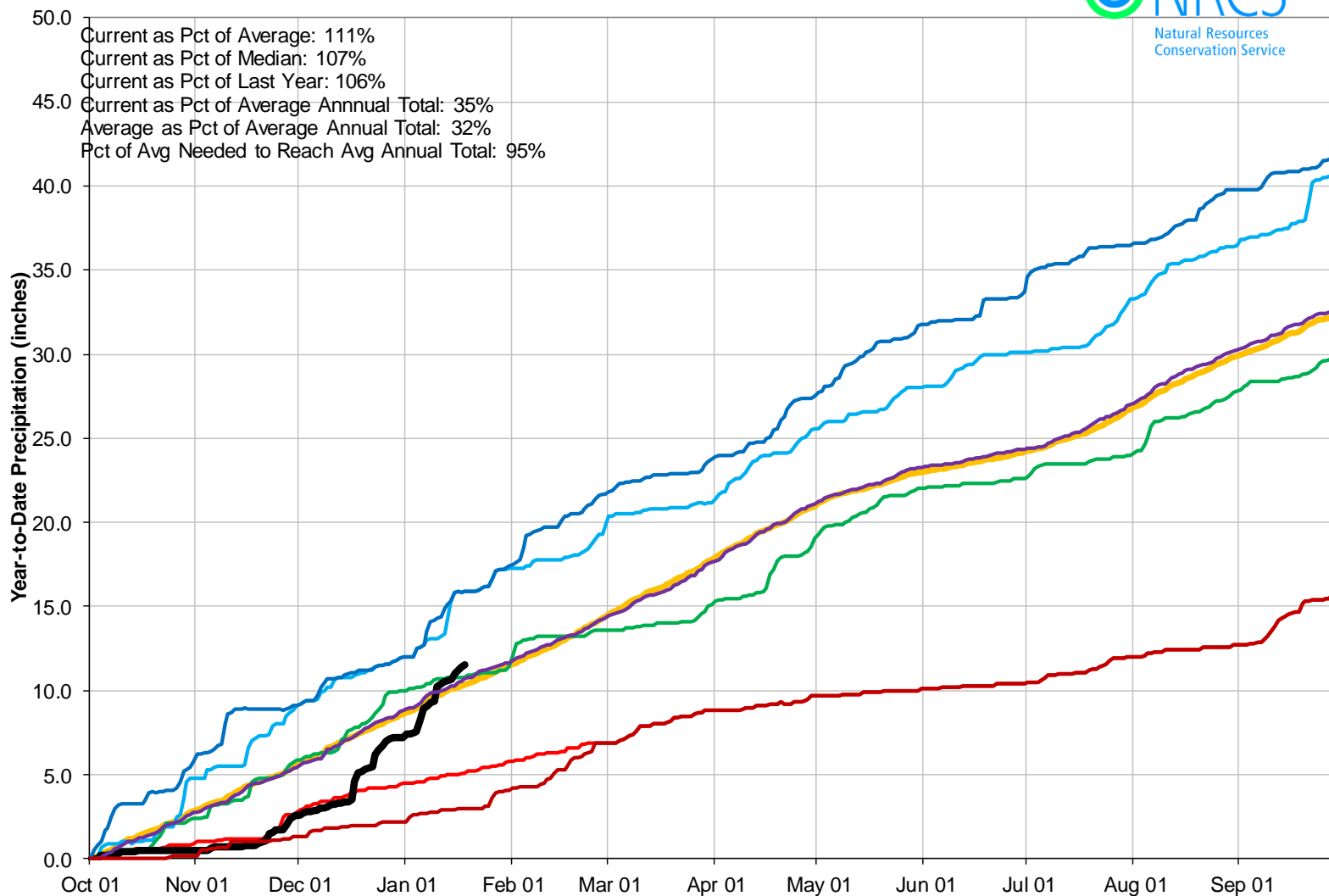


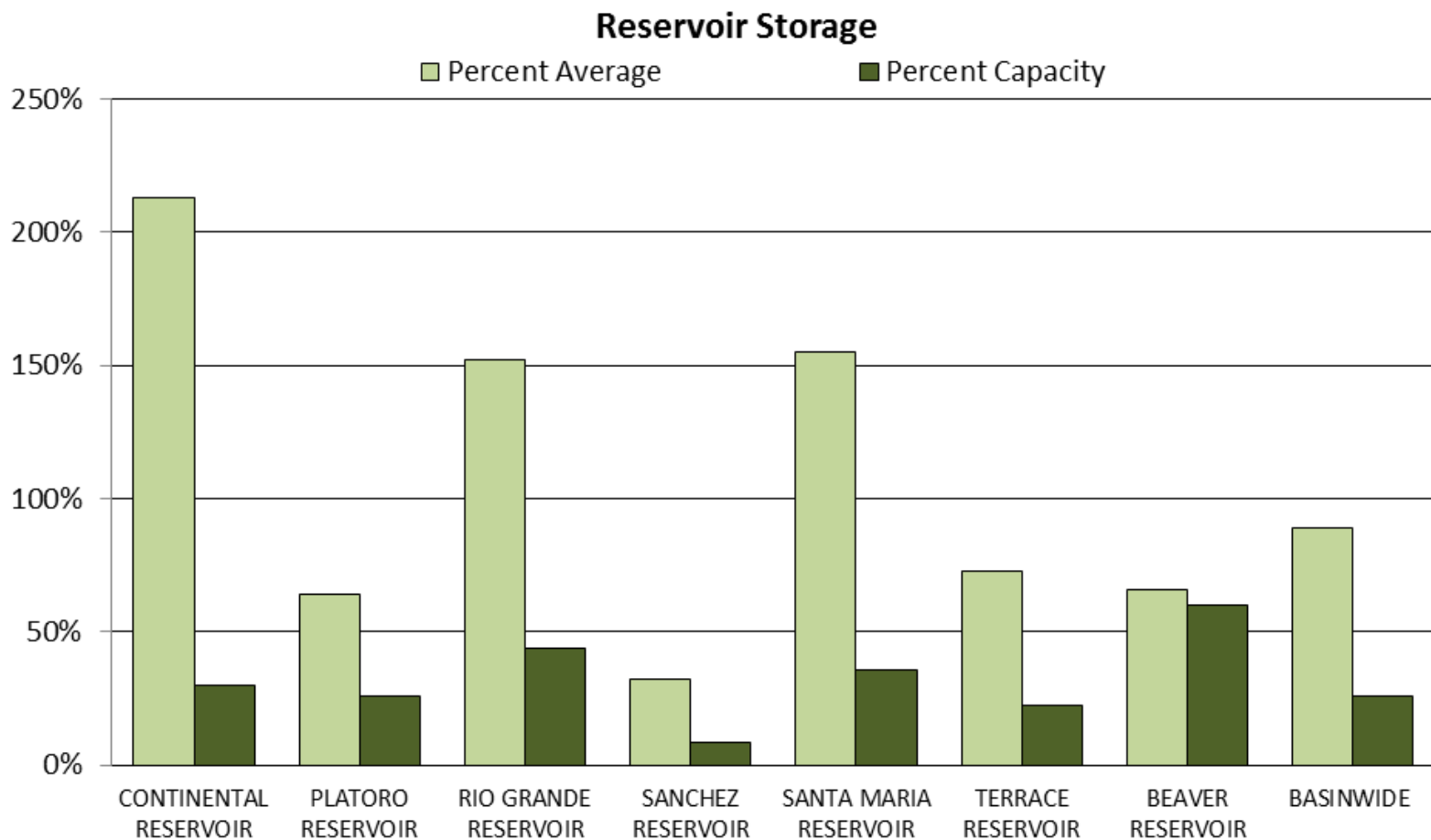
0 10 20 40 60 80 Miles



Upper Rio Grande Basin High/Low Year-to-Date Precipitation Summary

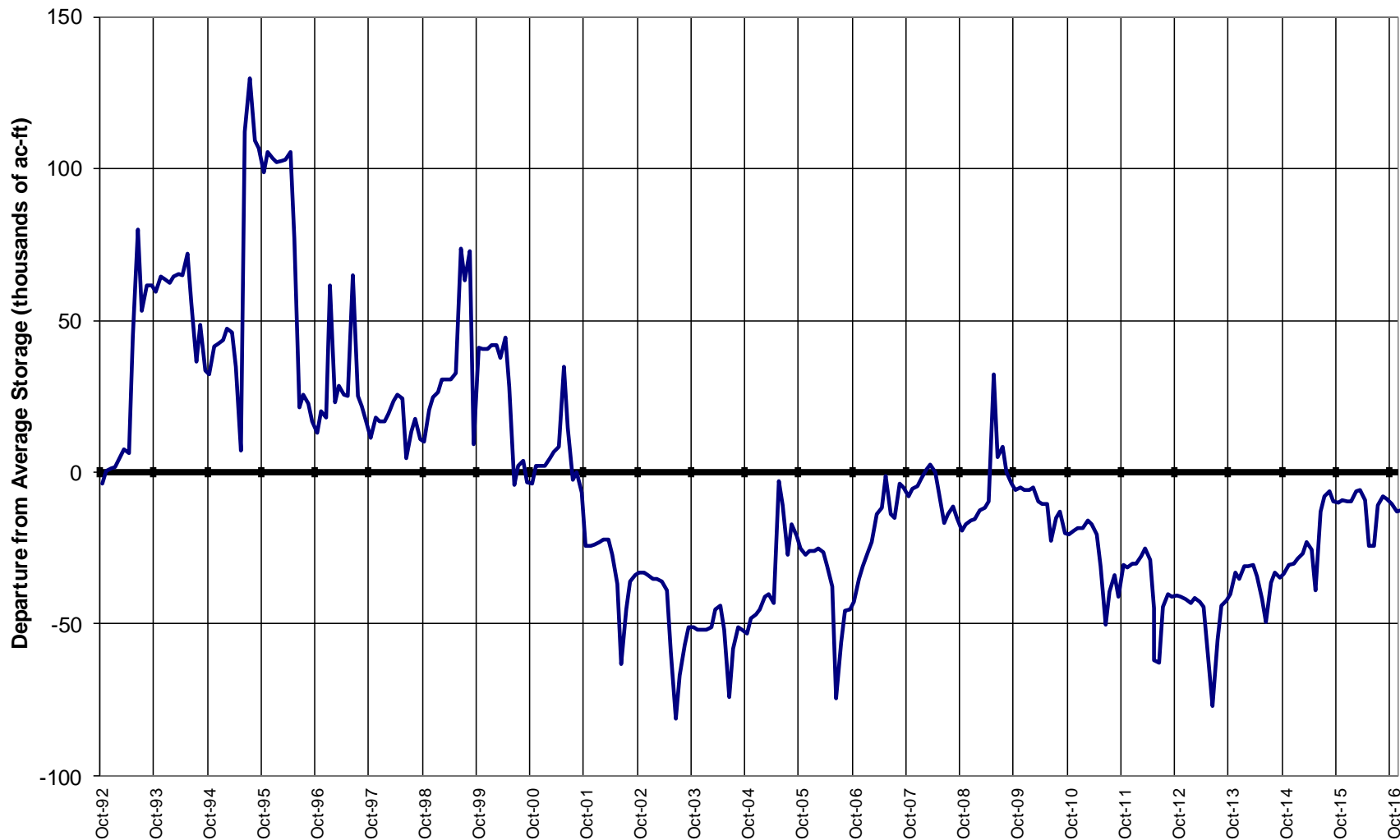
Based on Provisional SNOTEL data as of Jan 18, 2017





