



United States Department of Agriculture

Colorado Snow Surveys

Water Availability Task Force Meeting

November 18th, 2014

NRCS Snow Survey and Water Supply Forecasting Program

Mage Hultstrand

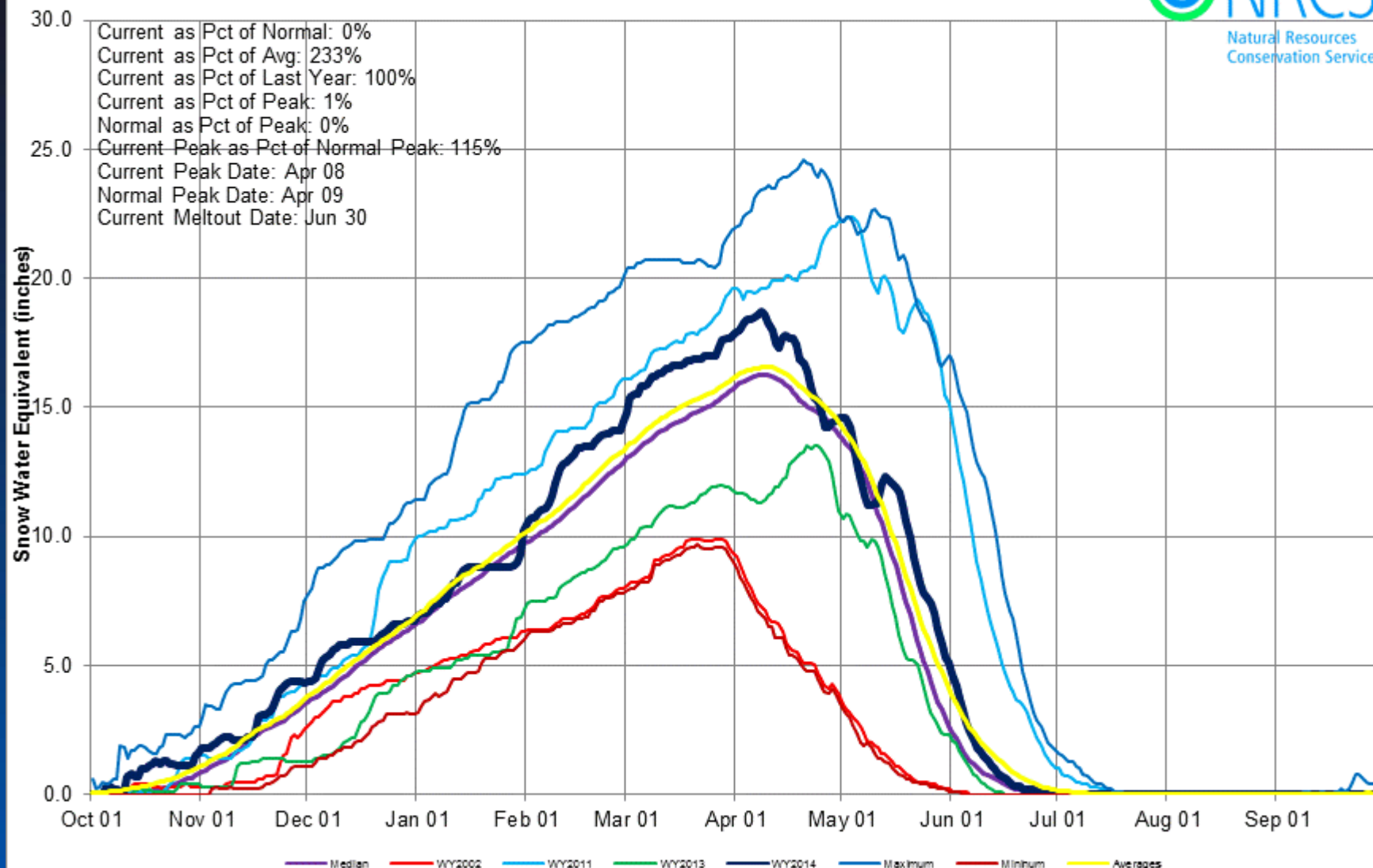
Colorado Assistant Snow Survey Supervisor

720-544-2855

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

Colorado Statewide High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Sep 30, 2014





United States Department of Agriculture

Colorado Snow Surveys

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

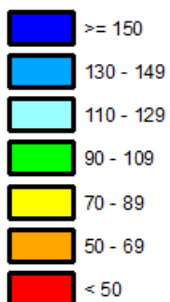
Based on Provisional SNOTEL data as of Sep 30, 2014

A M D C C

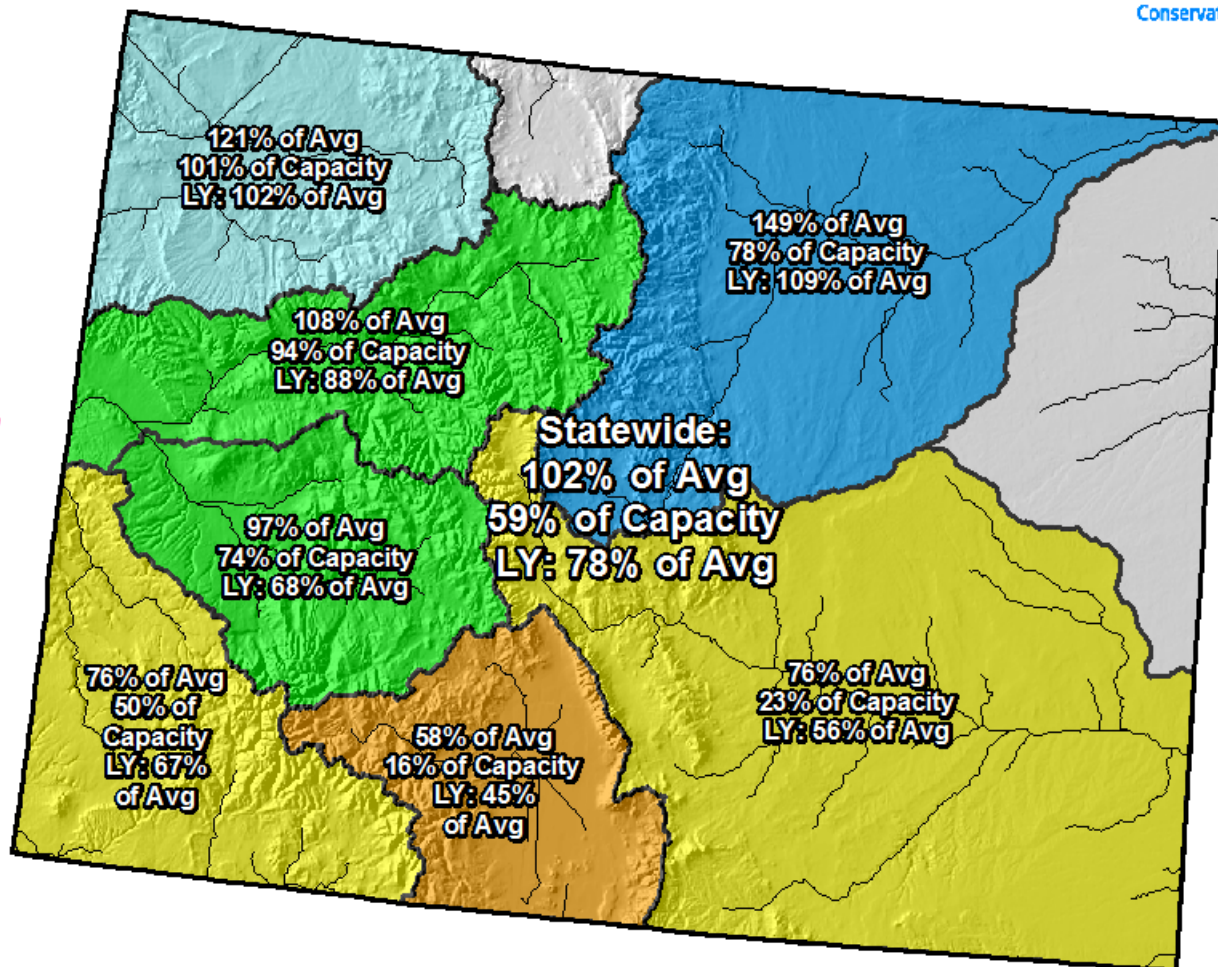
Colorado Reservoir Storage Map



Percent of Average

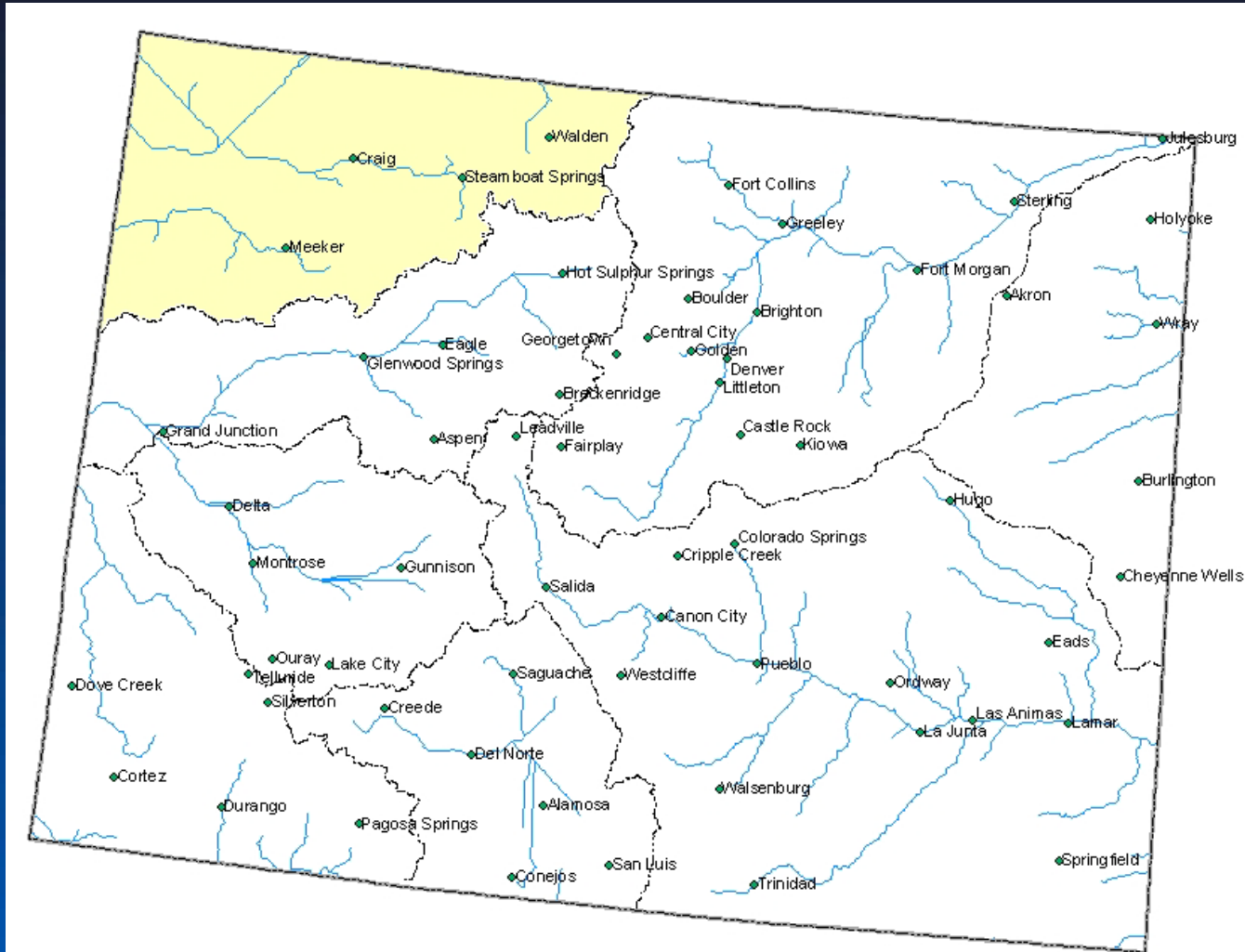


*Provisional Data
Subject to Revision*



End of September 2014

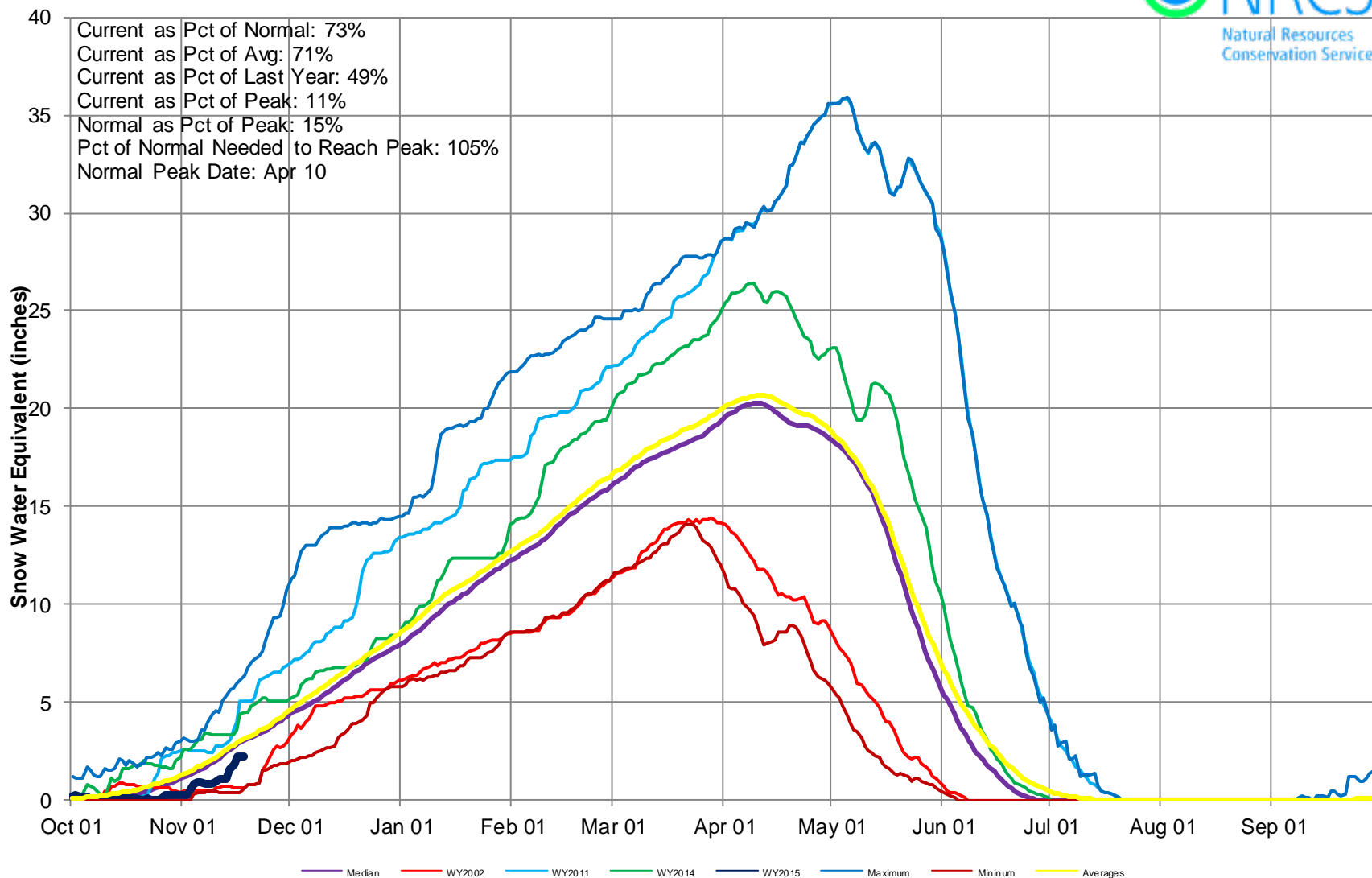
Yampa, White & North Platte River Basins Summary





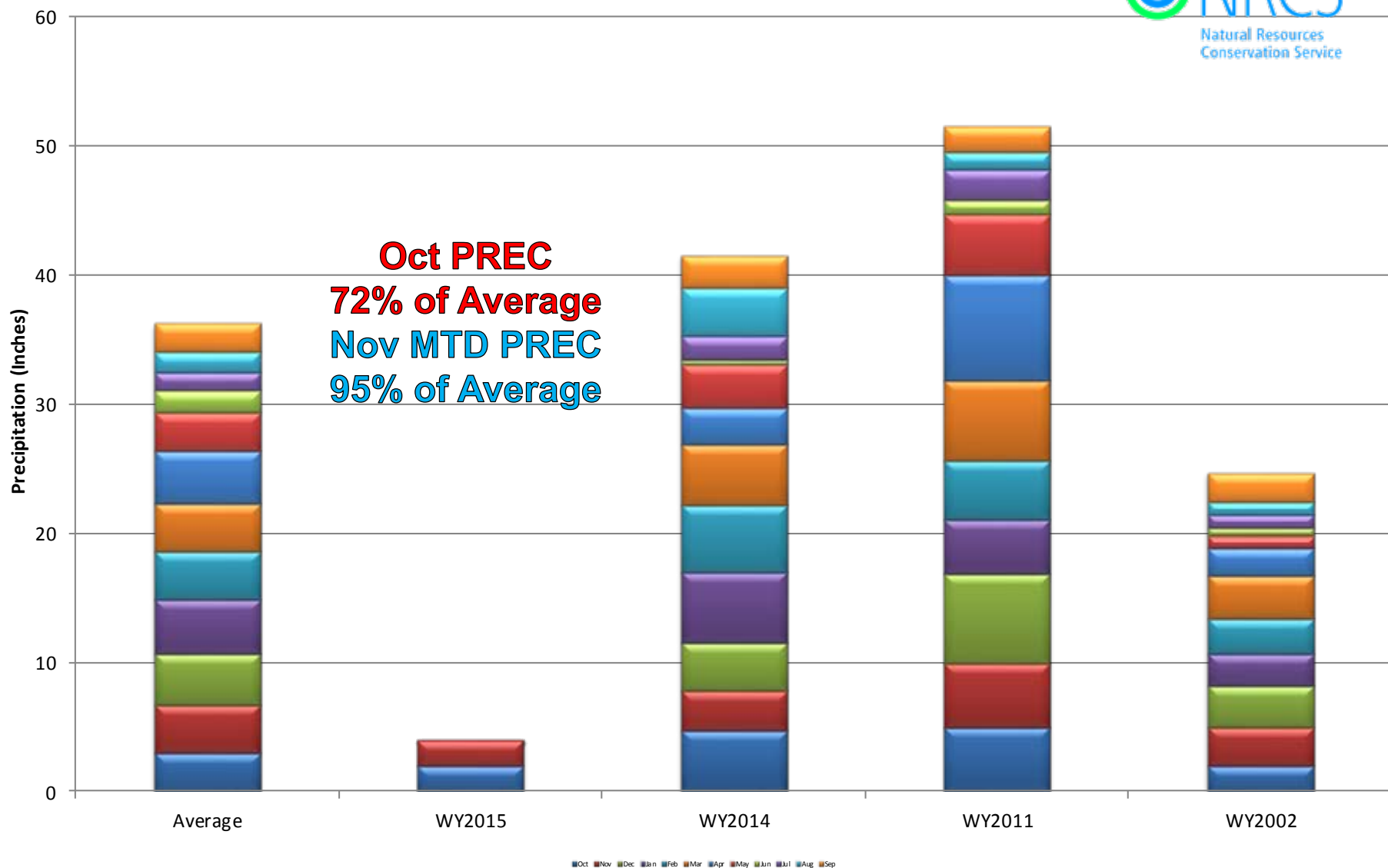
Yampa, White & North Platte River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 18, 2014



Yampa & White River Basins High/Low Monthly Precipitation Summary

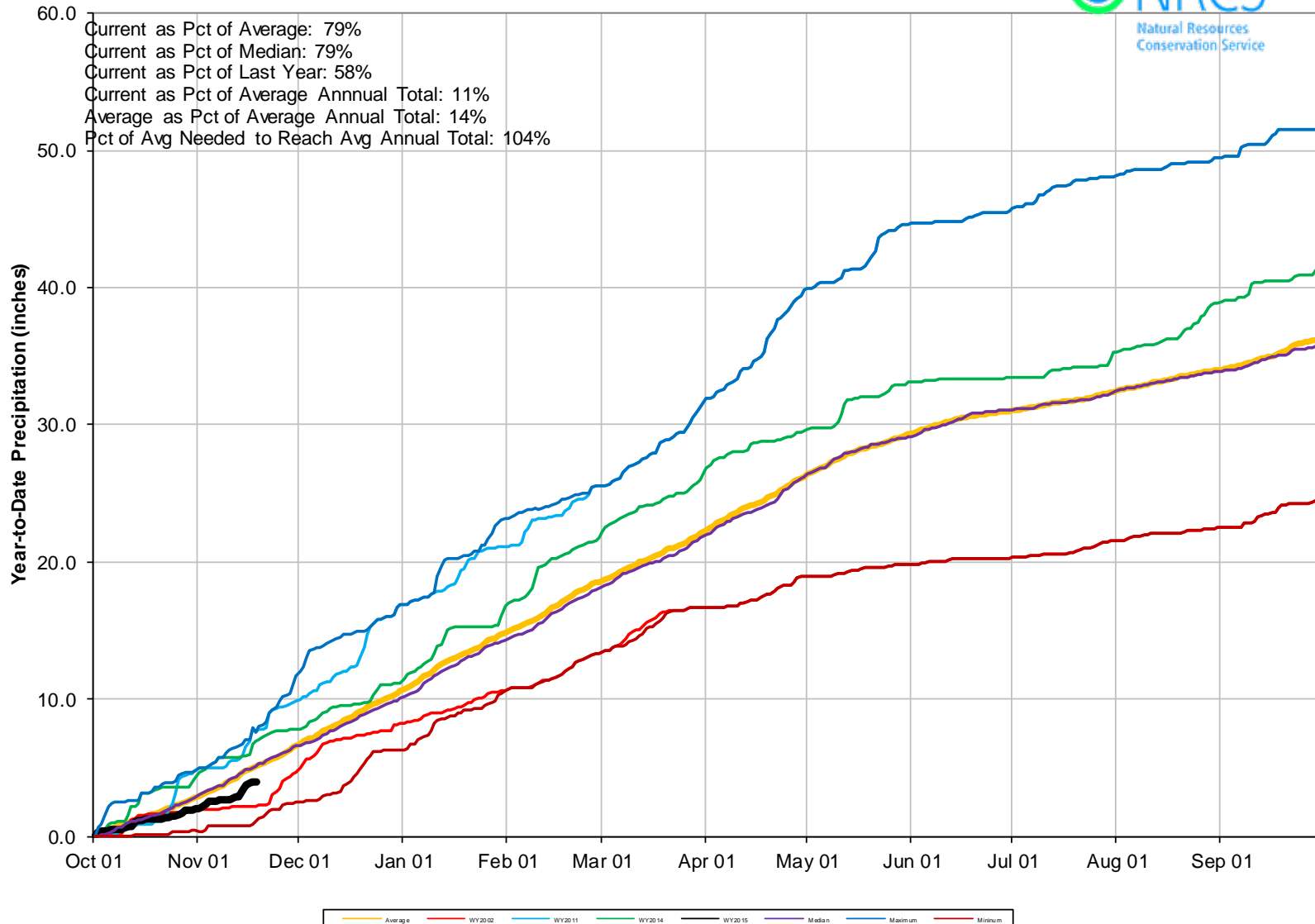
Based on Provisional SNOTEL data as of Nov 18, 2014





