

Water Availability Task Force Meeting

April 16th, 2014

NRCS Snow Survey and Water Supply Forecasting Program

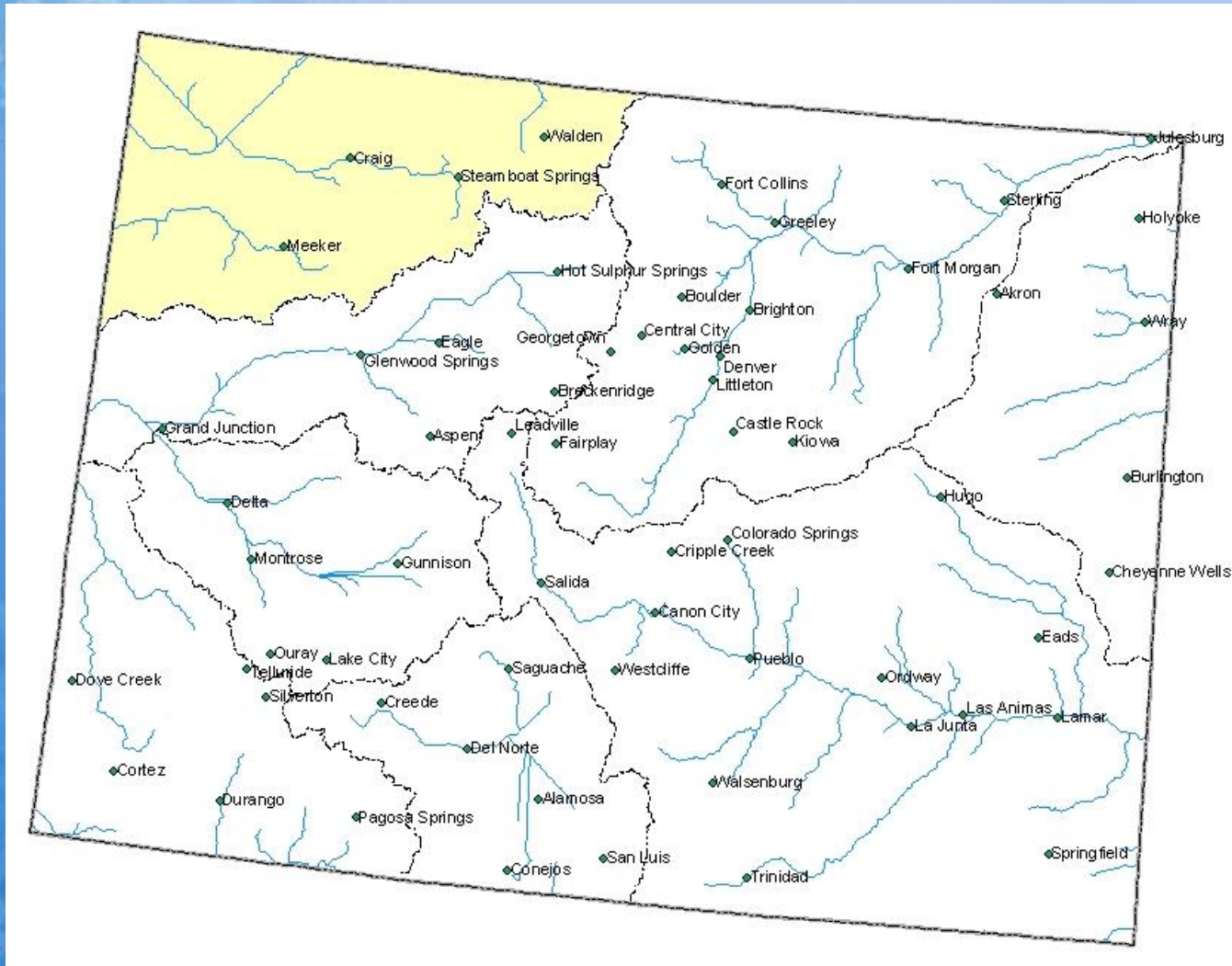
Mage Hultstrand

Assistant Snow Survey Supervisor

720-544-2855

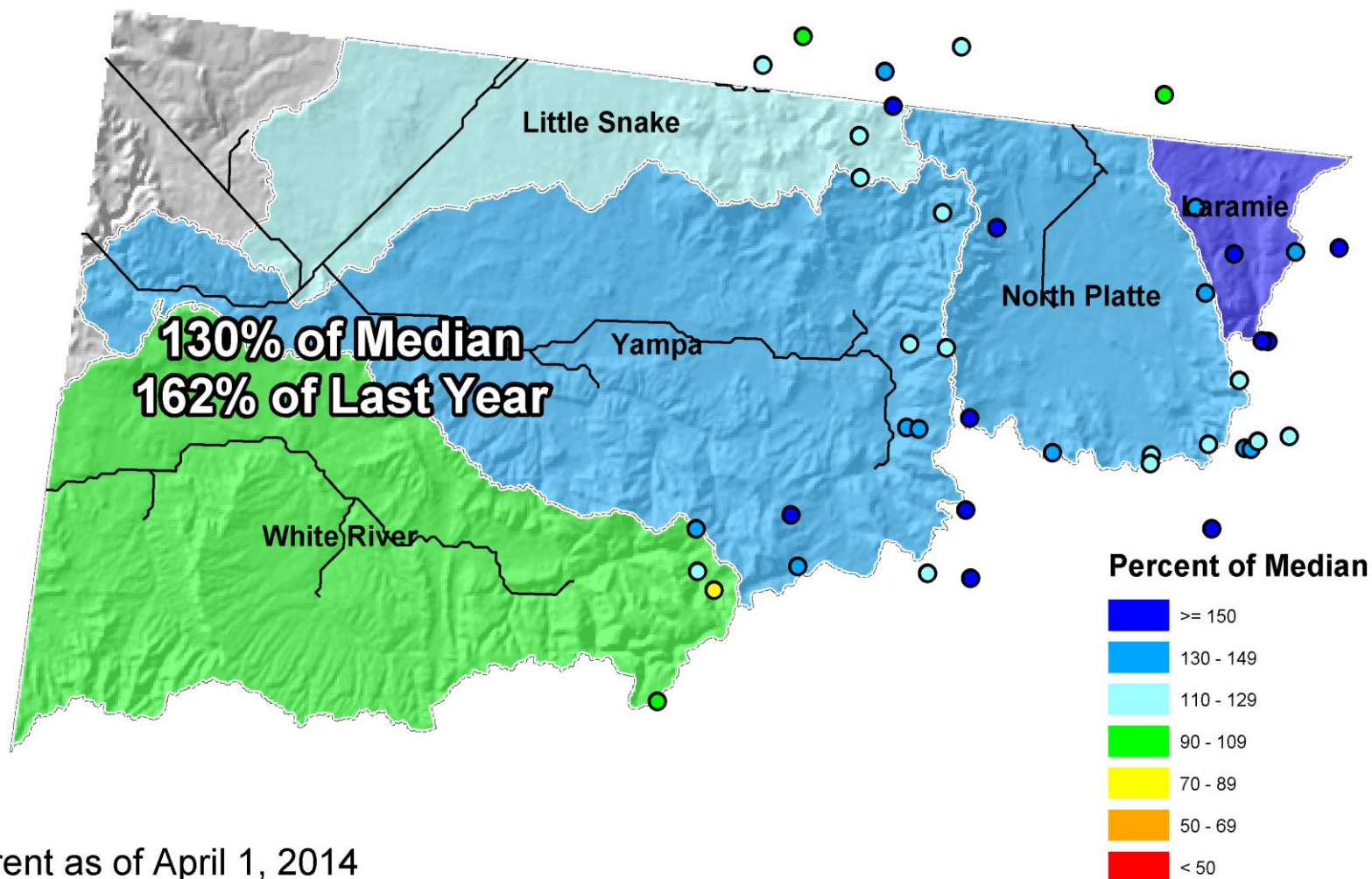
<http://www.co.nrcs.usda.gov/snow/>

Yampa, White & North Platte River Basins Summary



Yampa, White and North Platte River Basins Snowpack Map

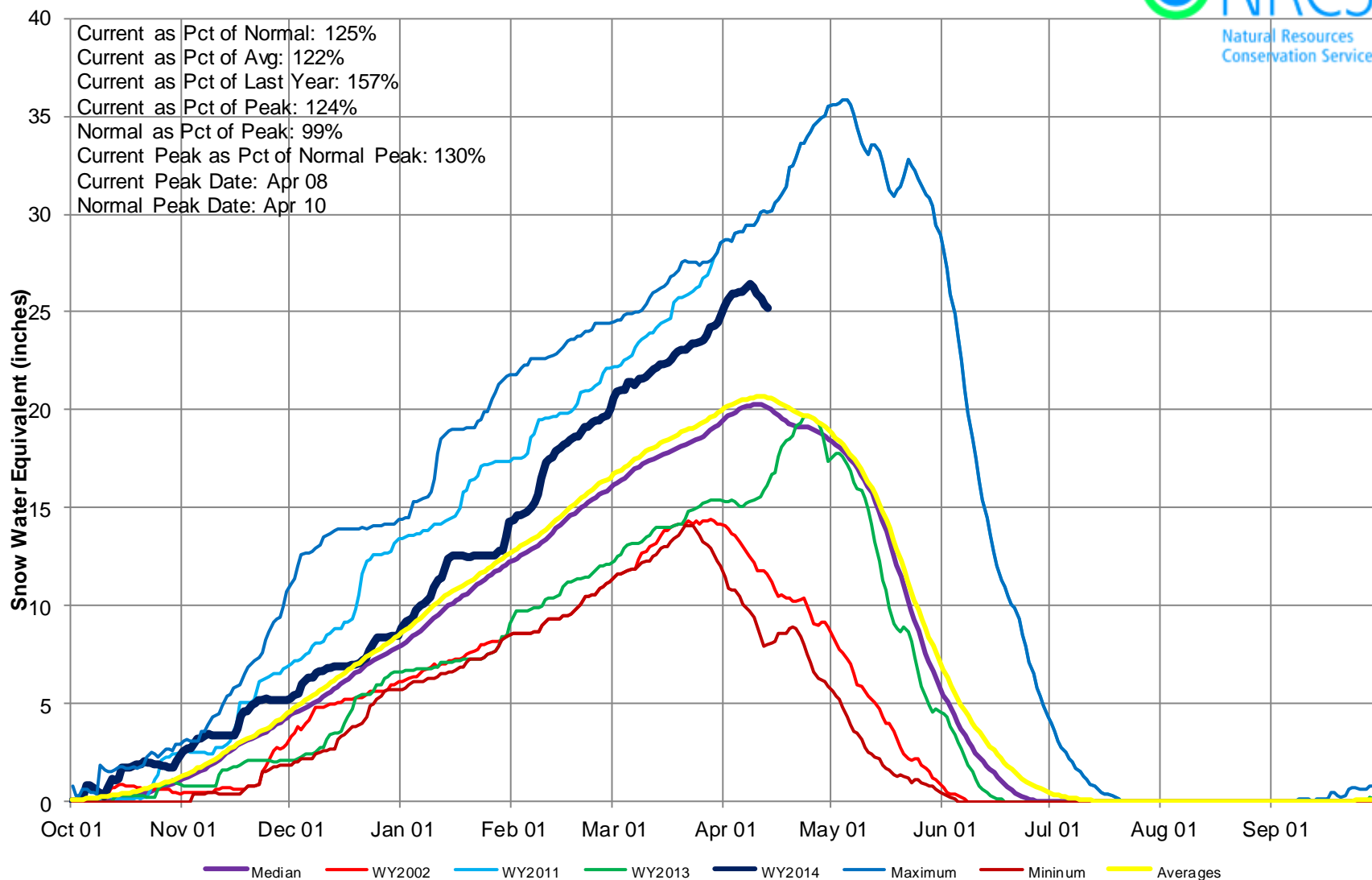
*Provisional Data
Subject to Revision*



Current as of April 1, 2014

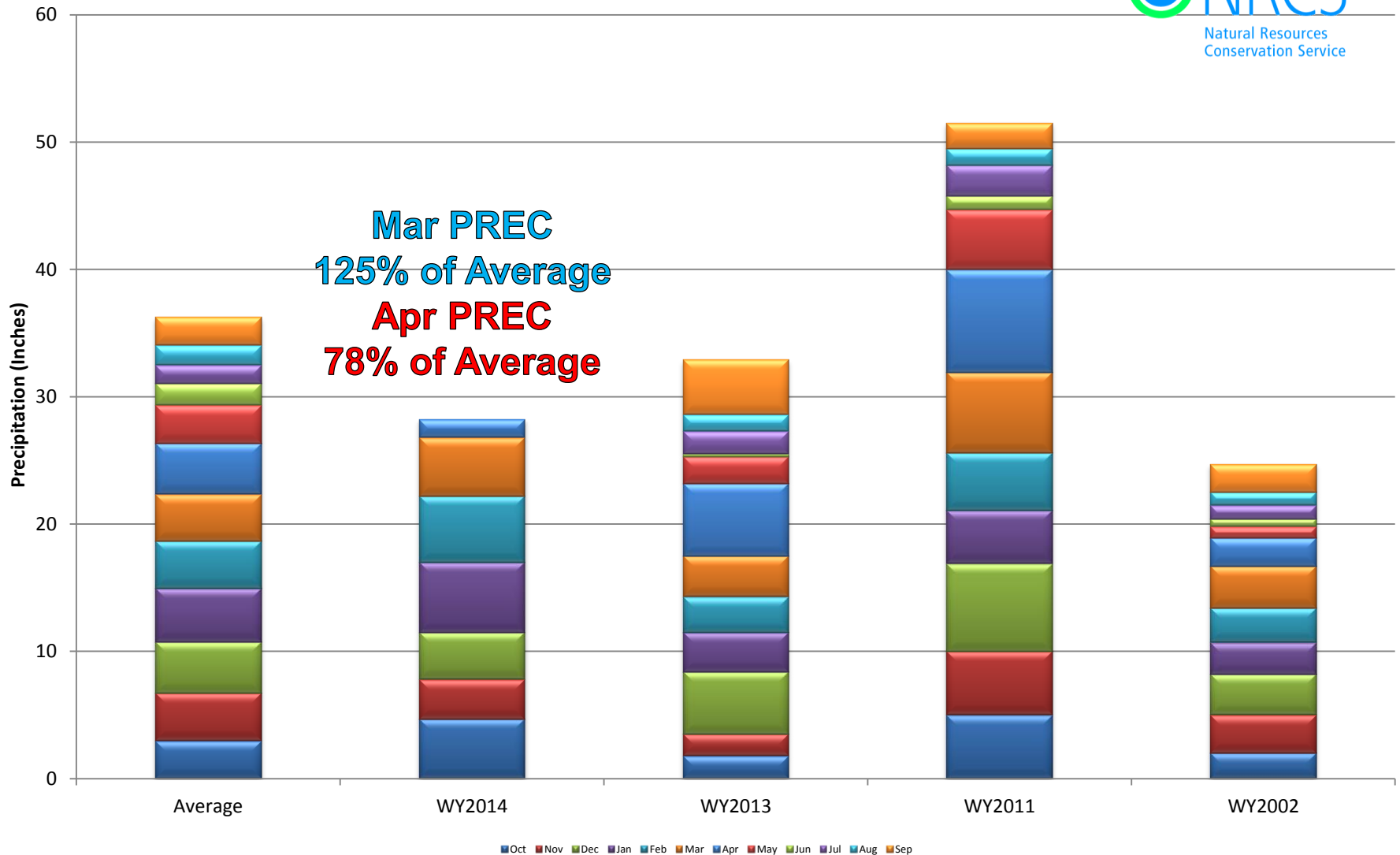
Yampa, White & North Platte River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Apr 13, 2014



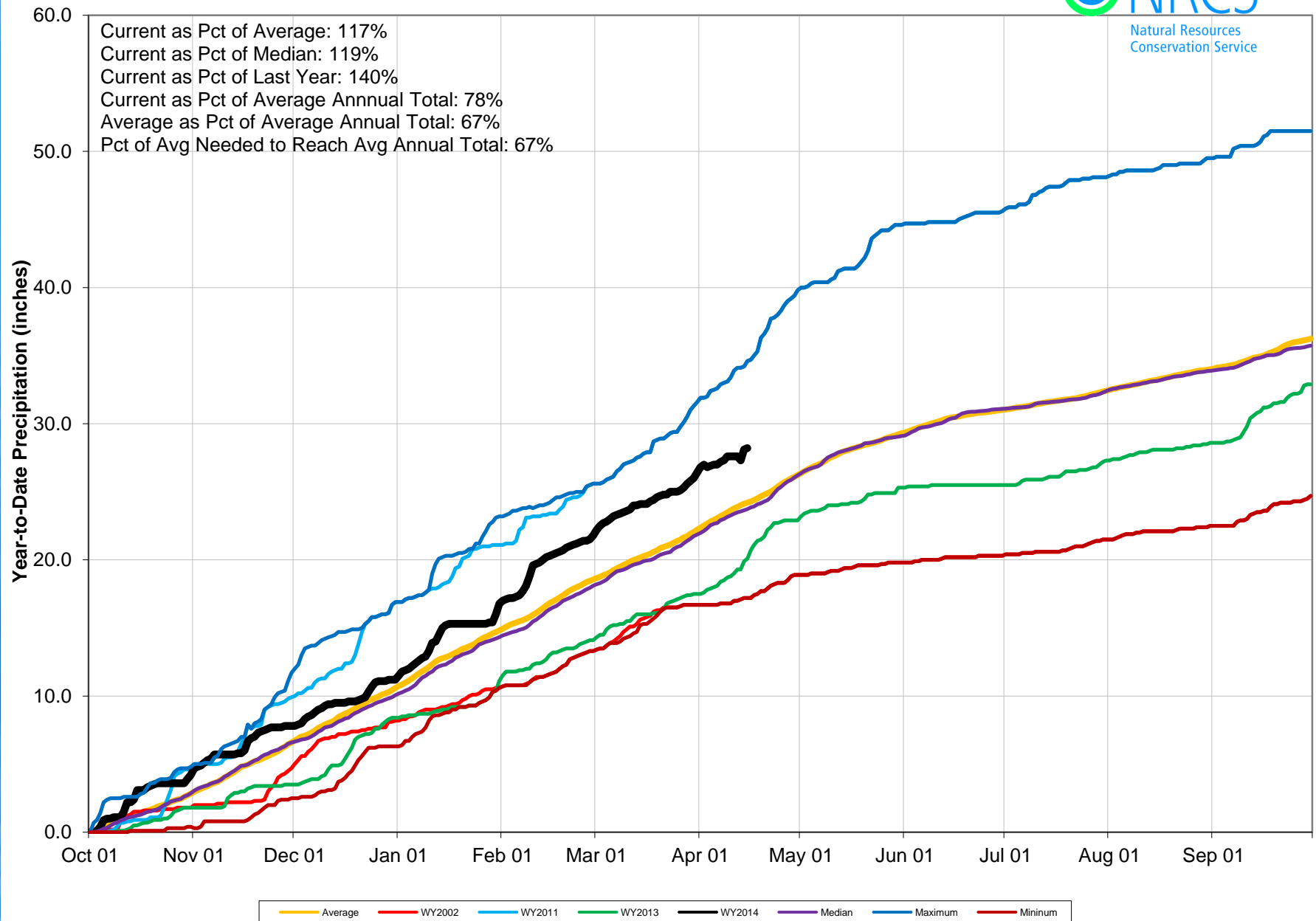
Yampa & White River Basins High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Apr 15, 2014



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

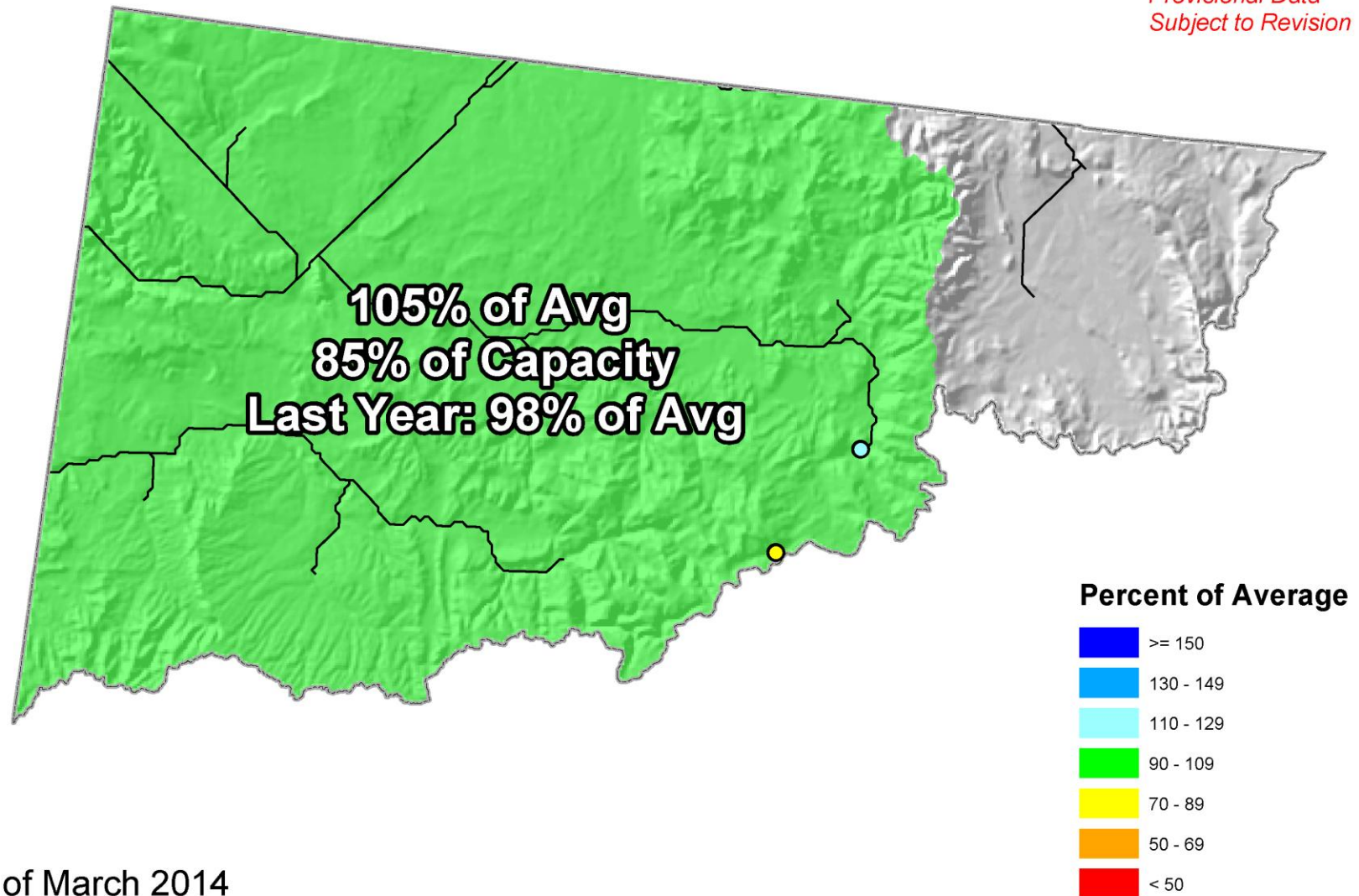
Based on Provisional SNOTEL data as of Apr 15, 2014



