

Water Availability Task Force Meeting

May 16th, 2014

NRCS Snow Survey and Water Supply Forecasting Program

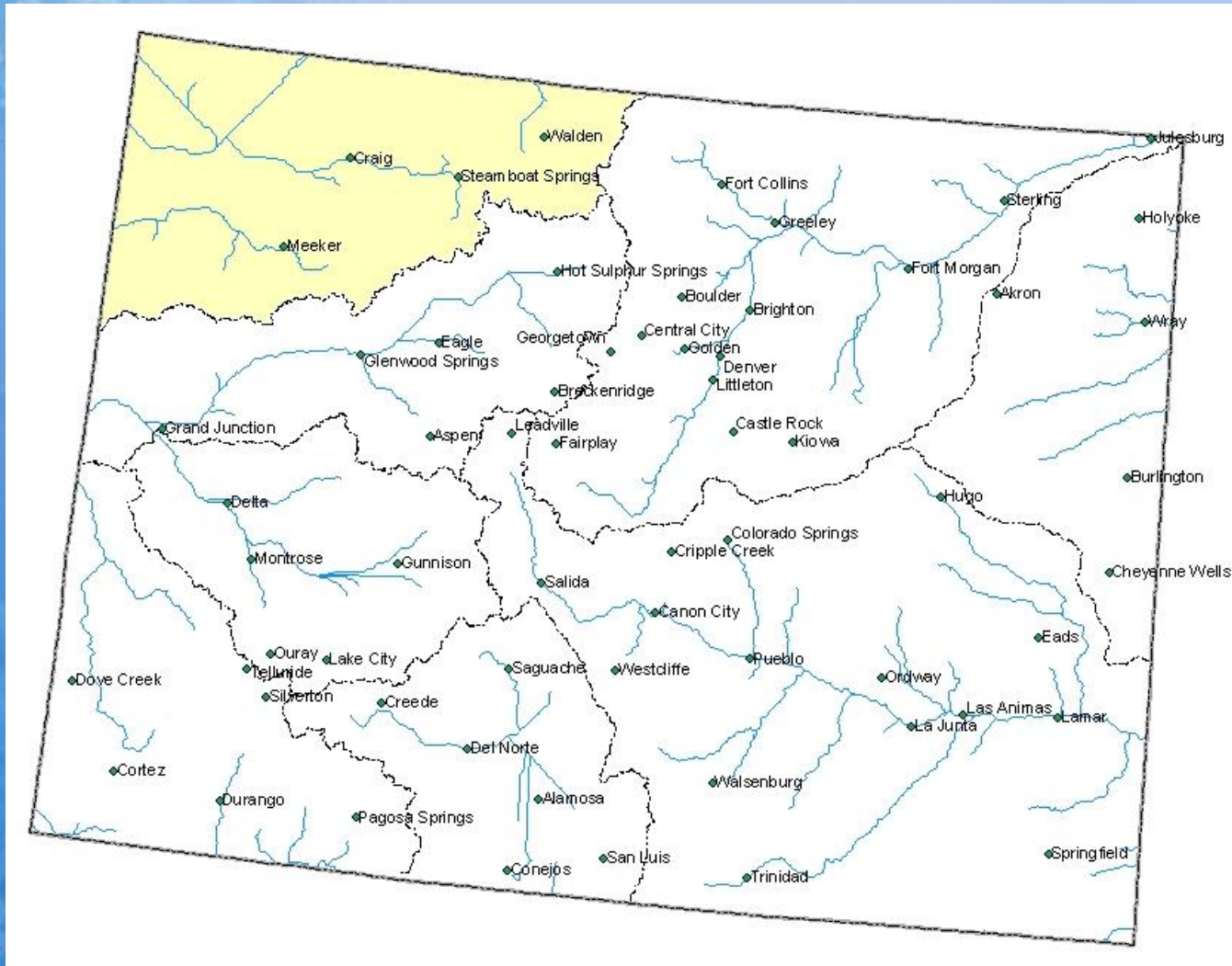
Brian Domonkos

Colorado Snow Survey Supervisor

720-544-2852

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

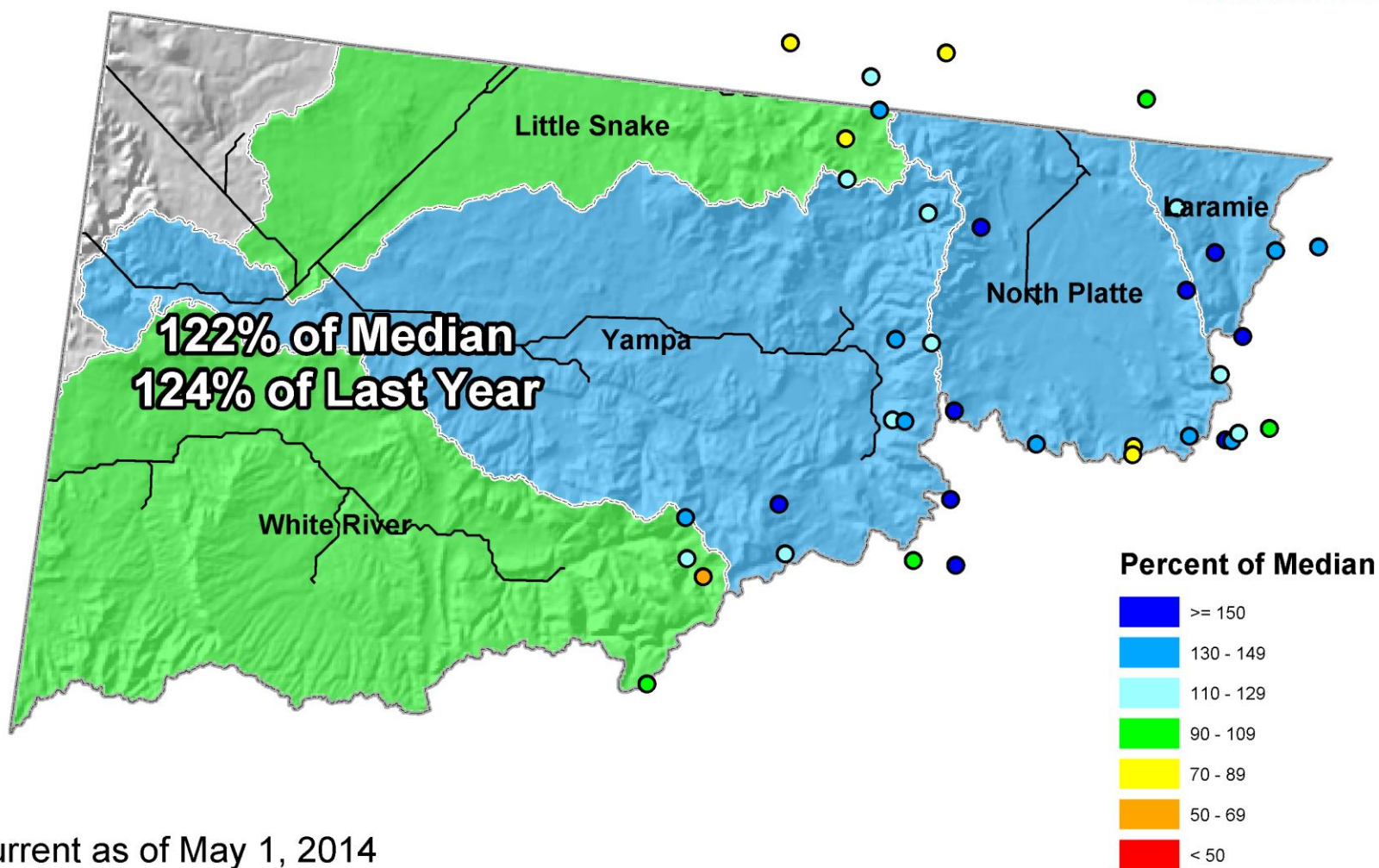
Yampa, White & North Platte River Basins Summary



Yampa, White and North Platte River Basins Snowpack Map



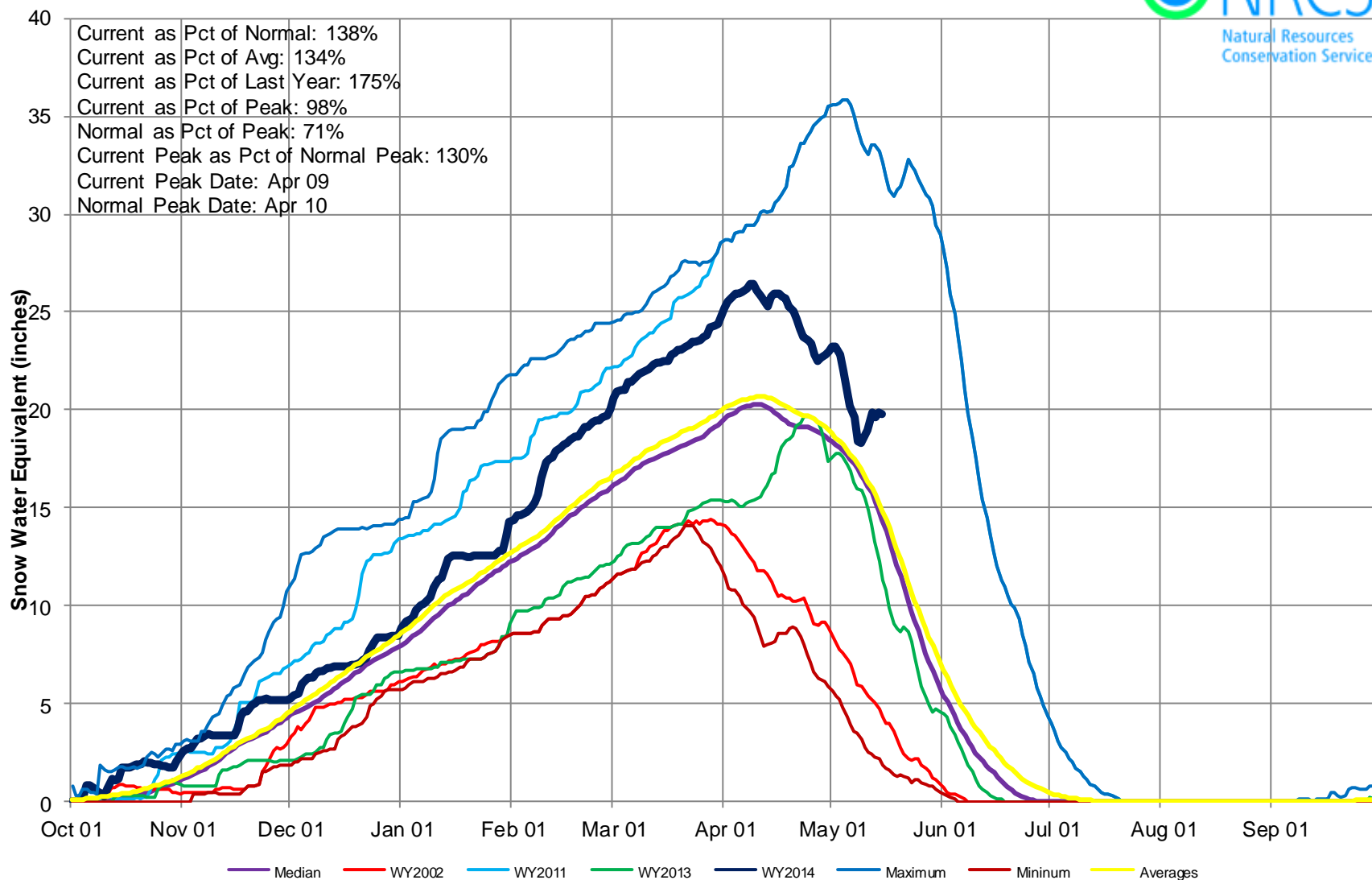
*Provisional Data
Subject to Revision*



Current as of May 1, 2014

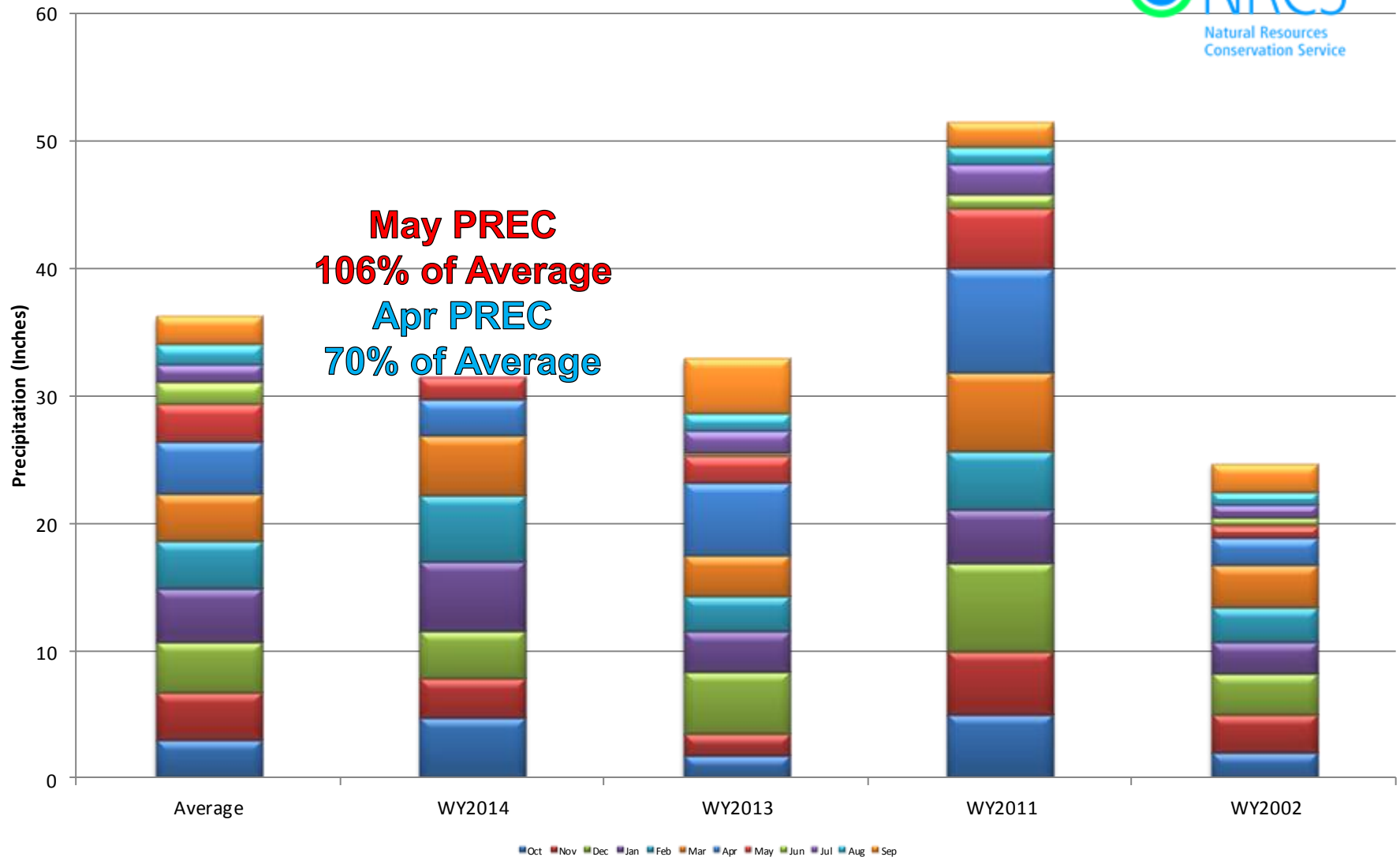
Yampa, White & North Platte River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 15, 2014



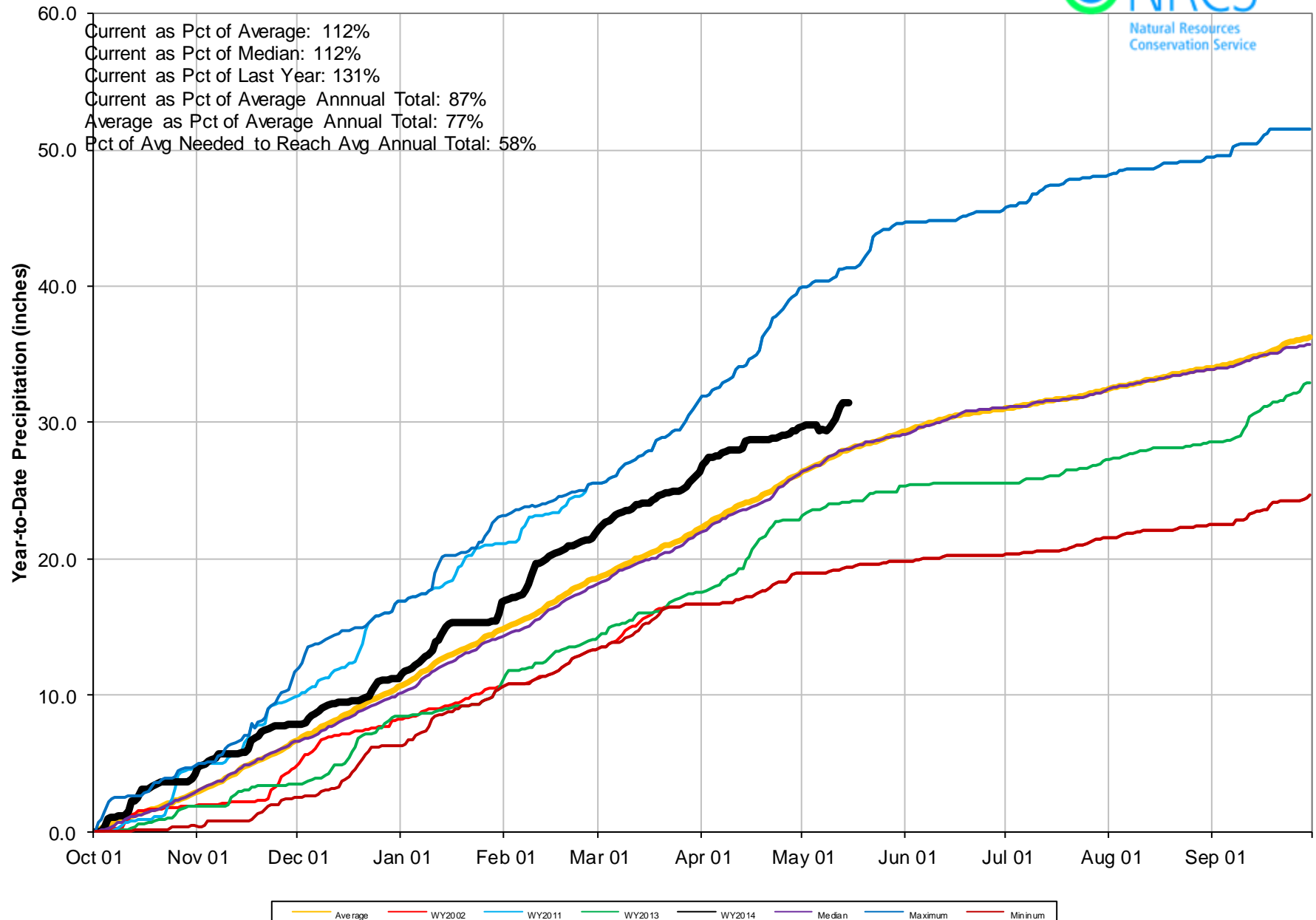
Yampa & White River Basins High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



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

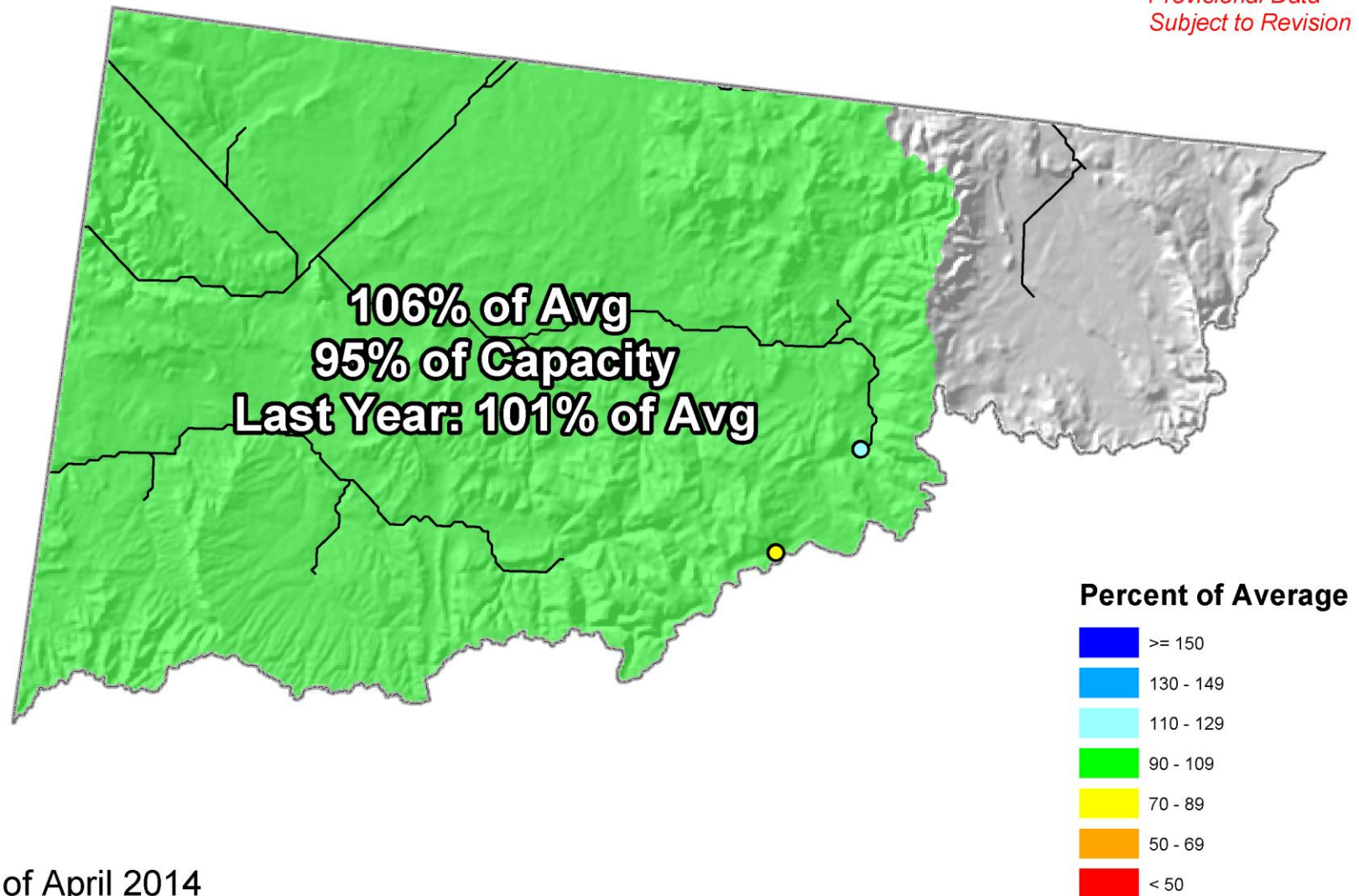
Based on Provisional SNOTEL data as of May 15, 2014