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

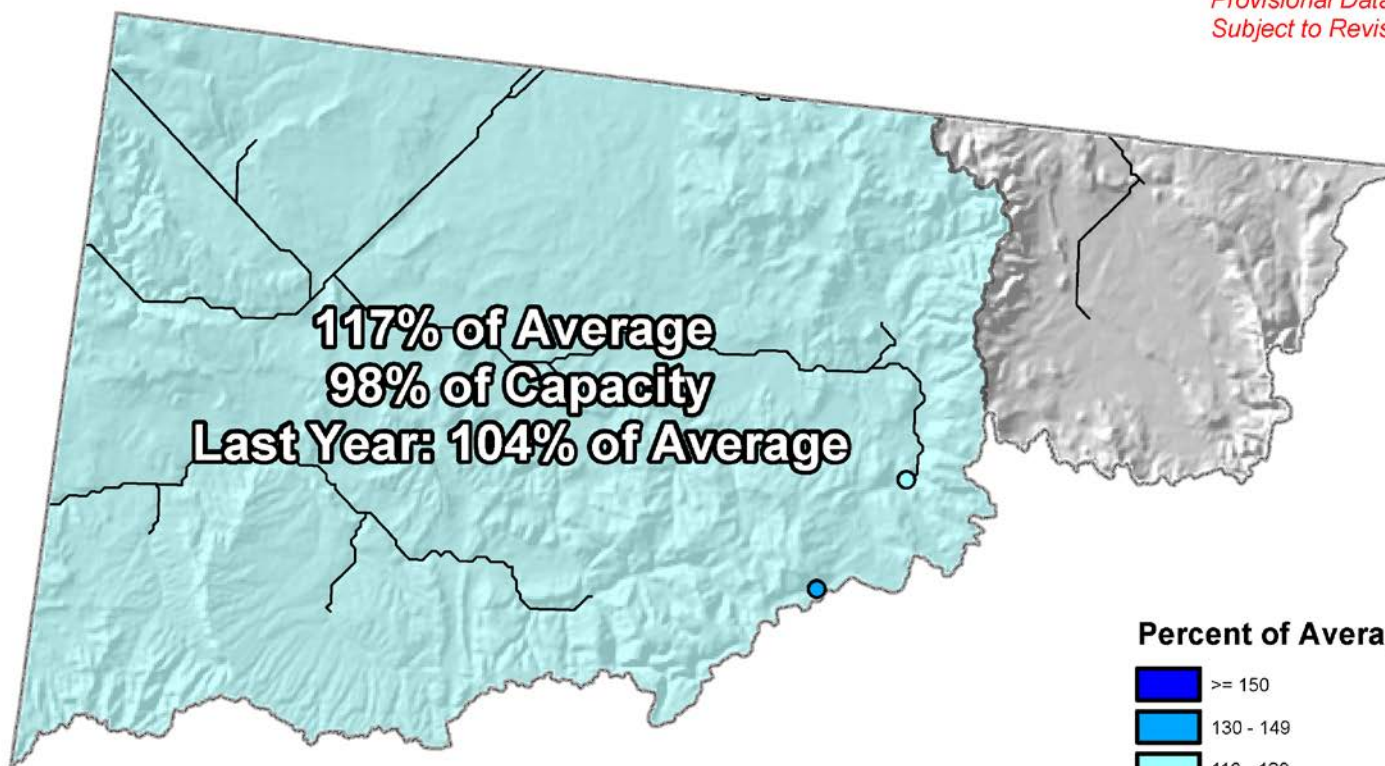
Based on Provisional SNOTEL data as of Nov 18, 2014



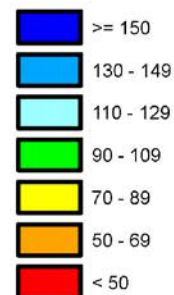
Yampa & White River Basins Reservoir Storage Map



*Provisional Data
Subject to Revision*

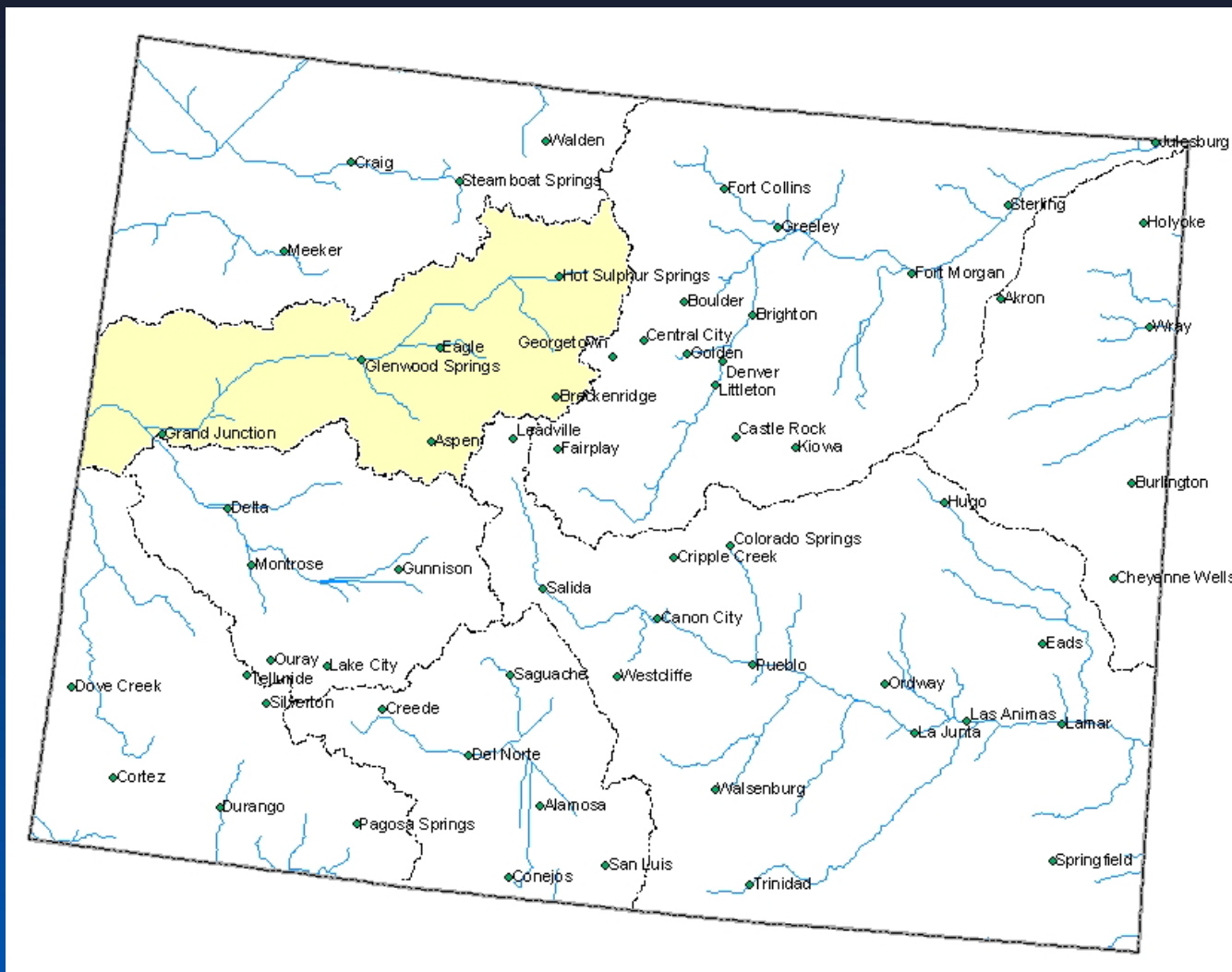


Percent of Average



End of October 2014

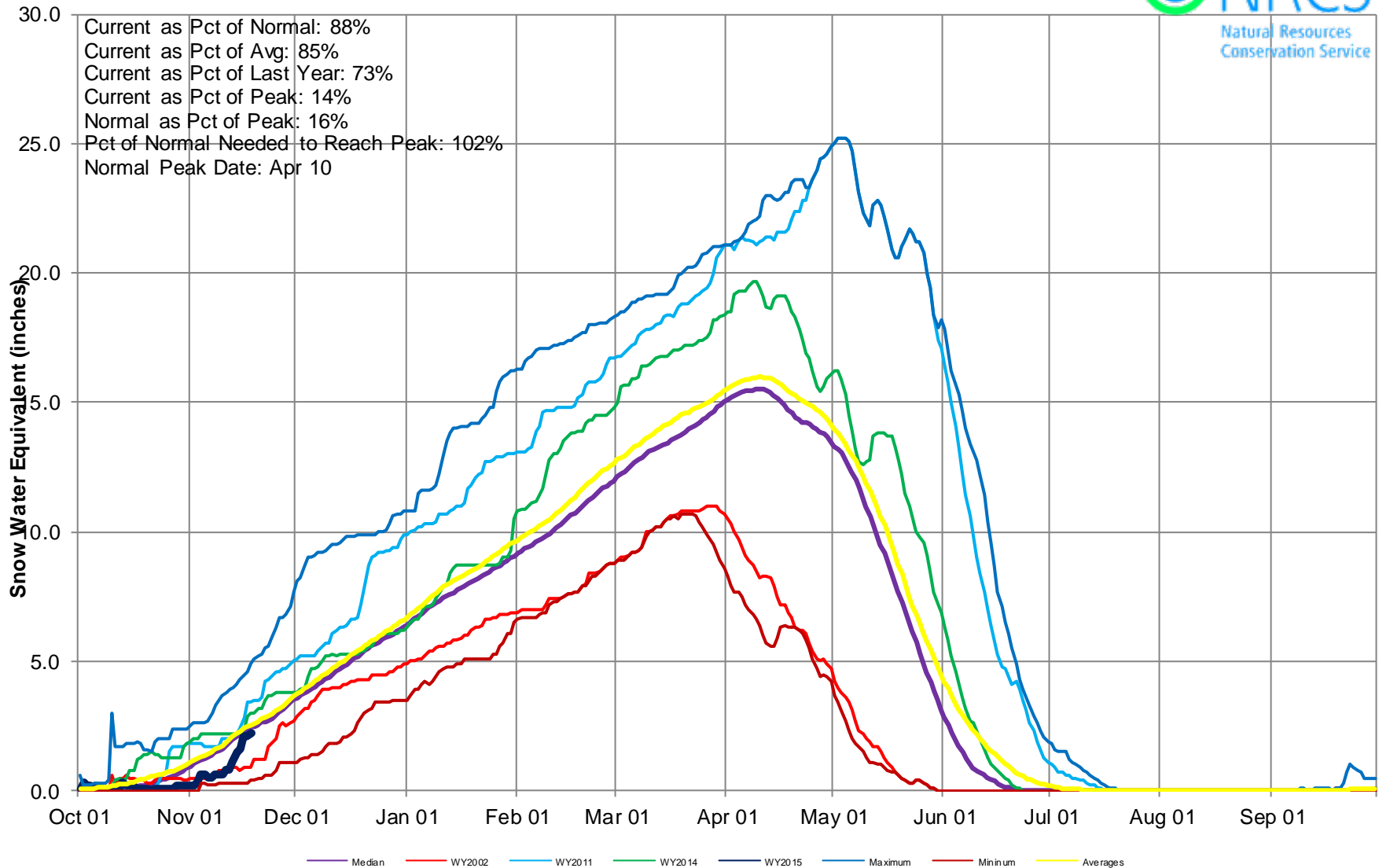
Colorado River Basin Summary





Upper Colorado River Basin High/Low Snowpack Summary

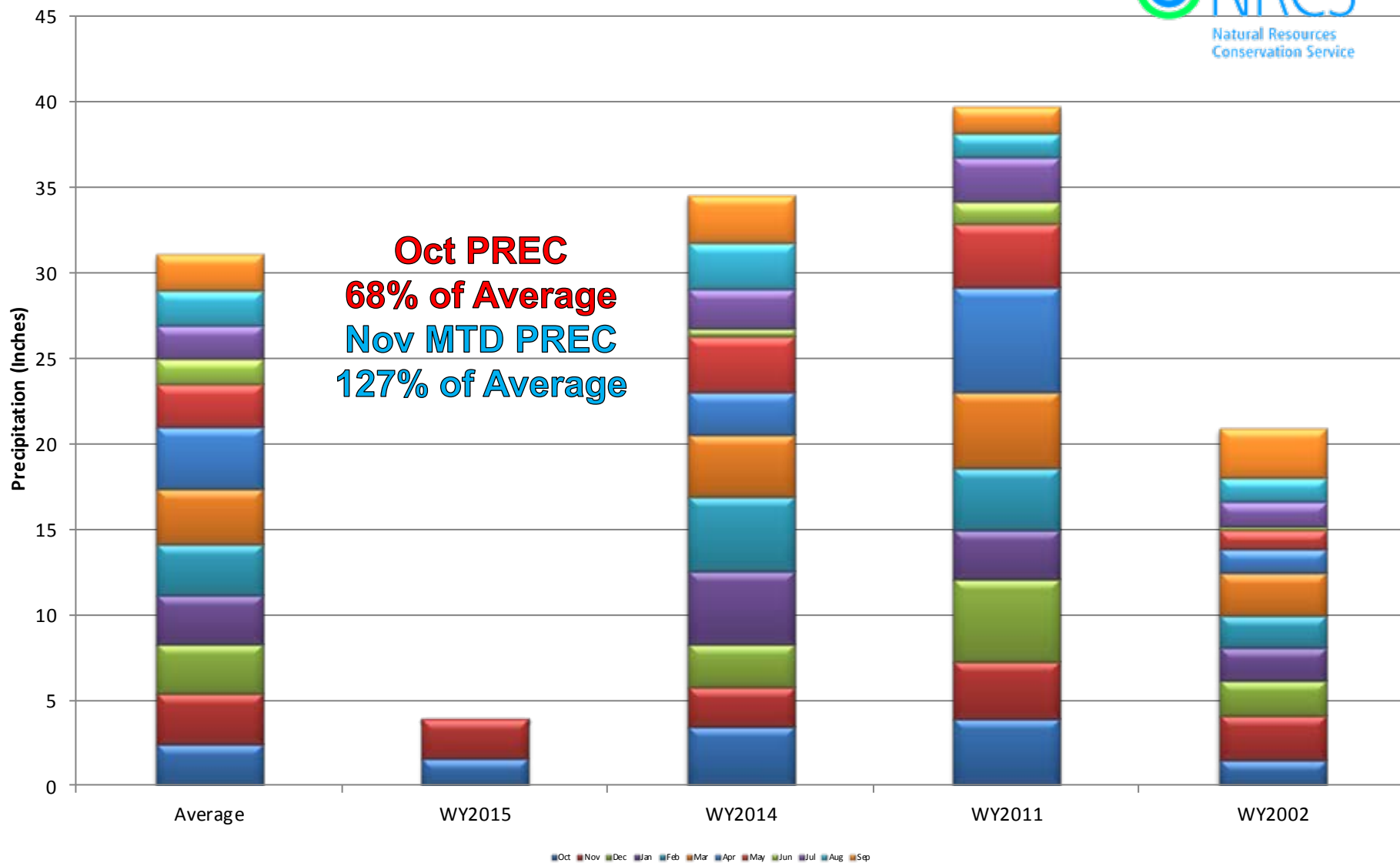
Based on Provisional SNOTEL data as of Nov 18, 2014





Upper Colorado River Basin High/Low Monthly Precipitation Summary

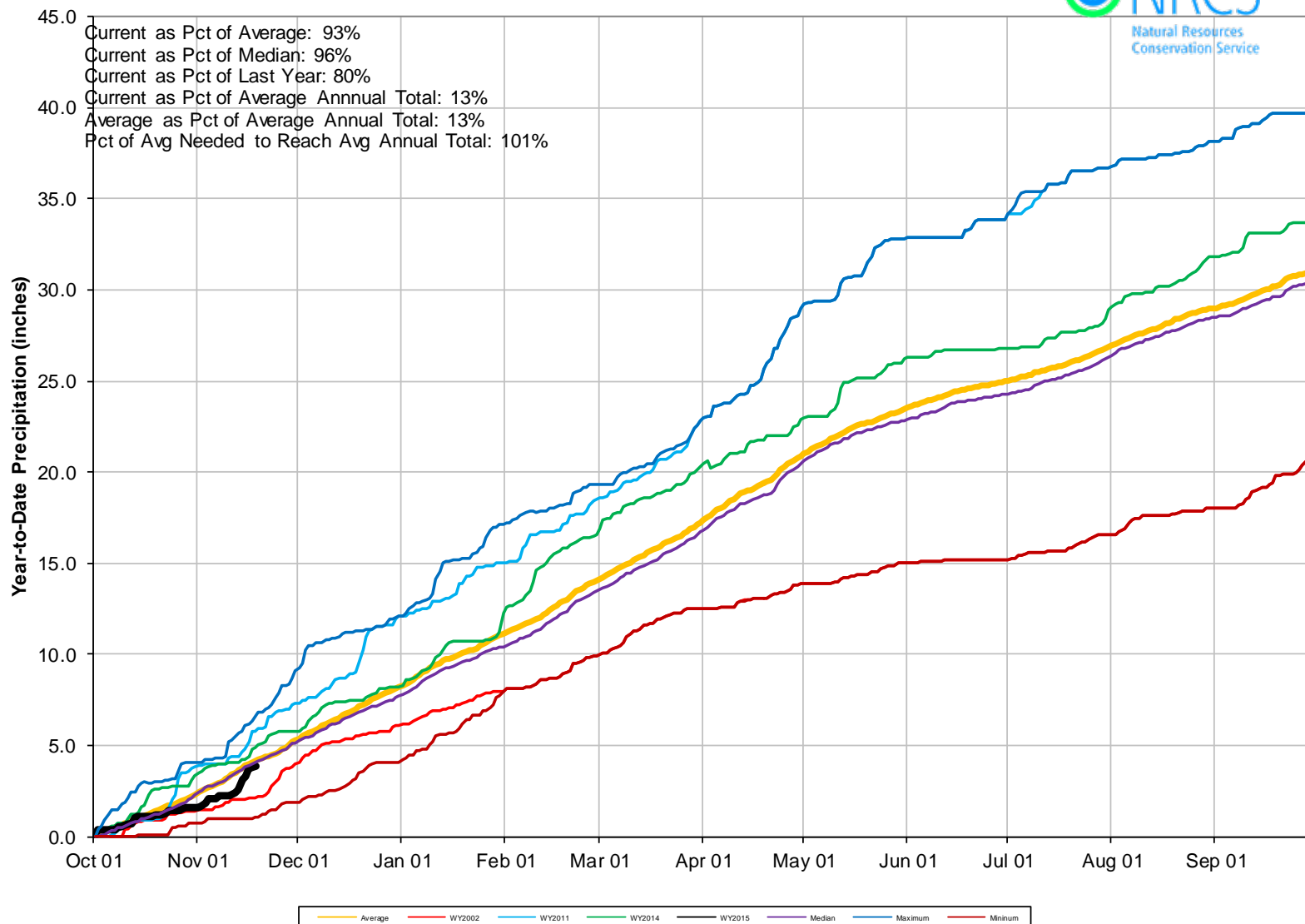
Based on Provisional SNOTEL data as of Nov 18, 2014





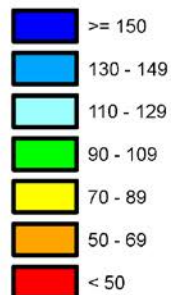
Upper Colorado River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Nov 18, 2014