Yampa & White River Basins Reservoir Storage Map

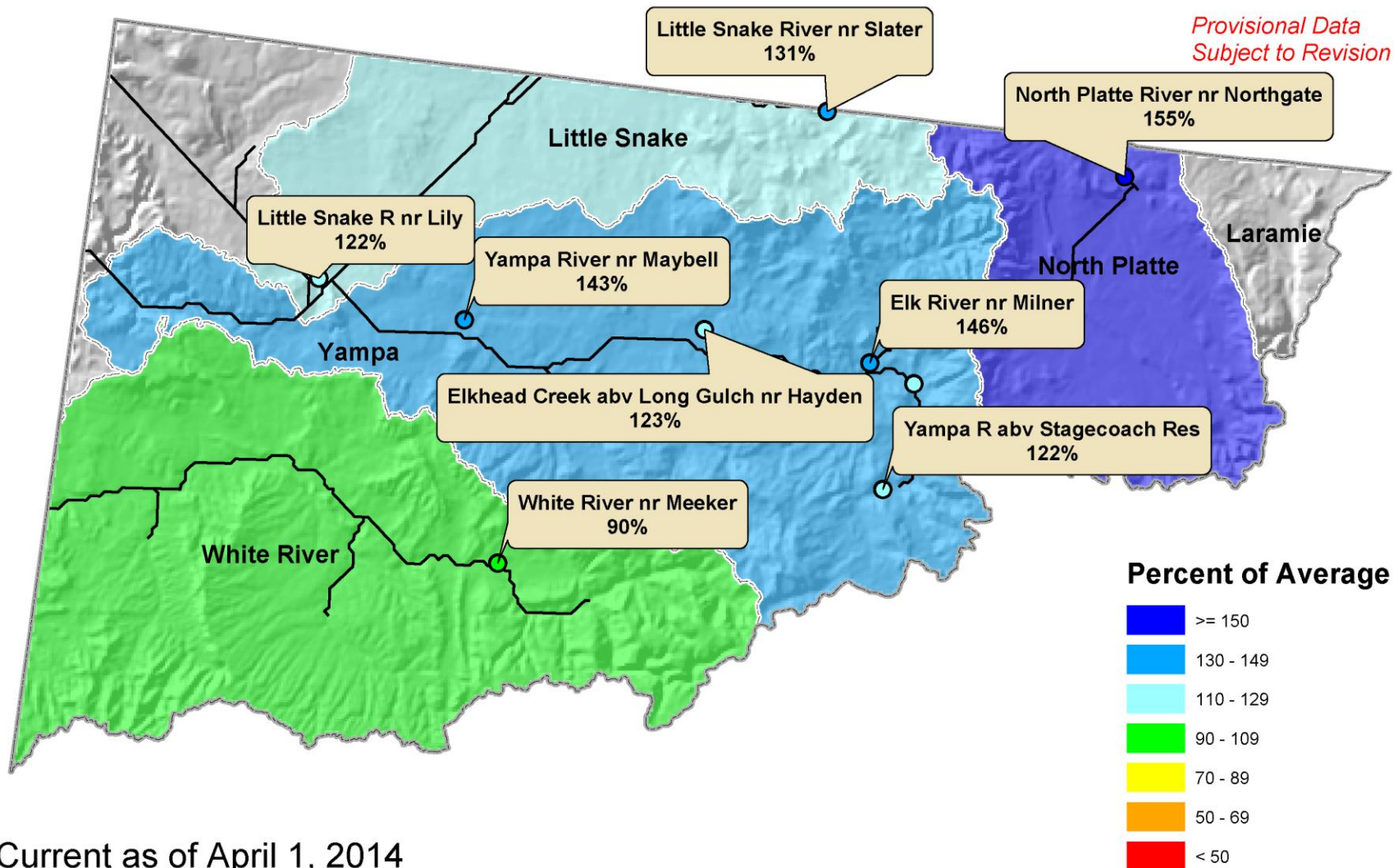


*Provisional Data
Subject to Revision*



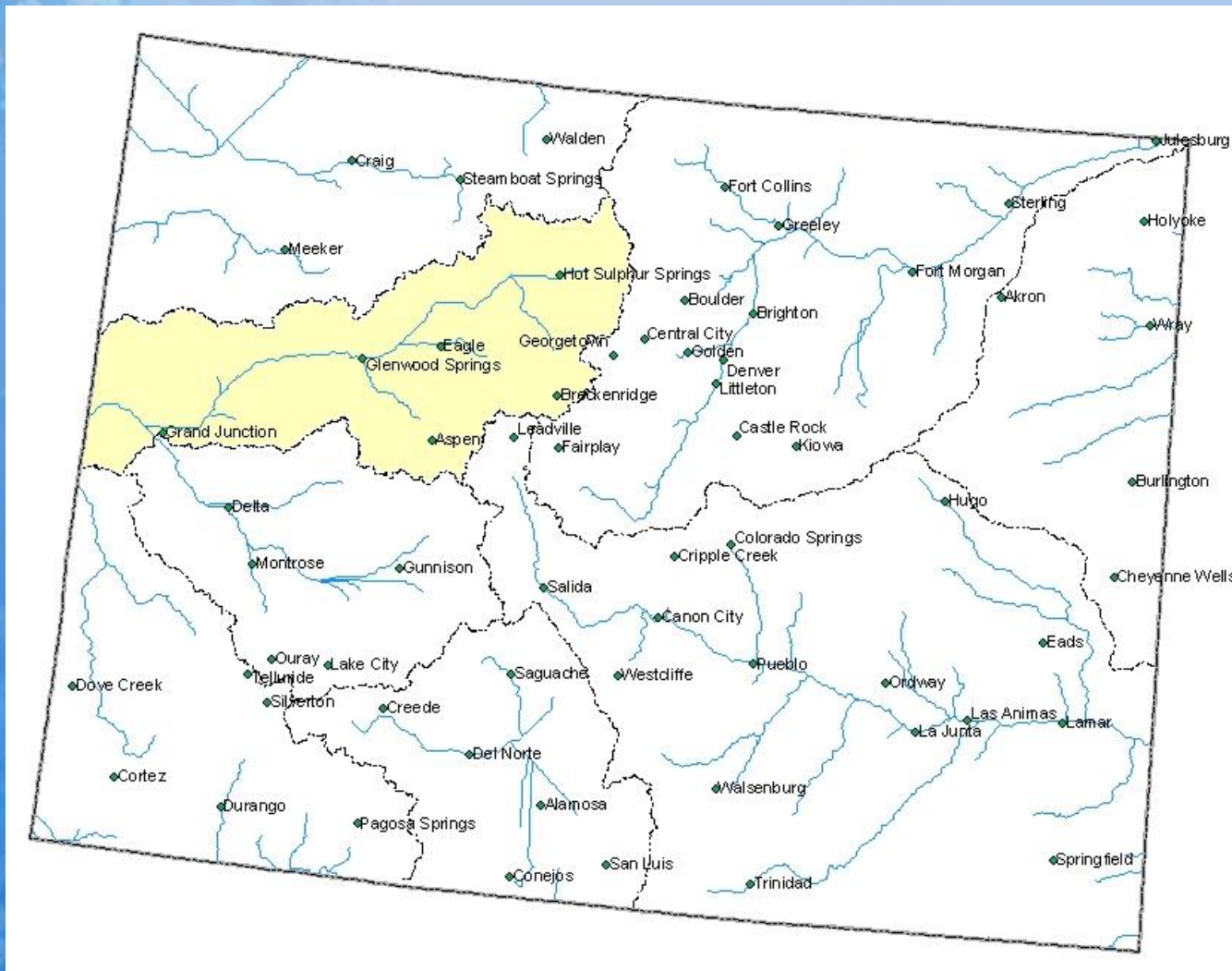
End of March 2014

Yampa, White and North Platte River Basins Streamflow Map



Current as of April 1, 2014

Colorado River Basin Summary

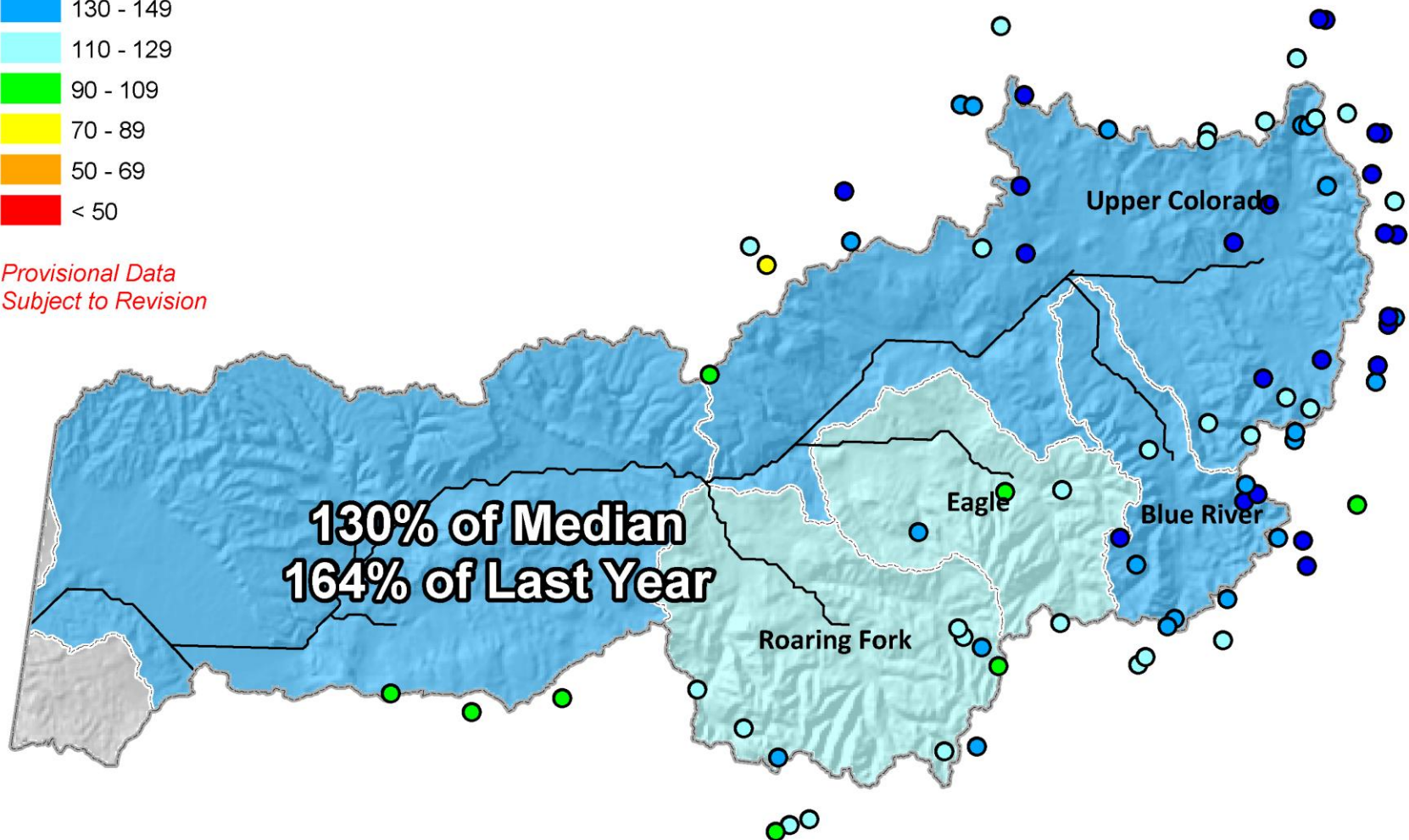


Colorado River Basin Snowpack Map

Percent of Median



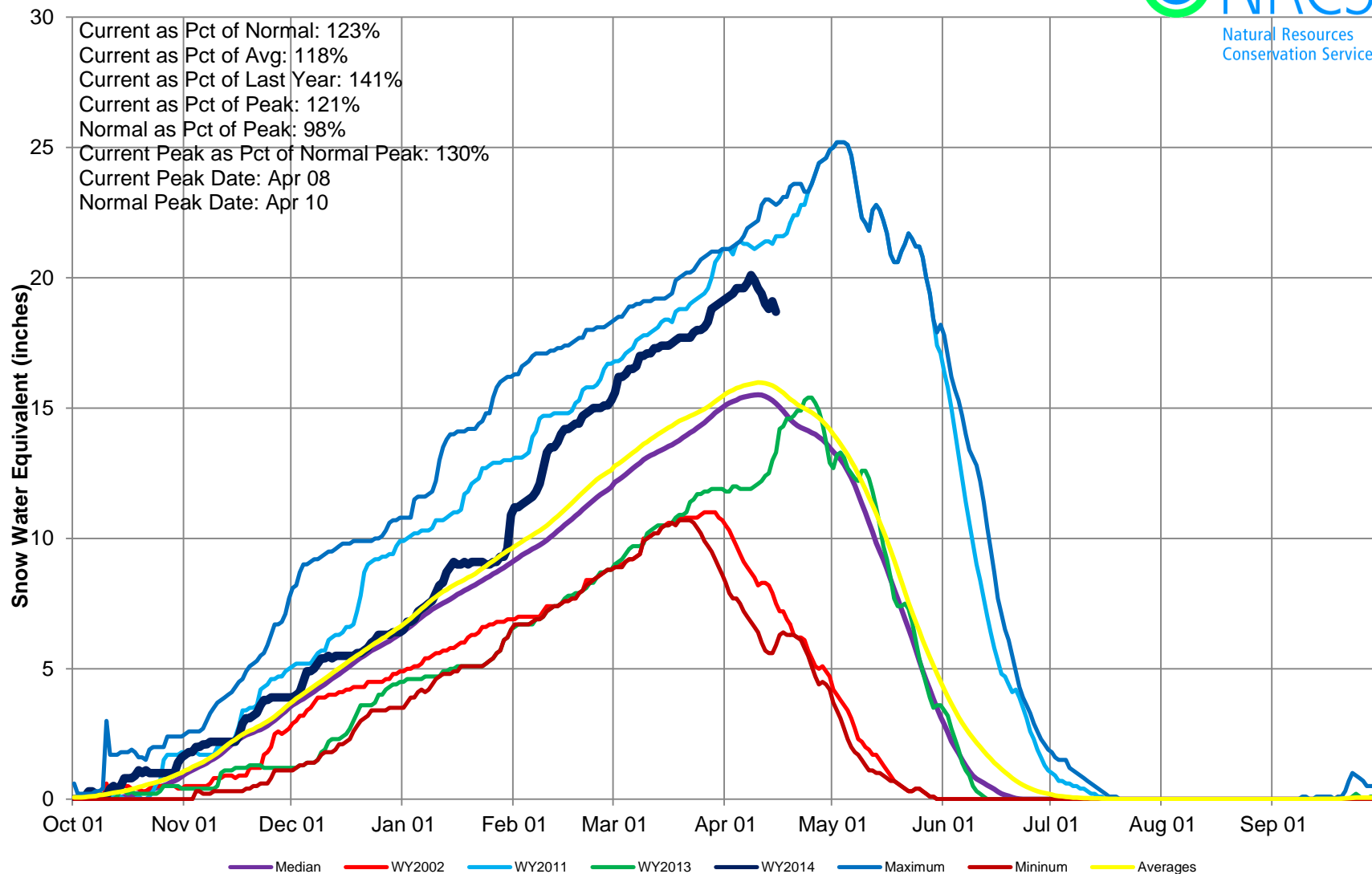
*Provisional Data
Subject to Revision*



Current as of April 1, 2014

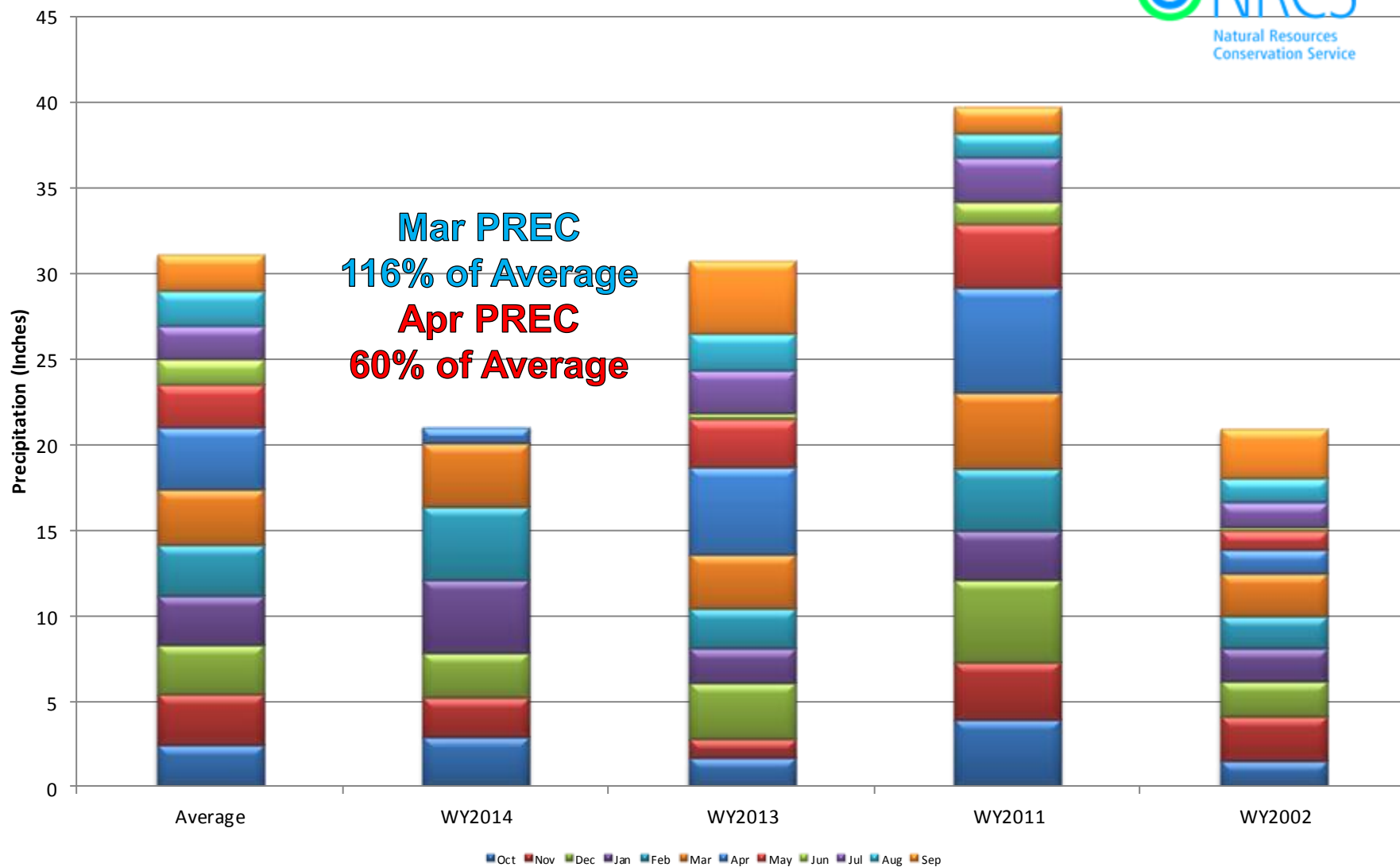
Upper Colorado River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Apr 15, 2014



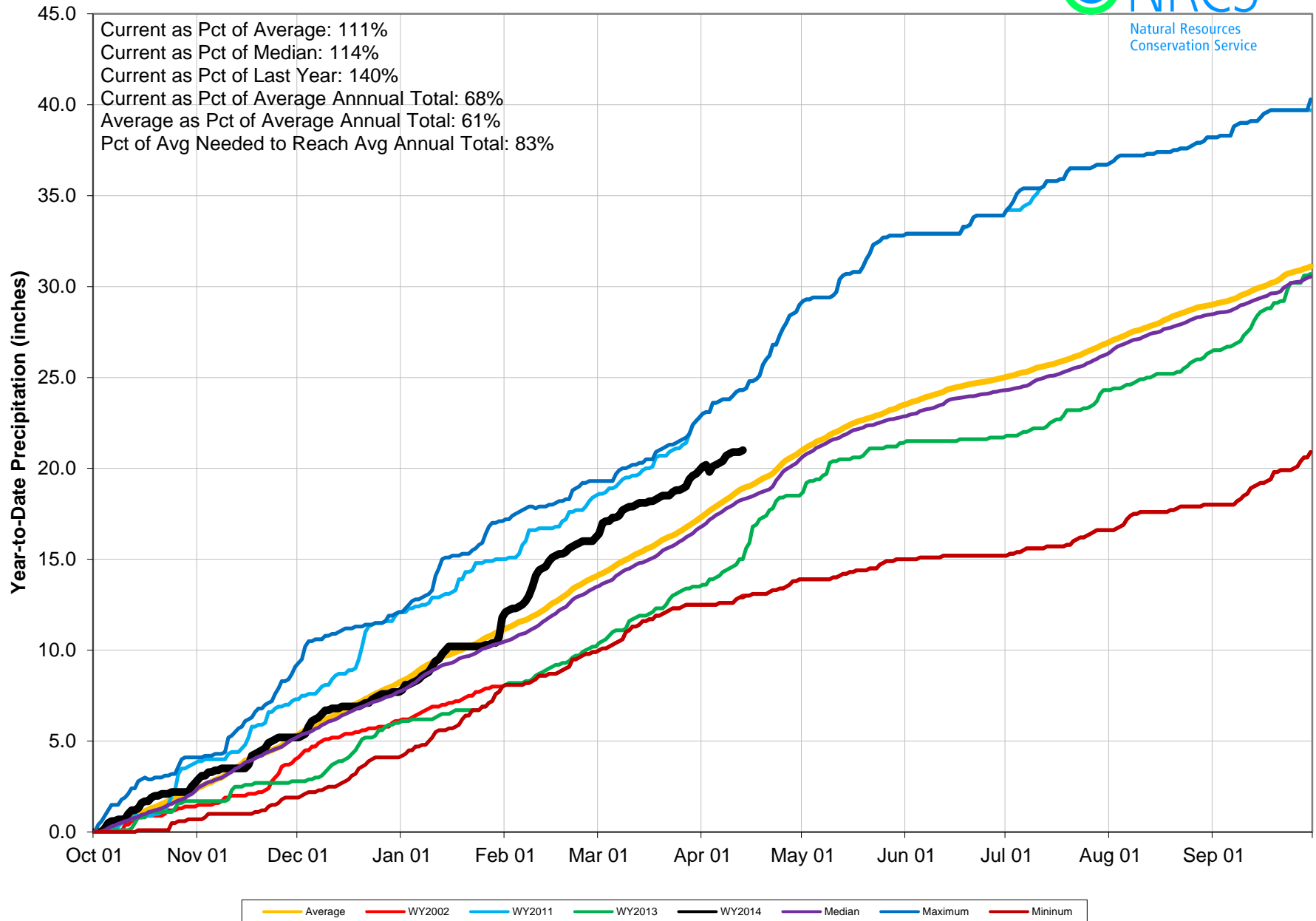
Upper Colorado River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Apr 13, 2014