Yampa & White River Basins Reservoir Storage Map

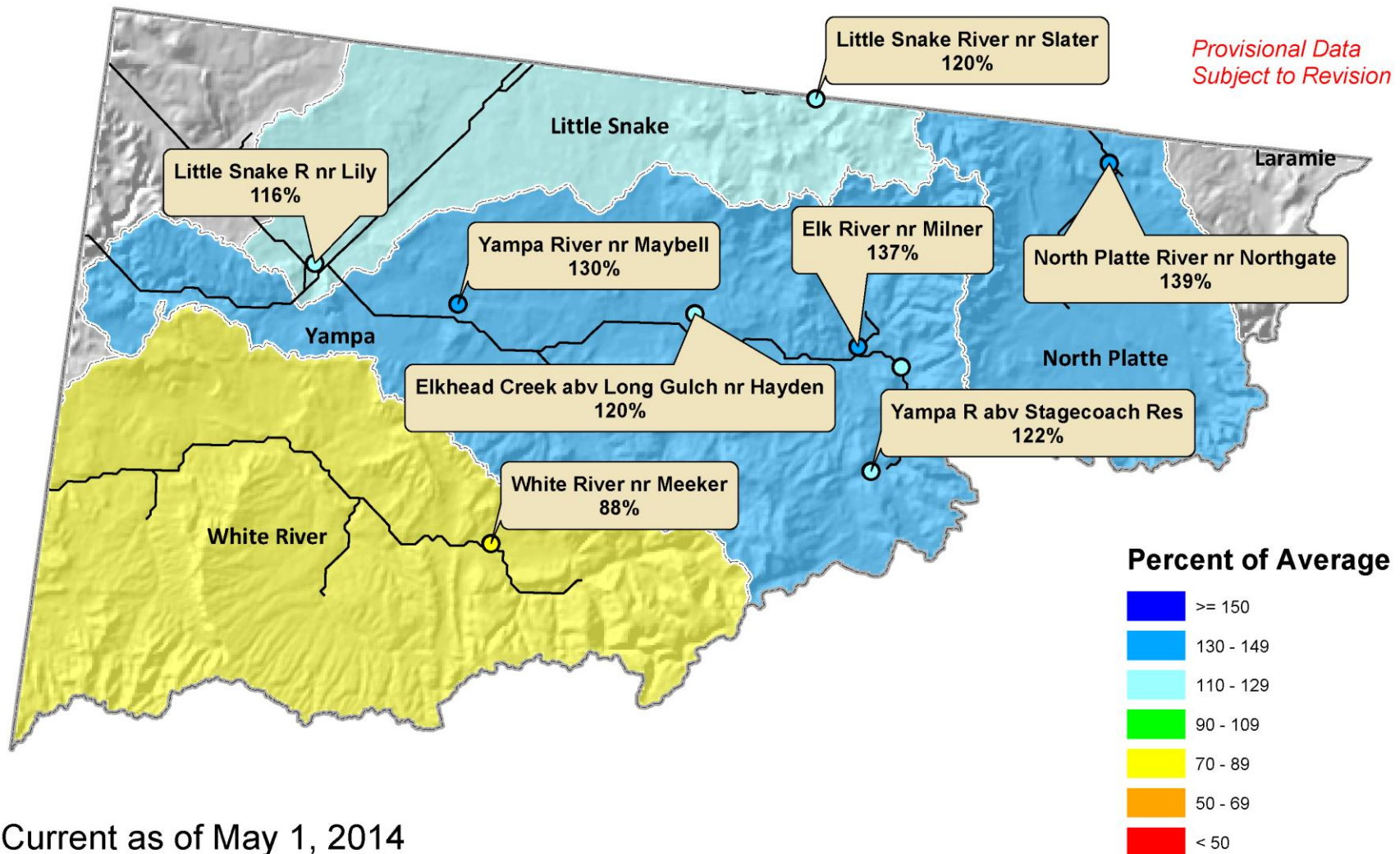


*Provisional Data
Subject to Revision*

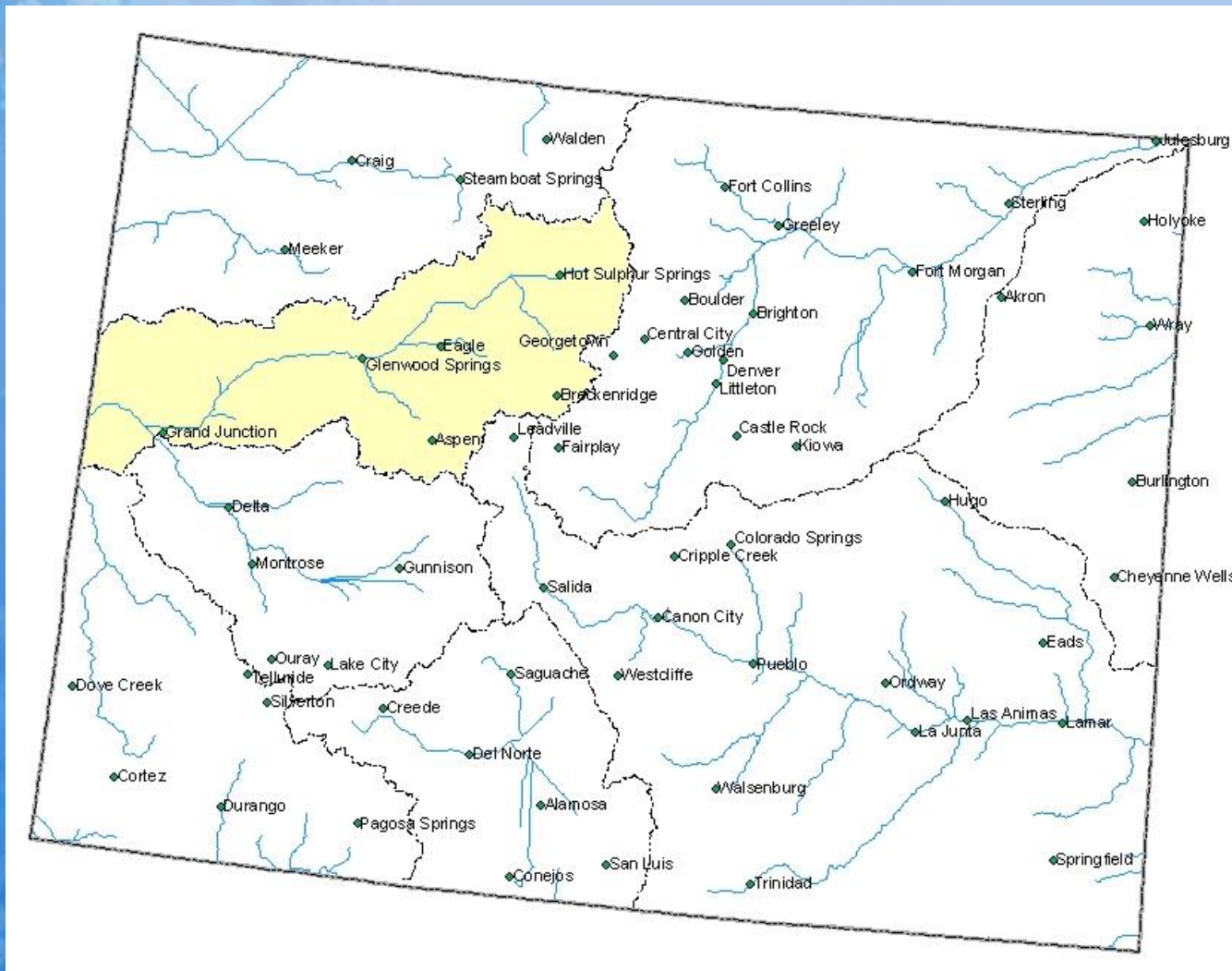


End of April 2014

Yampa, White and North Platte River Basins Streamflow Map



Colorado River Basin Summary

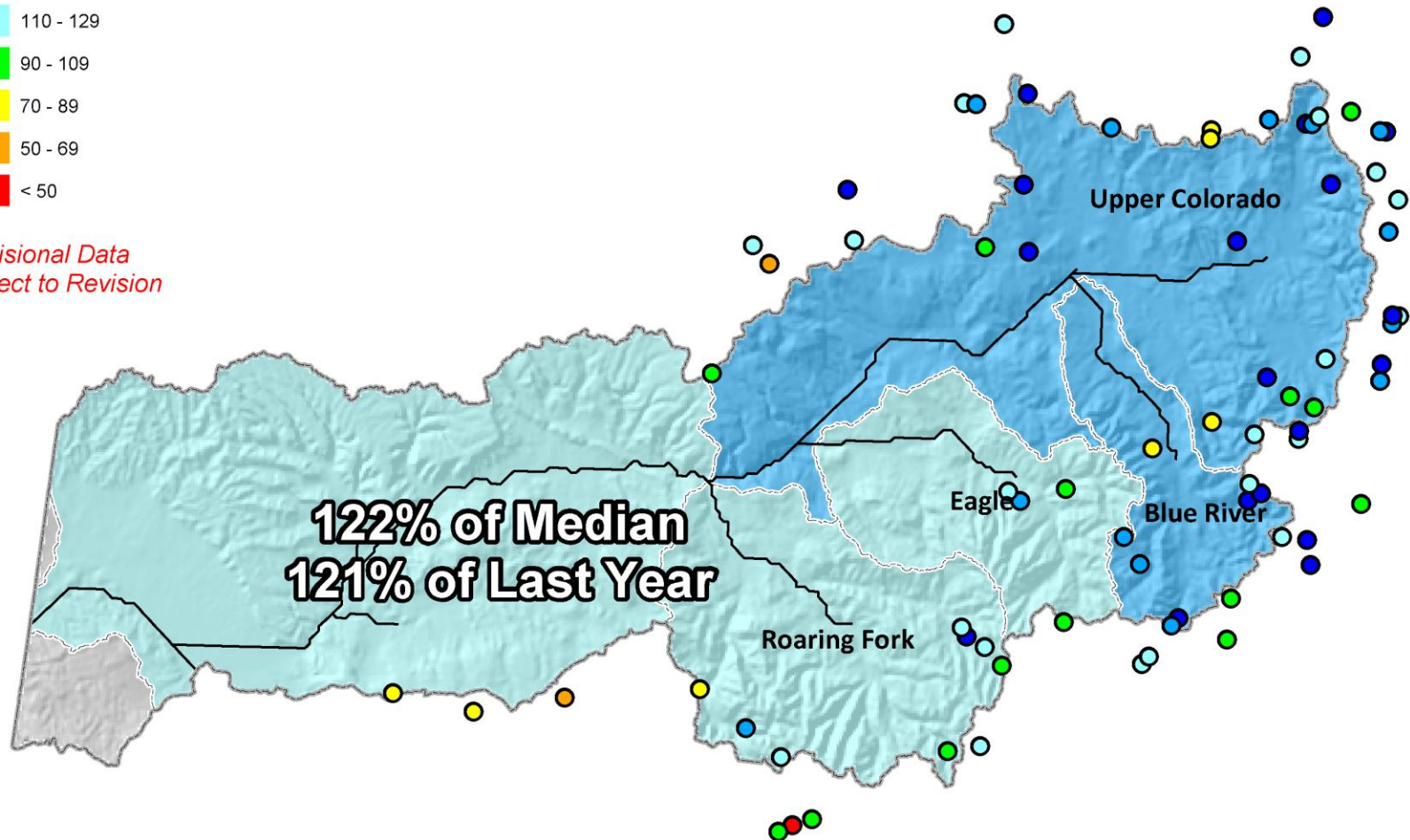


Colorado River Basin Snowpack Map

Percent of Median



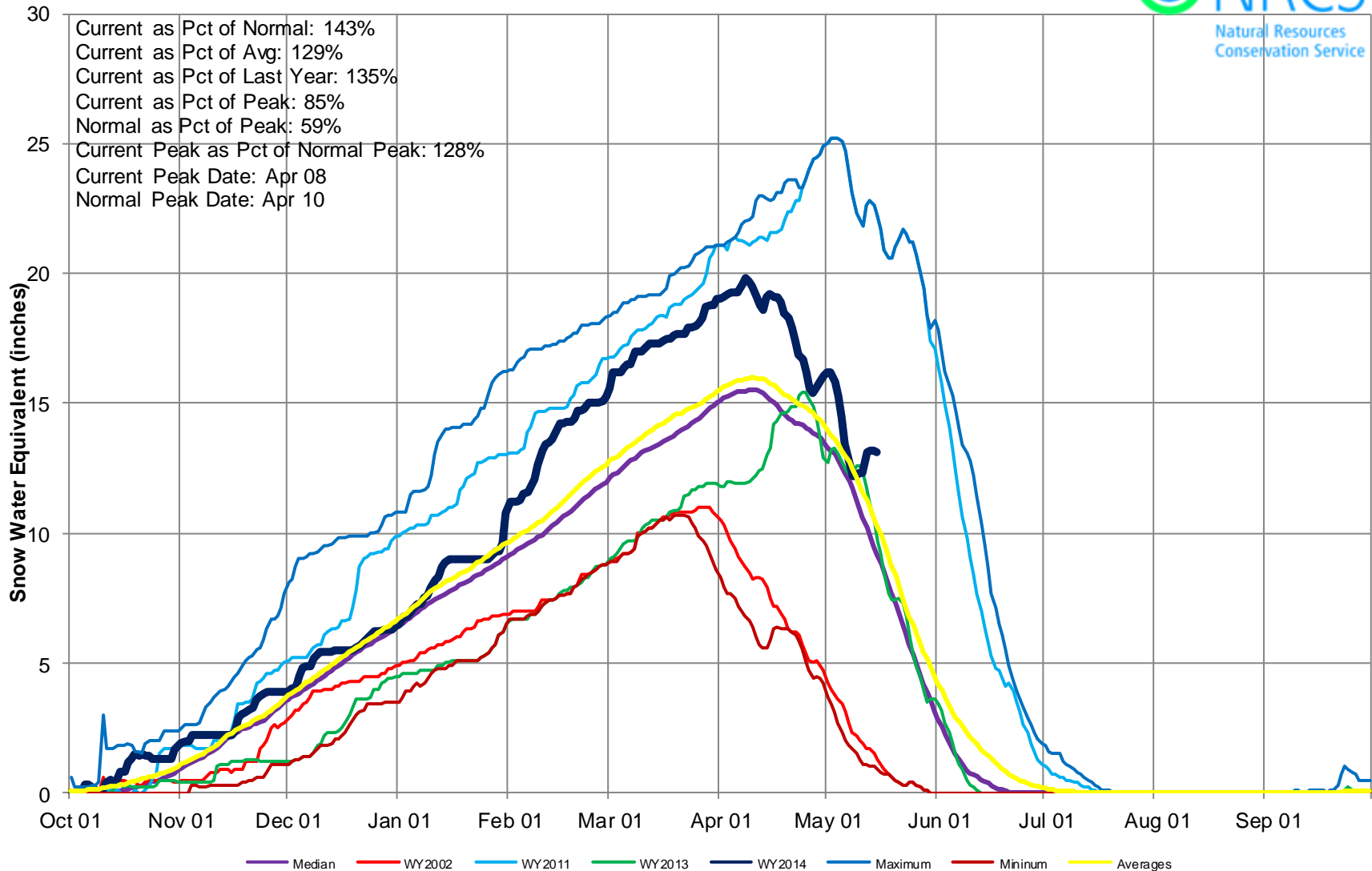
*Provisional Data
Subject to Revision*



Current as of May 1, 2014

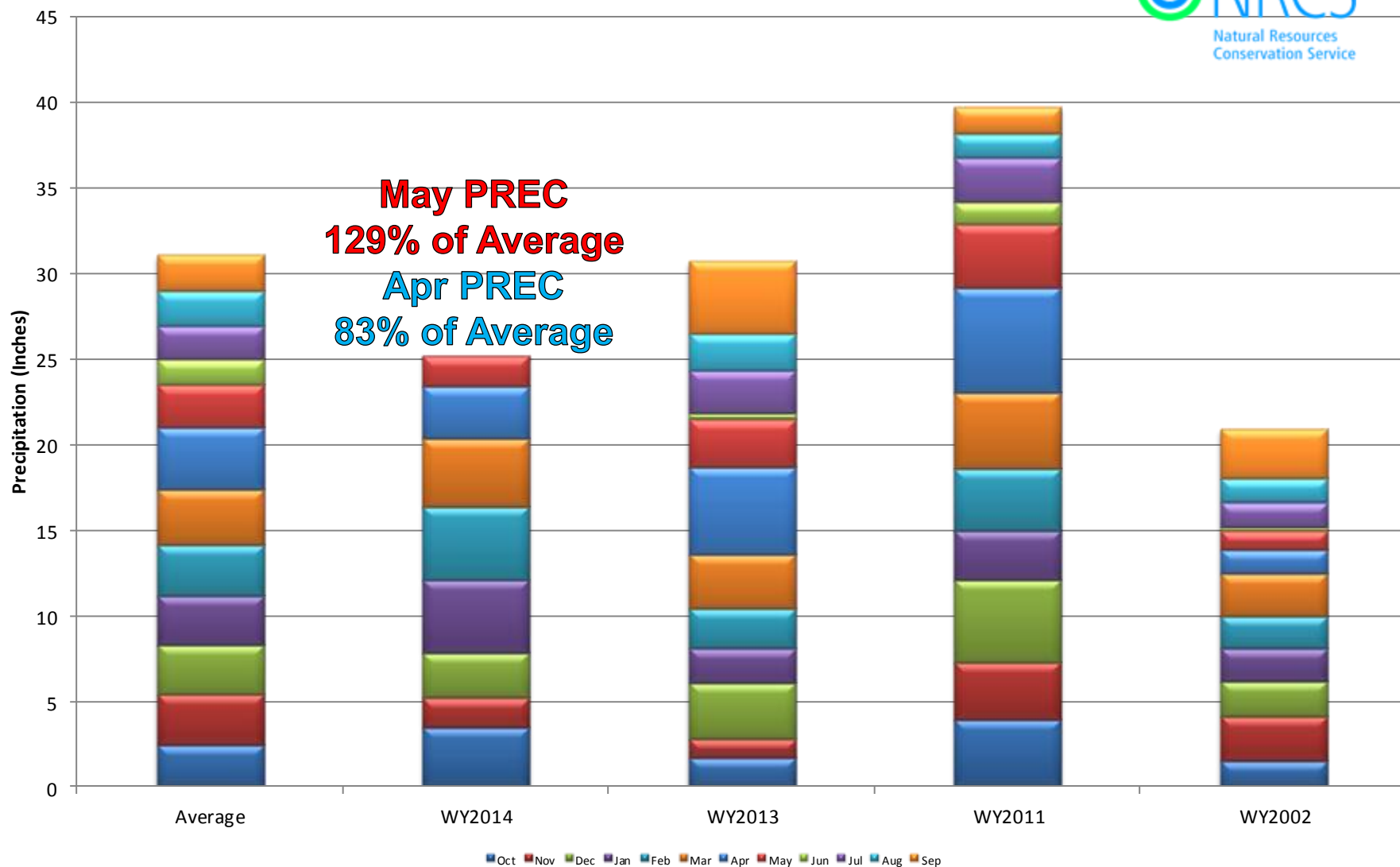
Upper Colorado River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 15, 2014



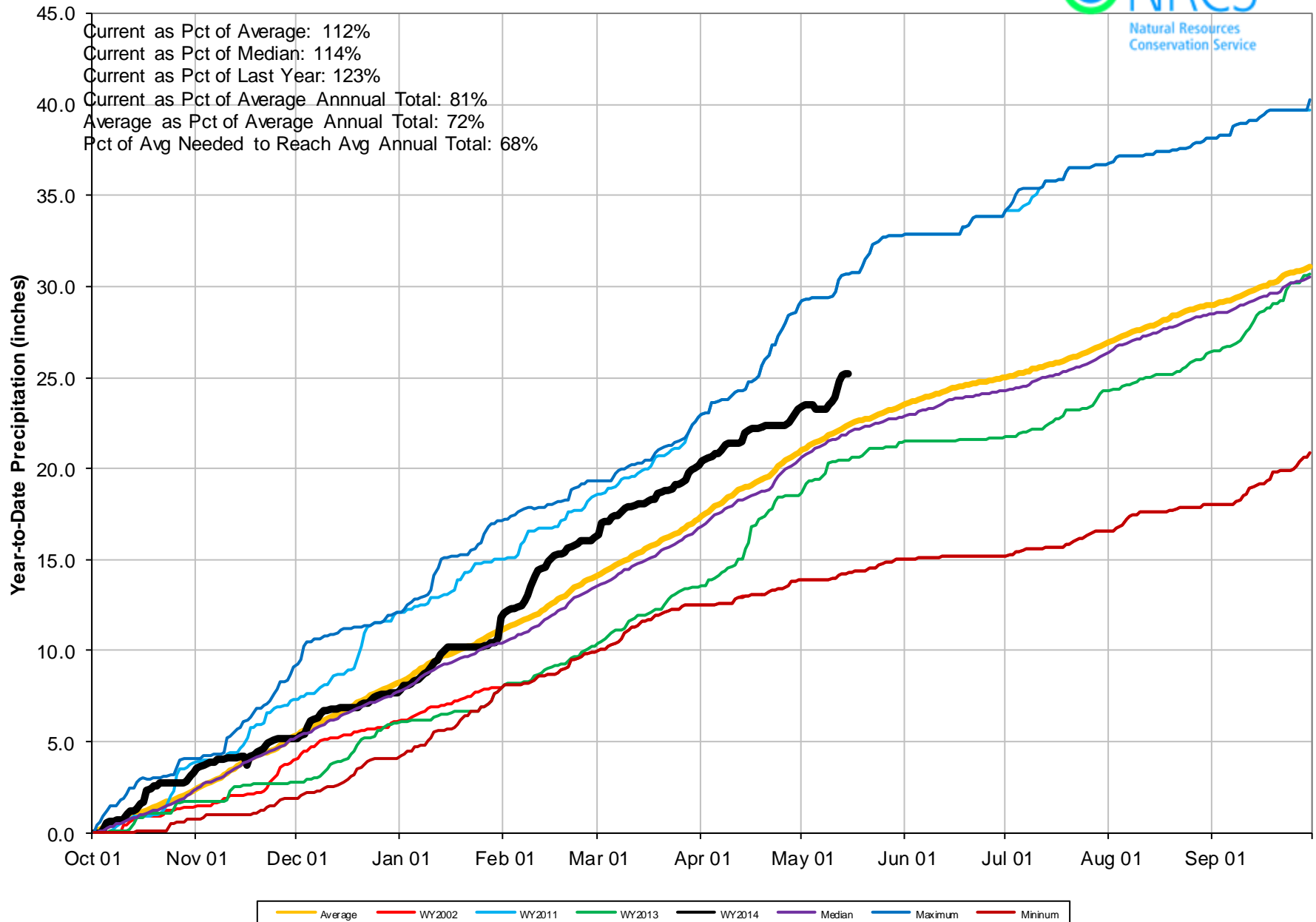
Upper Colorado River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



