



United States Department of Agriculture

Colorado Snow Surveys

Water Availability Task Force Meeting

September 23rd, 2015

NRCS Snow Survey and Water Supply Forecasting Program

Brian Domonkos

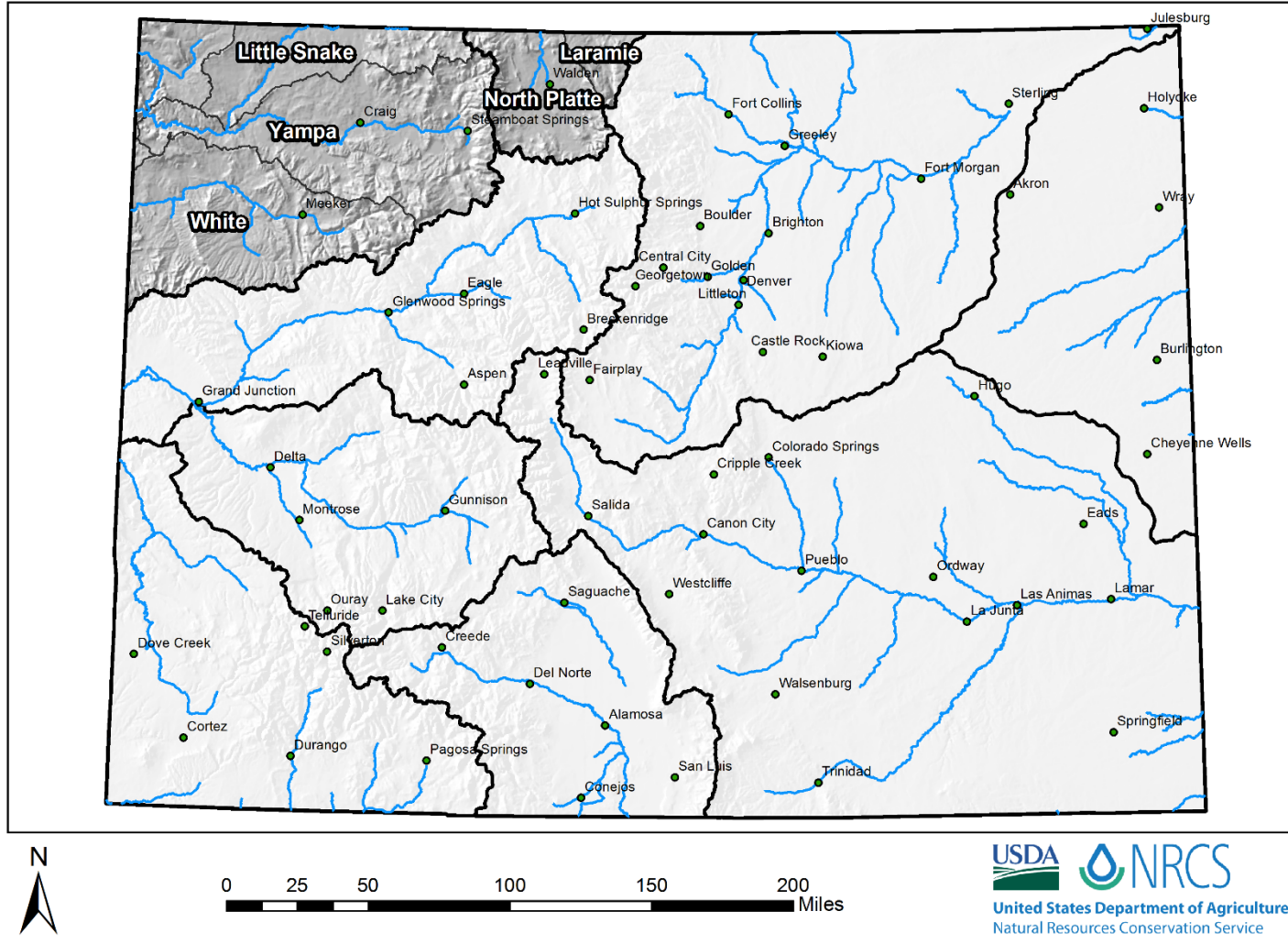
Colorado Data Collection Officer

720-544-2852

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

Major Basin Summary

Yampa, White, and North Platte River Basins



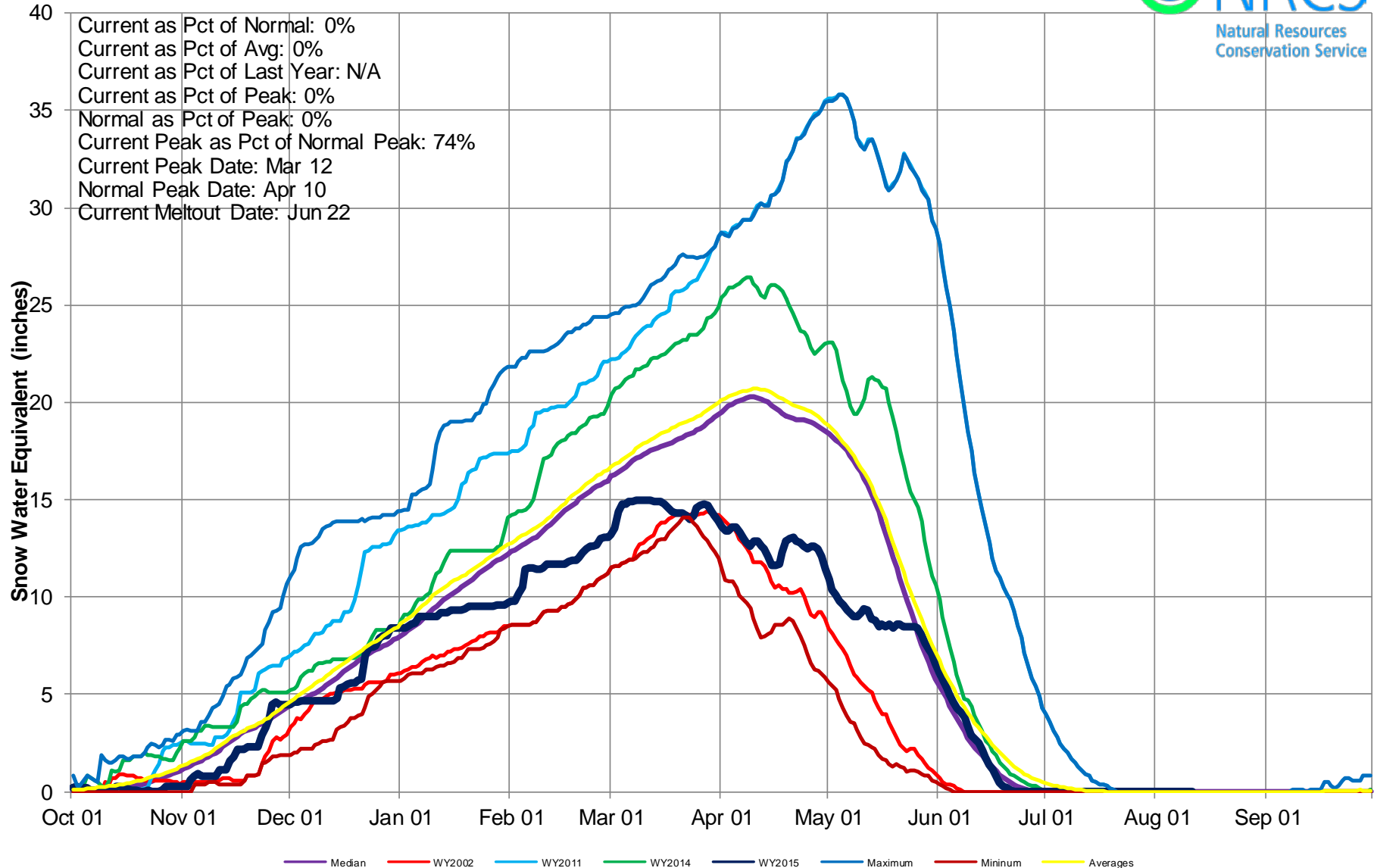


United States Department of Agriculture

Colorado Snow Surveys

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

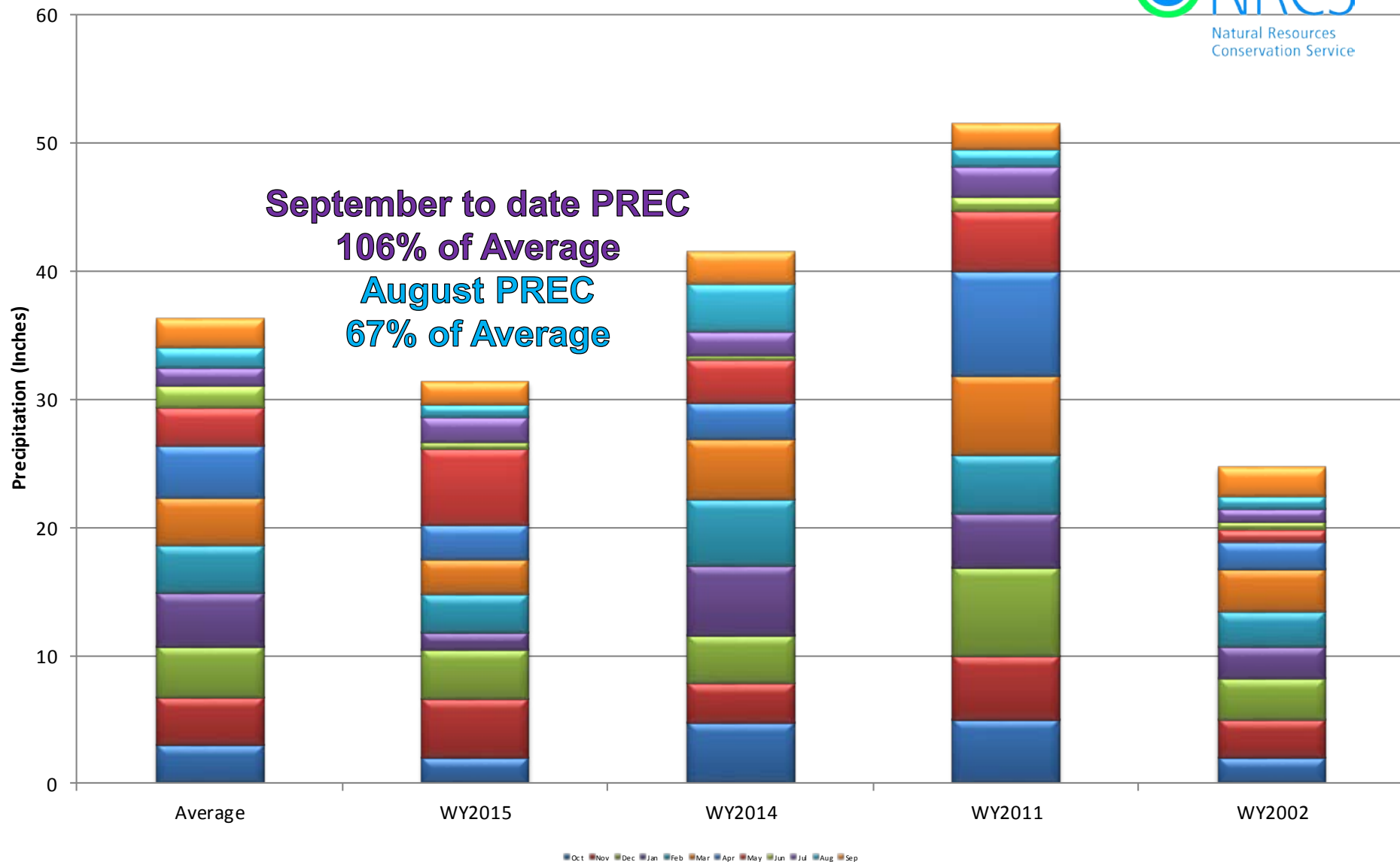
Based on Provisional SNOTEL data as of Aug 11, 2015





Yampa & White River Basins High/Low Monthly Precipitation Summary

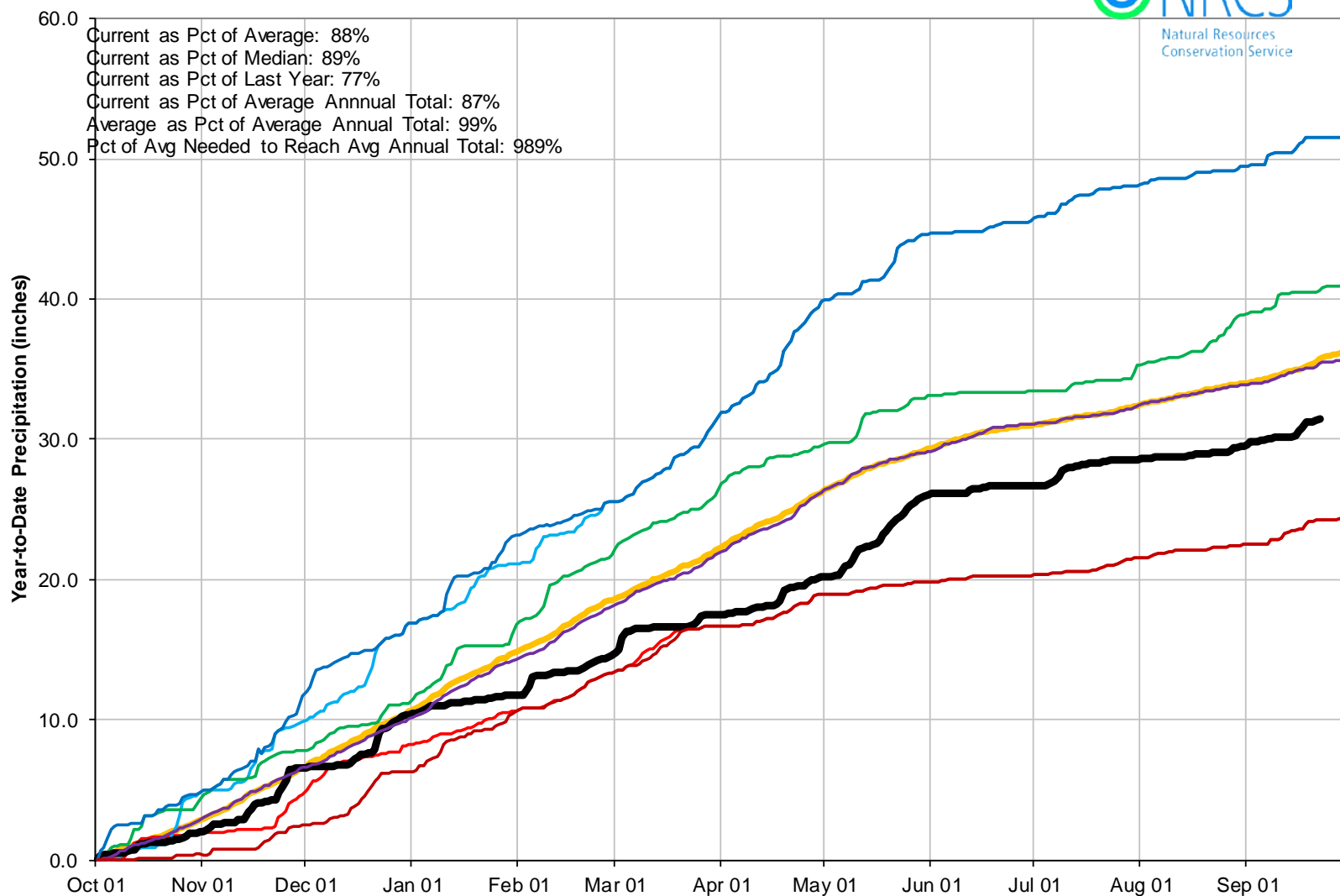
Based on Provisional SNOTEL data as of Sep 22, 2015





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

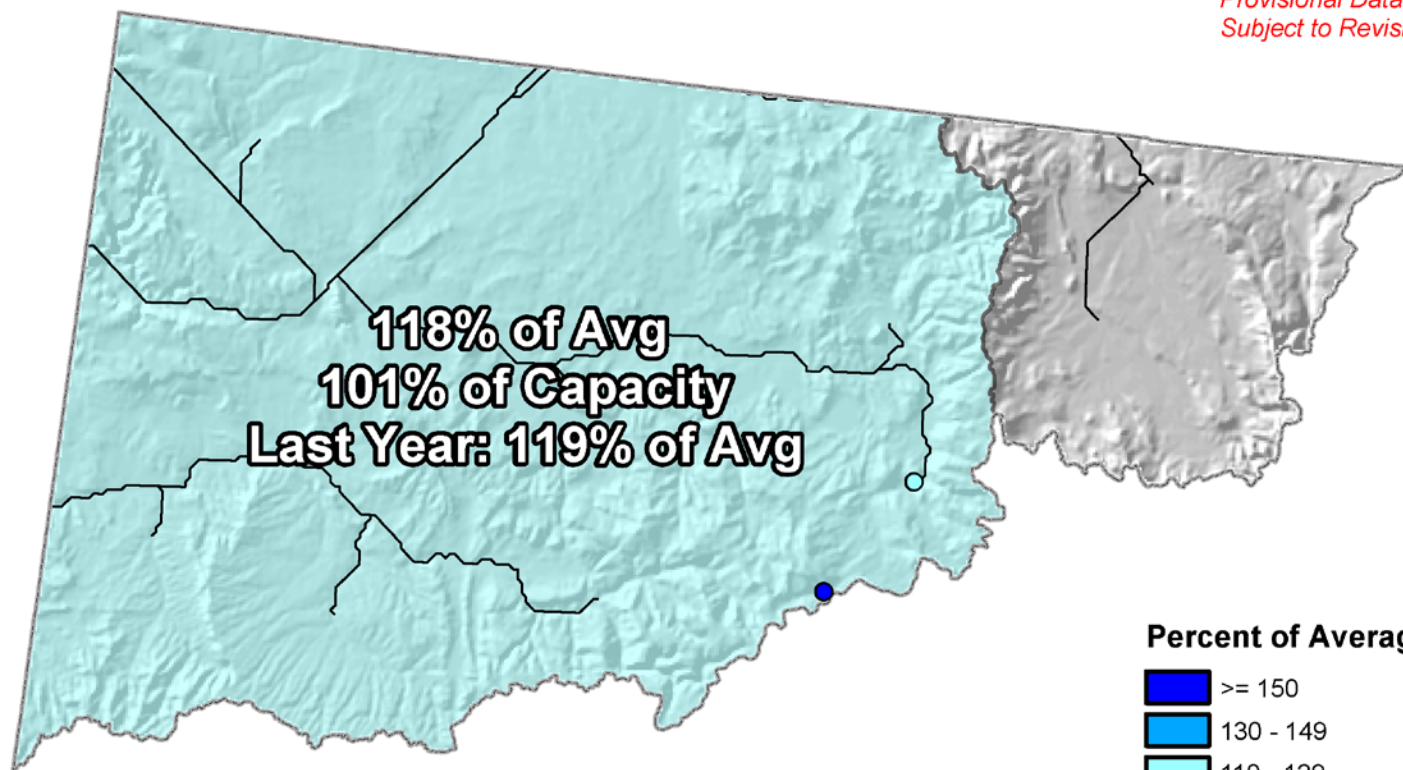
Based on Provisional SNOTEL data as of Sep 22, 2015



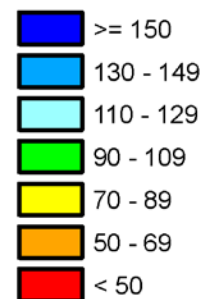
Yampa & White River Basins Reservoir Storage Map



*Provisional Data
Subject to Revision*

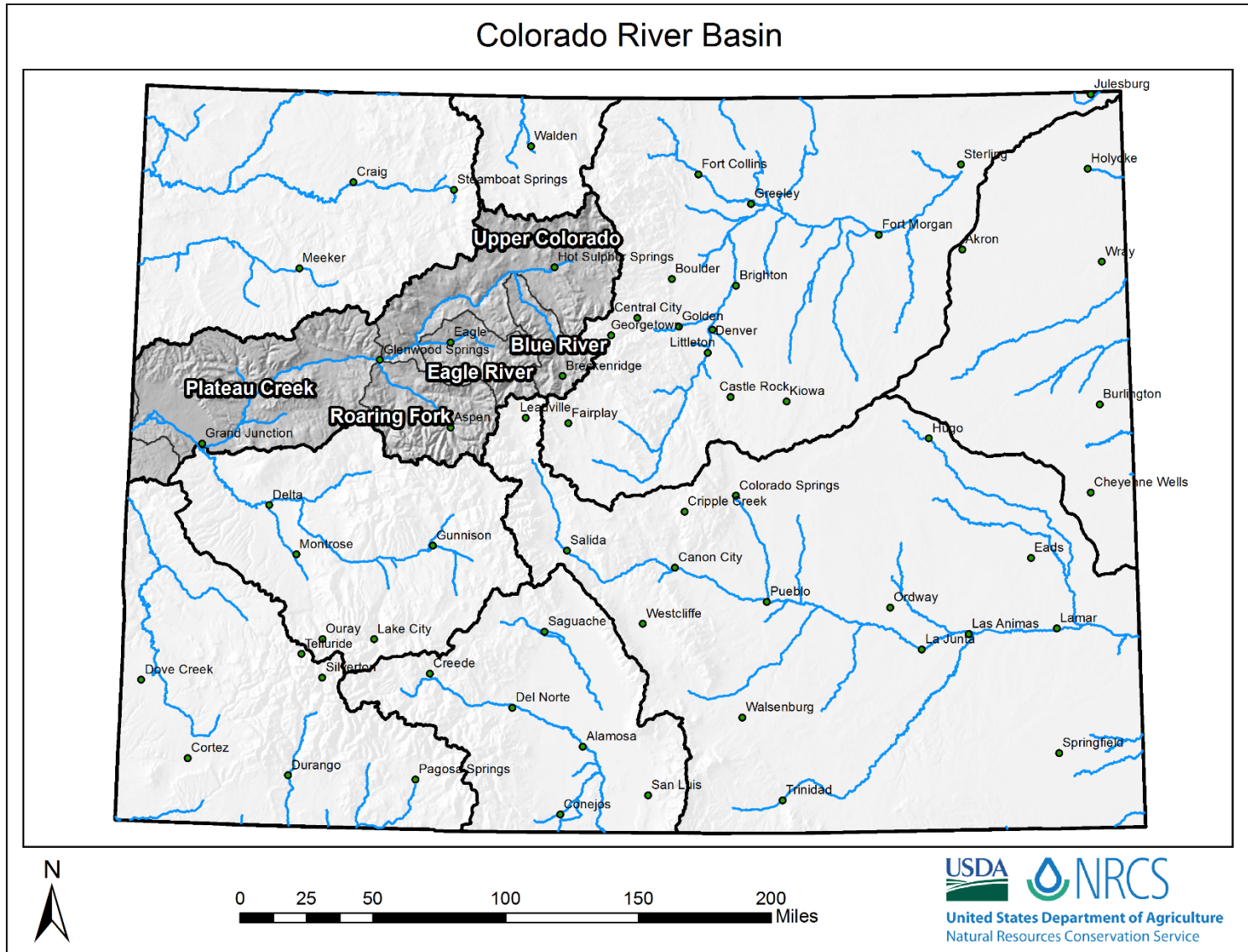


Percent of Average



End of August 2015

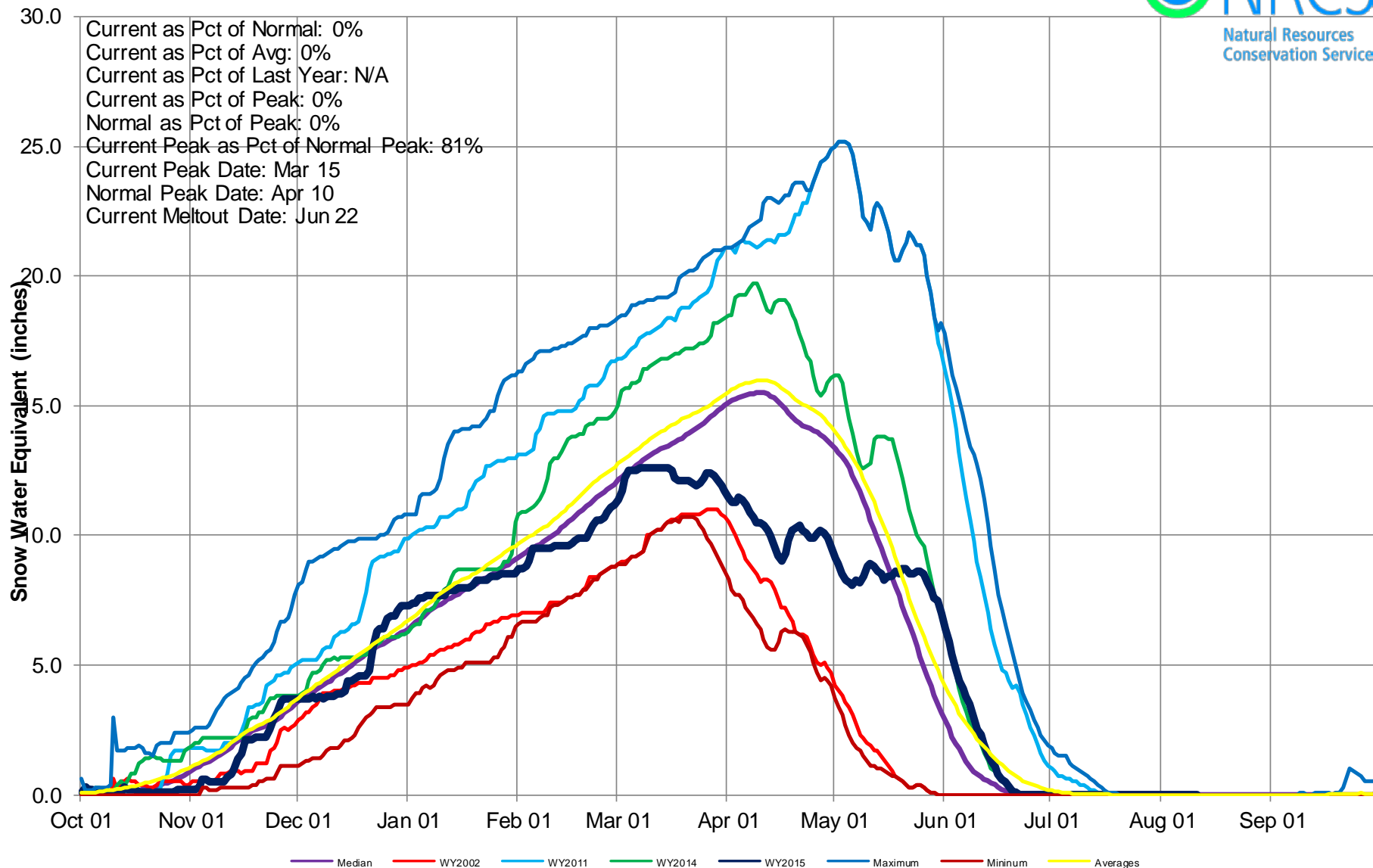
Major Basin Summary





Upper Colorado River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Aug 11, 2015