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

Based on Provisional SNOTEL data as of Apr 13, 2014

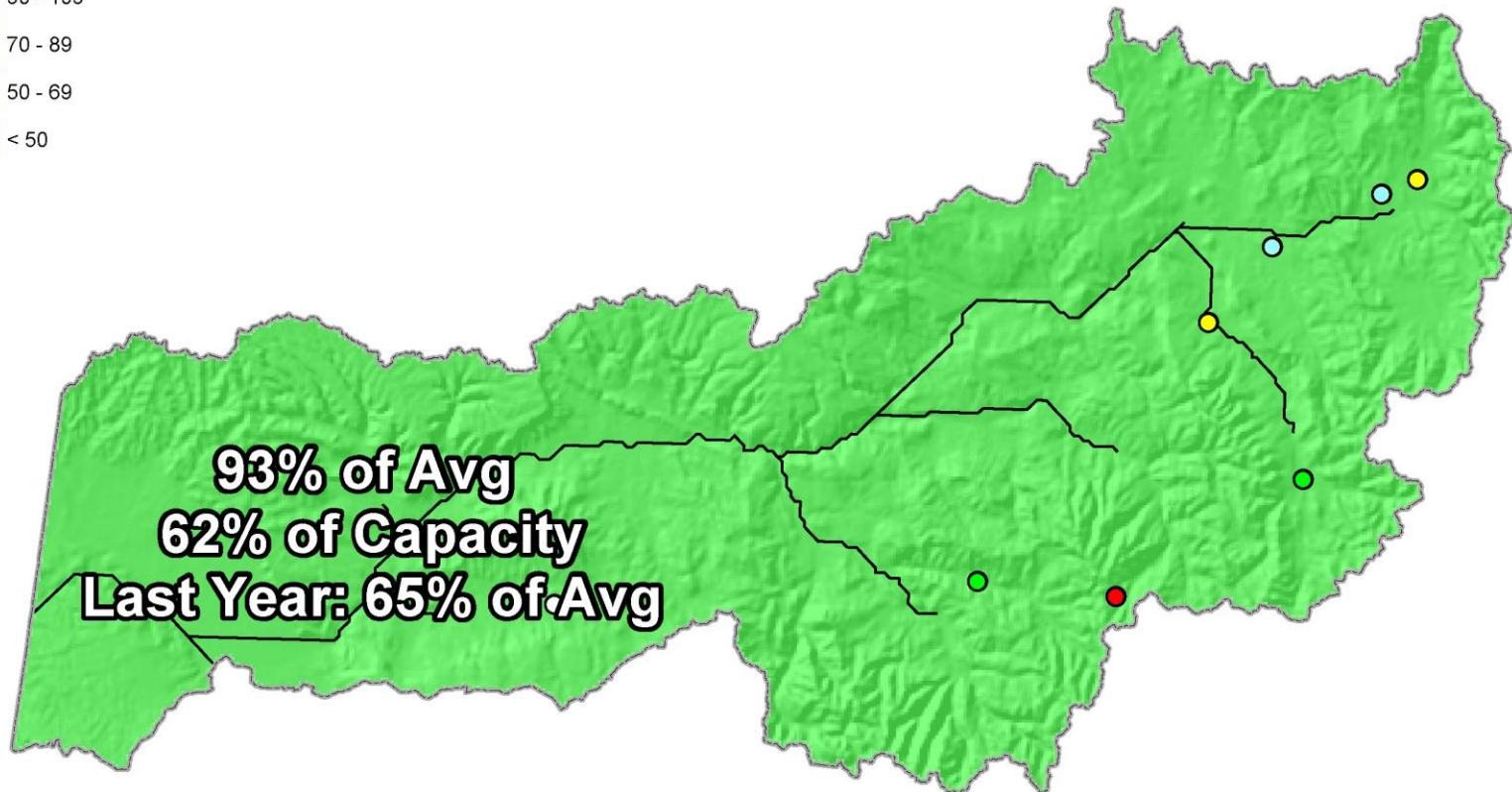


Colorado River Basin Reservoir Storage Map

Percent of Average



*Provisional Data
Subject to Revision*

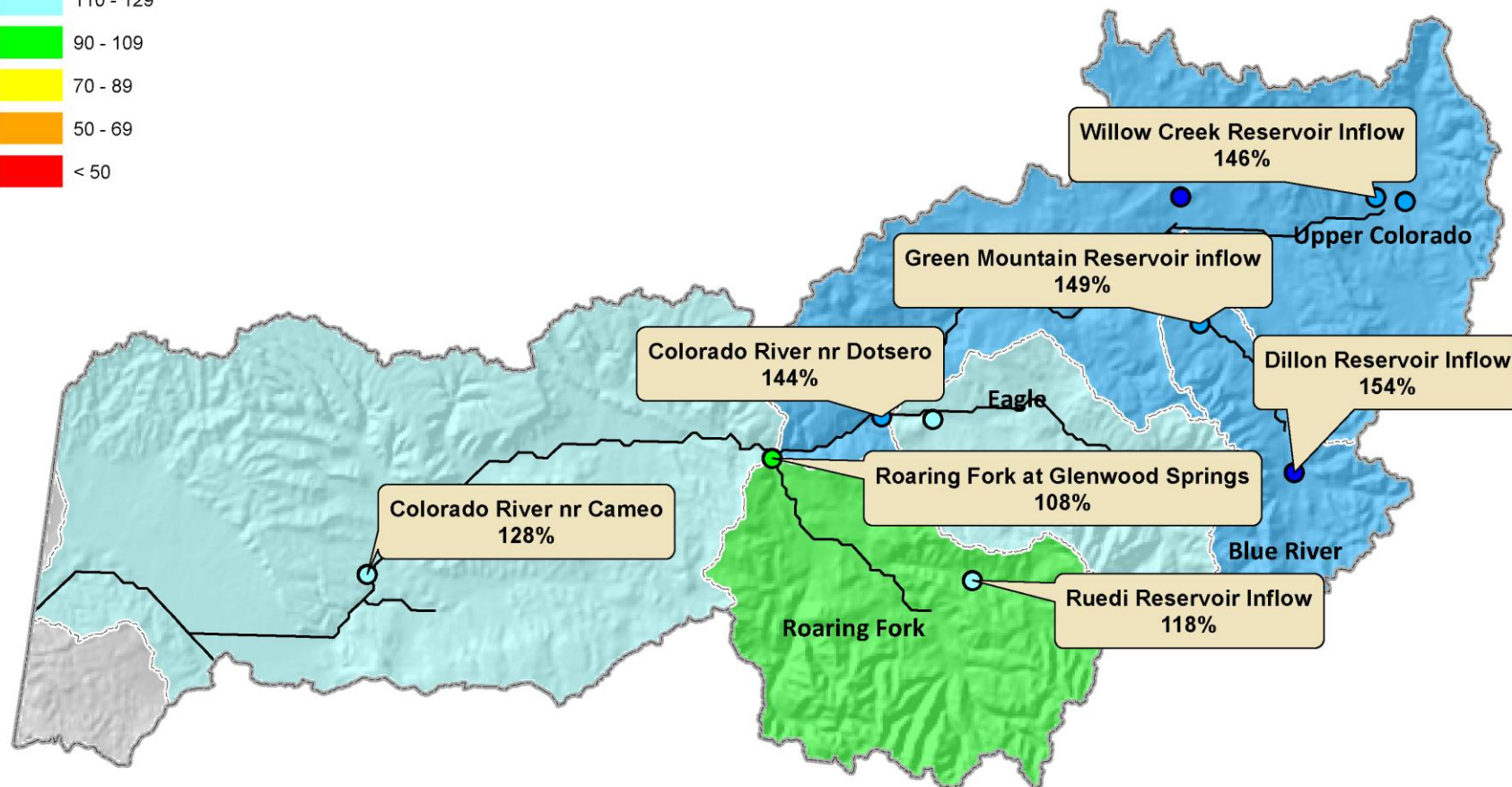


End of March 2014

Colorado River Basin Streamflow Forecast Map

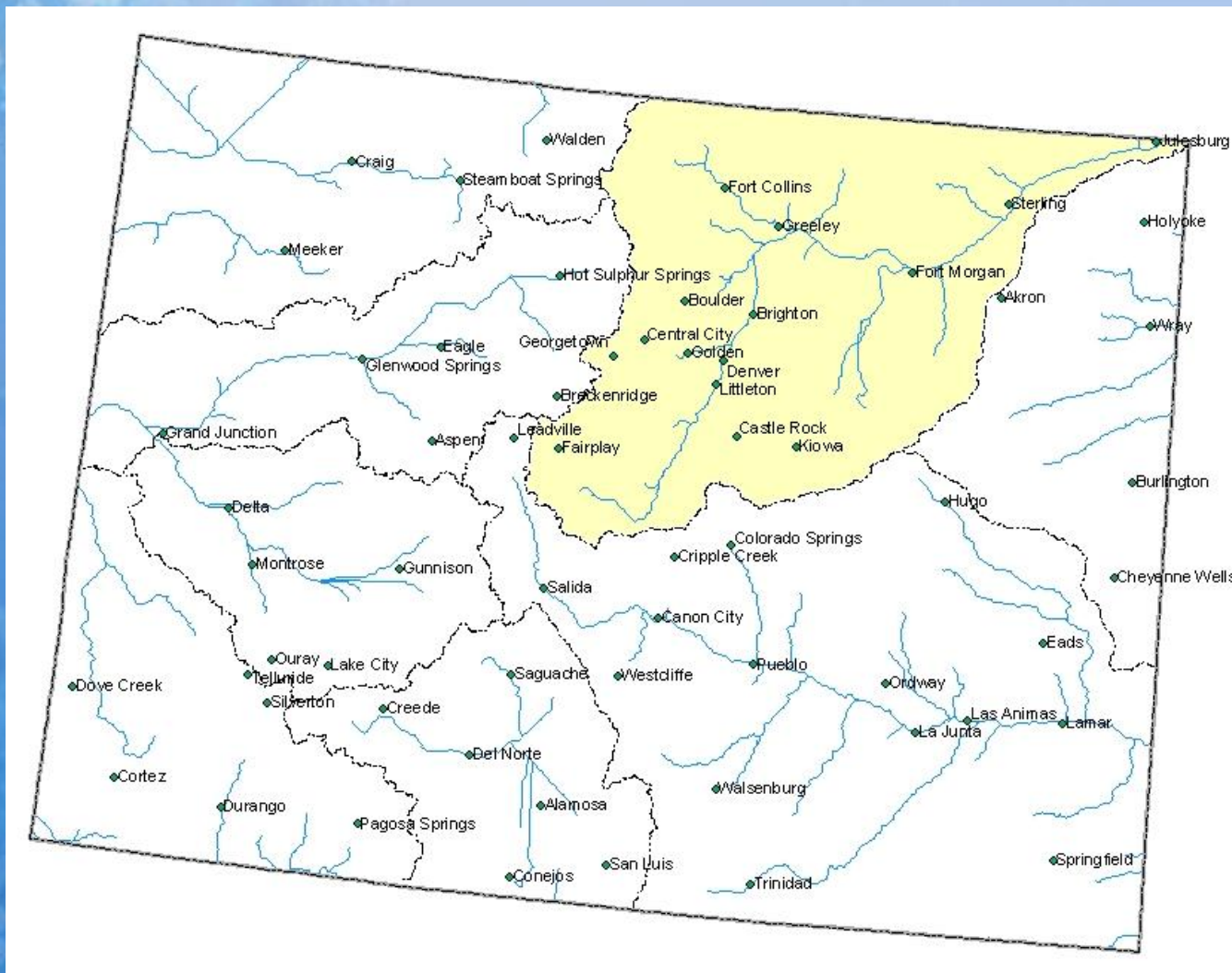
*Provisional Data
Subject to Revision*

Percent of Average



Current as of April 1, 2014

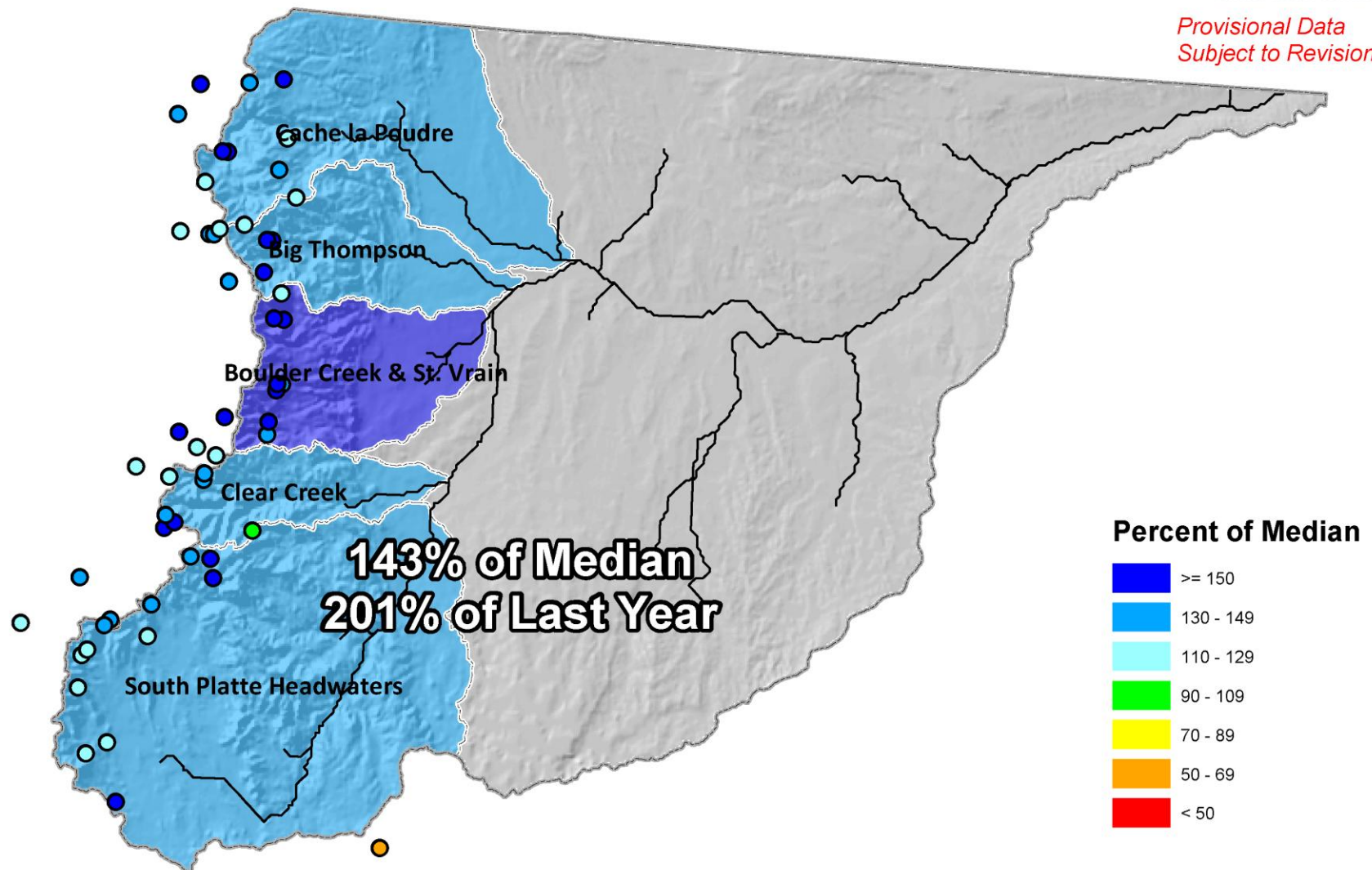
South Platte River Basin Summary



South Platte River Basin Snowpack Map



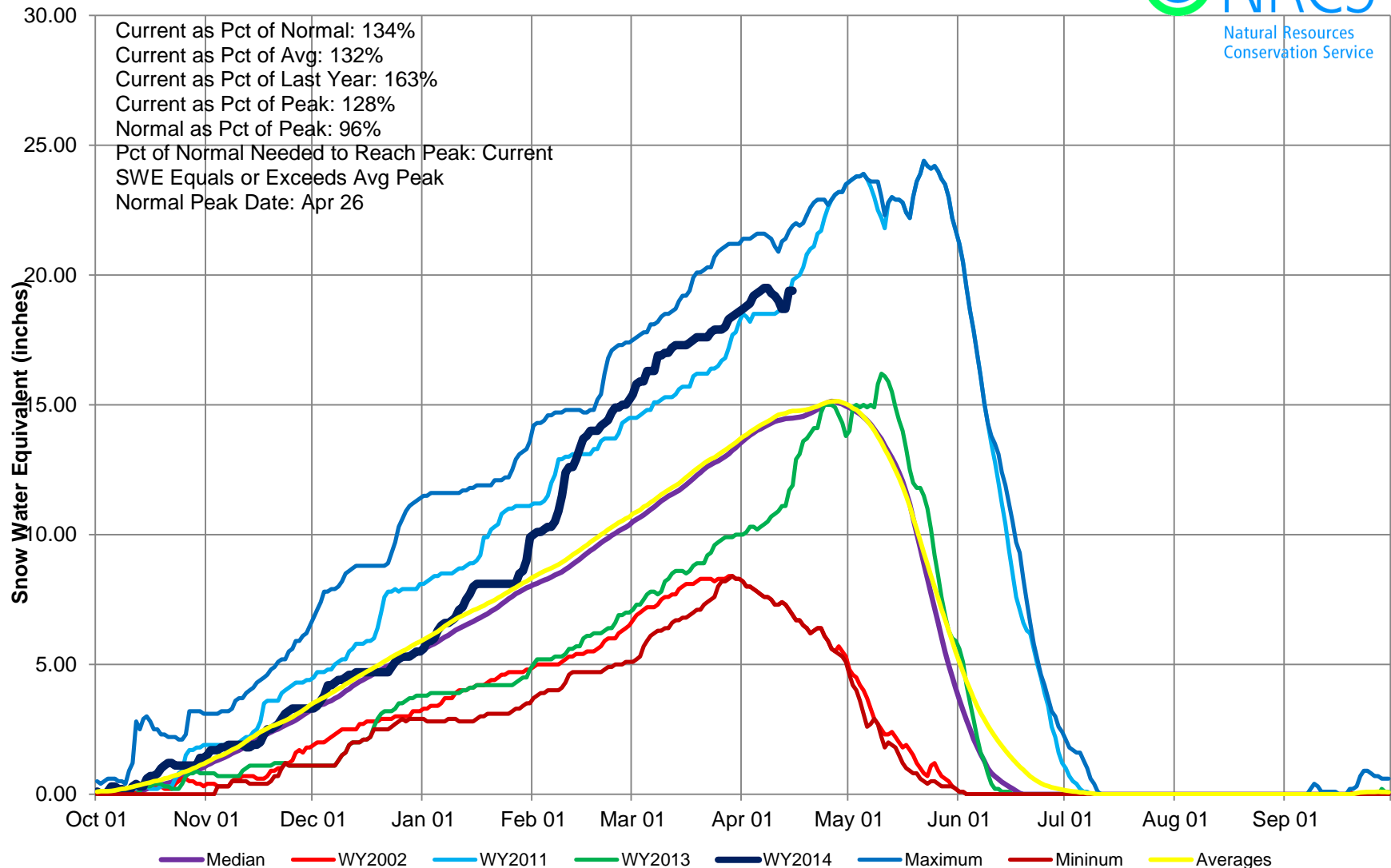
*Provisional Data
Subject to Revision*



Current as of April 1, 2014

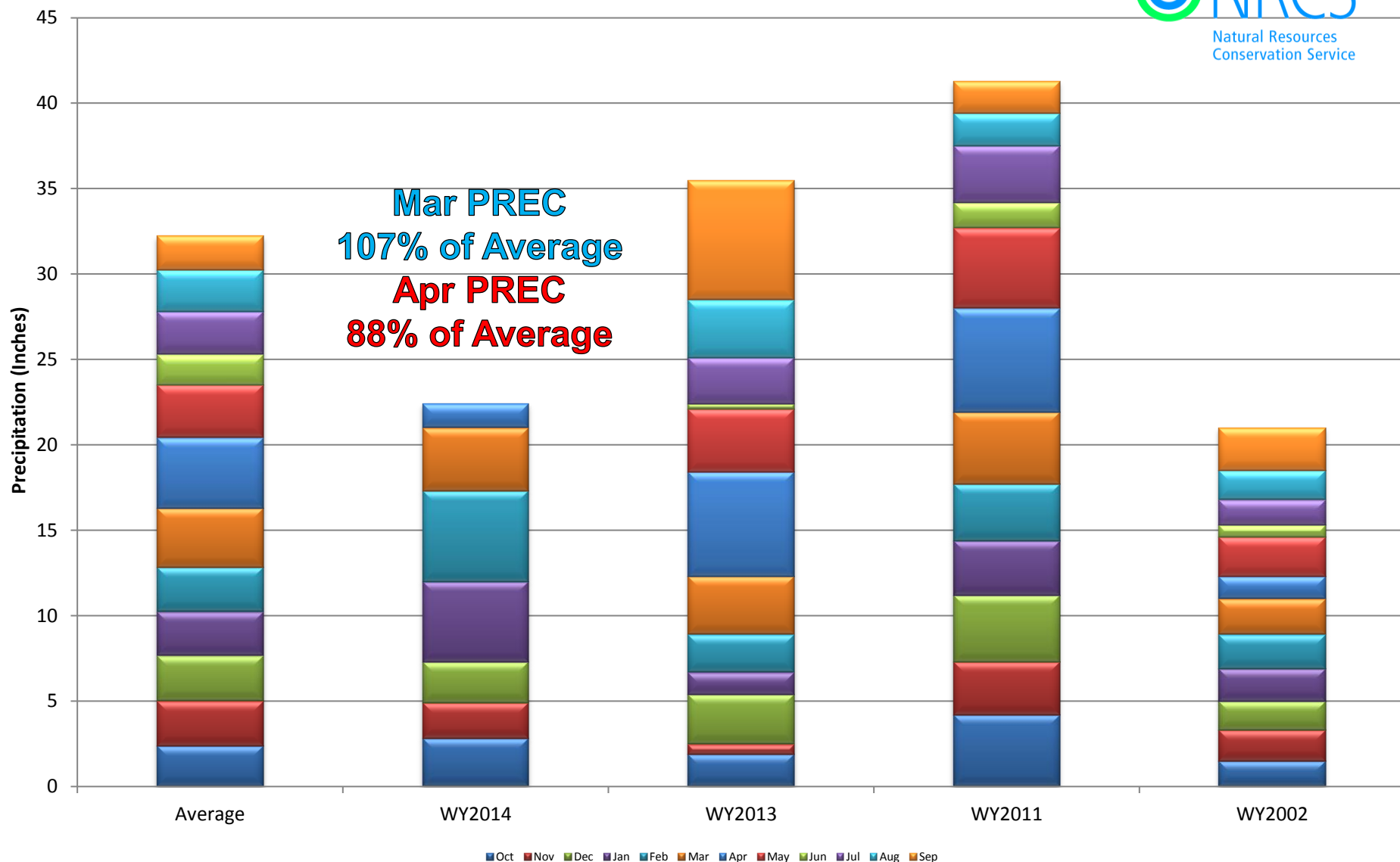
South Platte River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Apr 15, 2014



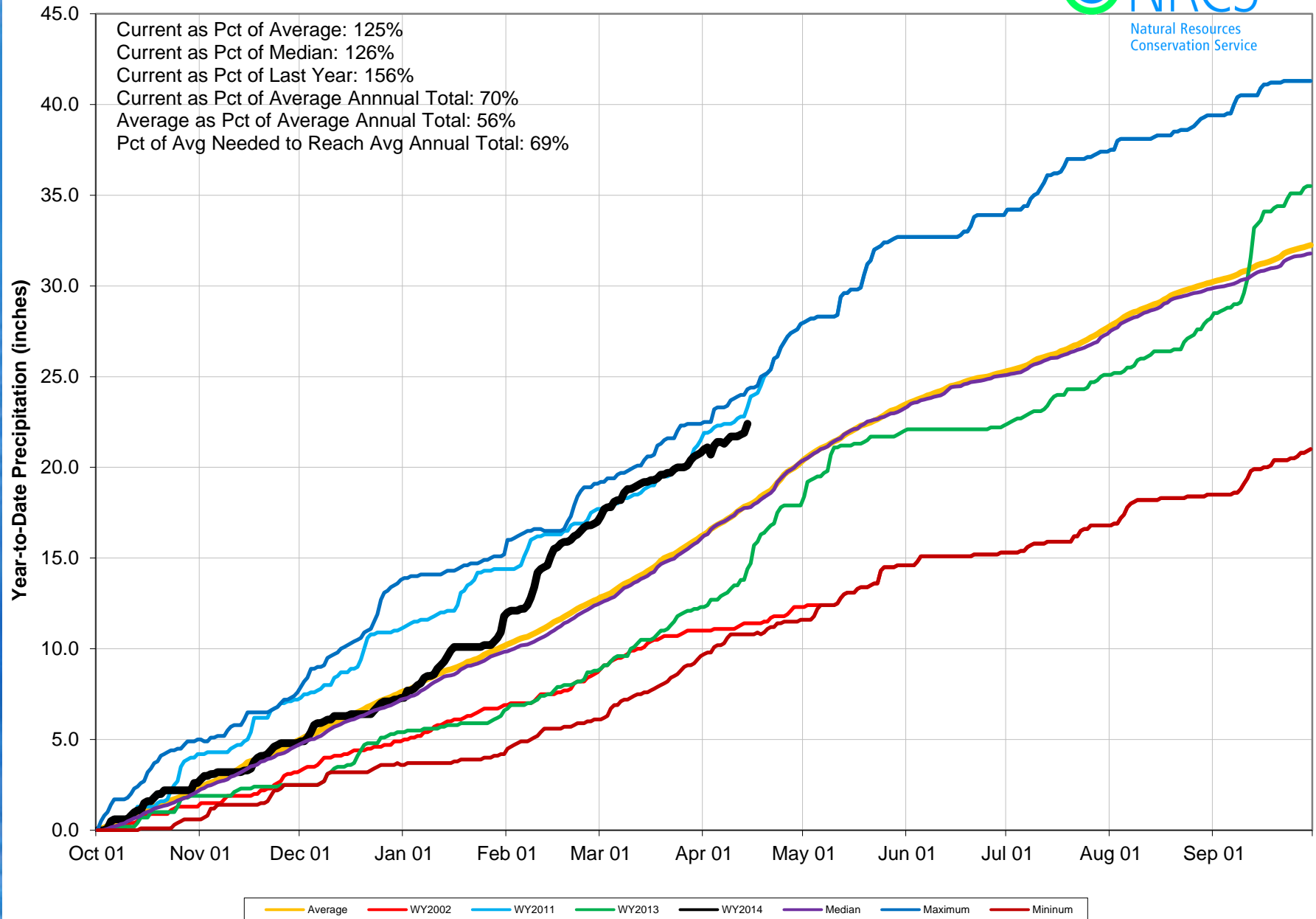
South Platte River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Apr 14, 2014



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

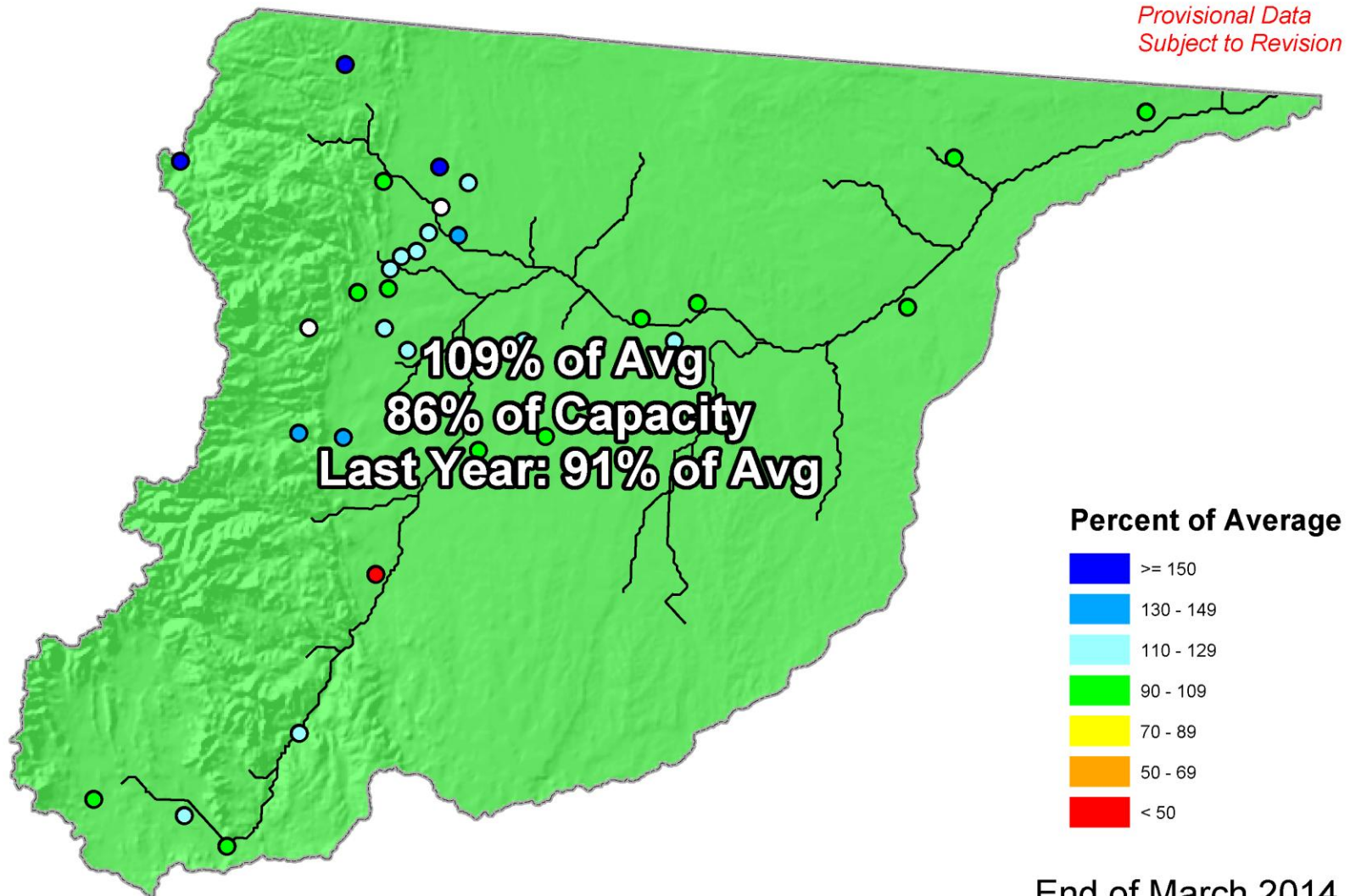
Based on Provisional SNOTEL data as of Apr 14, 2014