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

Based on Provisional SNOTEL data as of May 15, 2014

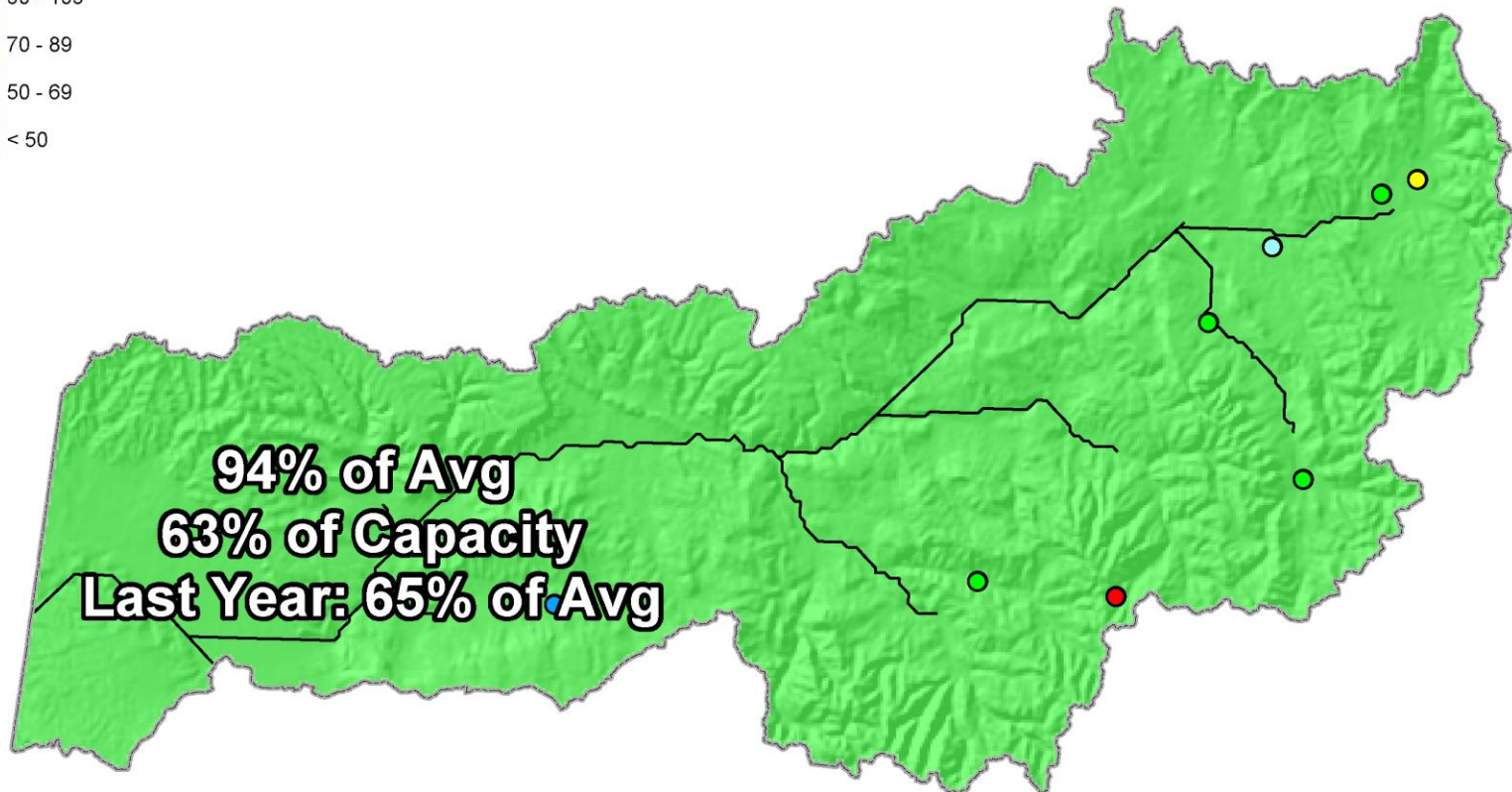


Colorado River Basin Reservoir Storage Map

Percent of Average



*Provisional Data
Subject to Revision*



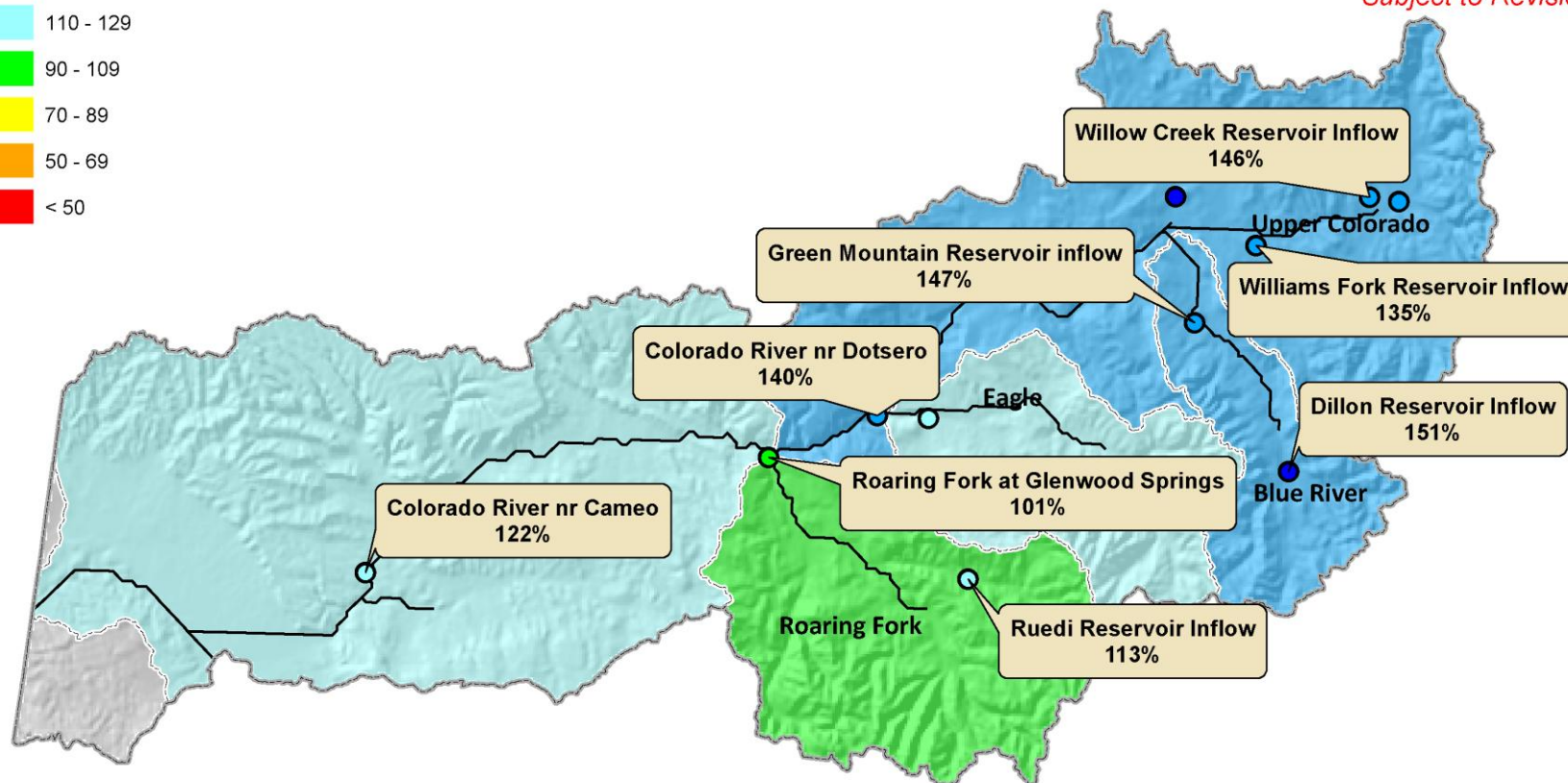
End of April 2014

Colorado River Basin Streamflow Forecast Map

Percent of Average

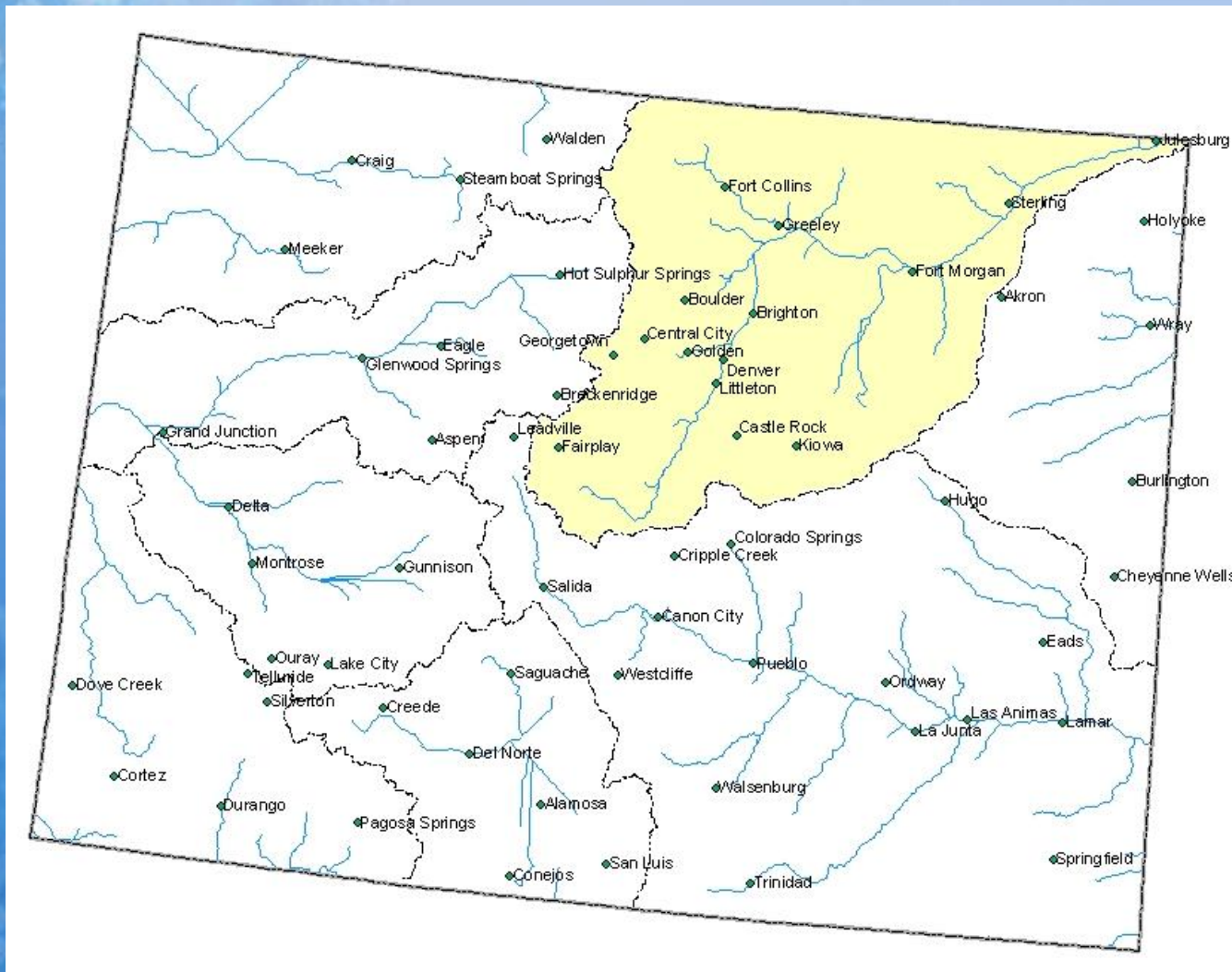


*Provisional Data
Subject to Revision*



Current as of May 1, 2014

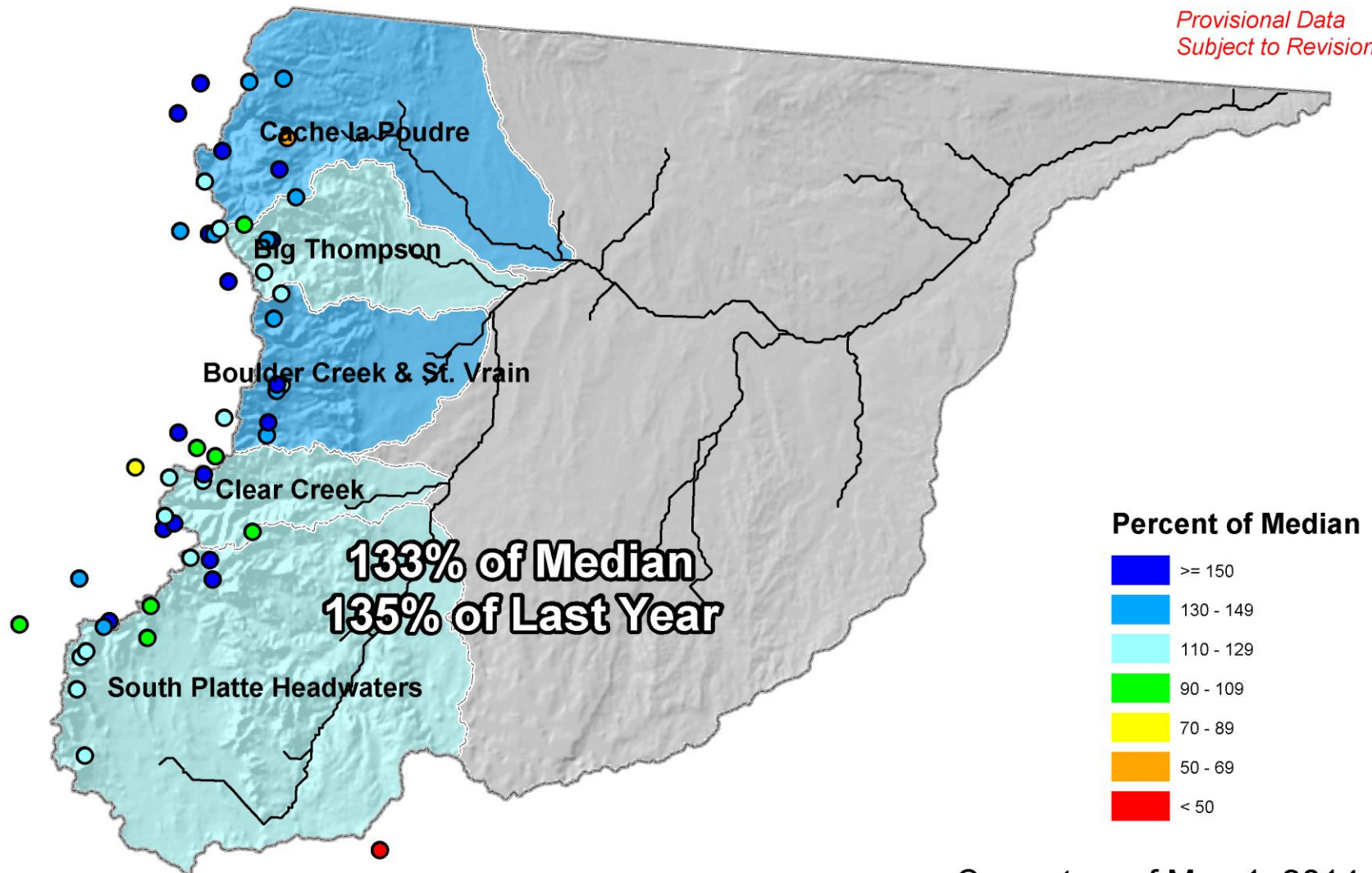
South Platte River Basin Summary



South Platte River Basin Snowpack Map

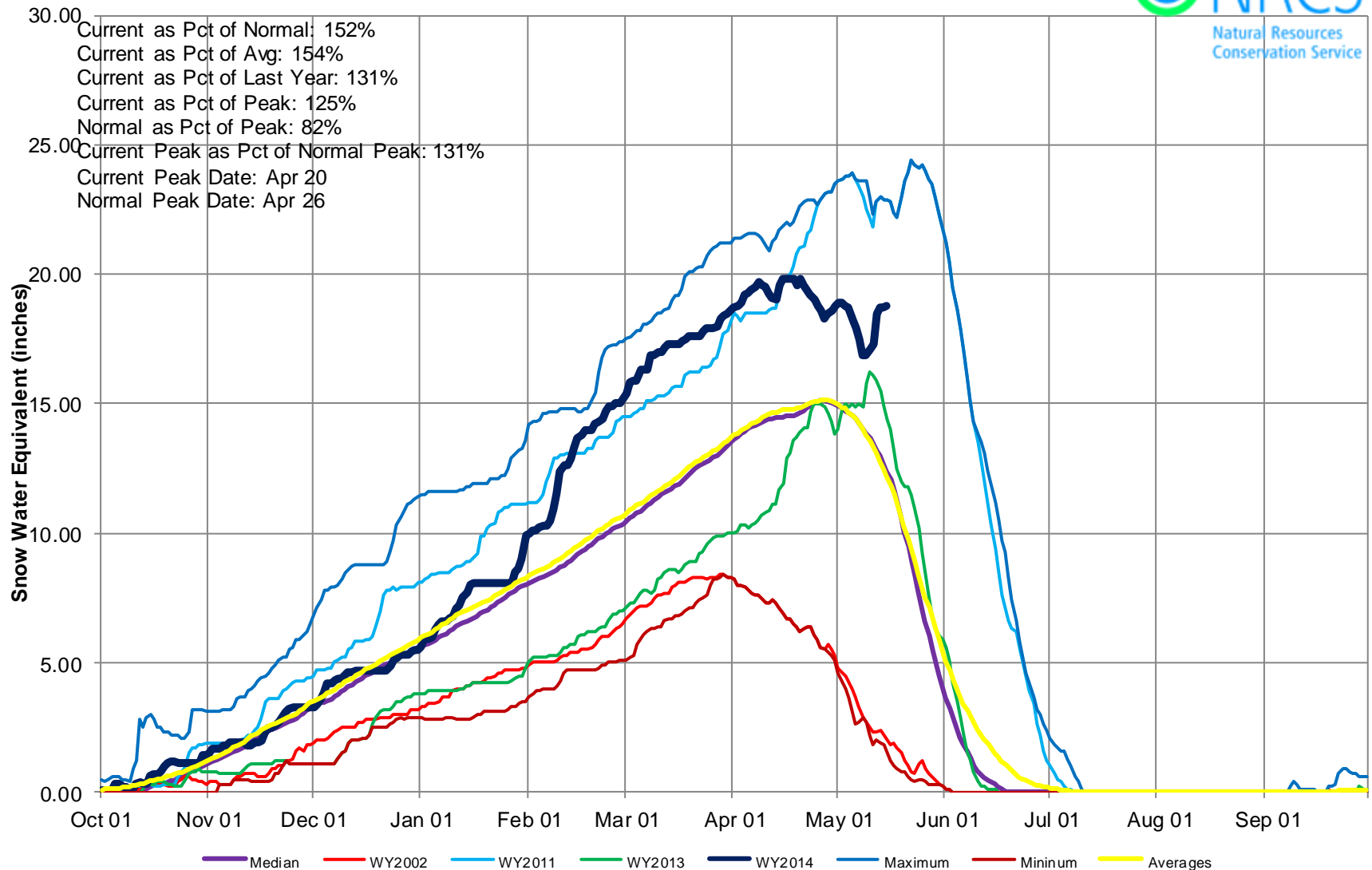


*Provisional Data
Subject to Revision*



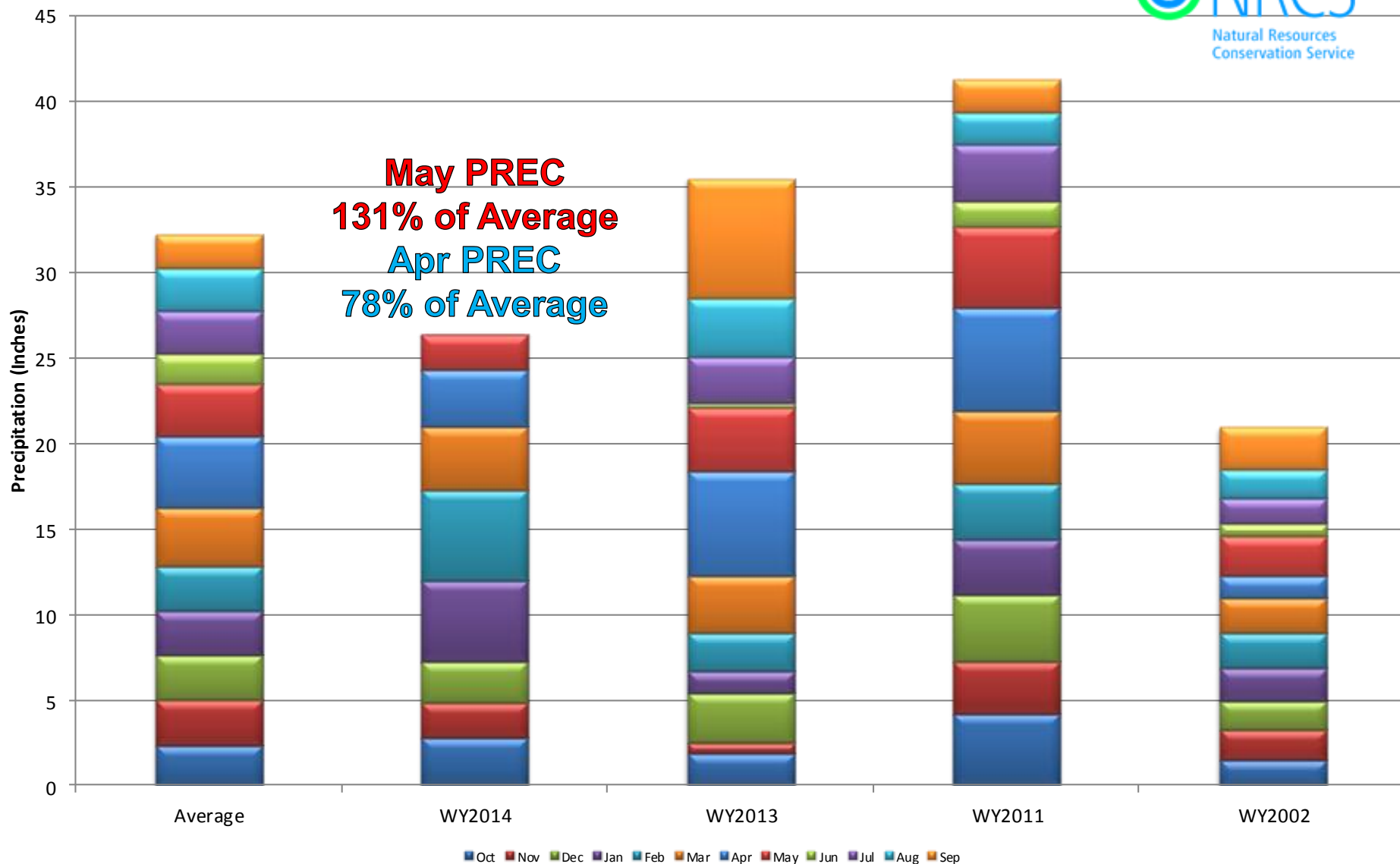
Current as of May 1, 2014

Based on Provisional SNOTEL data as of May 15, 2014



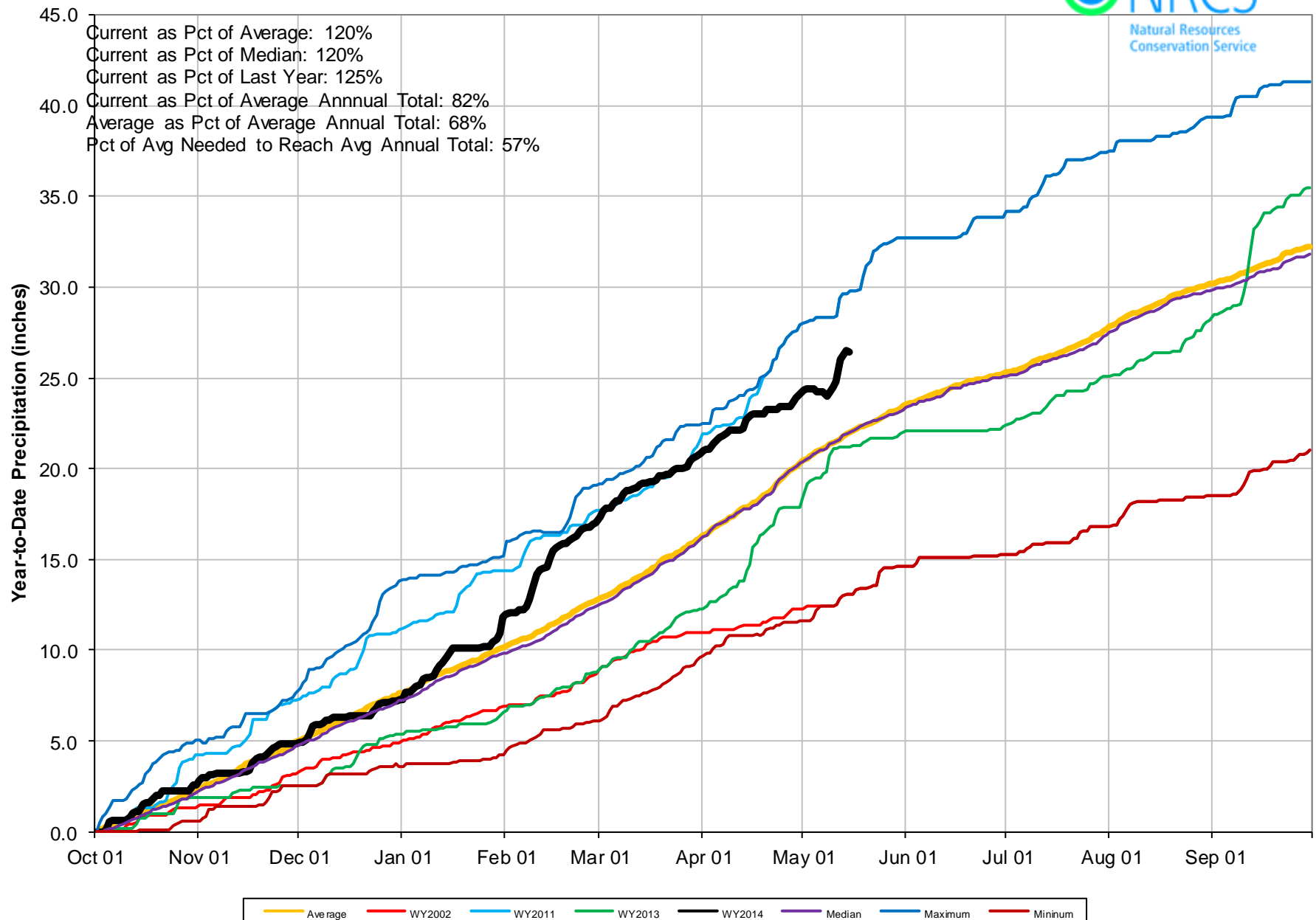
South Platte River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



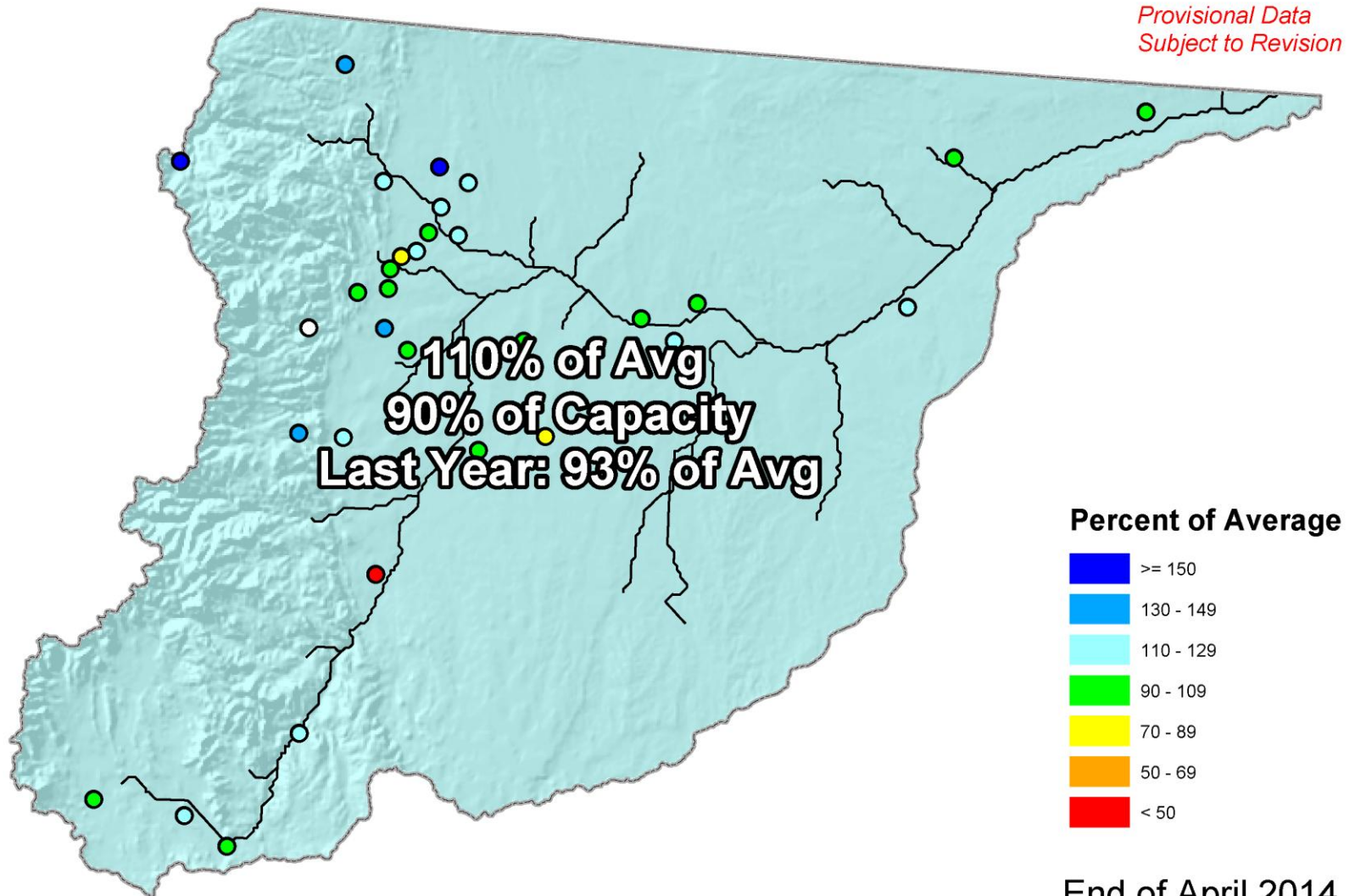
South Platte River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