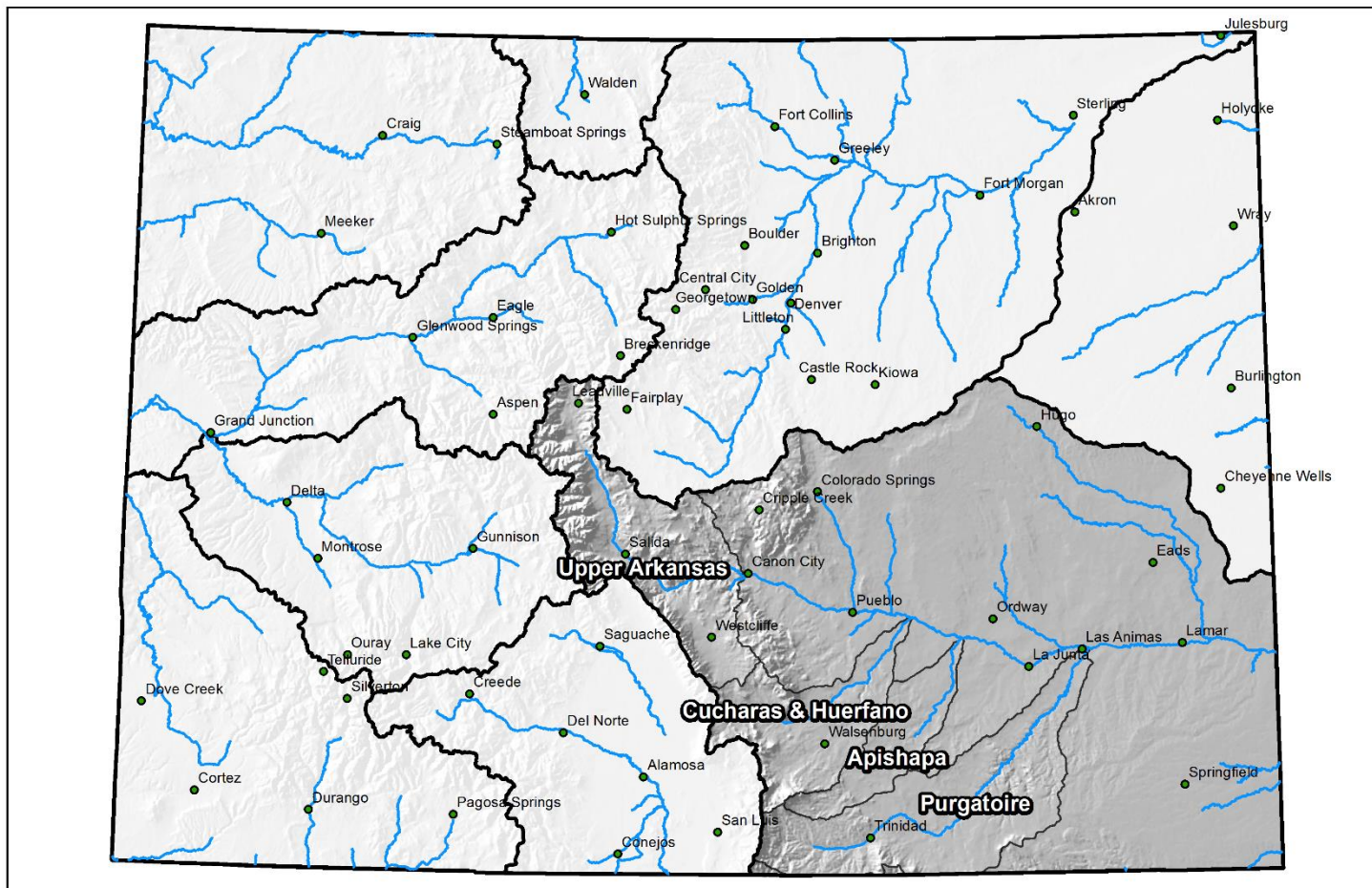


UPPER RIO GRANDE BASIN Reservoir Storage Departure from Average



Major Basin Summary

Arkansas River Basin

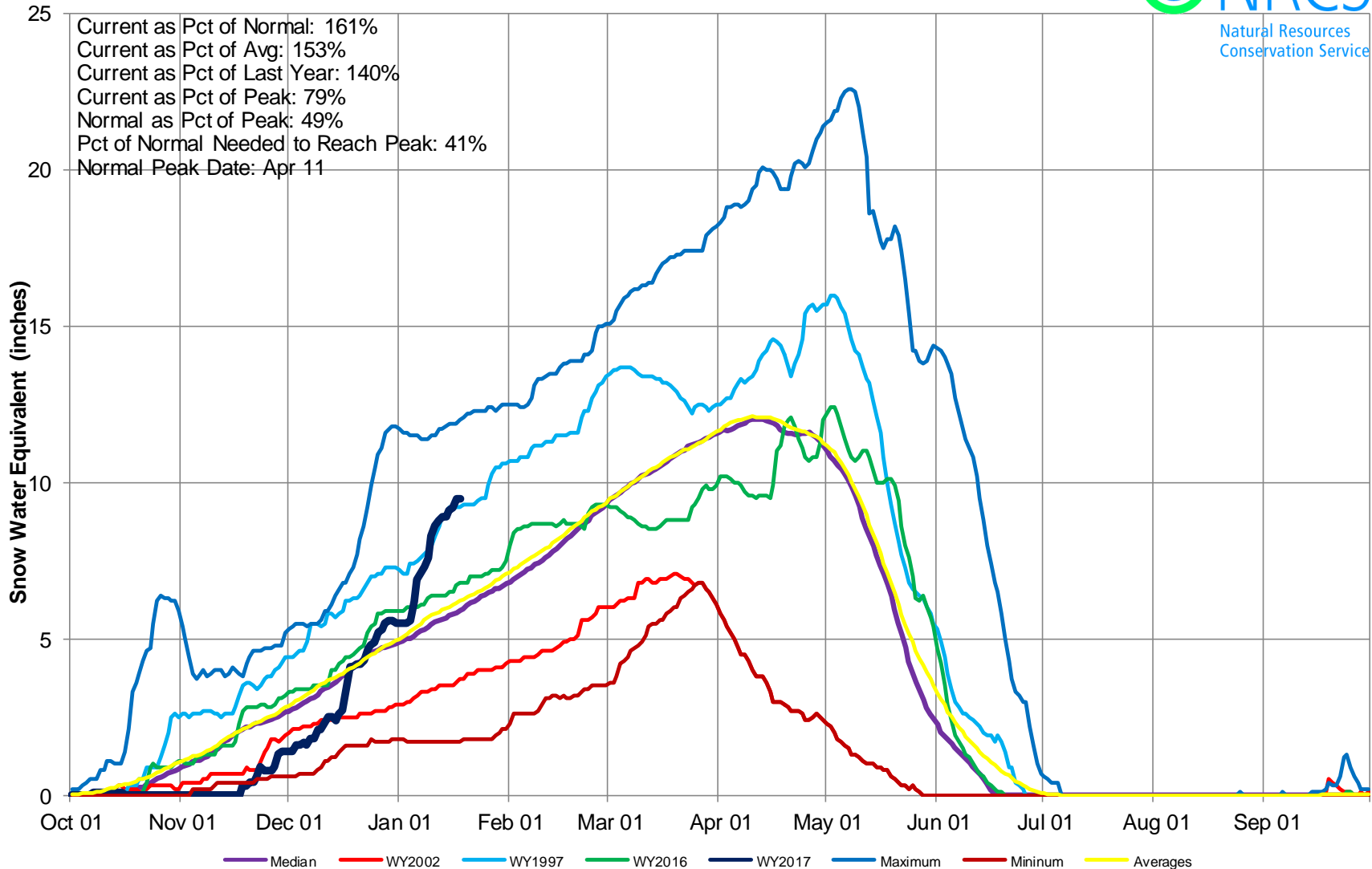


0 25 50 100 150 200 Miles



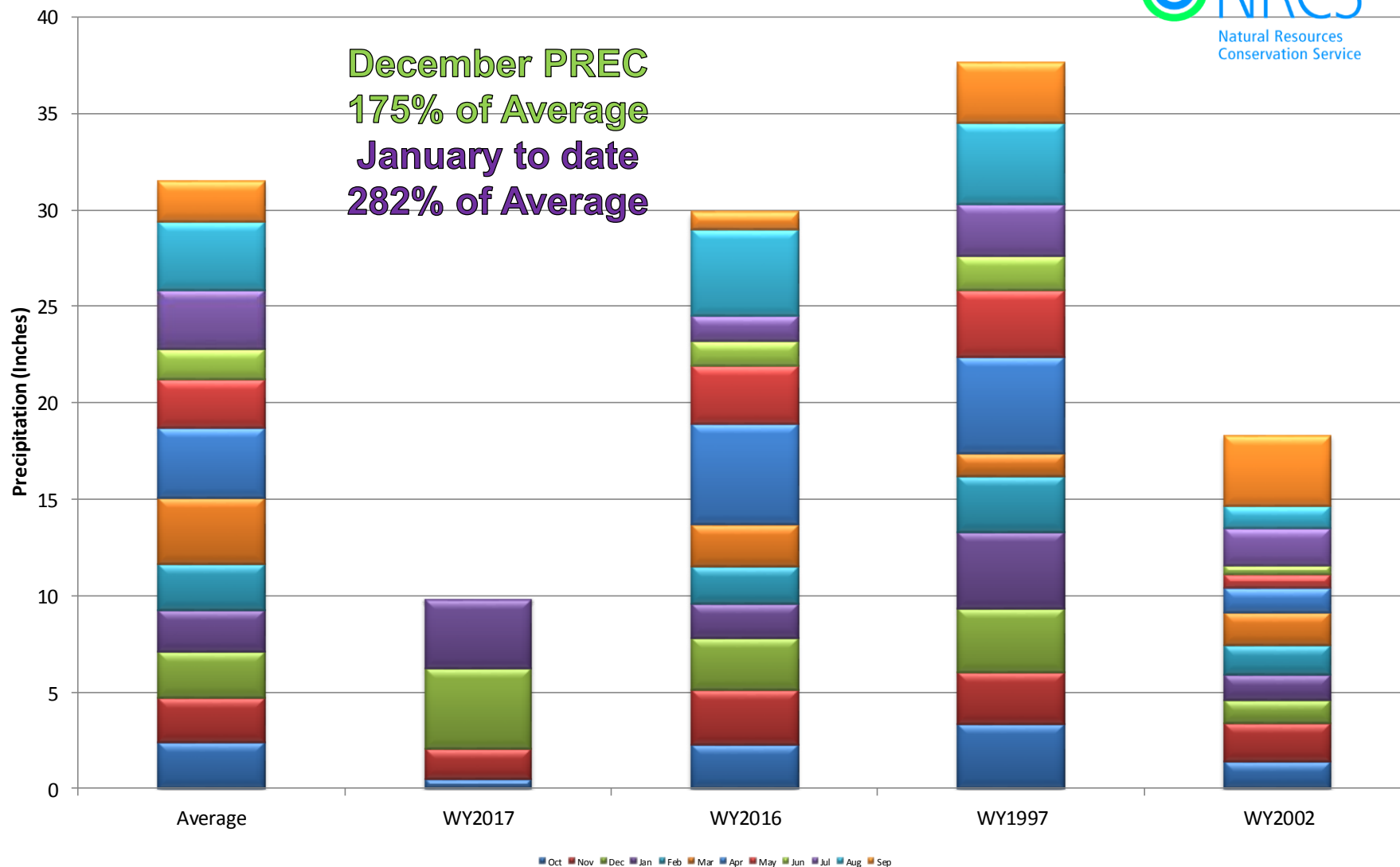
Arkansas River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



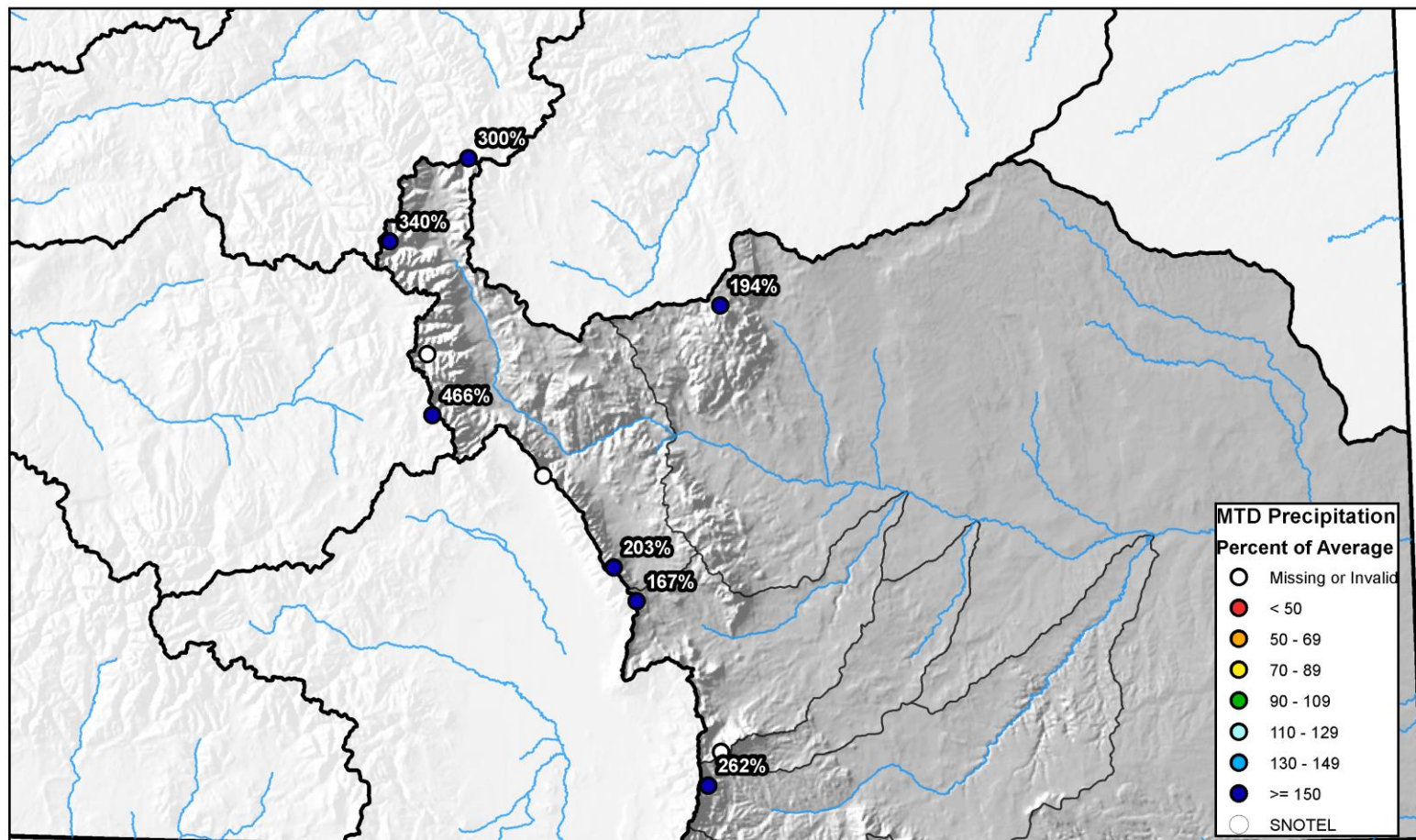
Arkansas River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