Upper Colorado River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015



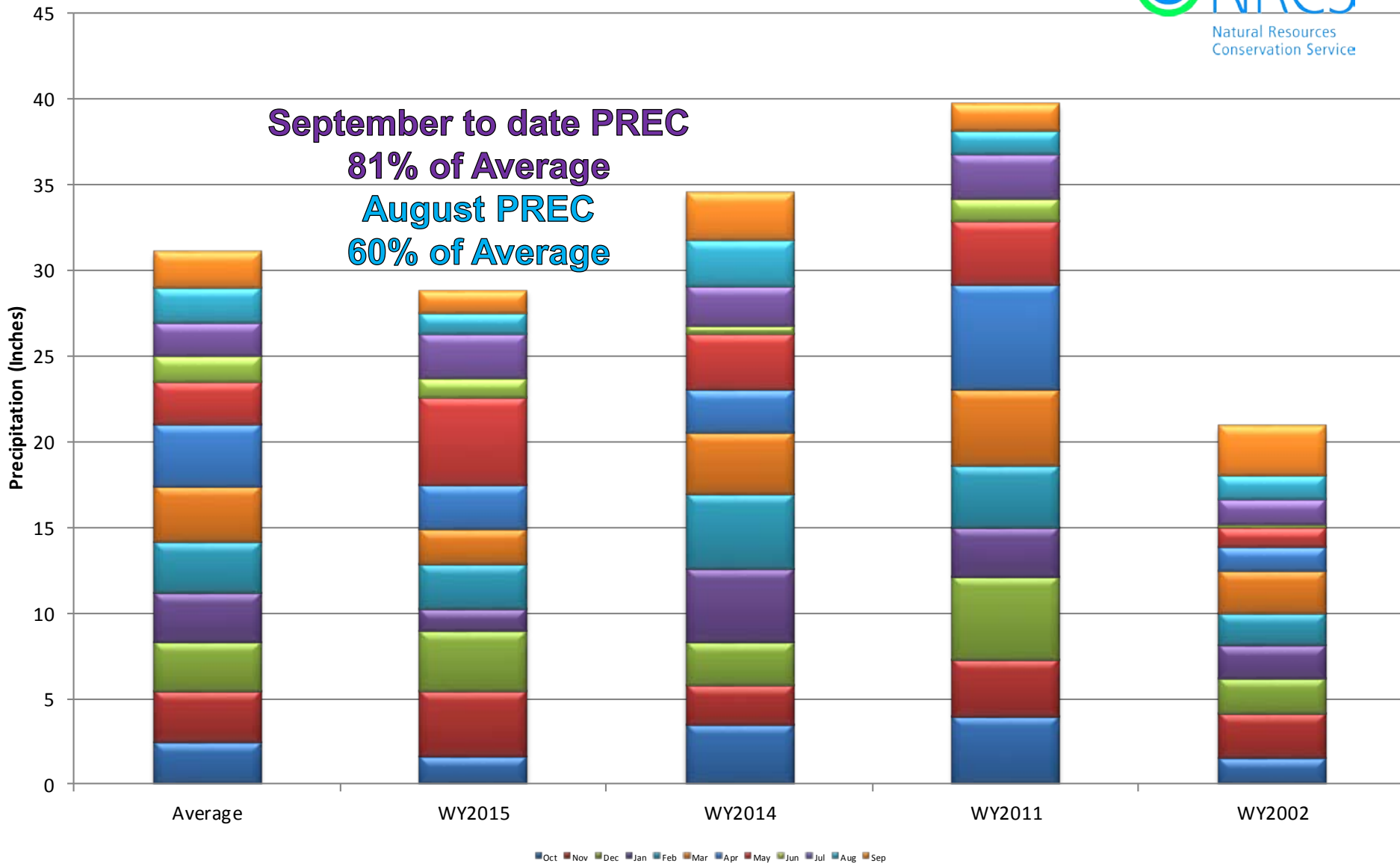
Natural Resources
Conservation Service

September to date PREC

81% of Average

August PREC

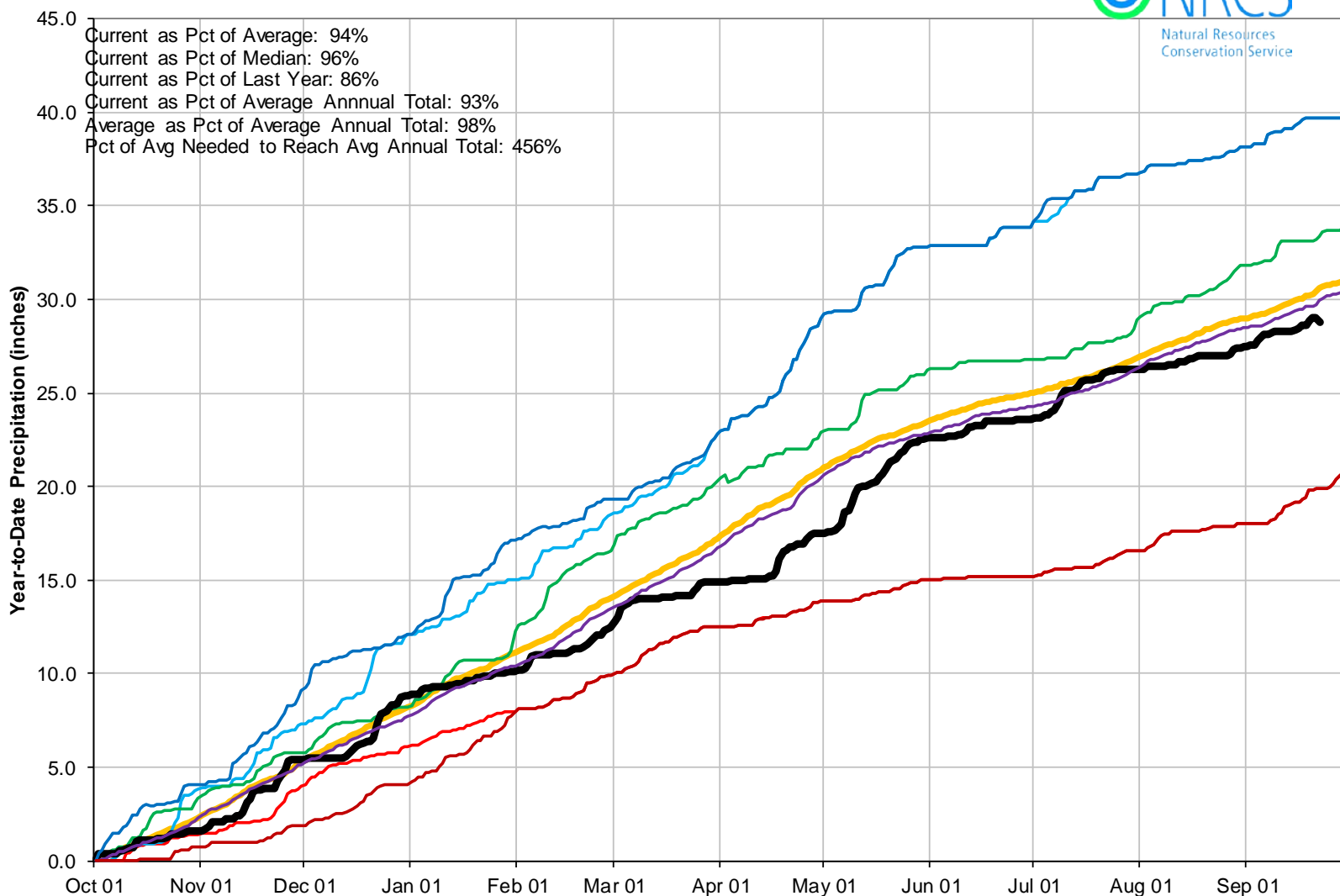
60% of Average





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

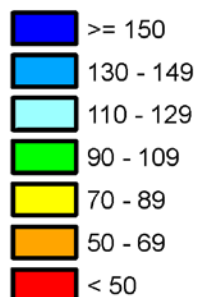
Based on Provisional SNOTEL data as of Sep 22, 2015



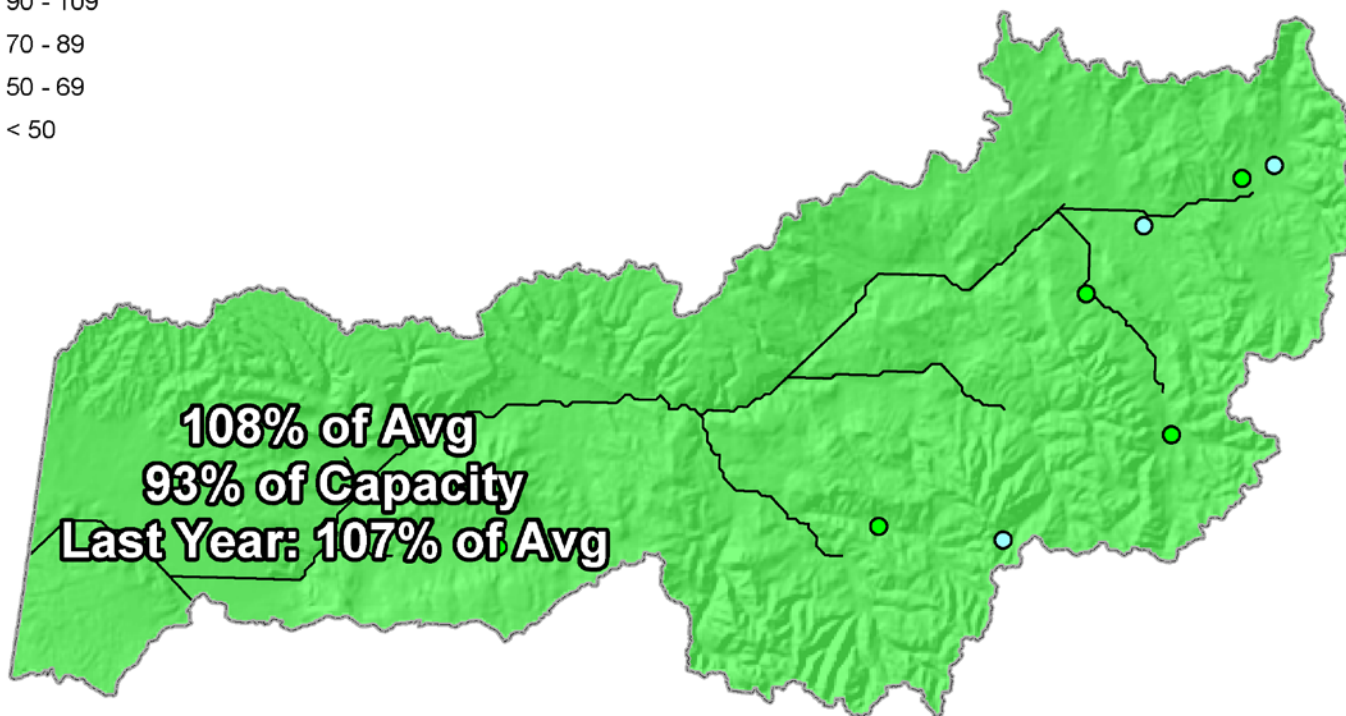
Colorado River Basin Reservoir Storage Map



Percent of Average



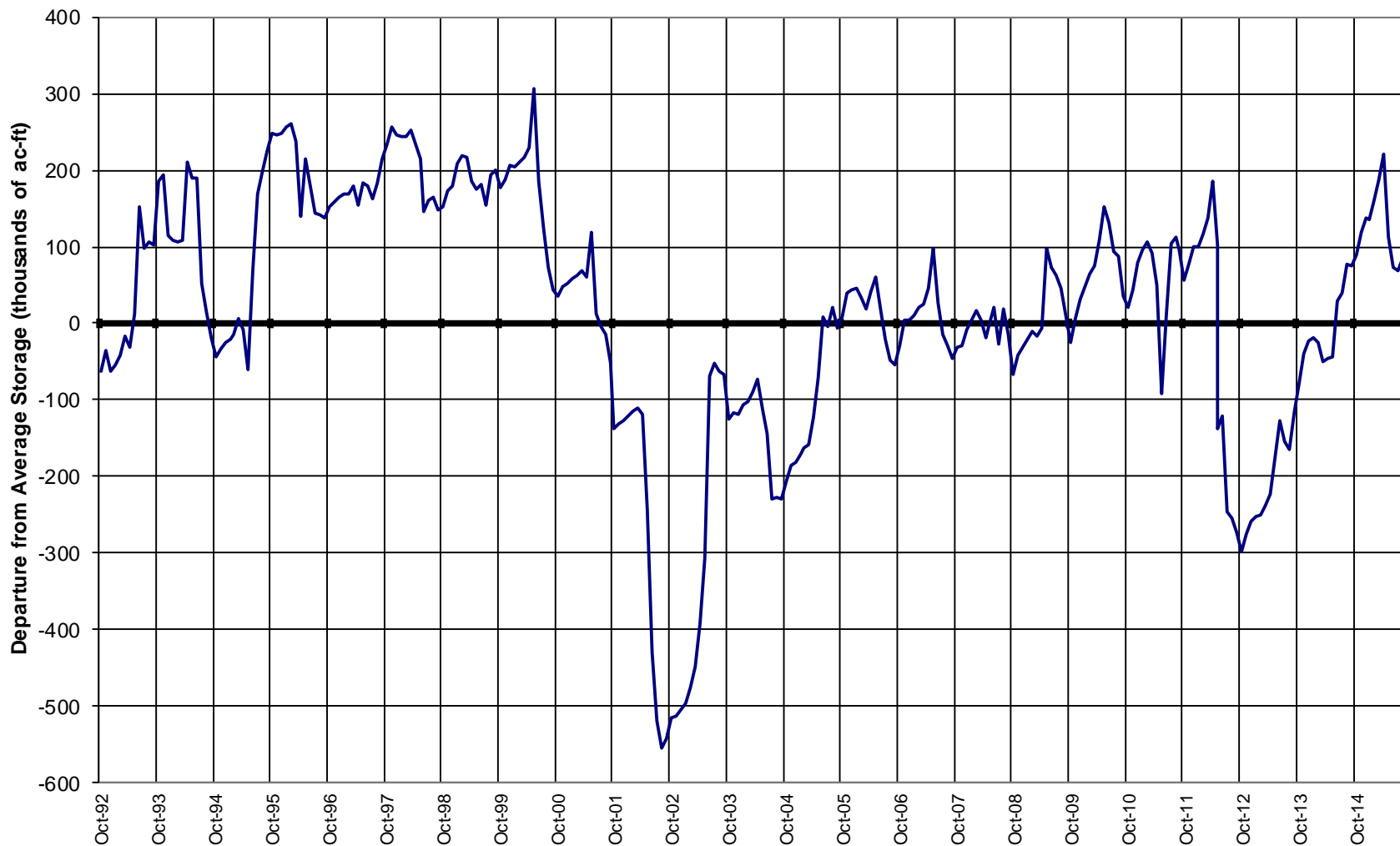
*Provisional Data
Subject to Revision*



End of August 2015



COLORADO RIVER BASIN Reservoir Storage Departure from Average



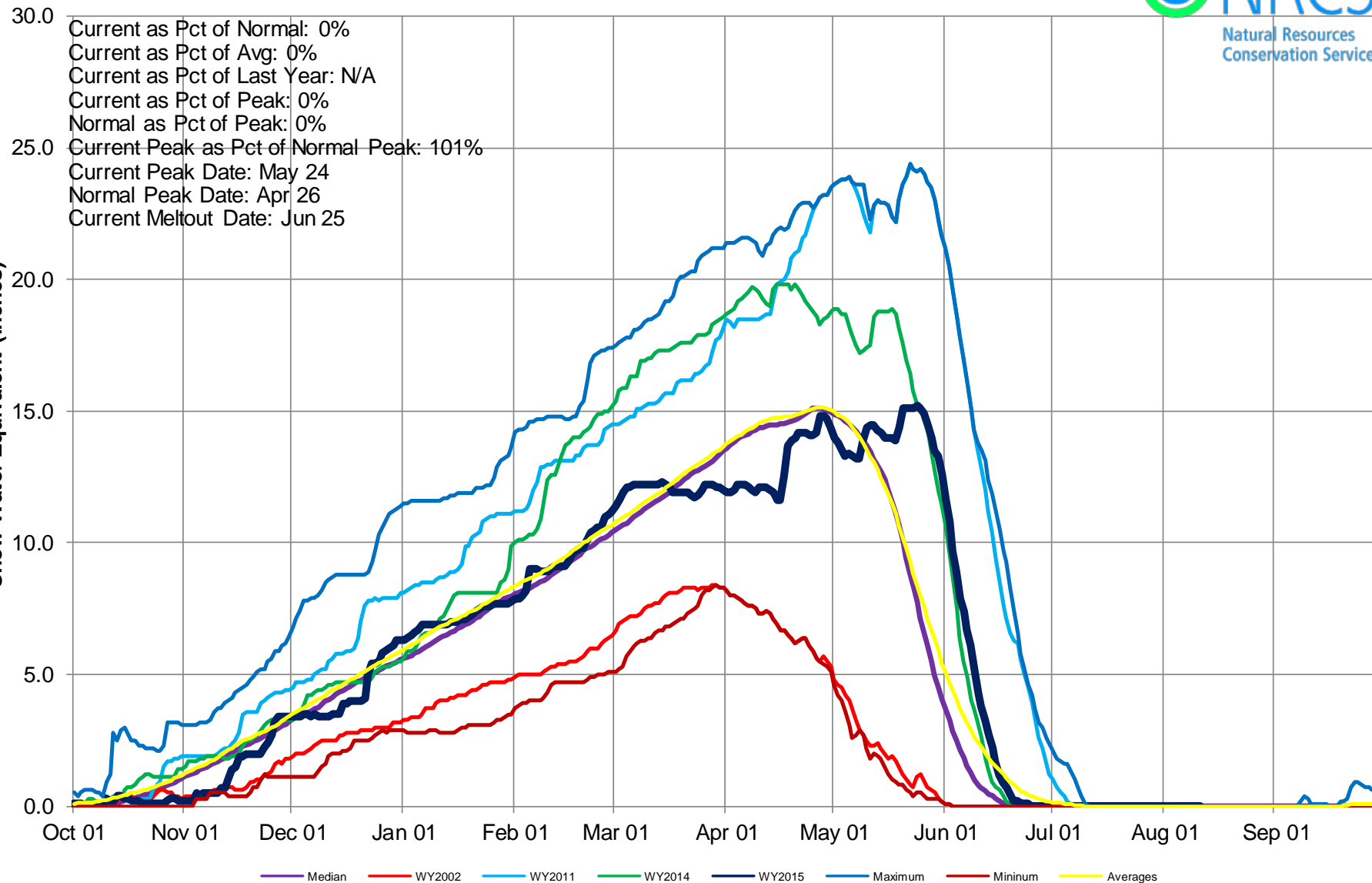
A map of Colorado showing its major river basins and cities. The basins are labeled in bold black text: Cache La Poudre, Big Thompson, Boulder-St Vrain, Clear Creek, and Upper South Platte. The map uses a light gray background for the state, with blue lines representing rivers and black lines for county boundaries. Major cities are marked with green dots and labeled. The map shows the distribution of water resources across the state, with the Upper South Platte basin being the largest and most central.



0 25 50 100 150 200 Miles

South Platte River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Aug 11, 2015