South Platte River Basin Reservoir Storage Map

*Provisional Data
Subject to Revision*

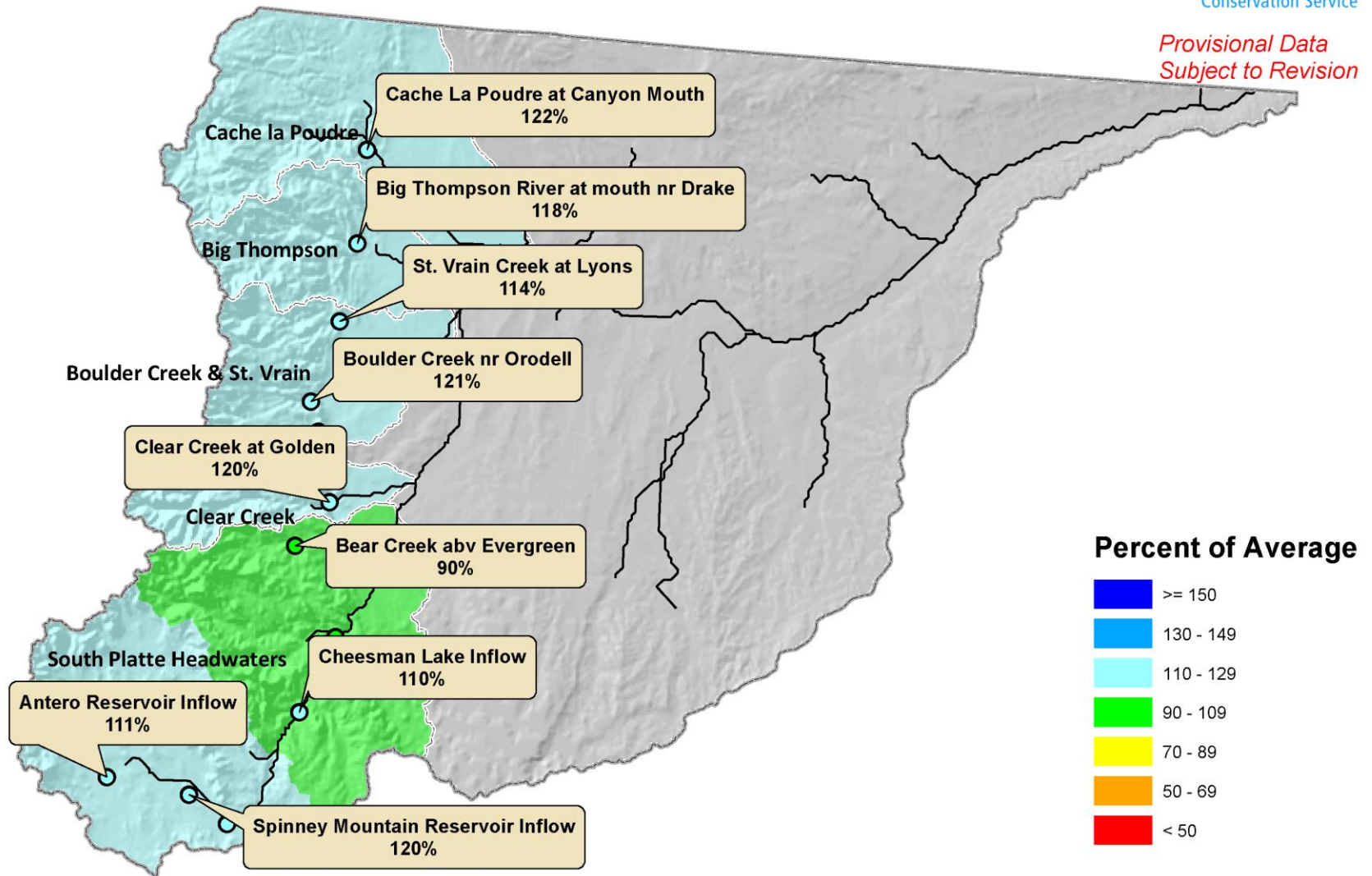


End of April 2014

South Platte River Basin Streamflow Forecast Map

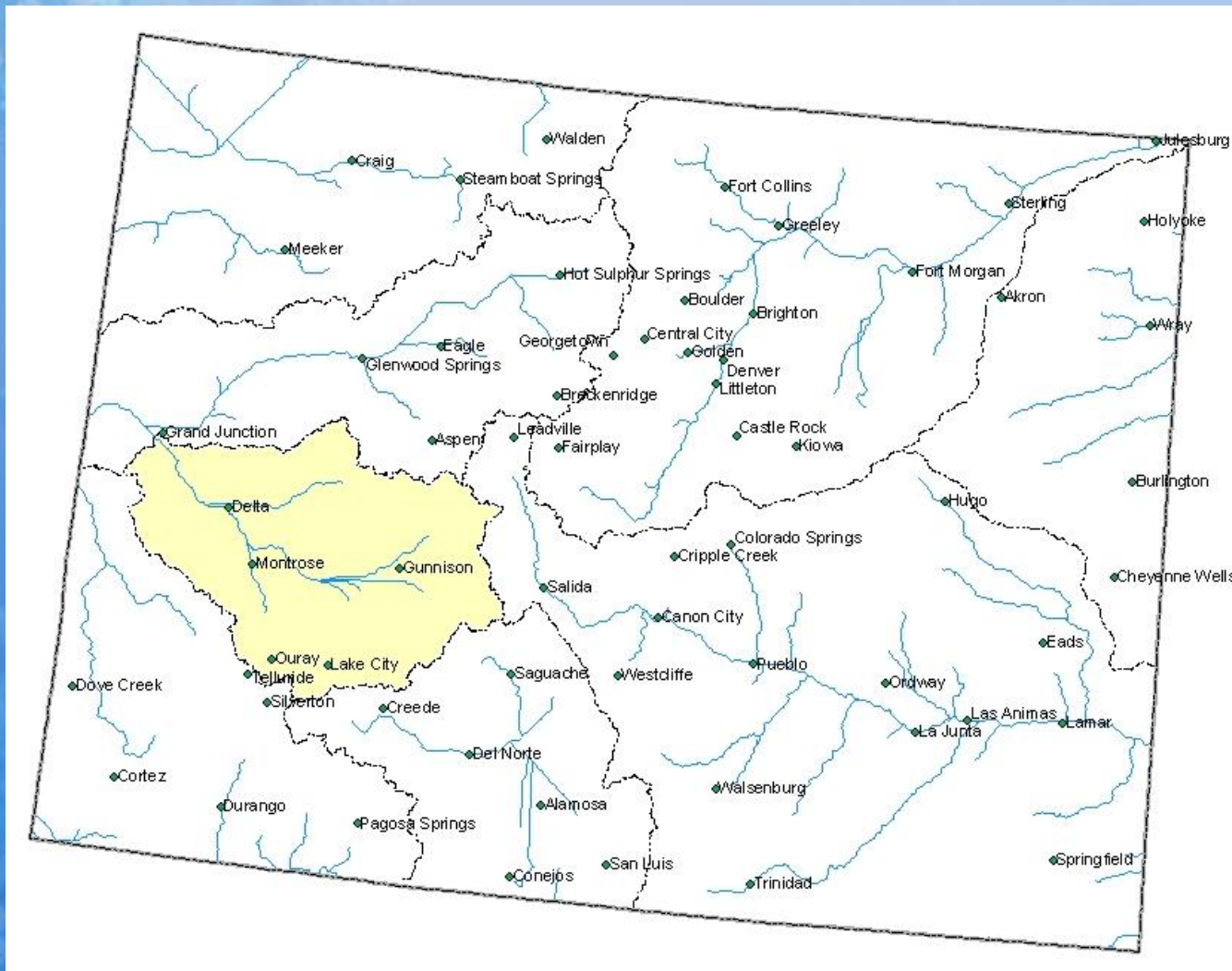


*Provisional Data
Subject to Revision*



Current as of May 1, 2014

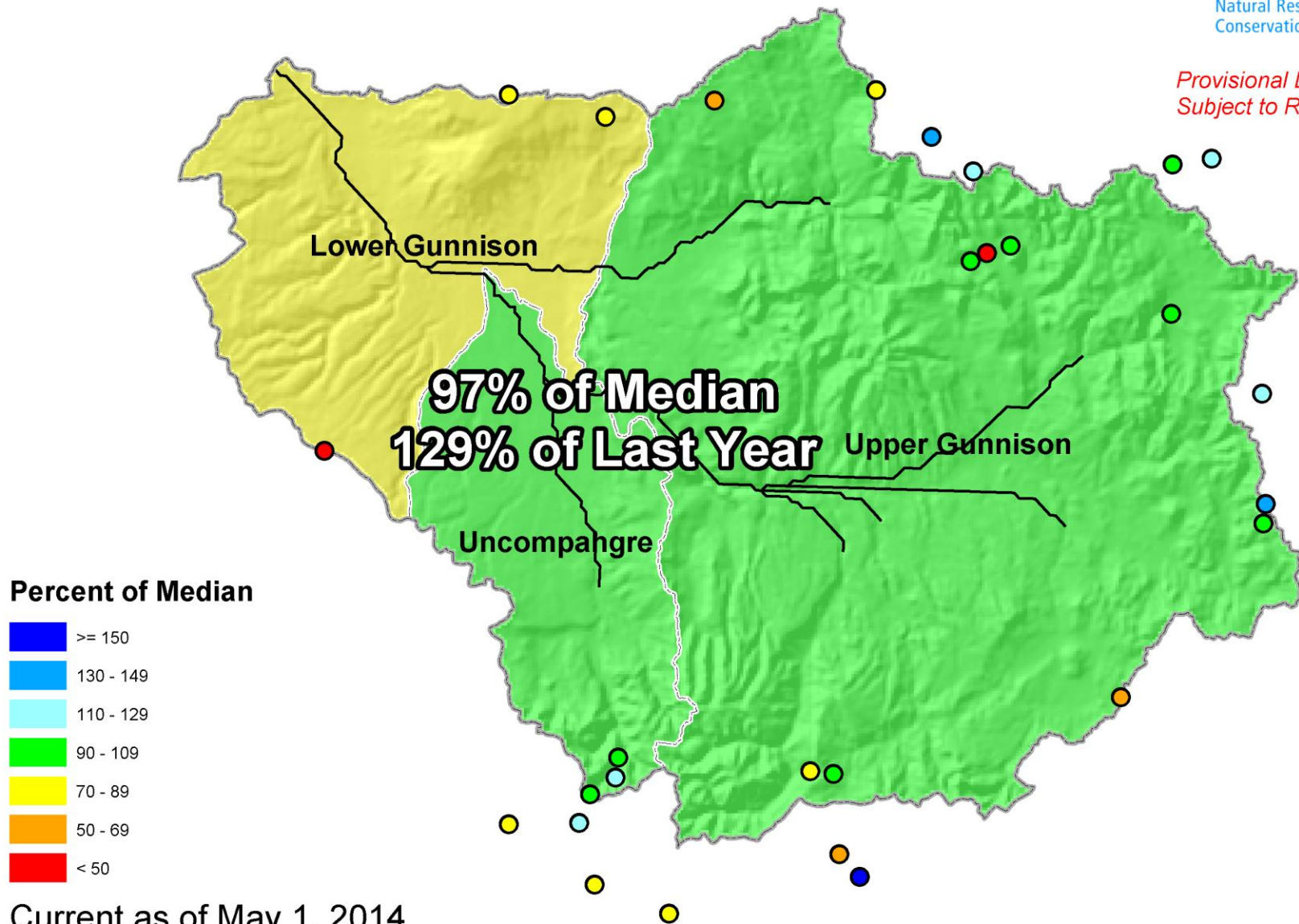
Gunnison River Basin Summary



Gunnison River Basin Snowpack Map



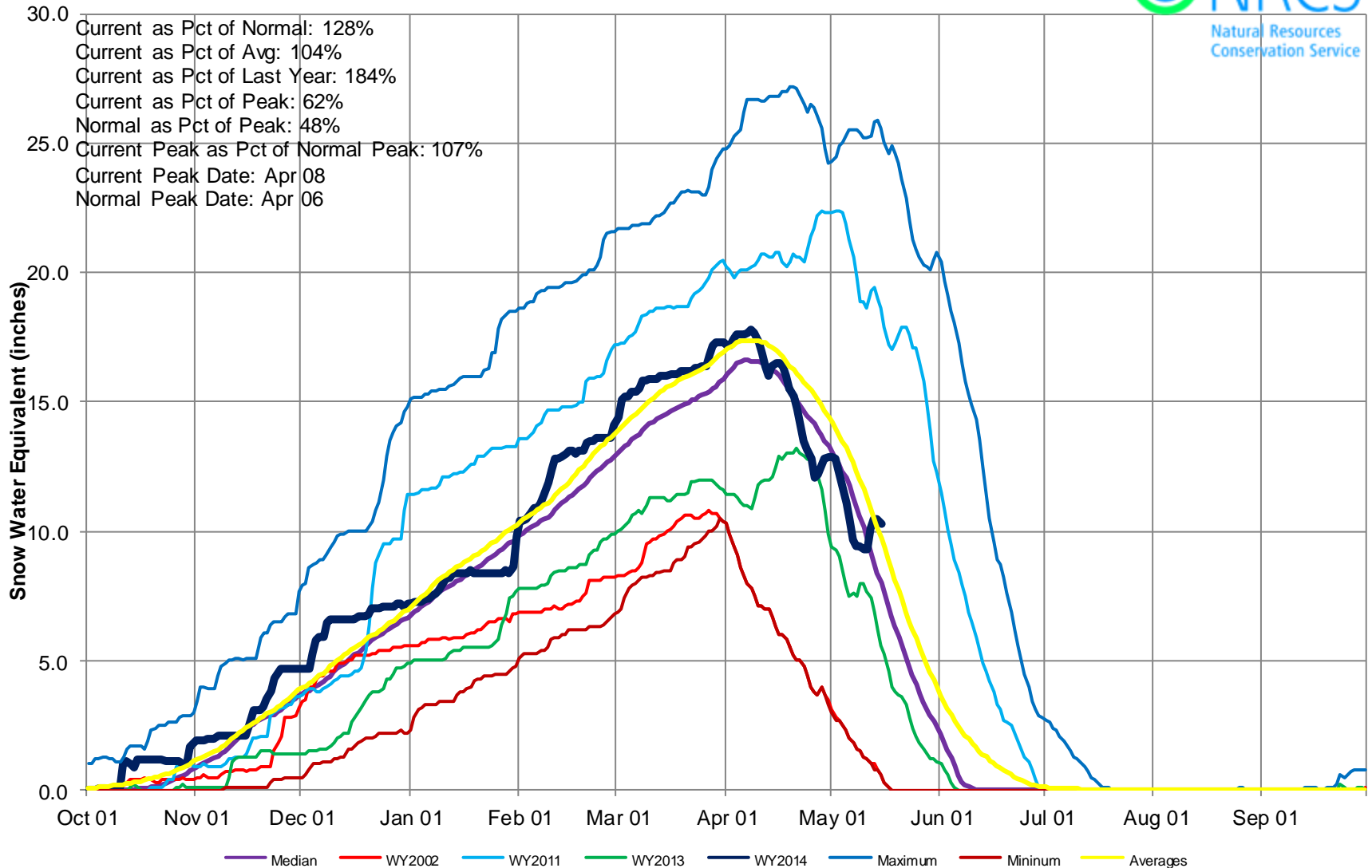
*Provisional Data
Subject to Revision*



Current as of May 1, 2014

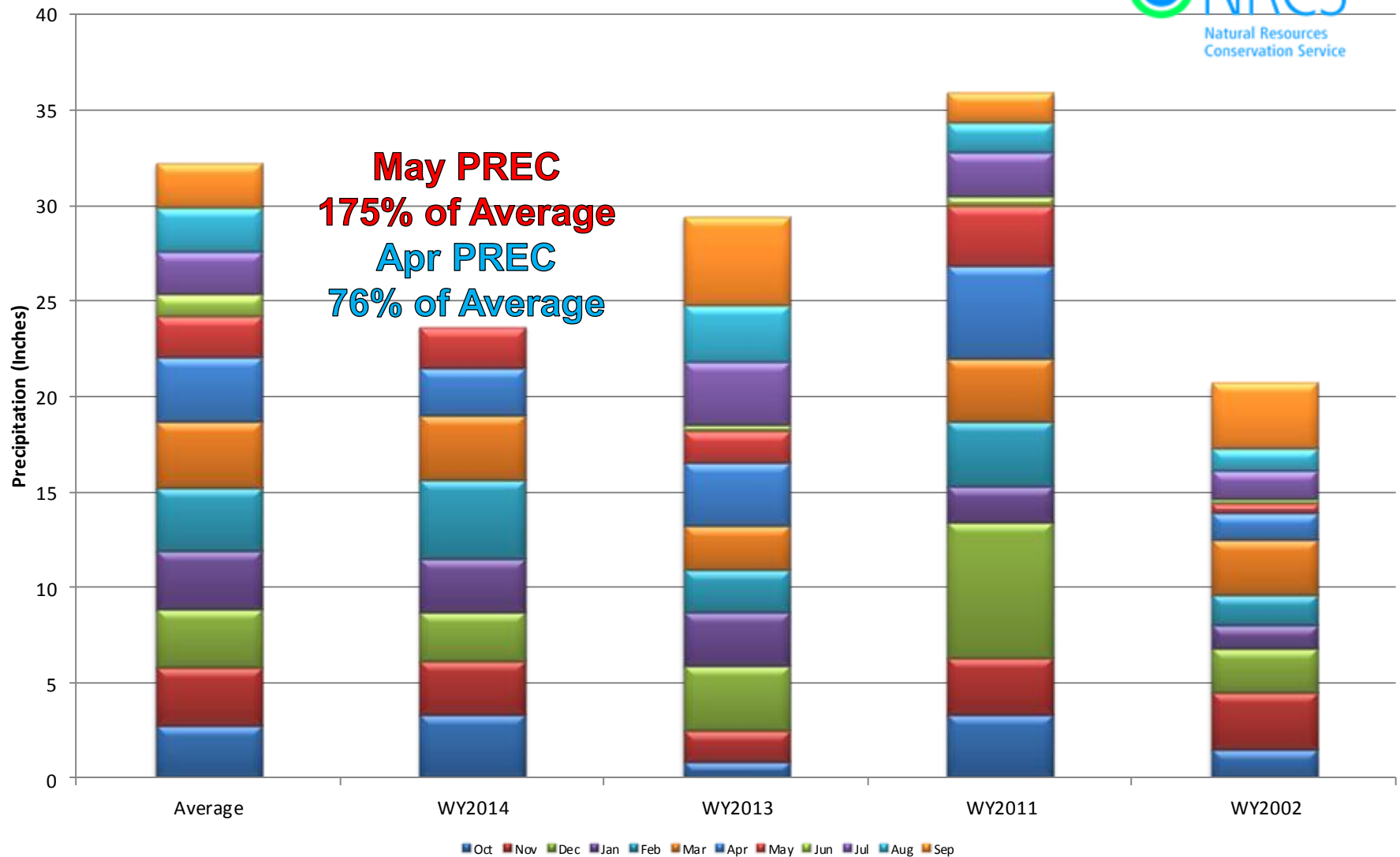
Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 15, 2014



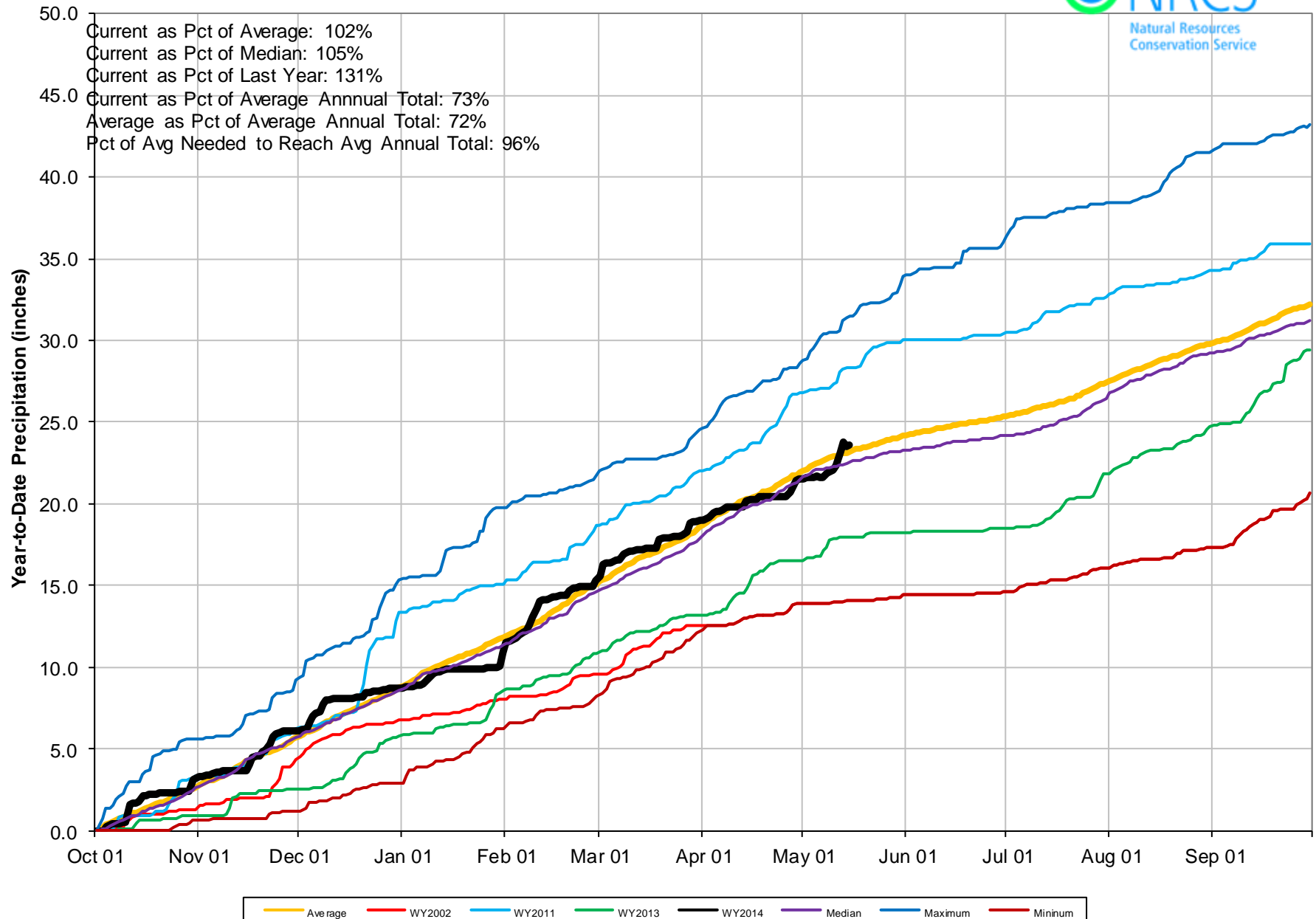
Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



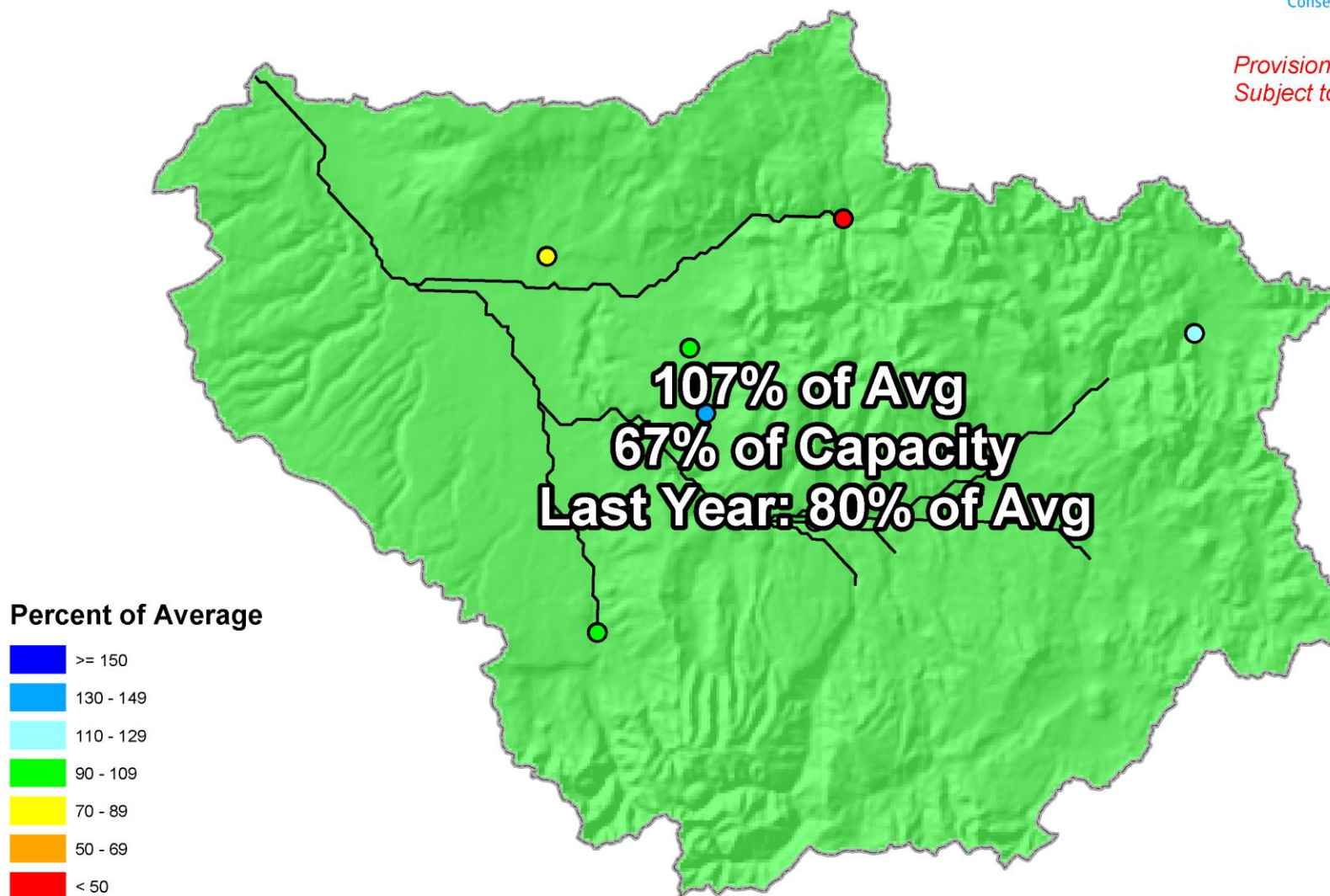
Gunnison River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



Gunnison River Basin Reservoir Storage Map

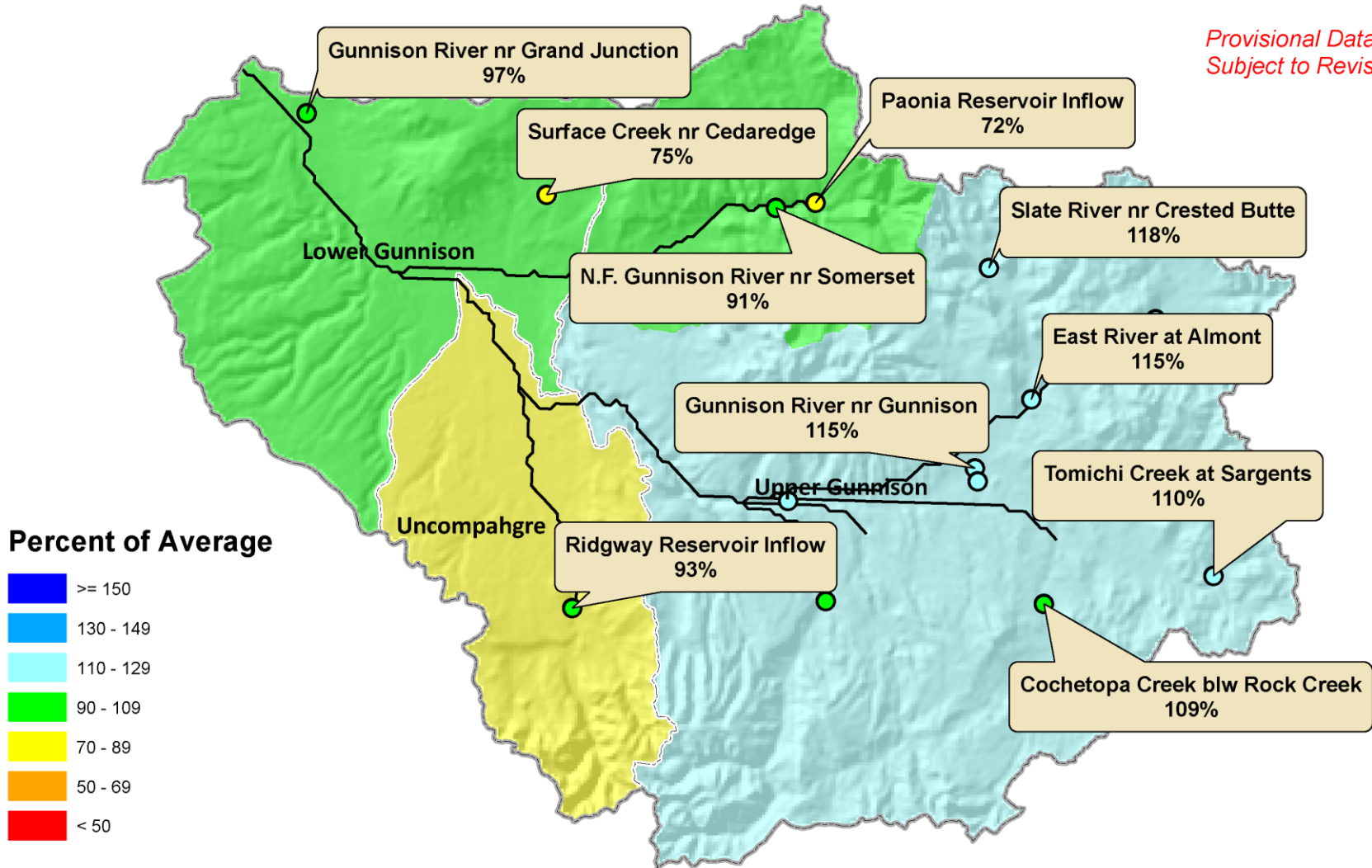
*Provisional Data
Subject to Revision*



End of April 2014

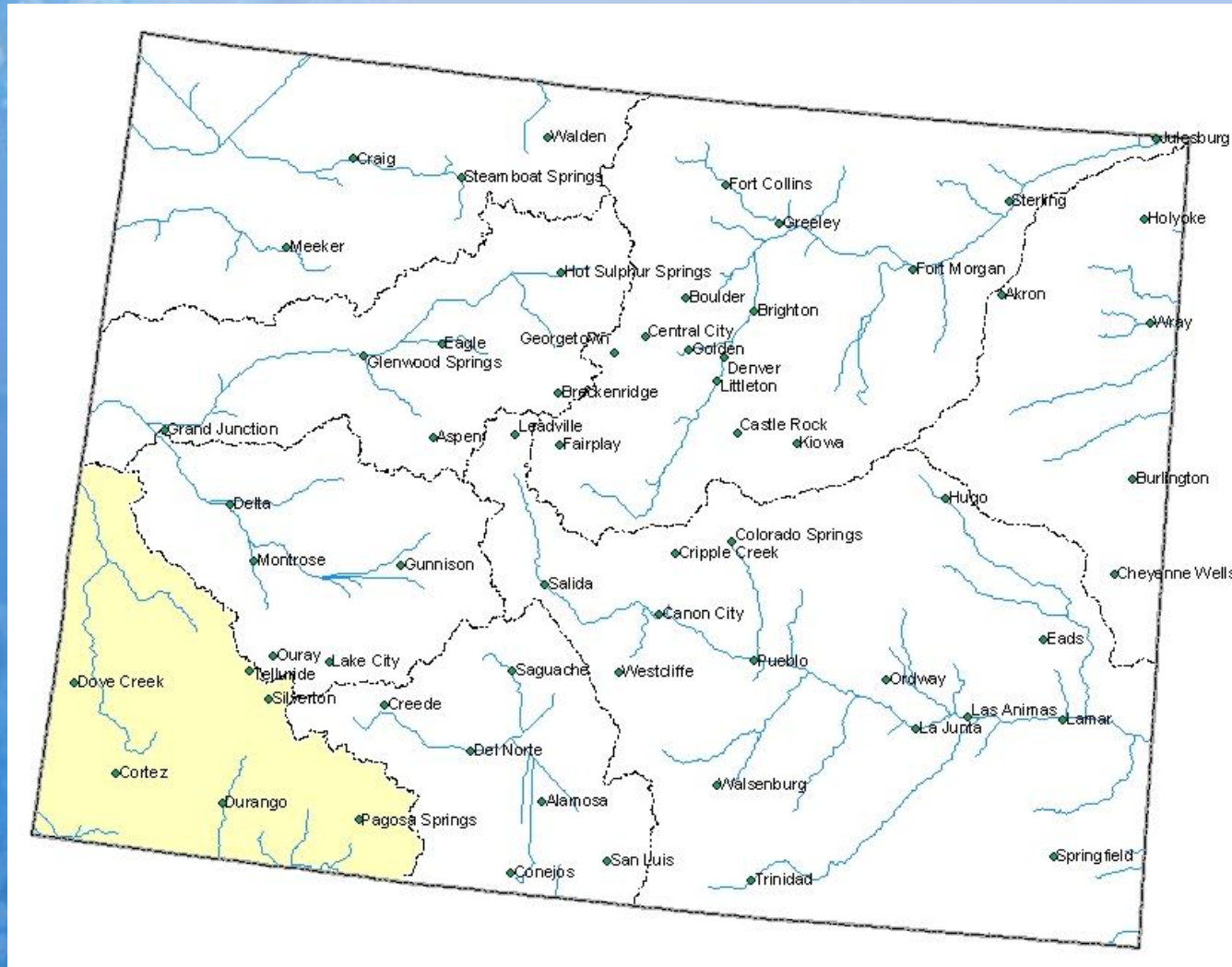
Gunnison River Basin Streamflow Forecast Map

*Provisional Data
Subject to Revision*



Current as of May 1, 2014

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

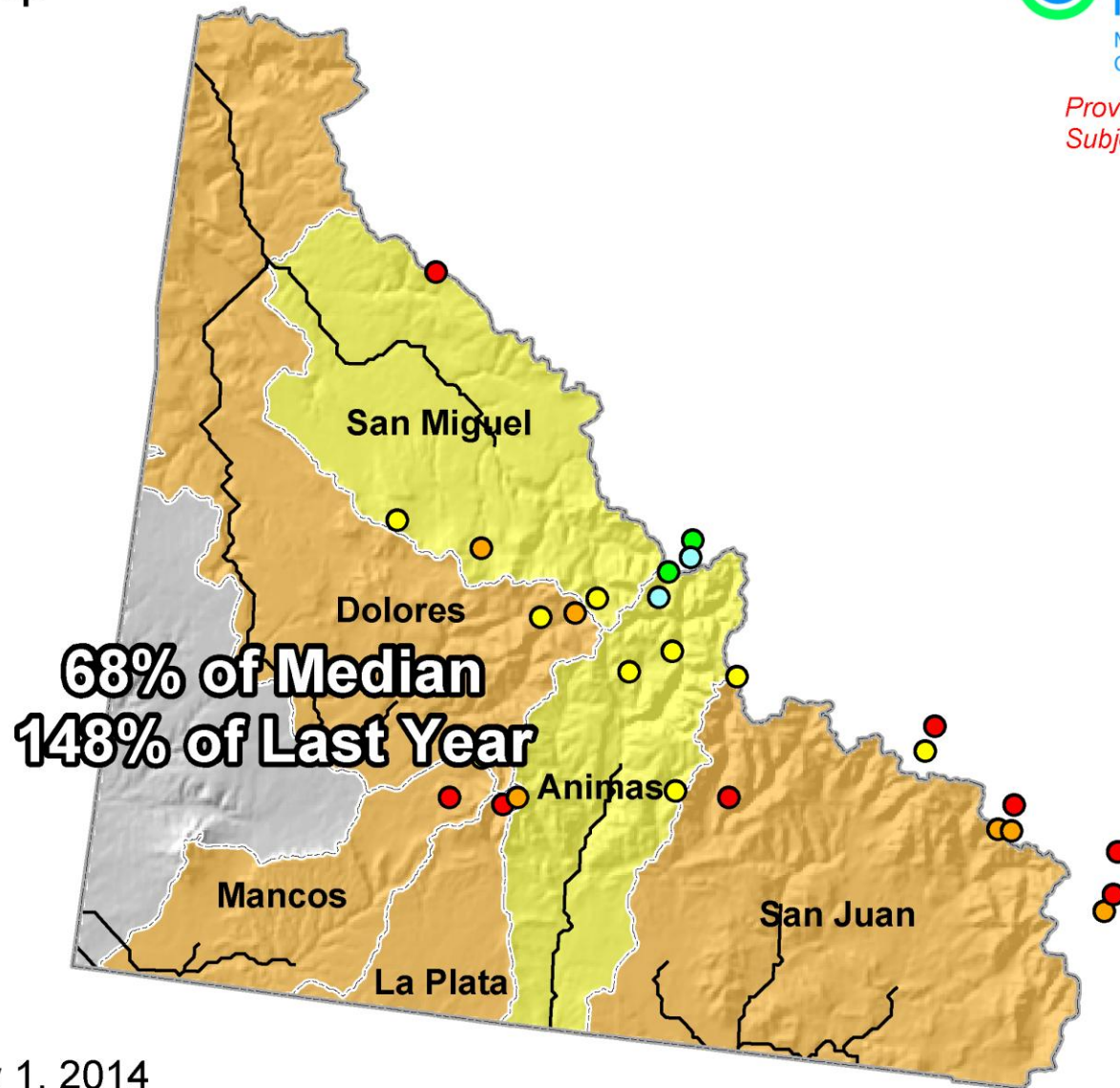
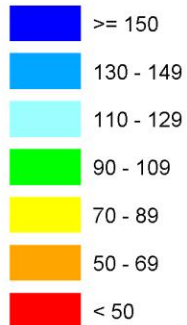