South Platte River Basin Reservoir Storage Map



*Provisional Data
Subject to Revision*

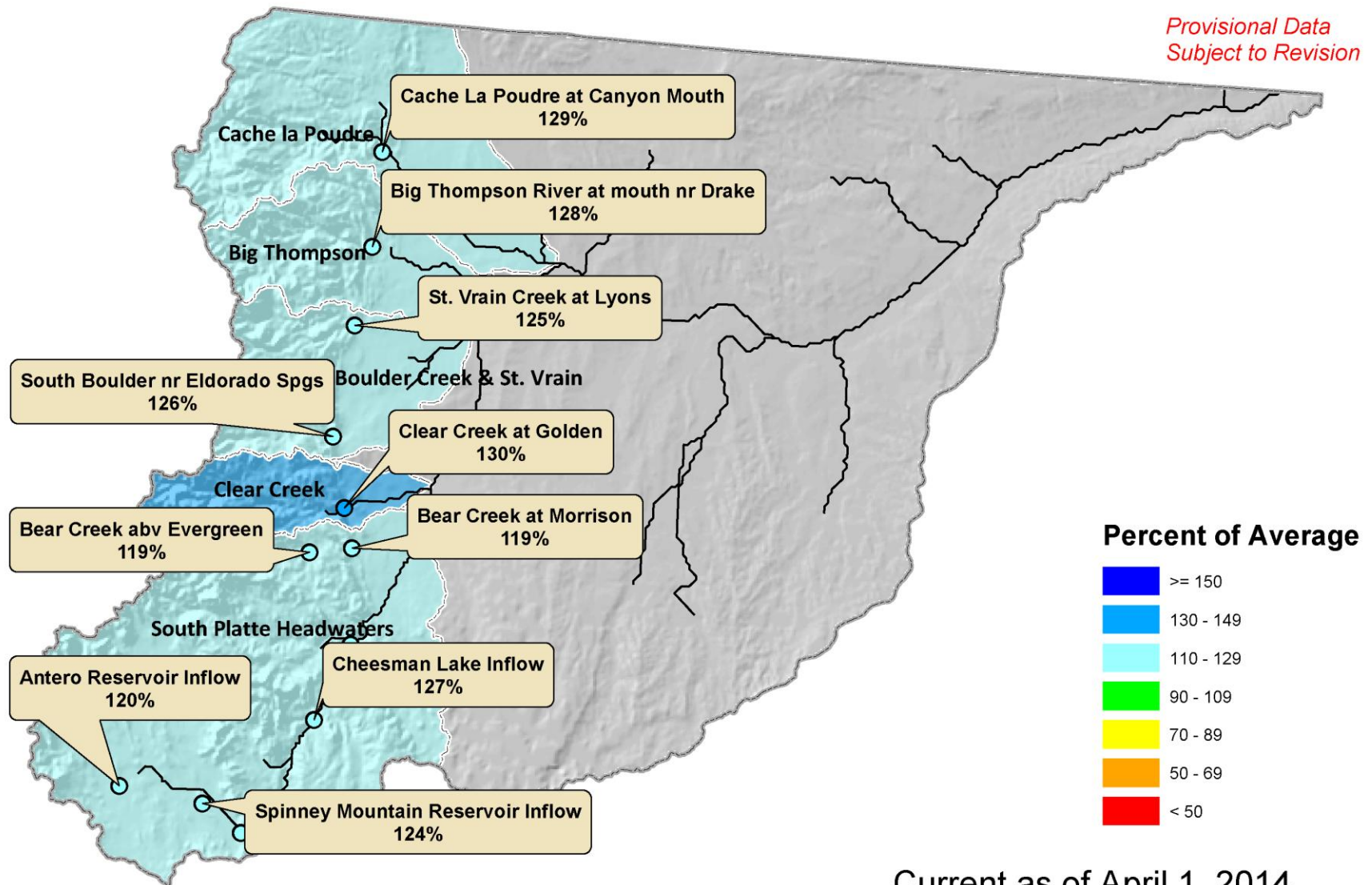


End of March 2014

South Platte River Basin Streamflow Forecast Map

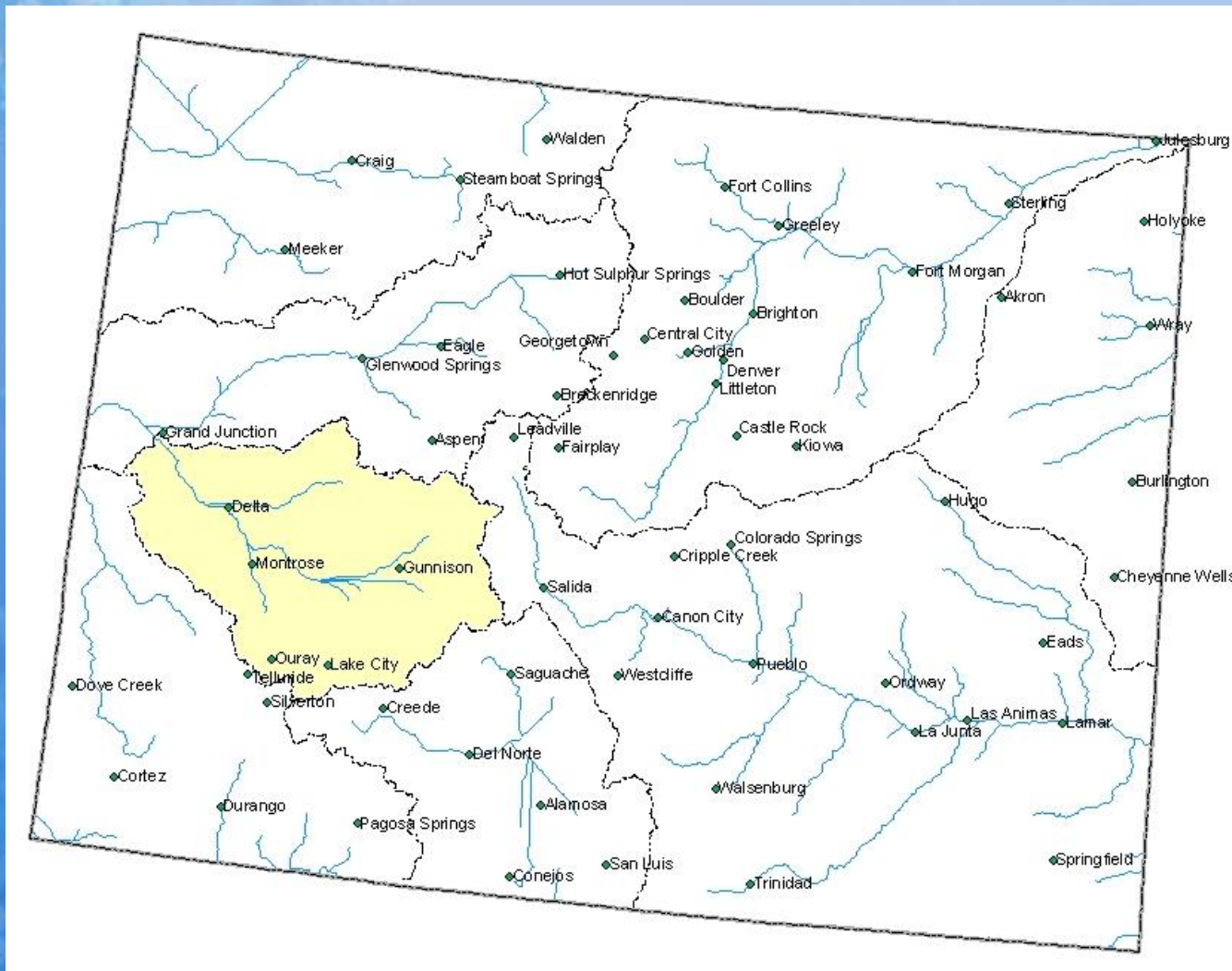


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Current as of April 1, 2014

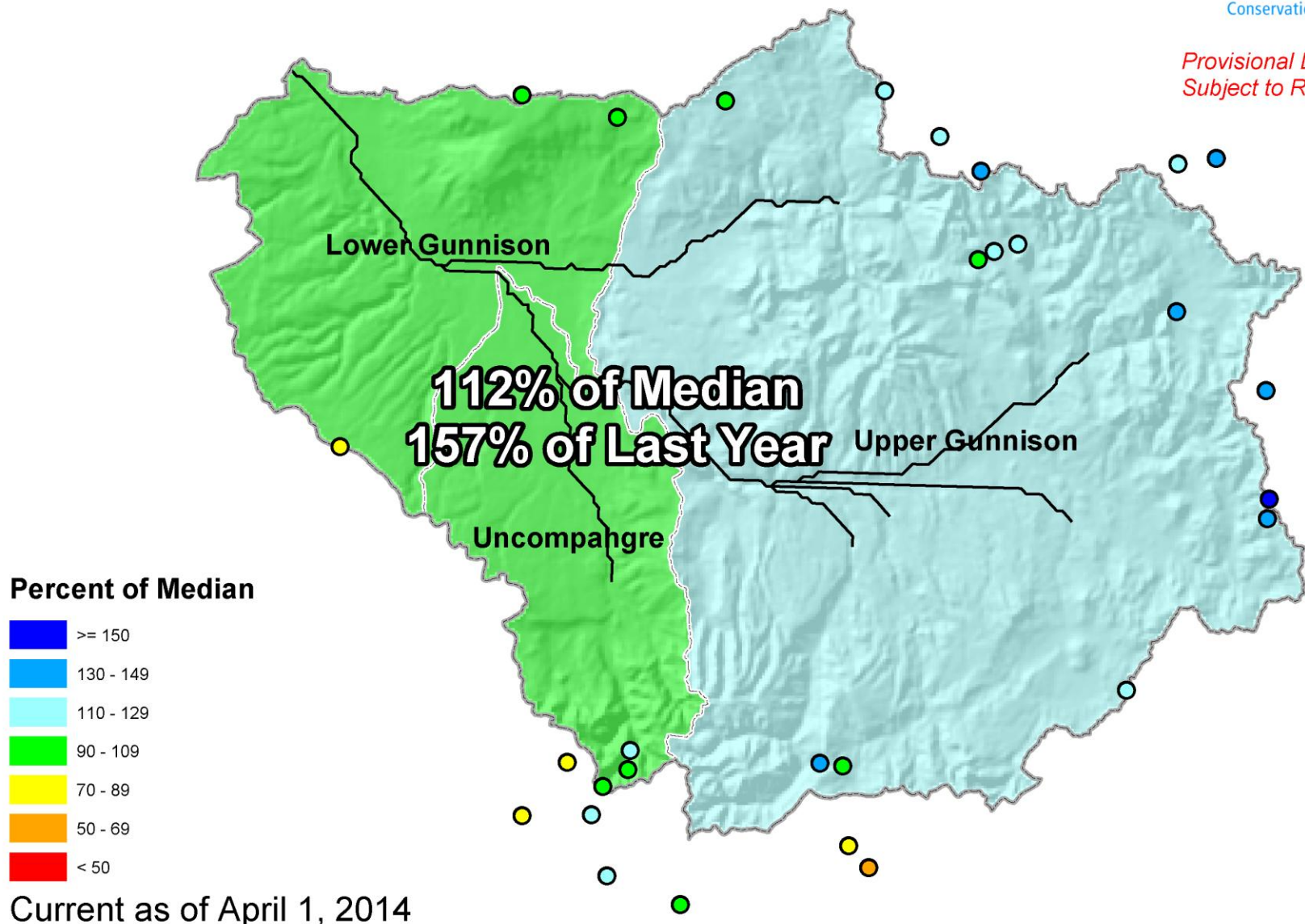
Gunnison River Basin Summary



Gunnison River Basin Snowpack Map



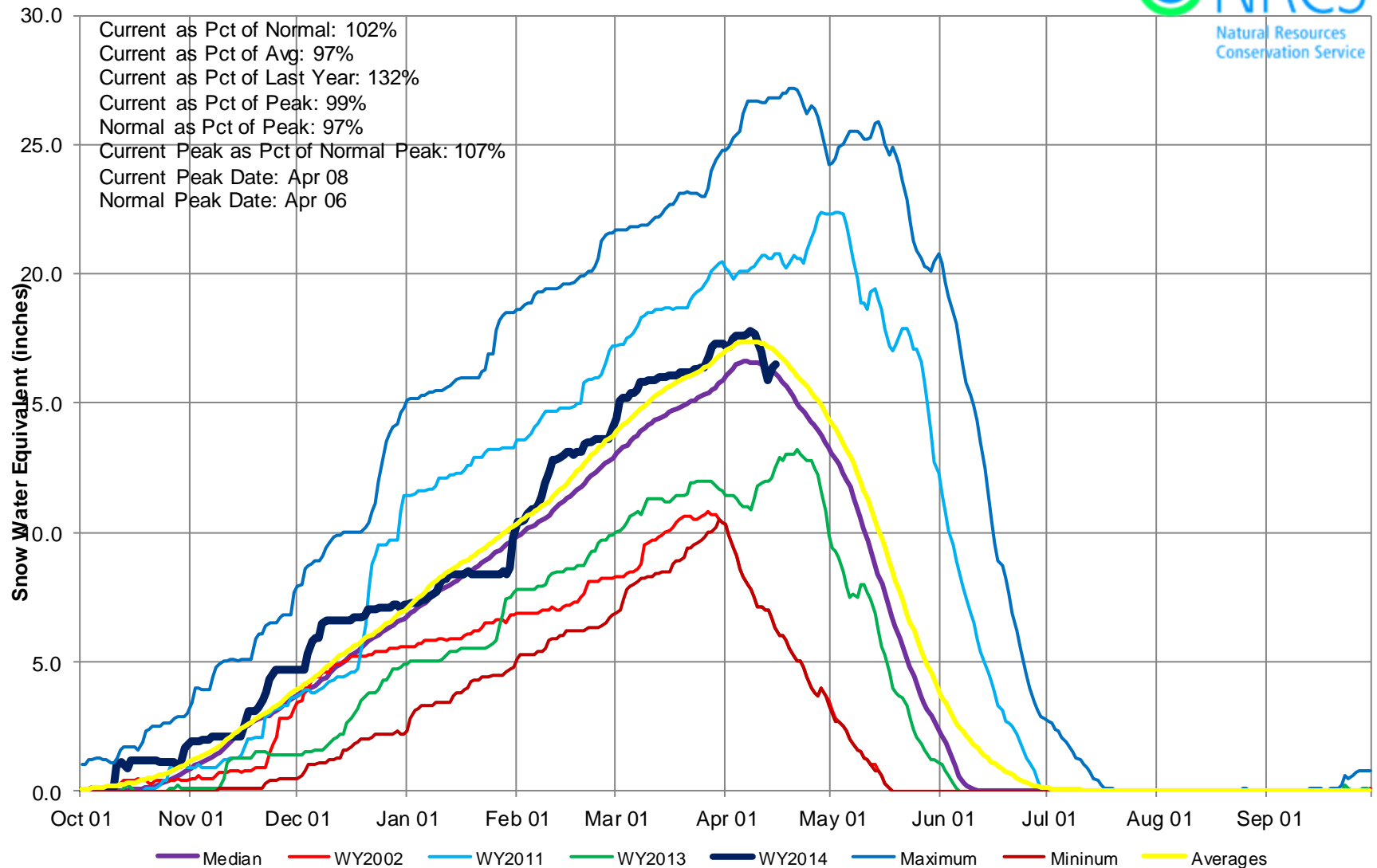
*Provisional Data
Subject to Revision*



Current as of April 1, 2014

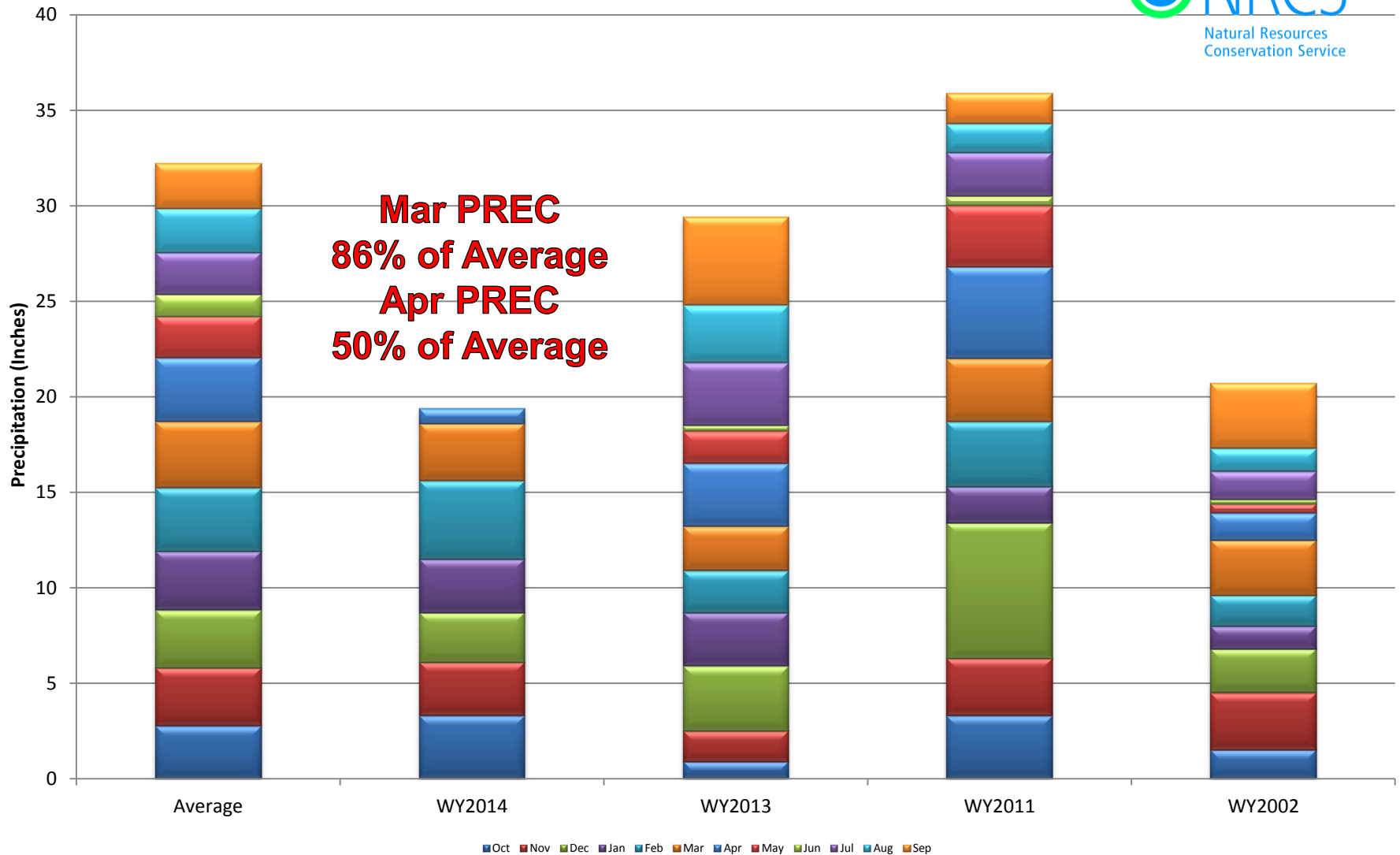
Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Apr 15, 2014



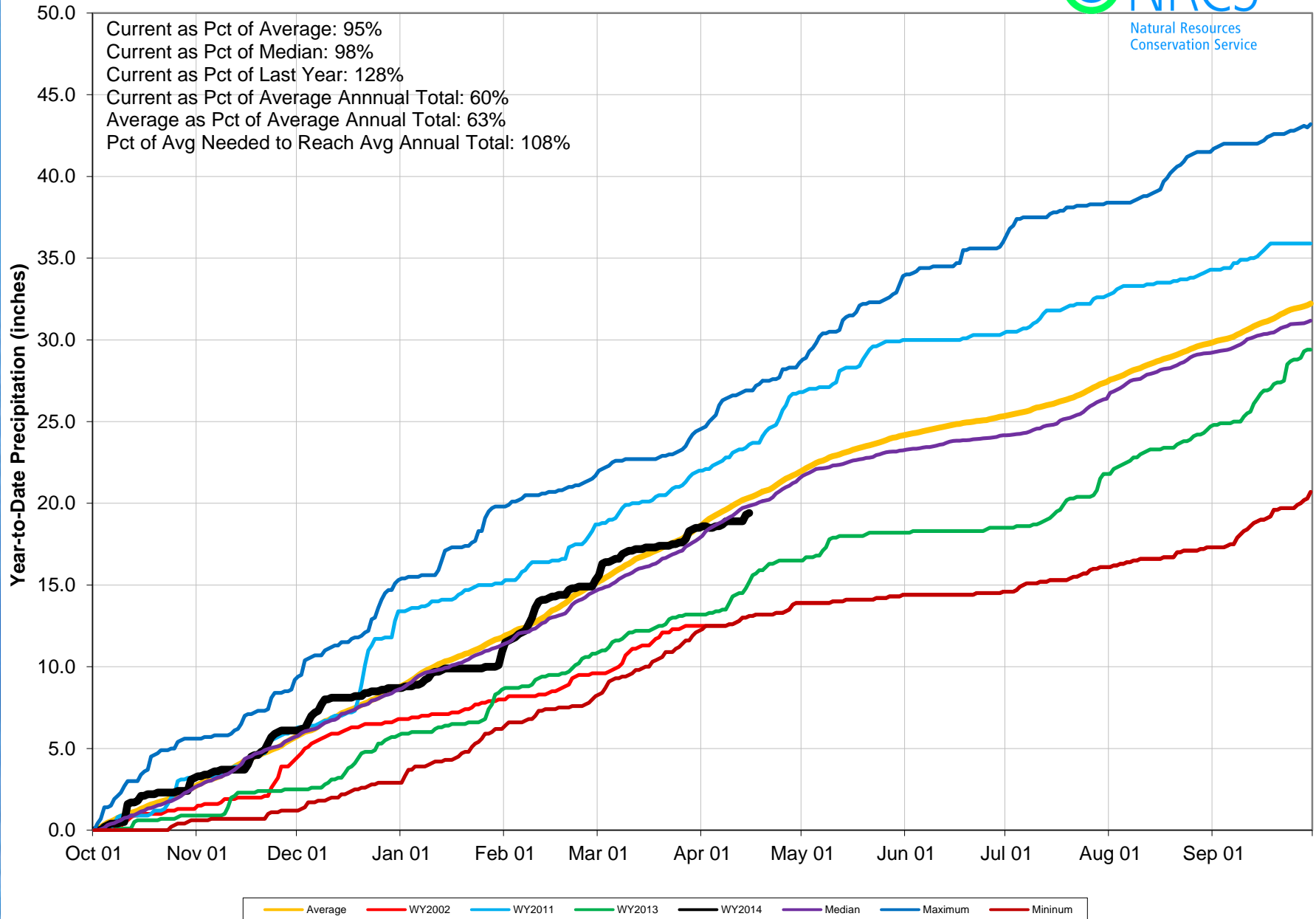
Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Apr 15, 2014



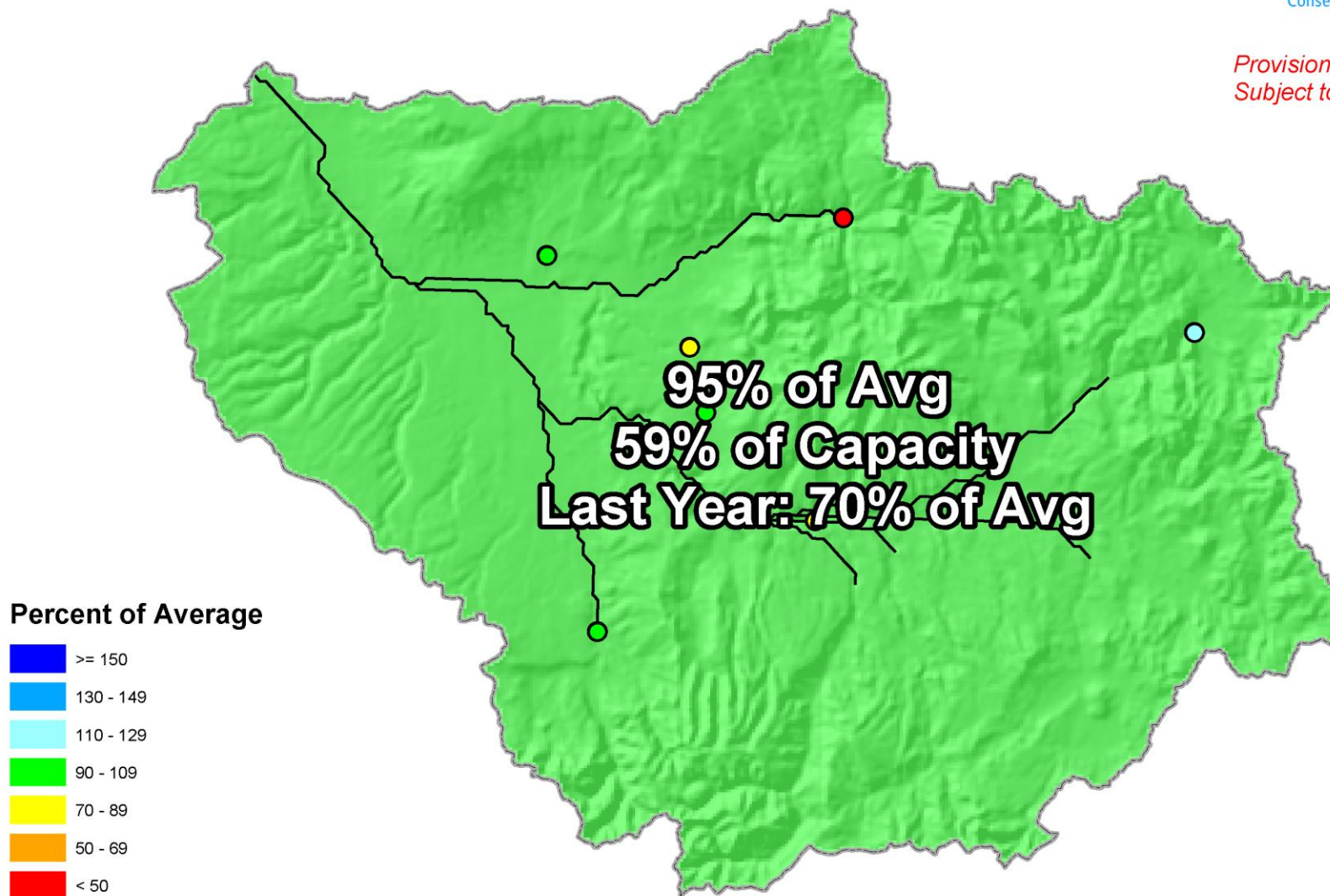
Gunnison River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Apr 15, 2014