Arkansas River Basin Month to Date Precipitation Summary

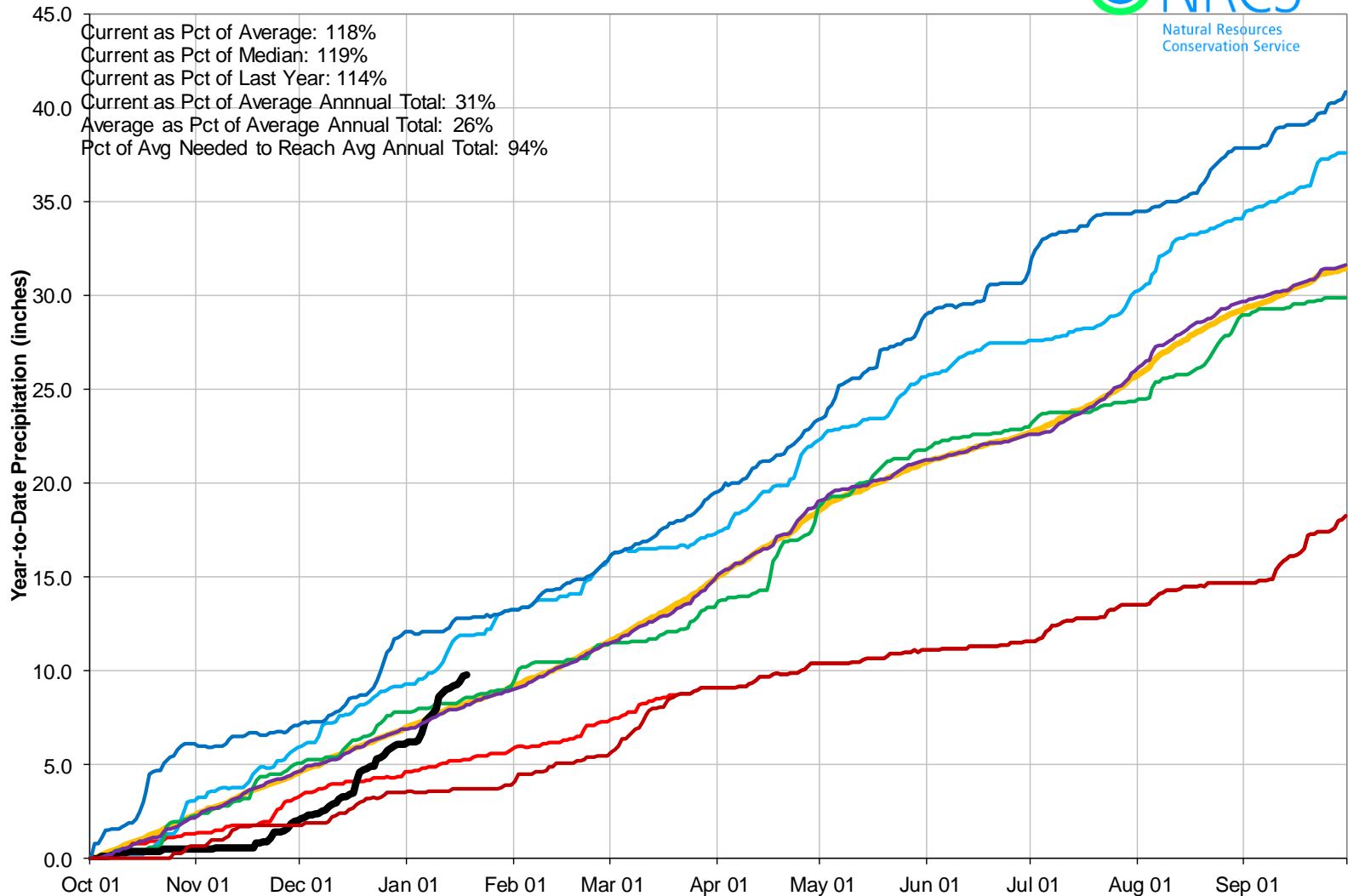
Current as of Jan 18, 2017



0 10 20 40 60 80 Miles

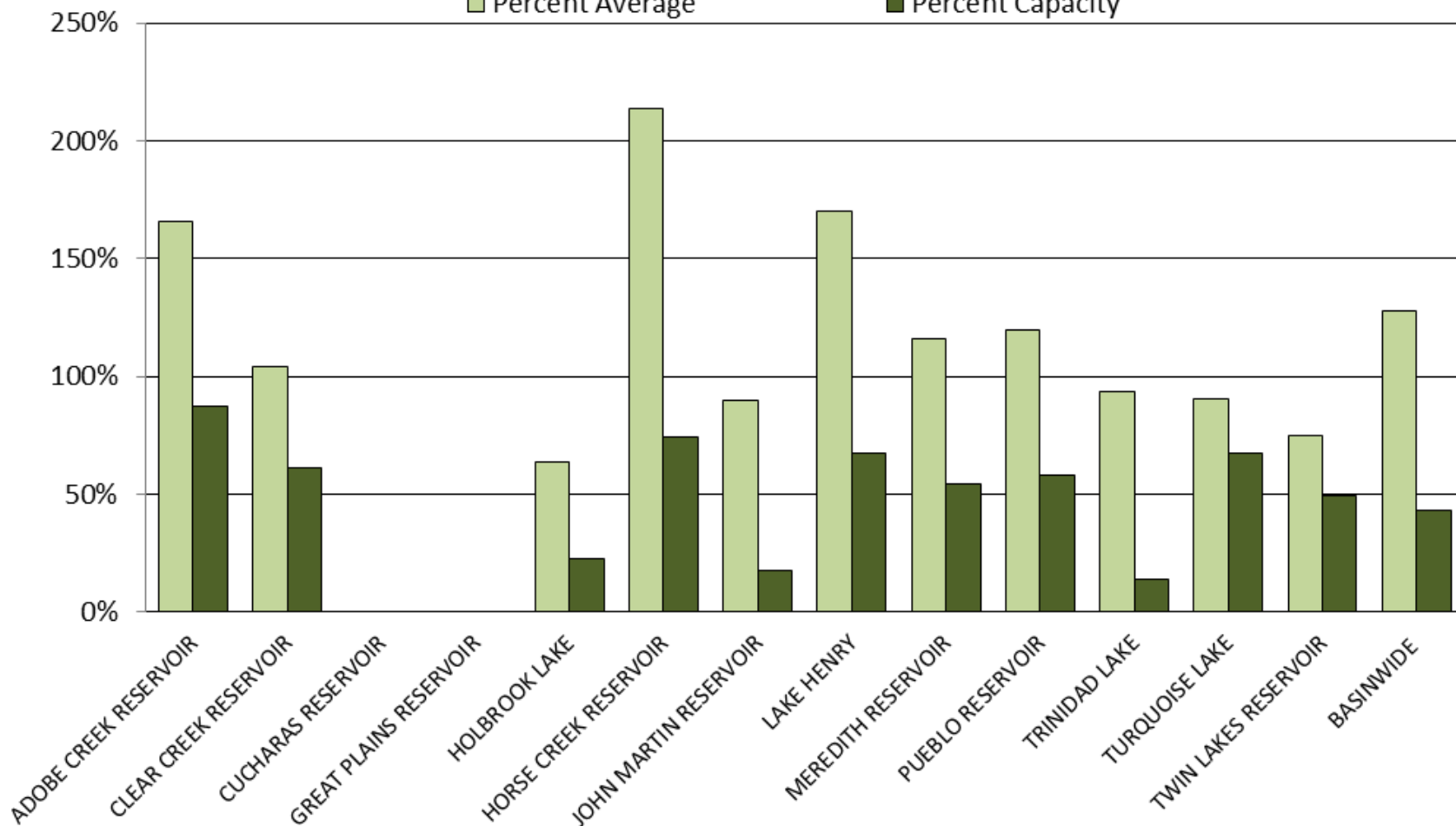
Arkansas River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