San Miguel, Dolores, Animas and San Juan River Basins Snowpack Map



*Provisional Data
Subject to Revision*

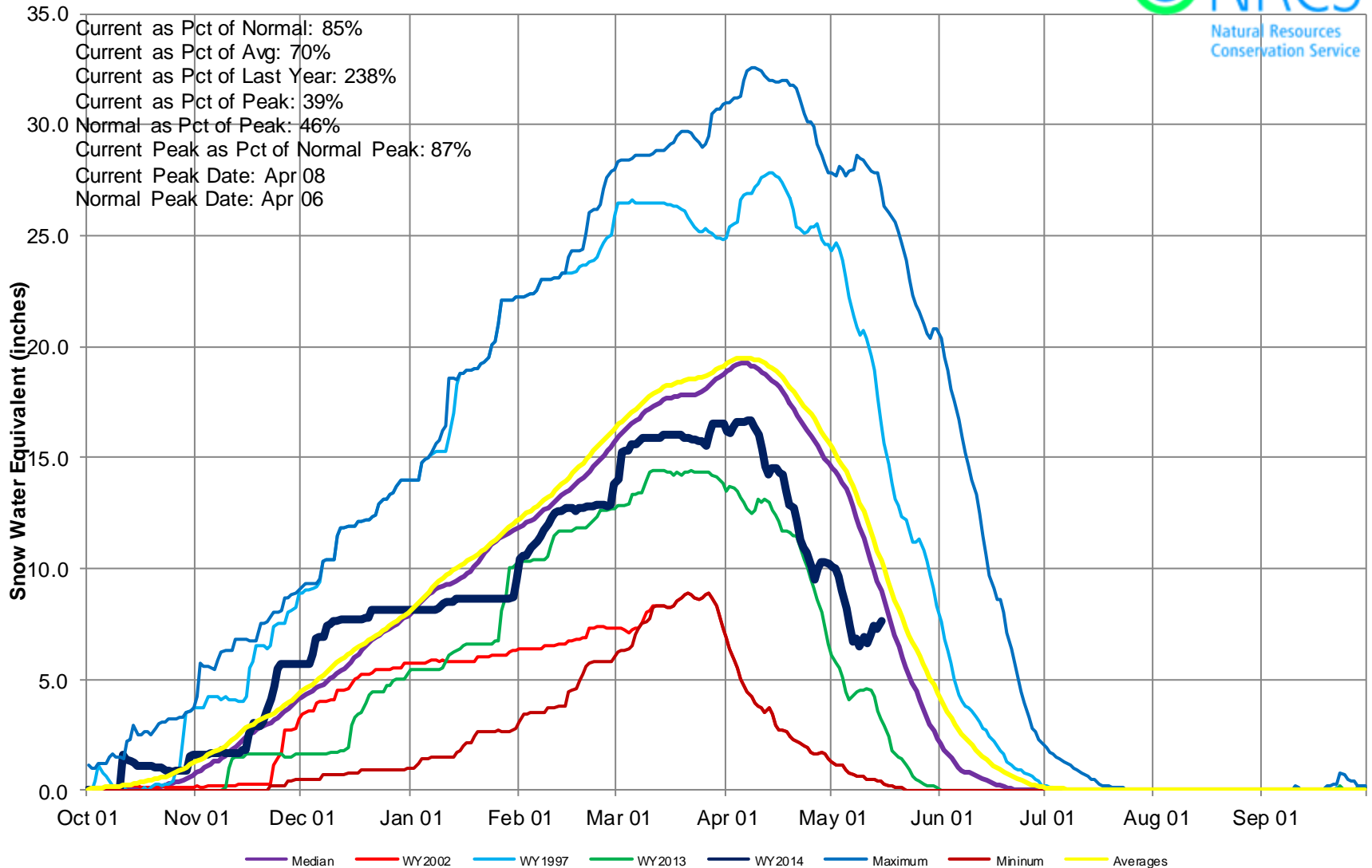
Percent of Median



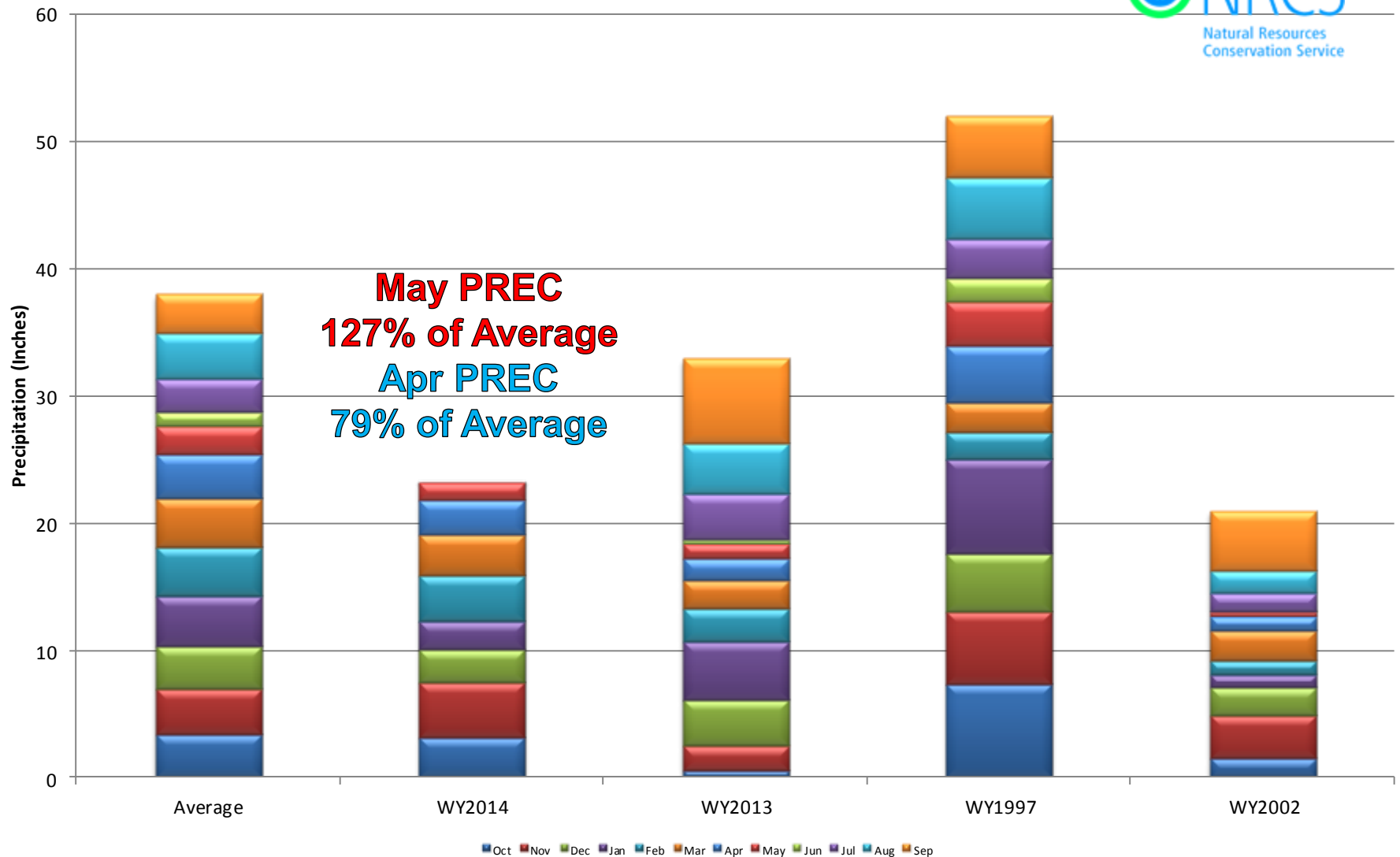
Current as of May 1, 2014

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

Based on Provisional SNOTEL data as of May 15, 2014

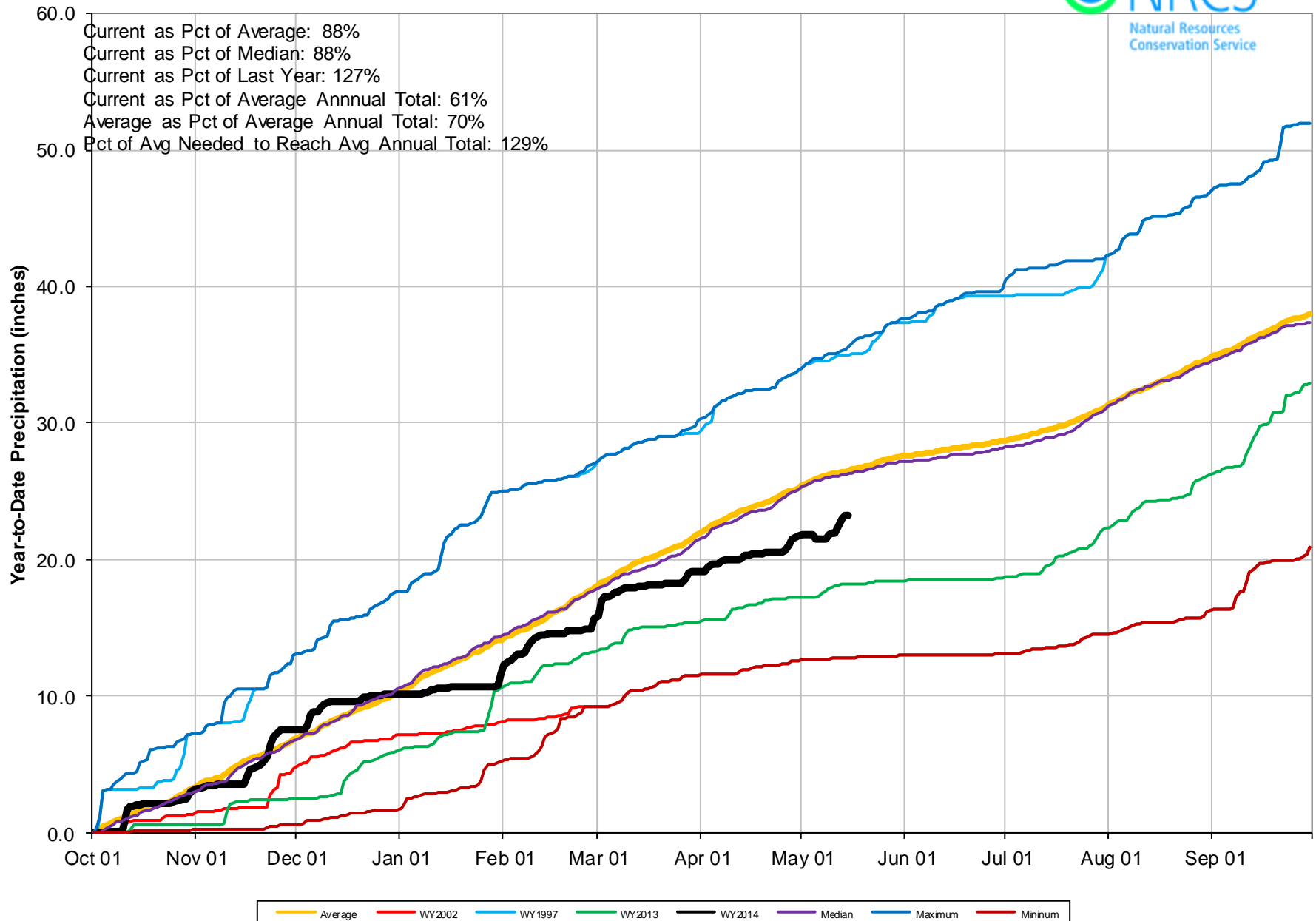


San Miguel, Dolores, Animas & San Juan River Basins High/Low Monthly Precipitation Summary



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

Based on Provisional SNOTEL data as of May 15, 2014

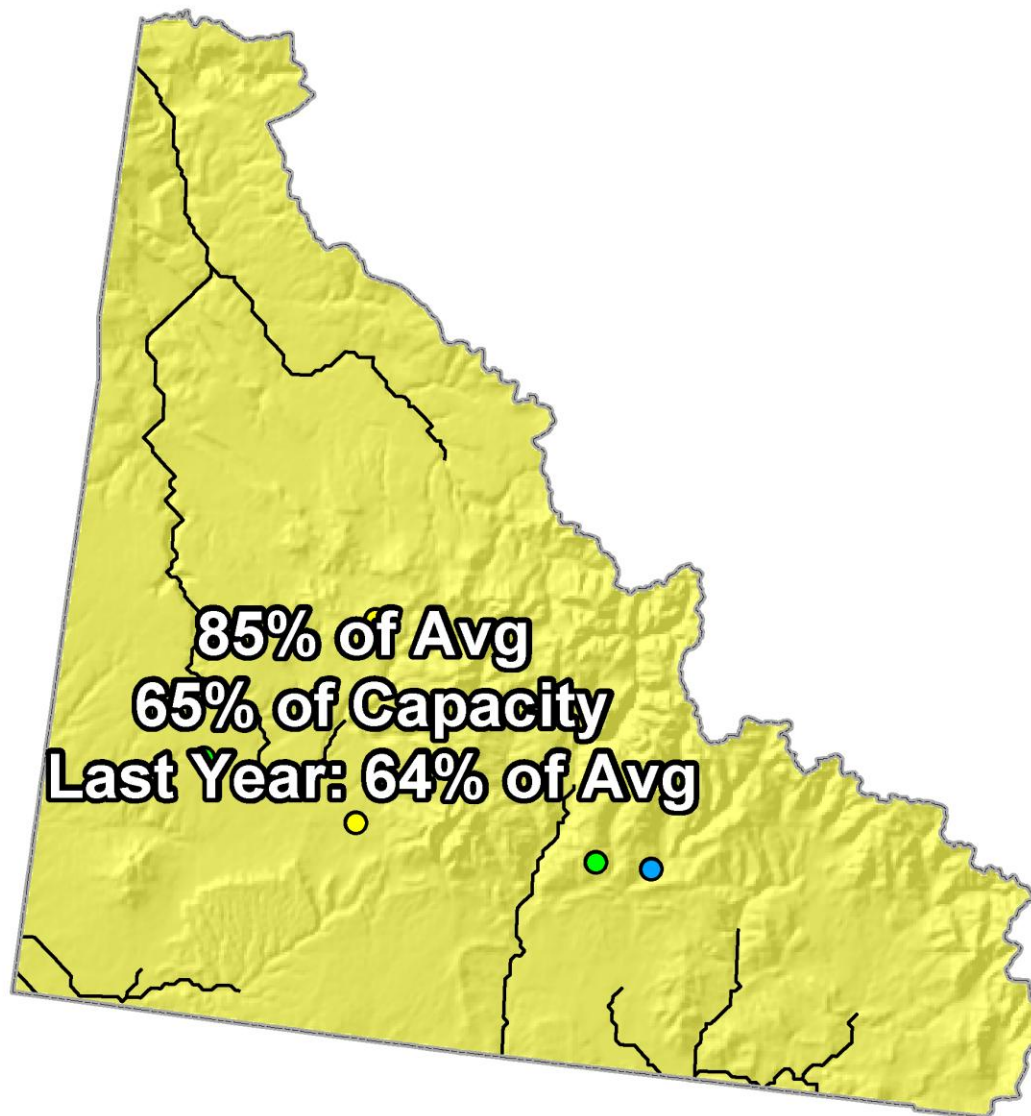


San Miguel, Dolores, Animas and San Juan River Basins Reservoir Storage Map



*Provisional Data
Subject to Revision*

Percent of Average

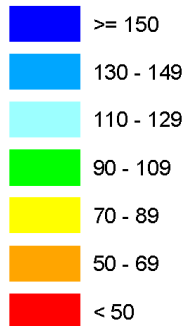


End of April 2014

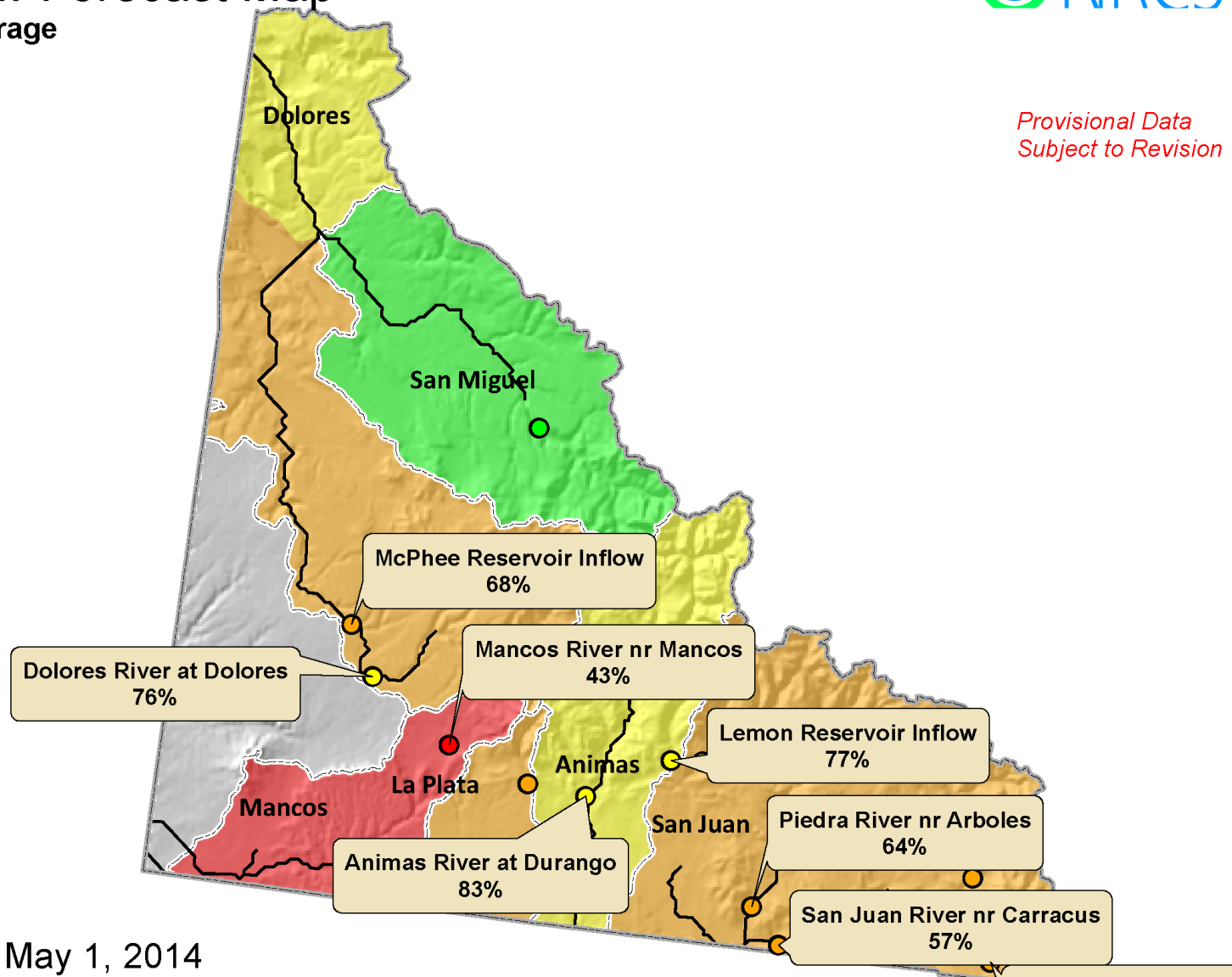
San Miguel, Dolores, Animas and San Juan River Basins Streamflow Forecast Map



Percent of Average

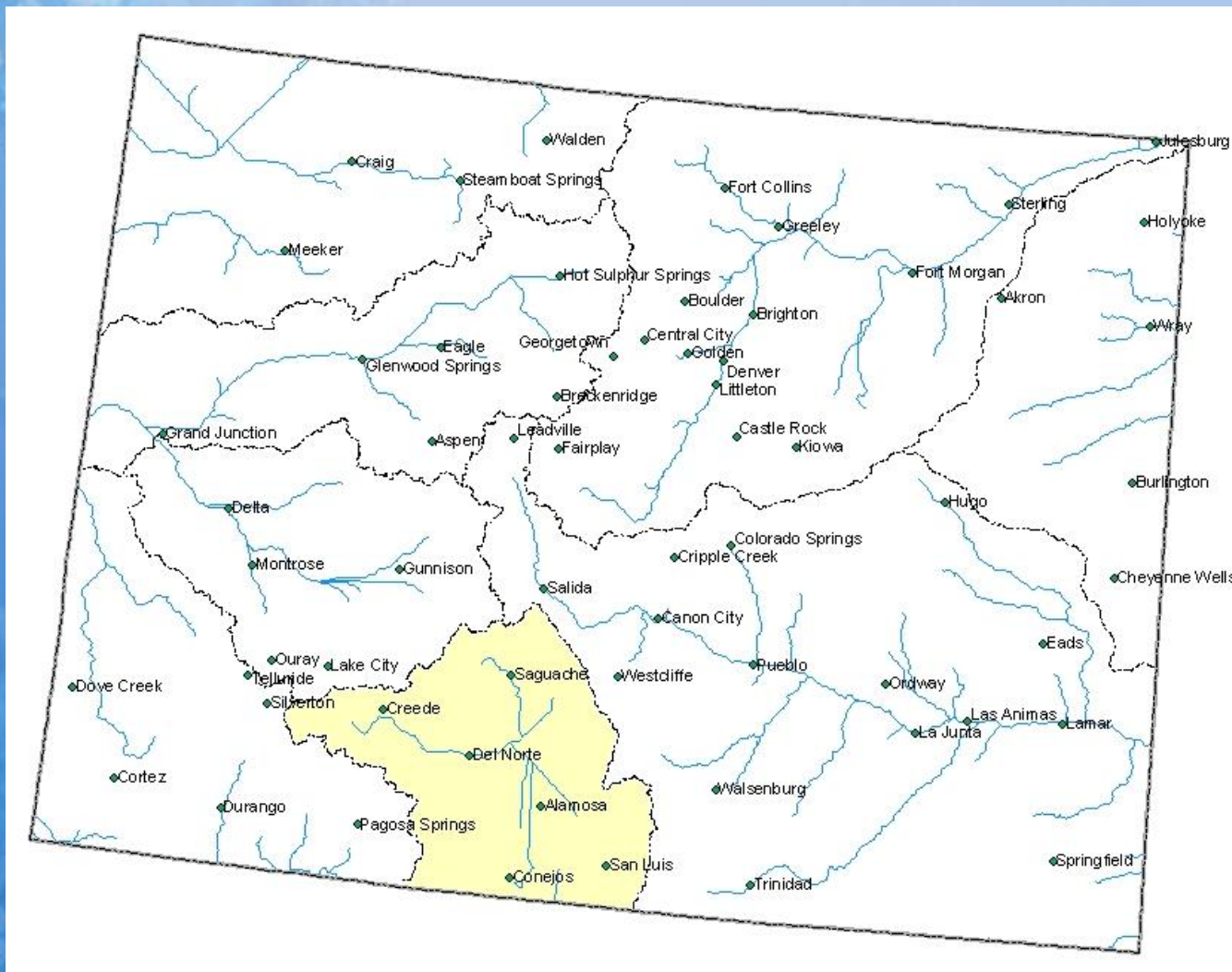


*Provisional Data
Subject to Revision*



Current as of May 1, 2014

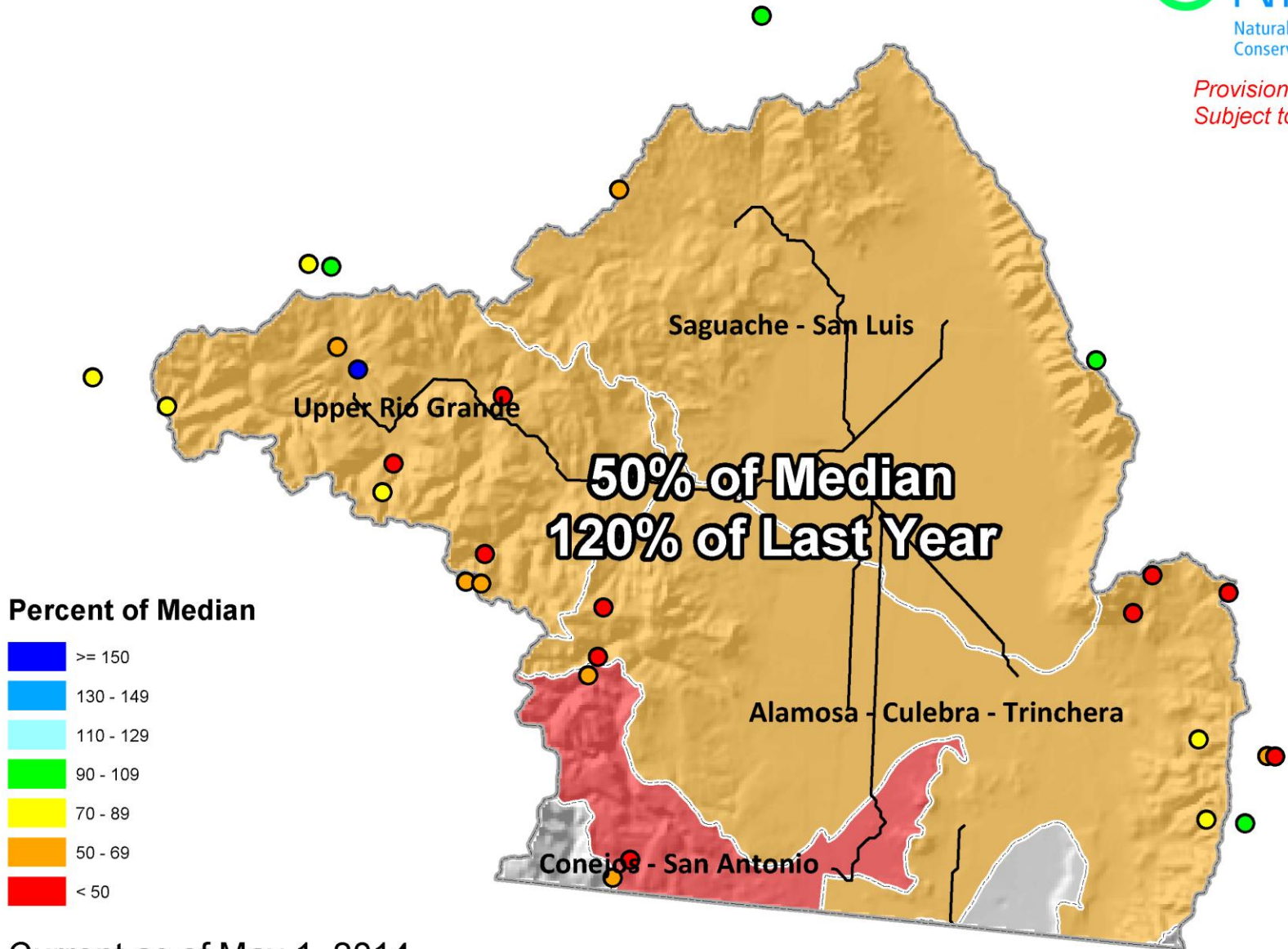
Upper Rio Grande Basin Summary



Upper Rio Grande Basin Snowpack Map



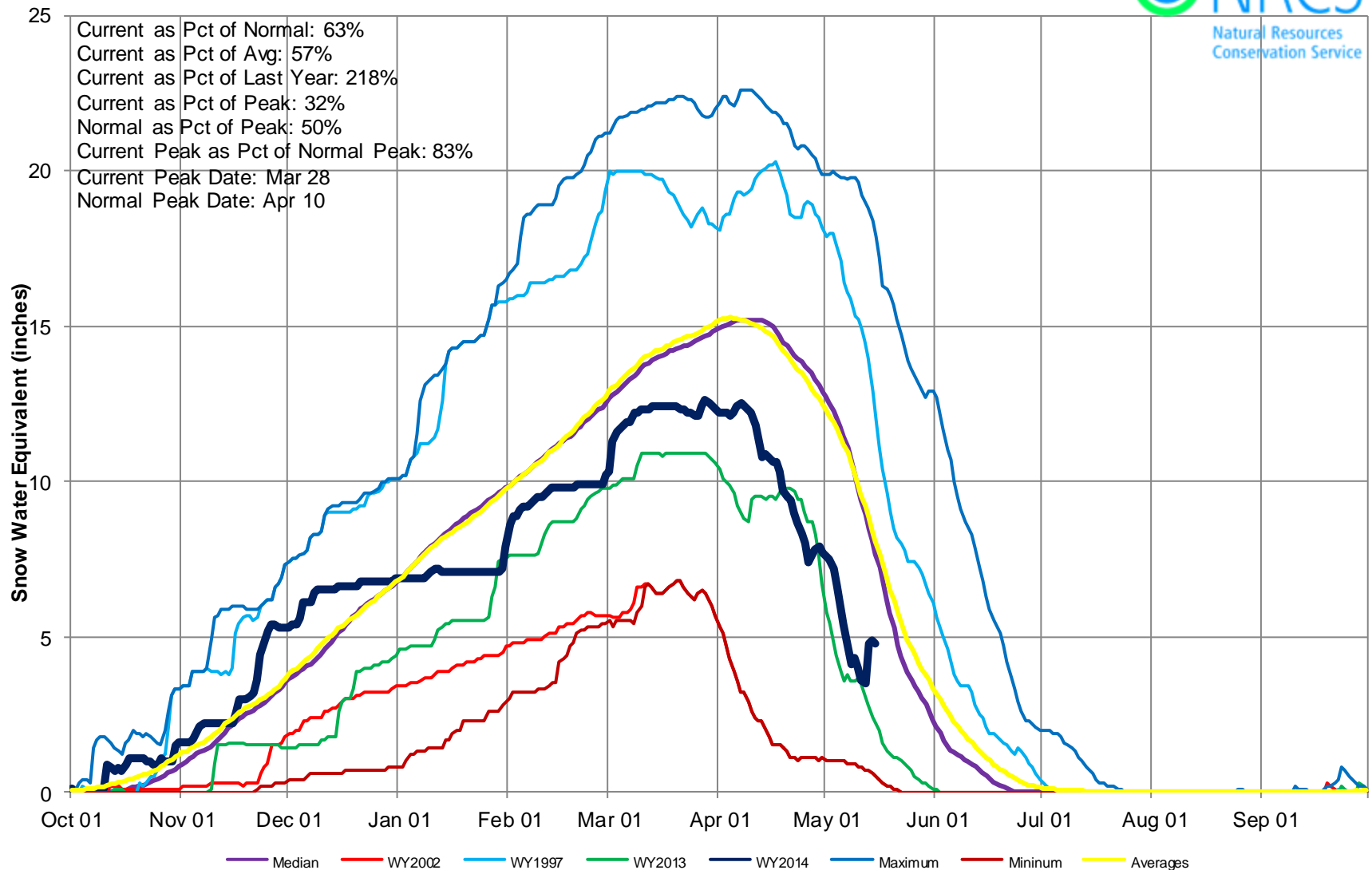
*Provisional Data
Subject to Revision*



Current as of May 1, 2014

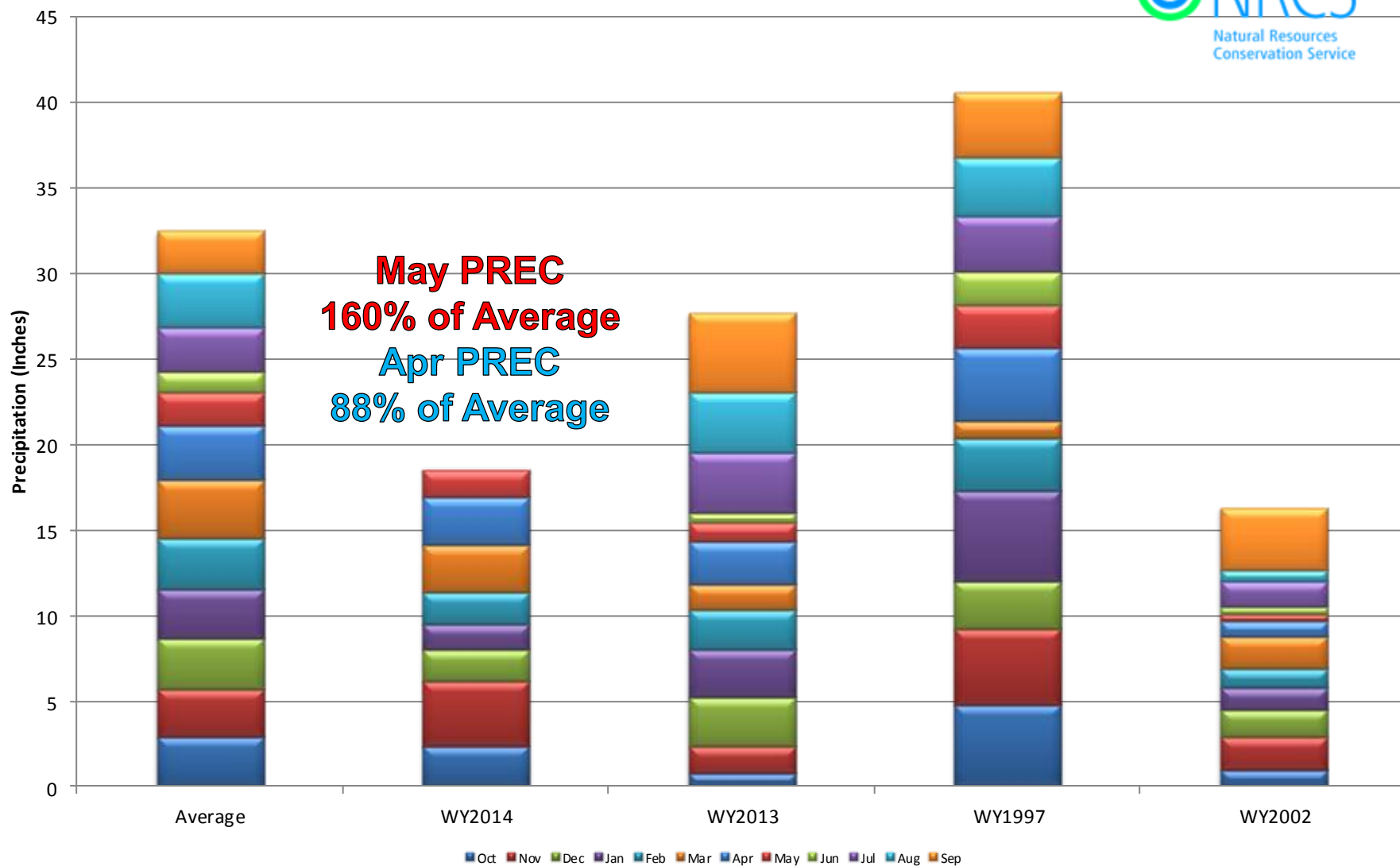
Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 15, 2014