Gunnison River Basin Reservoir Storage Map

*Provisional Data
Subject to Revision*

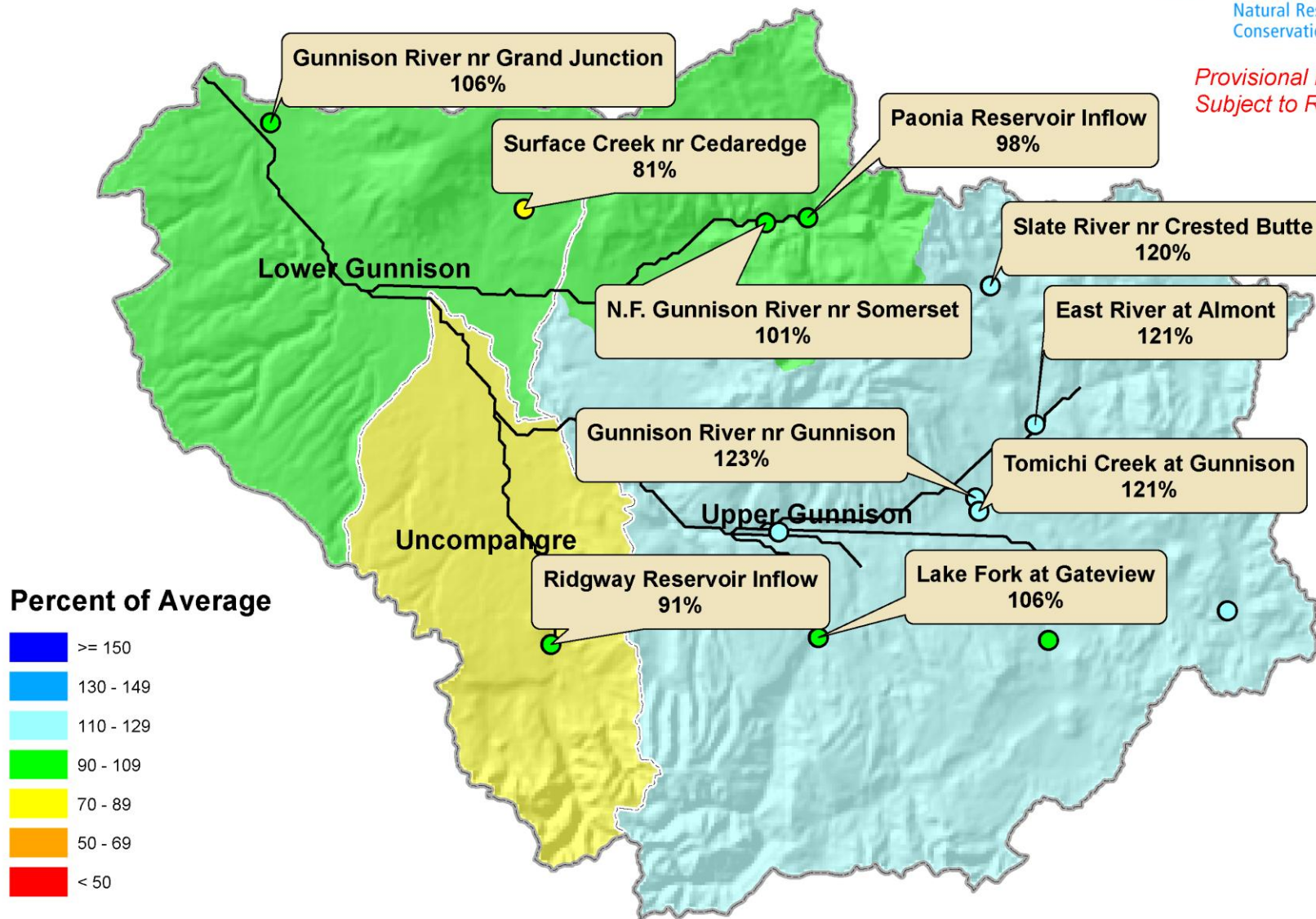


End of March 2014

Gunnison River Basin Streamflow Forecast Map

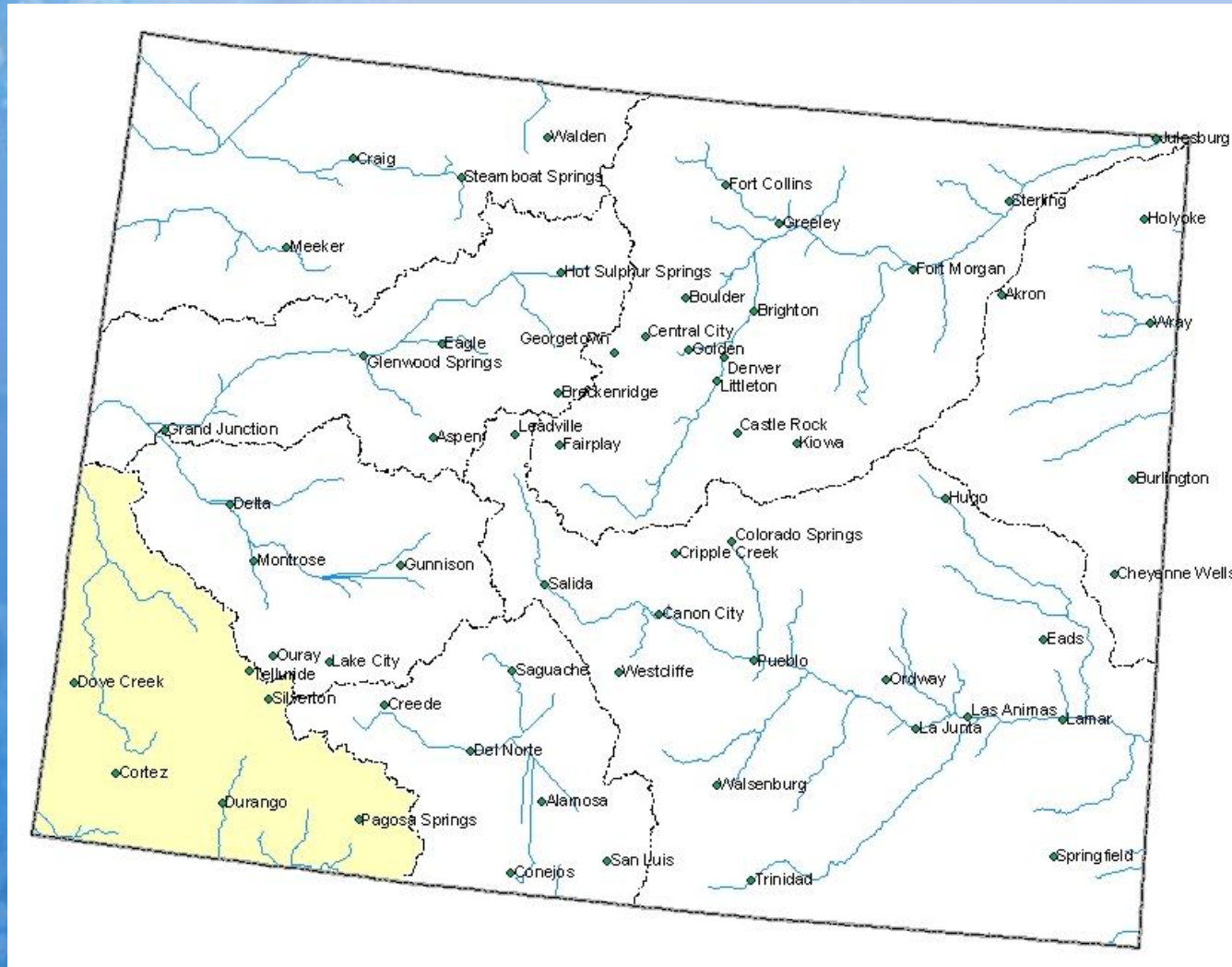


*Provisional Data
Subject to Revision*



Current as of April 1, 2014

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

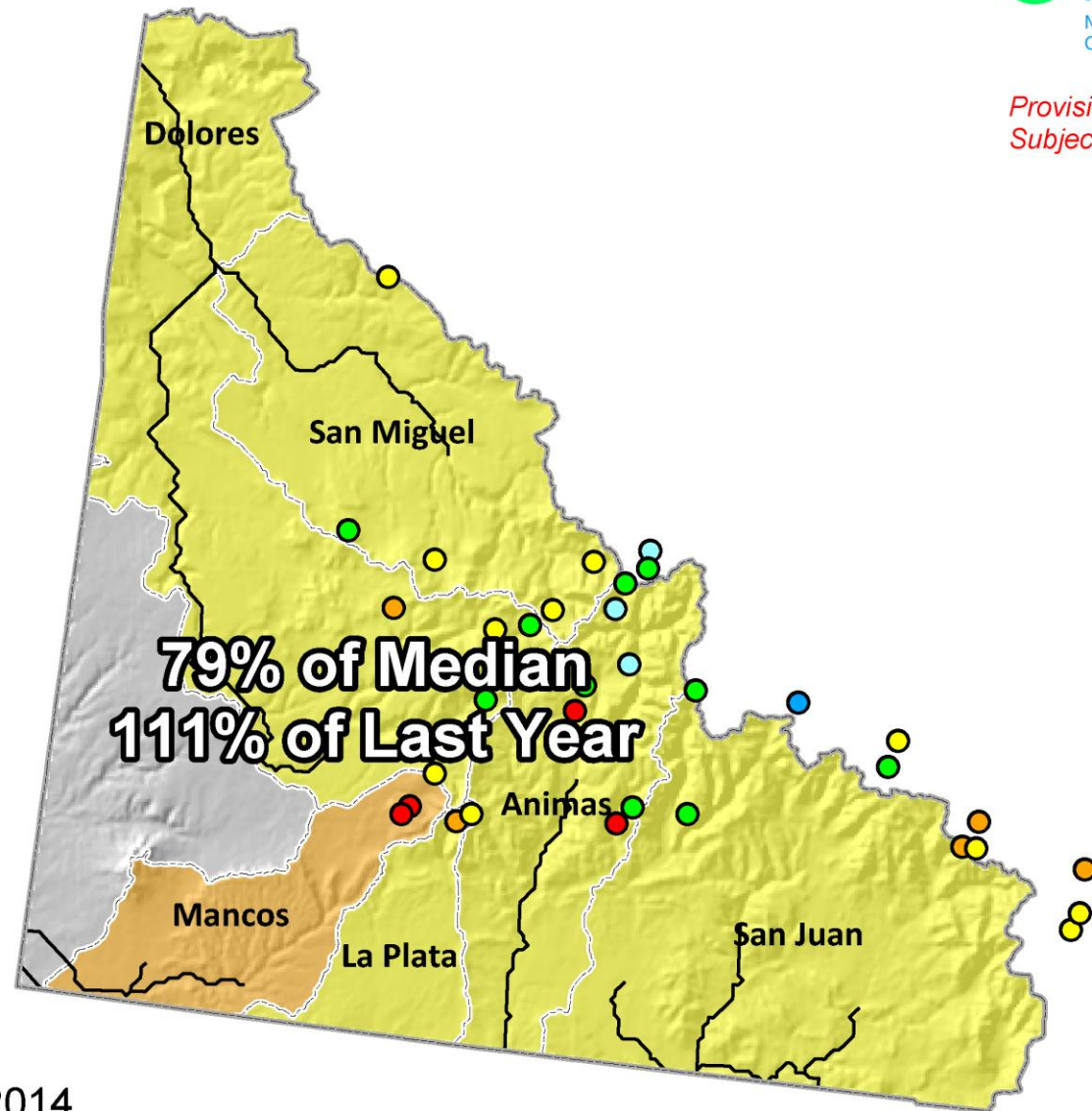
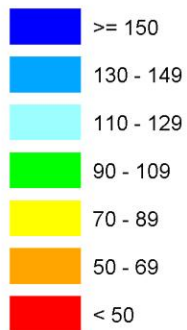


San Miguel, Dolores, Animas and San Juan River Basins Snowpack Map



*Provisional Data
Subject to Revision*

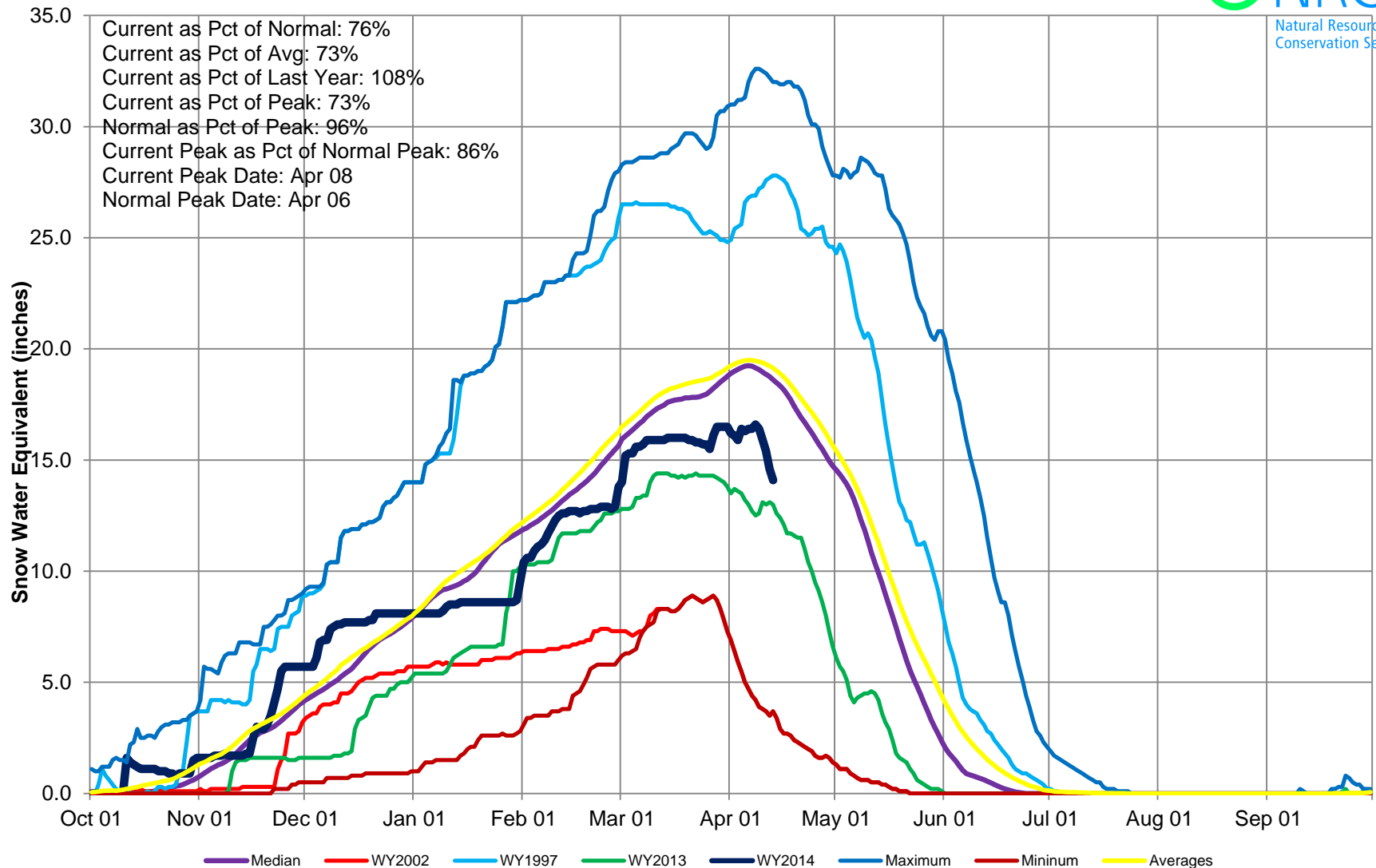
Percent of Median



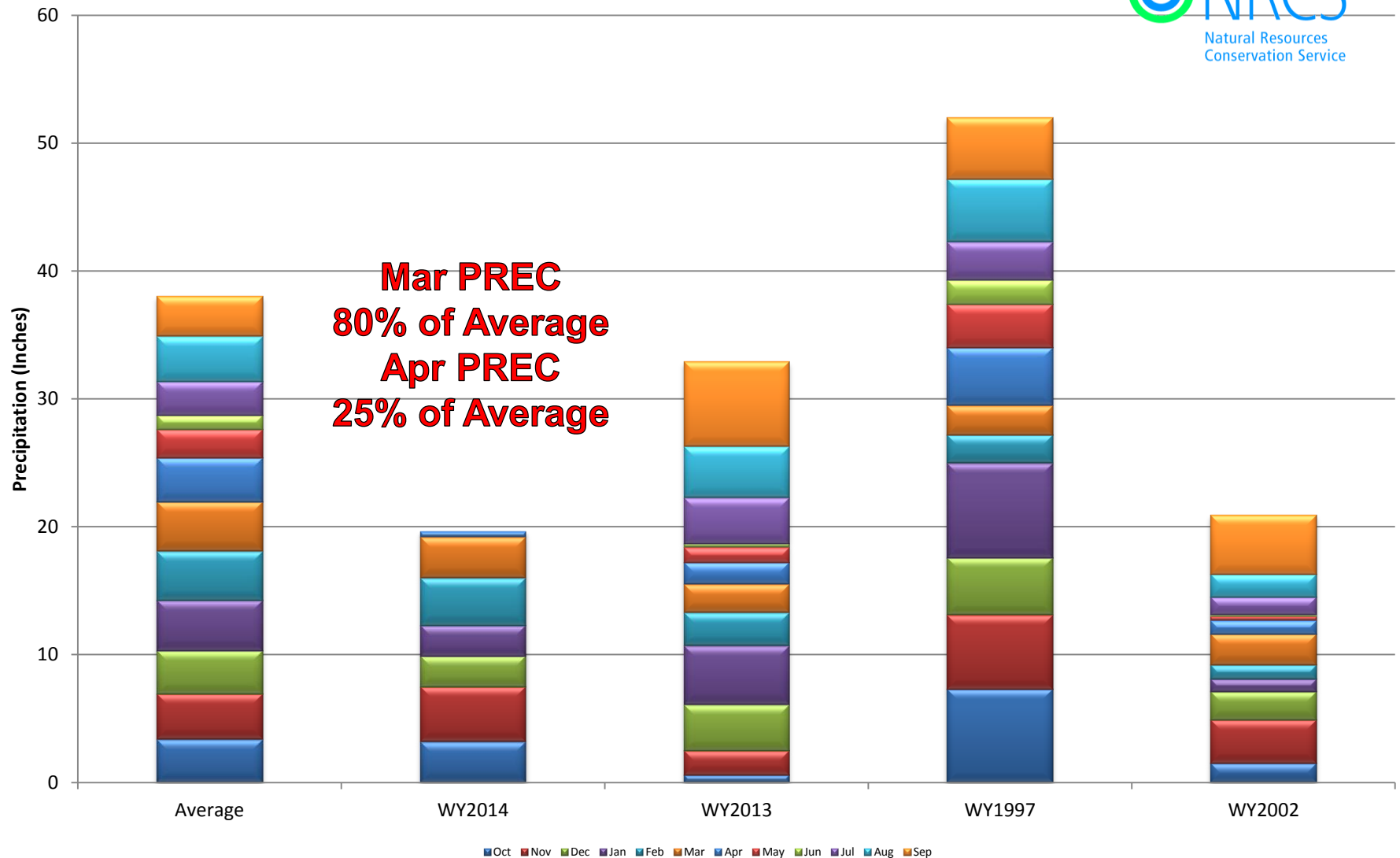
Current as of April 1, 2014

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

Based on Provisional SNOTEL data as of Apr 13, 2014

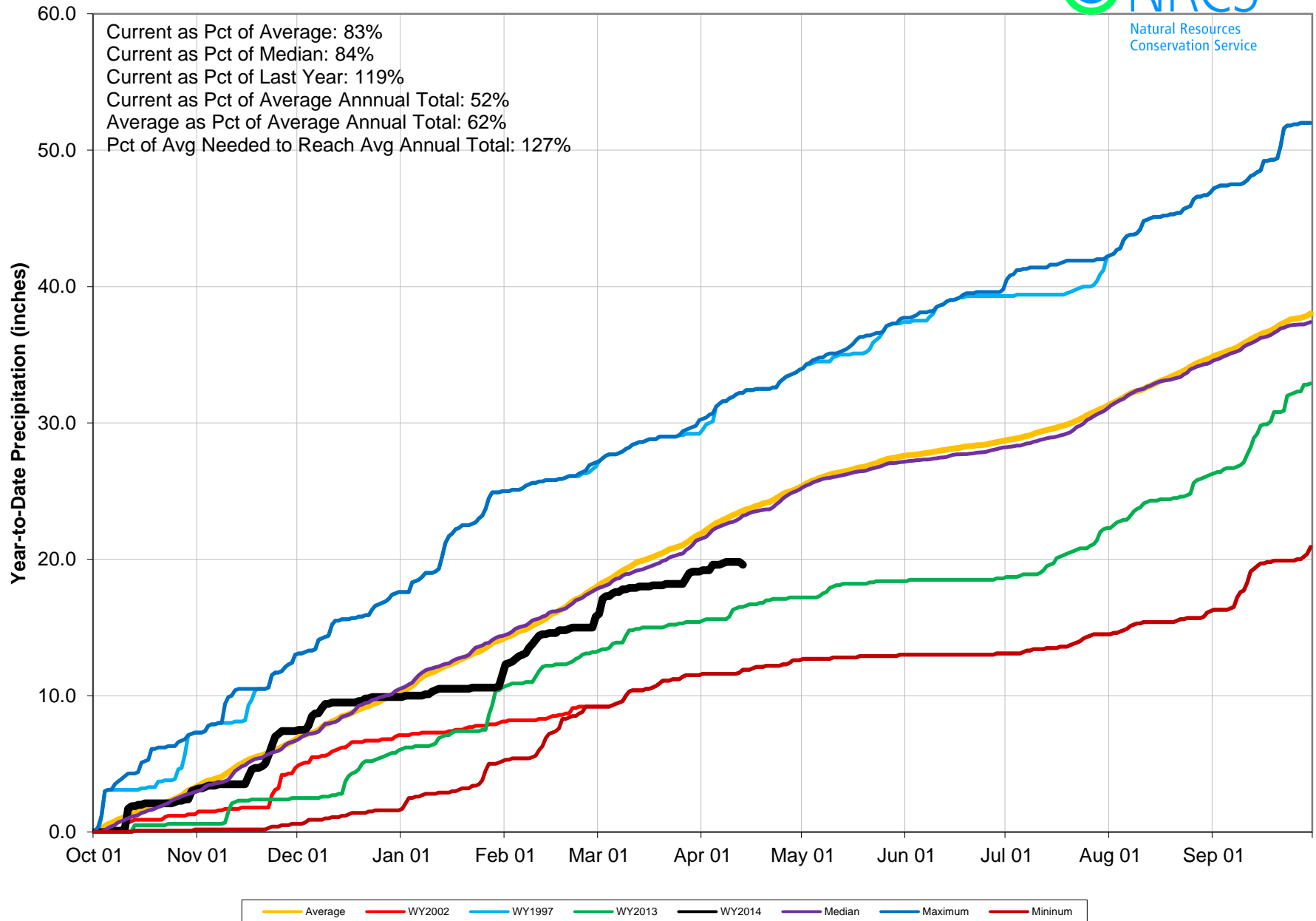


San Miguel, Dolores, Animas & San Juan River Basins High/Low Monthly Precipitation Summary



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

Based on Provisional SNOTEL data as of Apr 13, 2014



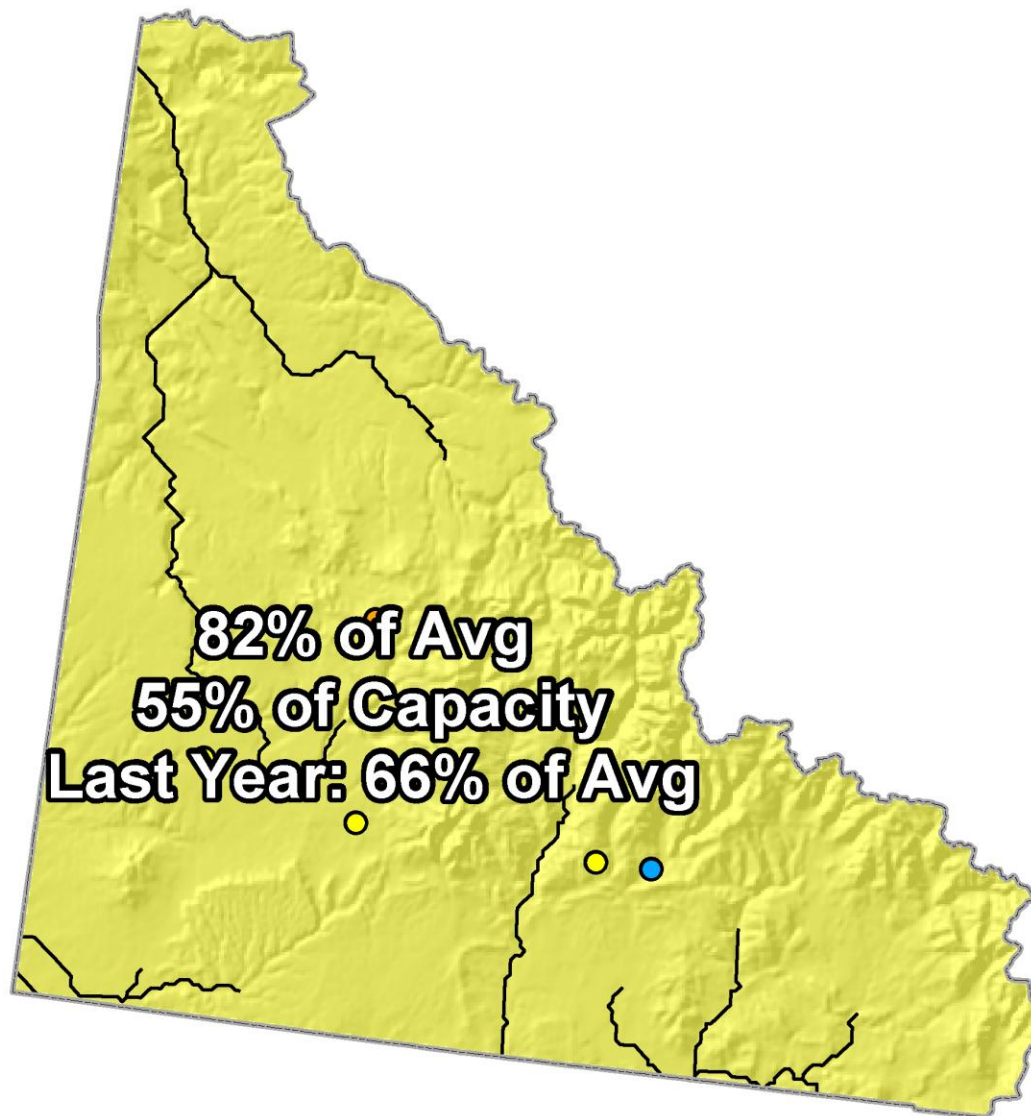
San Miguel, Dolores, Animas and San Juan River Basins Reservoir Storage Map