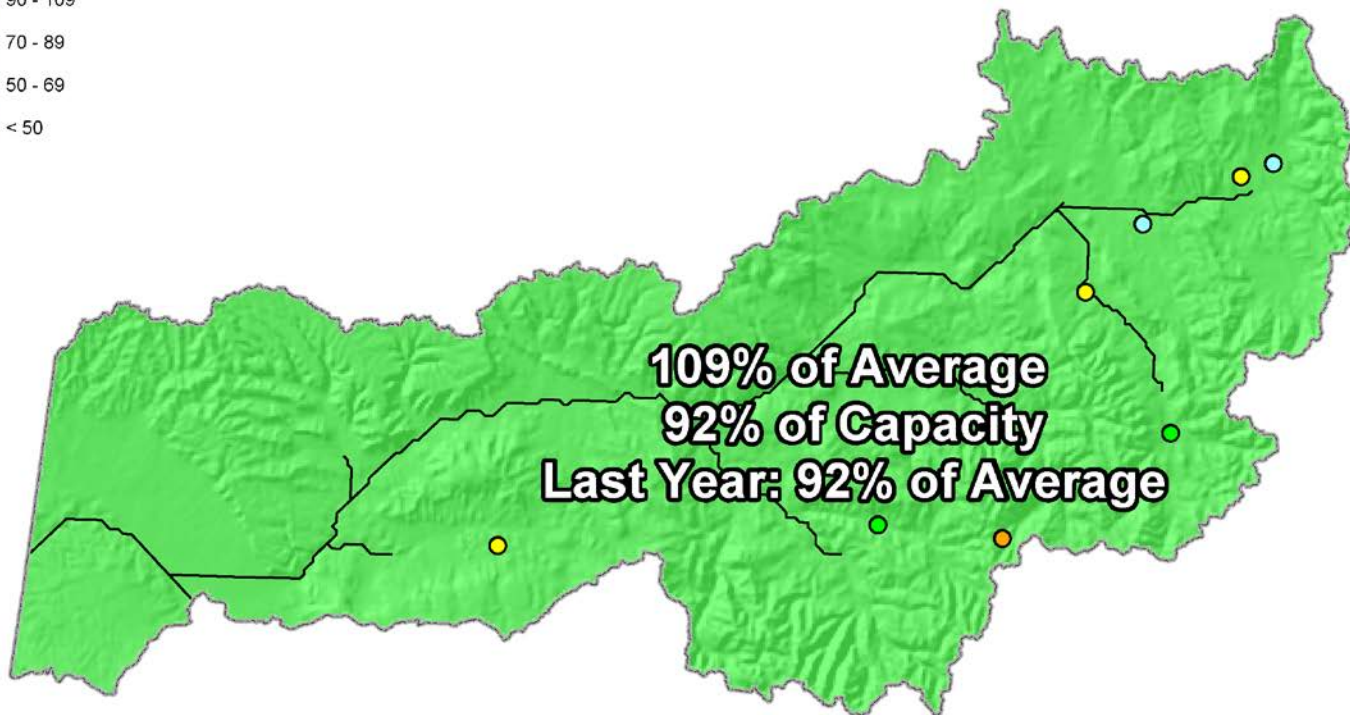


Colorado River Basin Reservoir Storage Map

Percent of Average



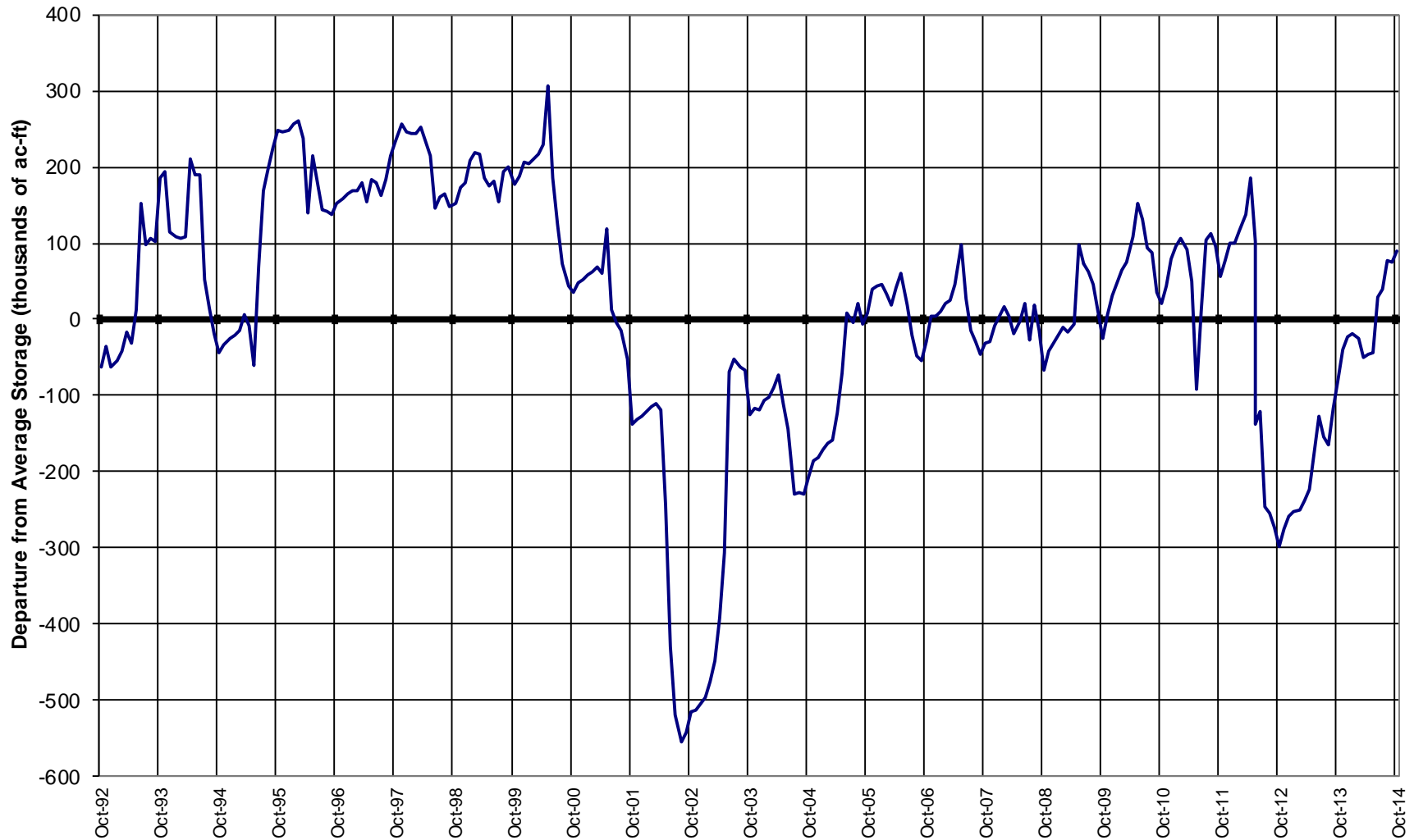
*Provisional Data
Subject to Revision*



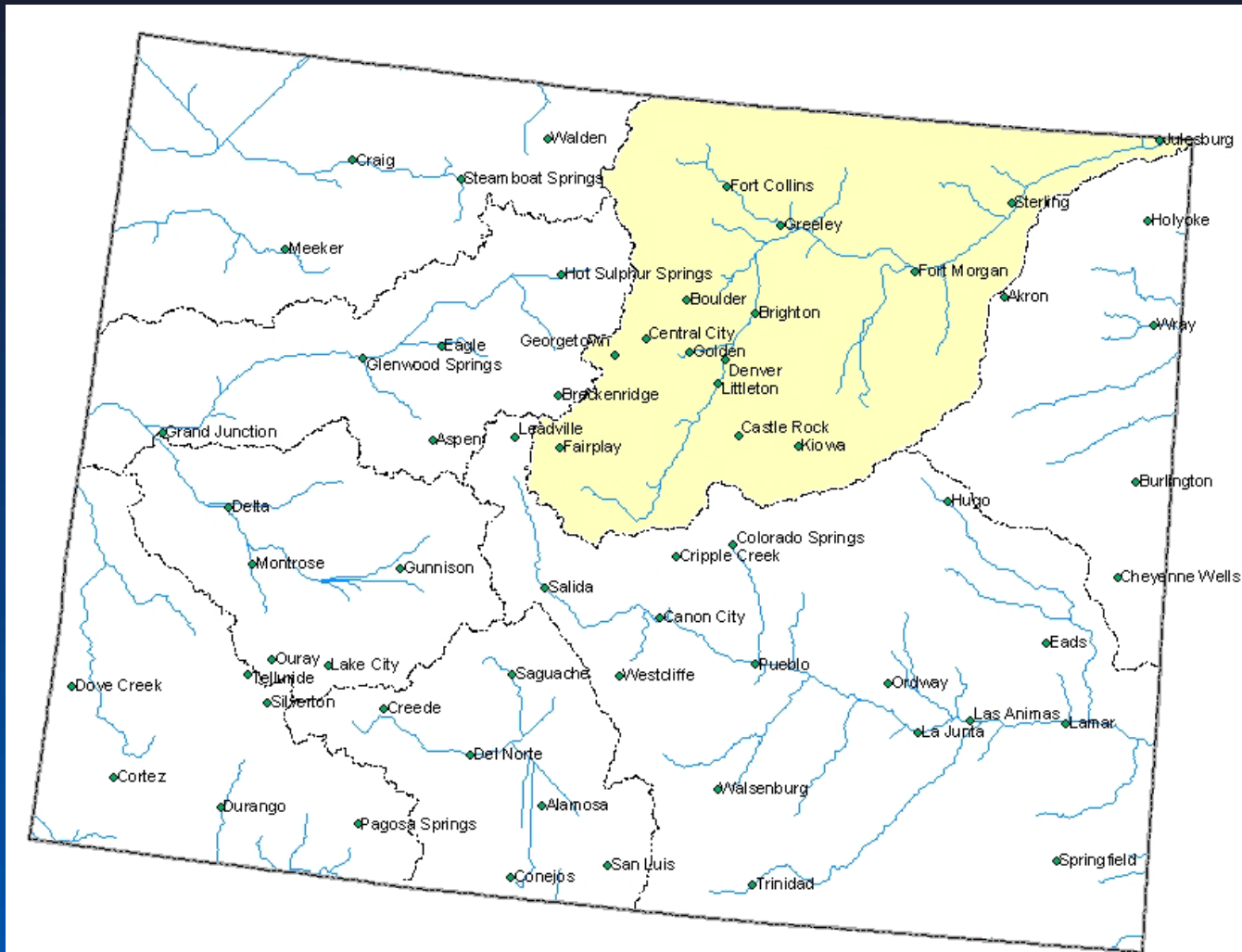
End of October 2014



COLORADO RIVER BASIN Reservoir Storage Departure from Average



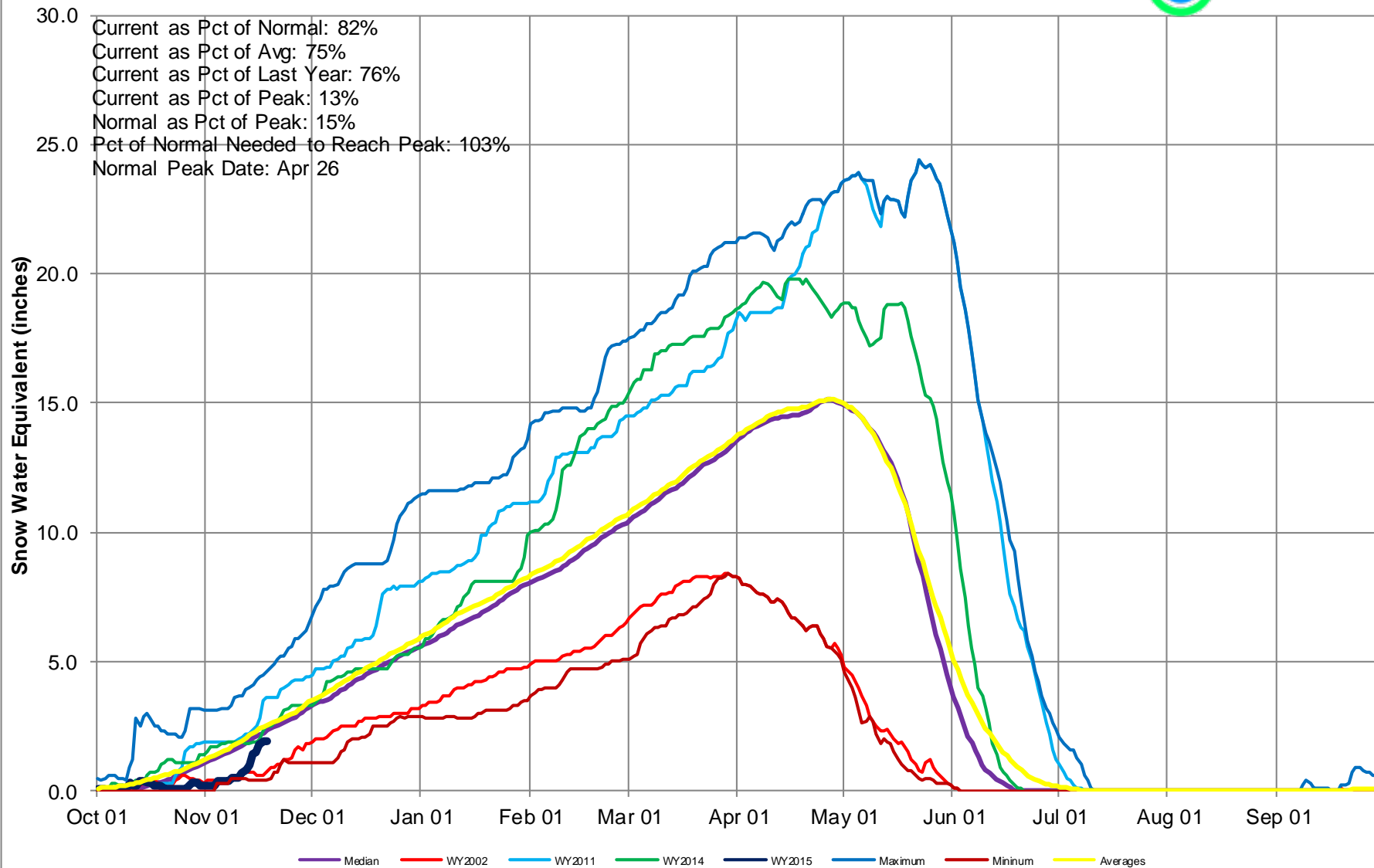
South Platte River Basin Summary





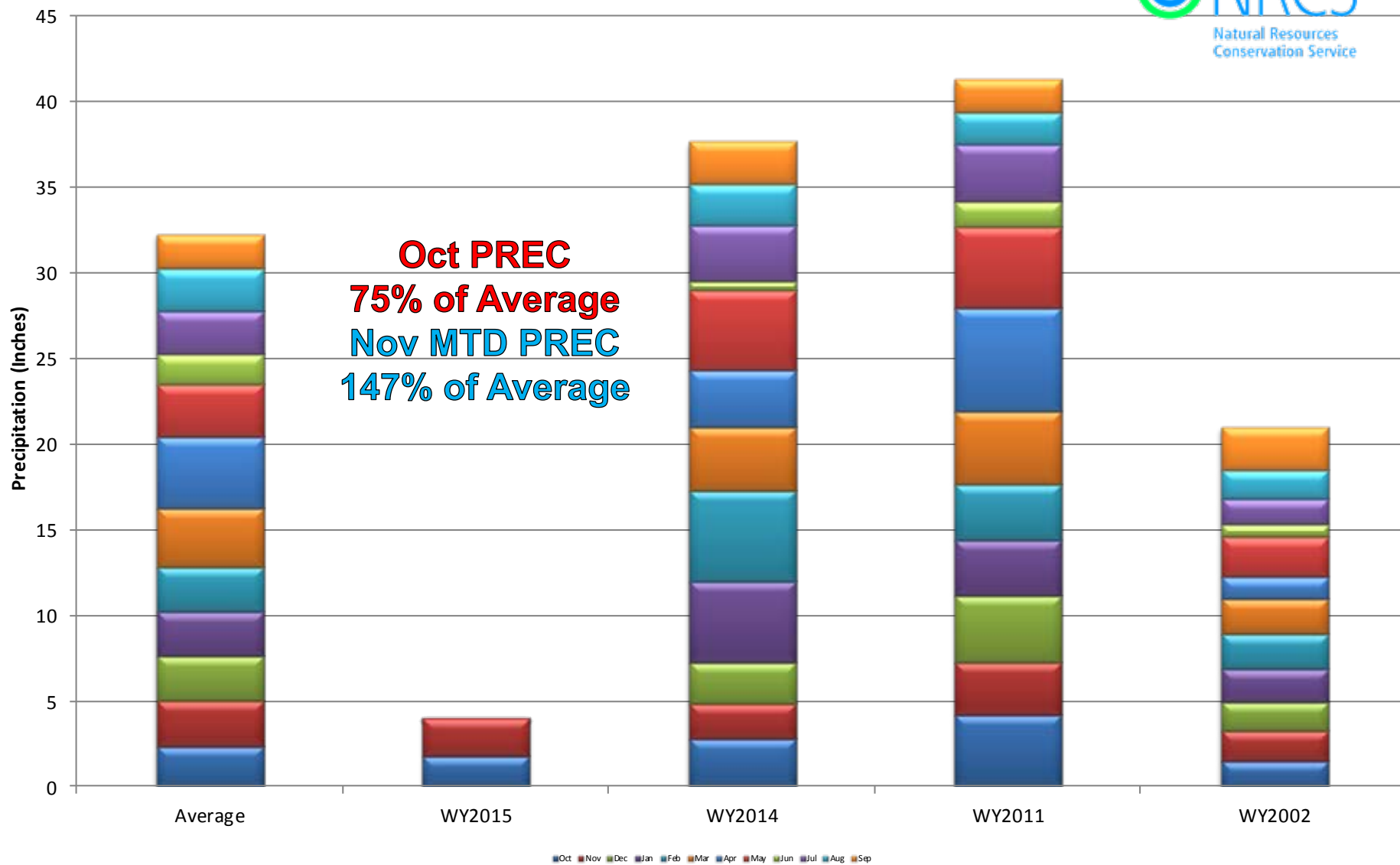
South Platte River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 18, 2014



South Platte River Basin High/Low Monthly Precipitation Summary

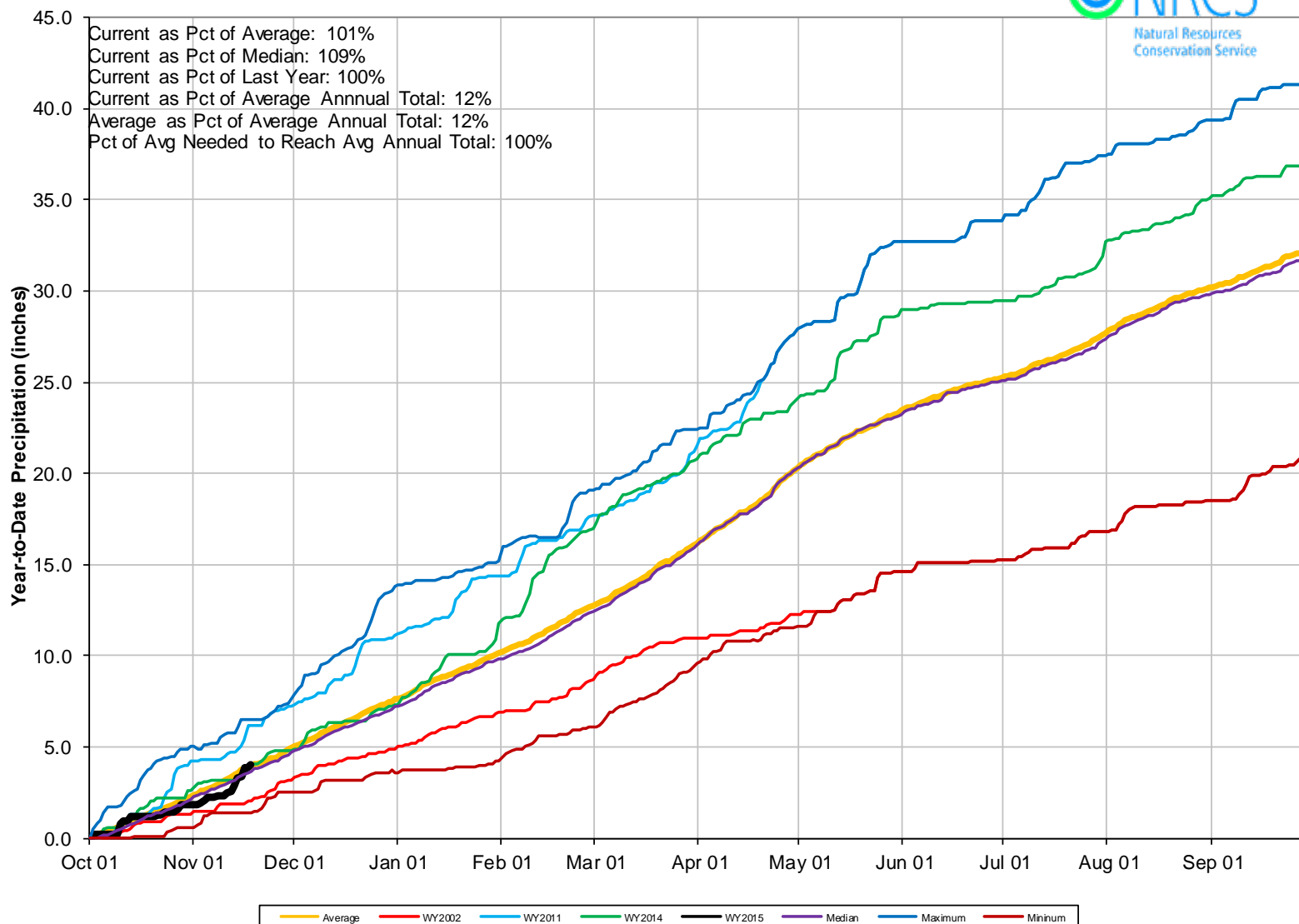
Based on Provisional SNOTEL data as of Nov 18, 2014





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

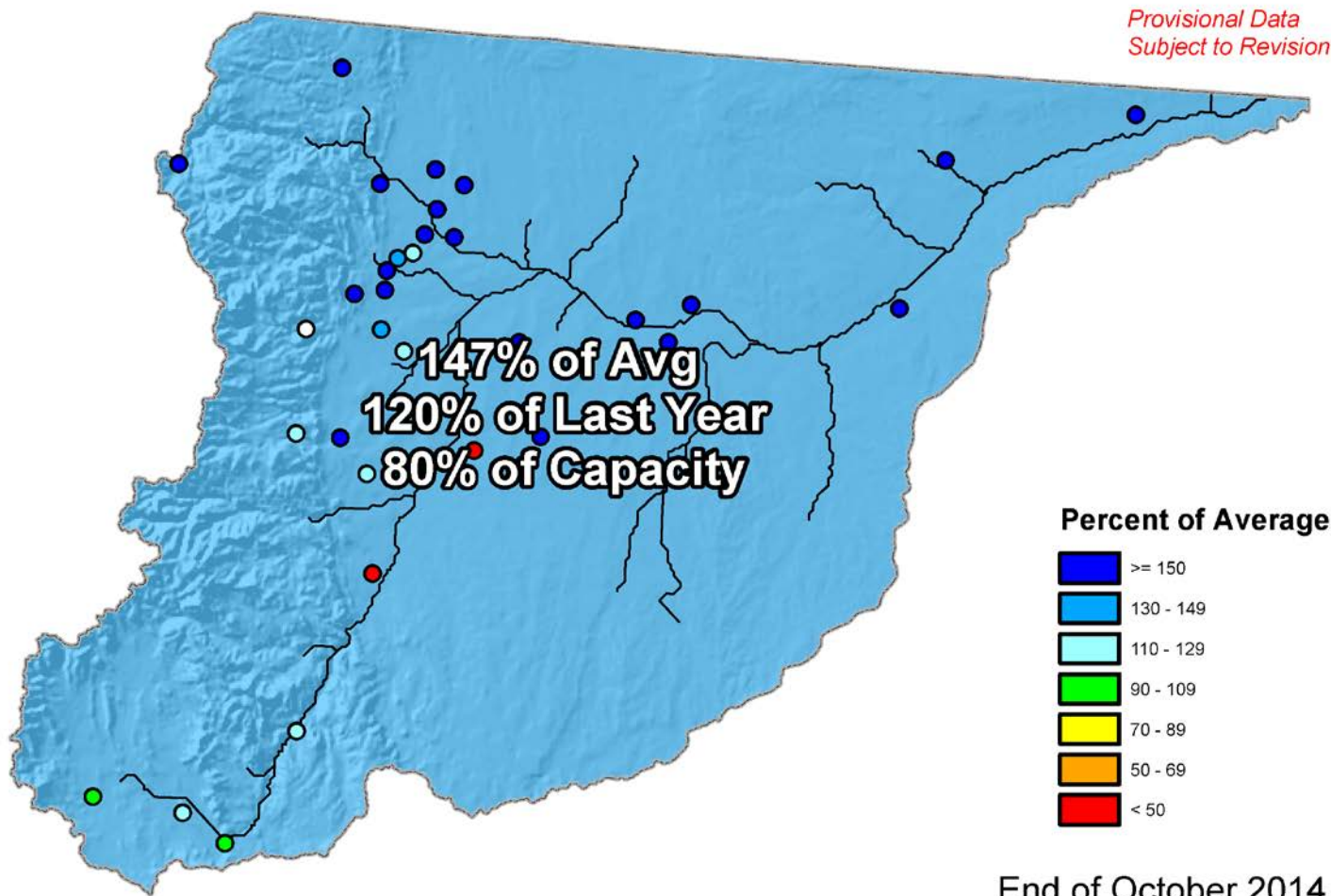
Based on Provisional SNOTEL data as of Nov 18, 2014