South Platte River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015

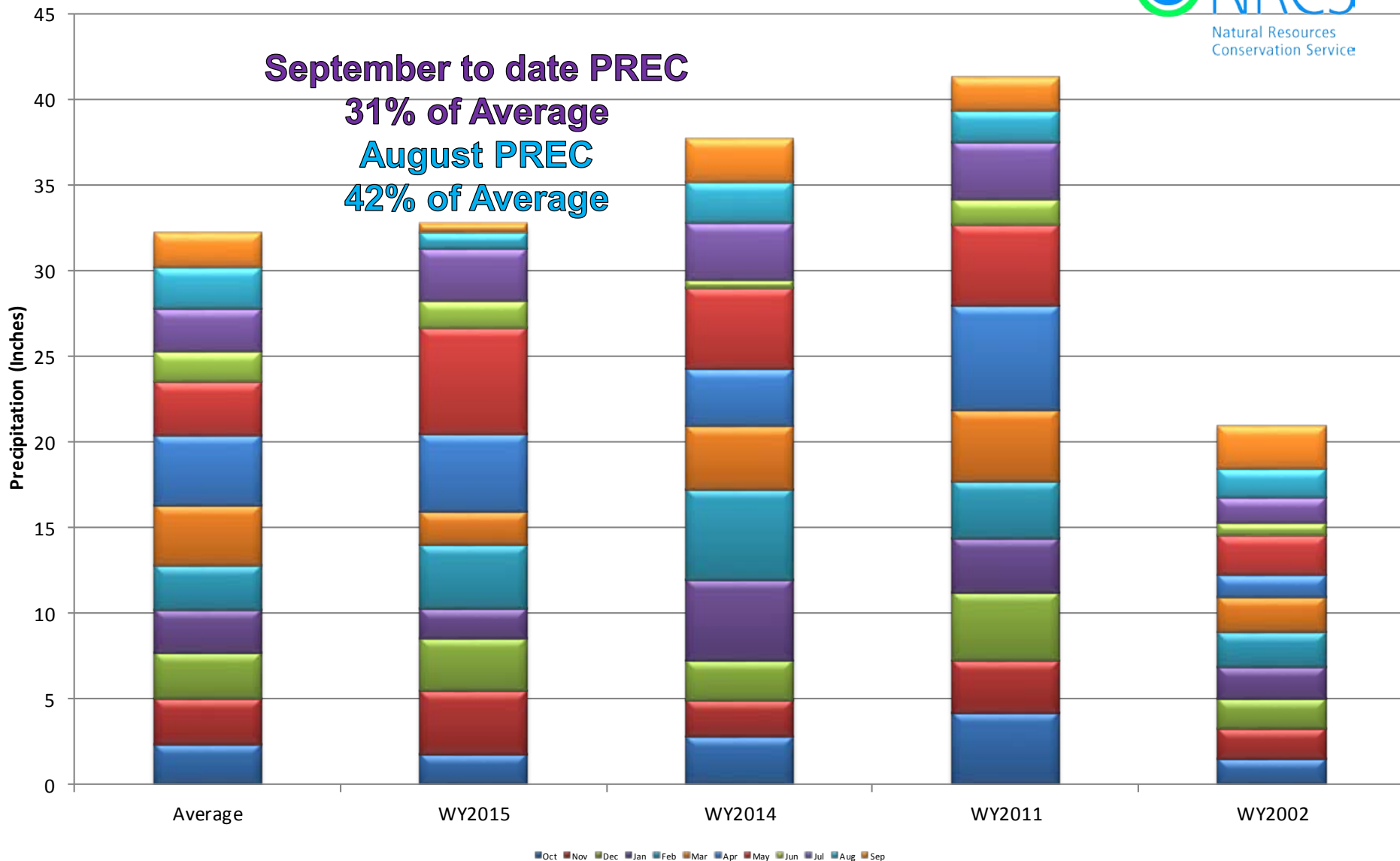


September to date PREC

31% of Average

August PREC

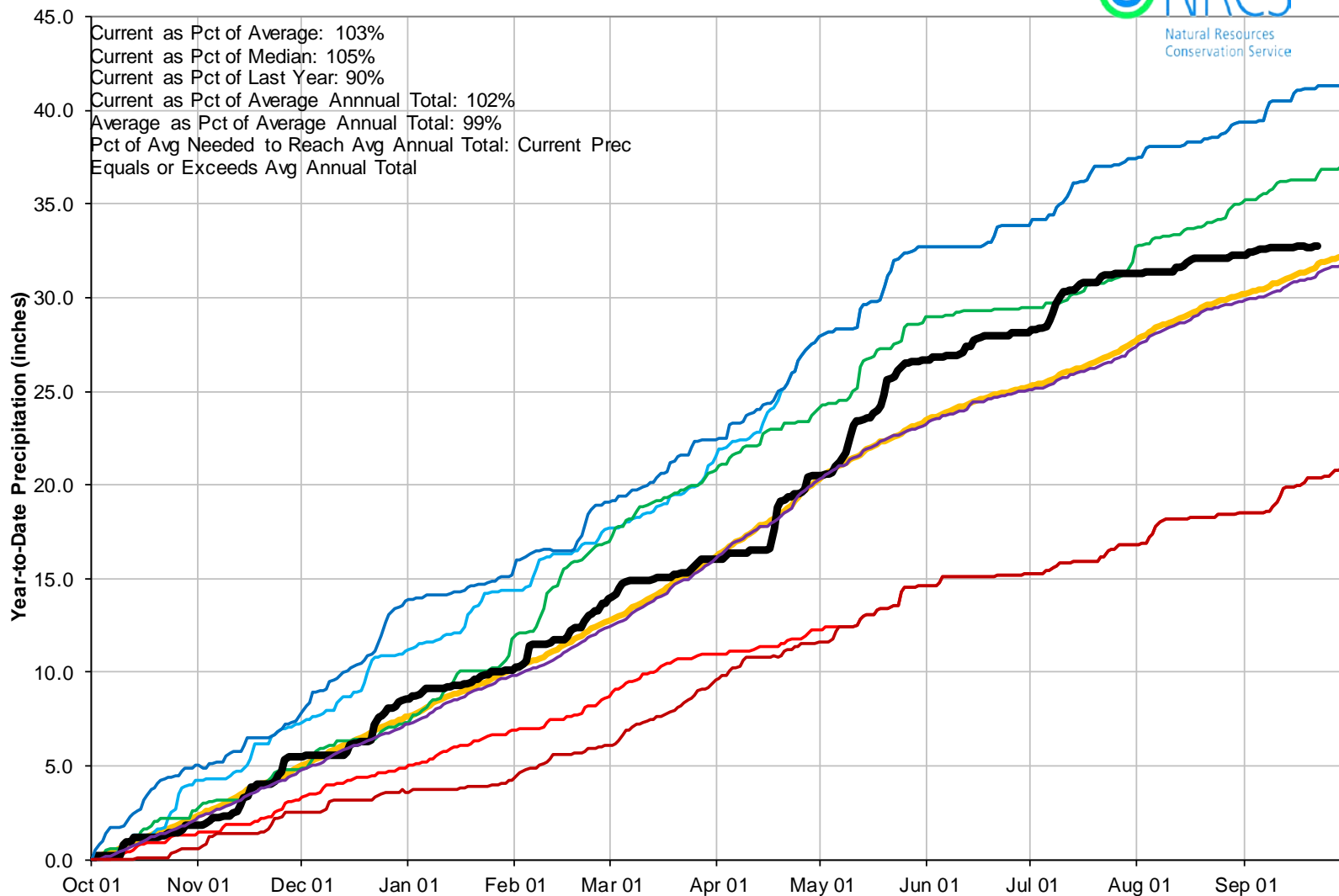
42% of Average





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

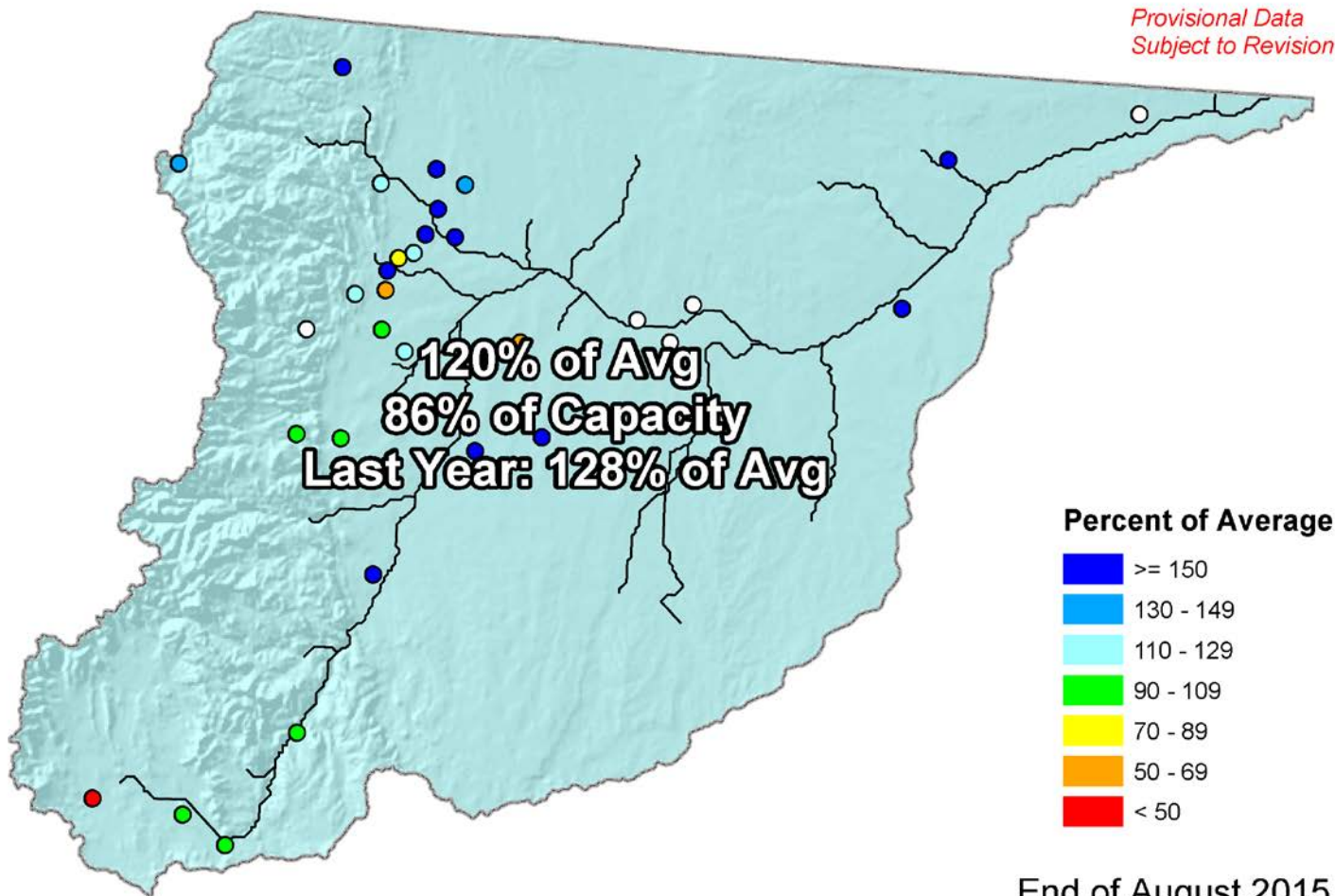
Based on Provisional SNOTEL data as of Sep 22, 2015



South Platte River Basin Reservoir Storage Map



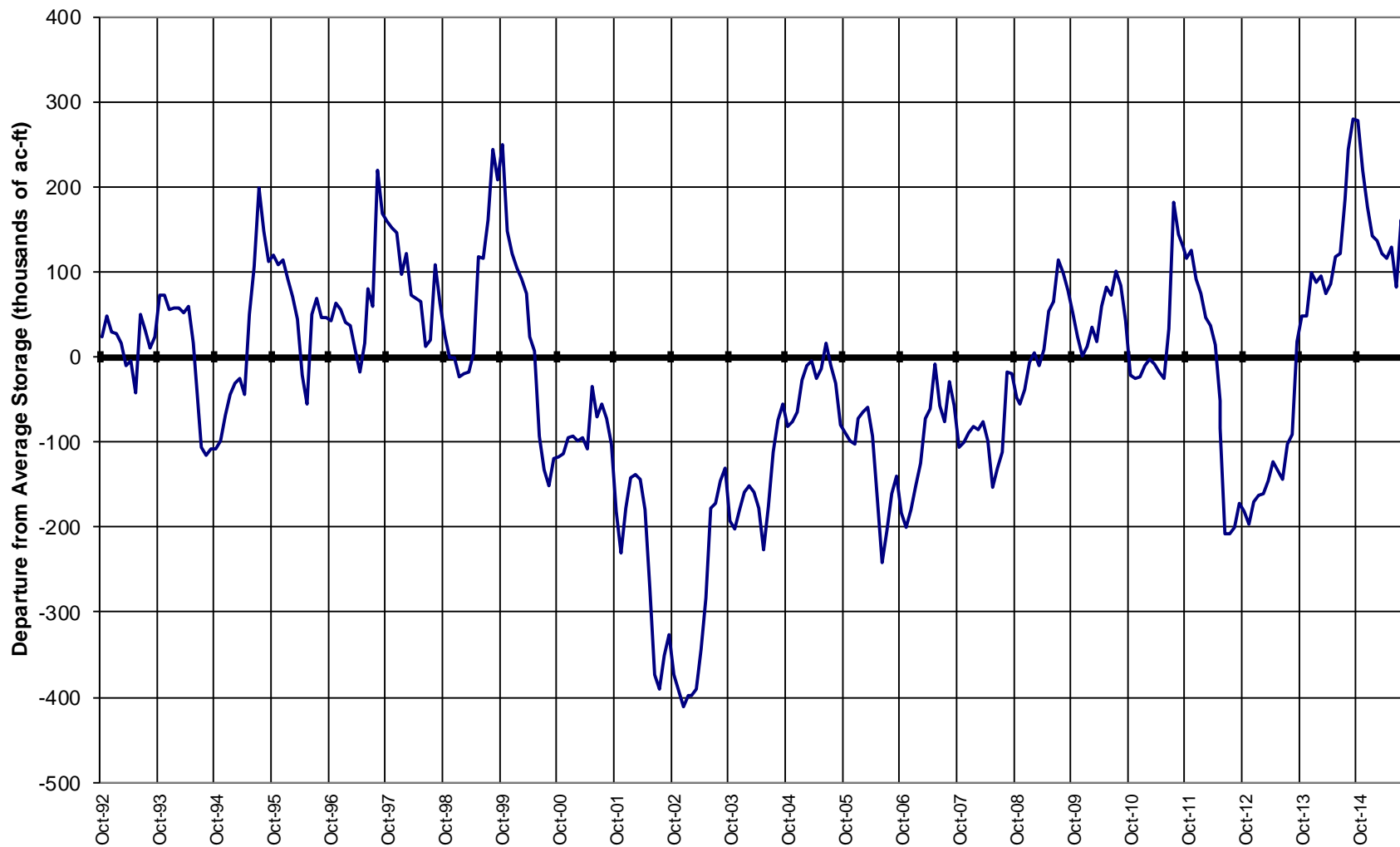
*Provisional Data
Subject to Revision*



End of August 2015

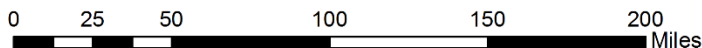
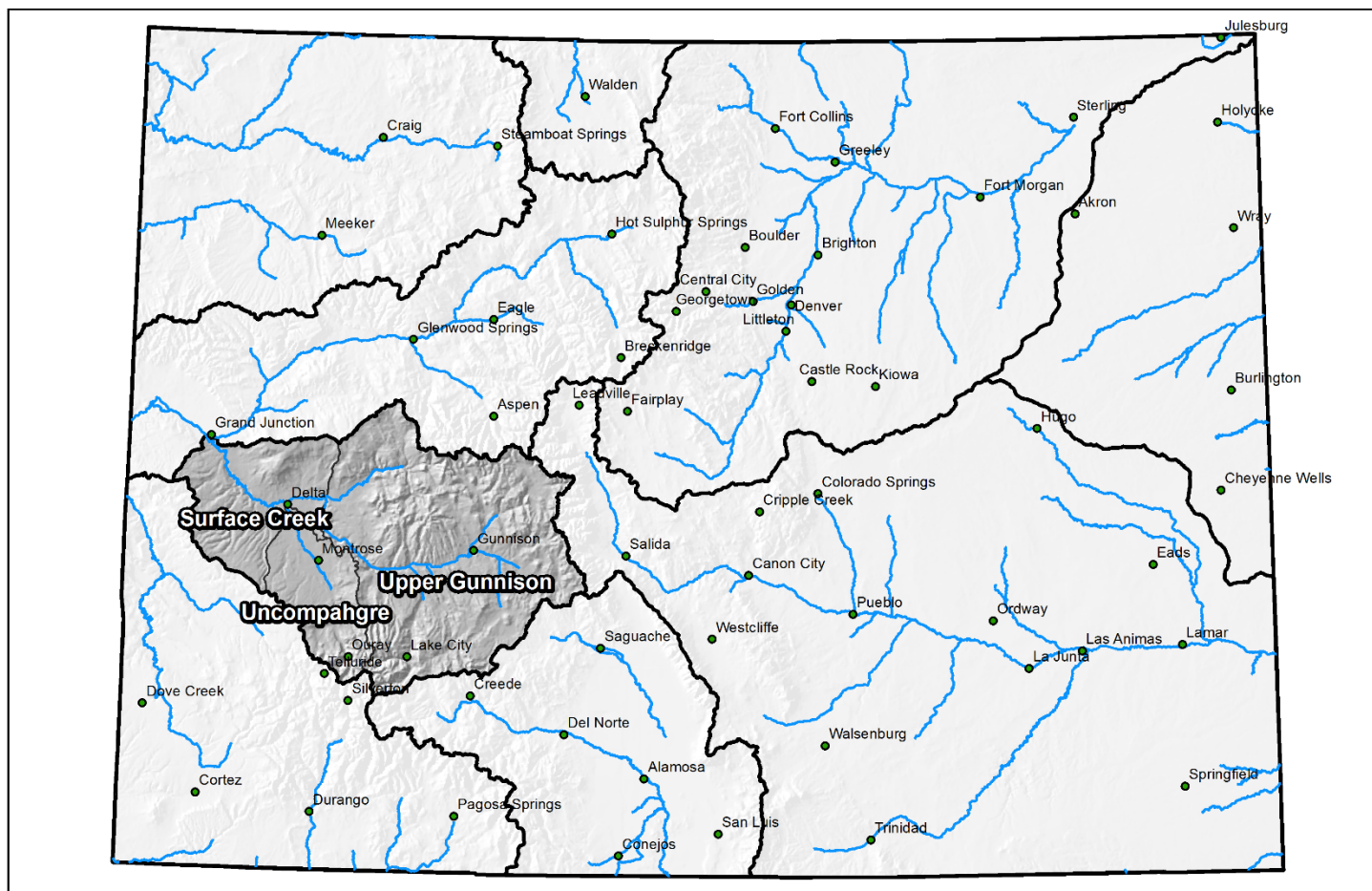