Percent of Average



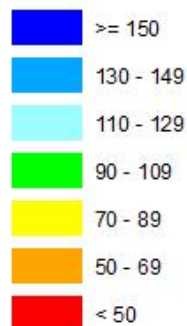
*Provisional Data
Subject to Revision*



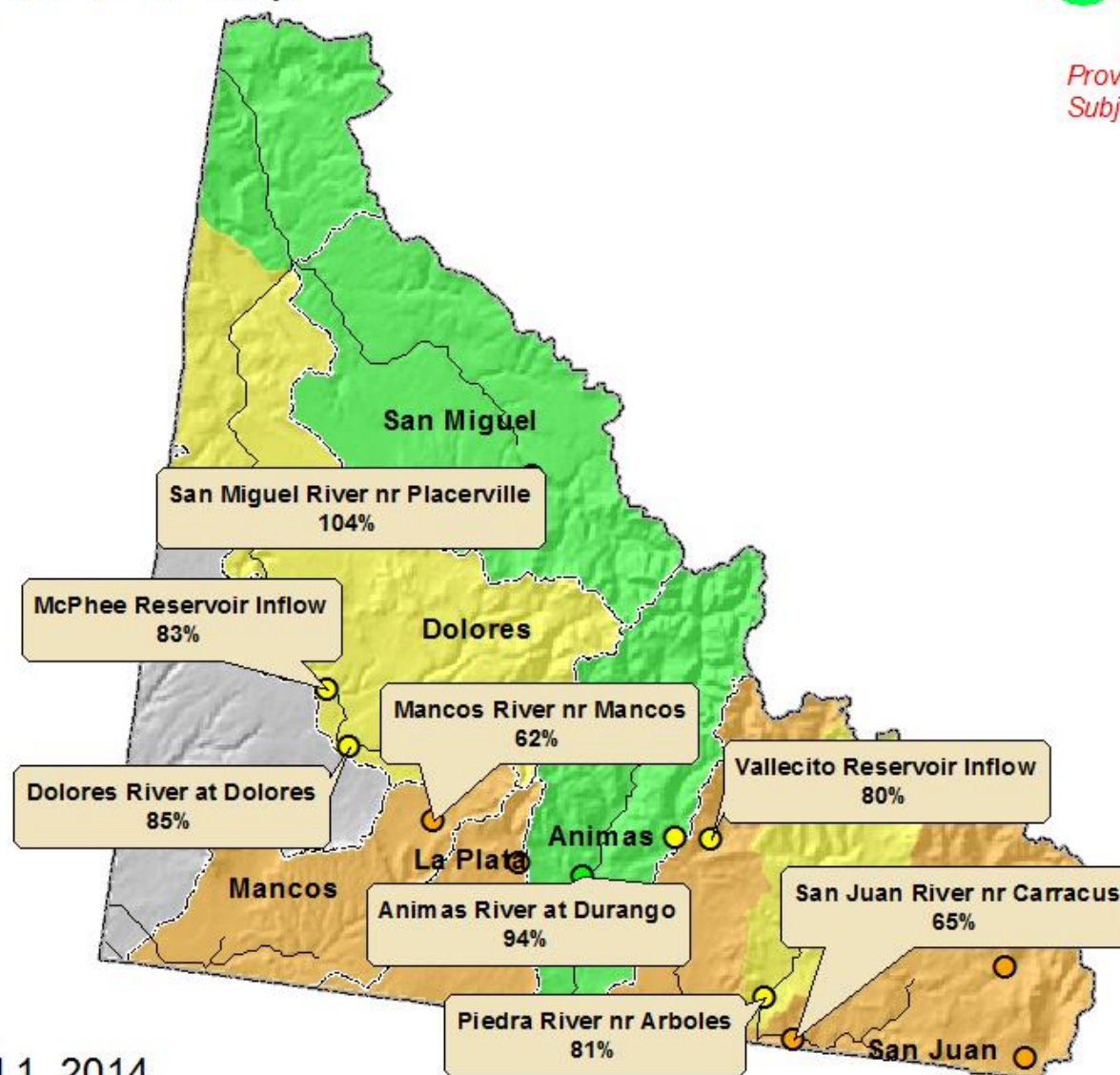
End of March 2014

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

Percent of Average

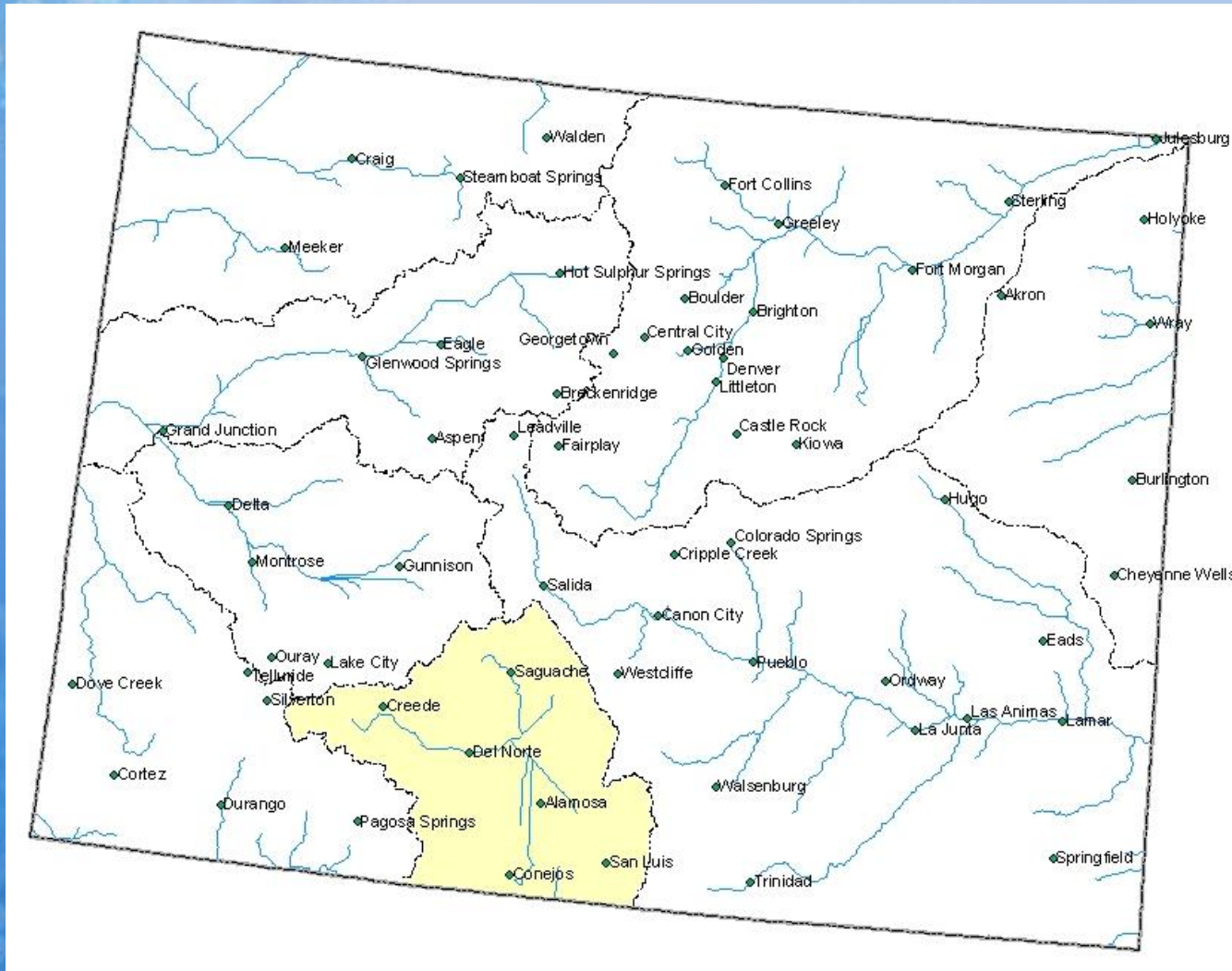


*Provisional Data
Subject to Revision*



Current as of April 1, 2014

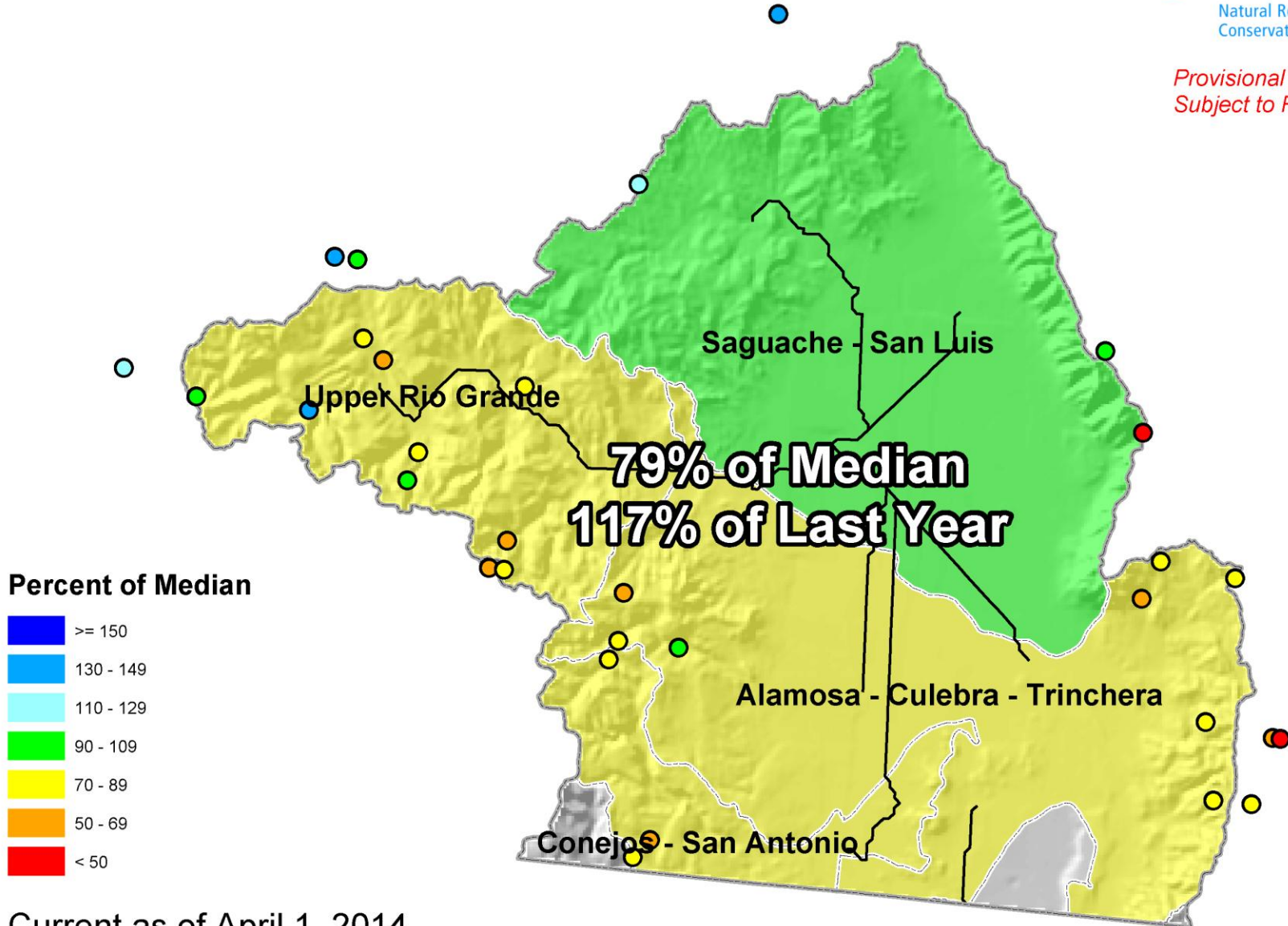
Upper Rio Grande Basin Summary



Upper Rio Grande Basin Snowpack Map



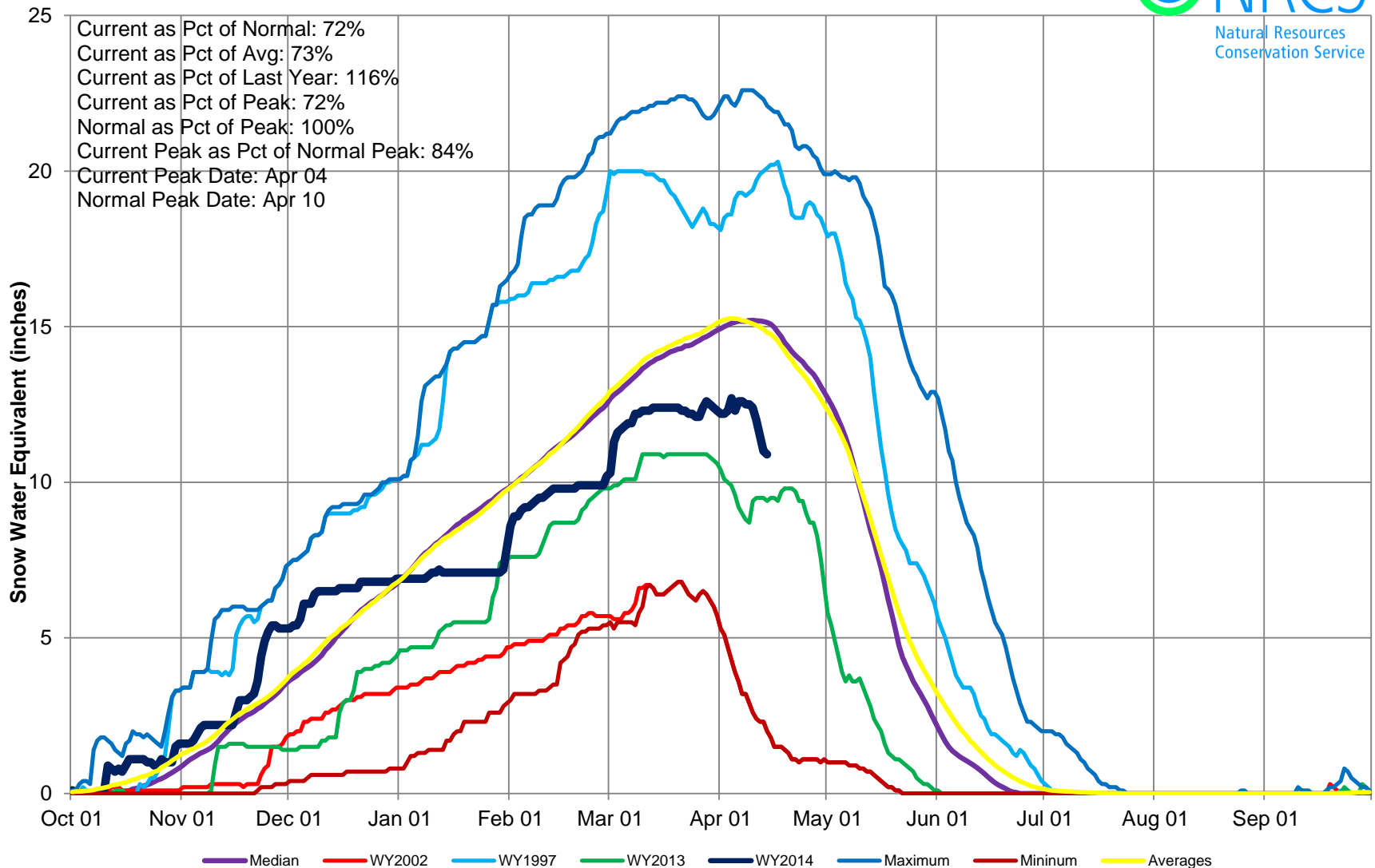
*Provisional Data
Subject to Revision*



Current as of April 1, 2014

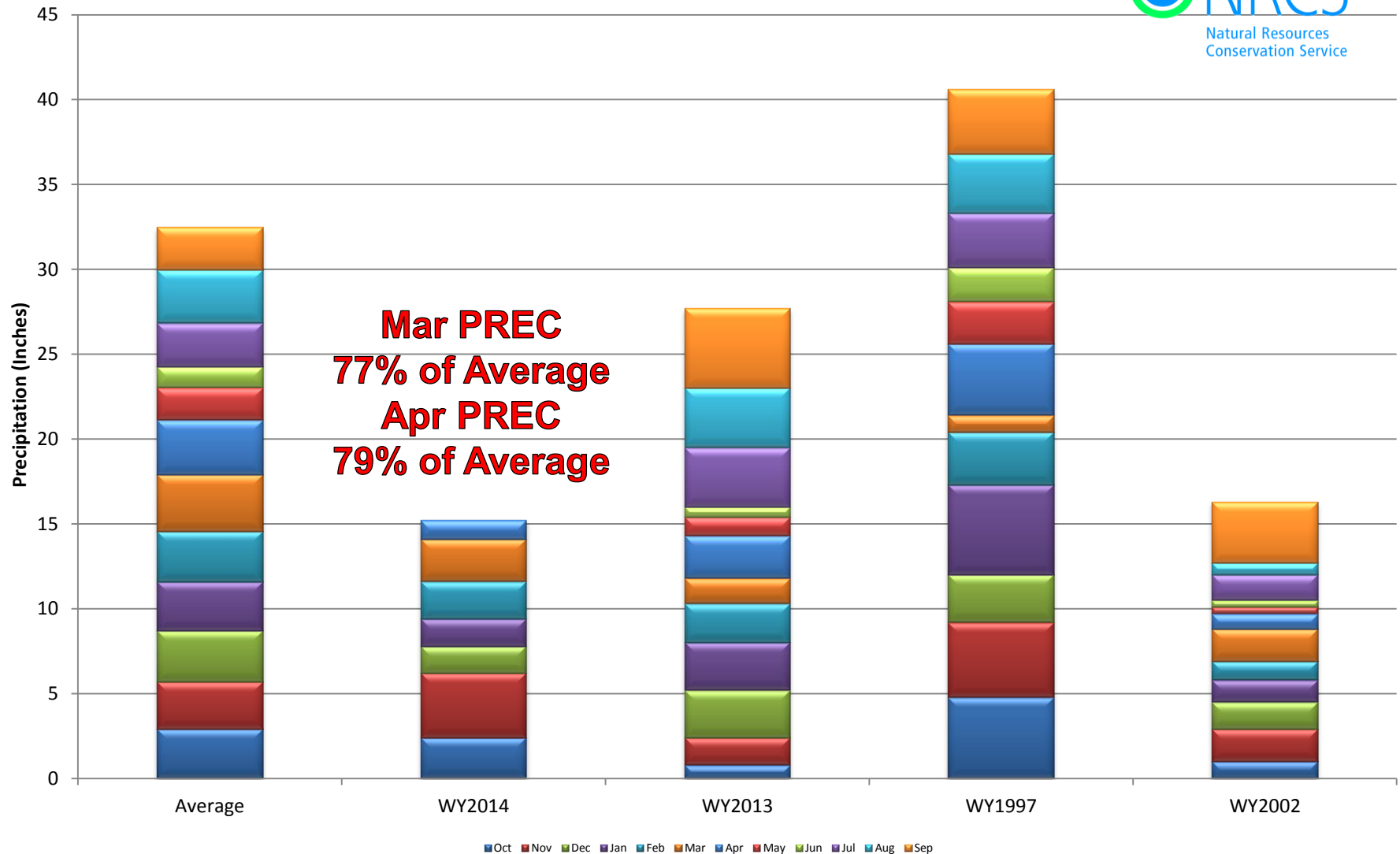
Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Apr 14, 2014



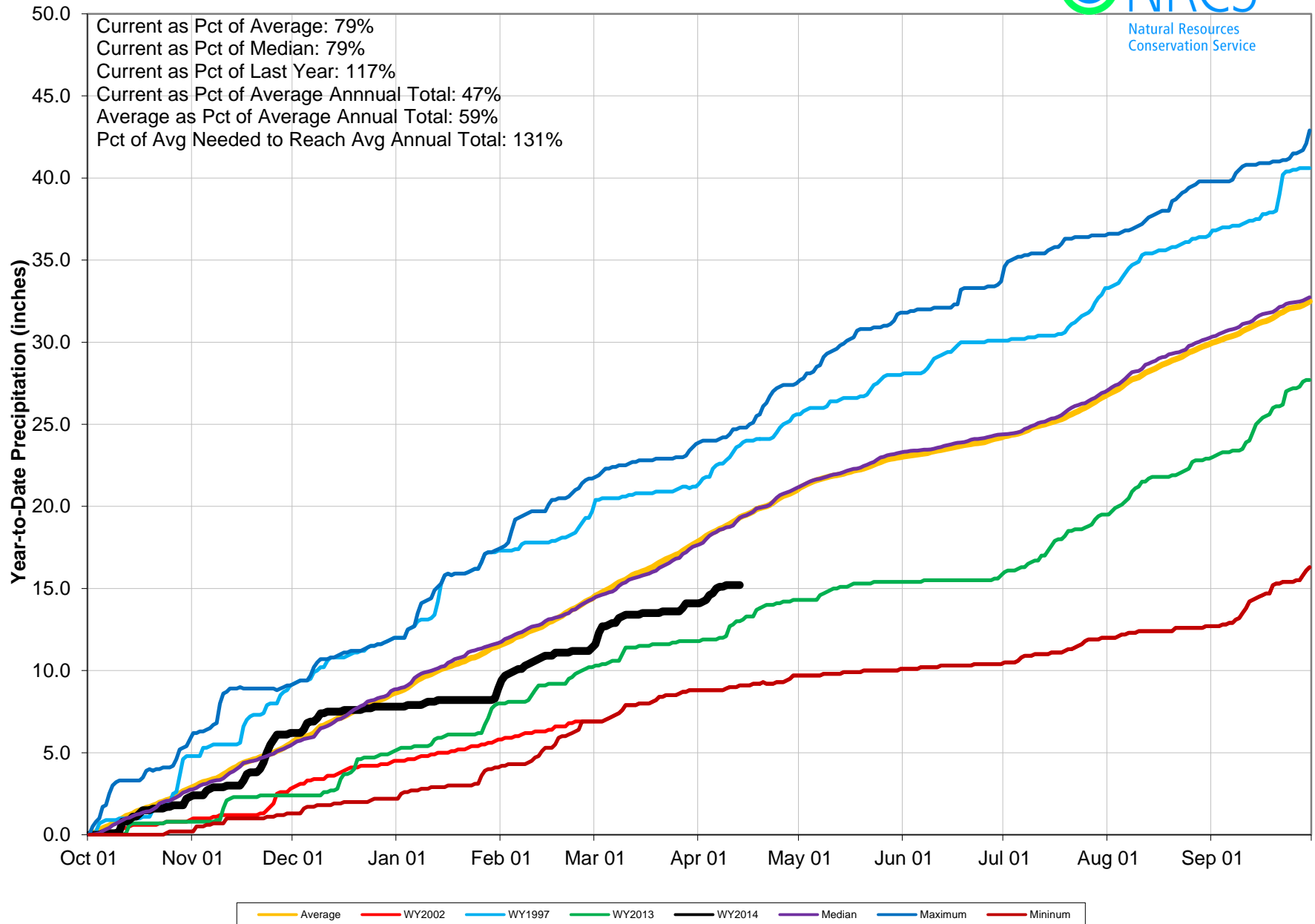
Upper Rio Grande Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Apr 13, 2014



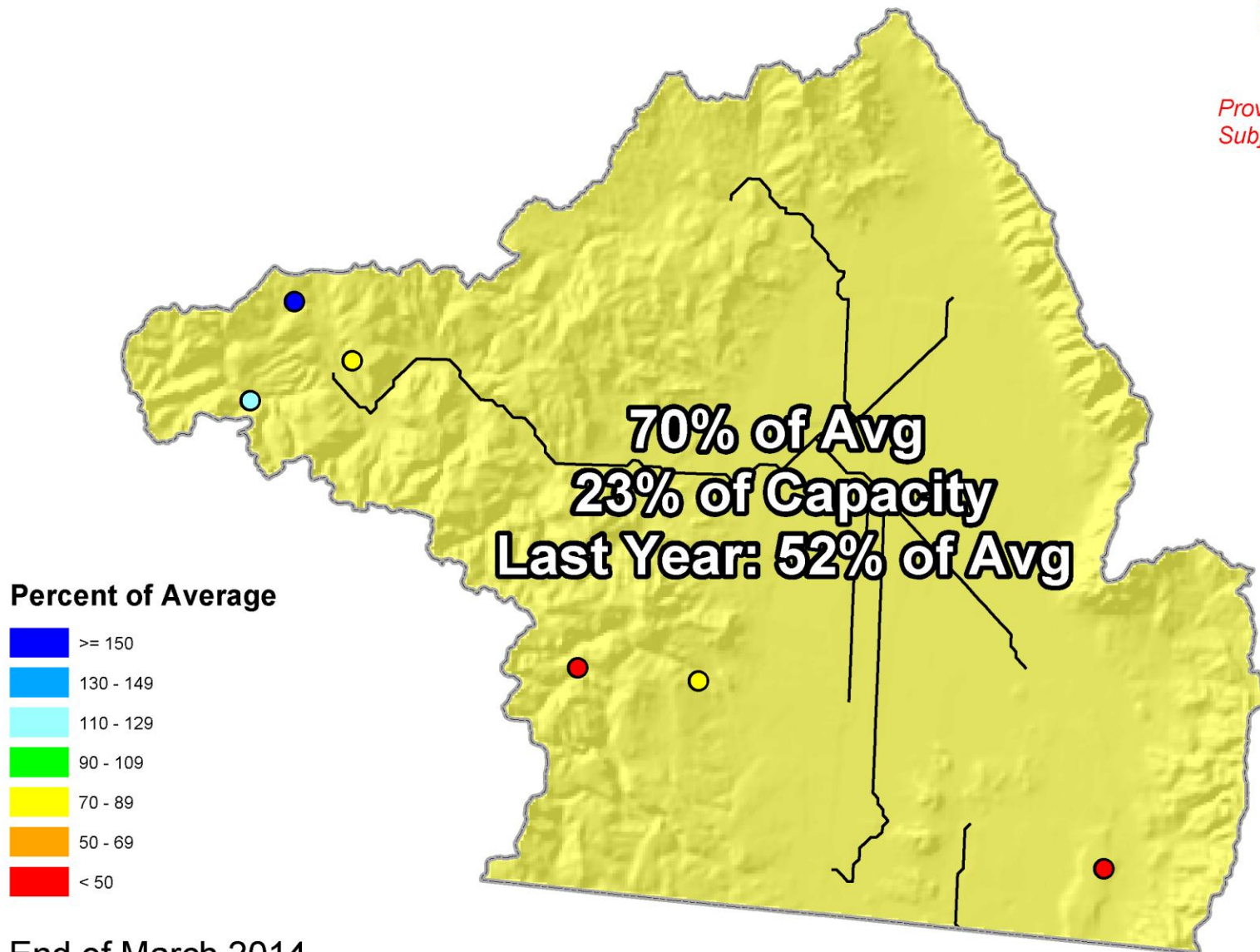
Upper Rio Grande Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Apr 13, 2014