South Platte River Basin Reservoir Storage Map



*Provisional Data
Subject to Revision*



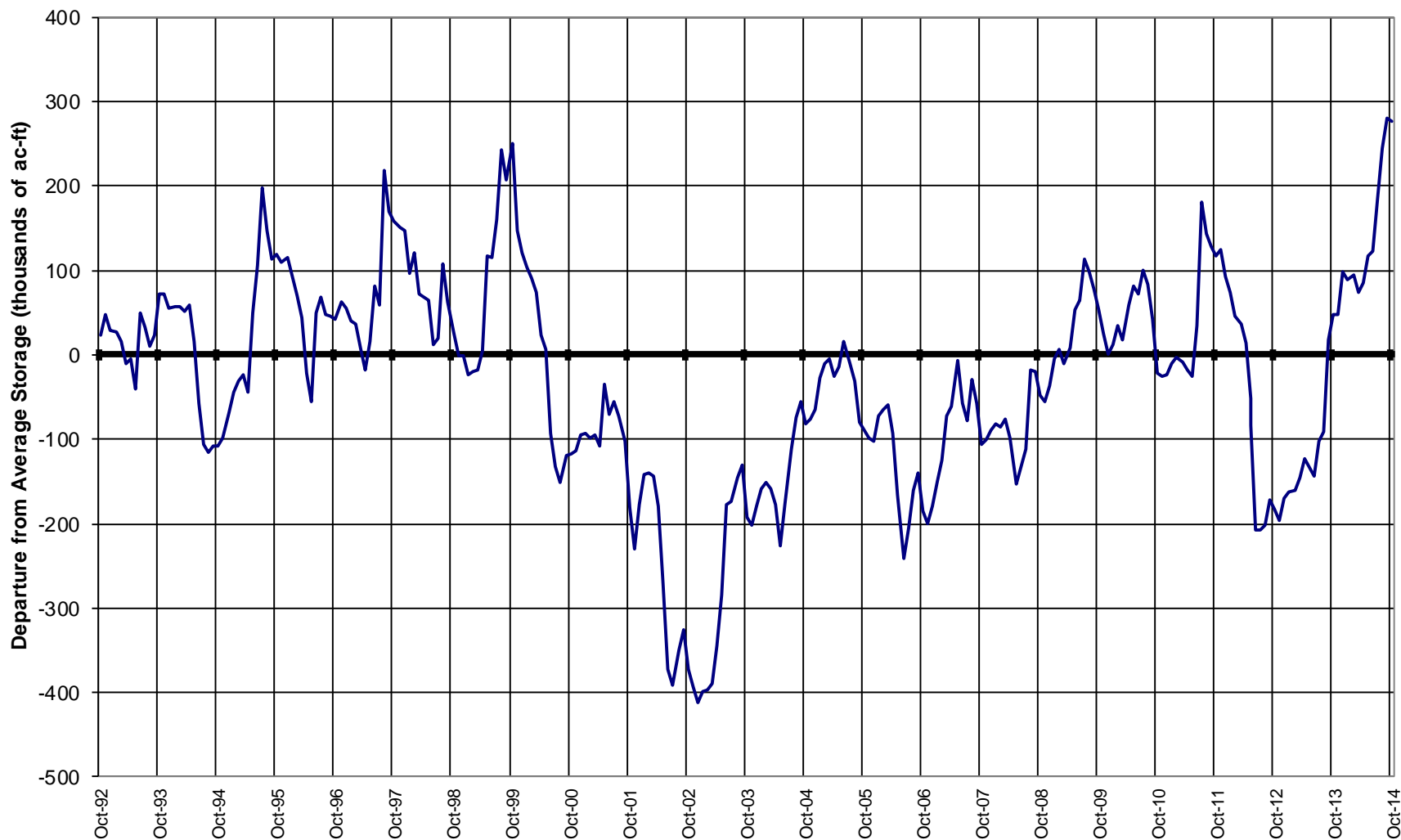
End of October 2014



SOUTH PLATTE RIVER BASIN

Reservoir Storage

Departure from Average



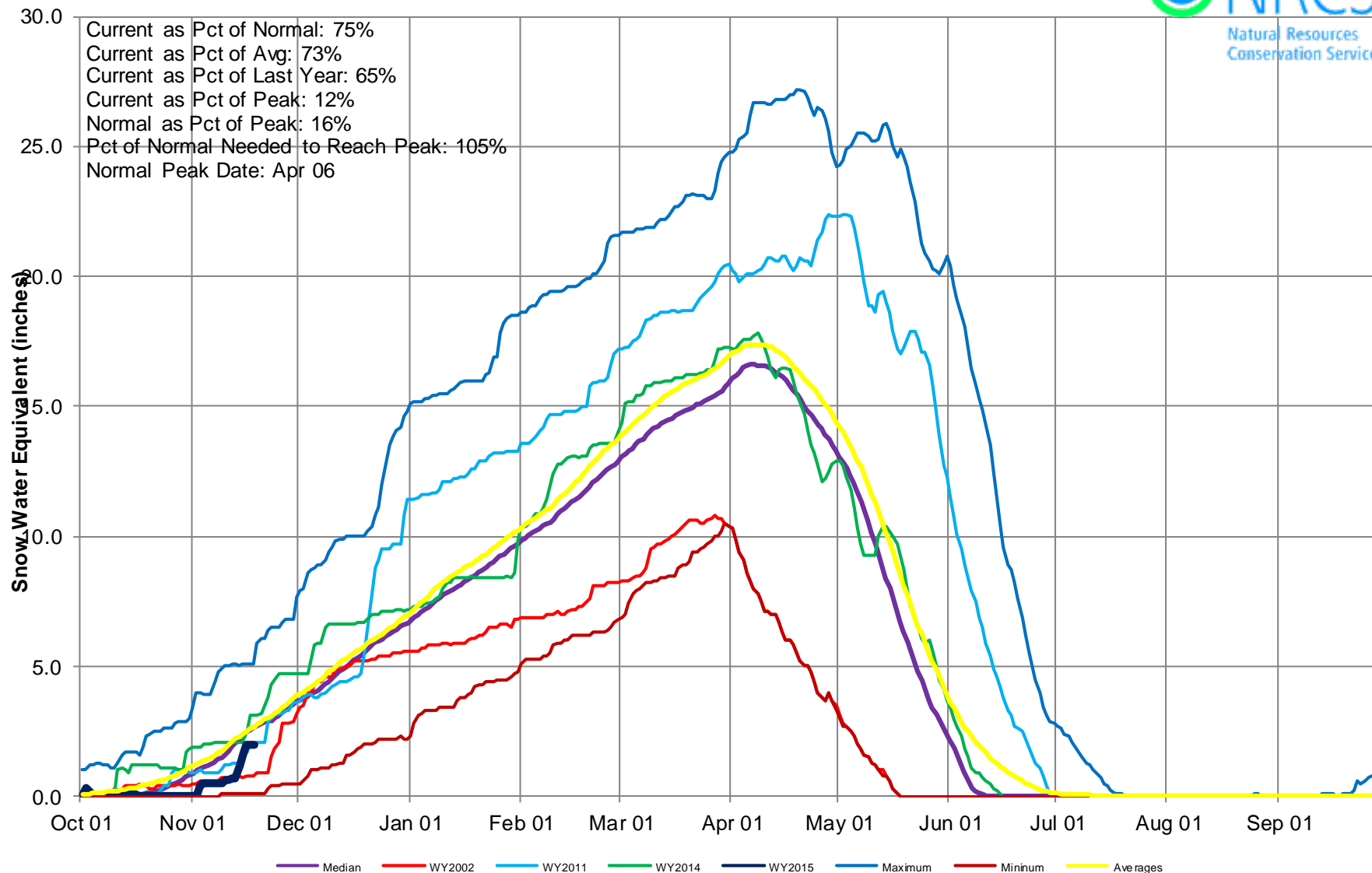
Gunnison River Basin Summary





Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 18, 2014



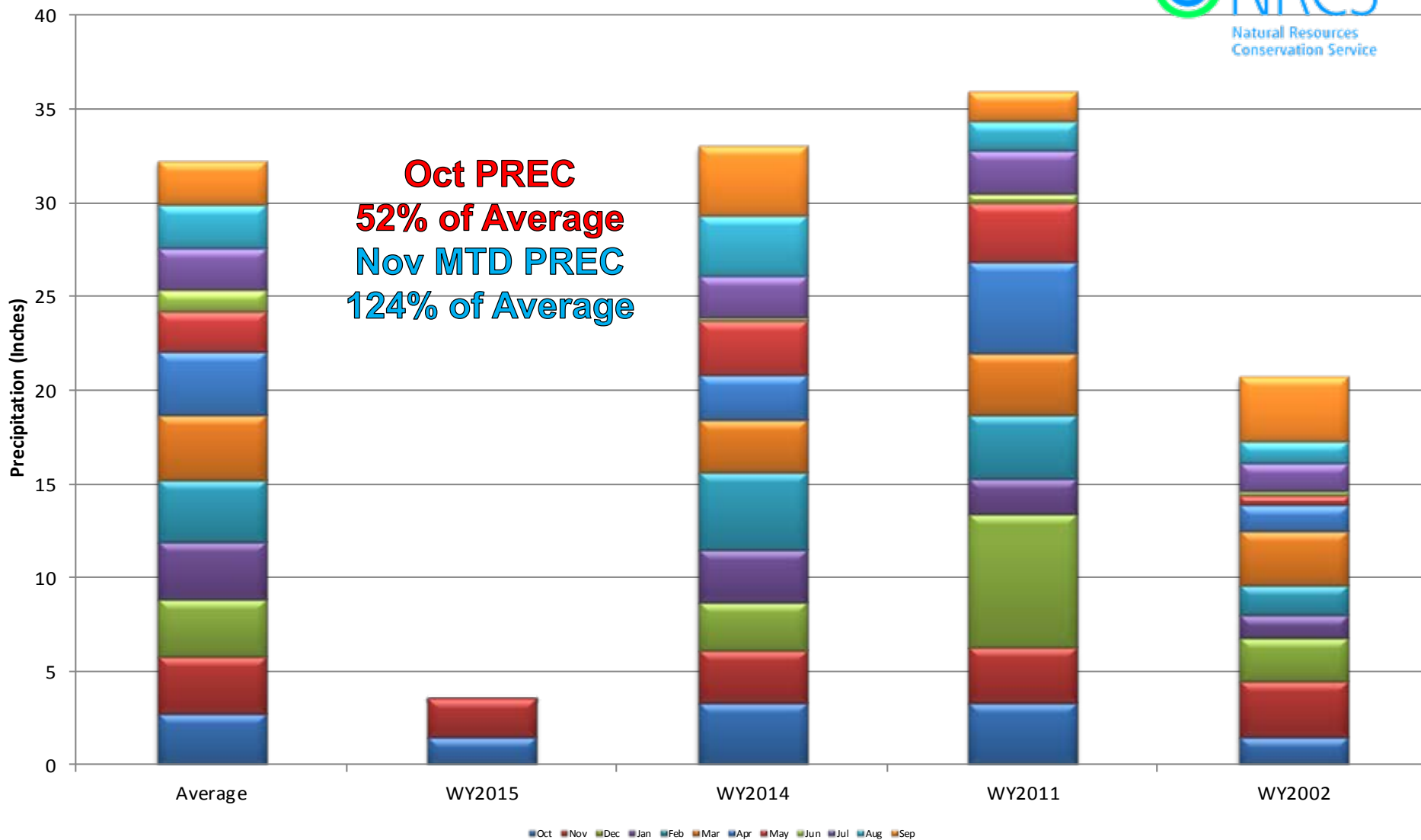


Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 18, 2014



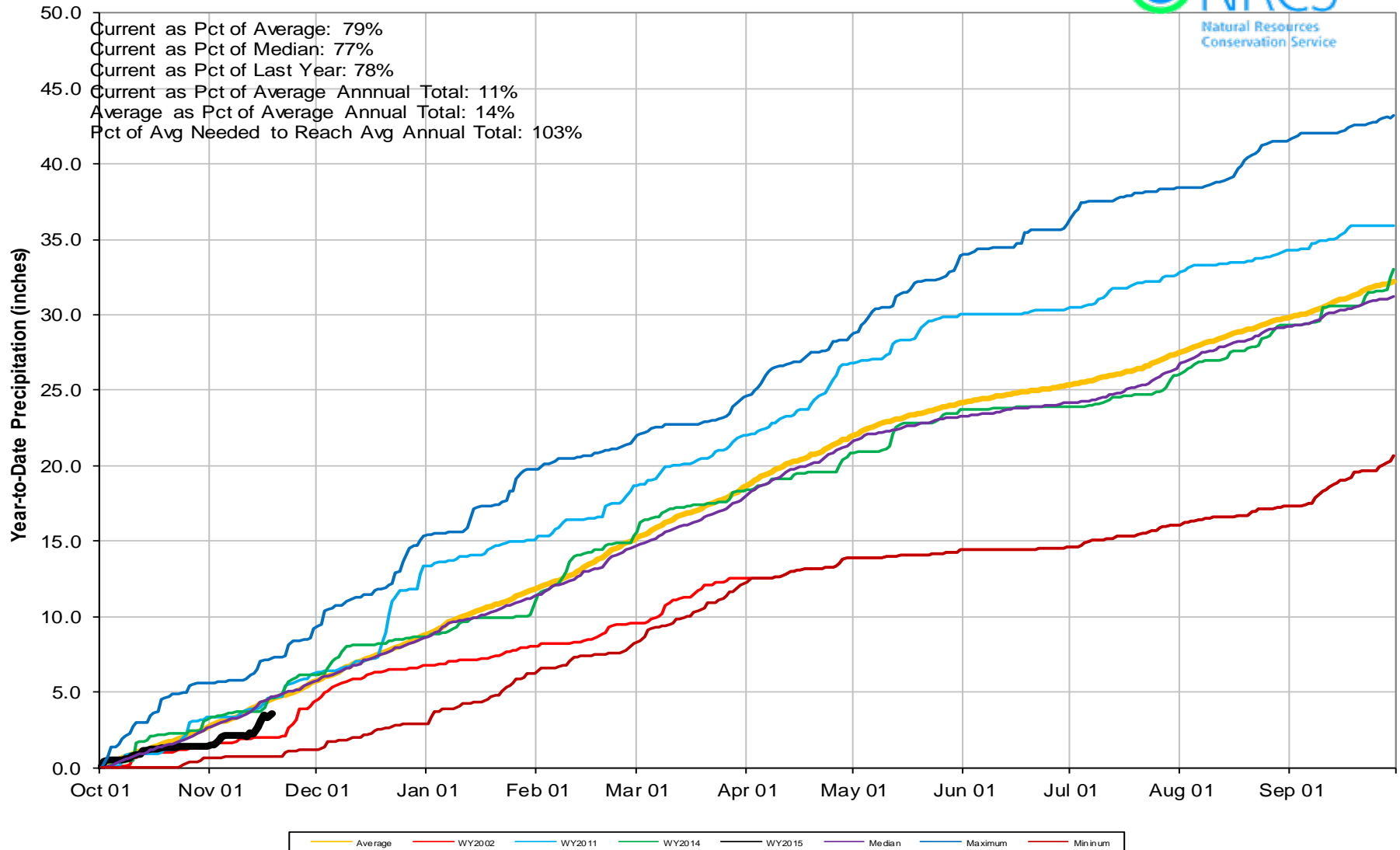
Oct PREC
52% of Average
Nov MTD PREC
124% of Average





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

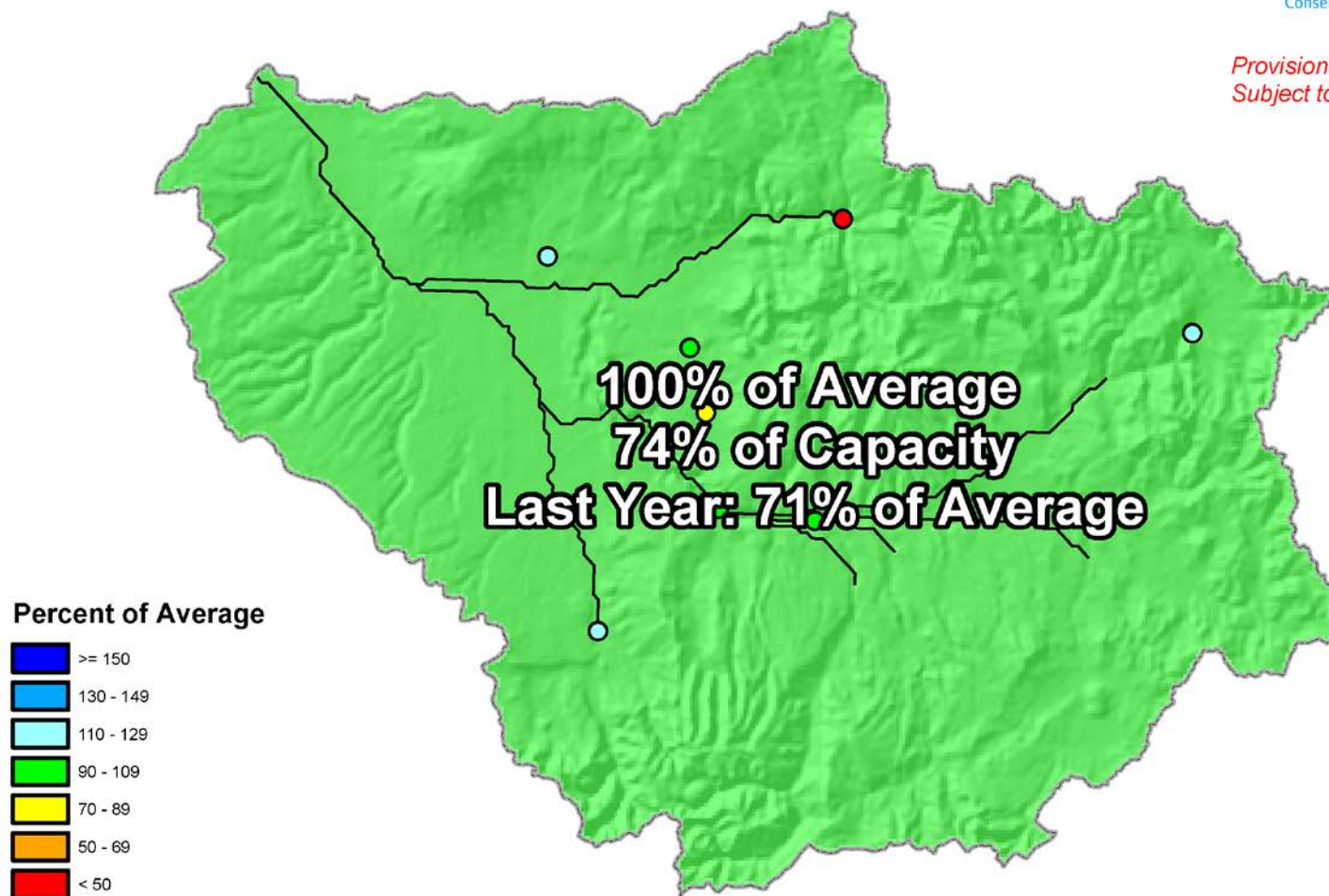
Based on Provisional SNOTEL data as of Nov 18, 2014