SOUTH PLATTE RIVER BASIN Reservoir Storage Departure from Average



Major Basin Summary

Gunnison River Basin



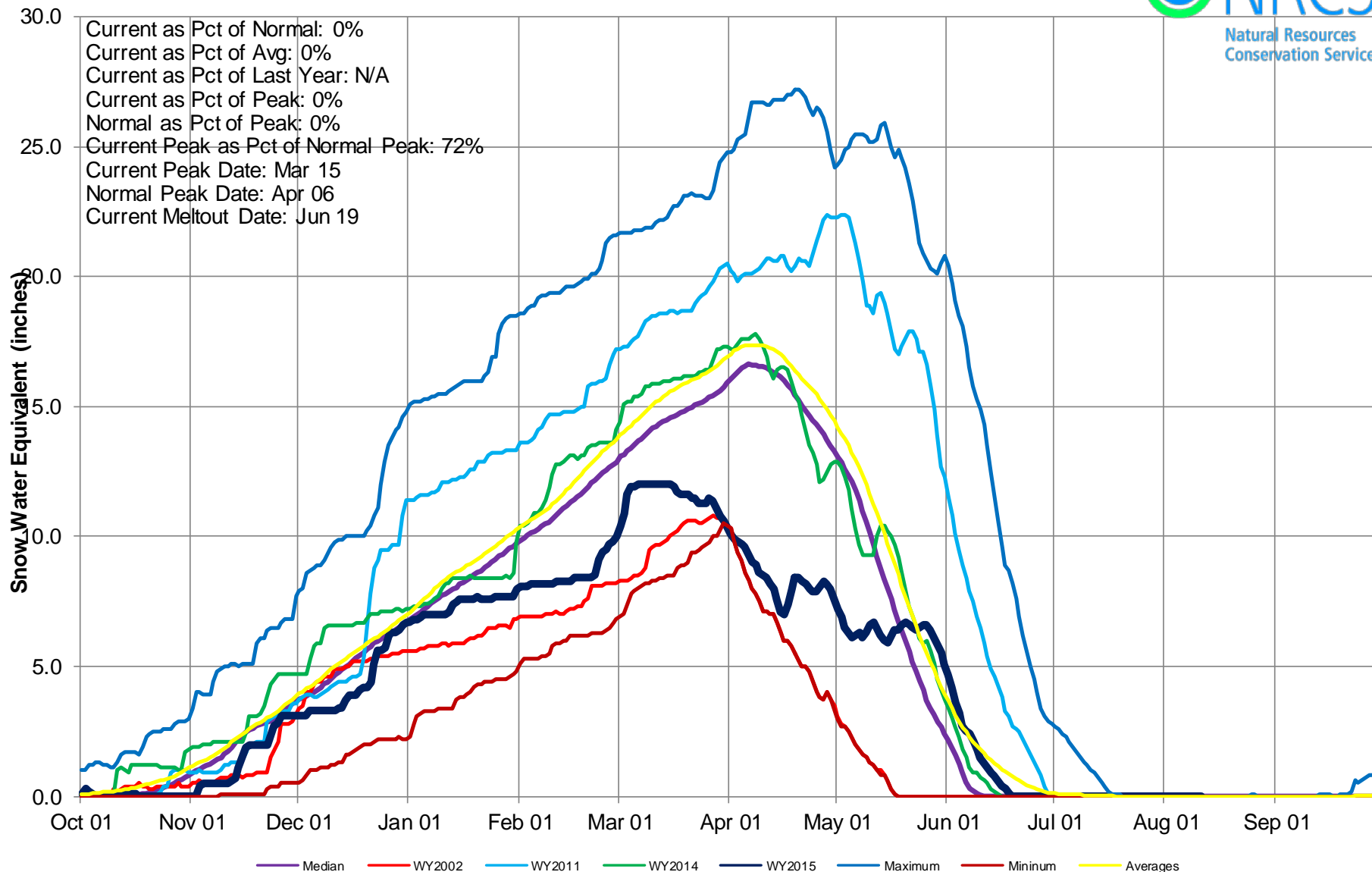


United States Department of Agriculture

Colorado Snow Surveys

Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Aug 11, 2015





Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015

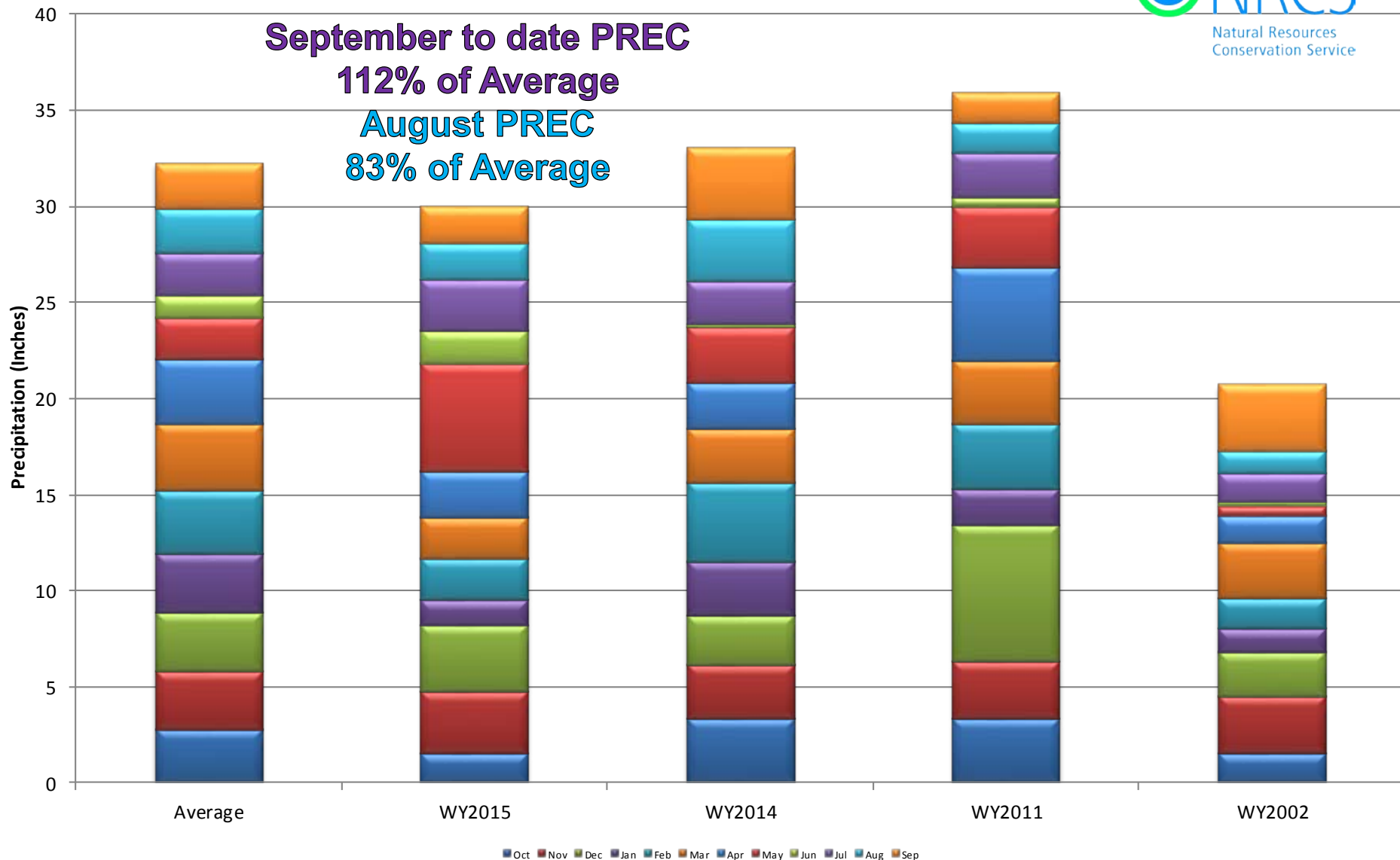


September to date PREC

112% of Average

August PREC

83% of Average



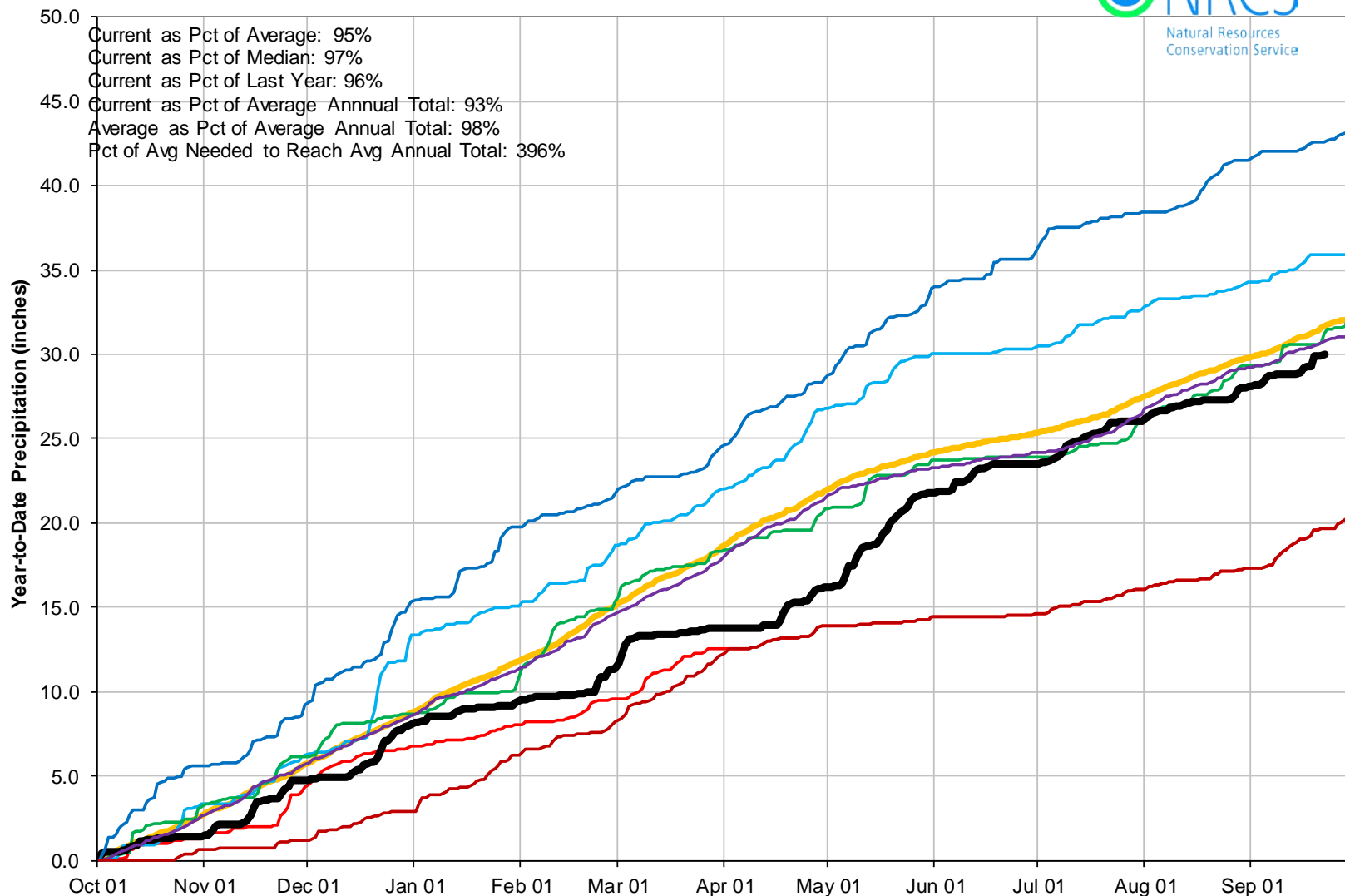


Gunnison River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015



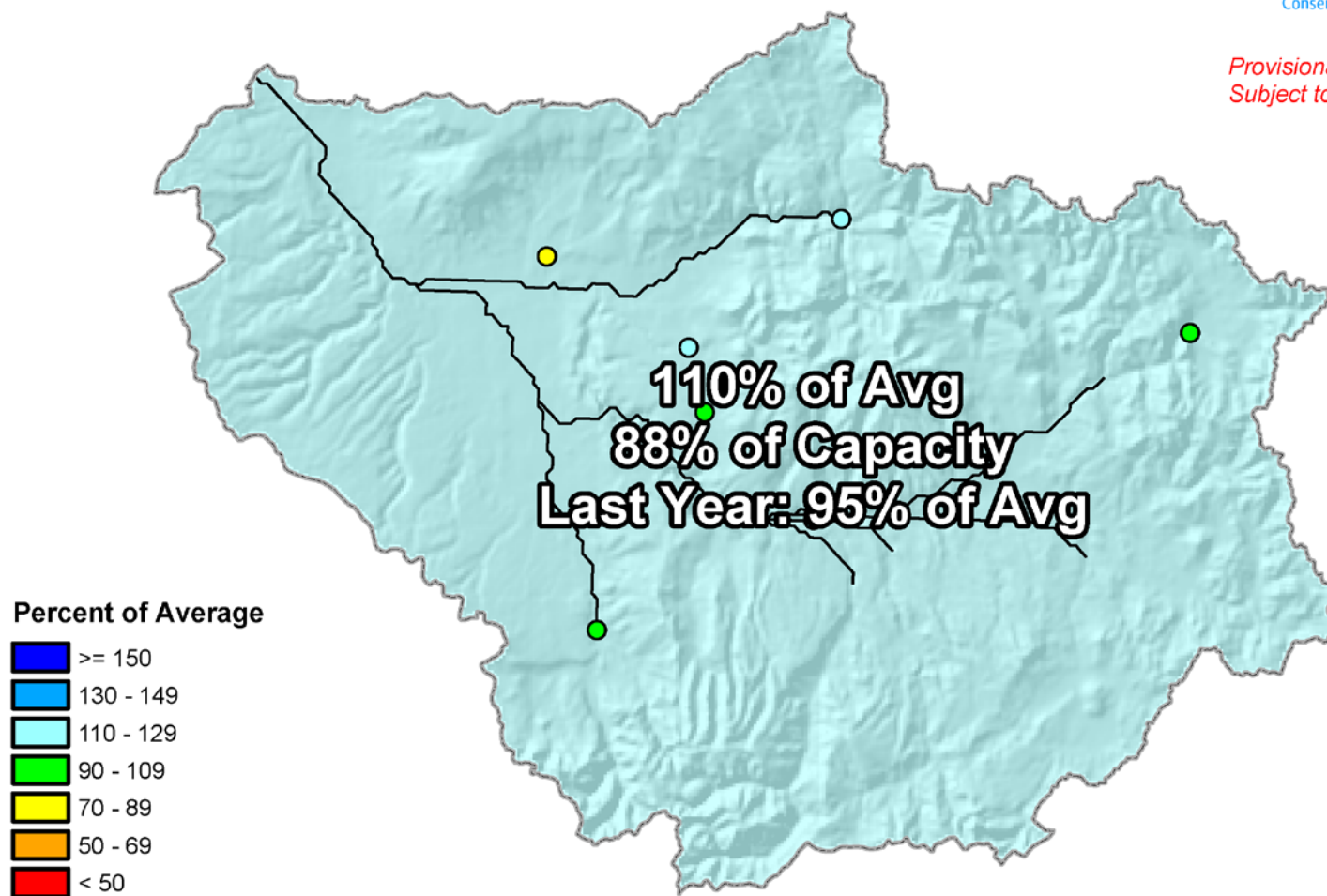
Natural Resources
Conservation Service



Gunnison River Basin Reservoir Storage Map



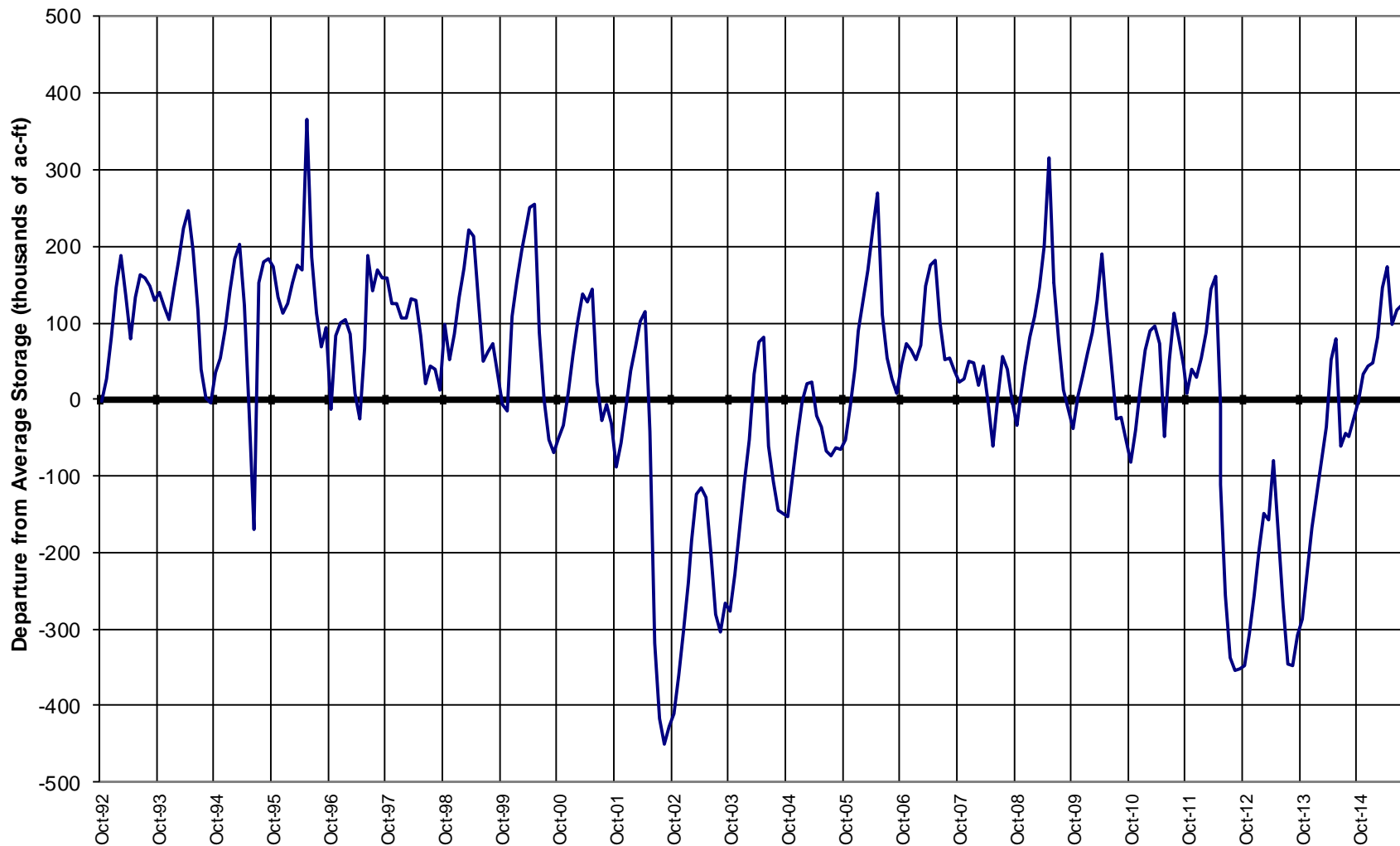
*Provisional Data
Subject to Revision*



End of August 2015

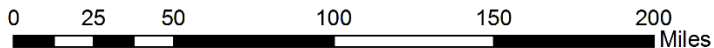
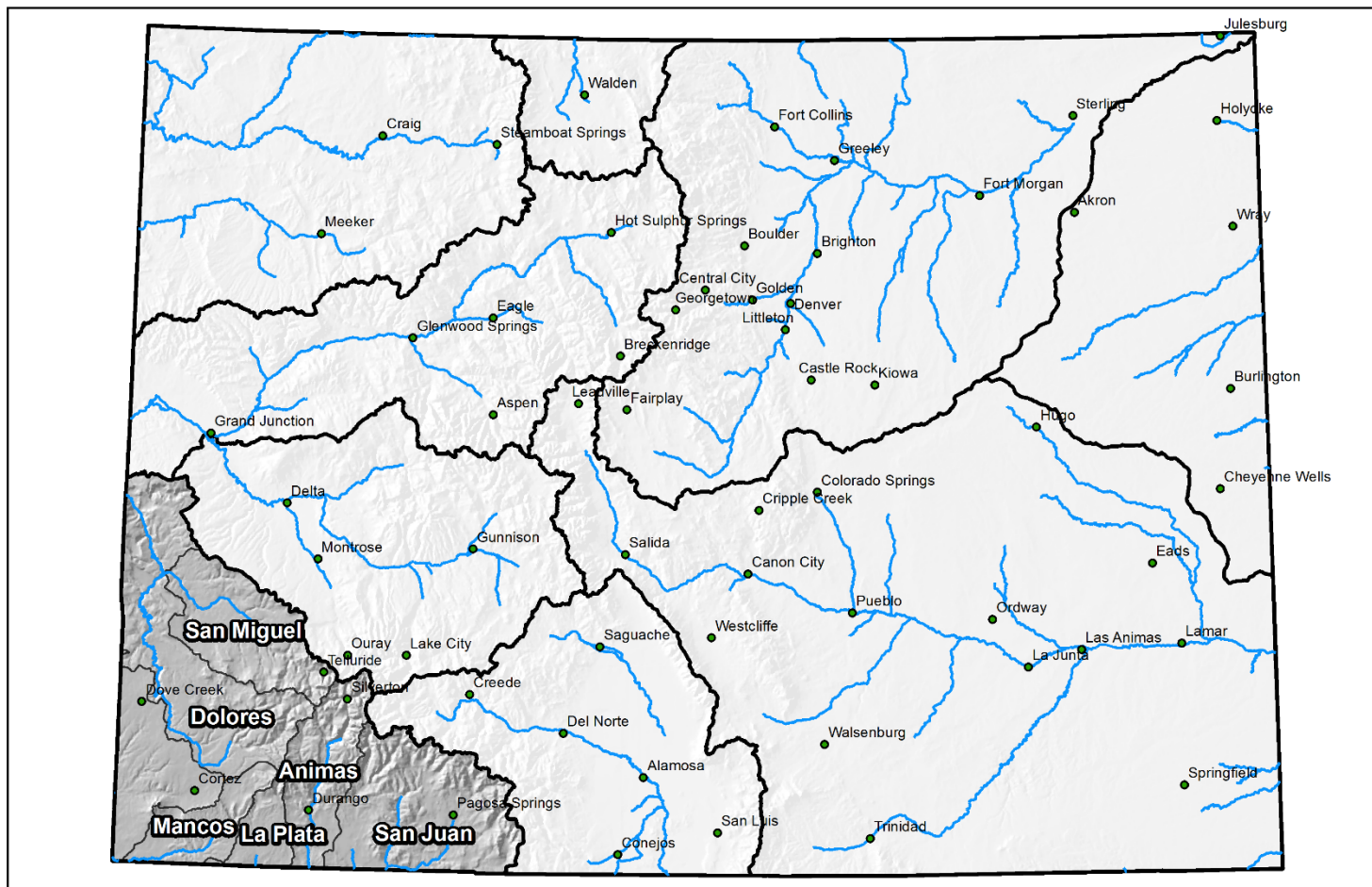


GUNNISON RIVER BASIN Reservoir Storage Departure from Average



Major Basin Summary

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





United States Department of Agriculture

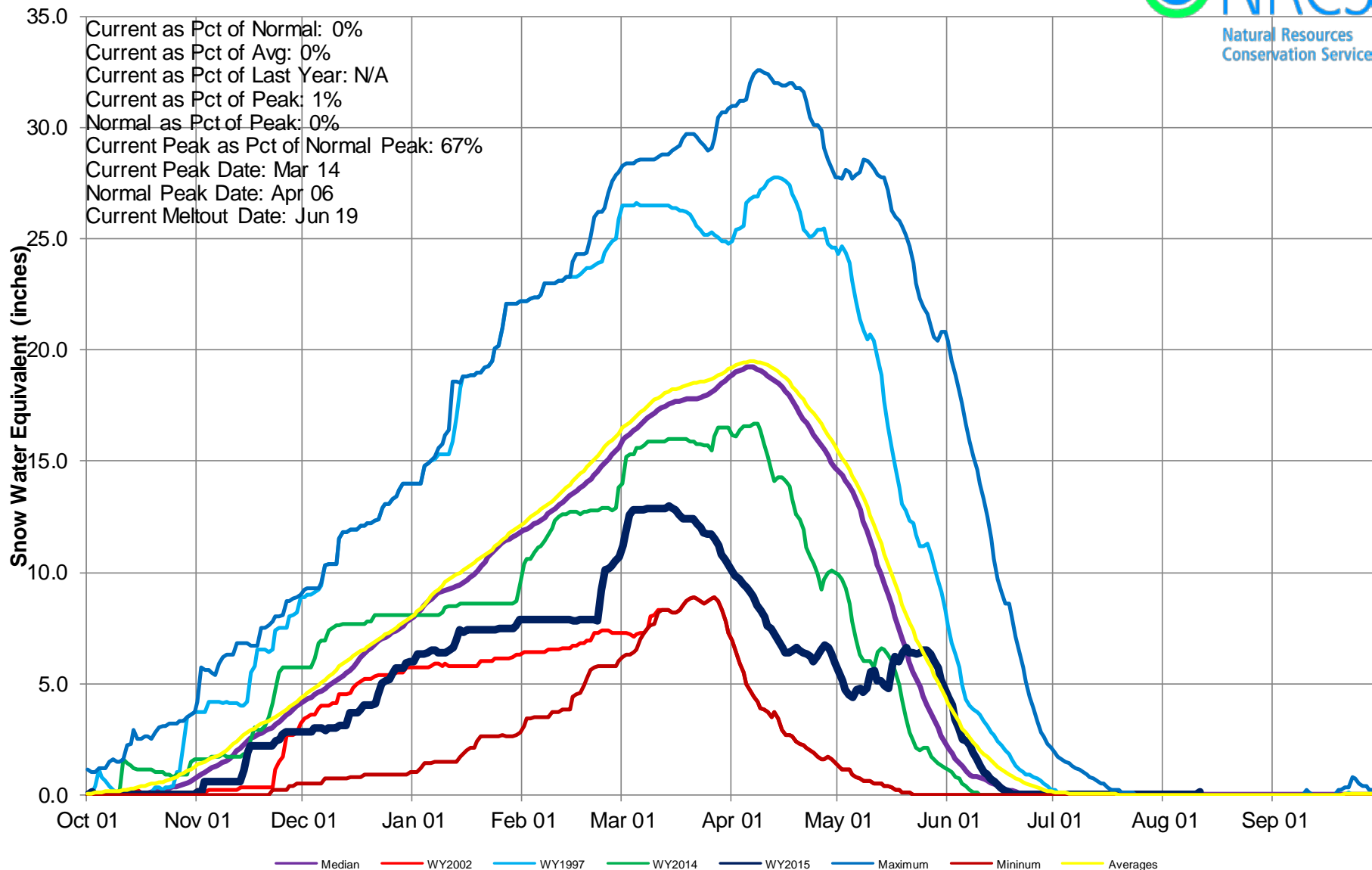
Colorado Snow Surveys

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

Based on Provisional SNOTEL data as of Aug 11, 2015



Current as Pct of Normal: 0%
Current as Pct of Avg: 0%
Current as Pct of Last Year: N/A
Current as Pct of Peak: 1%
Normal as Pct of Peak: 0%
Current Peak as Pct of Normal Peak: 67%
Current Peak Date: Mar 14
Normal Peak Date: Apr 06
Current Meltout Date: Jun 19

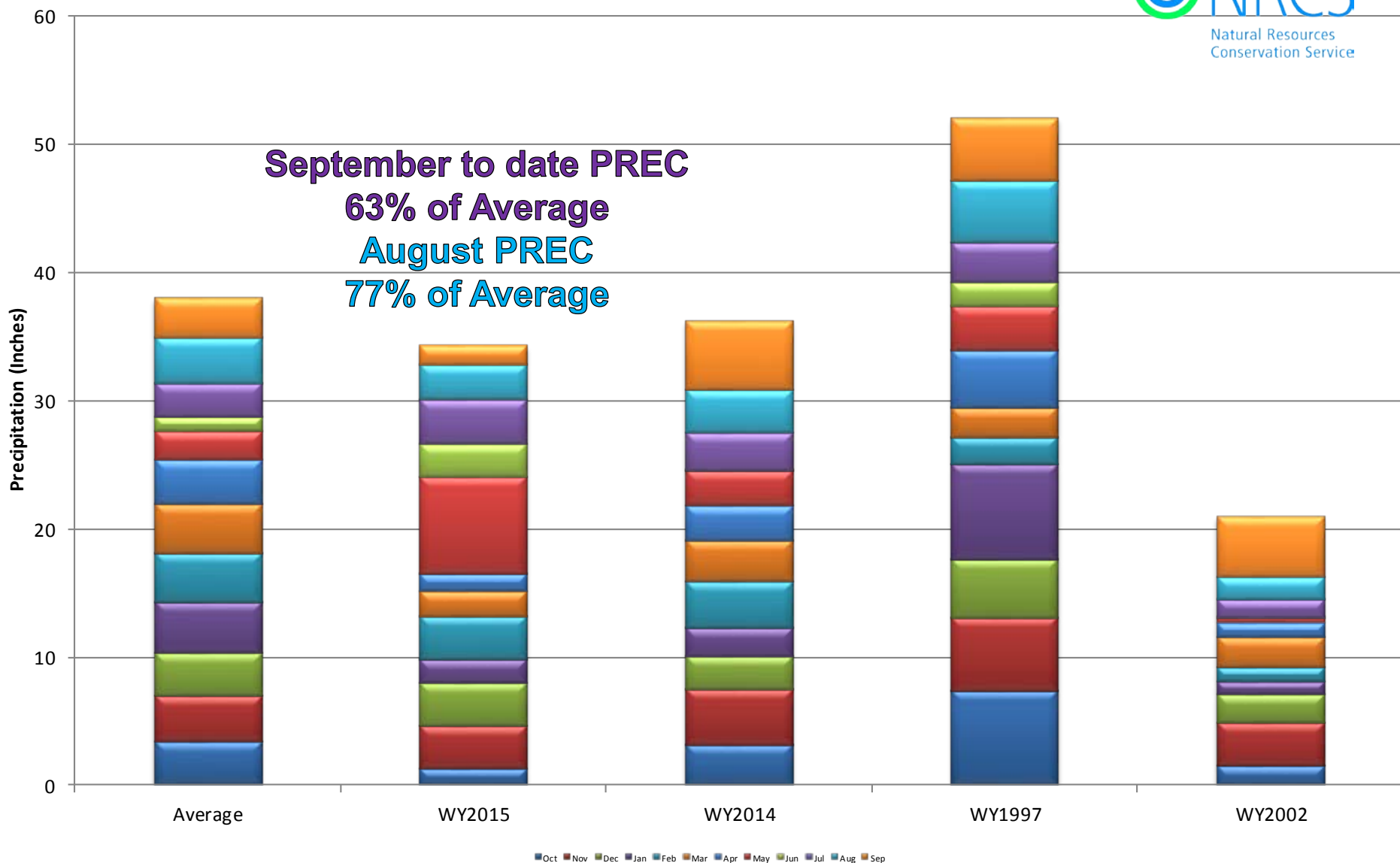




San Miguel, Dolores, Animas & San Juan River Basins High/Low Monthly Precipitation Summary



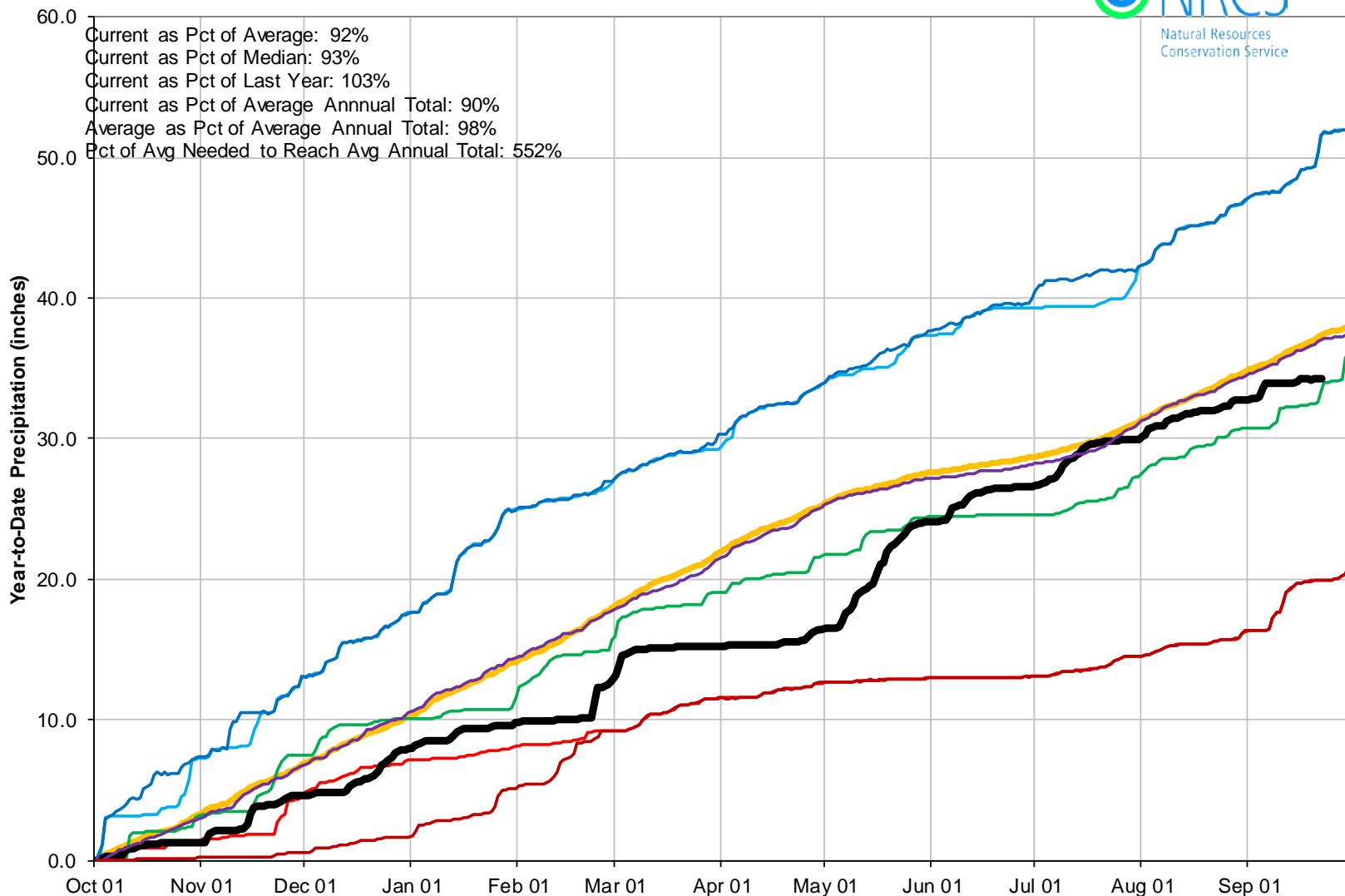
September to date PREC
63% of Average
August PREC
77% of Average