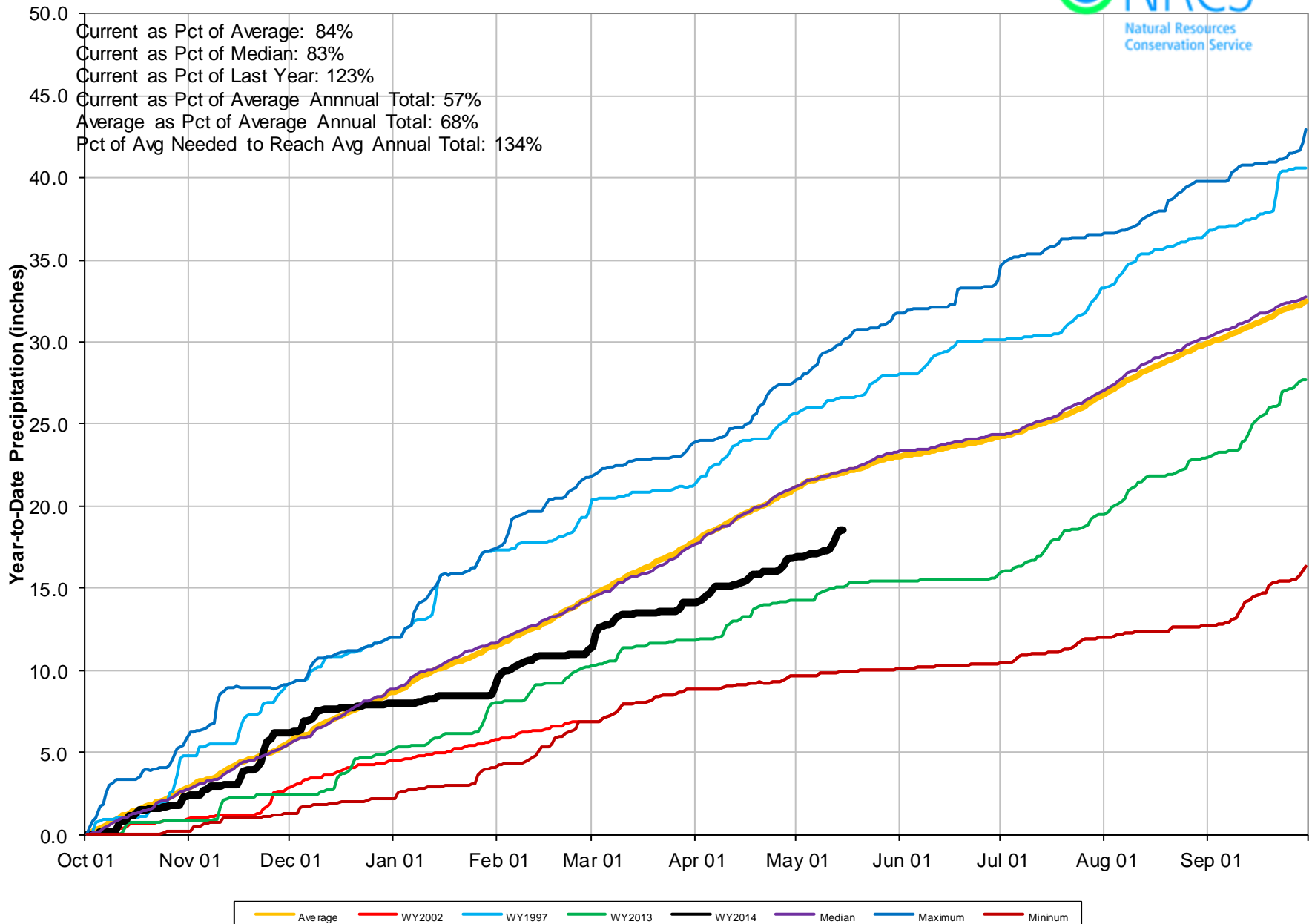
Upper Rio Grande Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



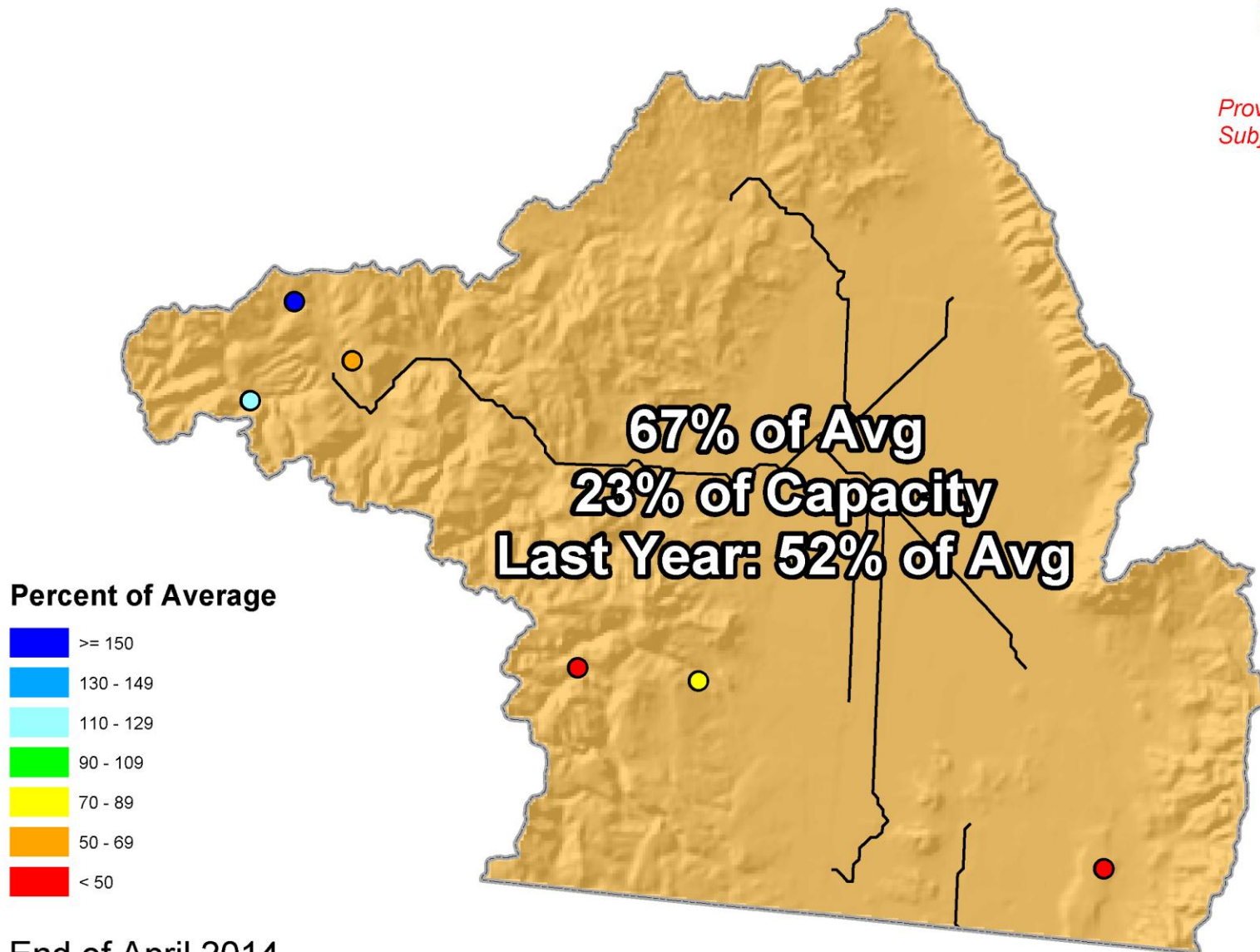
Upper Rio Grande Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



Upper Rio Grande Basin Reservoir Storage Map

*Provisional Data
Subject to Revision*

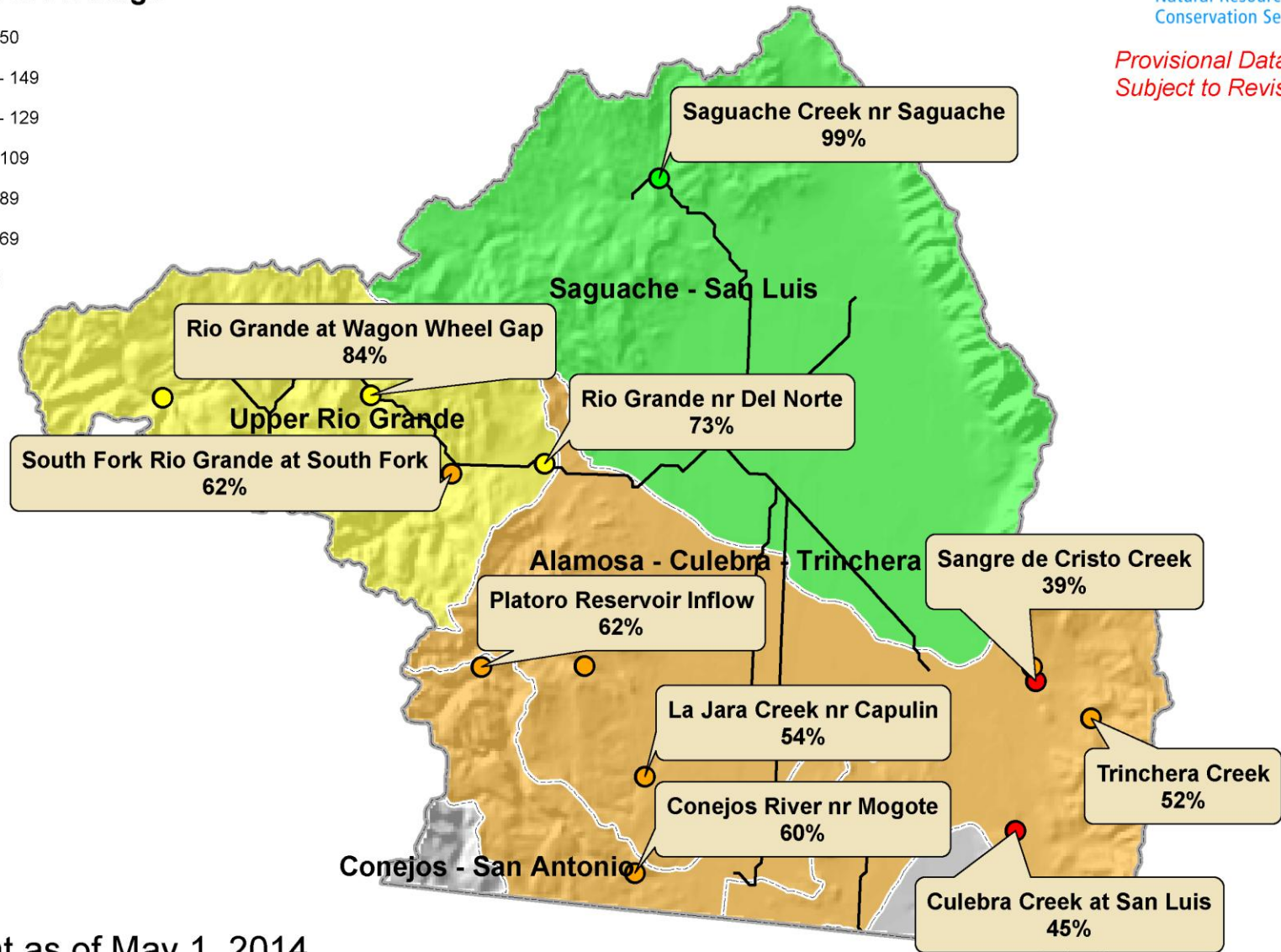


End of April 2014

Upper Rio Grande Basin Streamflow Forecast Map

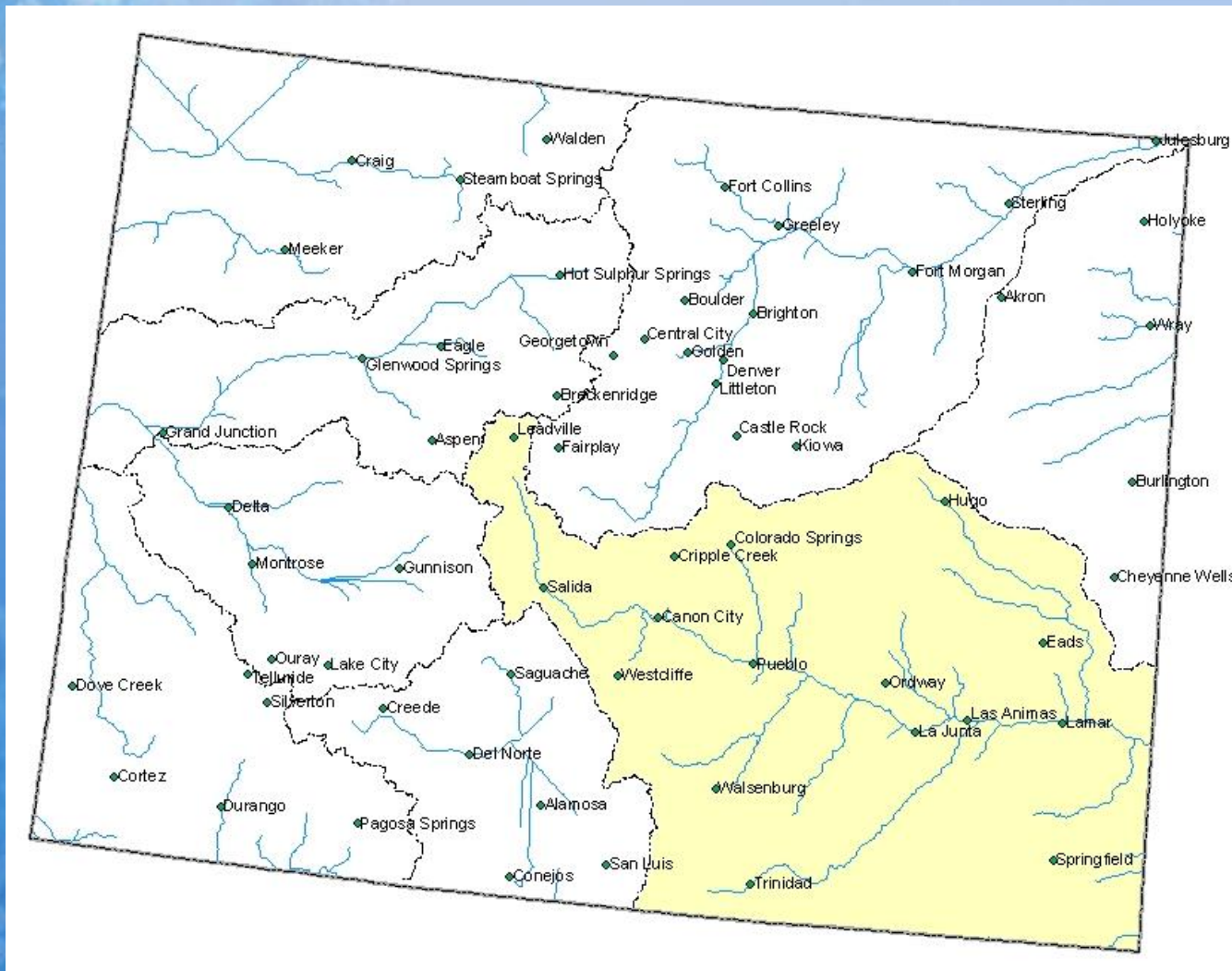
*Provisional Data
Subject to Revision*

Percent of Average



Current as of May 1, 2014

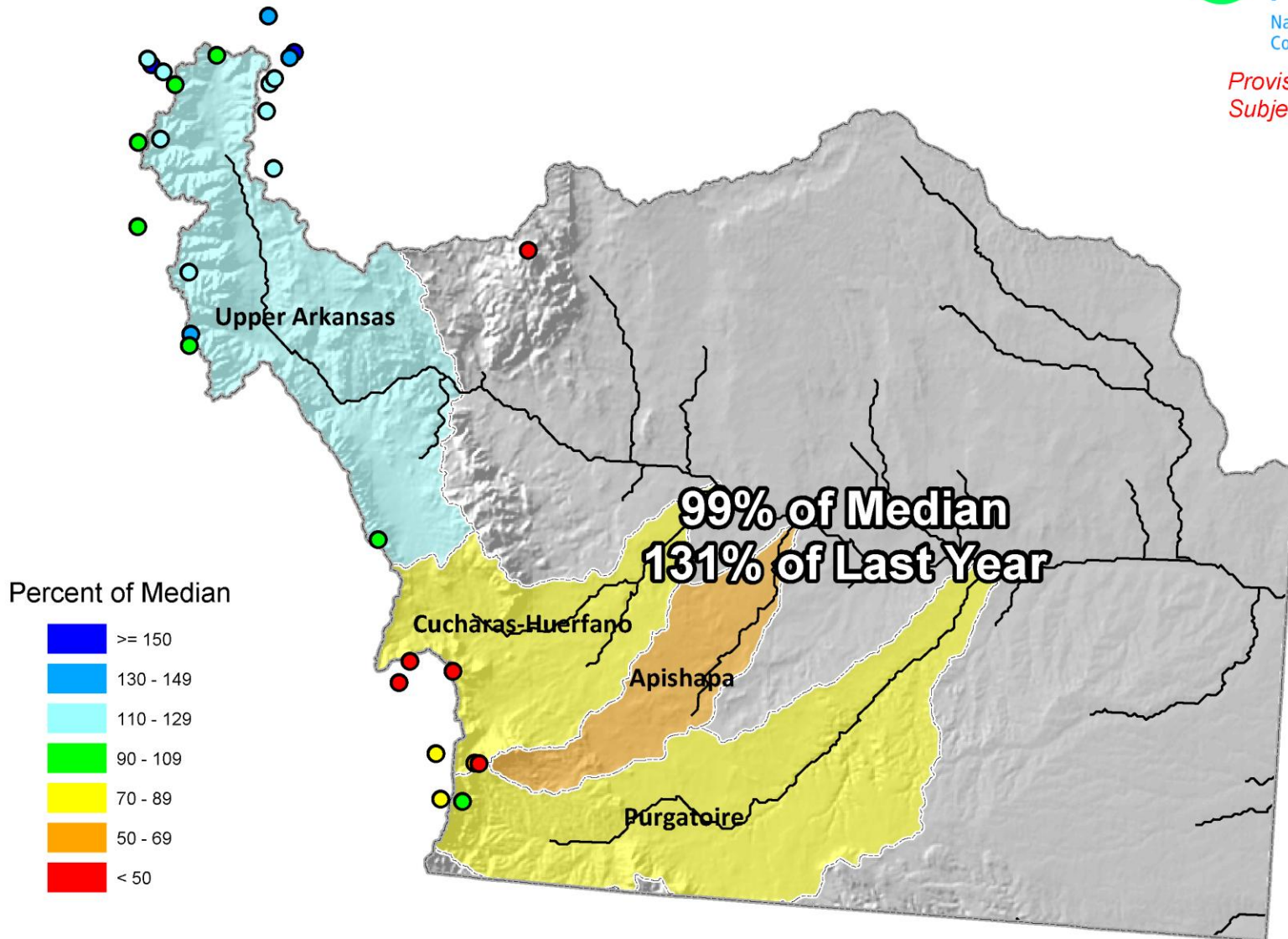
Arkansas River Basin Summary



Arkansas River Basin Snowpack Map



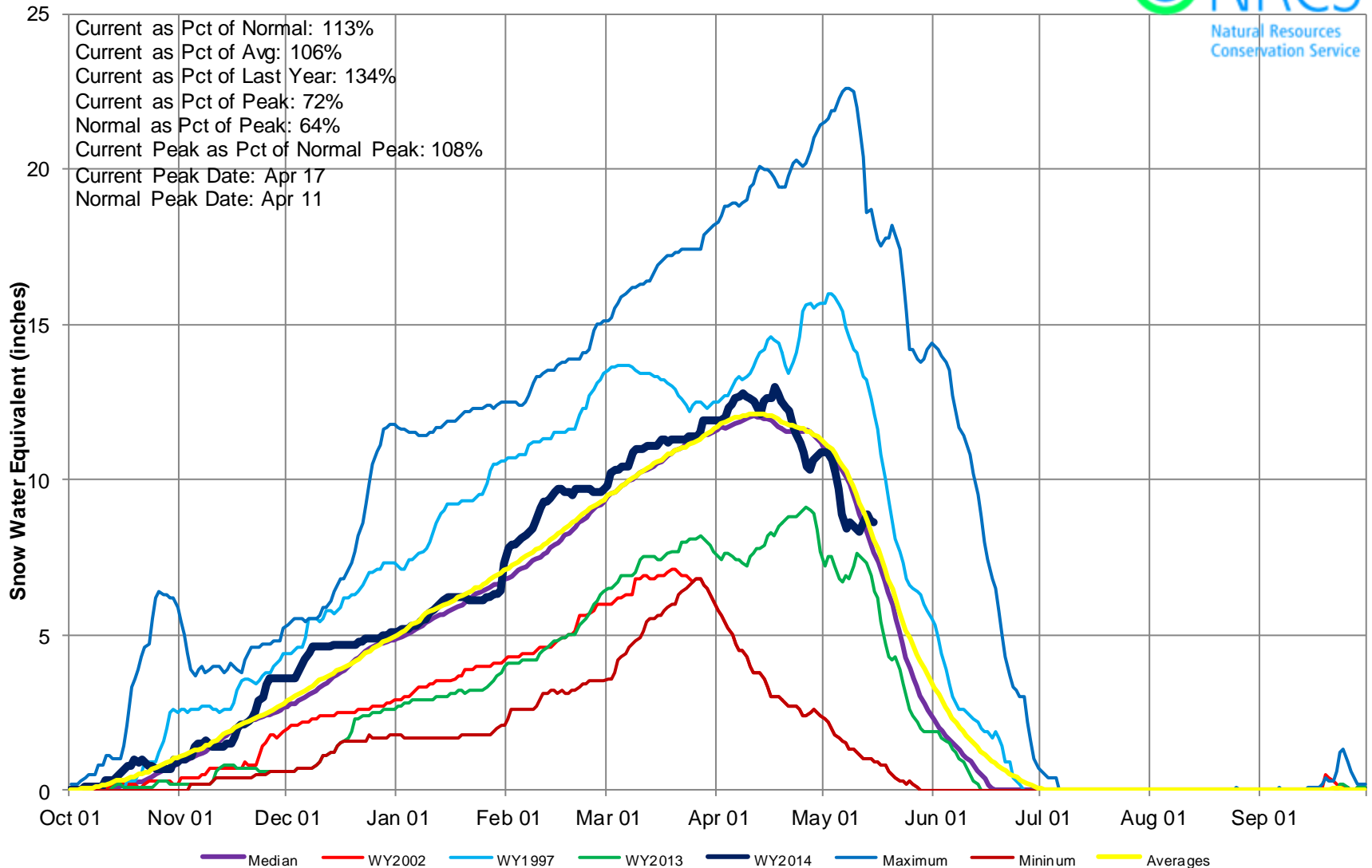
*Provisional Data
Subject to Revision*



Current as of May 1, 2014

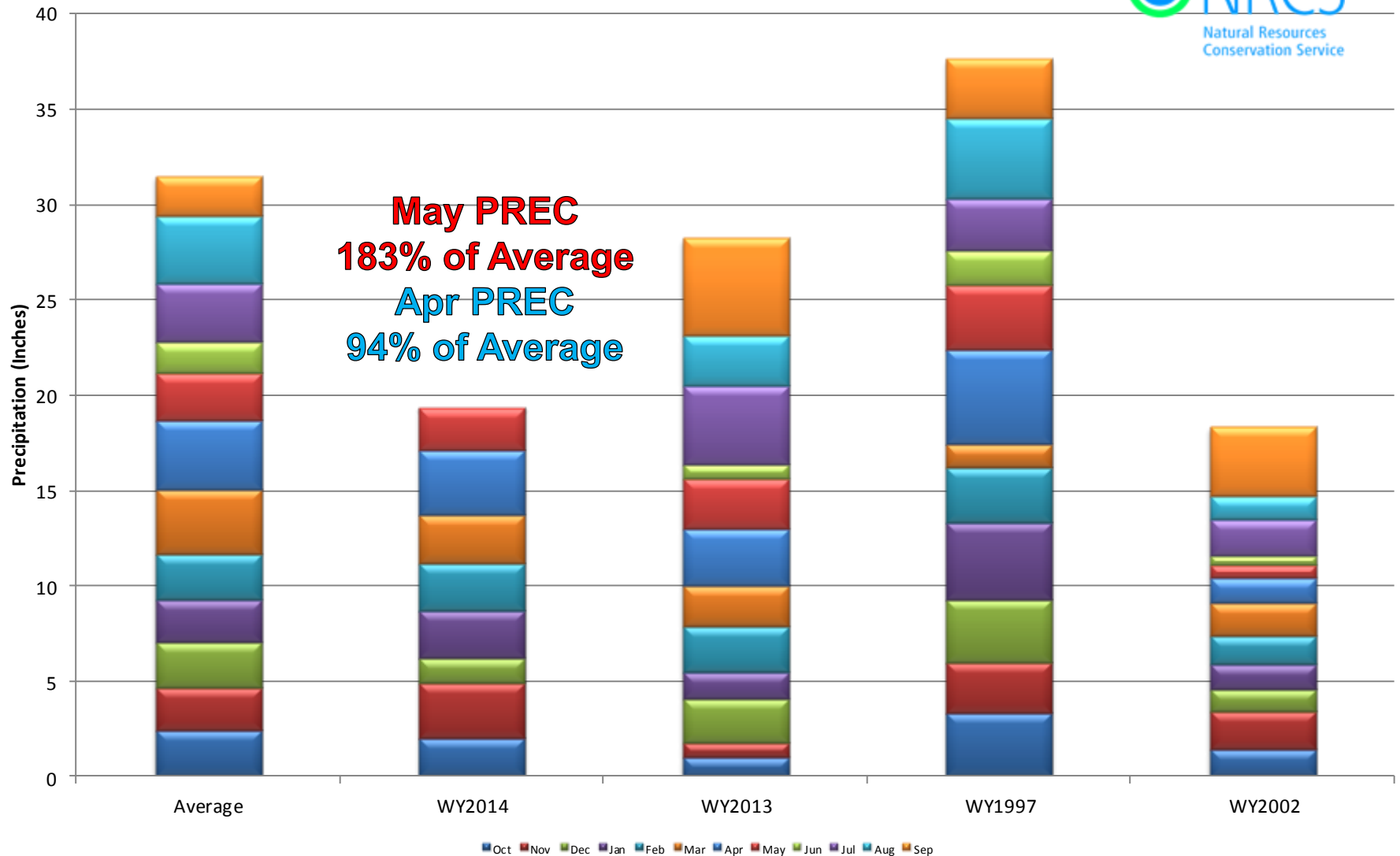
Arkansas River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 15, 2014



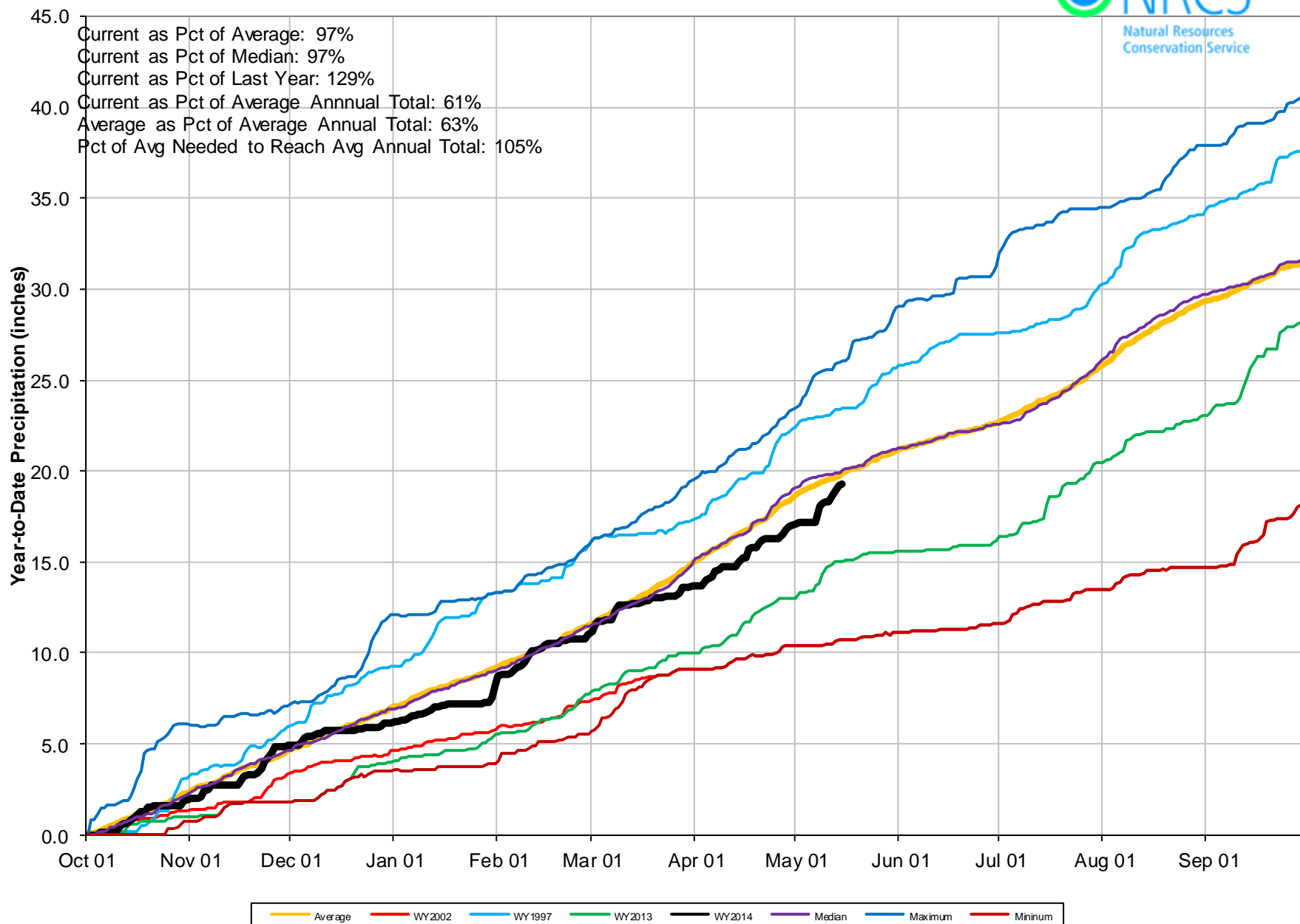
Arkansas River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