Gunnison River Basin Reservoir Storage Map



*Provisional Data
Subject to Revision*



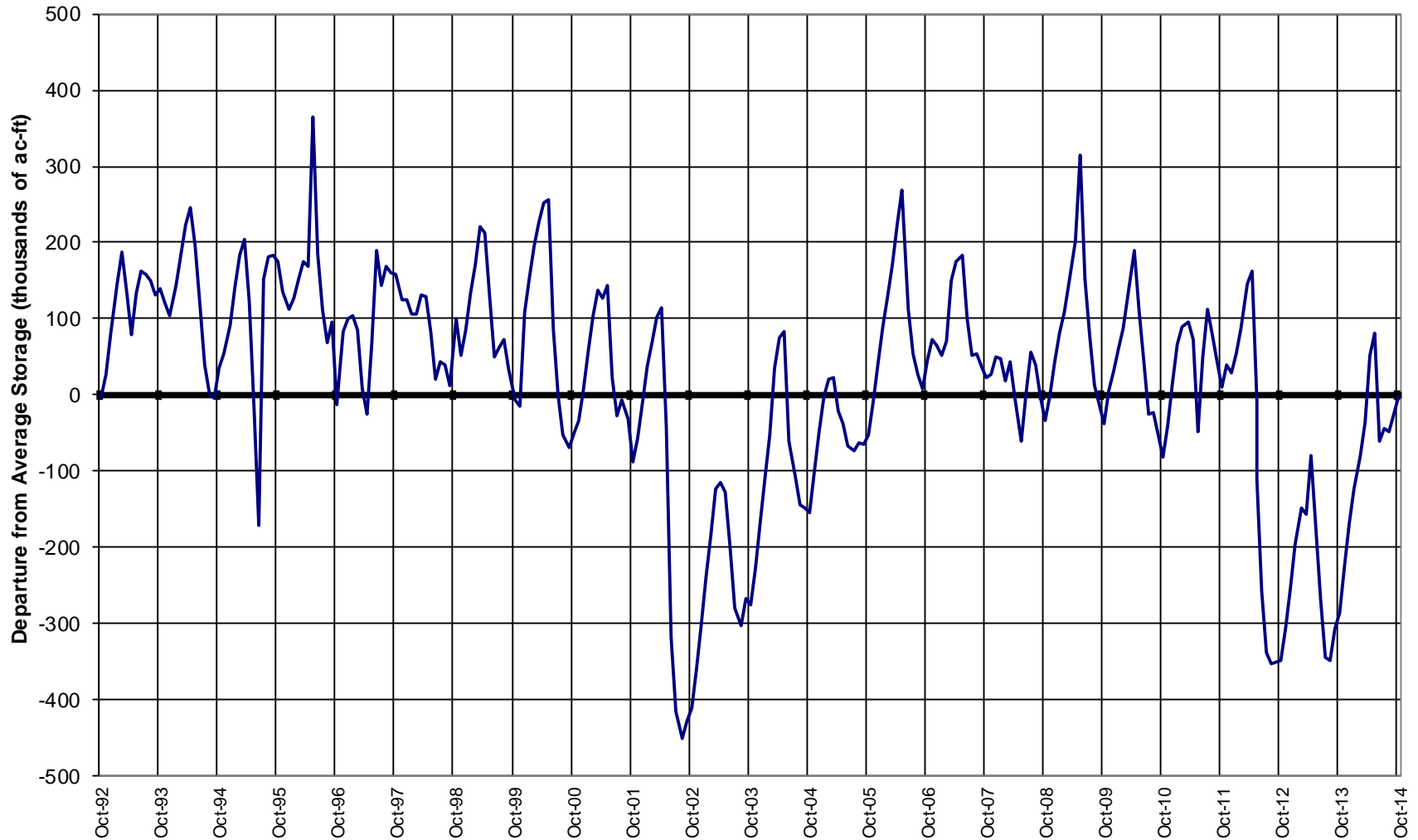
End of October 2014



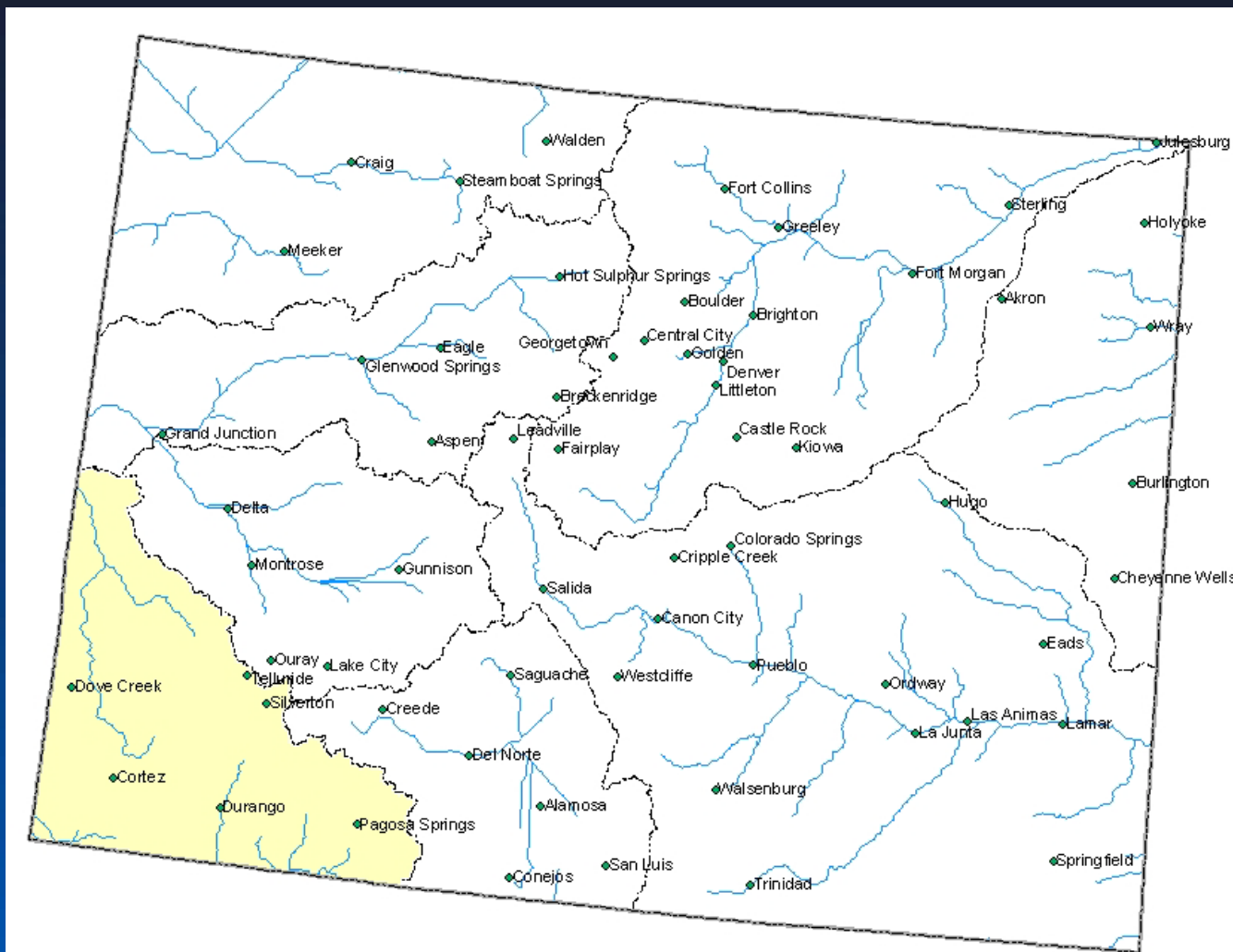
GUNNISON RIVER BASIN

Reservoir Storage

Departure from Average



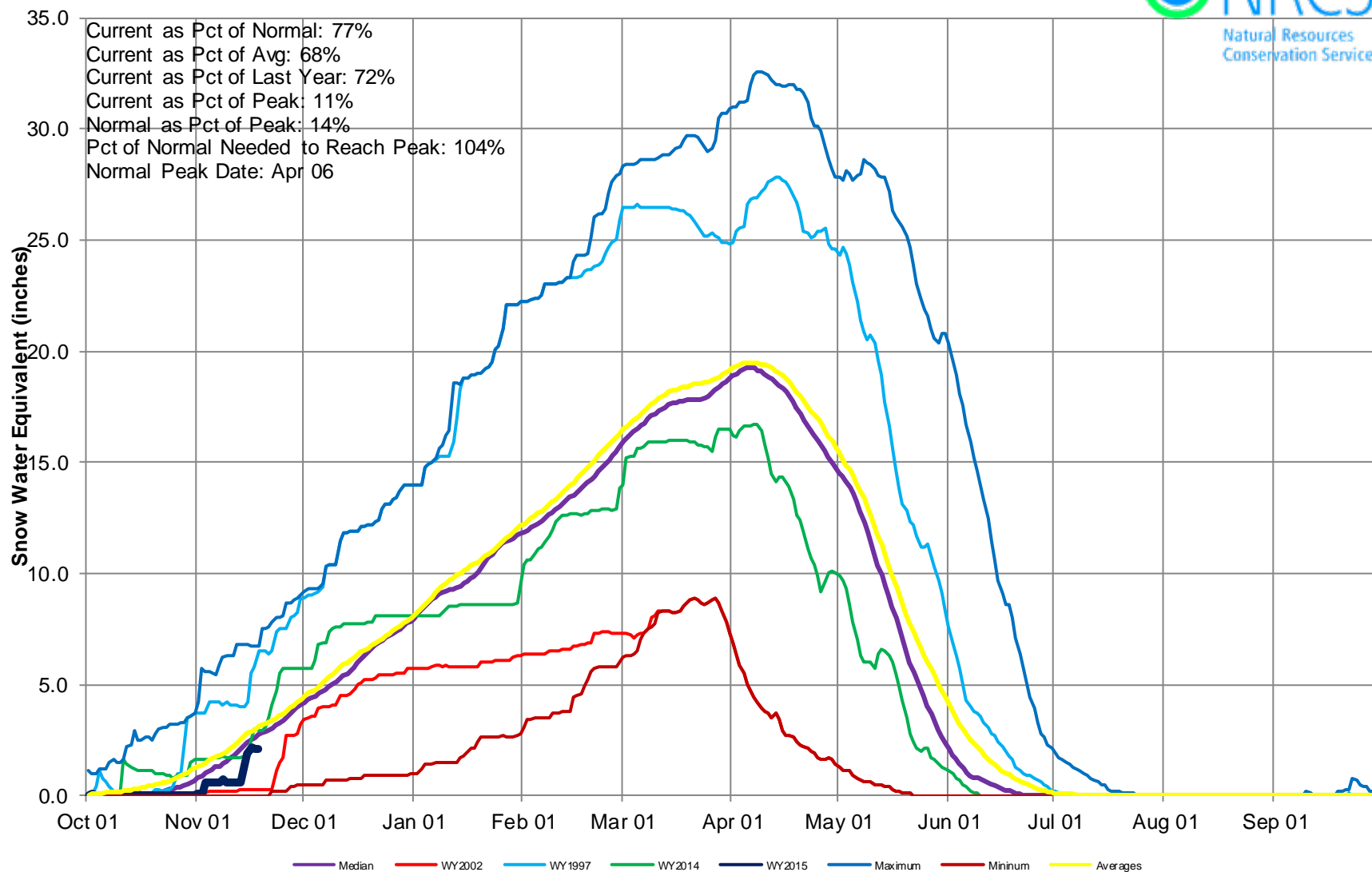
San Miguel, Dolores, Animas & San Juan River Basins Summary





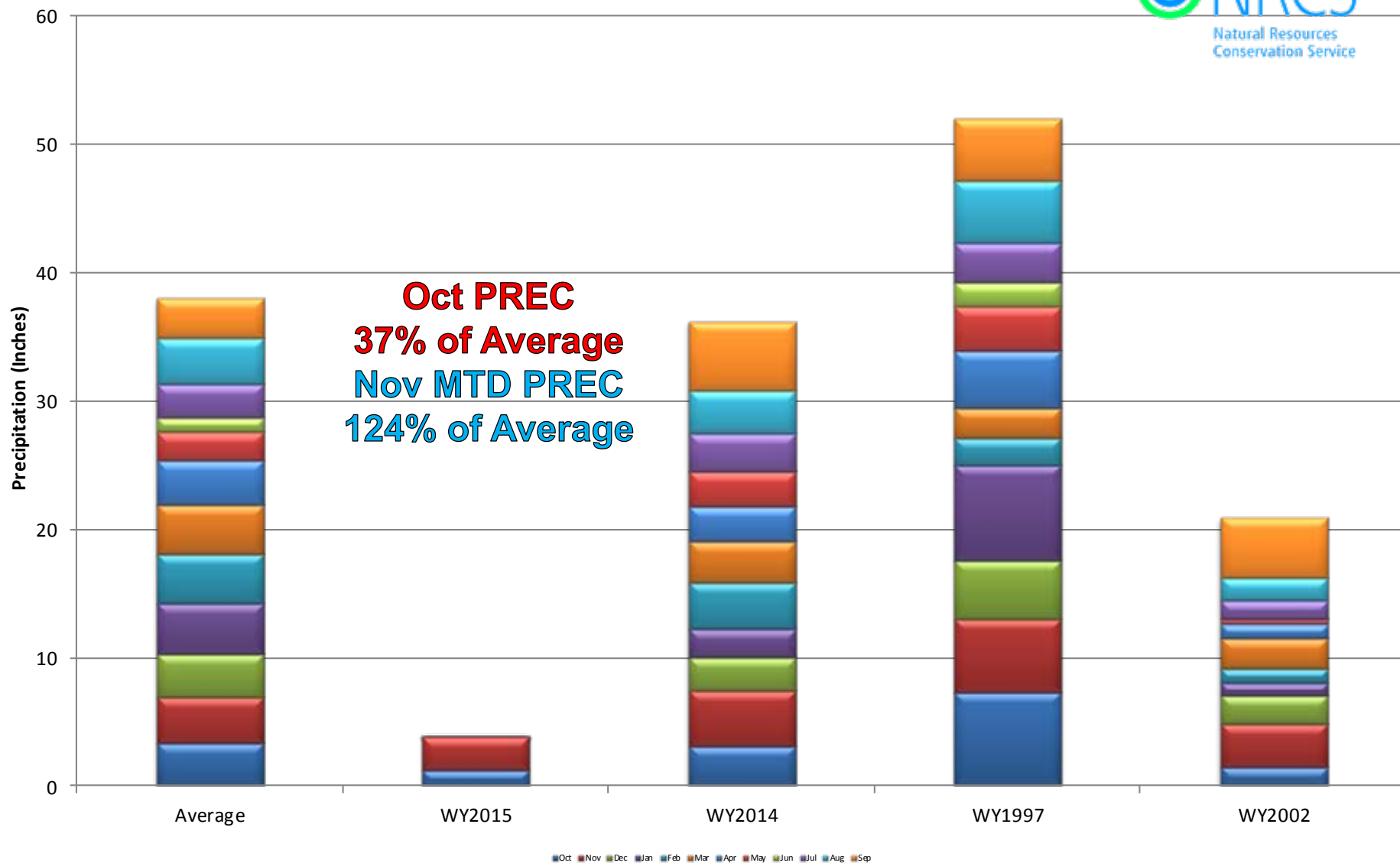
San Miguel, Dolores, Animas and San Juan River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Nov 18, 2014





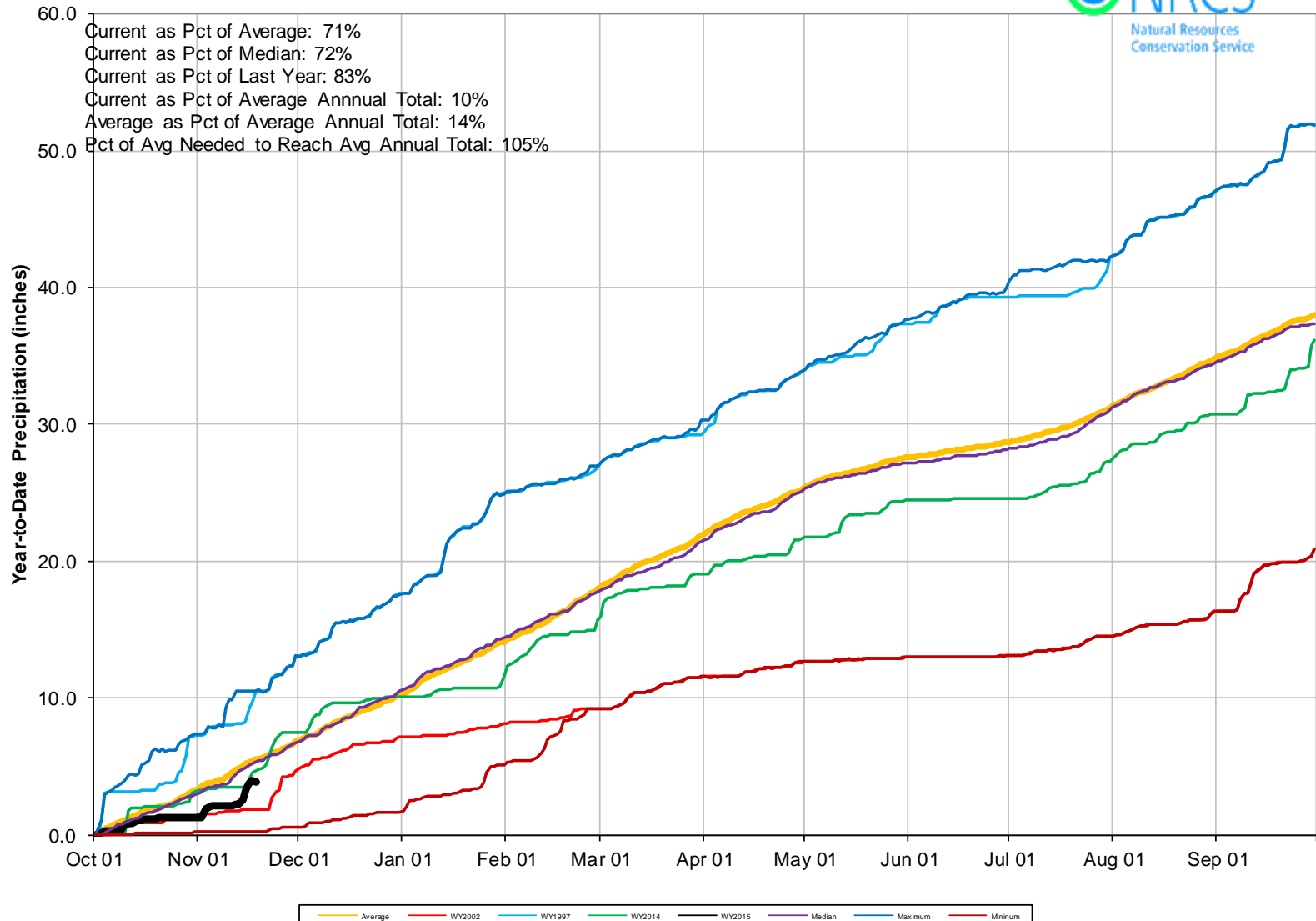
San Miguel, Dolores, Animas & San Juan River Basins High/Low Monthly Precipitation Summary





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

Based on Provisional SNOTEL data as of Nov 18, 2014

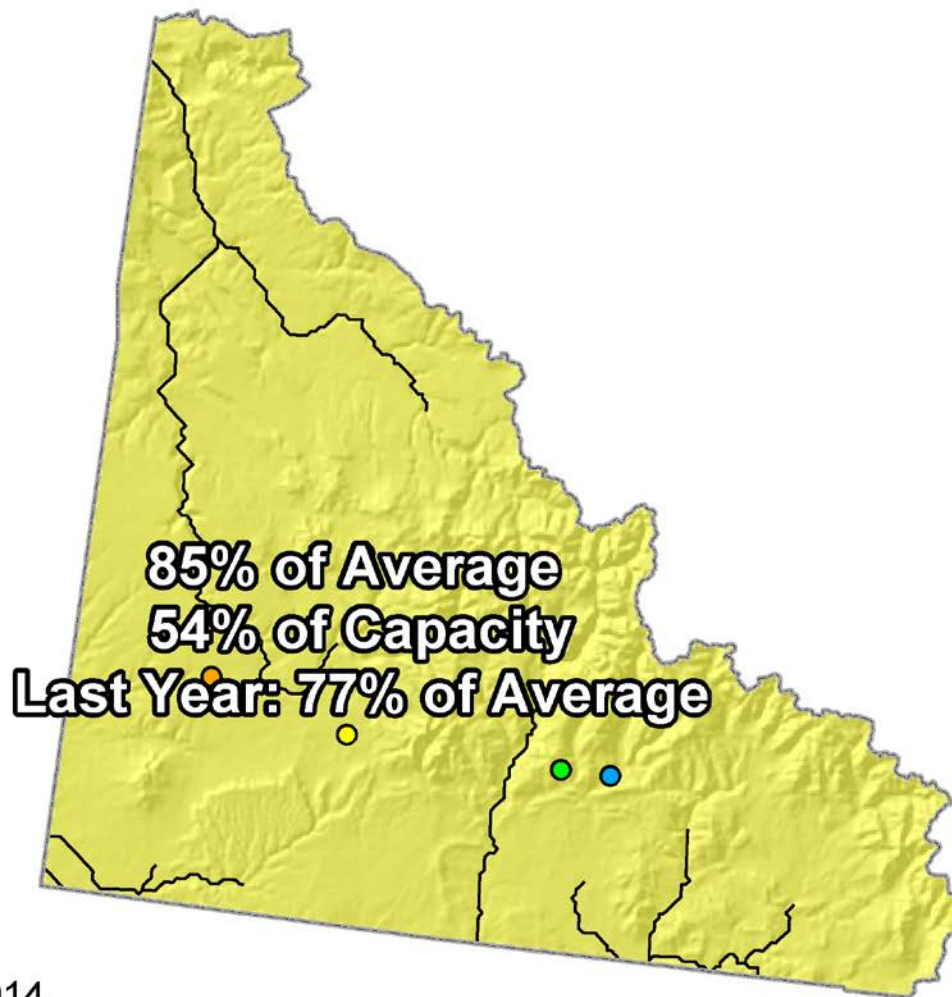
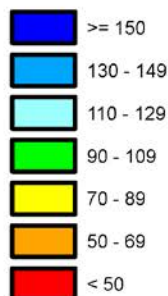