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

Based on Provisional SNOTEL data as of Sep 22, 2015

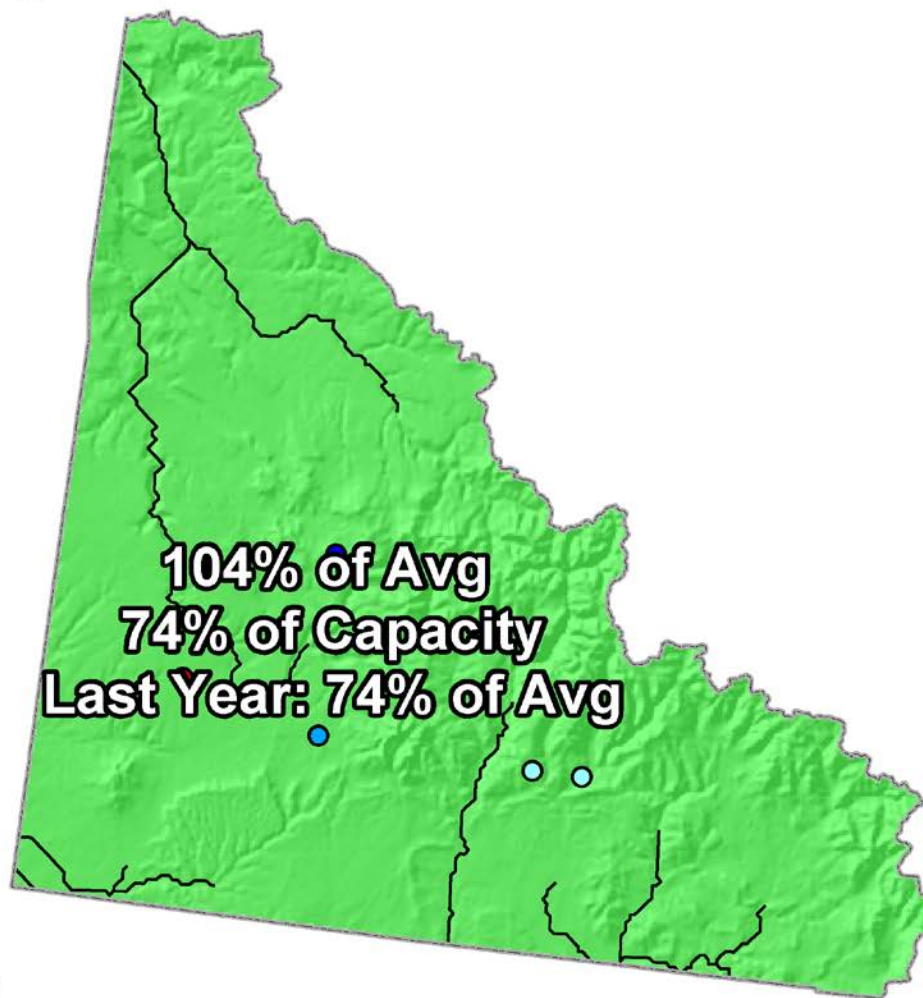


San Miguel, Dolores, Animas and San Juan River Basins Reservoir Storage Map



*Provisional Data
Subject to Revision*

Percent of Average

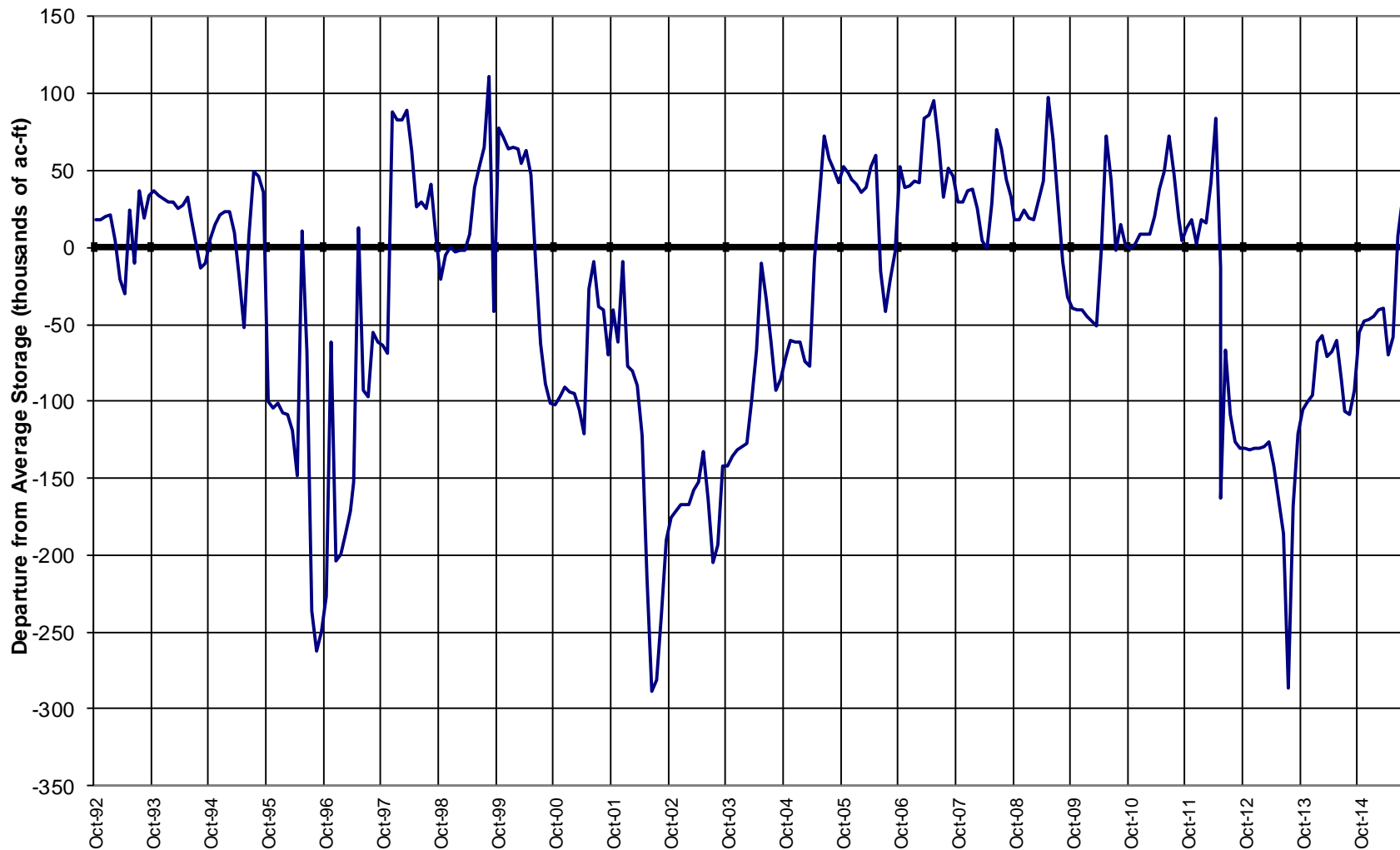


End of August 2015



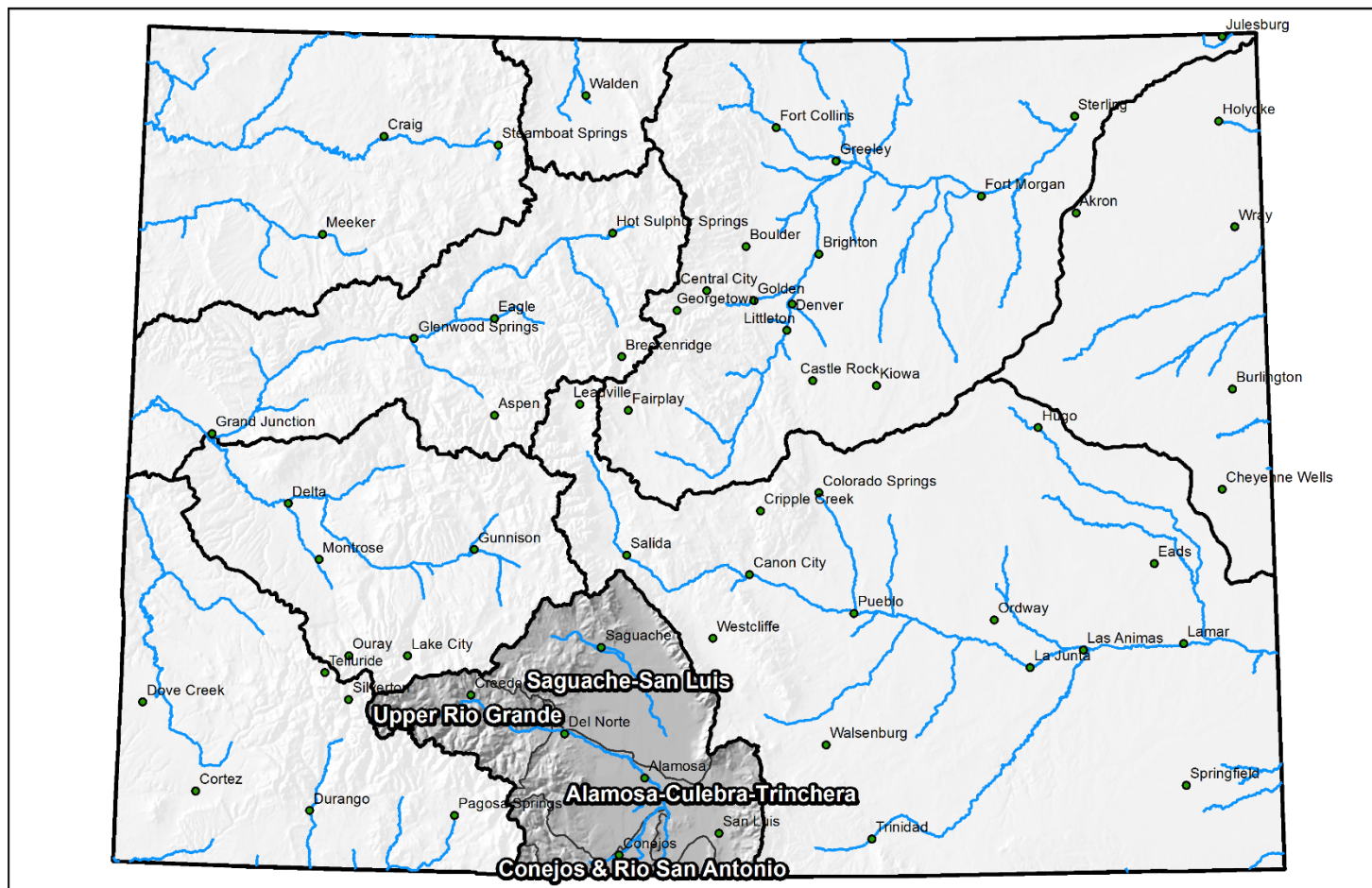
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS

Reservoir Storage
Departure from Average



Major Basin Summary

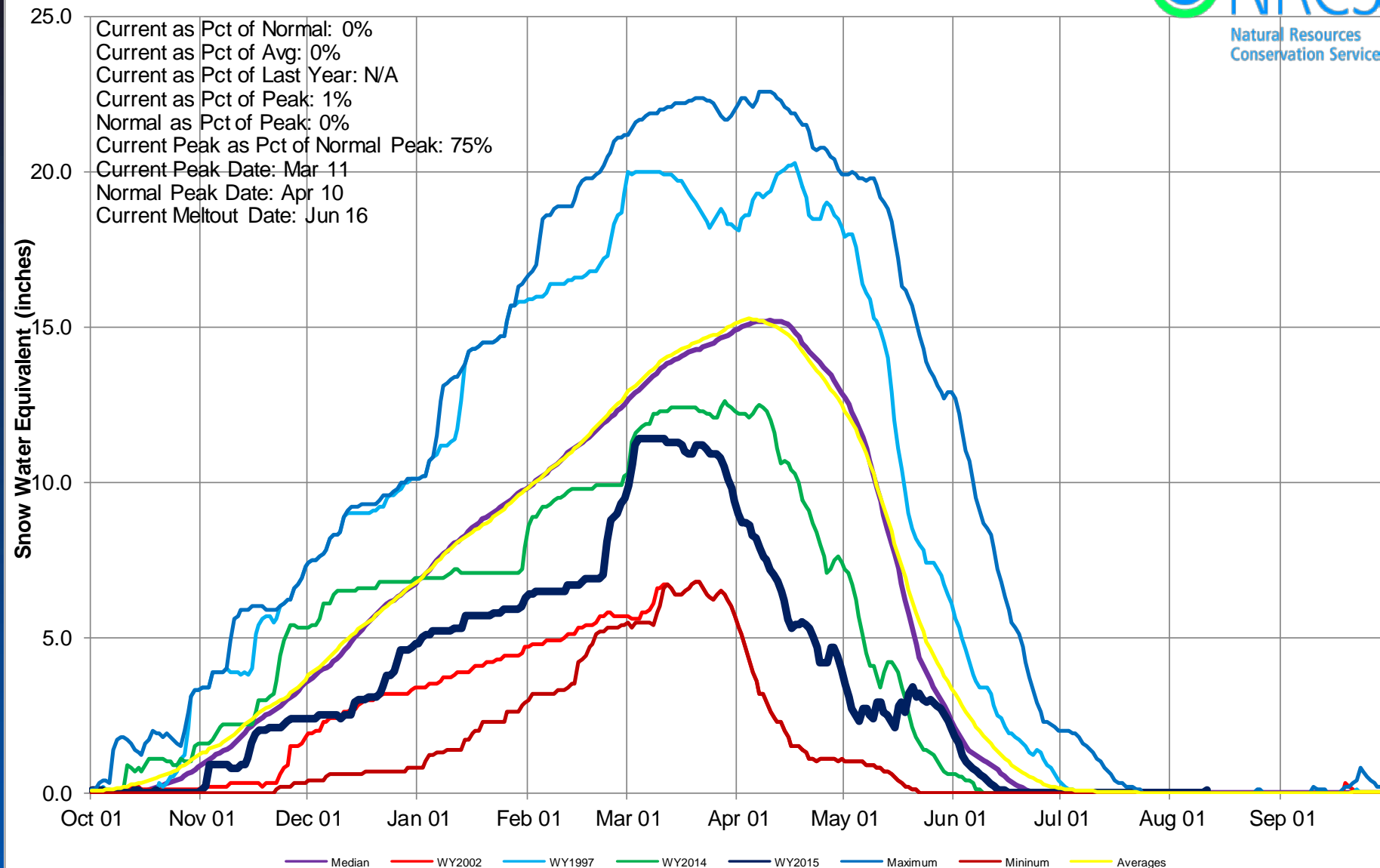
Upper Rio Grande River Basin



0 25 50 100 150 200 Miles

Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Aug 11, 2015



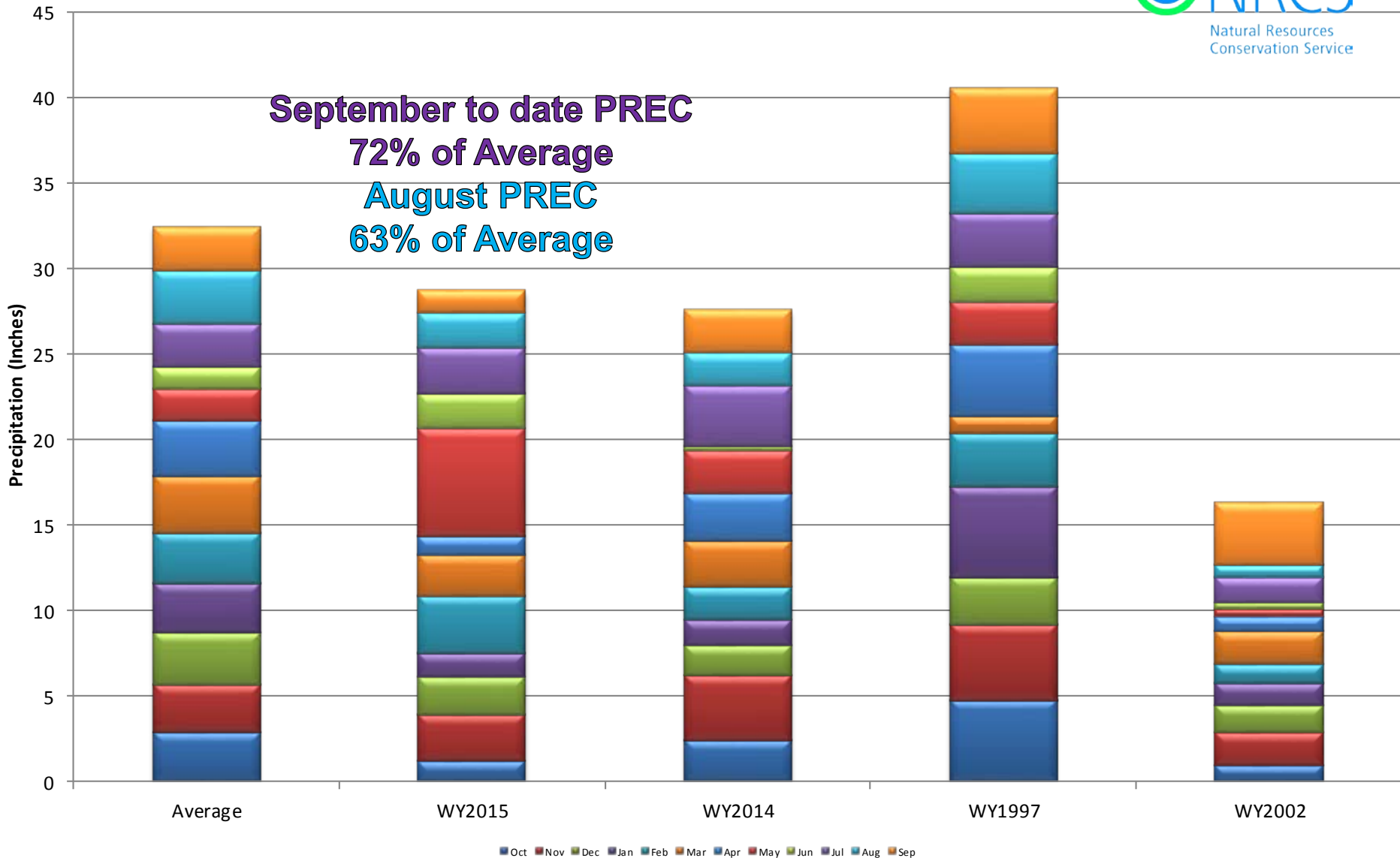


Upper Rio Grande Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015



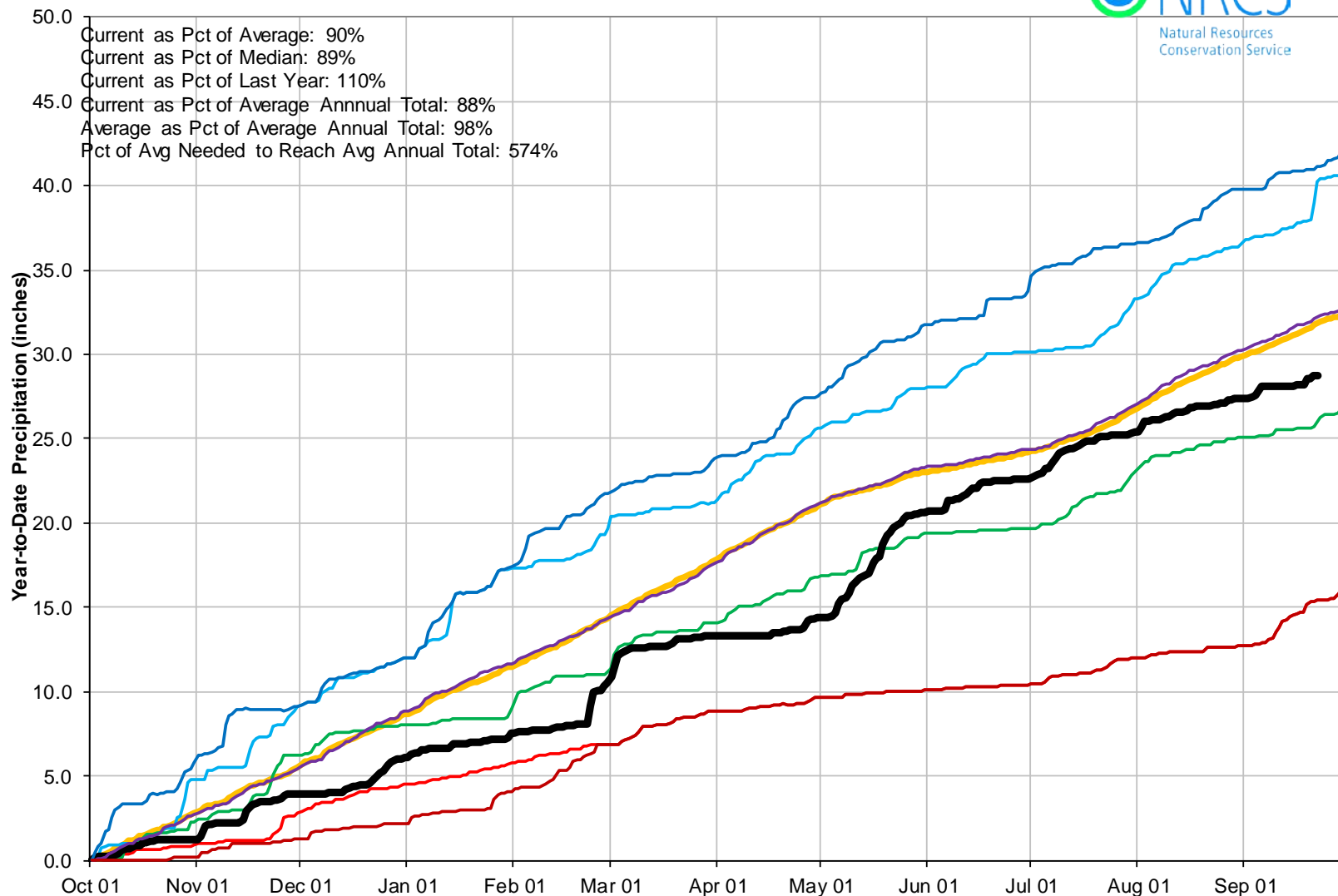
September to date PREC
72% of Average
August PREC
63% of Average





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

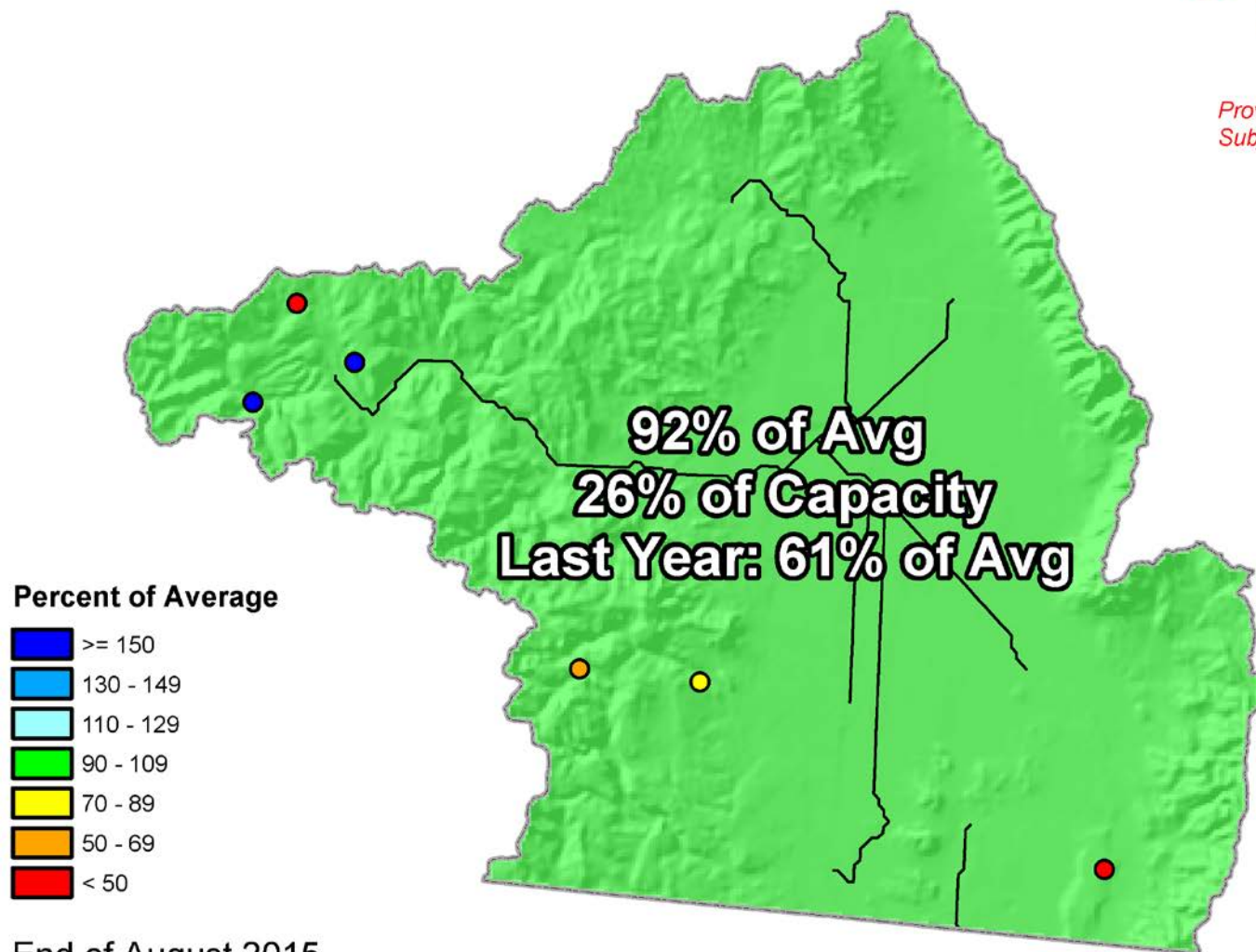
Based on Provisional SNOTEL data as of Sep 22, 2015