Reservoir Storage

■ Percent Average ■ Percent Capacity

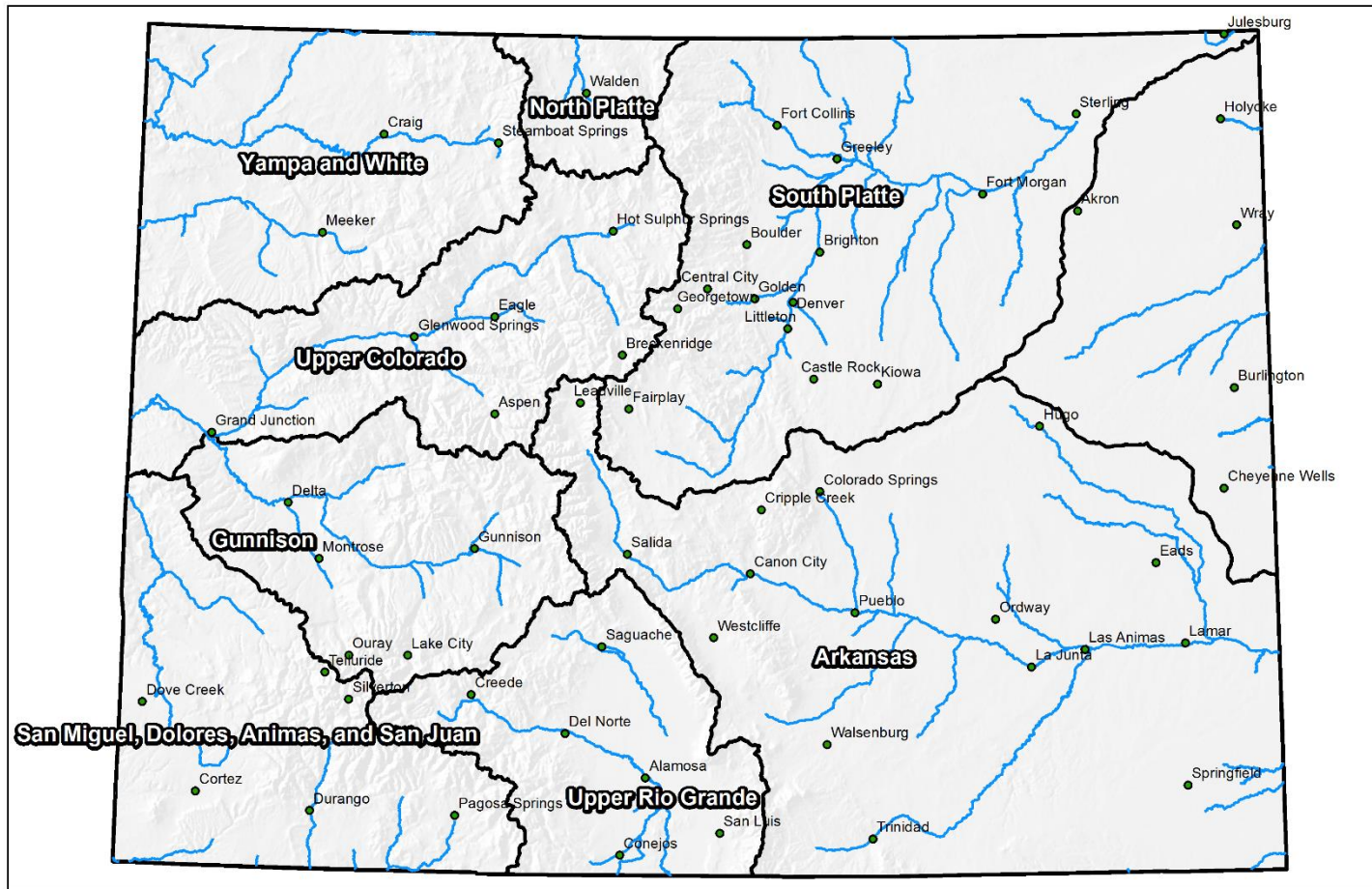


ARKANSAS RIVER BASIN Reservoir Storage Departure from Average



Colorado Statewide Summary

Colorado Major Basins

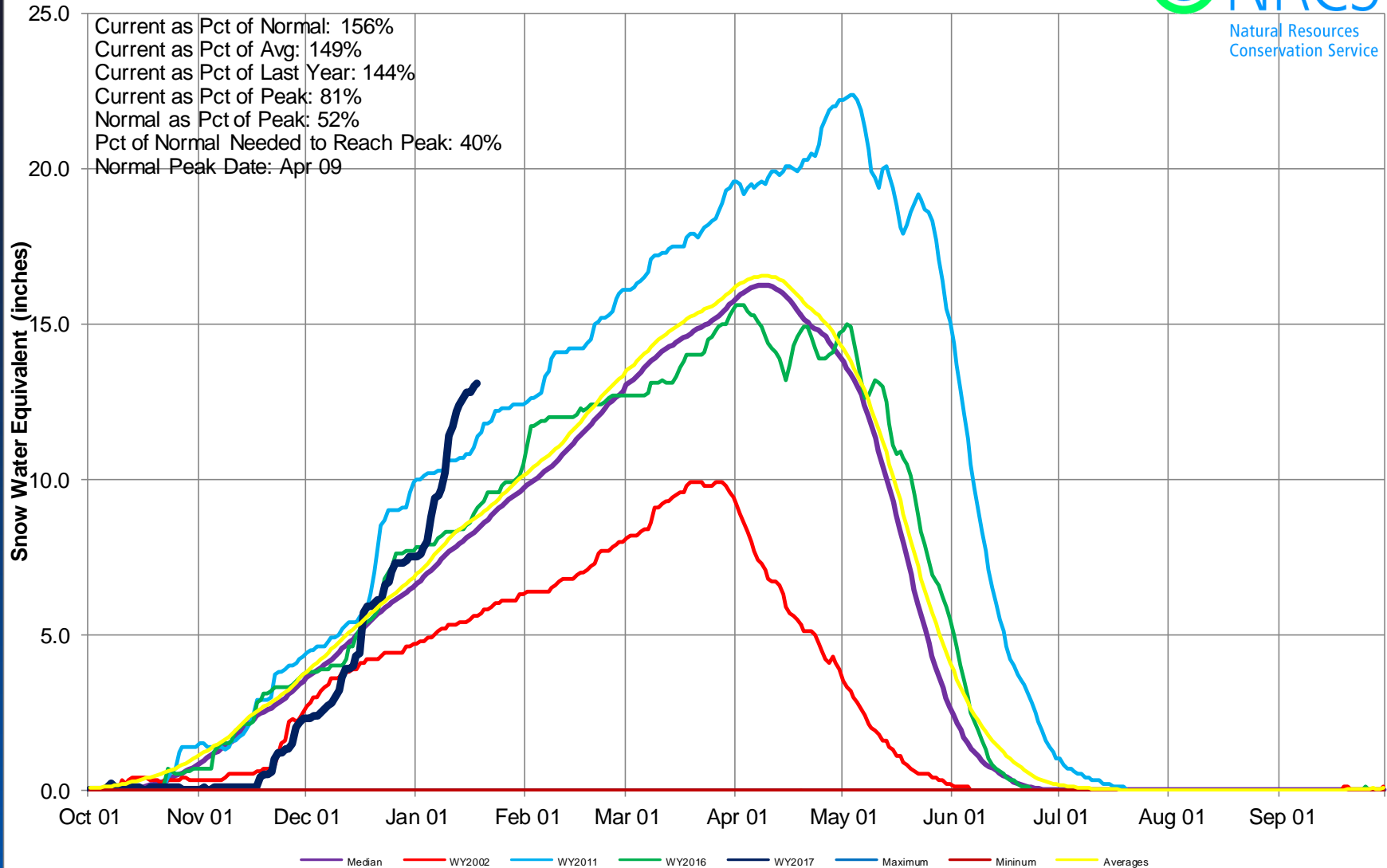


0 25 50 100 150 200 Miles



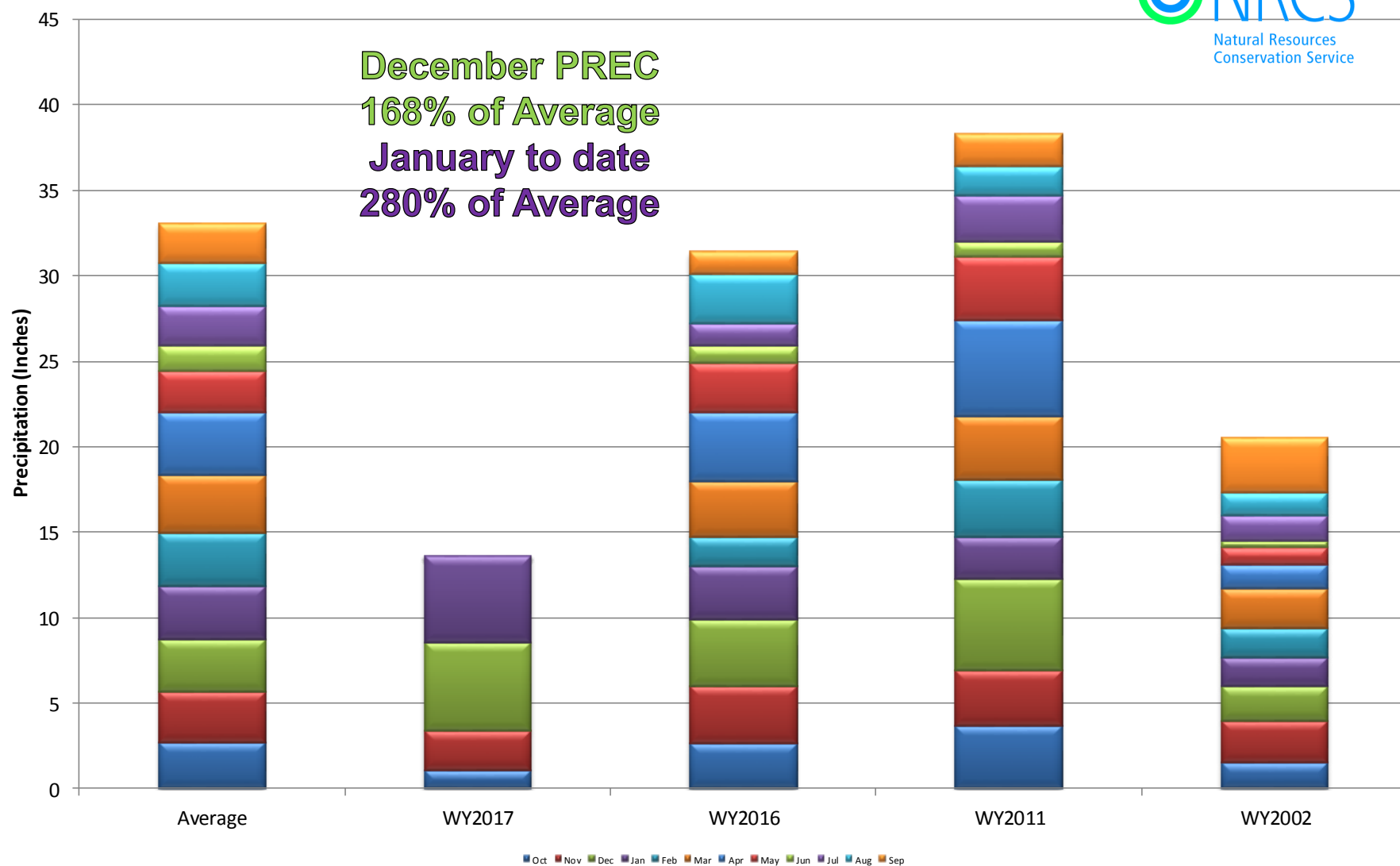
Colorado Statewide High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



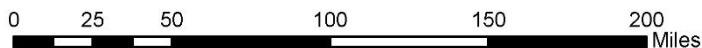
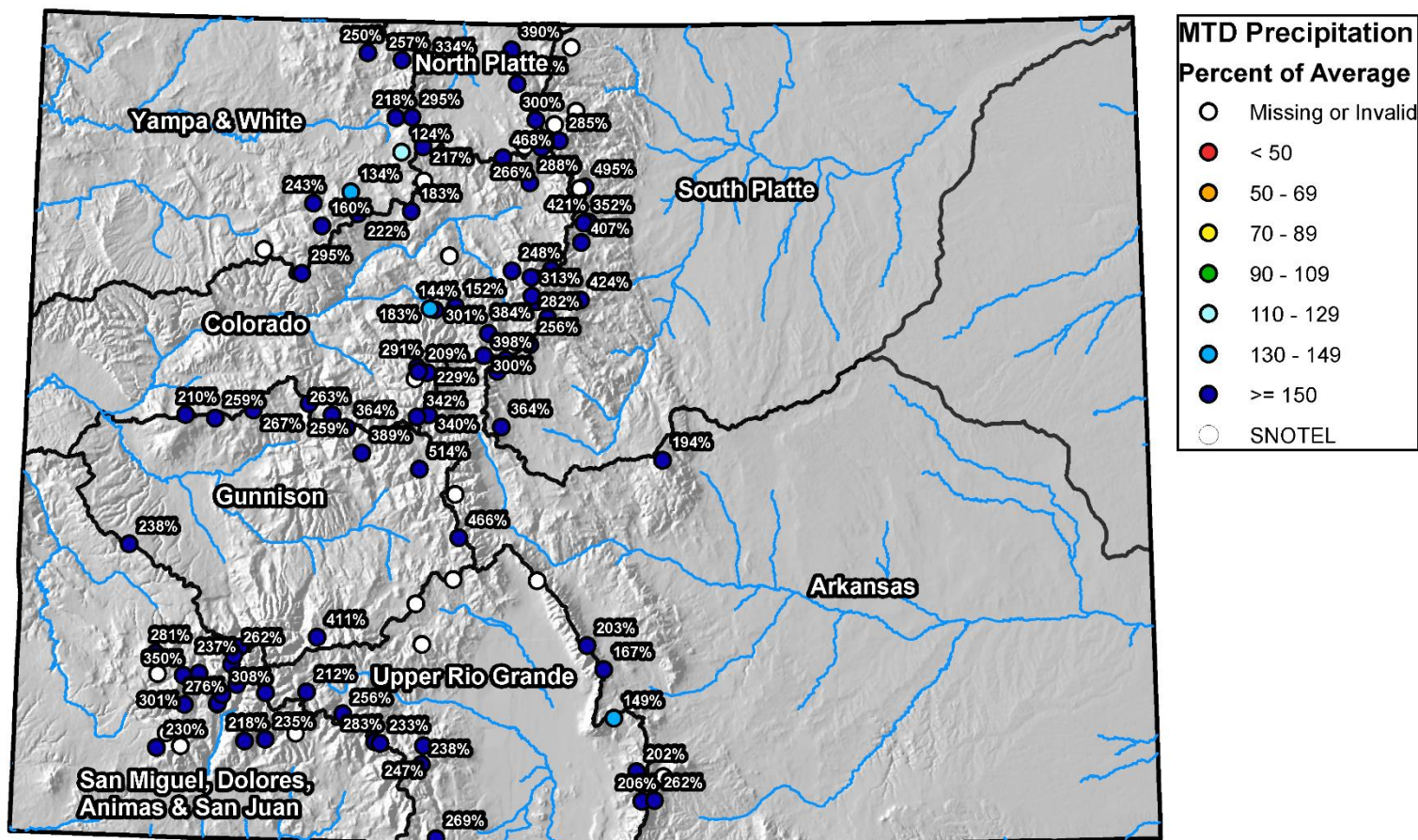
Colorado Statewide High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