San Miguel, Dolores, Animas and San Juan River Basins Reservoir Storage Map



*Provisional Data
Subject to Revision*

Percent of Average

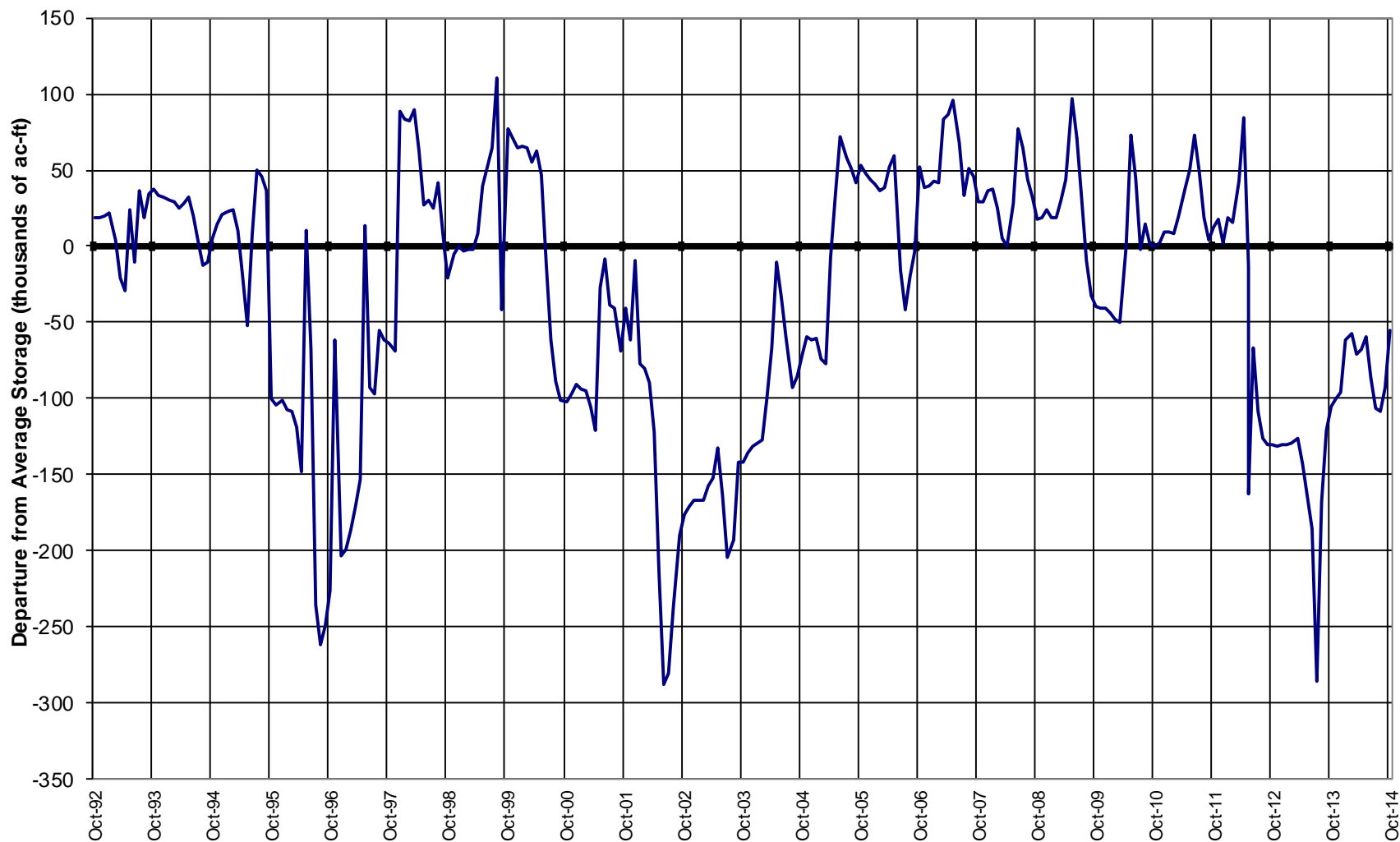


End of October 2014

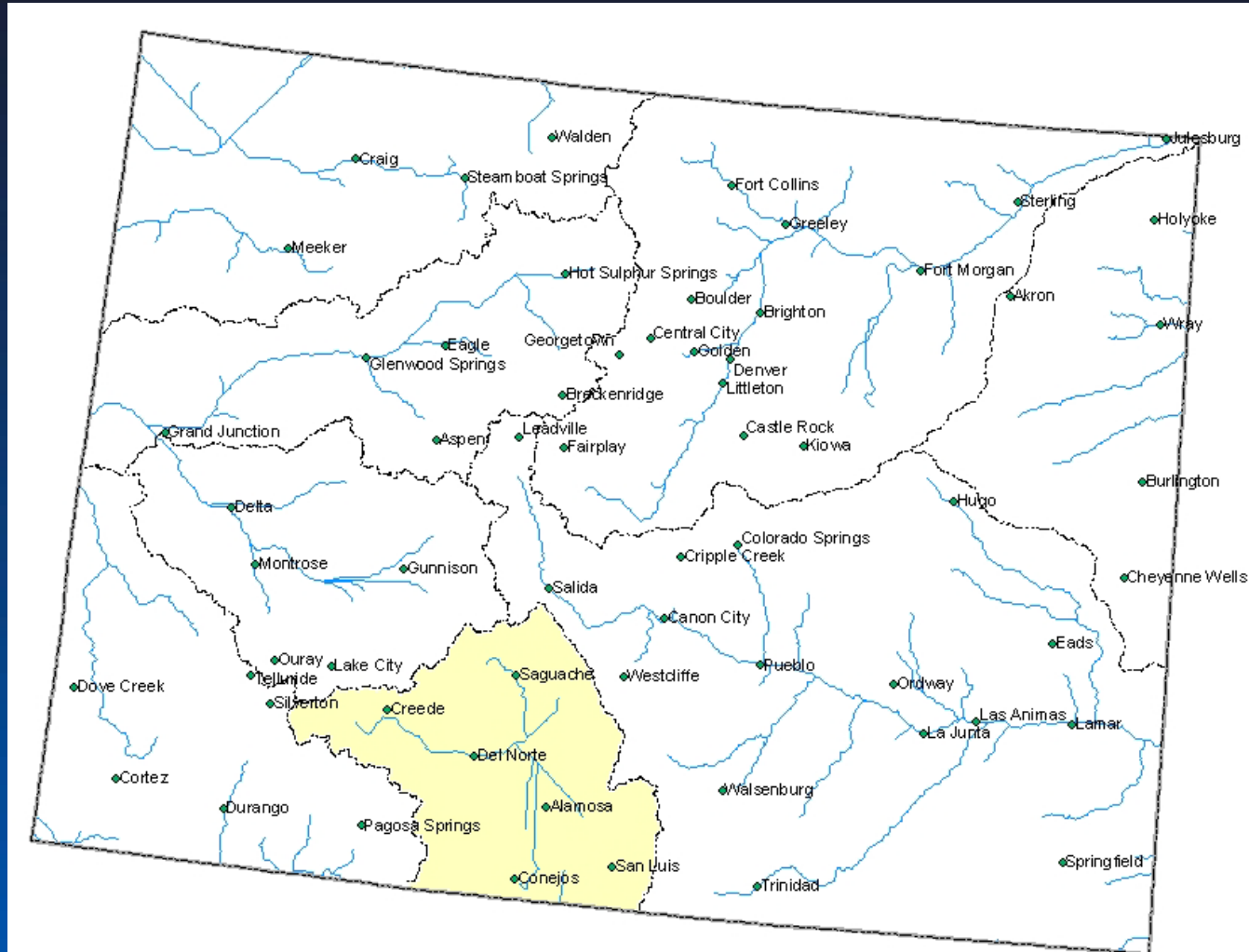


SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS

Reservoir Storage
Departure from Average



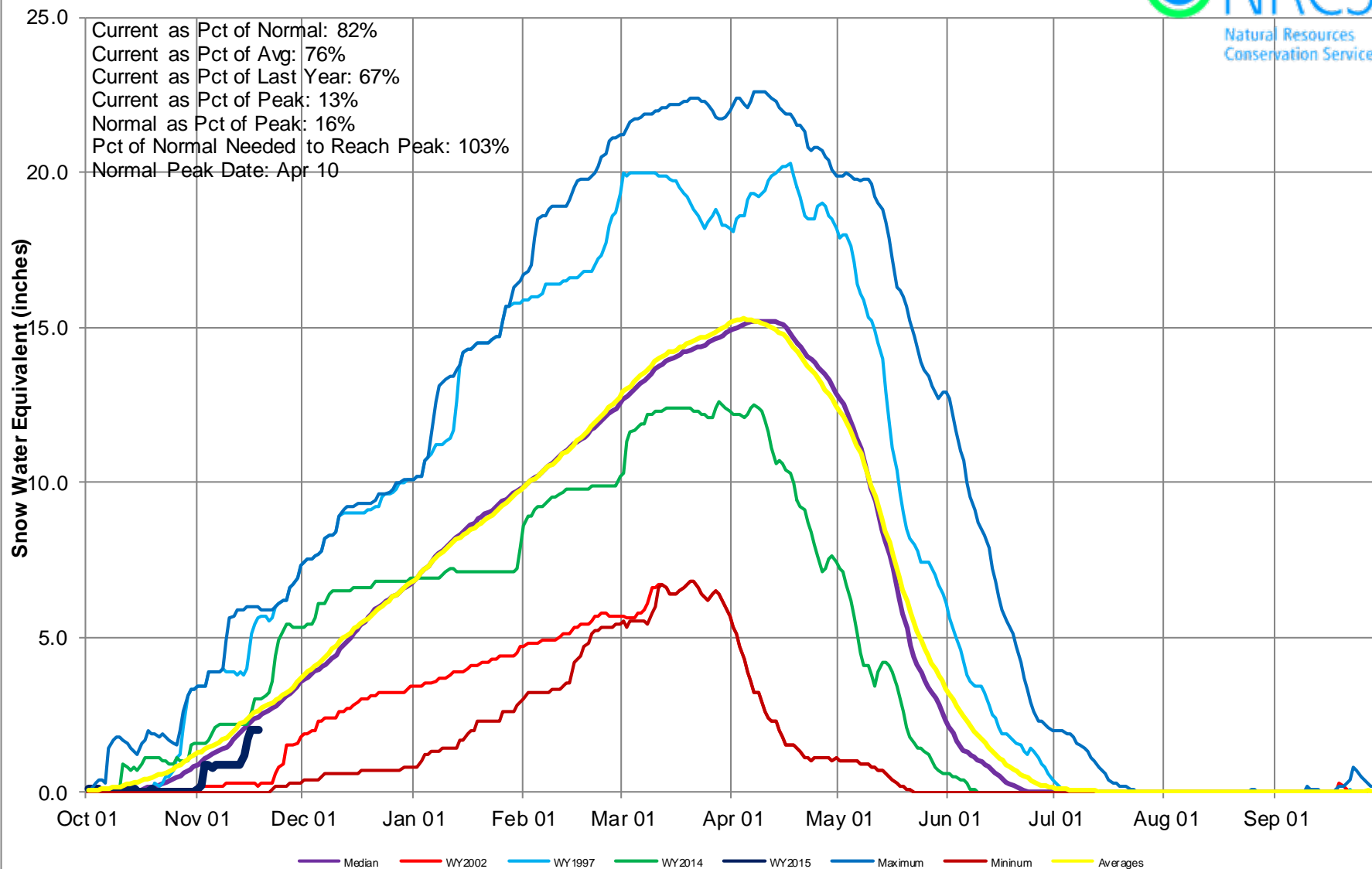
Upper Rio Grande Basin Summary





Upper Rio Grande Basin High/Low Snowpack Summary

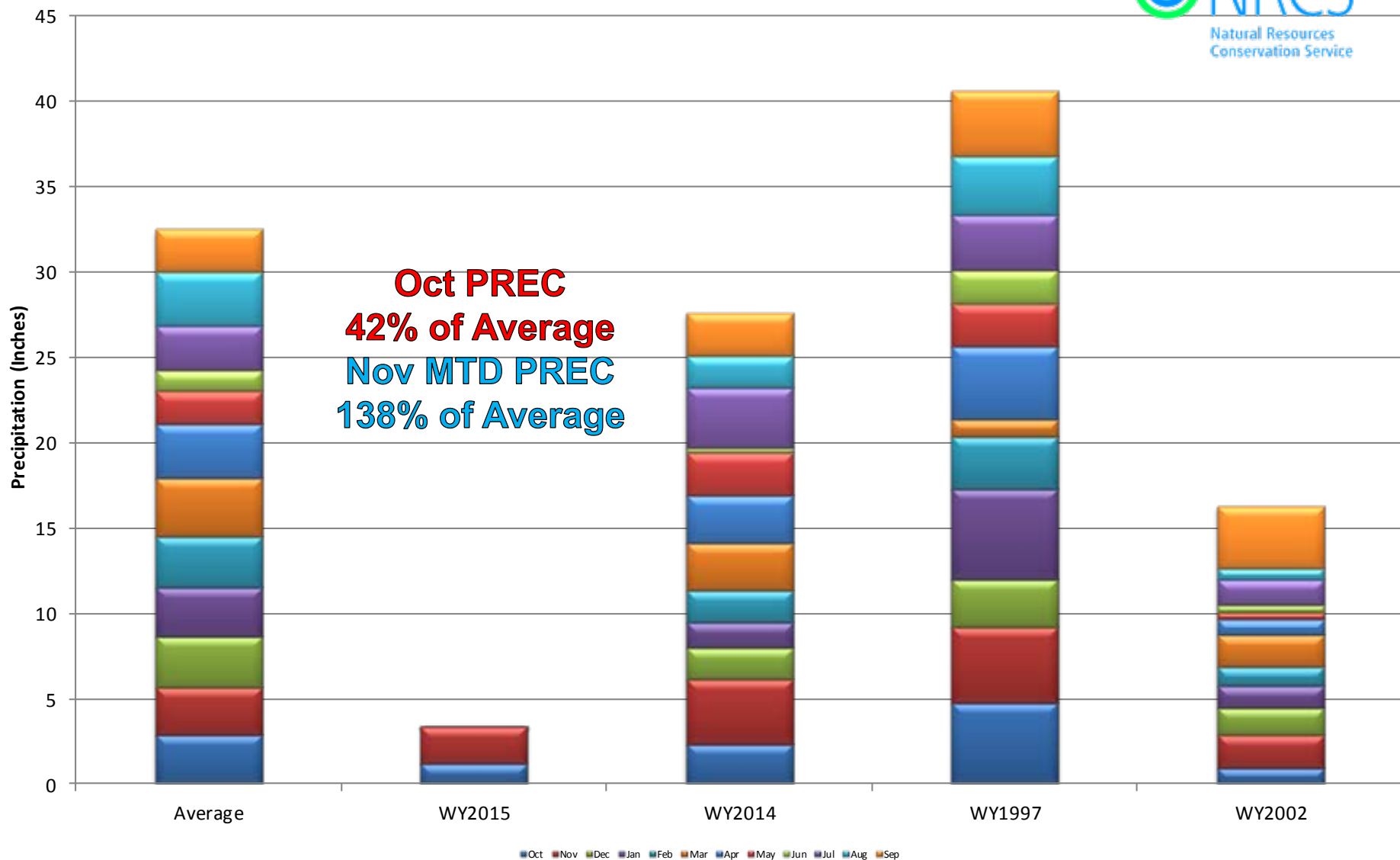
Based on Provisional SNOTEL data as of Nov 18, 2014





Upper Rio Grande Basin High/Low Monthly Precipitation Summary

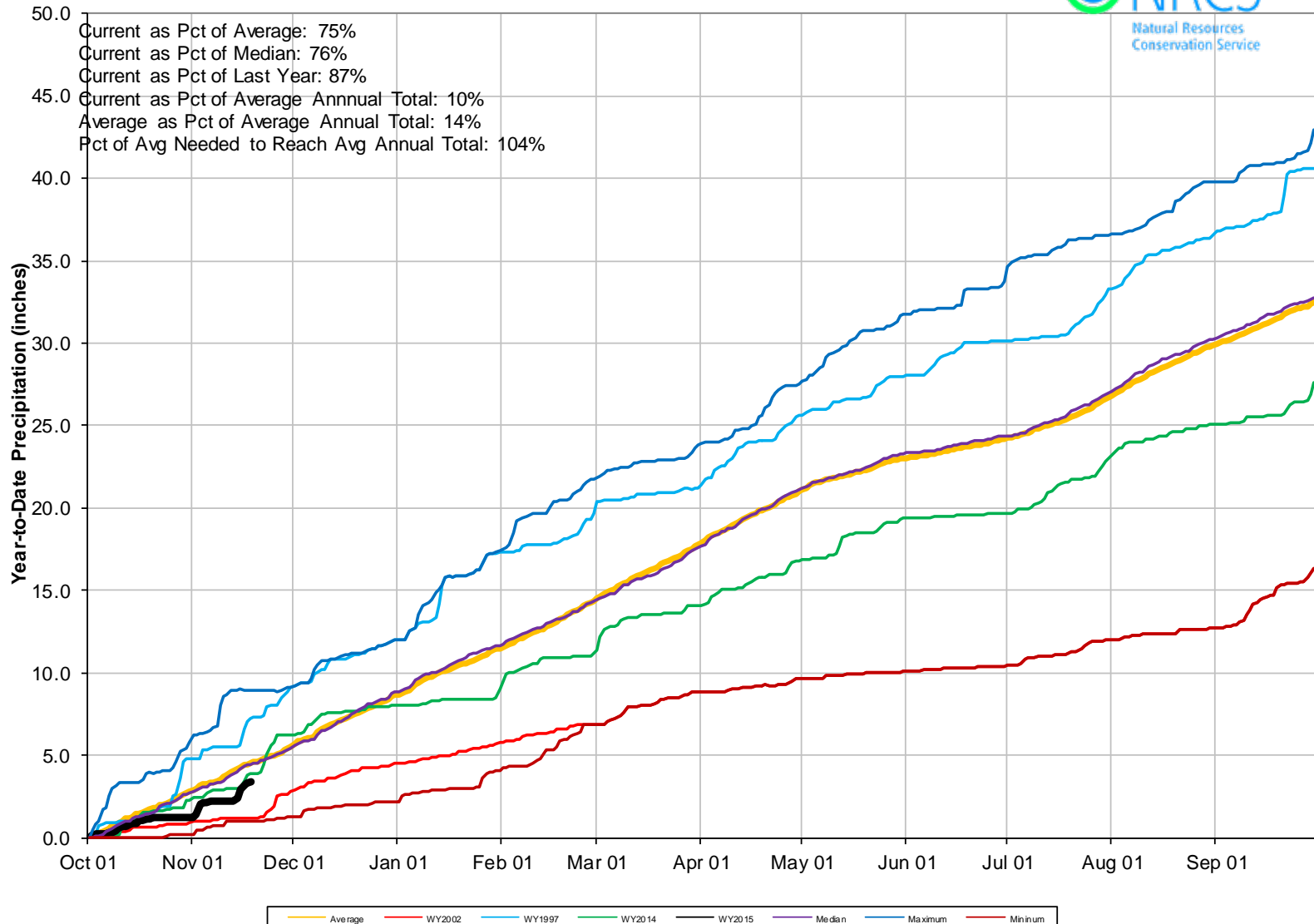
Based on Provisional SNOTEL data as of Nov 18, 2014





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

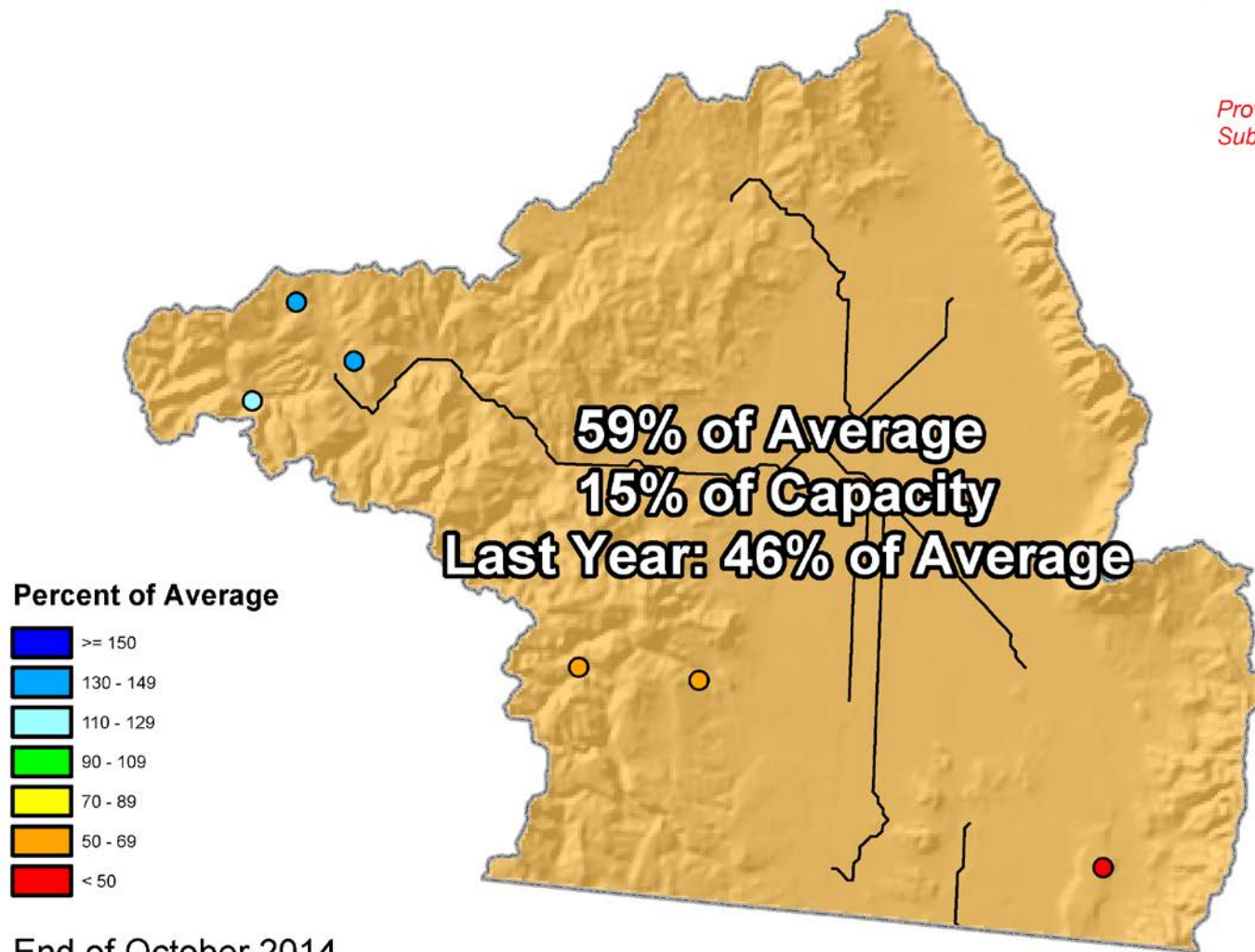
Based on Provisional SNOTEL data as of Nov 18, 2014



Upper Rio Grande Basin Reservoir Storage Map



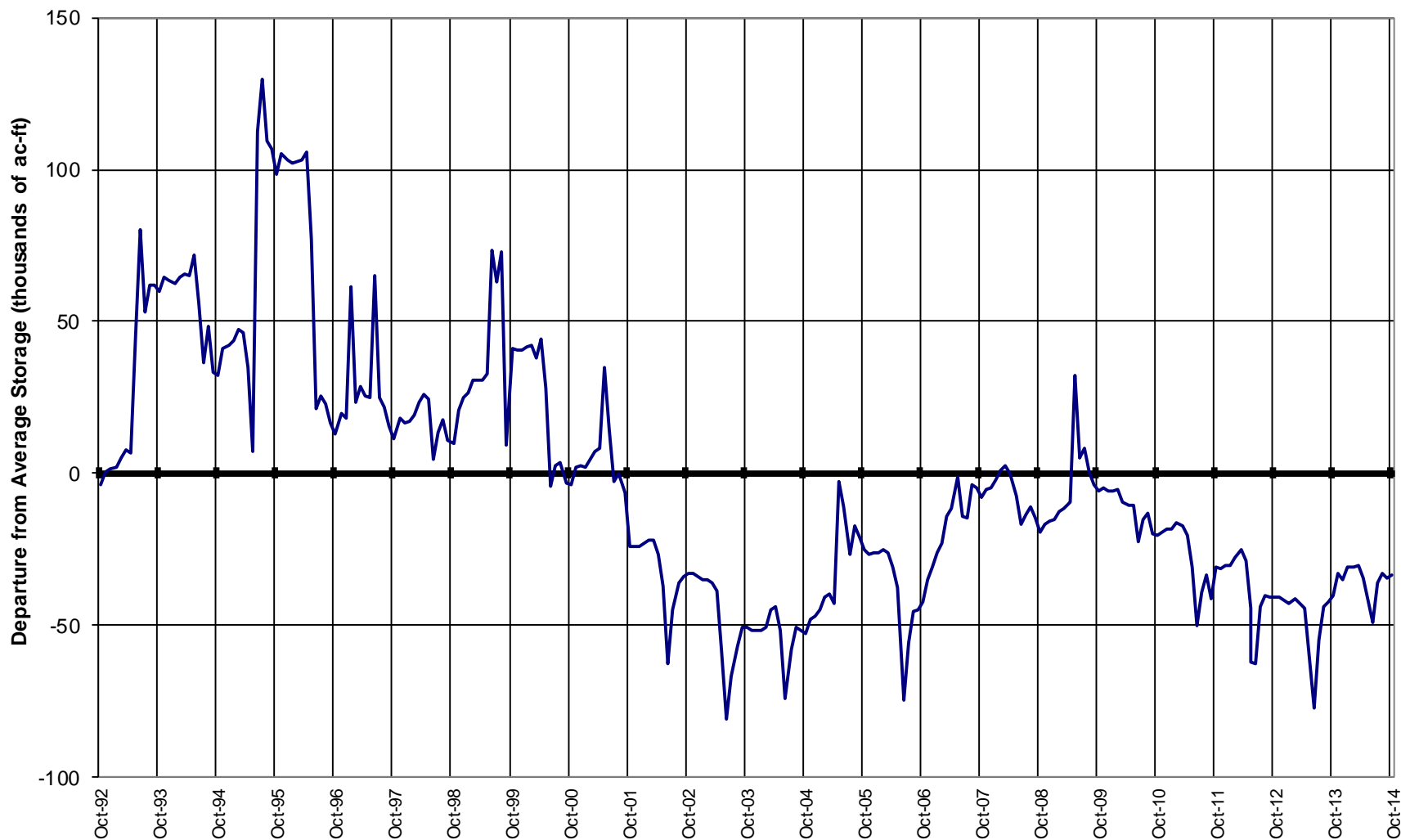
*Provisional Data
Subject to Revision*



End of October 2014



UPPER RIO GRANDE BASIN Reservoir Storage Departure from Average



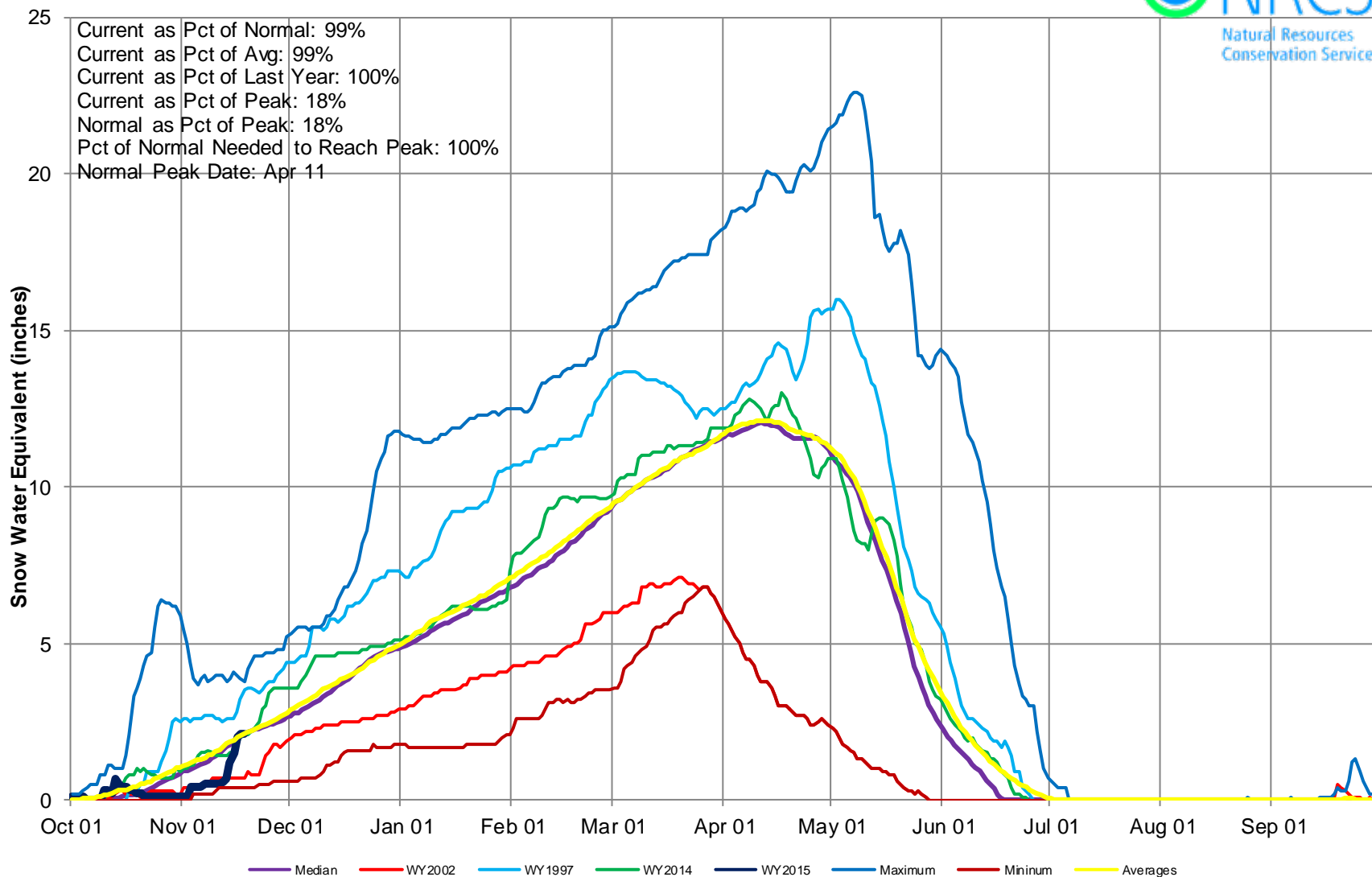
Arkansas River Basin Summary





Arkansas River Basin High/Low Snowpack Summary

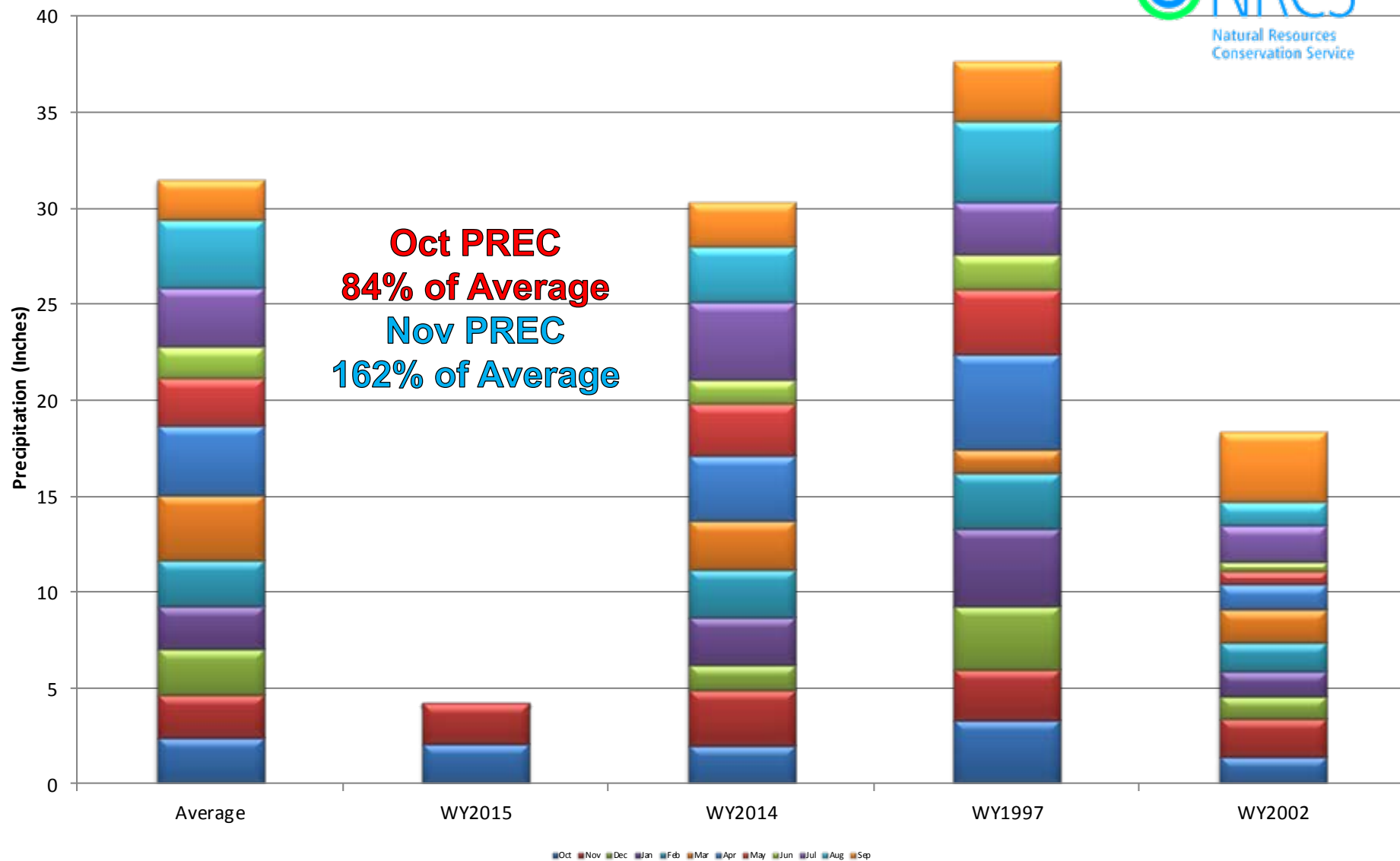
Based on Provisional SNOTEL data as of Nov 18, 2014