Upper Rio Grande Basin Reservoir Storage Map



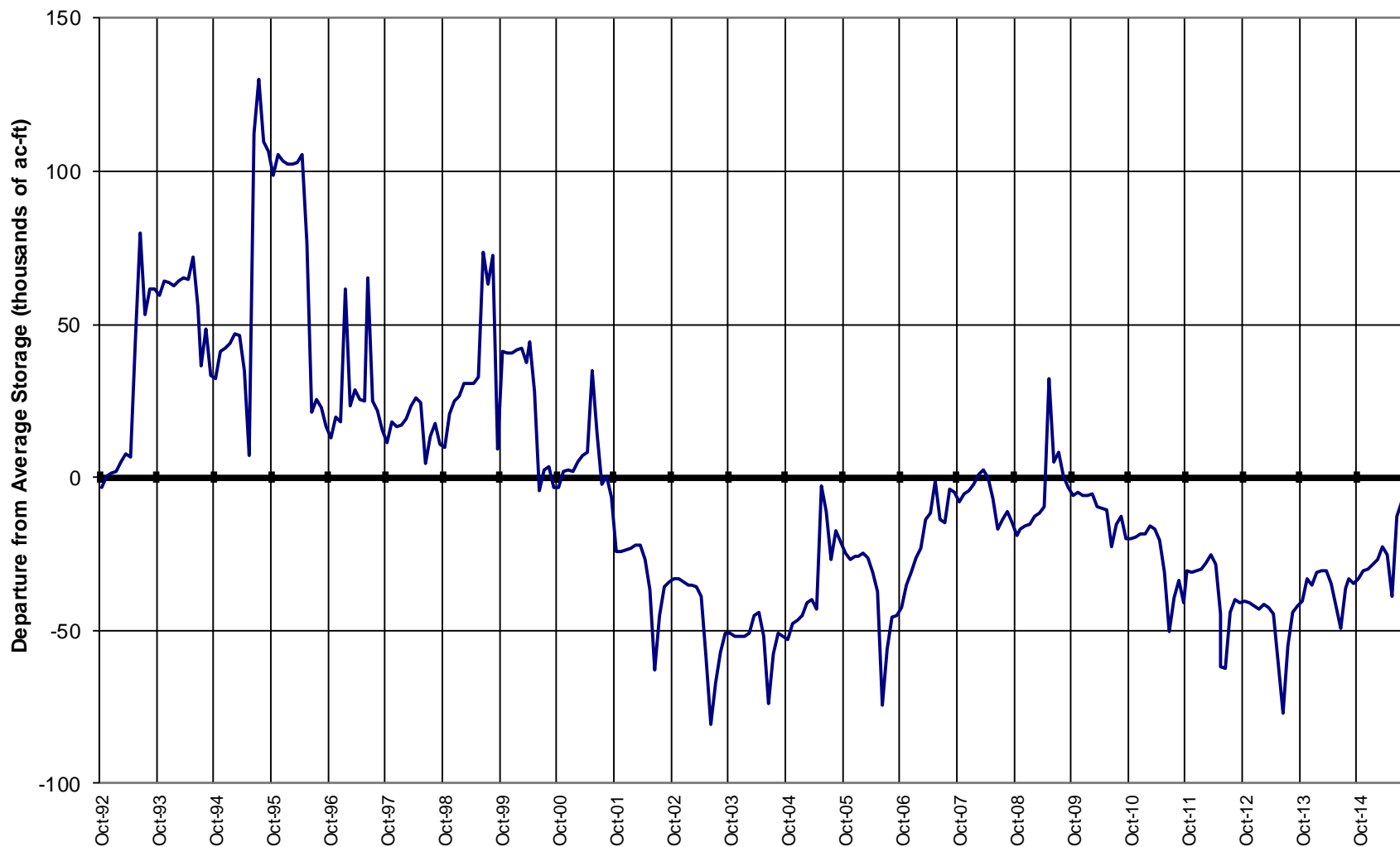
*Provisional Data
Subject to Revision*



End of August 2015

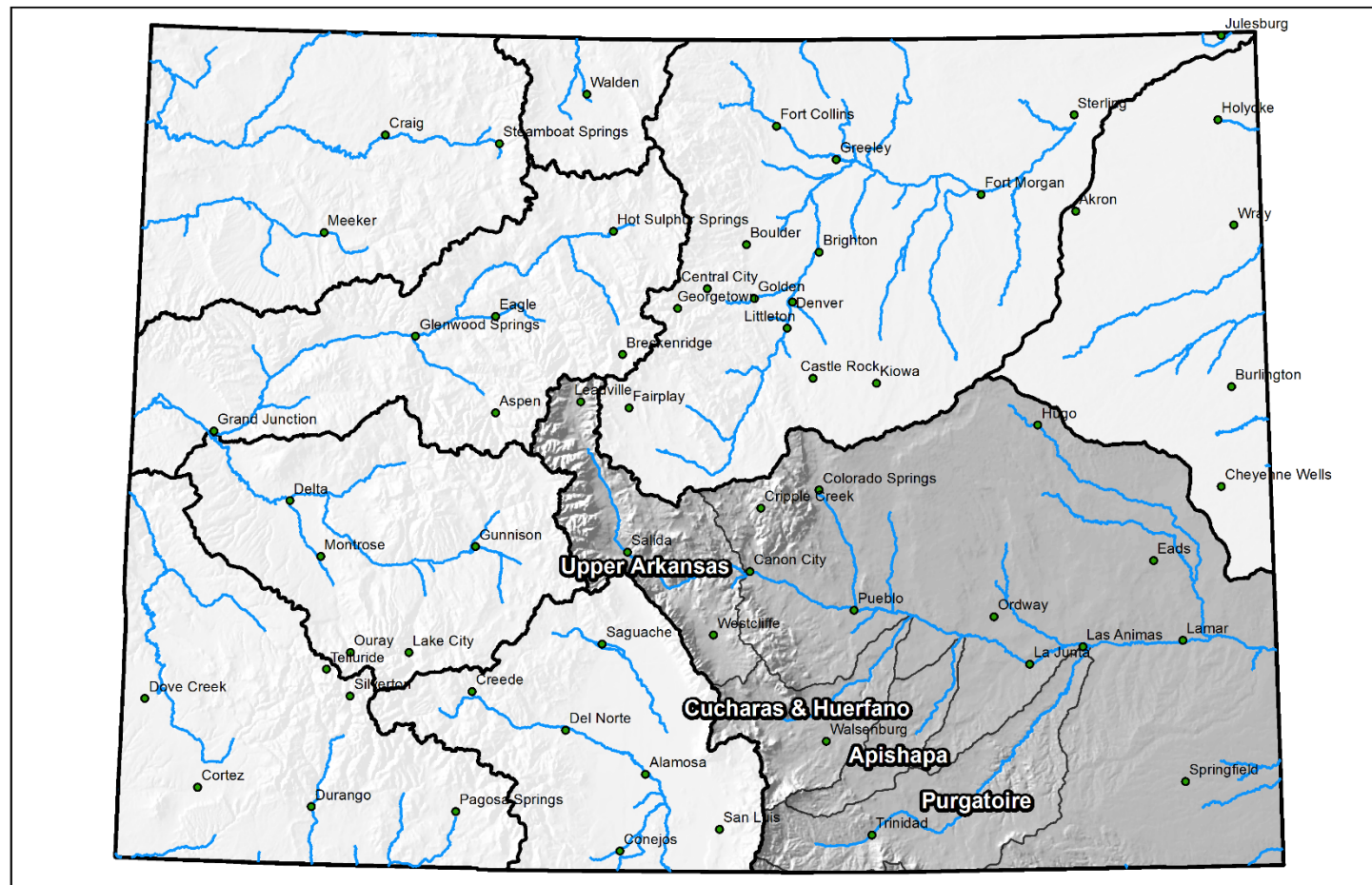


UPPER RIO GRANDE BASIN Reservoir Storage Departure from Average



Major Basin Summary

Arkansas River Basin

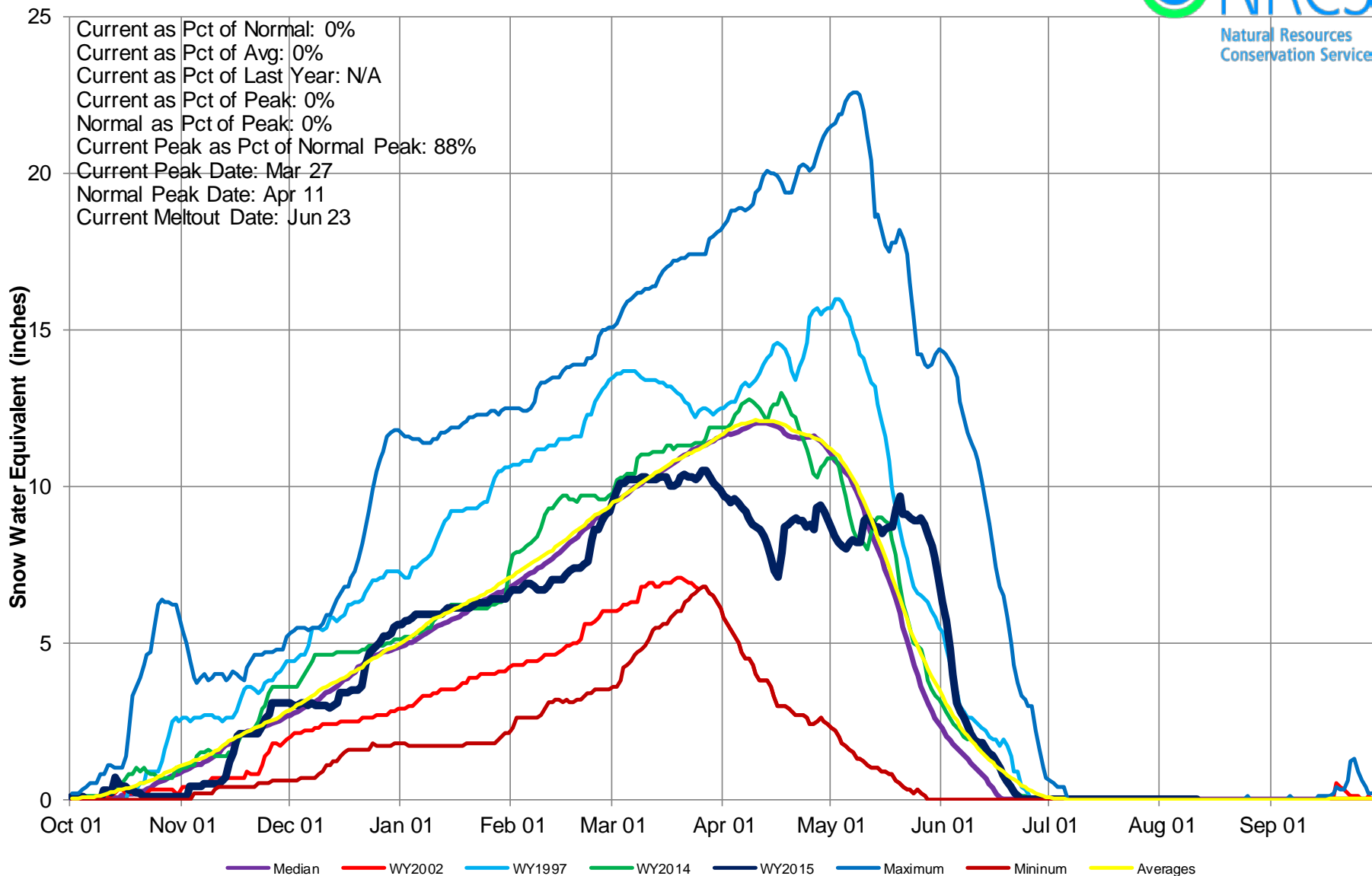


0 25 50 100 150 200 Miles



Arkansas River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Aug 11, 2015



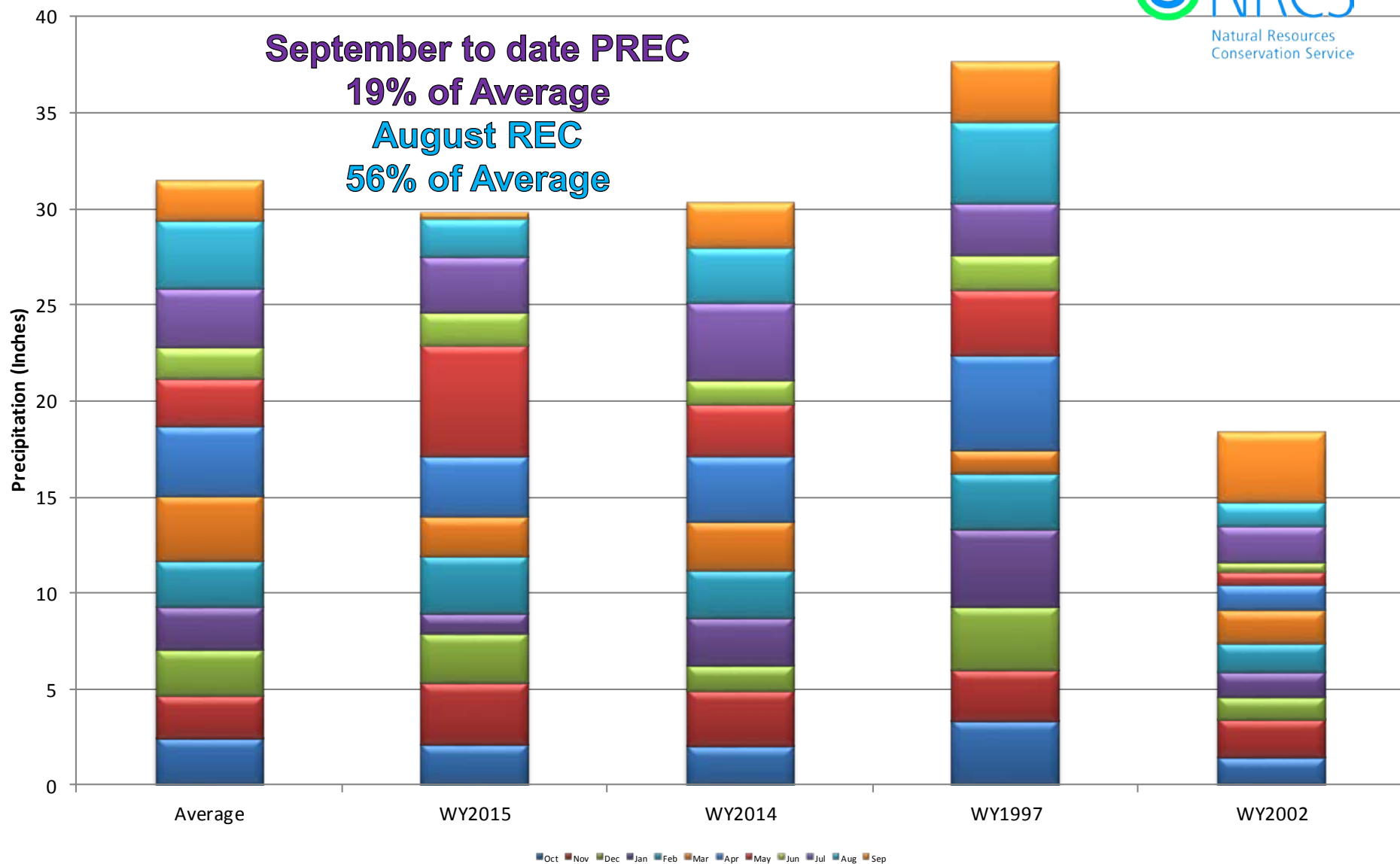


Arkansas River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015



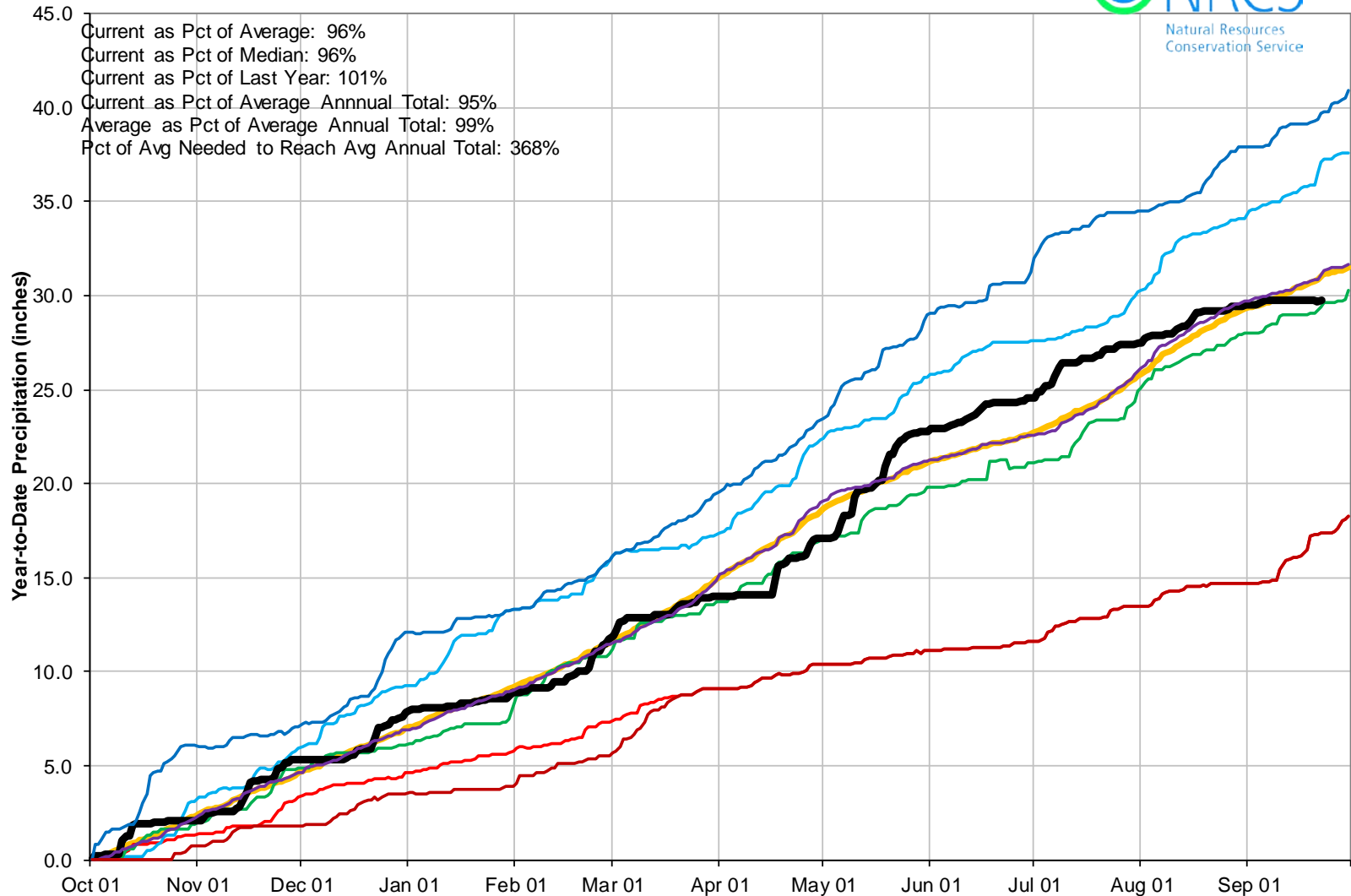
September to date PREC
19% of Average
August REC
56% of Average





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

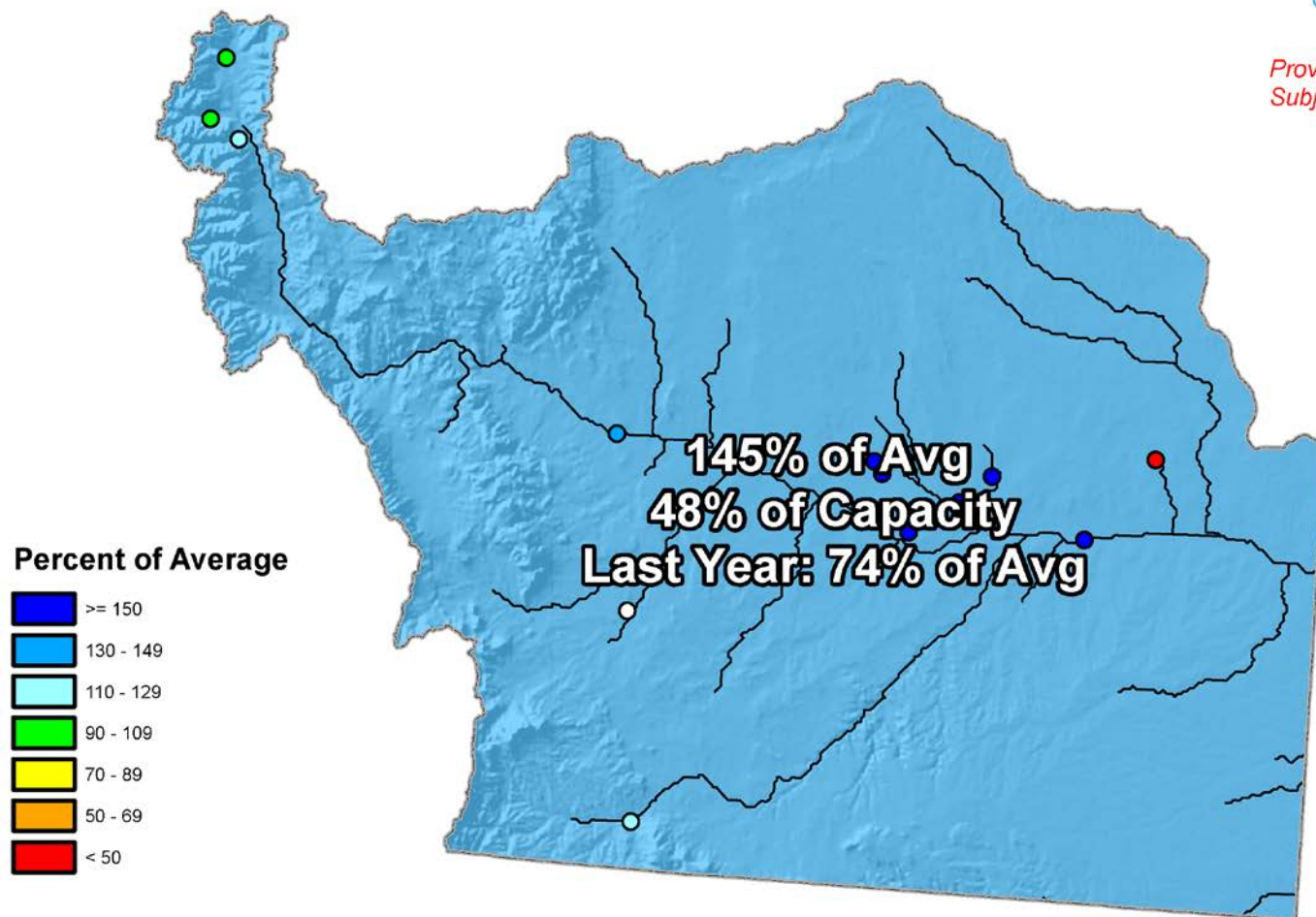
Based on Provisional SNOTEL data as of Sep 22, 2015