Upper Rio Grande Basin Reservoir Storage Map

*Provisional Data
Subject to Revision*



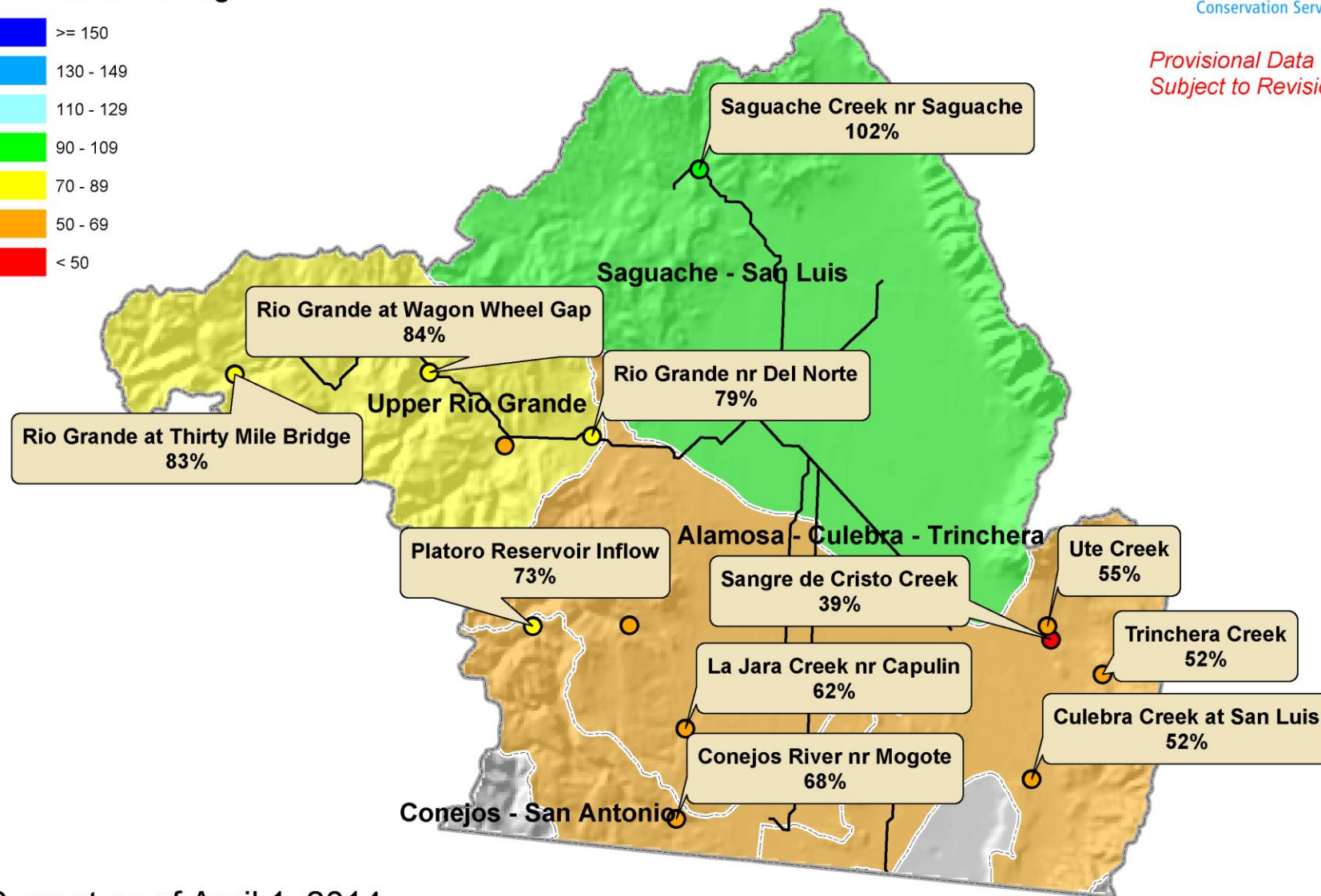
End of March 2014

Upper Rio Grande Basin Streamflow Forecast Map

Percent of Average

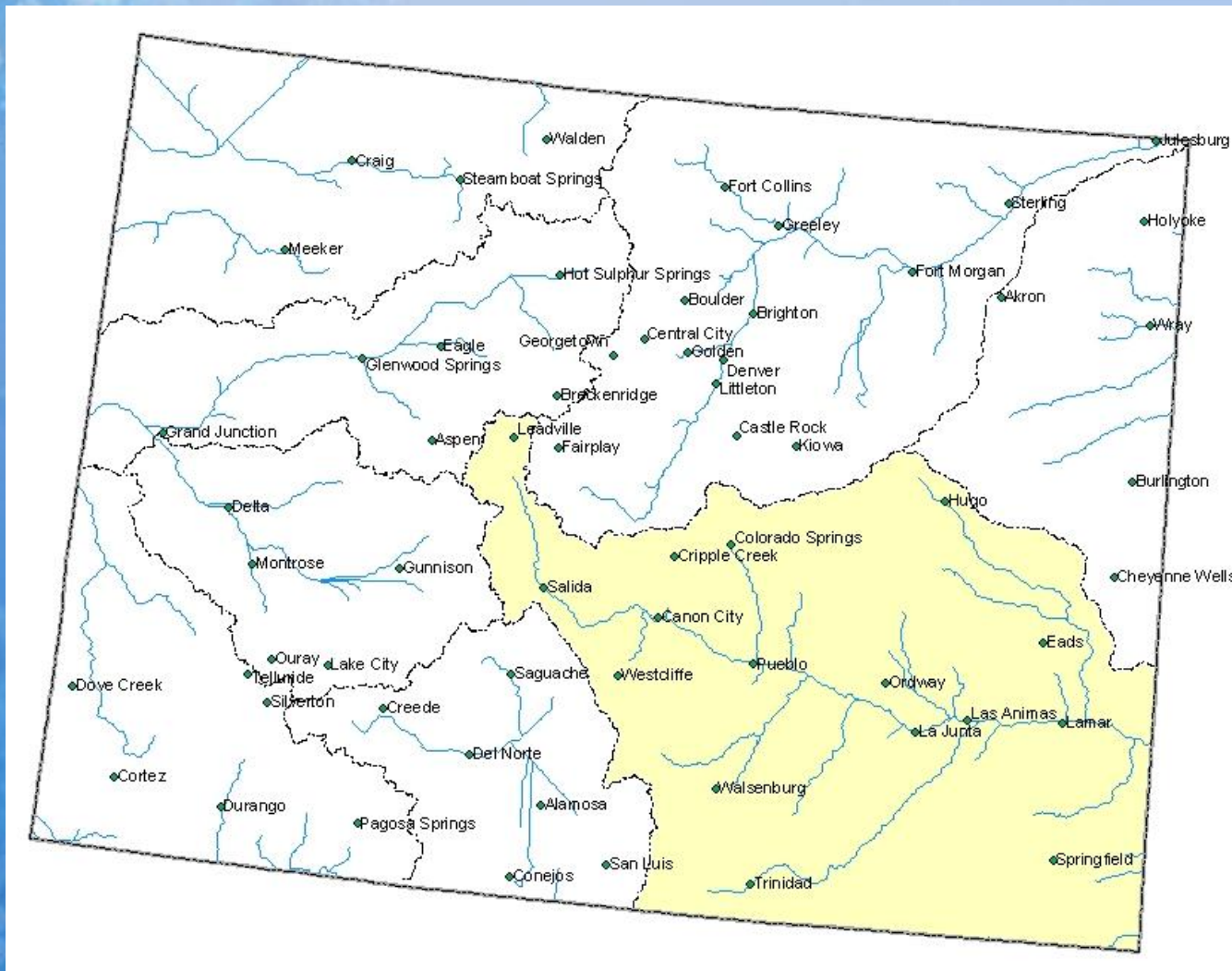


*Provisional Data
Subject to Revision*



Current as of April 1, 2014

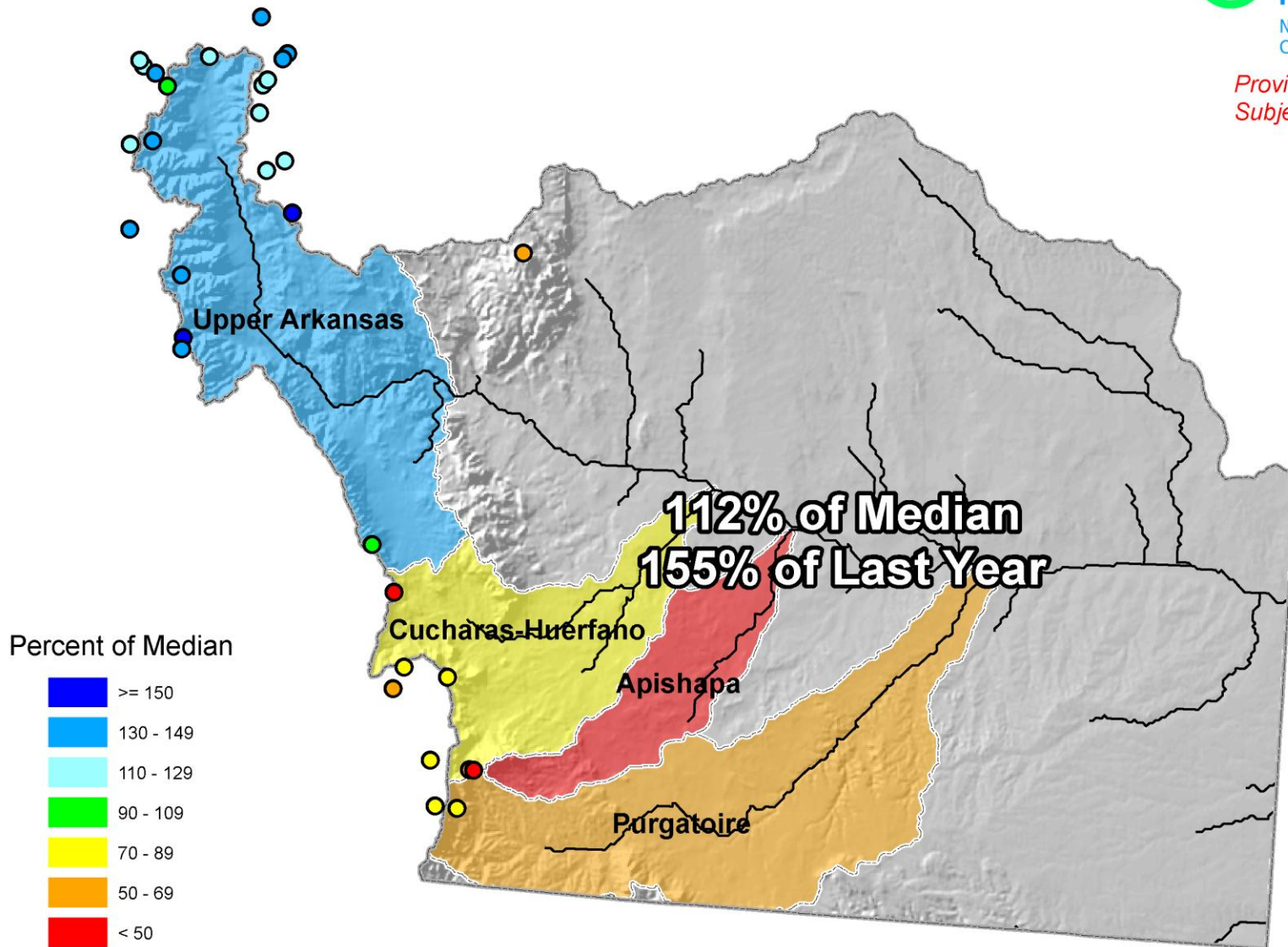
Arkansas River Basin Summary



Arkansas River Basin Snowpack Map



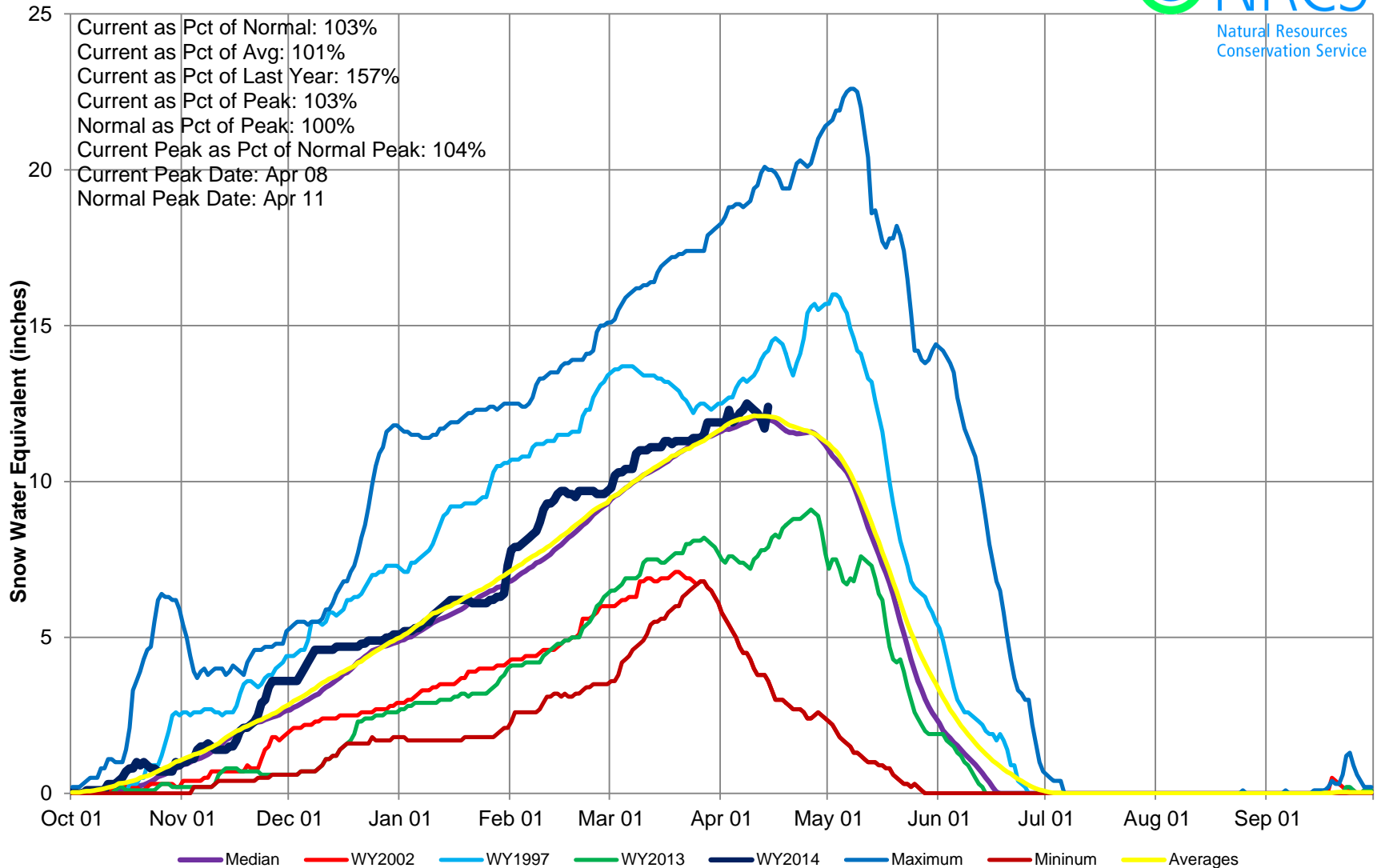
*Provisional Data
Subject to Revision*



Current as of April 1, 2014

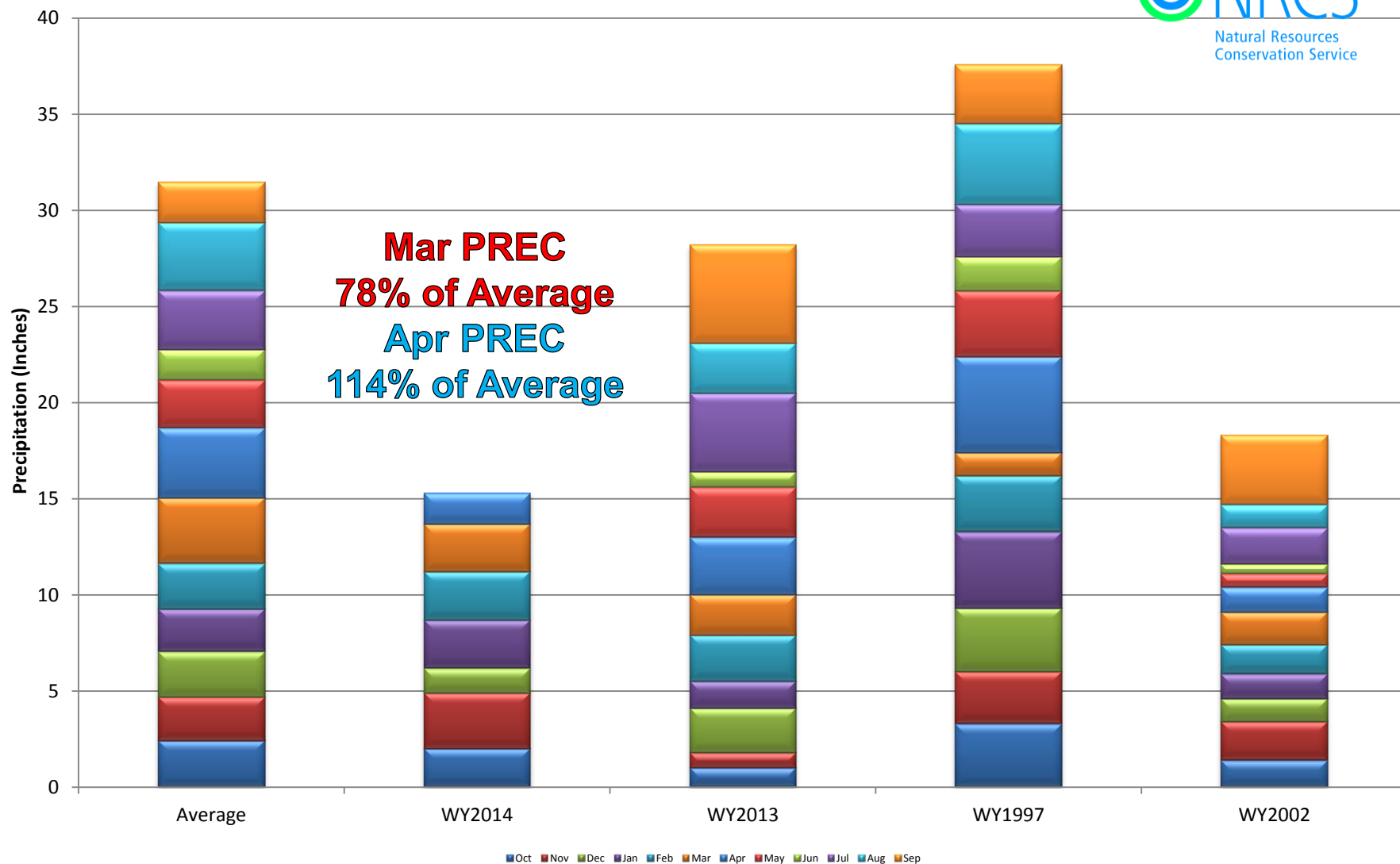
Arkansas River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Apr 14, 2014



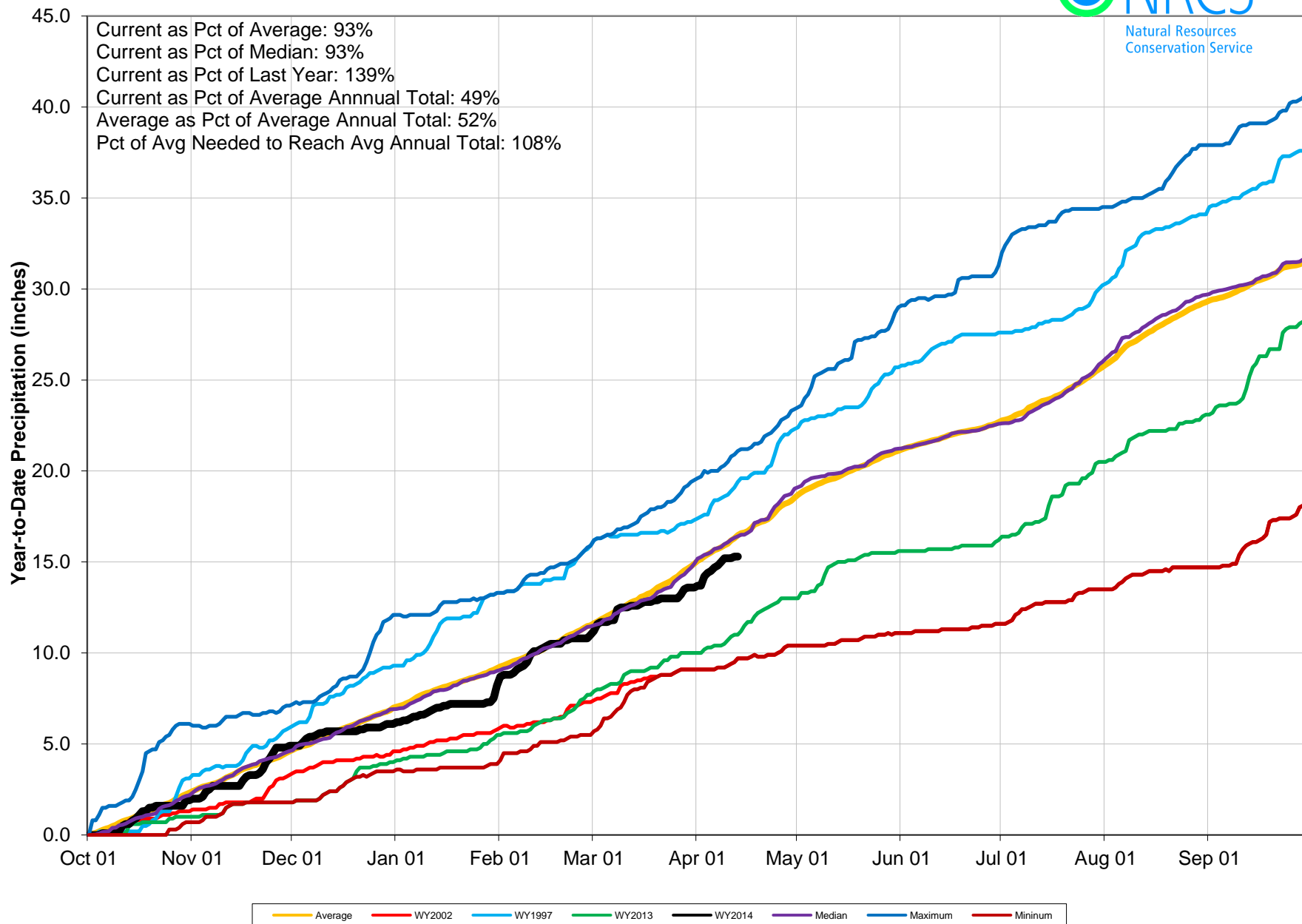
Arkansas River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Apr 13, 2014



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

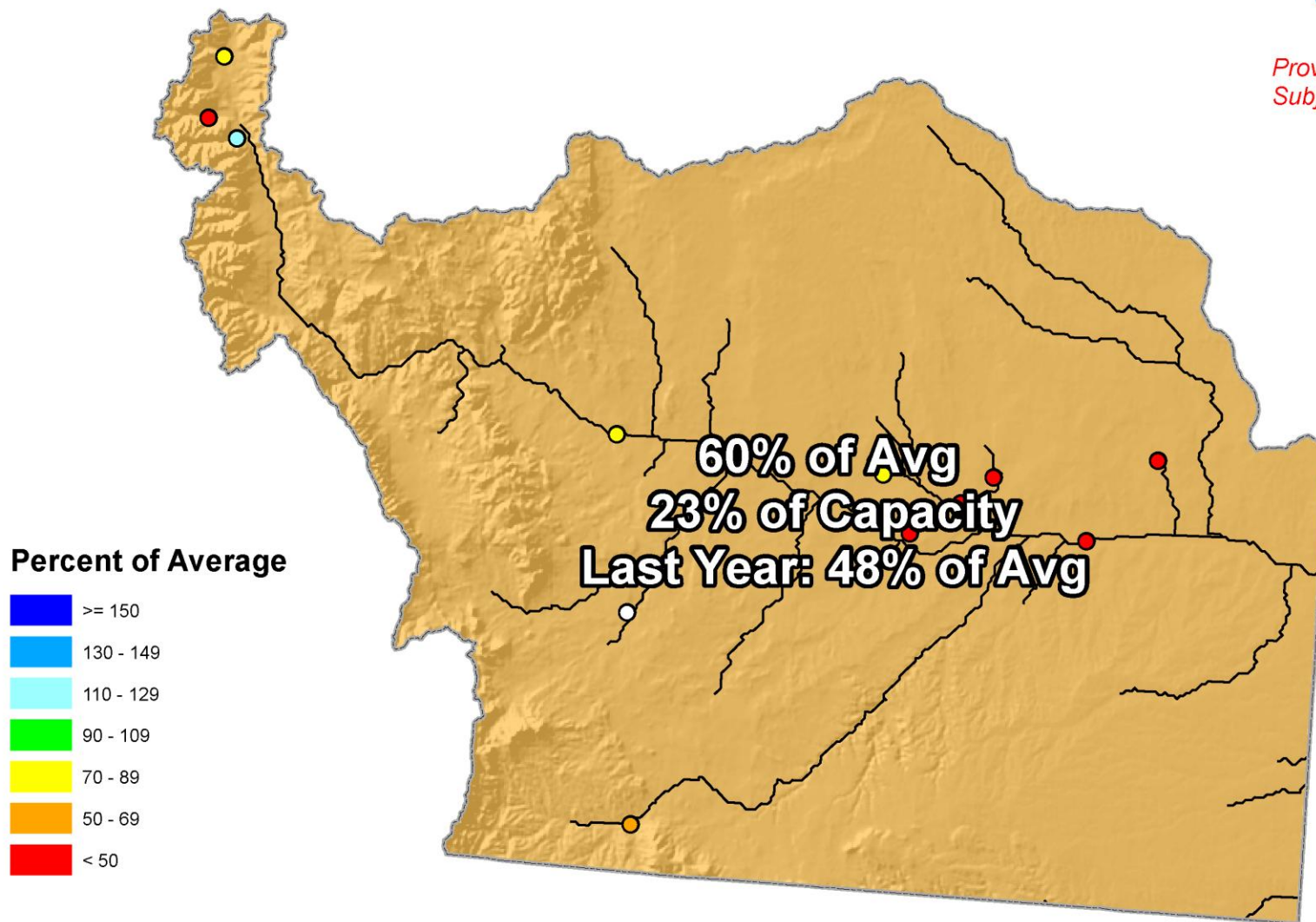
Based on Provisional SNOTEL data as of Apr 13, 2014