Colorado SNOTEL Month-to-Date Precipitation

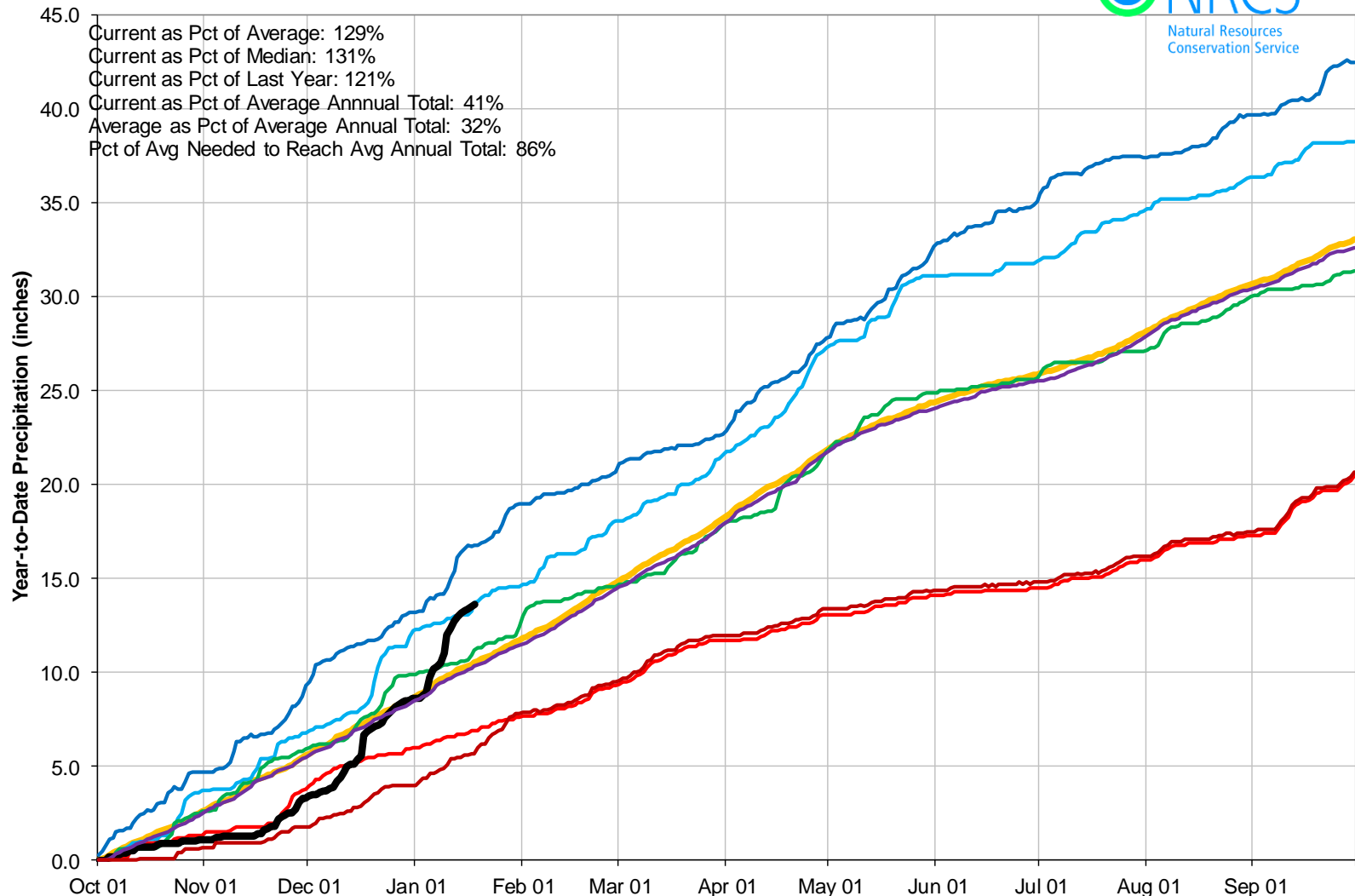
Current as of Jan 18, 2017





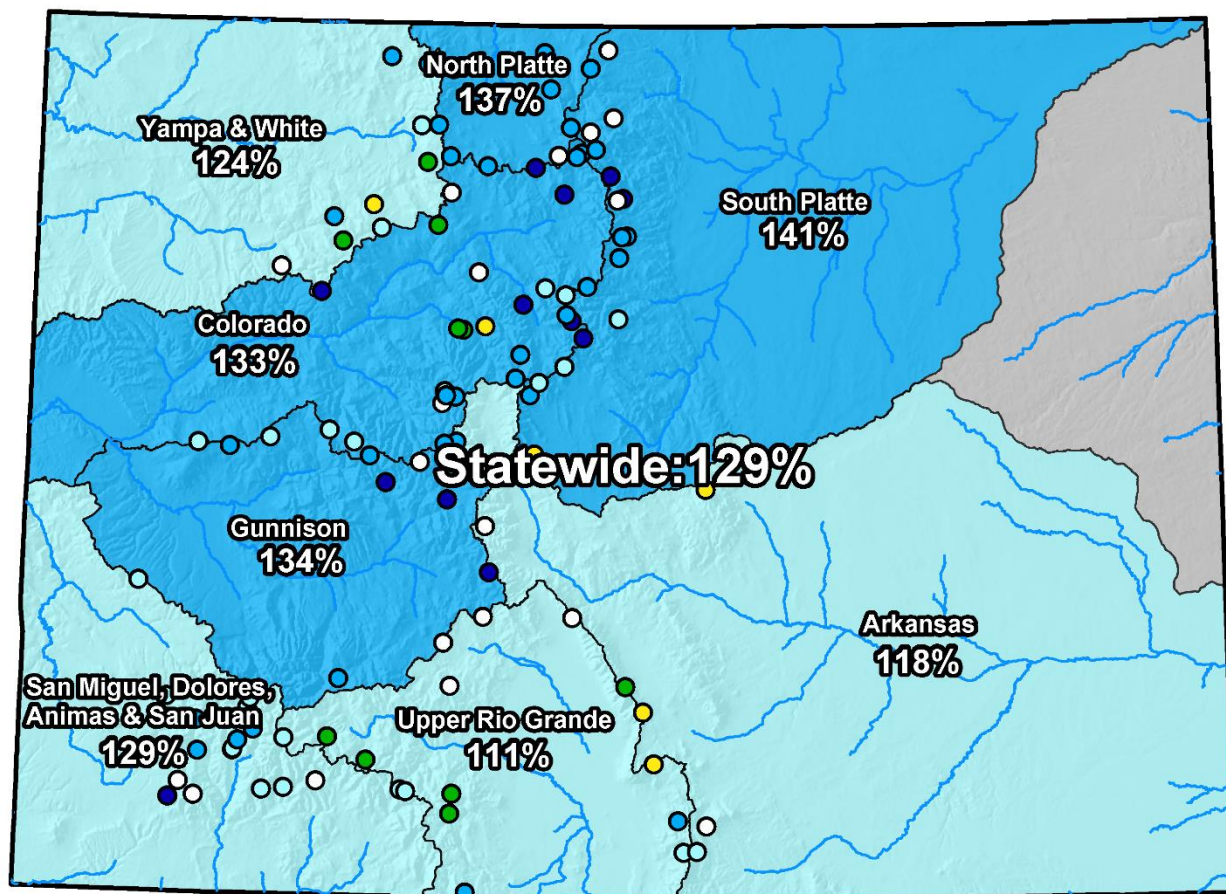
Colorado Statewide High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jan 18, 2017