Arkansas River Basin Reservoir Storage Map



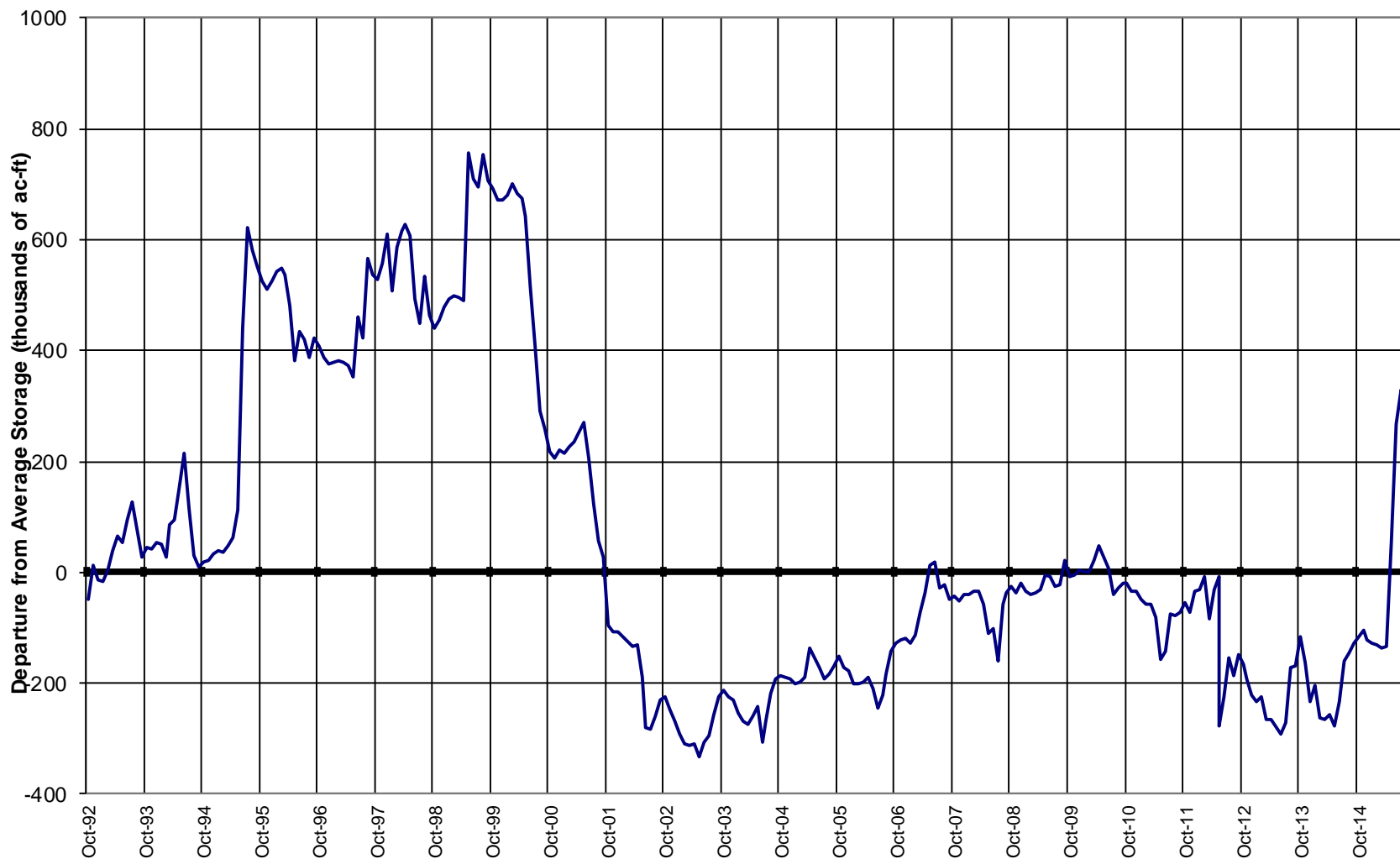
*Provisional Data
Subject to Revision*



End of August 2015

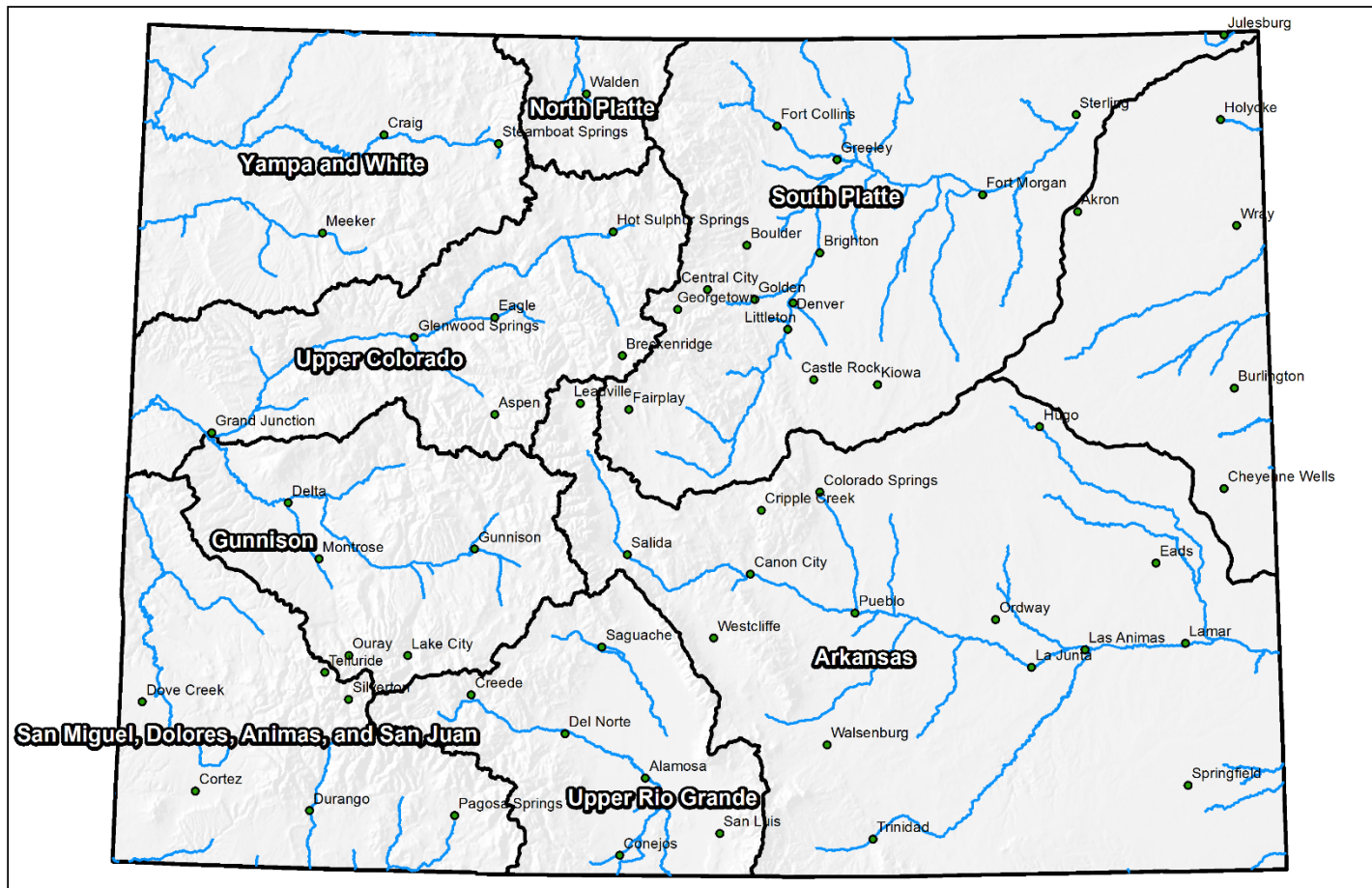


ARKANSAS RIVER BASIN Reservoir Storage Departure from Average



Colorado Statewide Summary

Colorado Major Basins

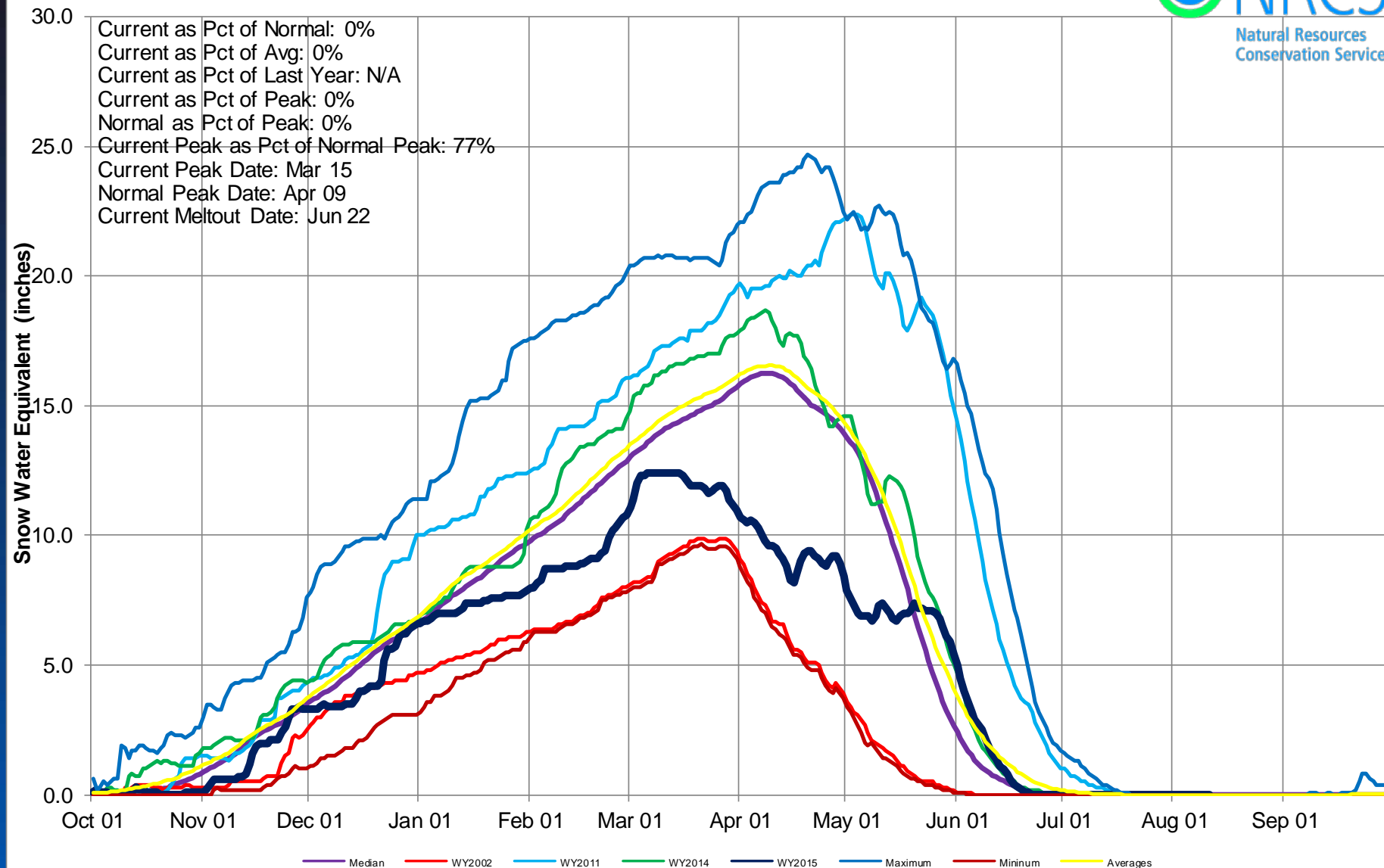


A horizontal scale bar with markings at 0, 25, 50, 100, 150, and 200 miles. The bar is black with white markings and the word "Miles" is written at the right end.



Colorado Statewide High/Low Snowpack Summary

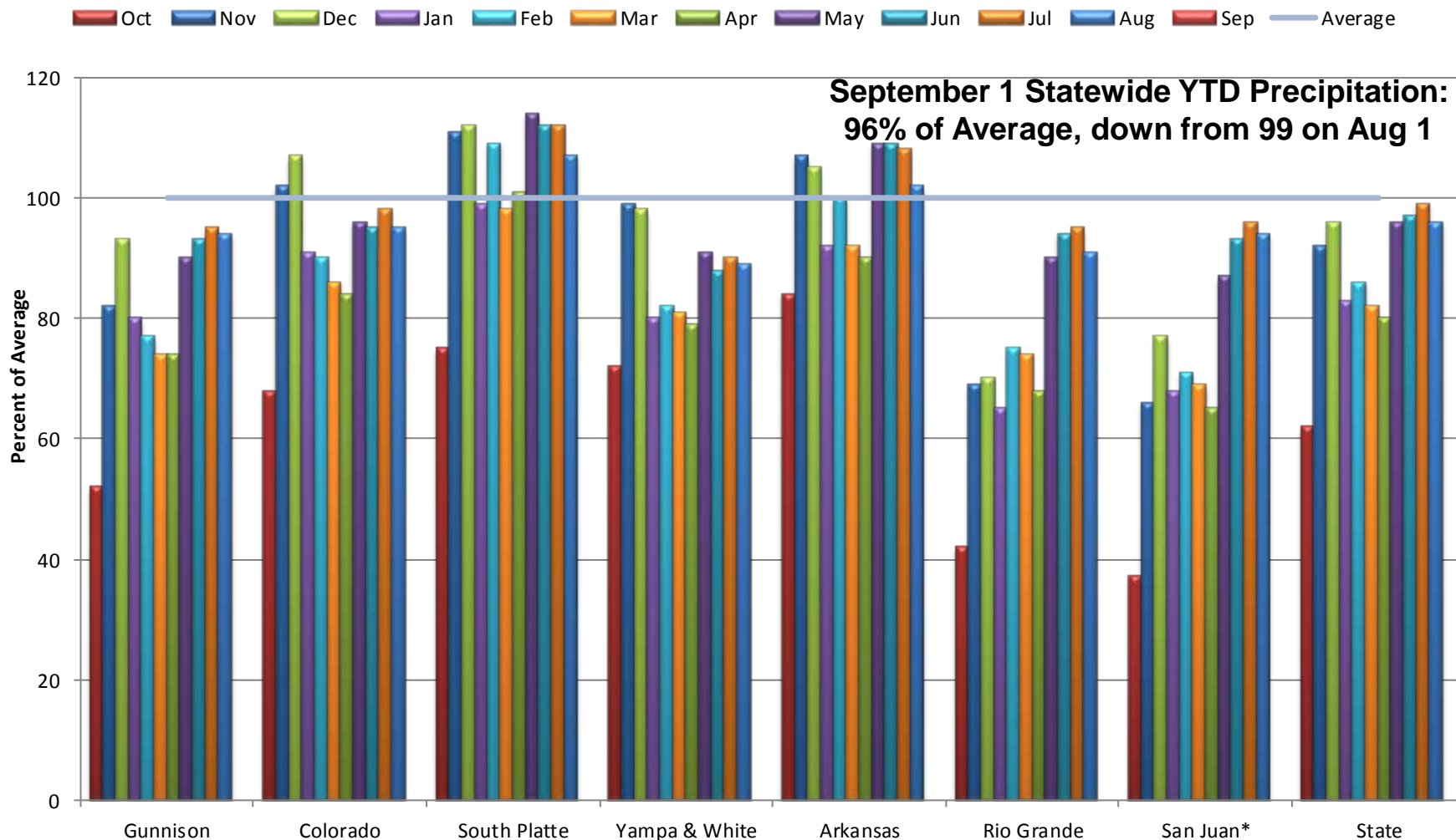
Based on Provisional SNOTEL data as of Aug 11, 2015





Colorado Year-to-Date Precipitation Summary for WY2015

USDA Natural Resources Conservation Service



*Includes Animas, Dolores, San Miguel Basins



Colorado Statewide High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015

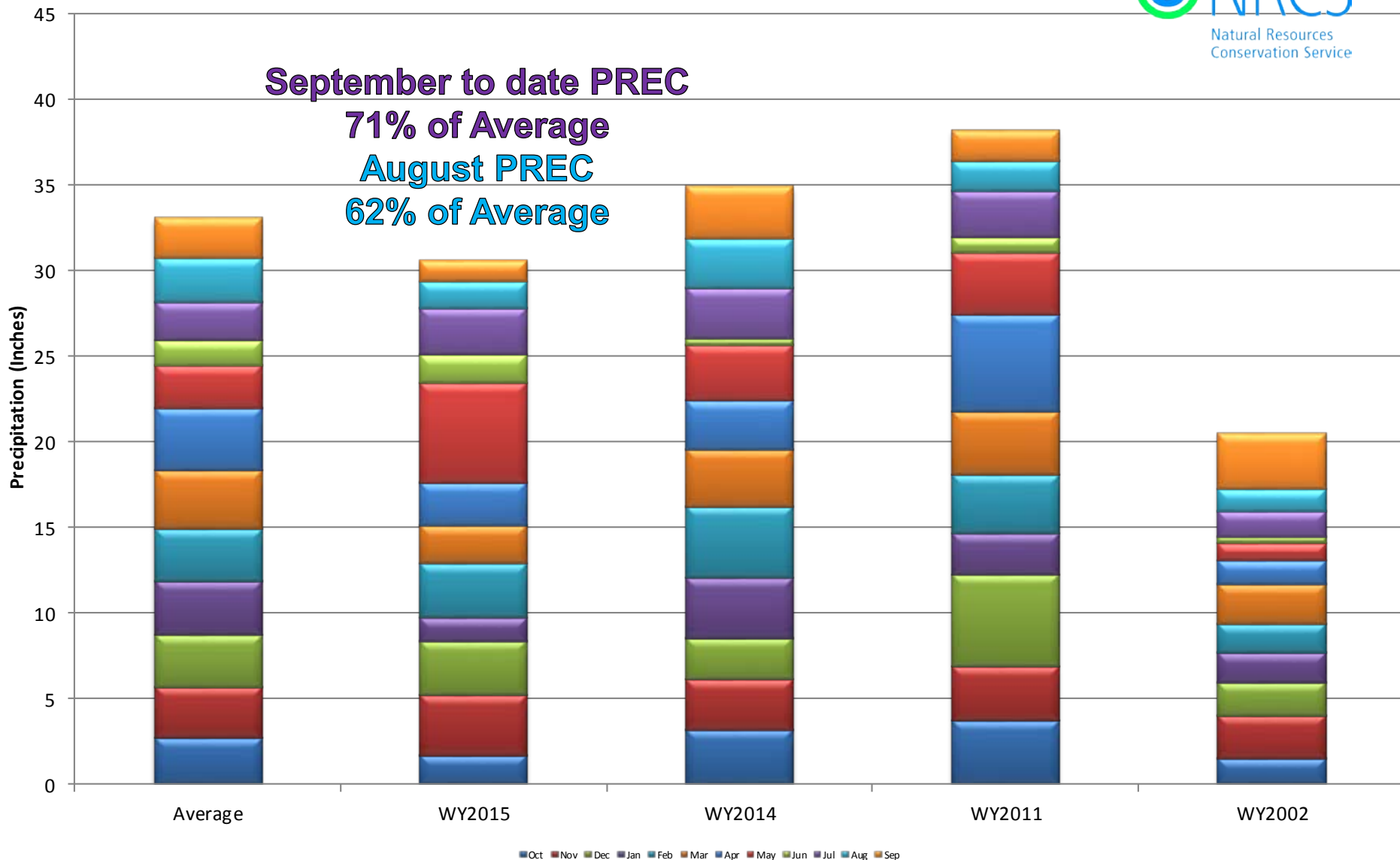


September to date PREC

71% of Average

August PREC

62% of Average



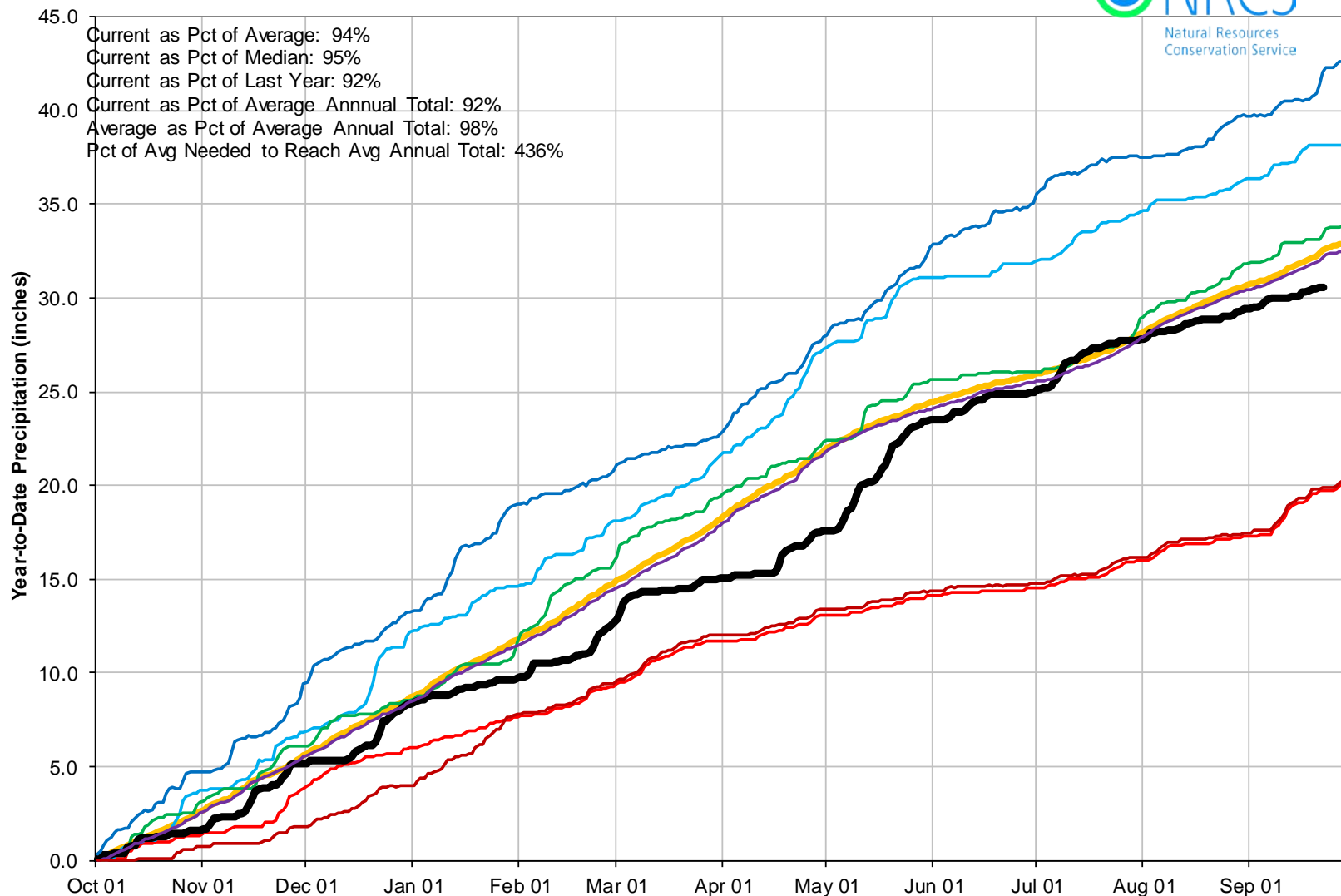


Colorado Statewide High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Sep 22, 2015