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

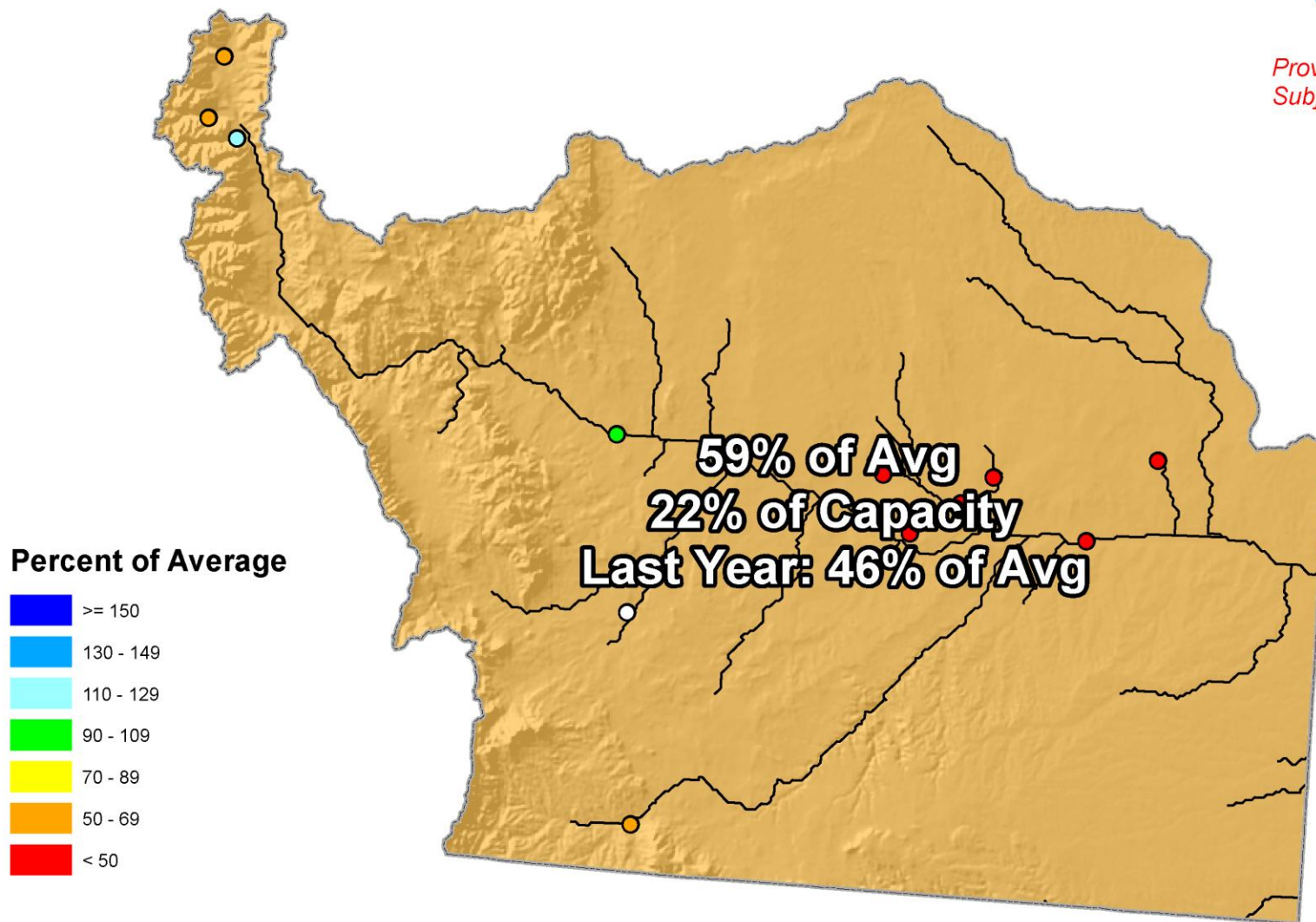
Based on Provisional SNOTEL data as of May 15, 2014



Arkansas River Basin Reservoir Storage Map



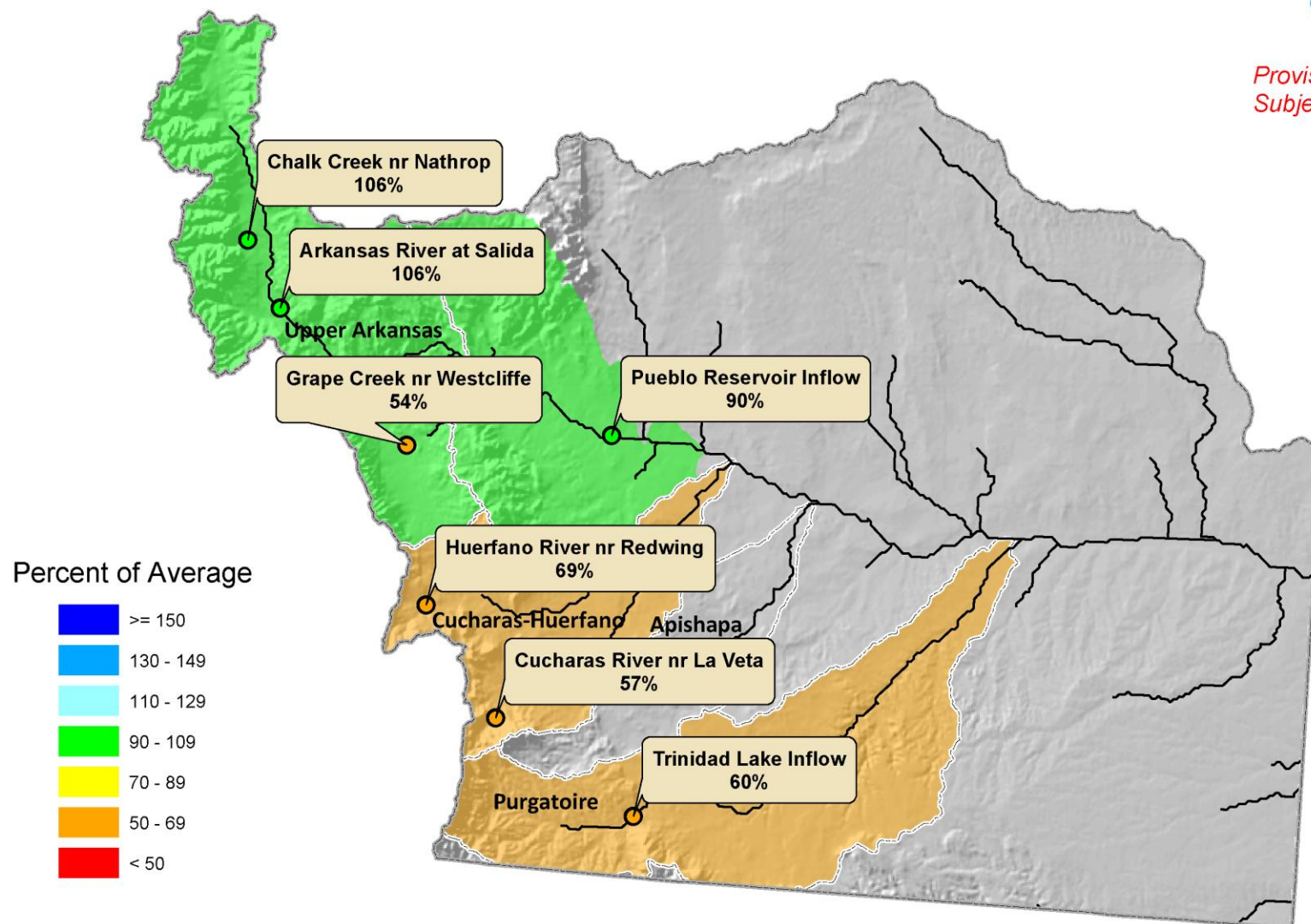
*Provisional Data
Subject to Revision*



End of April 2014

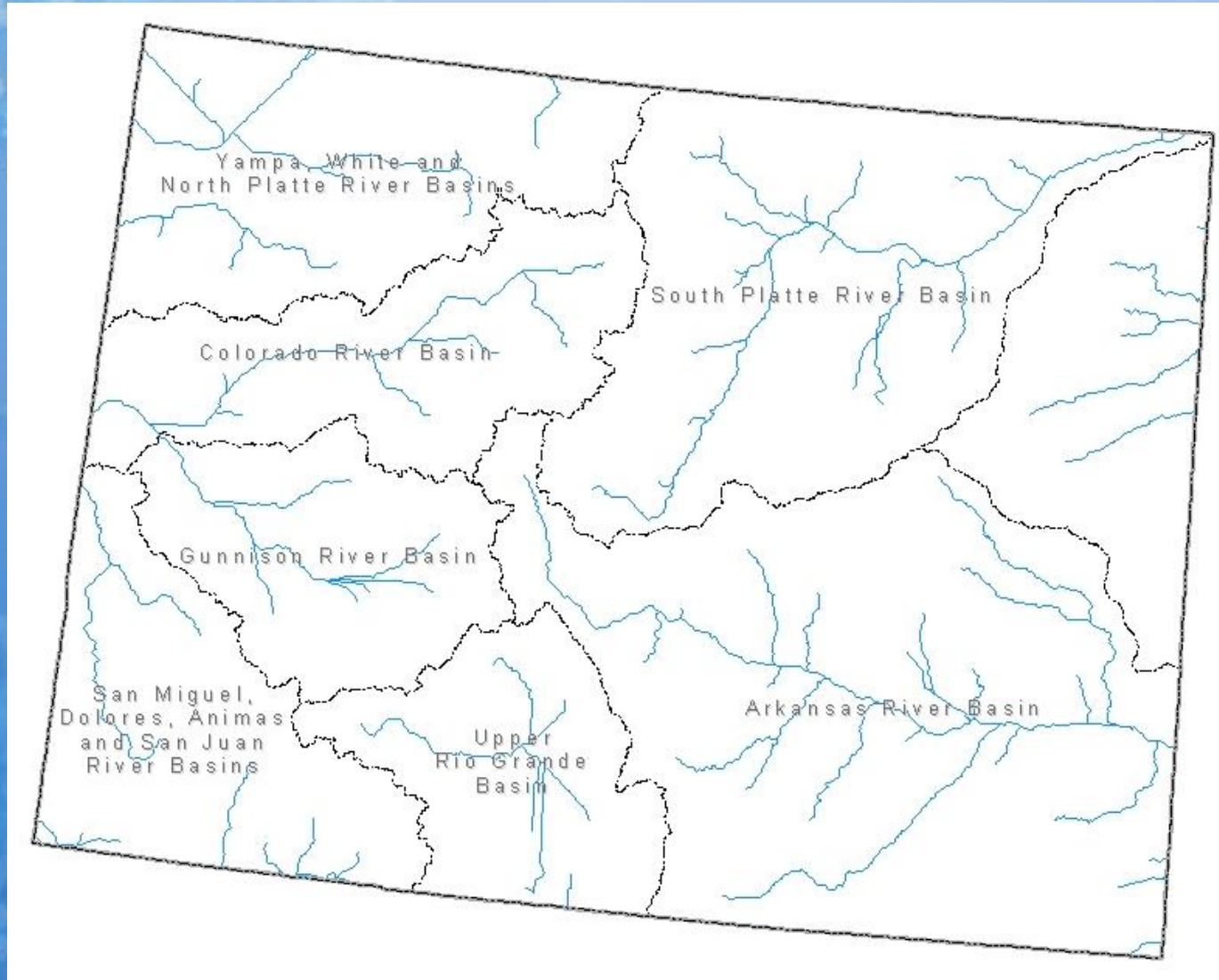
Arkansas River Basin Streamflow Forecast Map

*Provisional Data
Subject to Revision*



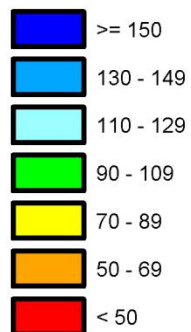
Current as of May 1, 2014

Colorado Statewide Summary

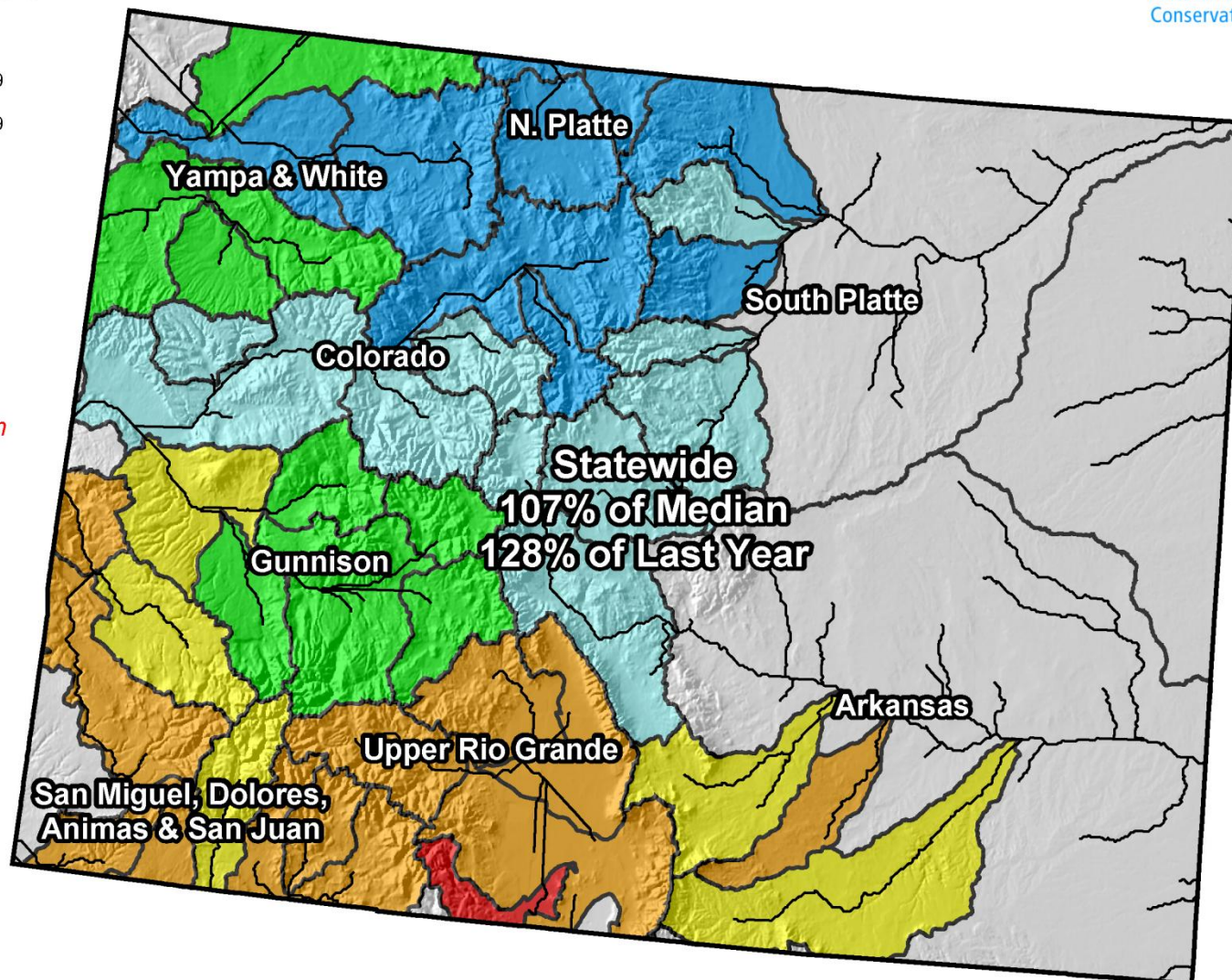


Colorado Snowpack Map

Percent of Median



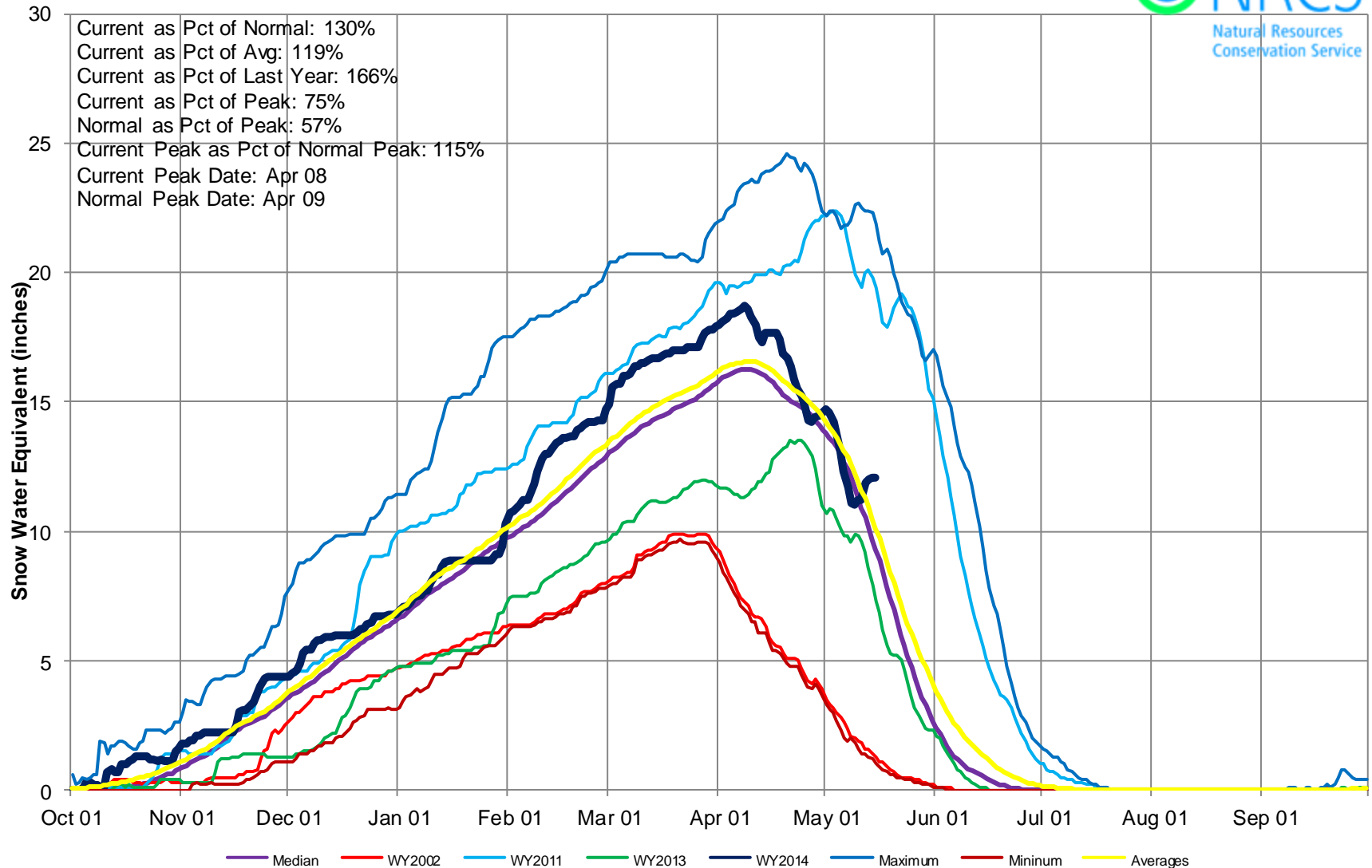
*Provisional Data
Subject to Revision*



Current as of May 1, 2014

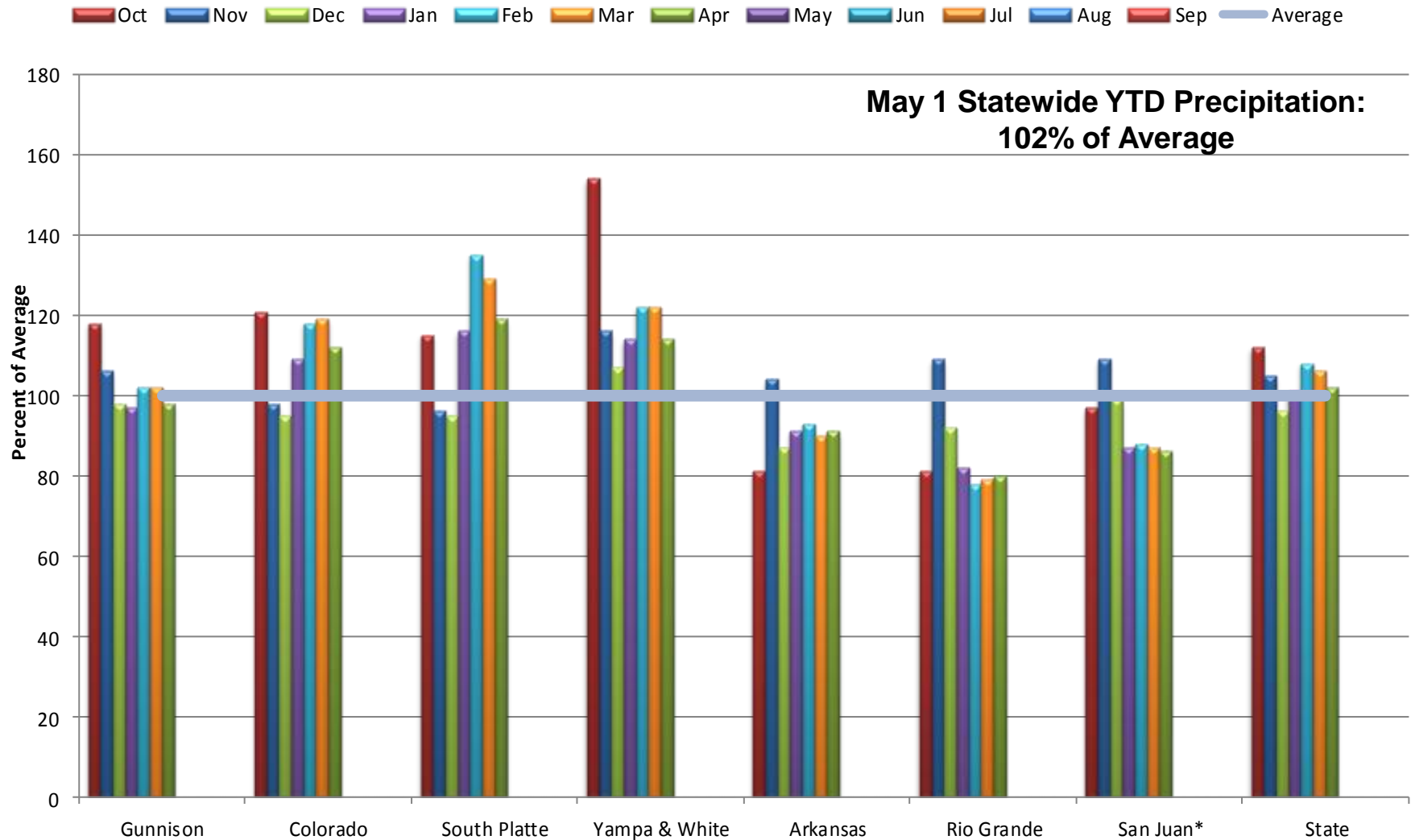
Colorado Statewide High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 15, 2014



Colorado Year-to-Date Precipitation Summary for WY2014

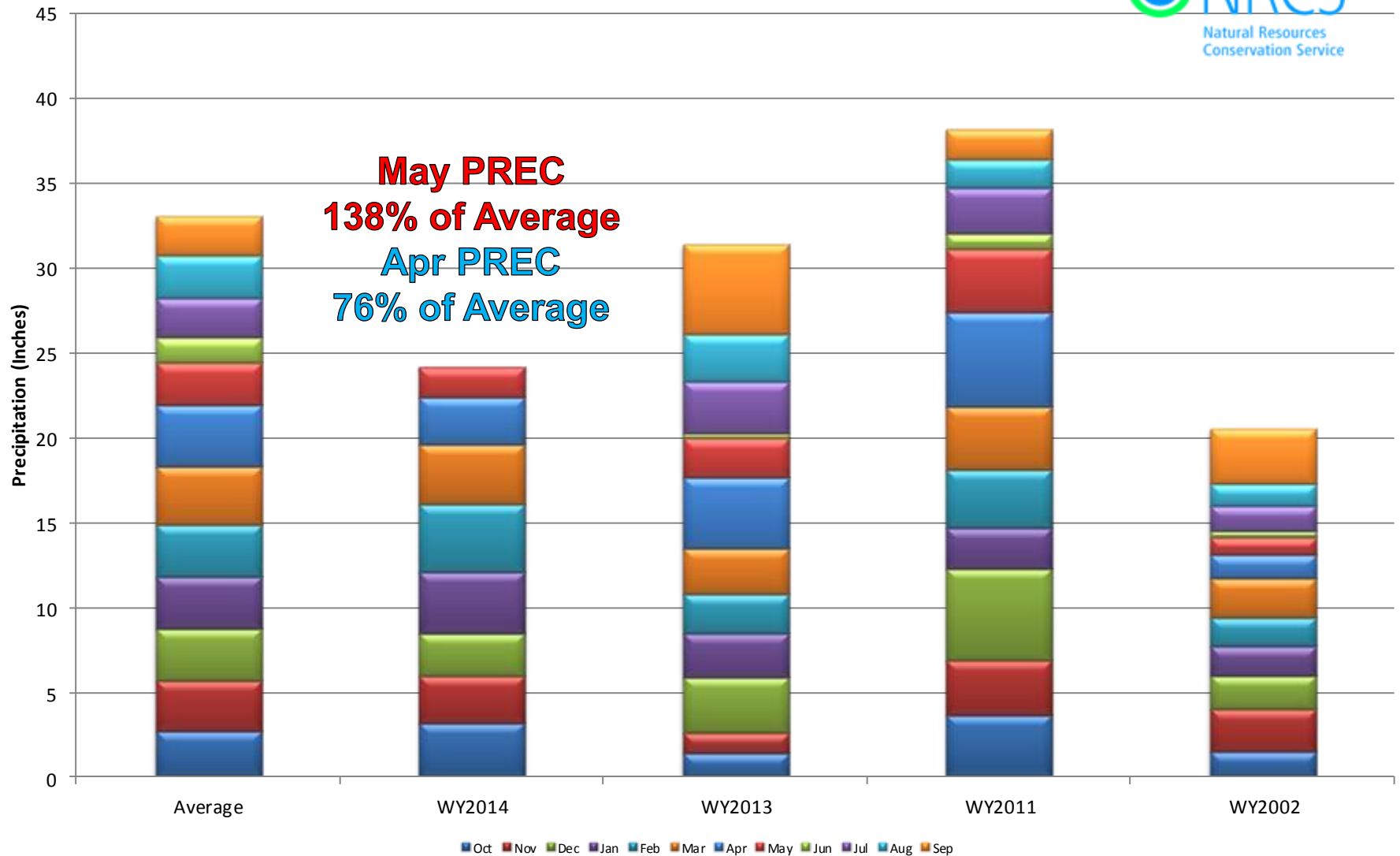
USDA Natural Resources Conservation Service



*Includes Animas, Dolores, San Miguel Basins

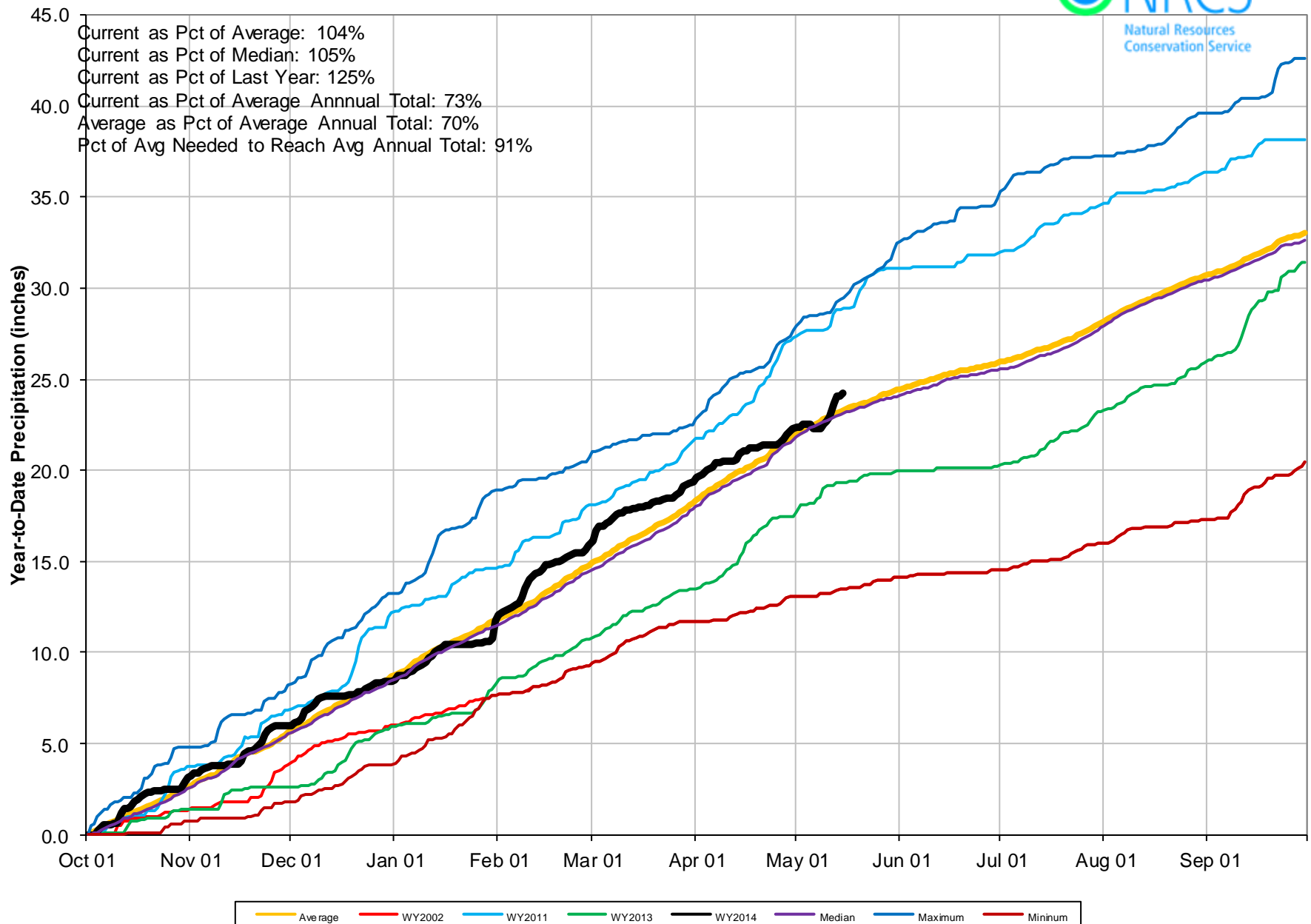
Colorado Statewide High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 15, 2014