Colorado SNOTEL Water Year to Date Precipitation

Current as of Jan 18, 2017



WYTD Precipitation Percent of Average

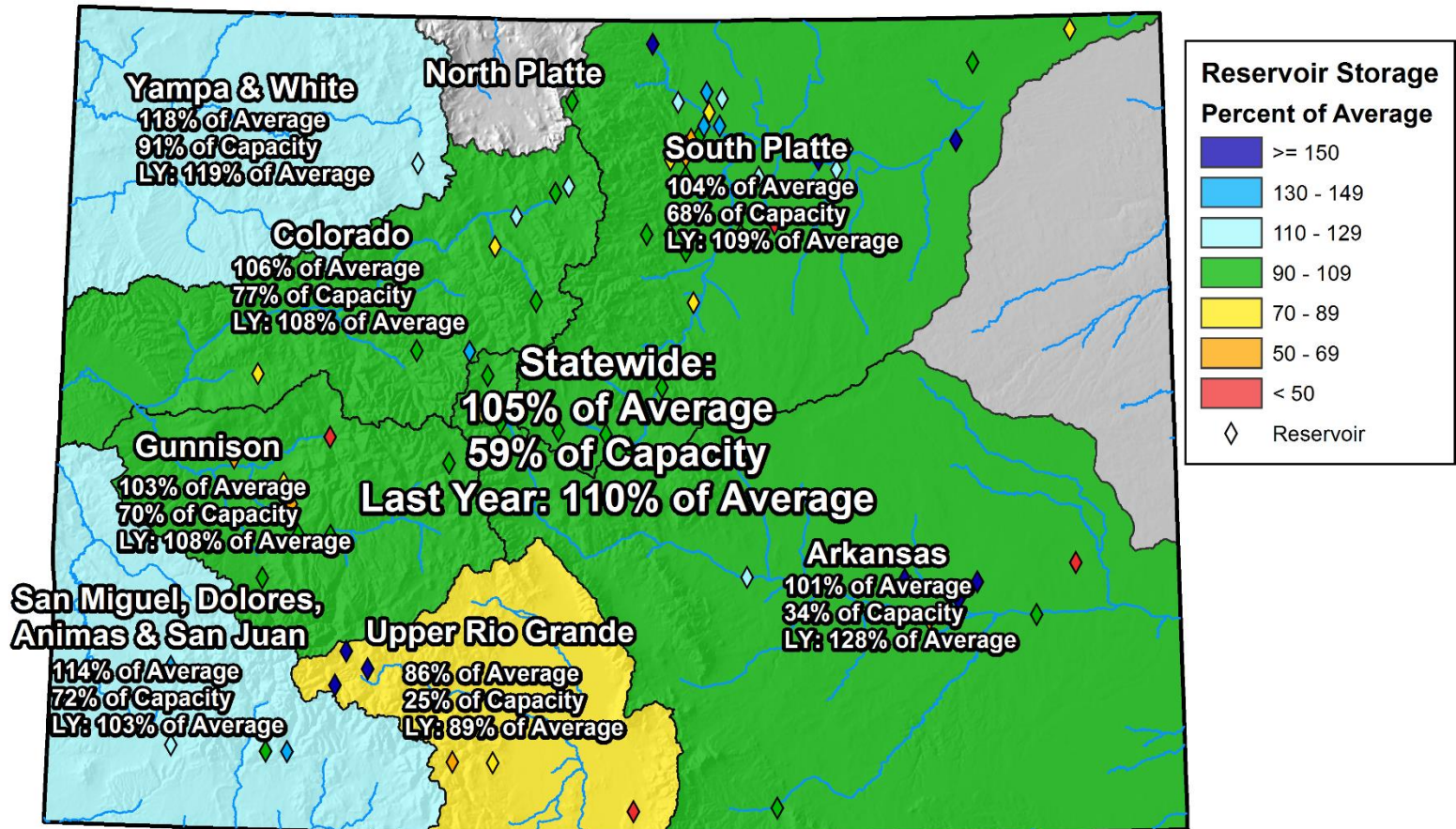
- Missing or Invalid
- < 50
- 50 - 69
- 70 - 89
- 90 - 109
- 110 - 129
- 130 - 149
- ≥ 150
- SNOTEL