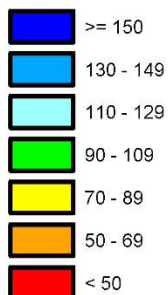


Natural Resources
Conservation Service

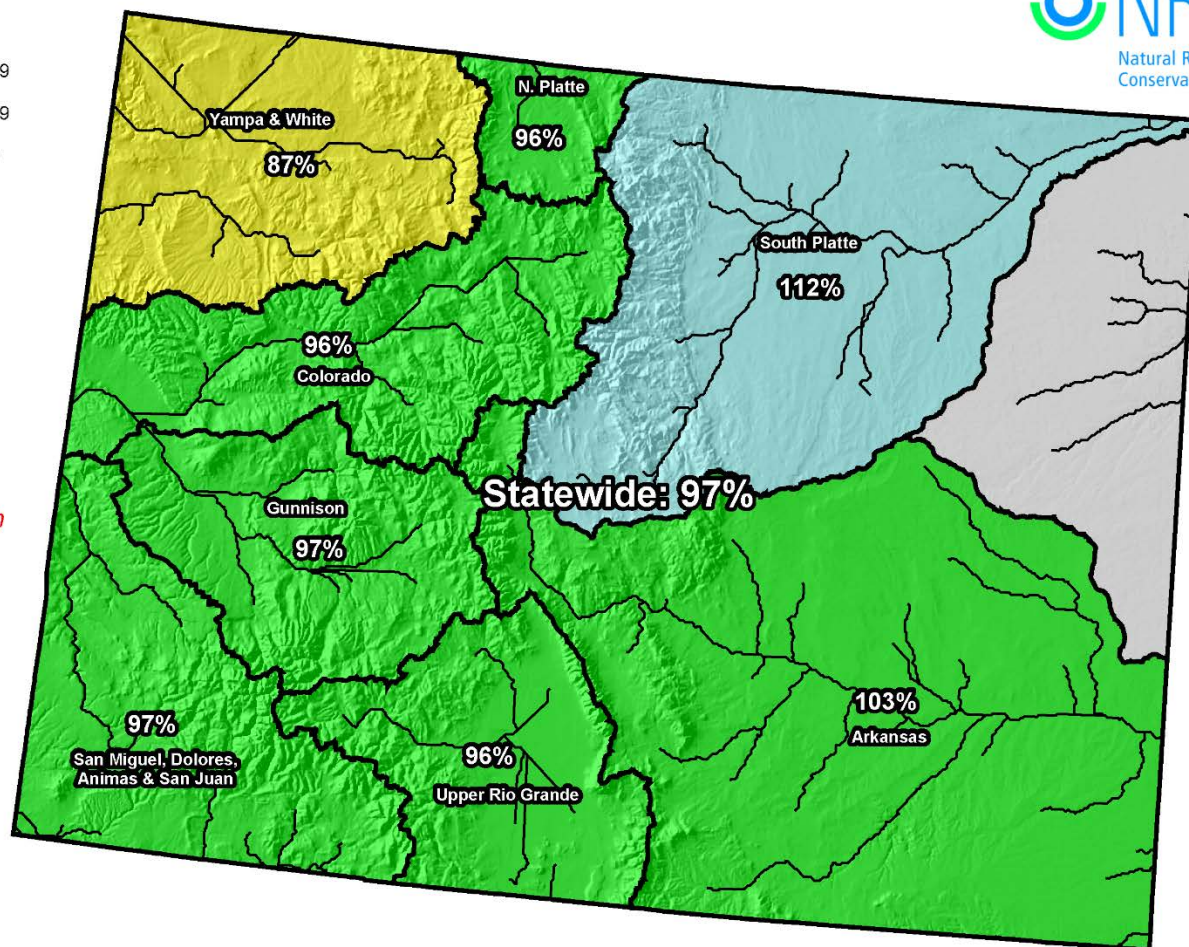


Colorado SNOTEL Water Year-to-Date Precipitation Update Map

Percent of Average



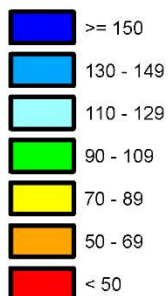
*Provisional Data
Subject to Revision*



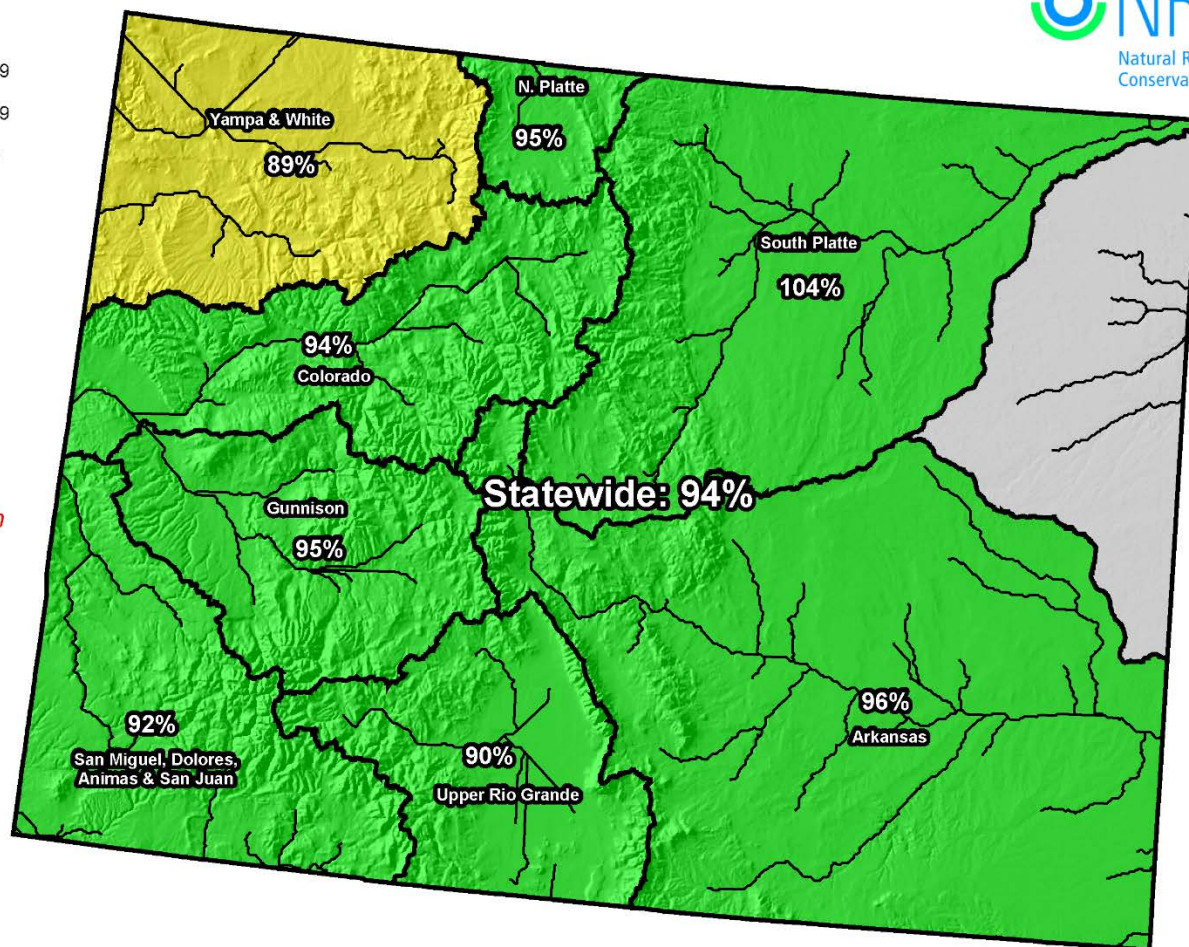
Current as of Aug 11, 2015

Colorado SNOTEL Water Year-to-Date Precipitation Update Map

Percent of Average



*Provisional Data
Subject to Revision*

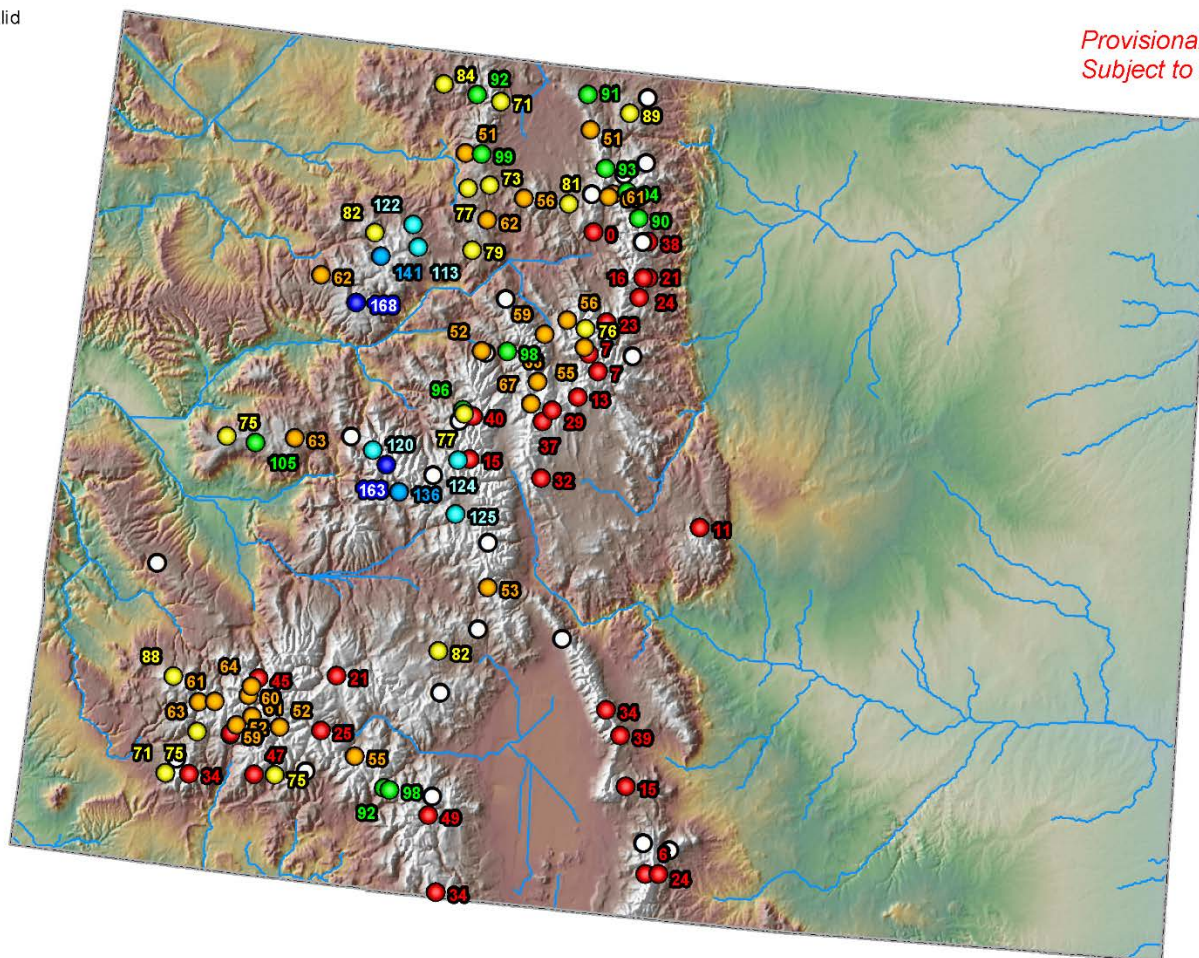


Current as of Sep 22, 2015

Colorado SNOTEL Month-to-Date Precipitation

Percent of Average

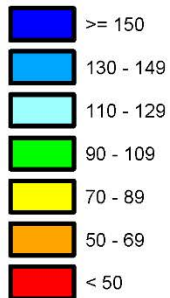
- Missing or Invalid
- < 50
- 50 - 69
- 70 - 89
- 90 - 109
- 110 - 129
- 130 - 149
- ≥ 150



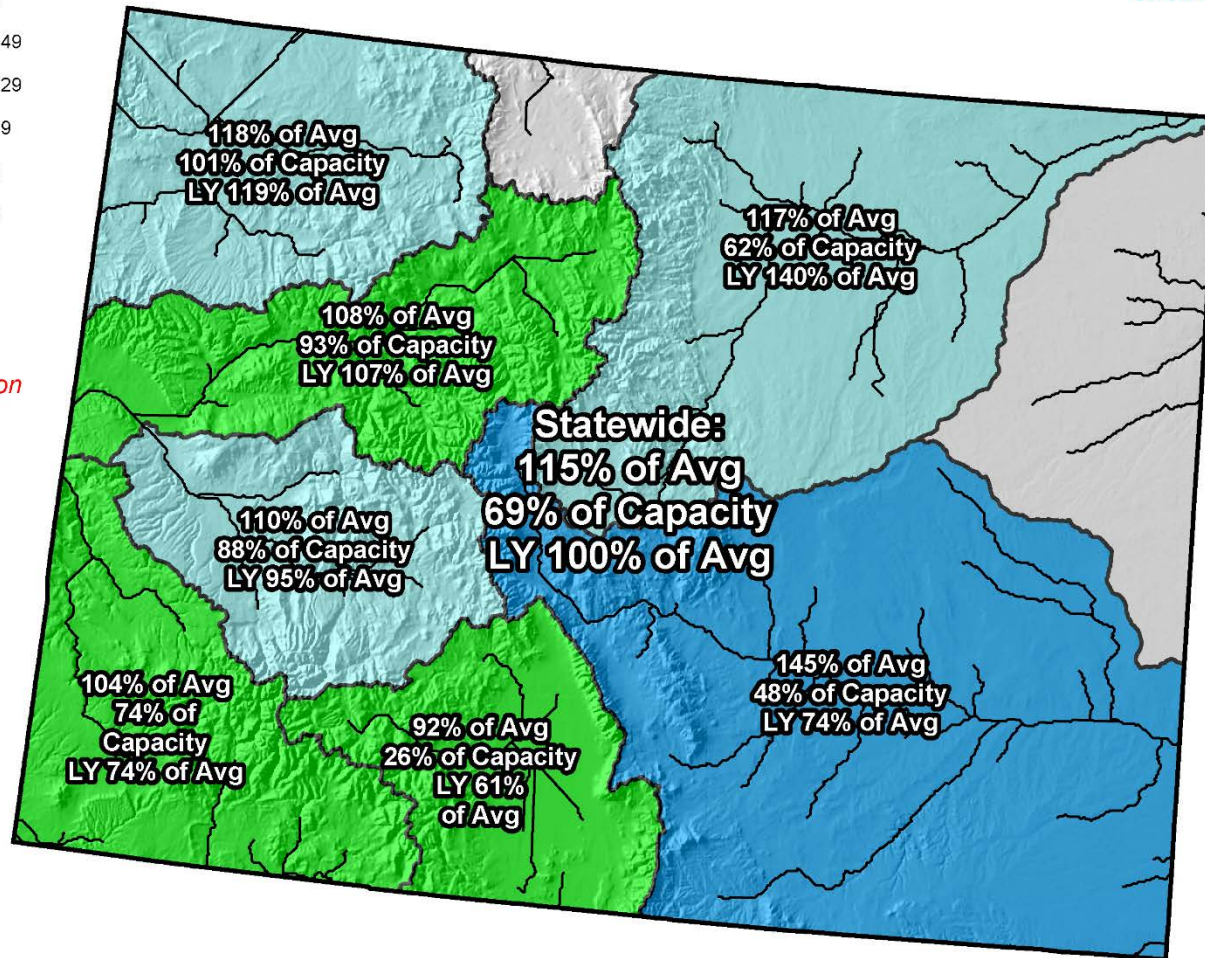
Current as of Sep 22, 2015

Colorado Reservoir Storage Map

Percent of Average



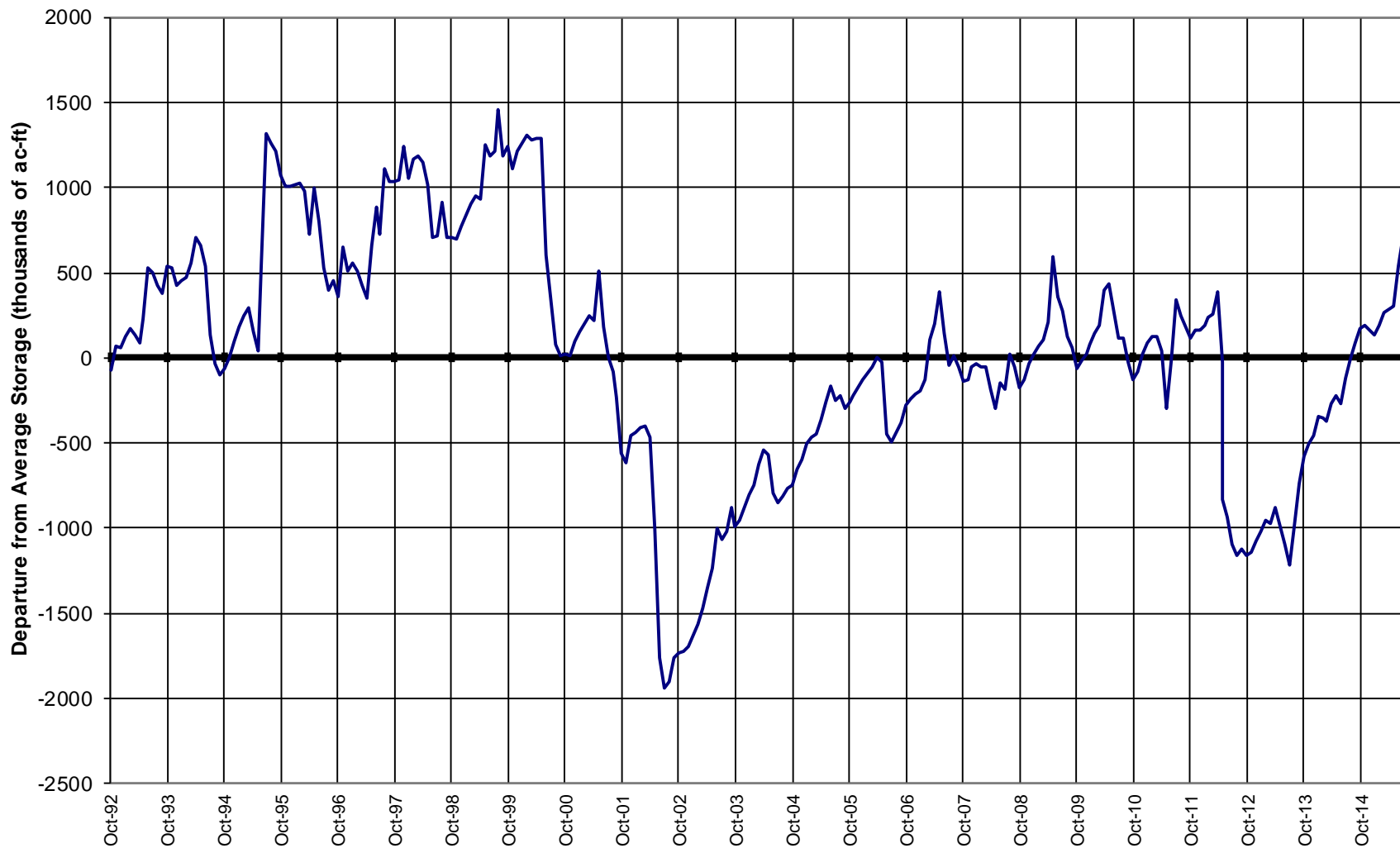
*Provisional Data
Subject to Revision*

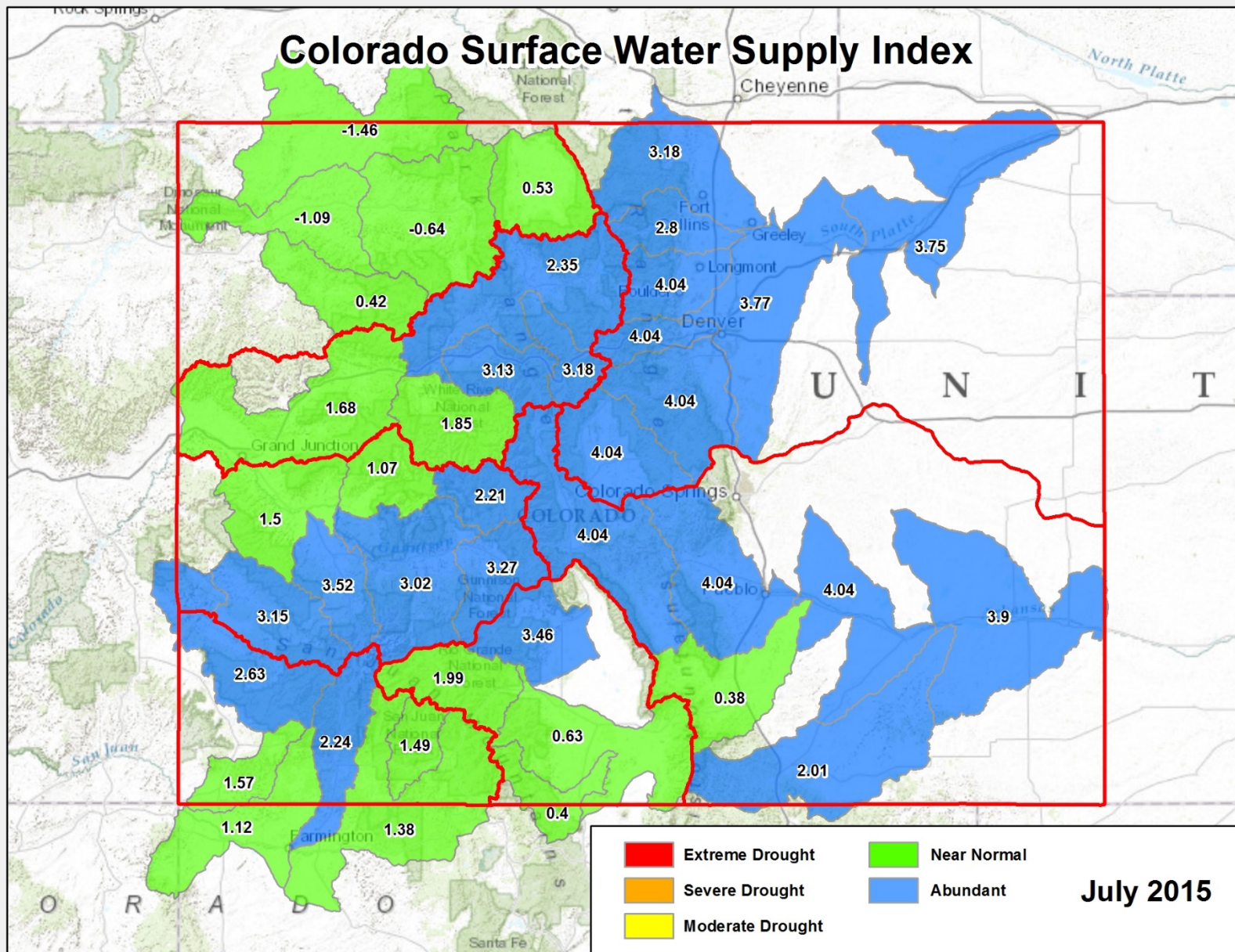


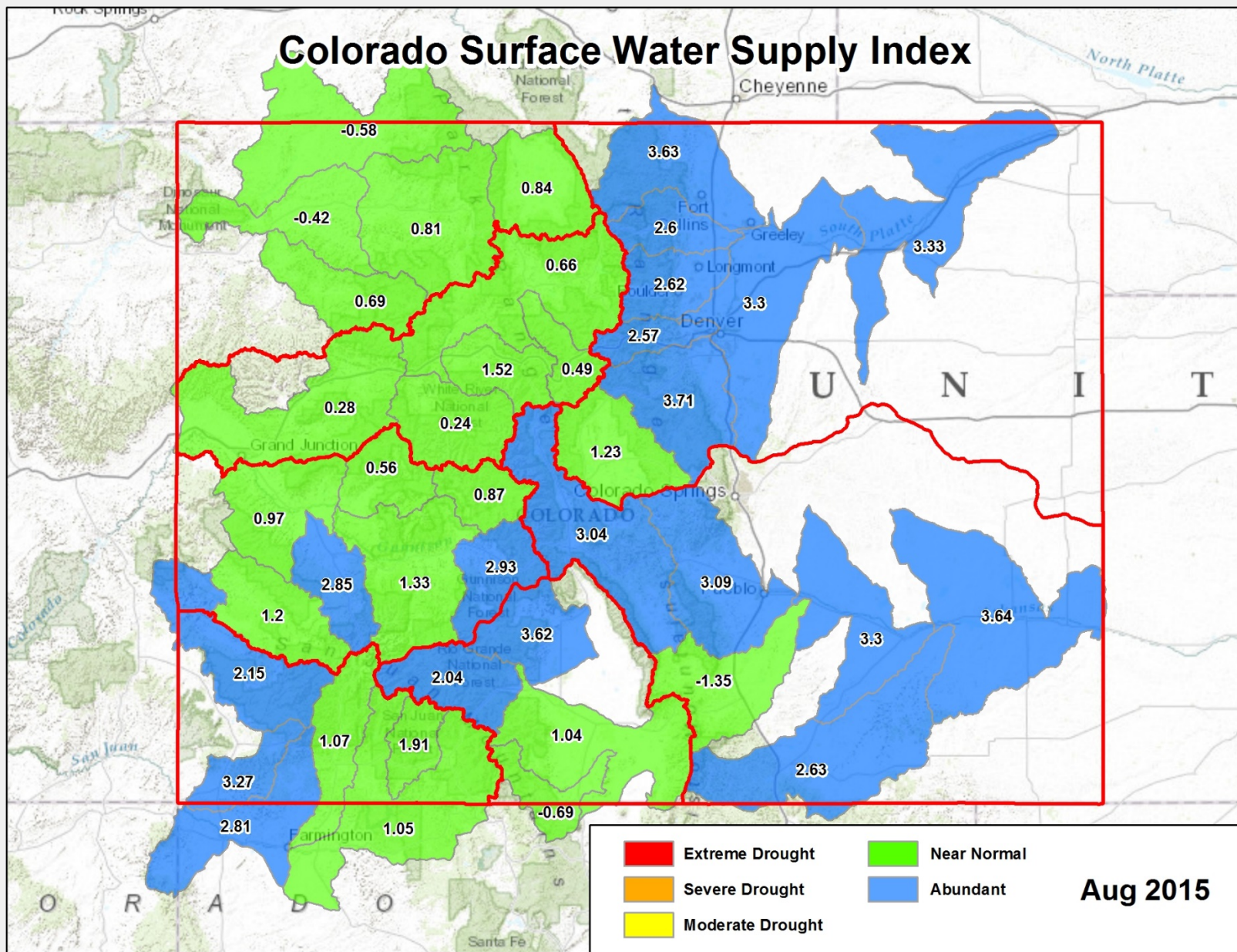
End of August 2015



COLORADO STATEWIDE Reservoir Storage Departure from Average









Summary

- Mountain precip has fallen upon drier weather patterns since mid July. Precip since July 12 has amounted to 2/3 of normal.
- Reservoirs statewide are in relatively good standing
 - Statewide reservoirs are down 3% from last month
 - Ark is the highest it has been since Jan 2000
- SWSI – Some SWSIs decreased into September but in general remain above normal



United States Department of Agriculture

Colorado Snow Surveys

Water Availability Task Force Meeting

September 23rd, 2015

NRCS Snow Survey and Water Supply Forecasting Program

Brian Domonkos

Colorado Data Collection Officer

720-544-2852

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