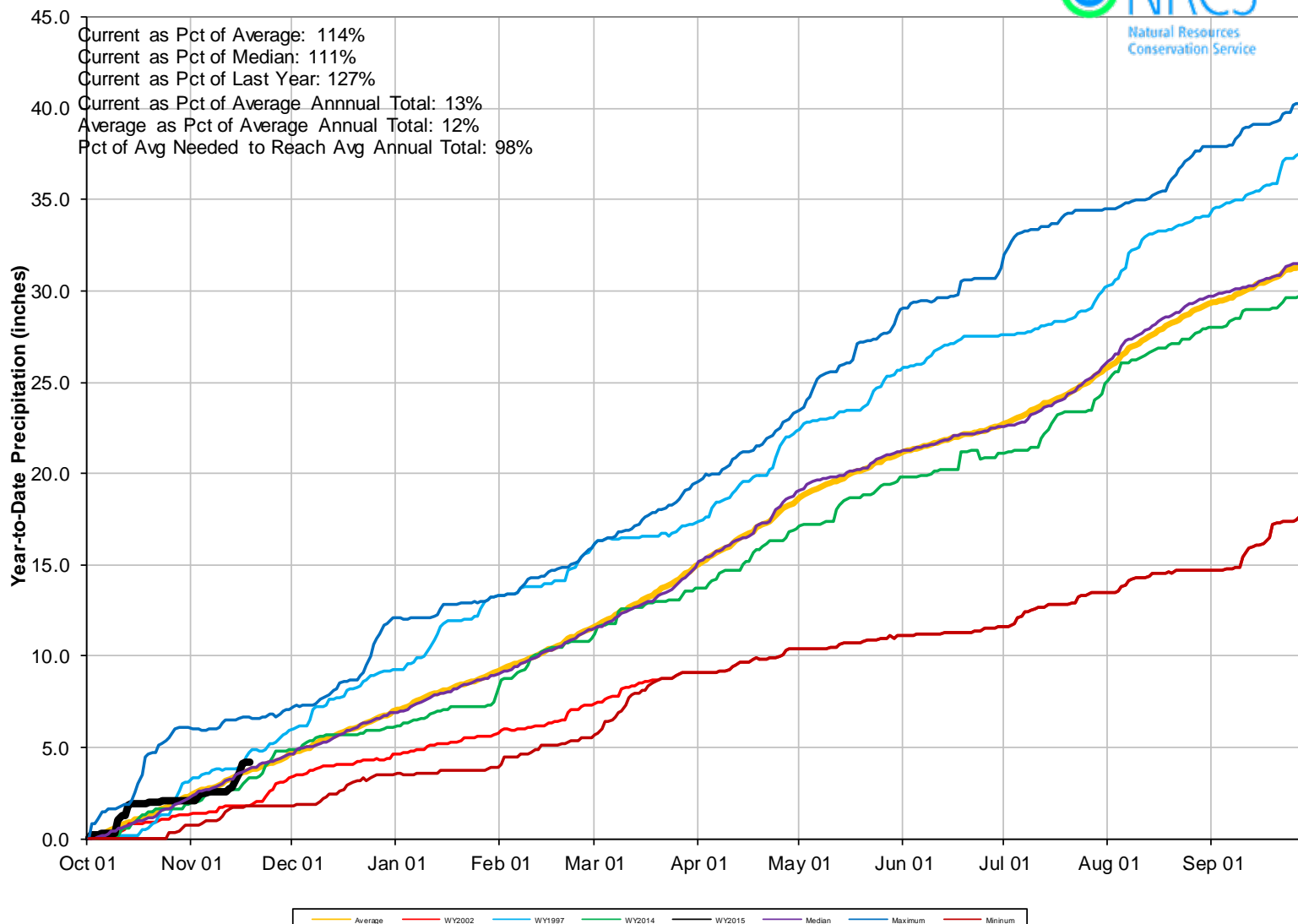
Arkansas River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Nov 18, 2014



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

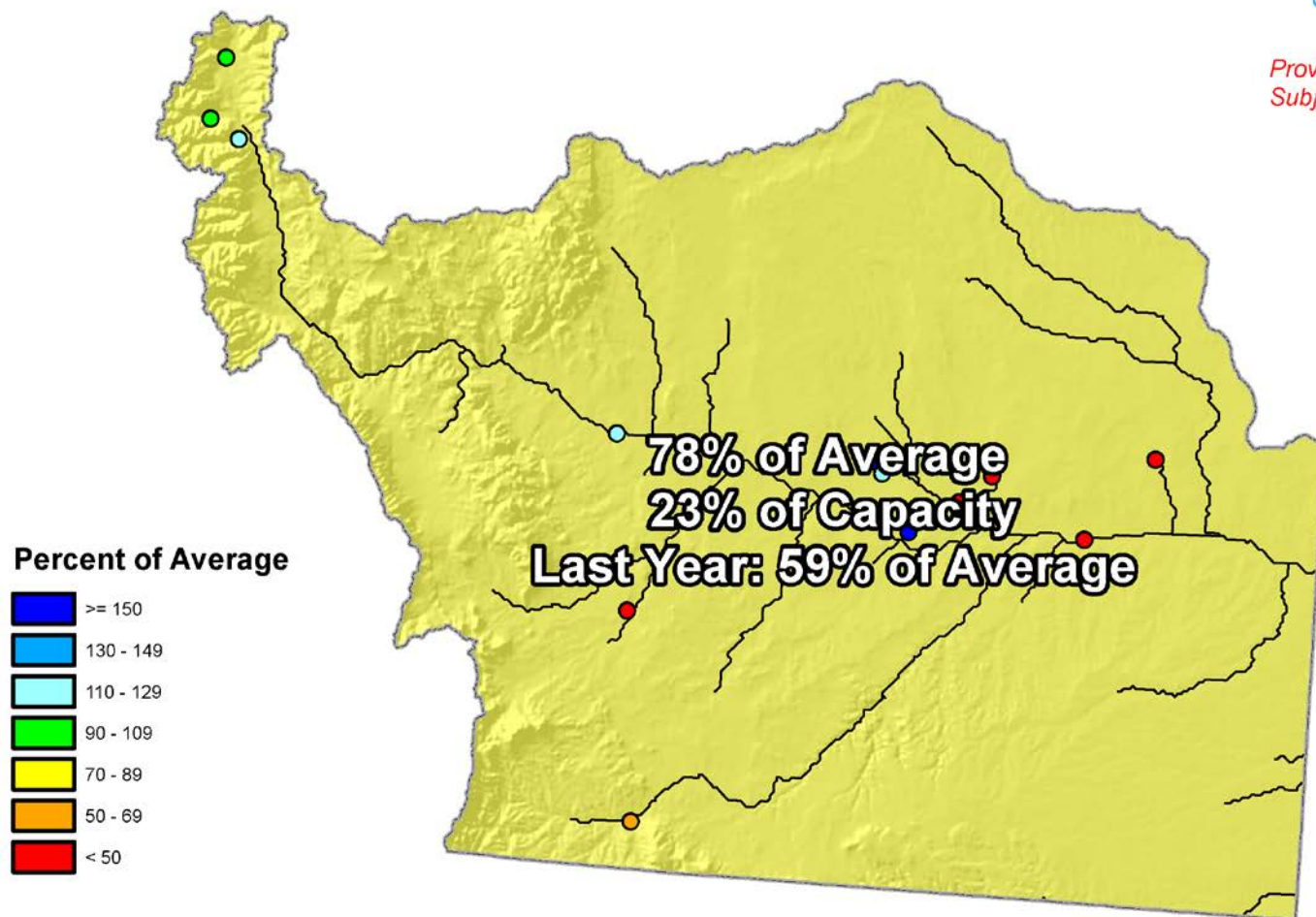
Based on Provisional SNOTEL data as of Nov 18, 2014



Arkansas River Basin Reservoir Storage Map



*Provisional Data
Subject to Revision*



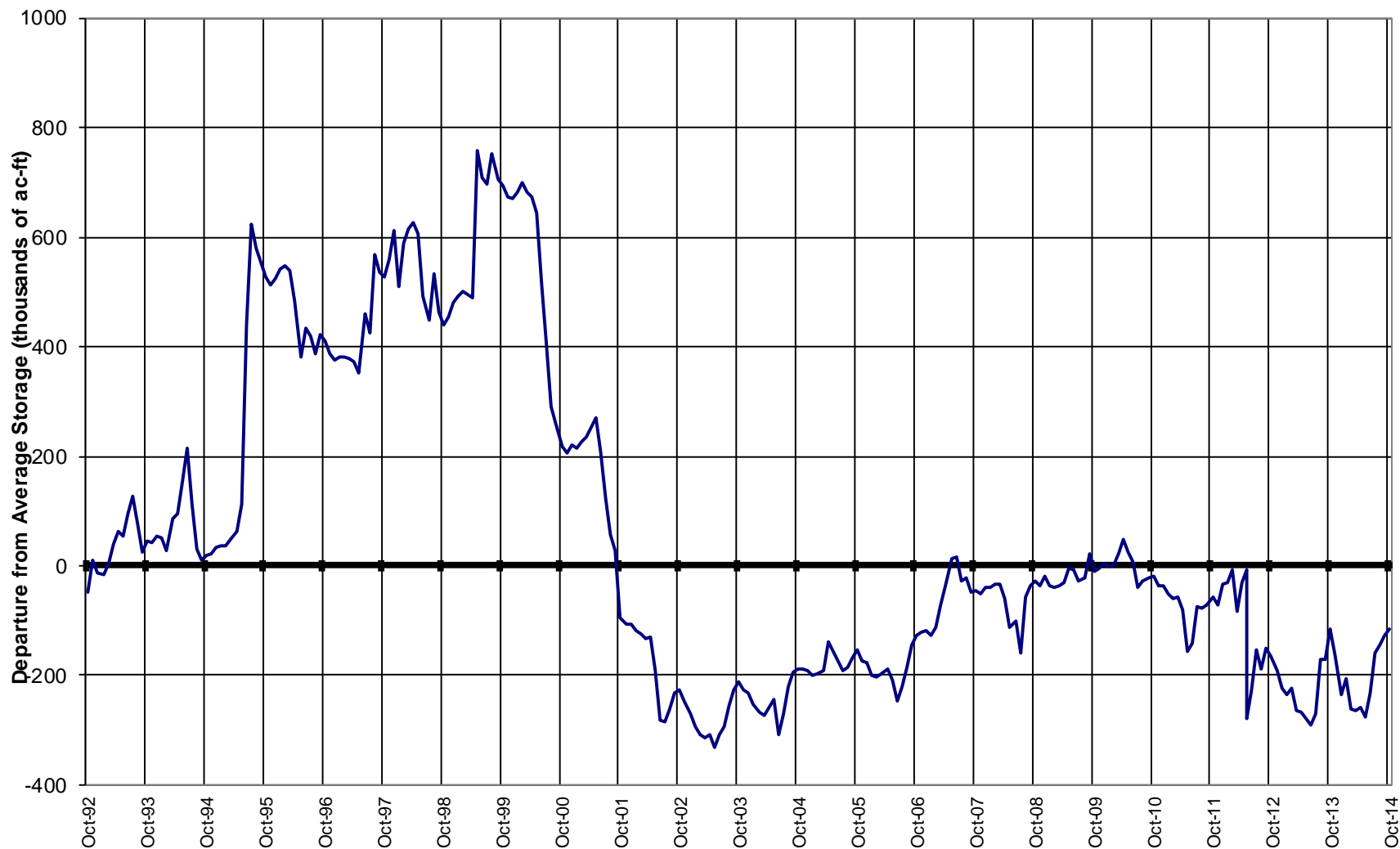
End of October 2014



ARKANSAS RIVER BASIN

Reservoir Storage

Departure from Average



Colorado Statewide Summary



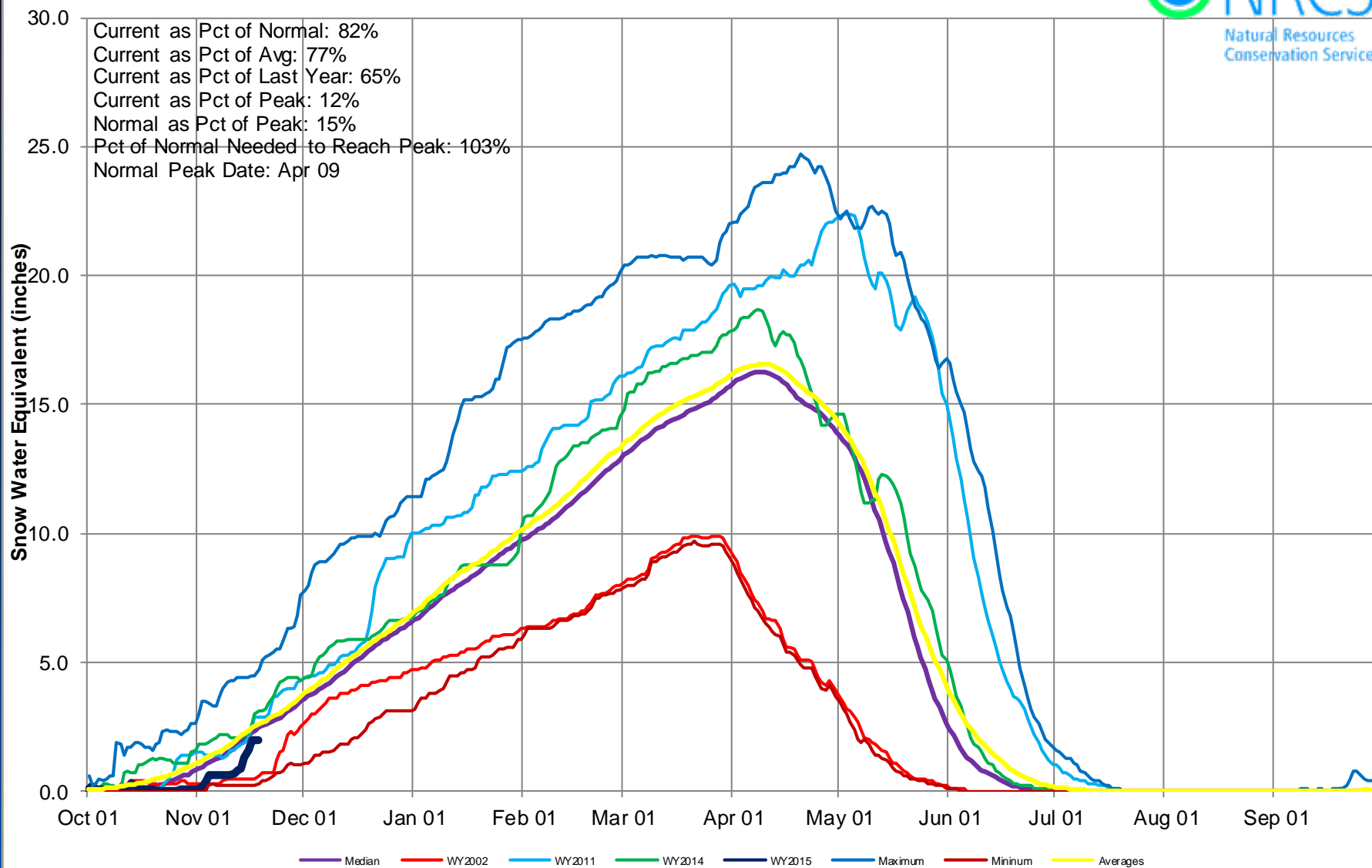


United States Department of Agriculture

Colorado Snow Surveys

Colorado Statewide High/Low Snowpack Summary

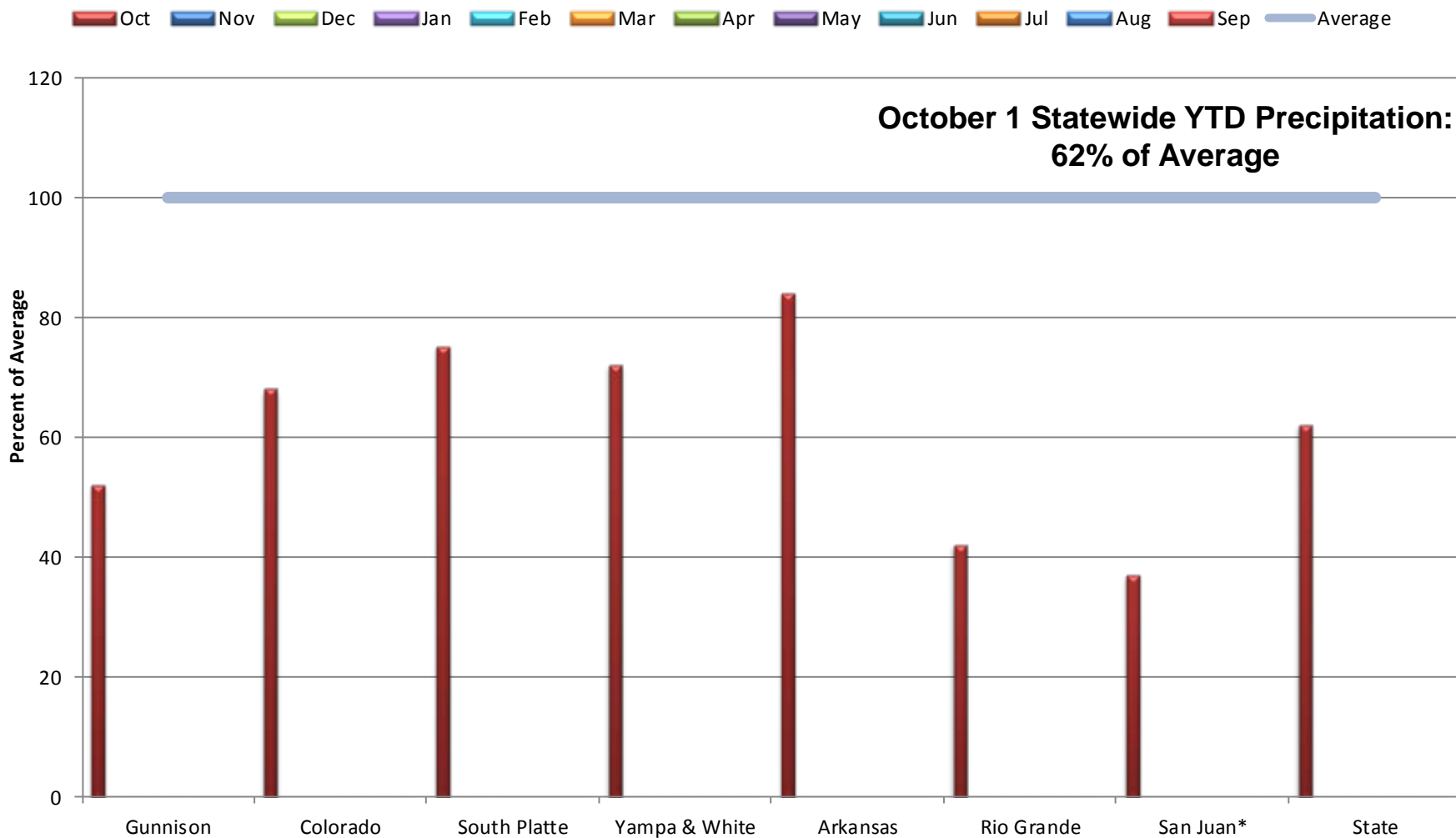
Based on Provisional SNOTEL data as of Nov 18, 2014