0 25 50 100 150 200 Miles

Colorado Monthly Reservoir Storage Summary

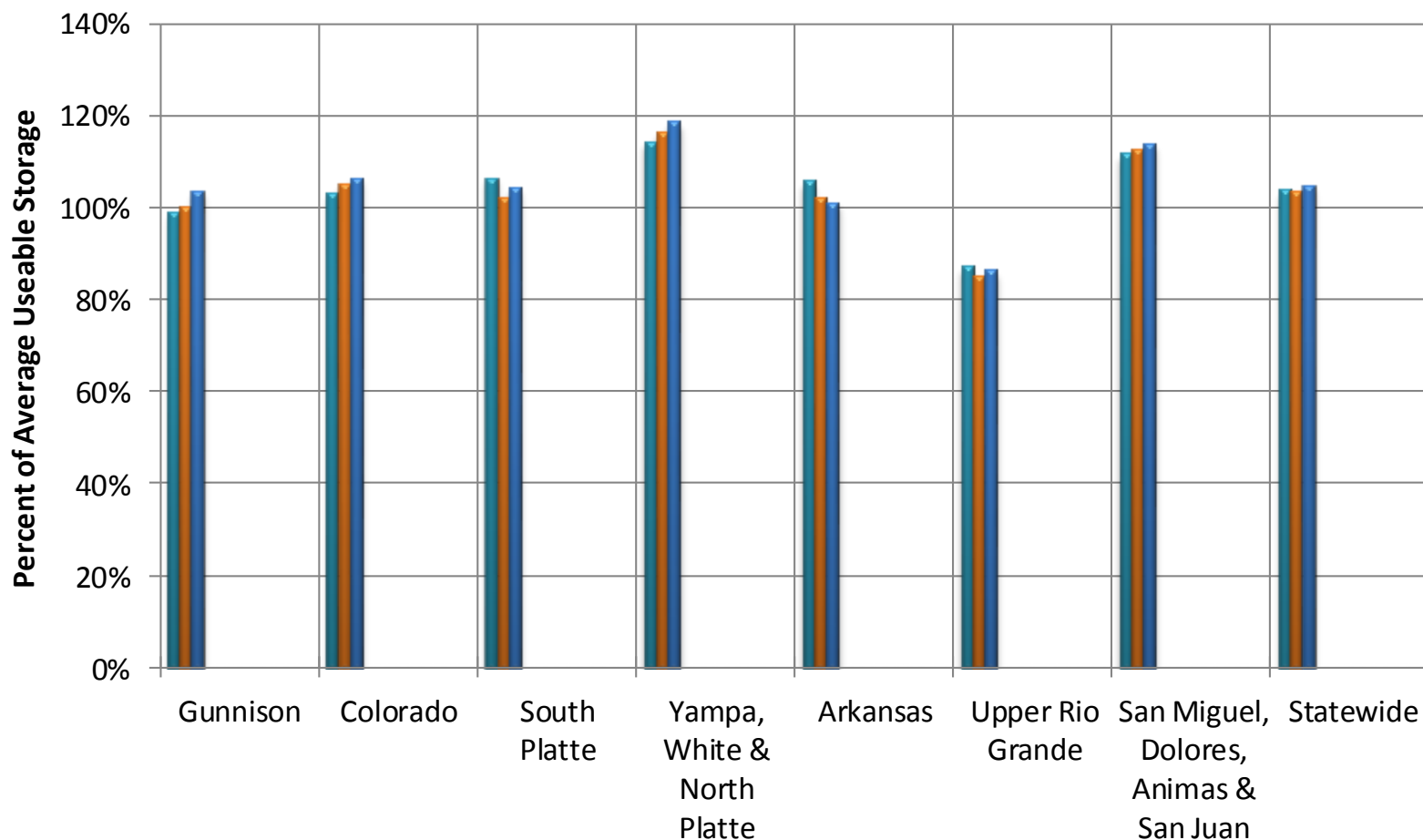
End of December 2017



0 25 50 100 150 200 Miles

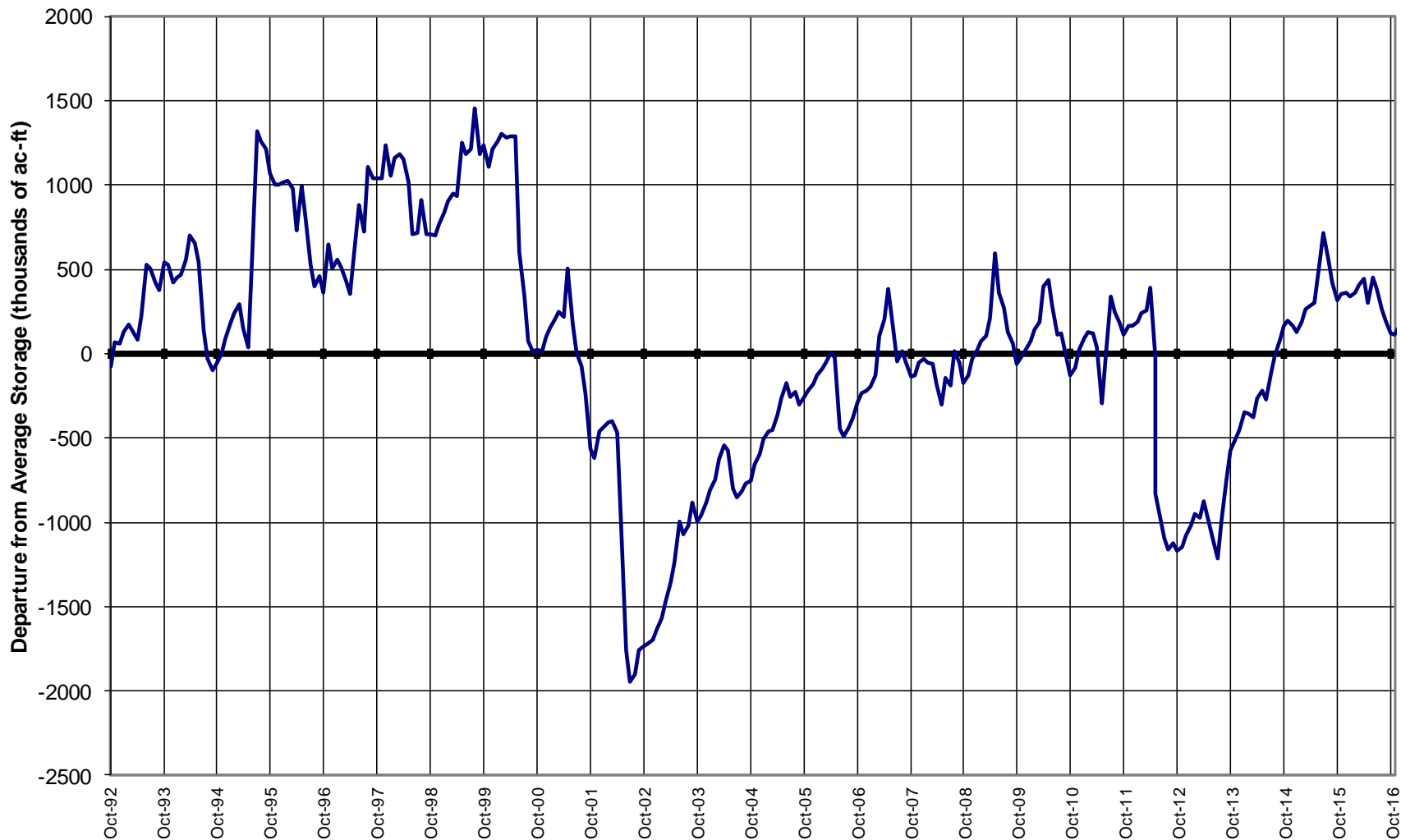
Colorado Reservoir Storage

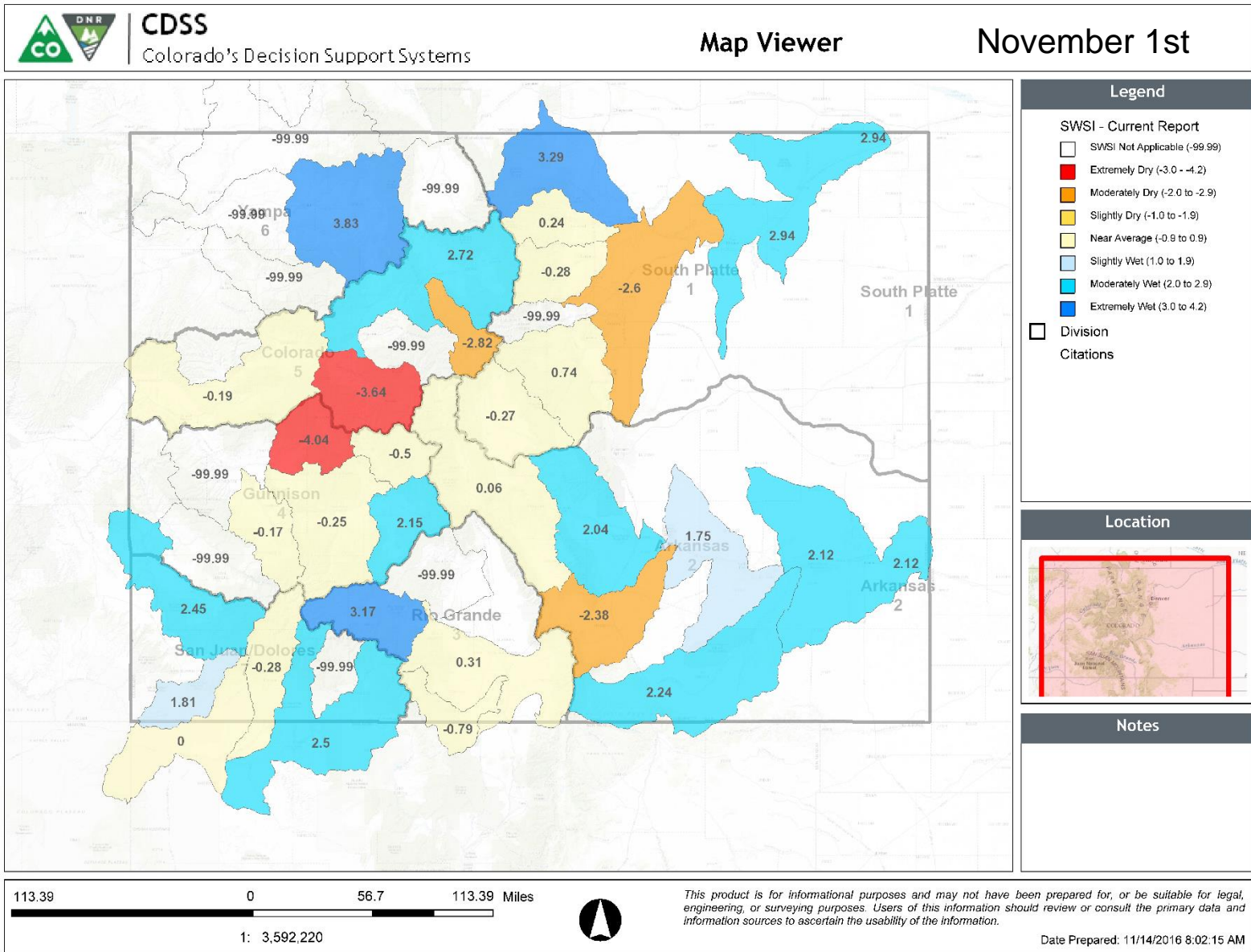
Oct-16 Nov-16 Dec-16 Jan-17 Feb-17 Mar-17
 Apr-17 May-17 Jun-17 Jul-17 Aug-17 Sep-17





COLORADO STATEWIDE Reservoir Storage Departure from Average



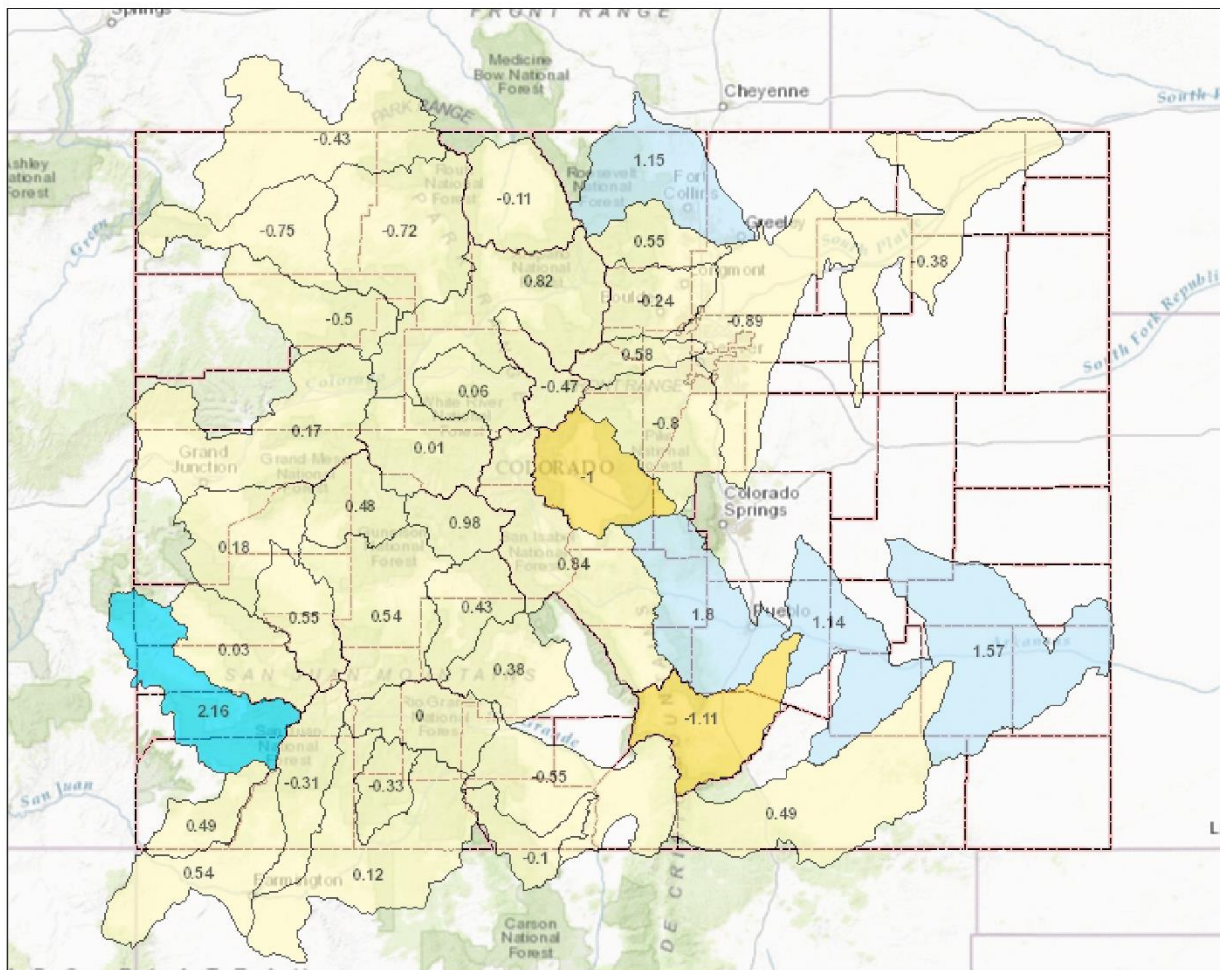




CDSS

Colorado's Decision Support Systems

Map Viewer



Legend

SWSI - Current Report

- SWSI Not Applicable (-99.99)
- Extremely Dry (-3.0 - -4.2)
- Moderately Dry (-2.0 to -2.9)
- Slightly Dry (-1.0 to -1.9)
- Near Average (-0.9 to 0.9)
- Slightly Wet (1.0 to 1.9)
- Moderately Wet (2.0 to 2.9)
- Extremely Wet (3.0 to 4.2)

County

Location



Notes

113.39 0 56.7 113.39 Miles

1: 3,592,220



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 1/18/2017 4:58:42 PM

Summary

- The last two months have brought well above normal mountain snowfall across Colorado and the West
- Statewide snowpack as of 1/18/2017 was 129% of median
- Currently eight SNOTEL sites have their highest SWE values on record and 11 have their second highest
- Reservoir storage has remained relatively constant and currently resides at 105% of average



United States Department of Agriculture

Colorado Snow Surveys

Water Availability Task Force Meeting

January 19th, 2017

NRCS Snow Survey and Water Supply Forecasting Program

Karl Wetlaufer

Asst. Snow Survey Supervisor

720-544-2853

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