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

Based on Provisional SNOTEL data as of May 15, 2014

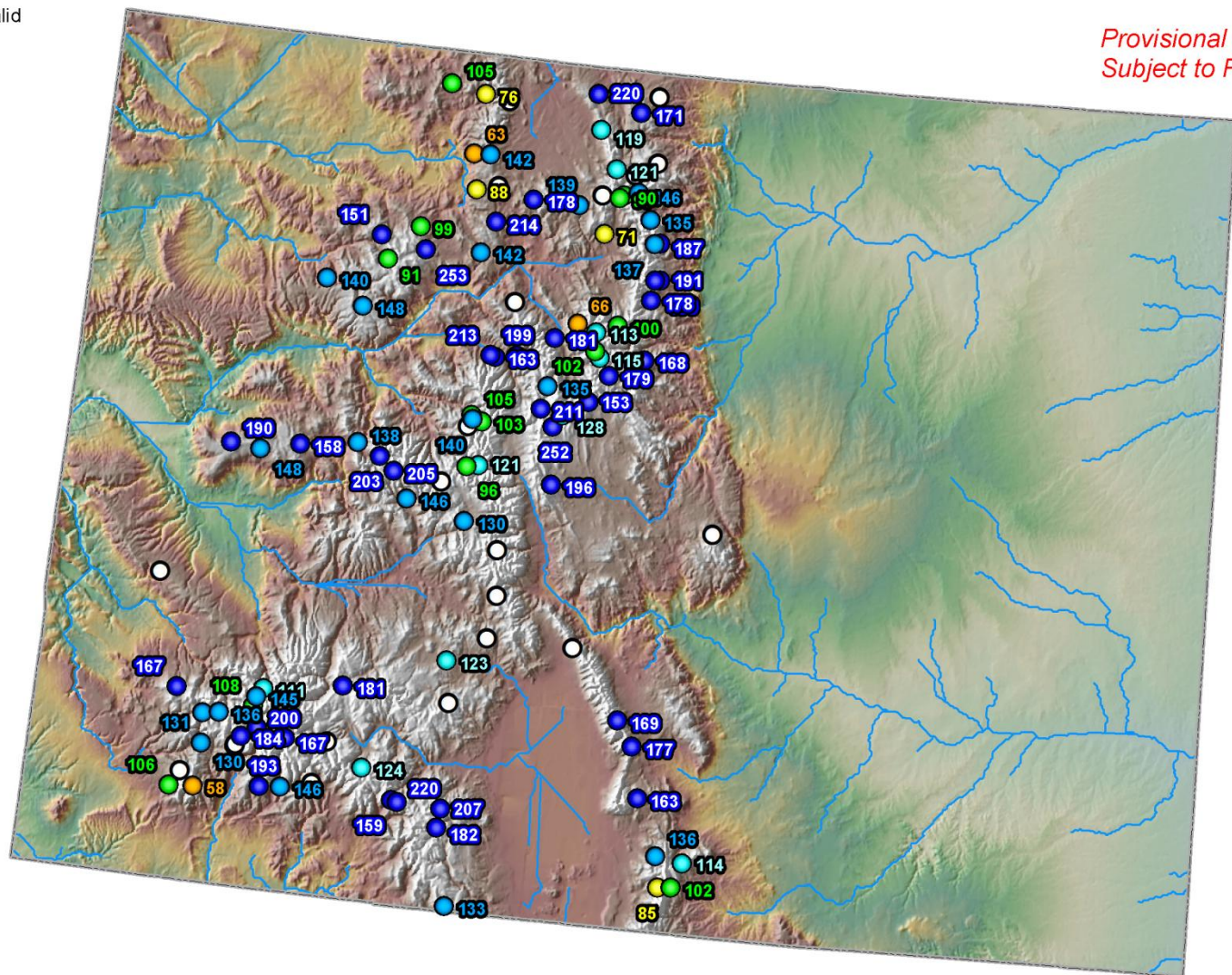


Colorado SNOTEL Month-to-Date Precipitation

Percent of Average

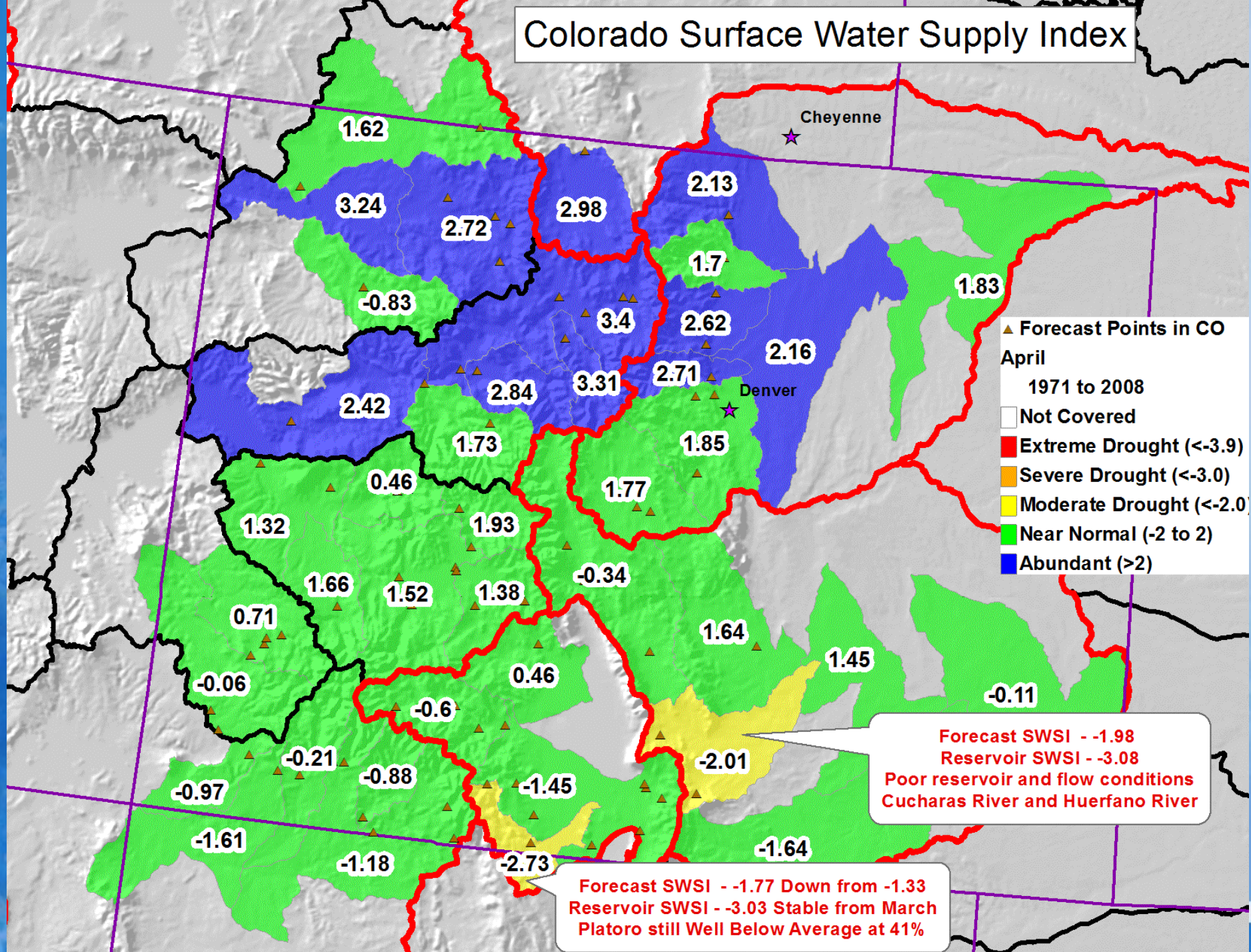
- Missing or Invalid
- < 50
- 50 - 69
- 70 - 89
- 90 - 109
- 110 - 129
- 130 - 149
- ≥ 150

*Provisional Data
Subject to Revision*



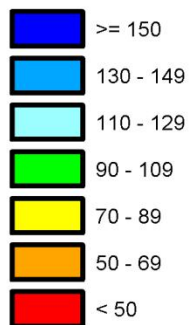
Current as of 05 15, 2014

Colorado Surface Water Supply Index

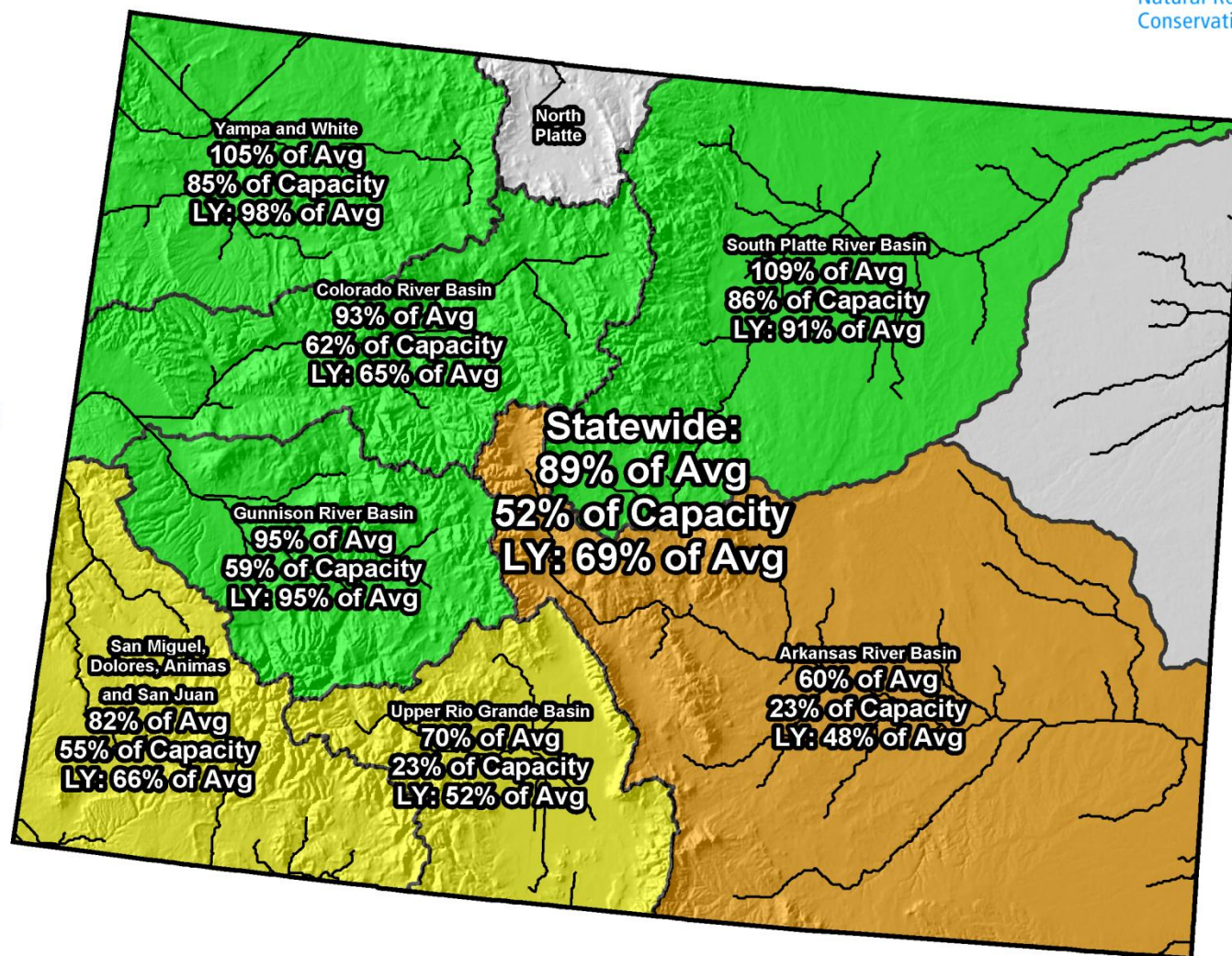


Colorado Reservoir Storage Map

Percent of Average



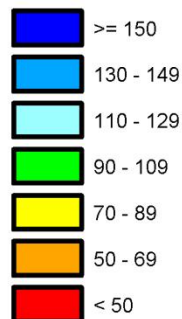
*Provisional Data
Subject to Revision*



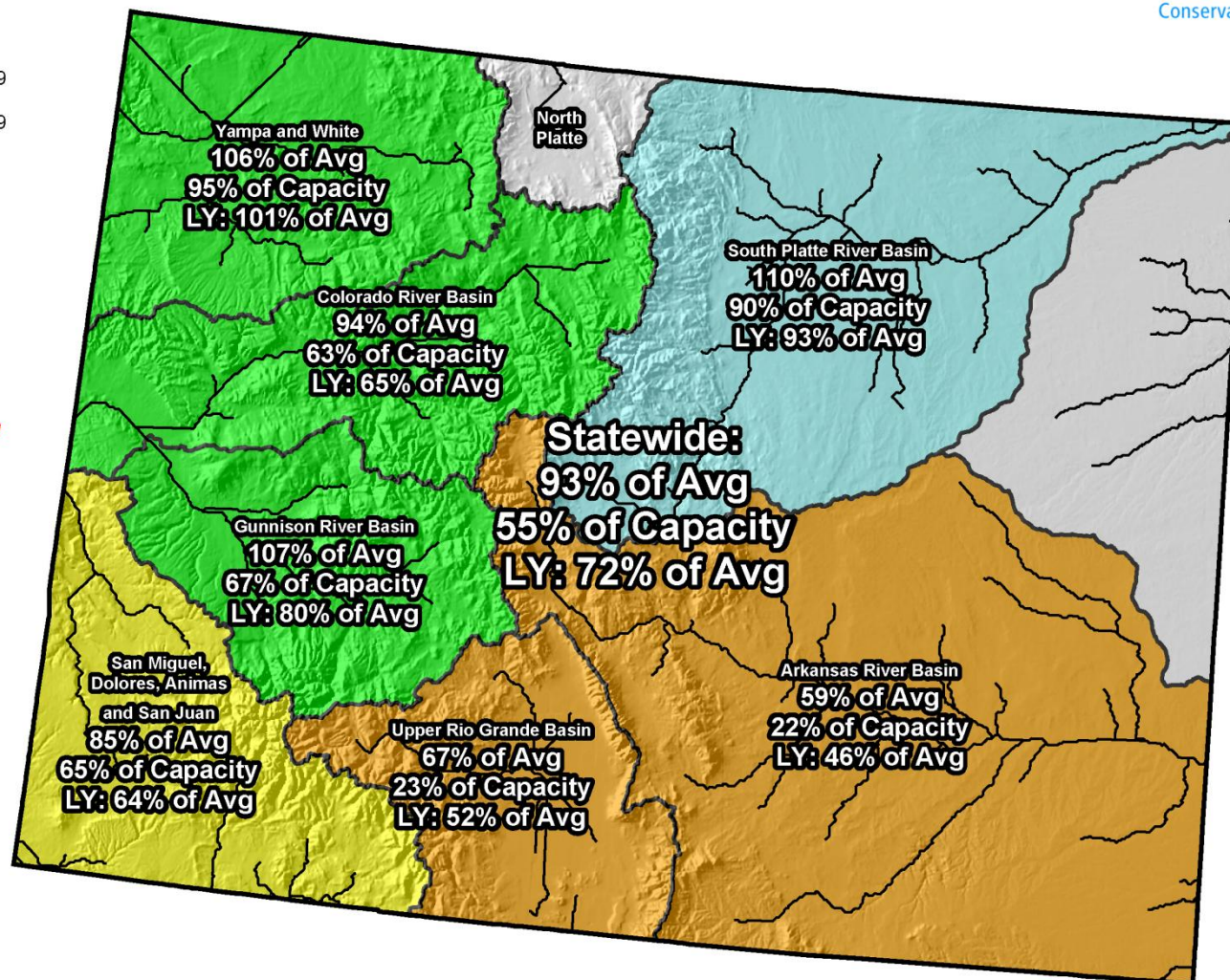
End of March 2014

Colorado Reservoir Storage Map

Percent of Average



*Provisional Data
Subject to Revision*



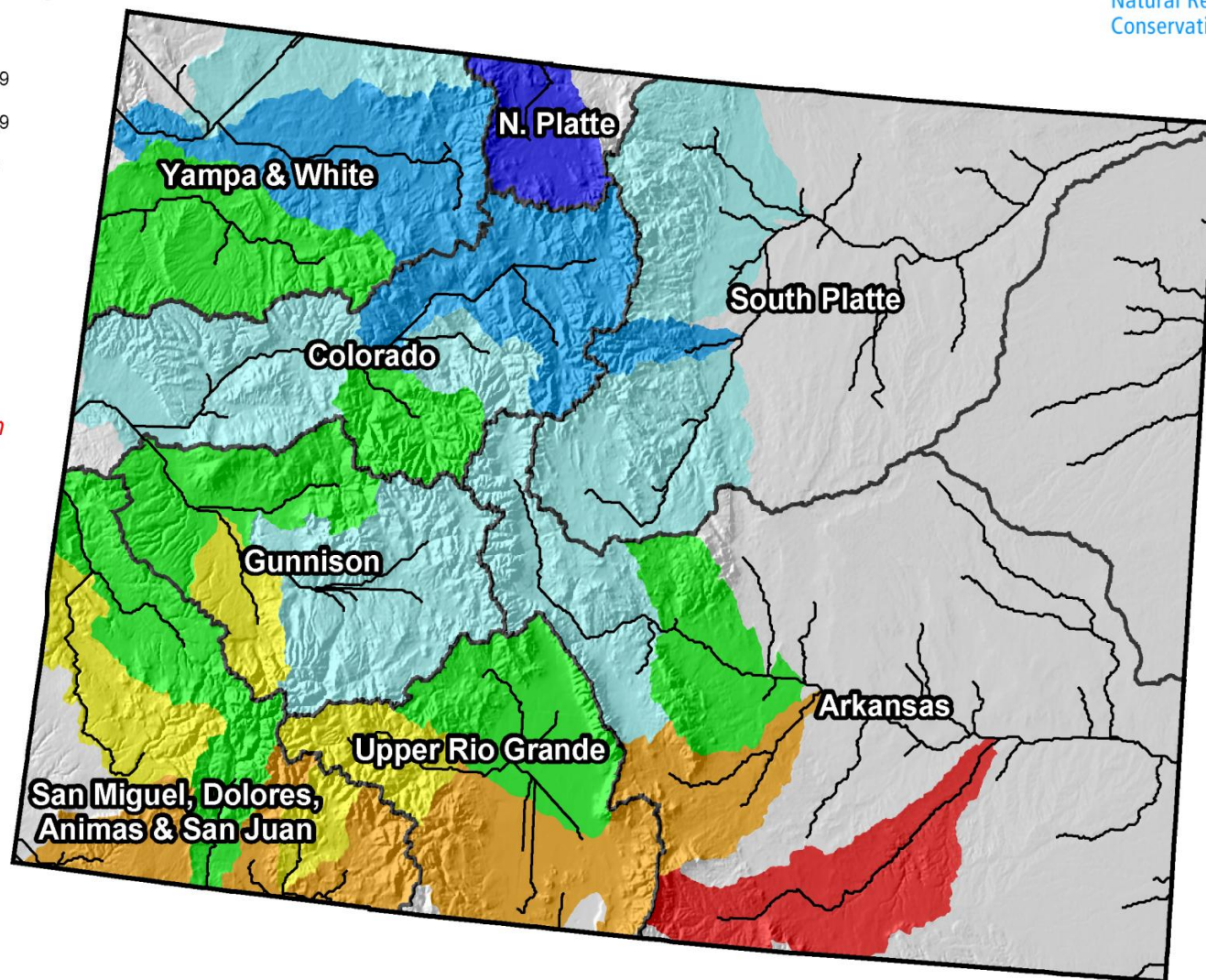
End of April 2014

Colorado Streamflow Forecast Map

Percent of Average



*Provisional Data
Subject to Revision*



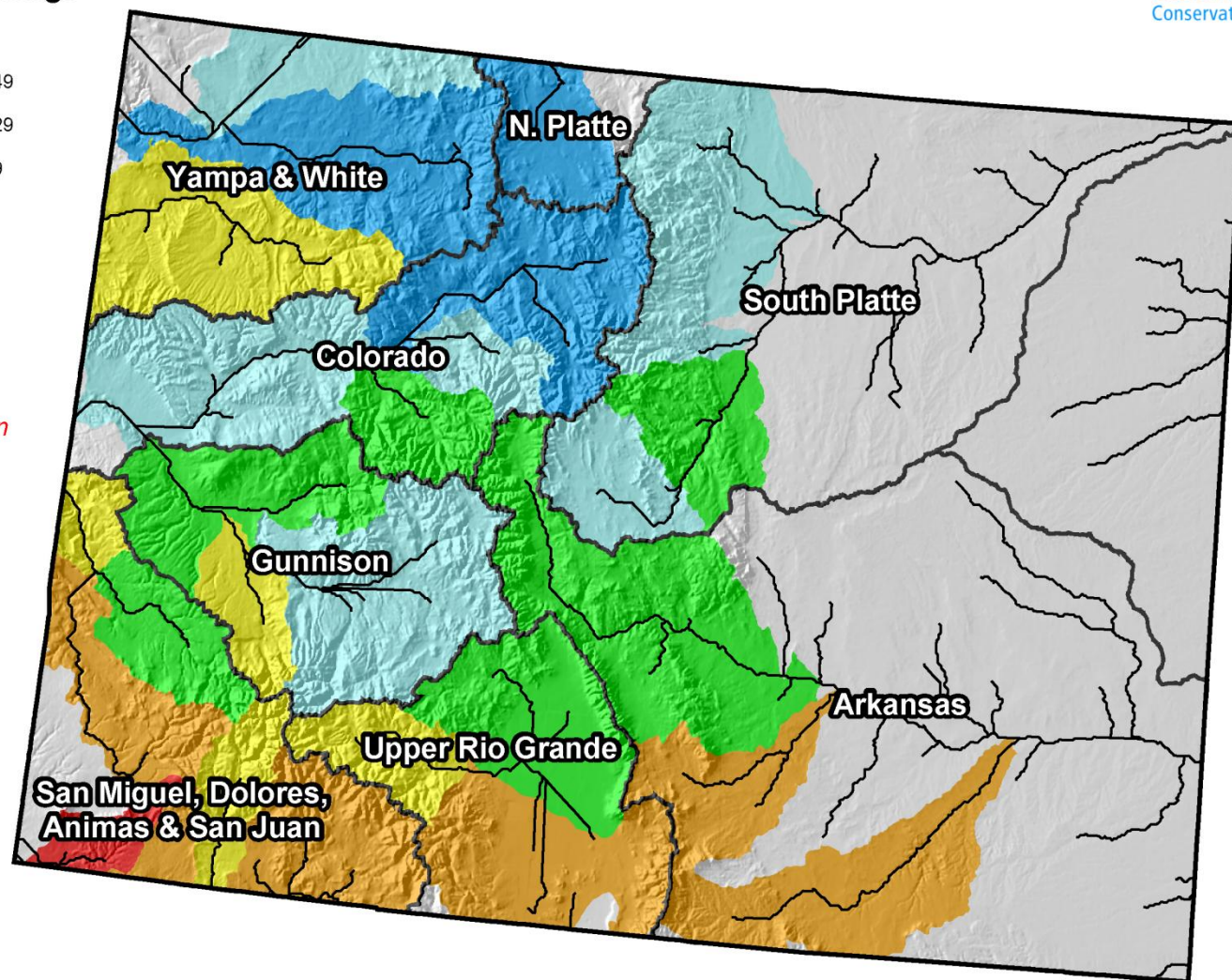
Current as of April 1, 2014

Colorado Streamflow Forecast Map

Percent of Average

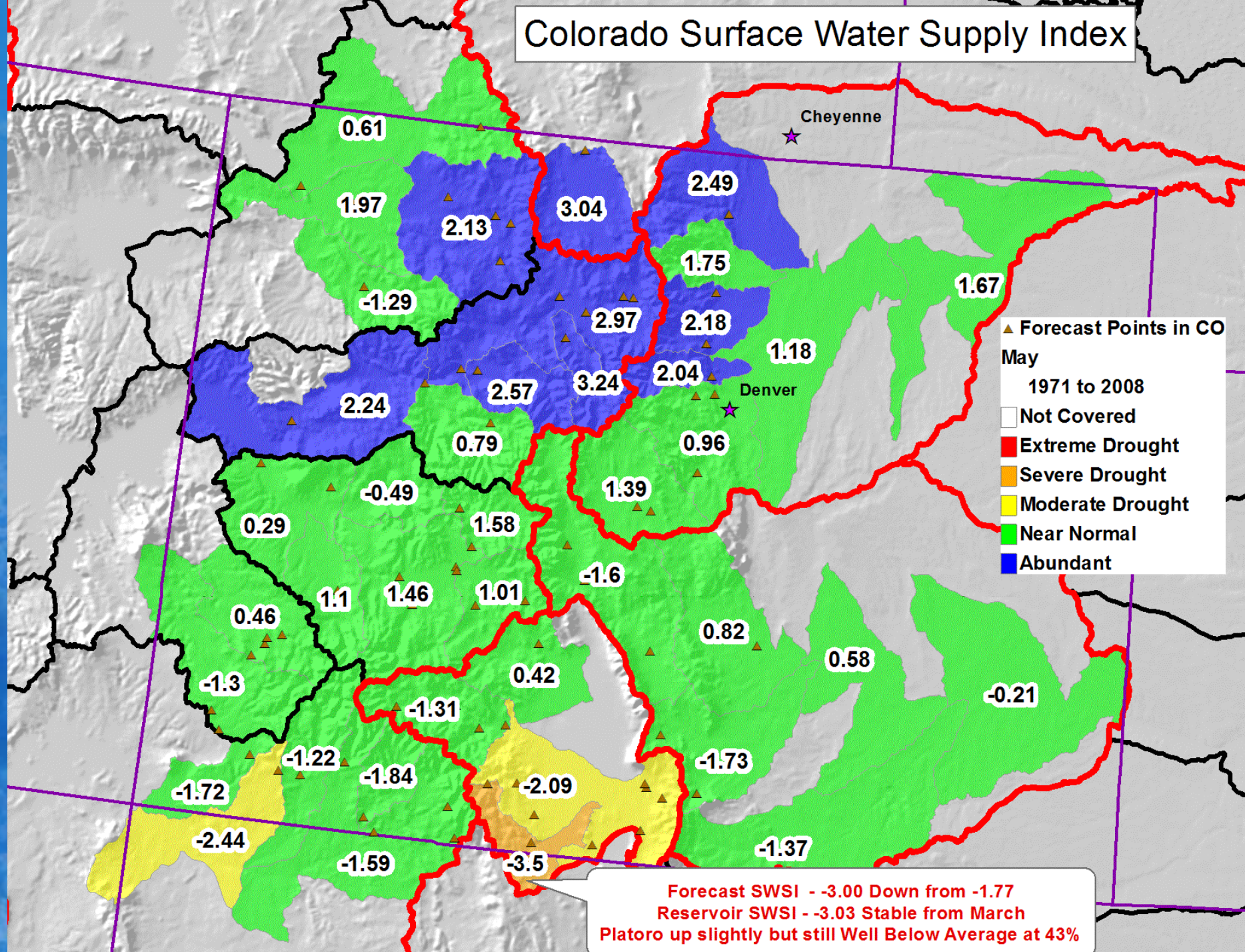


*Provisional Data
Subject to Revision*



Current as of May 1, 2014

Colorado Surface Water Supply Index



Summary

- All basins saw a decline in snowpack percent of average thru April due in most part to above average snowmelt and partially to below average precipitation
- Since mid-April snowmelt is tracking right at average statewide, which, in general, should enable consistent peak flow timing on par with similar snowpack peaks
- As of May 1 – of the 41 SWSIs in the state only three in are in the lower quartile. Ten are in the upper quartile. Very slight decline from last month
- Variation among many parameters exists this month - be sure to consult the Basin Outlook Report or our webpage for specifics

Water Availability Task Force Meeting

May 16th, 2014

NRCS Snow Survey and Water Supply Forecasting Program

Brian Domonkos

Colorado Snow Survey Supervisor

720-544-2852

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