Colorado Monthly Precipitation Summary for WY2015

USDA Natural Resources Conservation Service



*Includes Animas, Dolores, San Miguel Basins

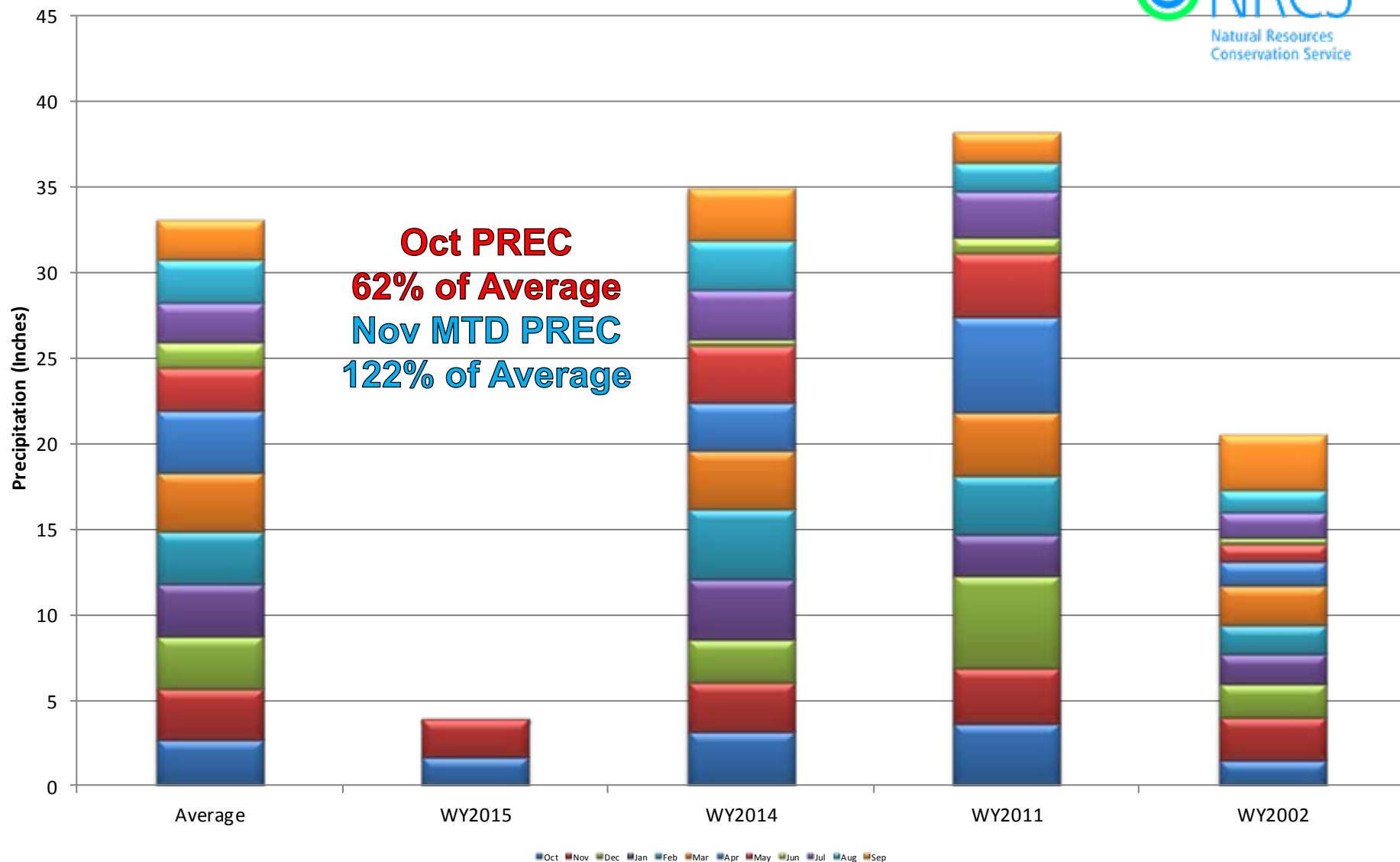


United States Department of Agriculture

Colorado Snow Surveys

Colorado Statewide High/Low Monthly Precipitation Summary

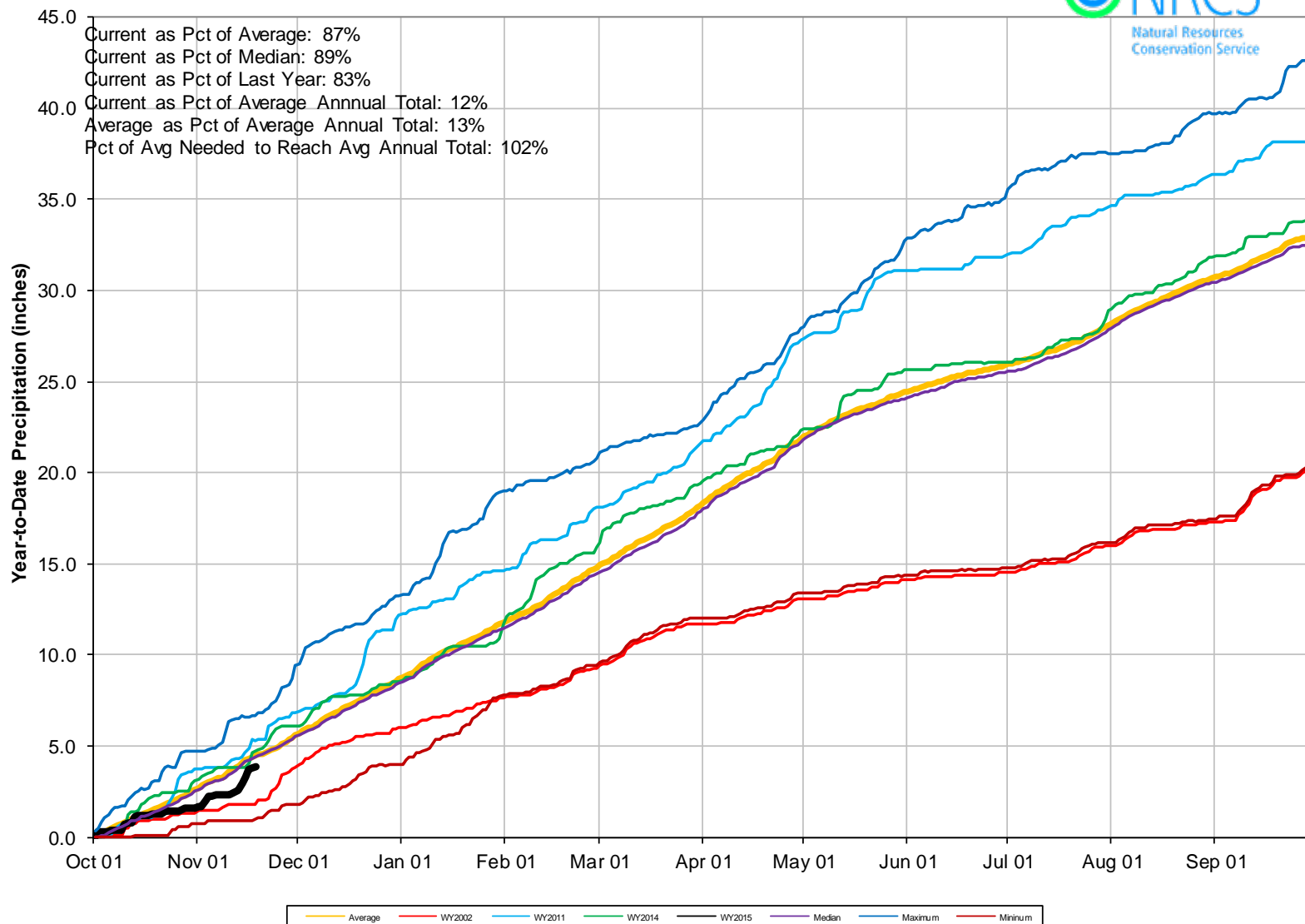
Based on Provisional SNOTEL data as of Nov 18, 2014





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

Based on Provisional SNOTEL data as of Nov 18, 2014

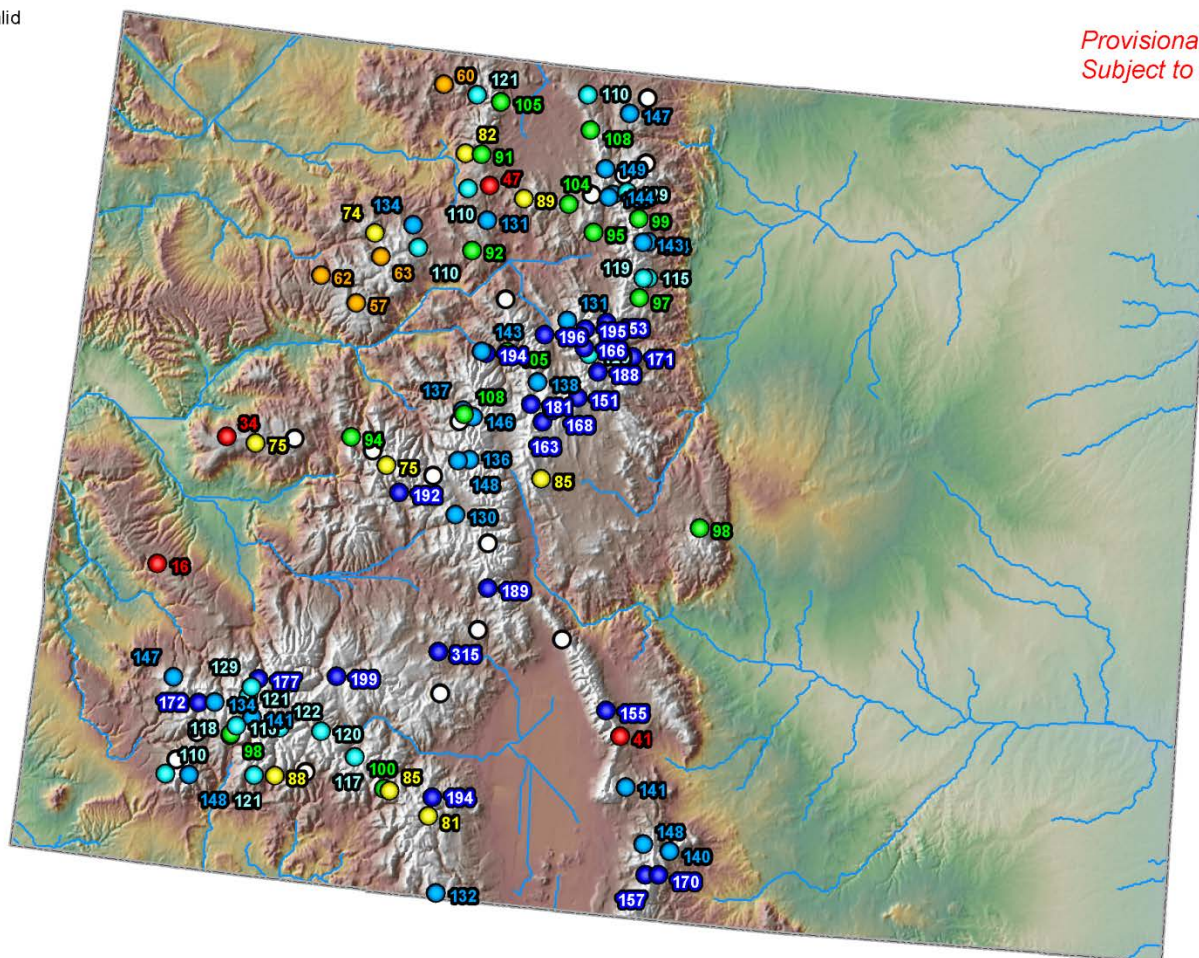


Colorado SNOTEL Month-to-Date Precipitation

Percent of Average

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

*Provisional Data
Subject to Revision*

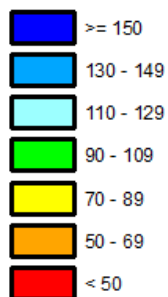


Current as of 11 18, 2014

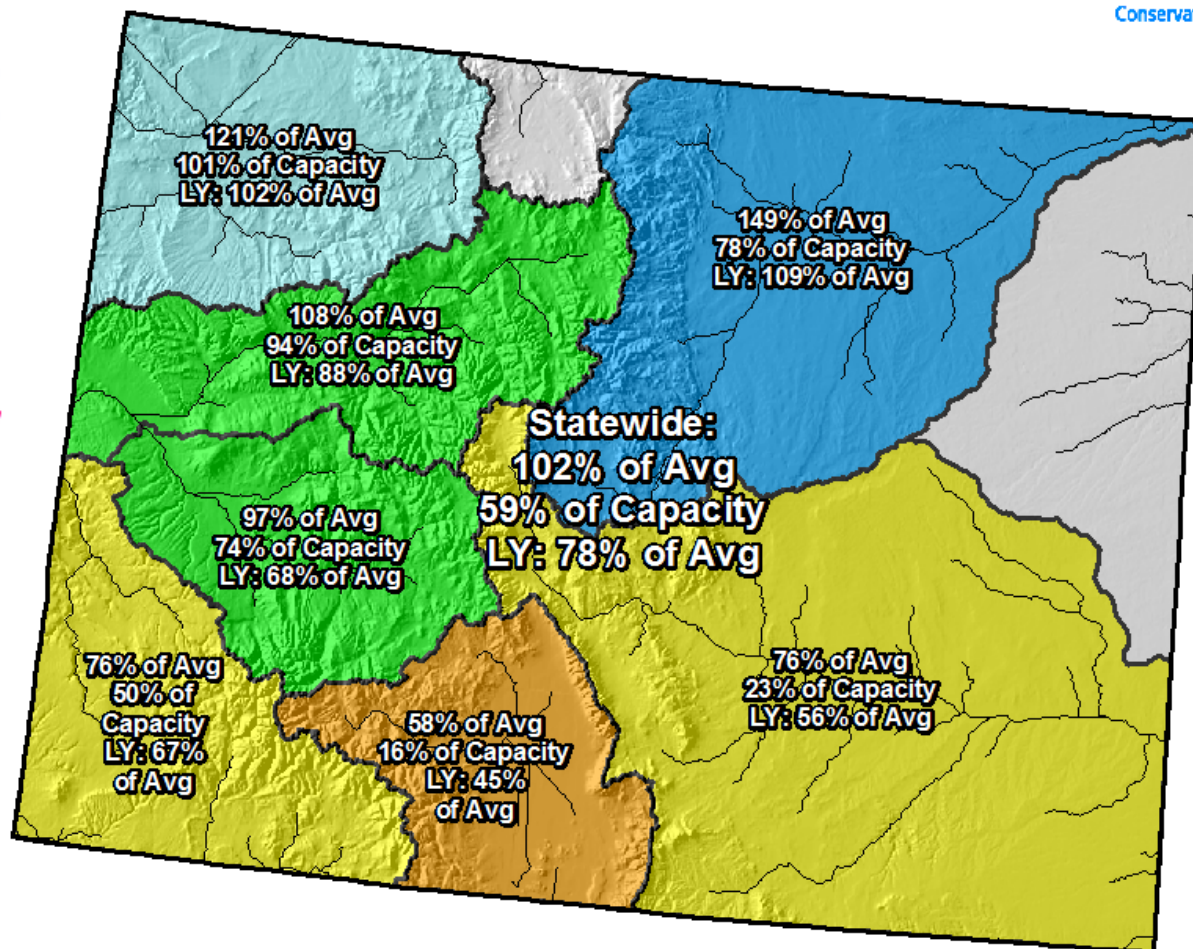
Colorado Reservoir Storage Map



Percent of Average



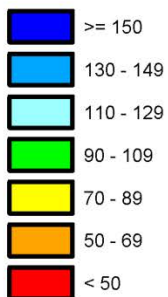
*Provisional Data
Subject to Revision*



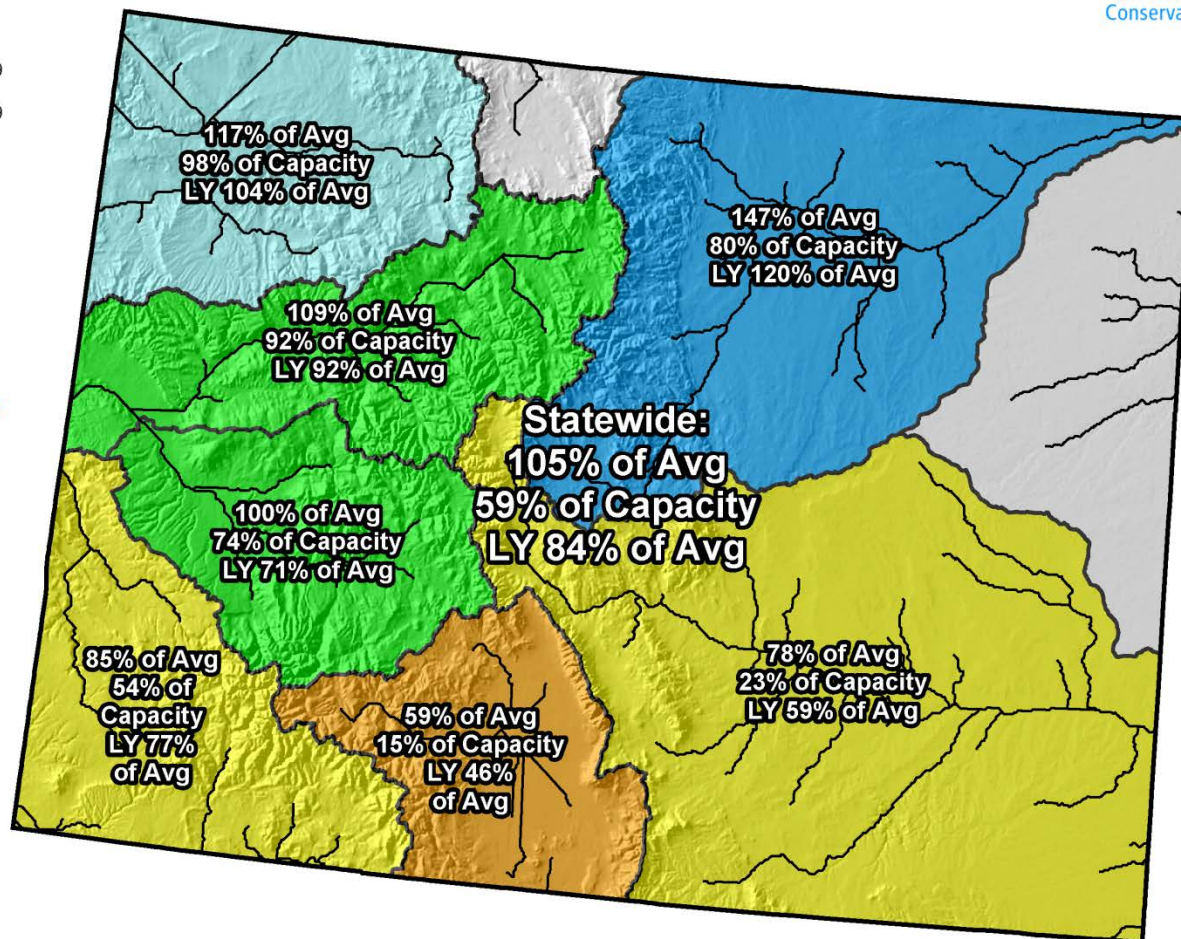
End of September 2014

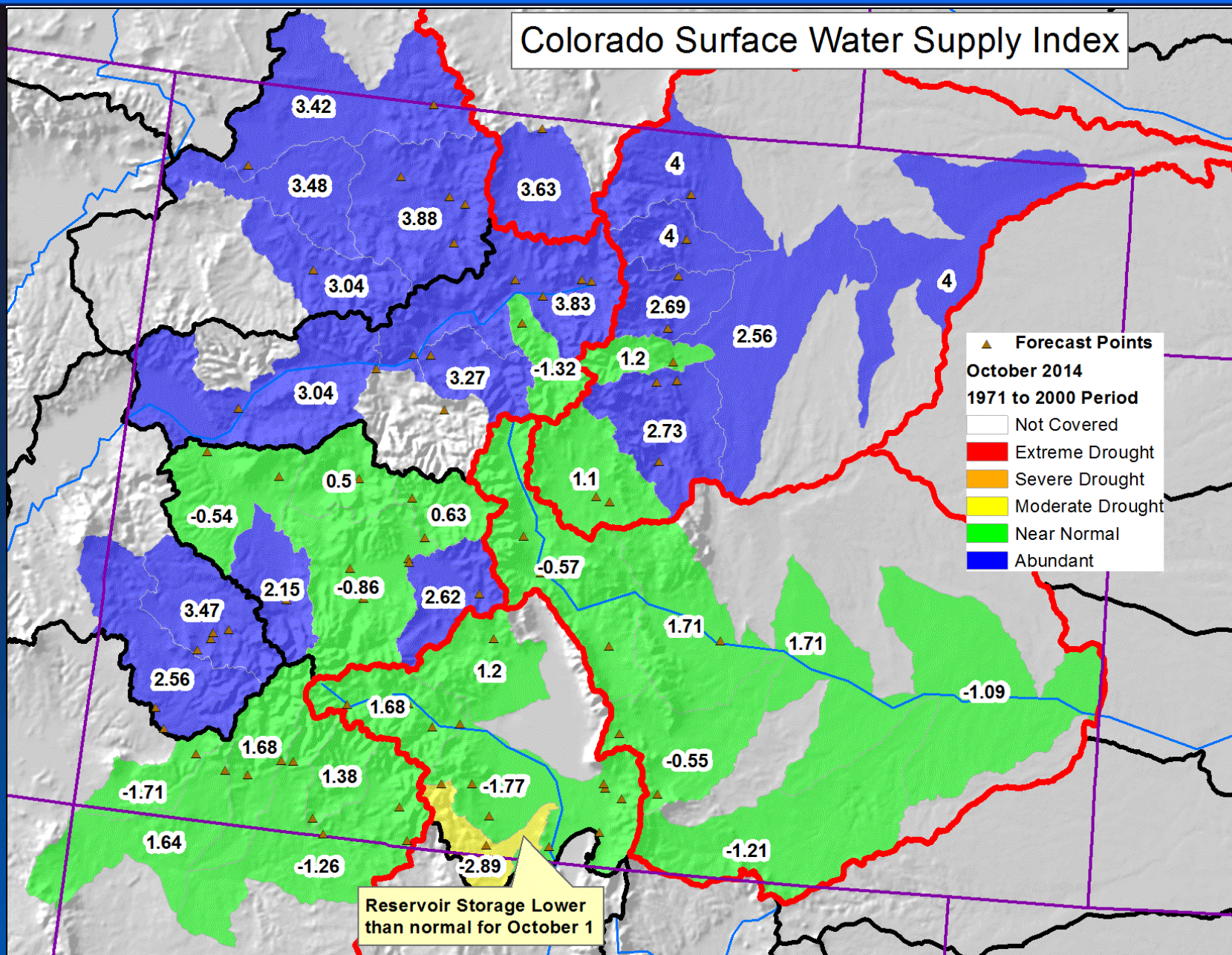
Colorado Reservoir Storage Map

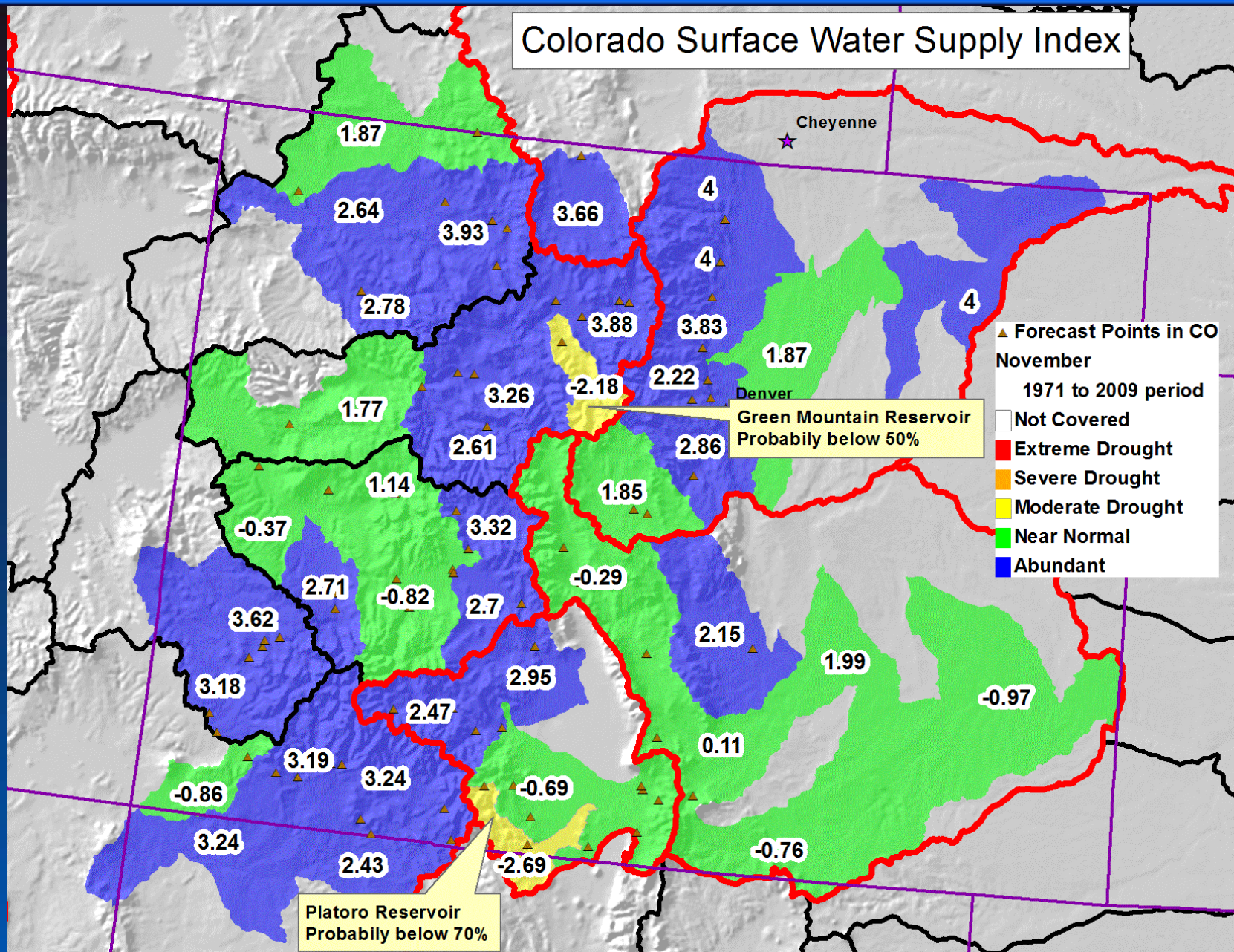
Percent of Average



*Provisional Data
Subject to Revision*







Summary

- **Ended 2014 Water Year with normal snowpack, precipitation and reservoir totals.**
- **October was dry across the state with no basins reporting normal or near normal precipitation. Statewide prec was 62% average.**
- **Storms in November have been very beneficial, nearly all major basins reported precipitation totals so far this month to be well above normal. The exception was the Yampa / White at 95% avg.**
- **SWSI values reflect good reservoir storage and base flows across the state. Green Mountain reservoir dropped 25KAF in the last month and Platoro storage is low compared to historic values.**