Arkansas River Basin Reservoir Storage Map



*Provisional Data
Subject to Revision*

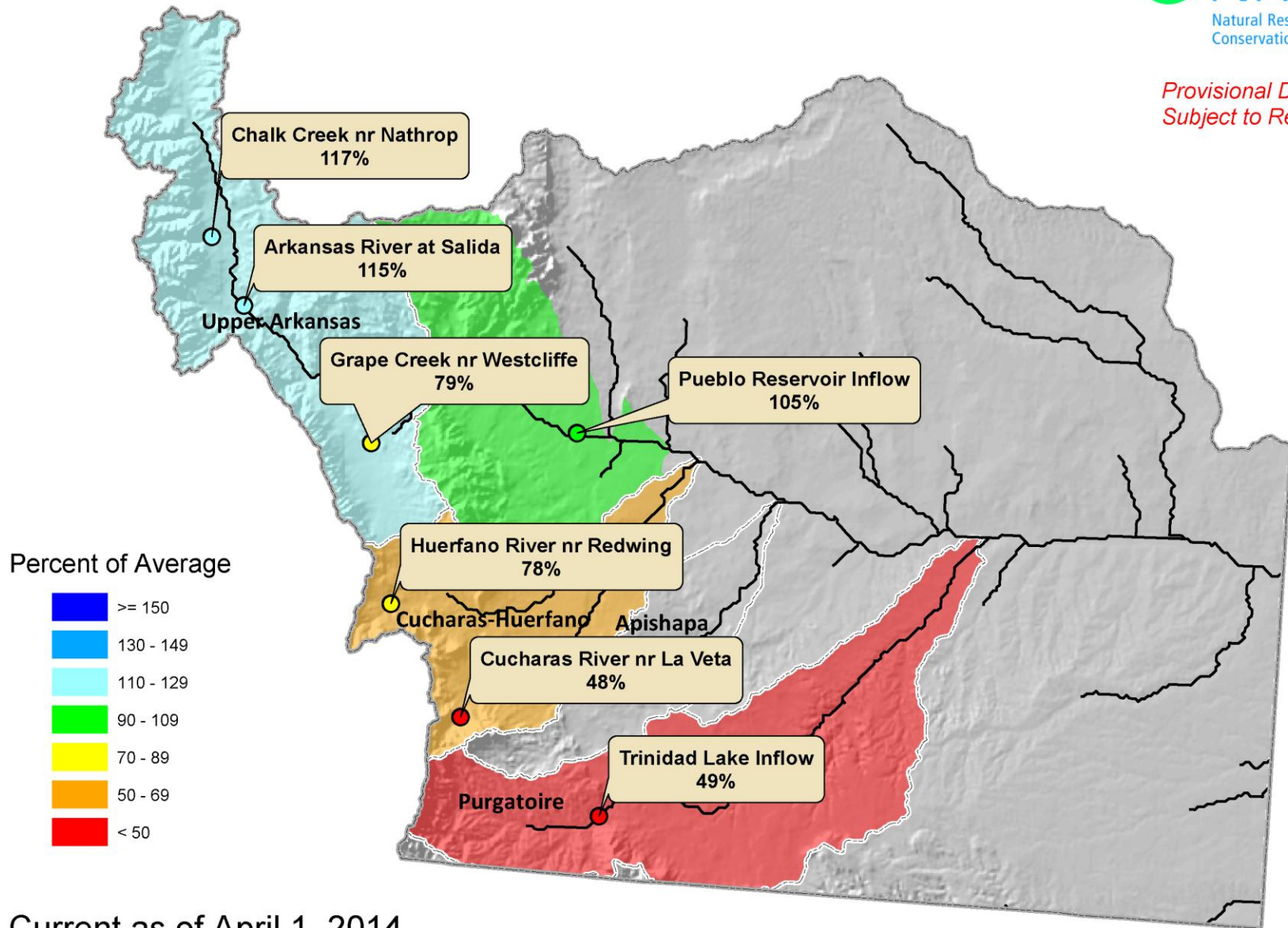


End of March 2014

Arkansas River Basin Streamflow Forecast Map

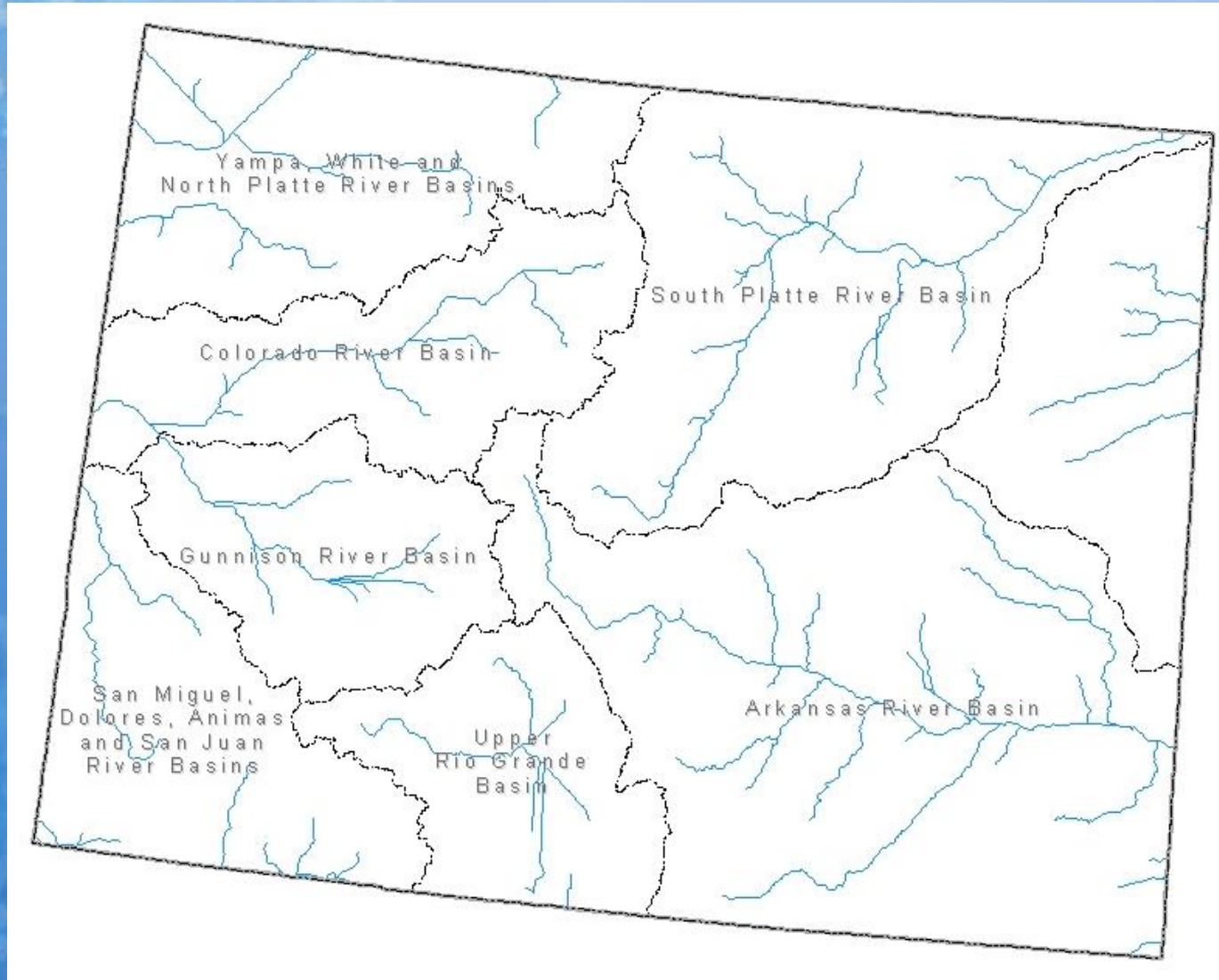


*Provisional Data
Subject to Revision*



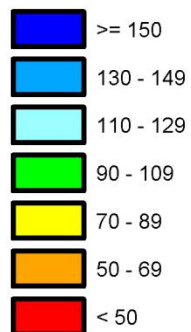
Current as of April 1, 2014

Colorado Statewide Summary

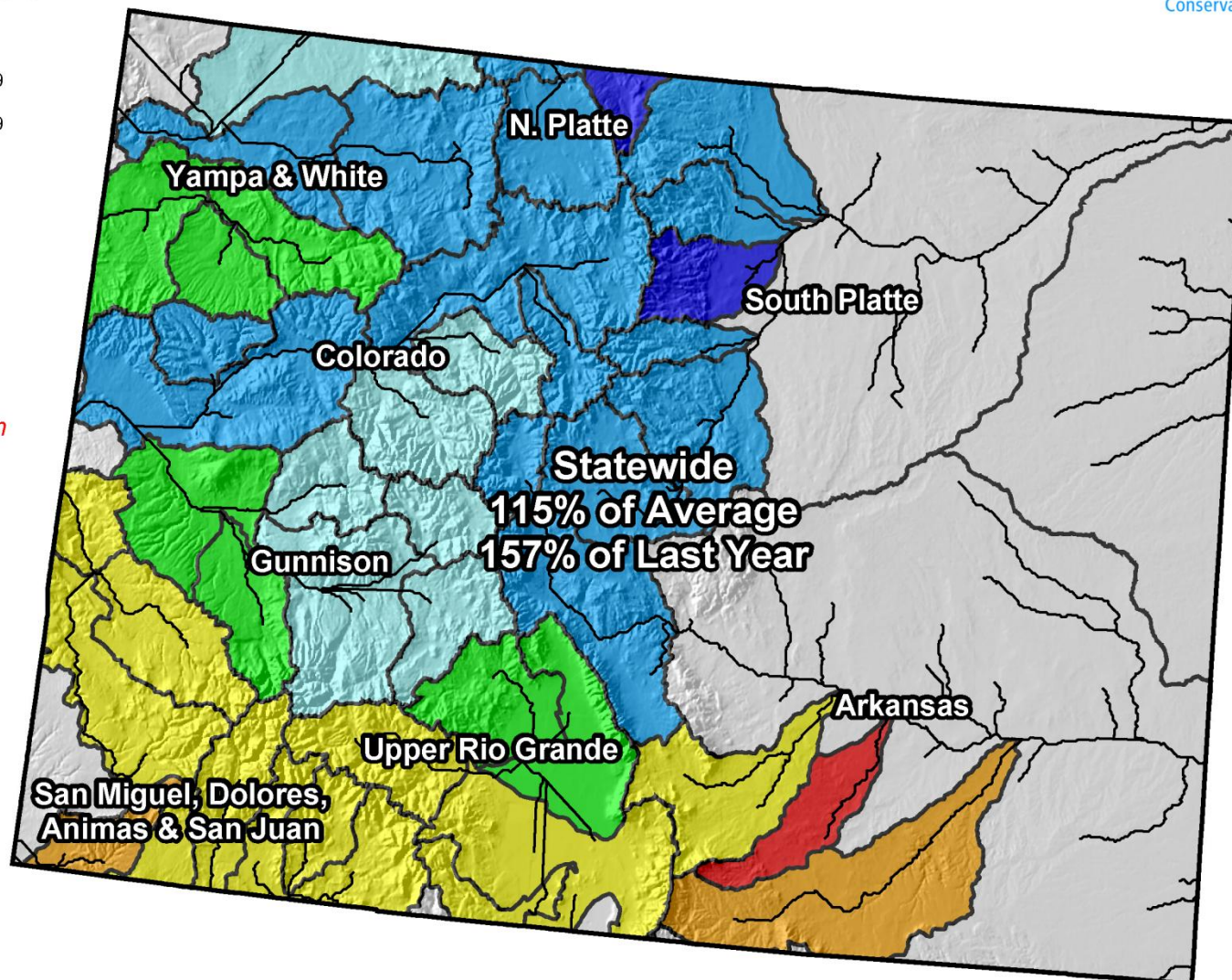


Colorado Snowpack Map

Percent of Median



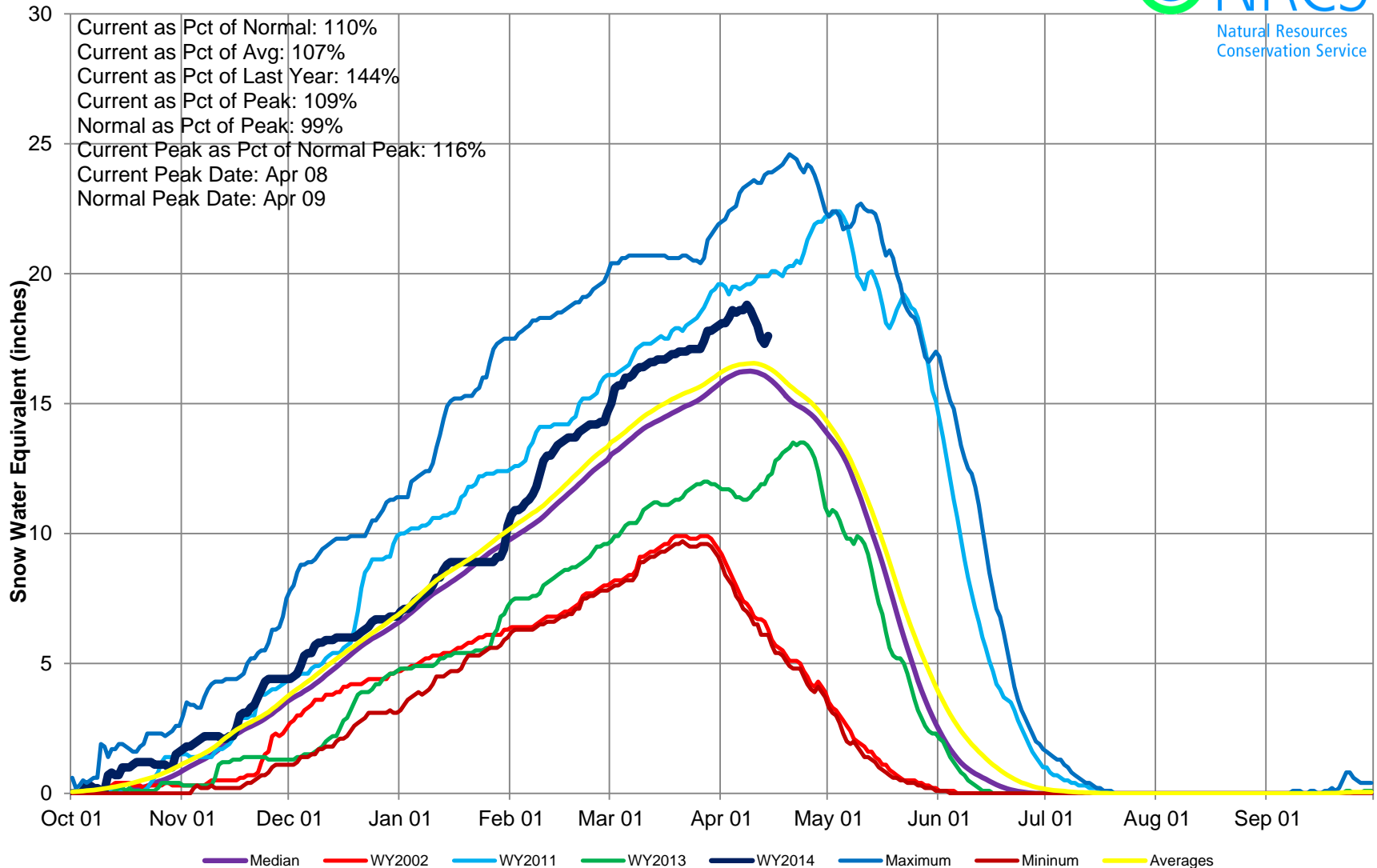
*Provisional Data
Subject to Revision*



Current as of April 1, 2014

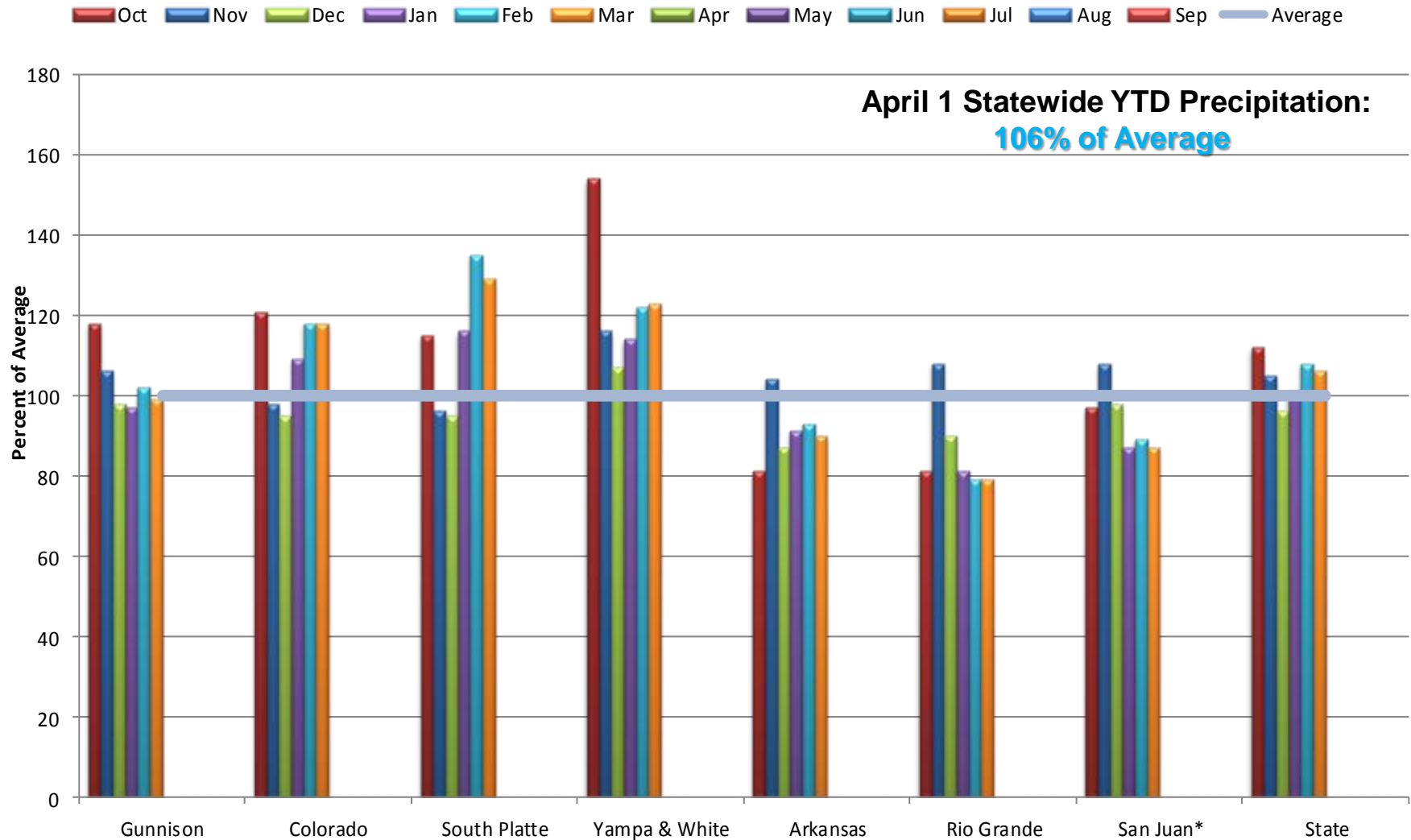
Colorado Statewide High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Apr 14, 2014



Colorado Year-to-Date Precipitation Summary for WY2014

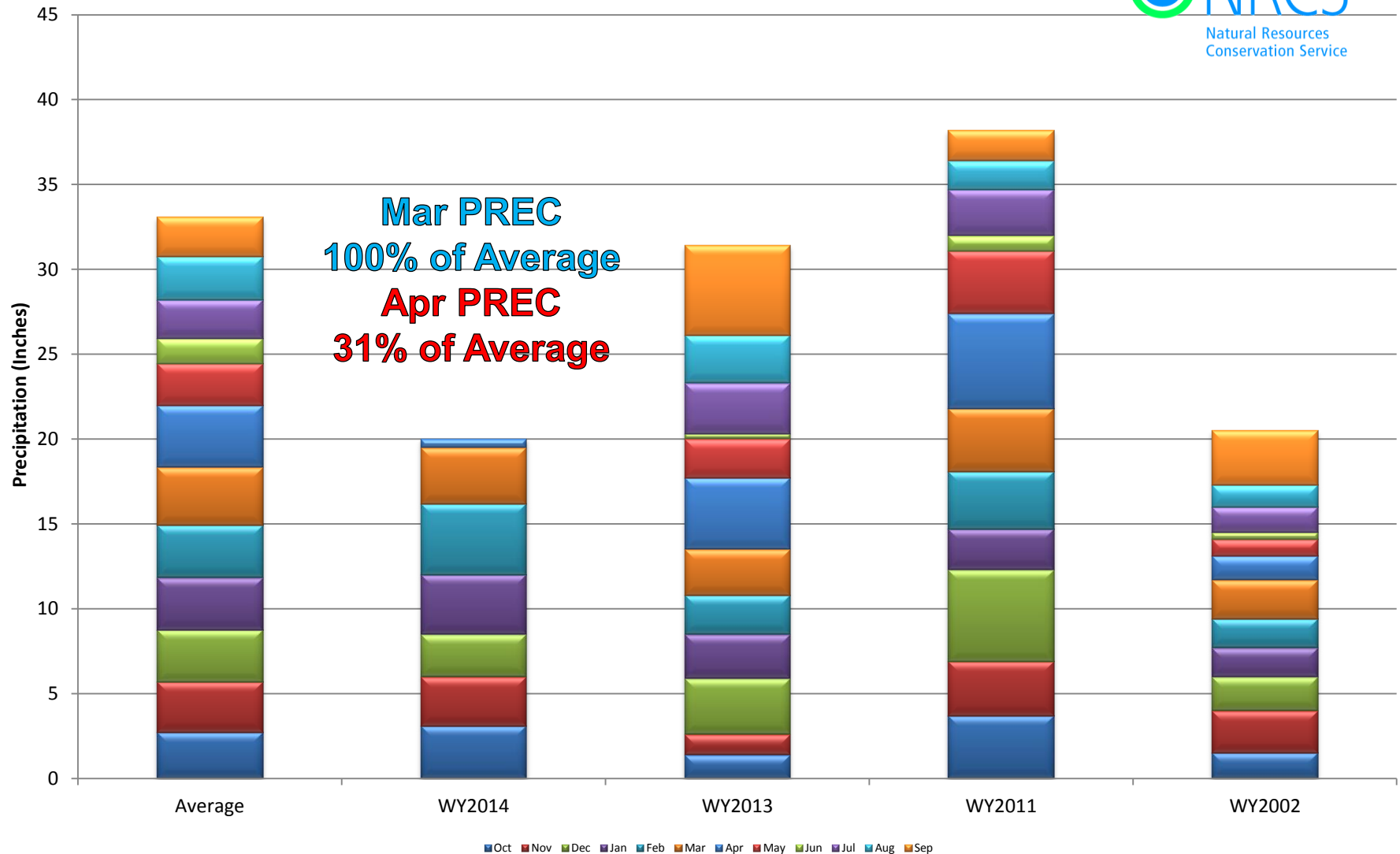
USDA Natural Resources Conservation Service



*Includes Animas, Dolores, San Miguel Basins

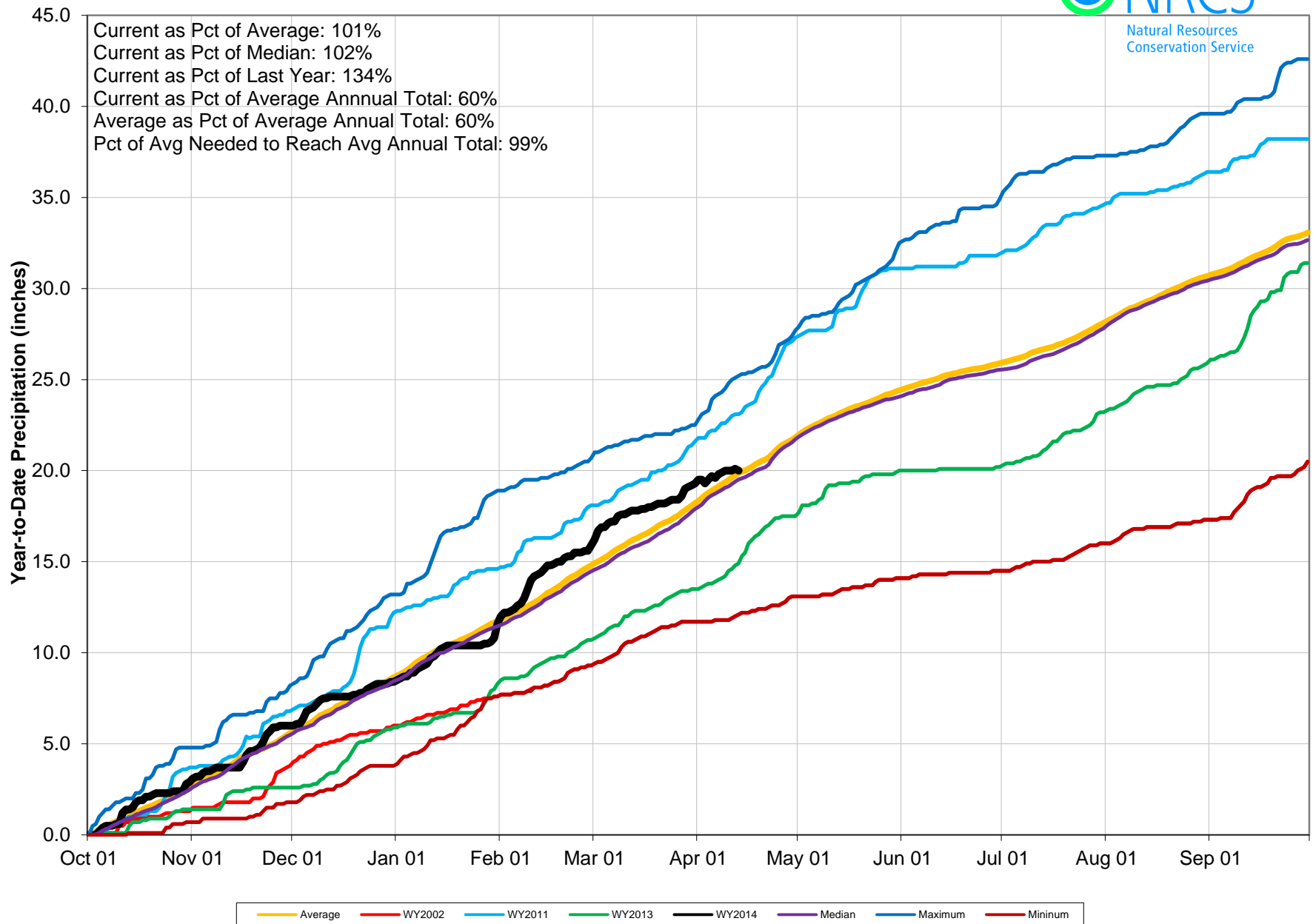
Colorado Statewide High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Apr 13, 2014

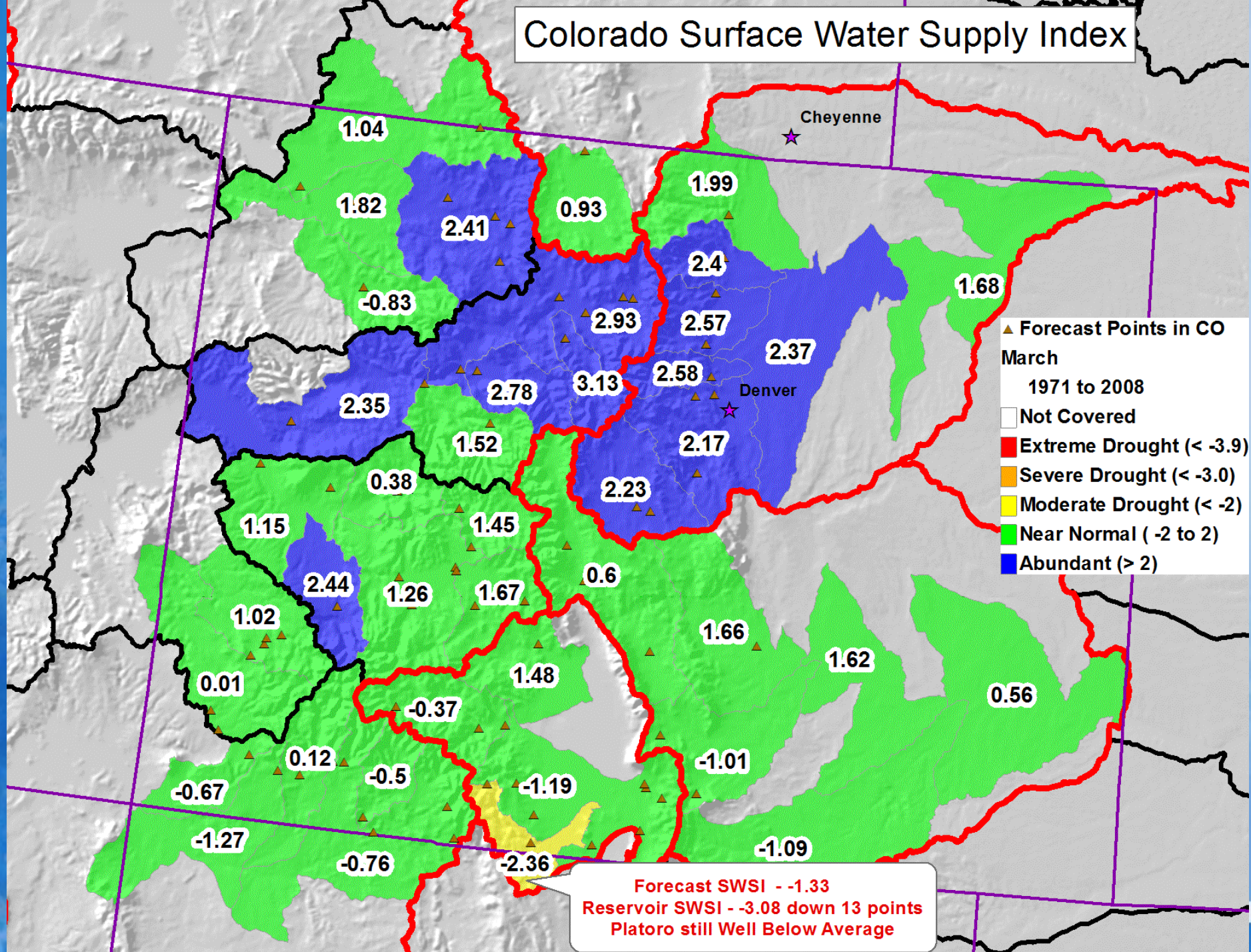


Colorado Statewide High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Apr 13, 2014

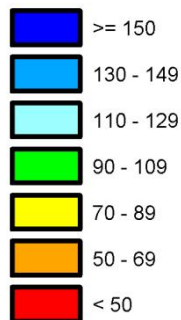


Colorado Surface Water Supply Index

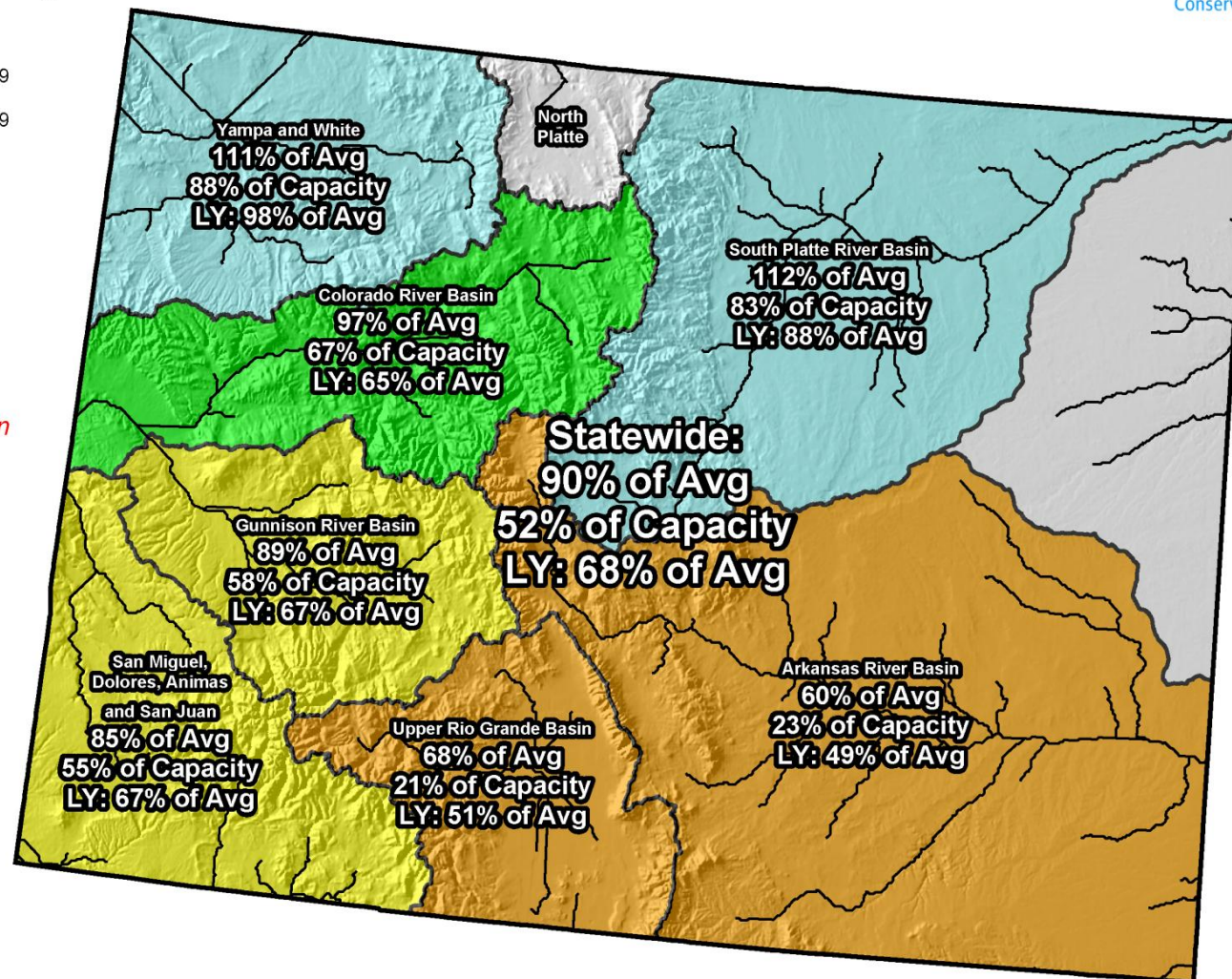


Colorado Reservoir Storage Map

Percent of Average



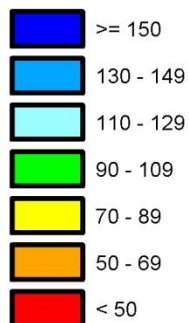
*Provisional Data
Subject to Revision*



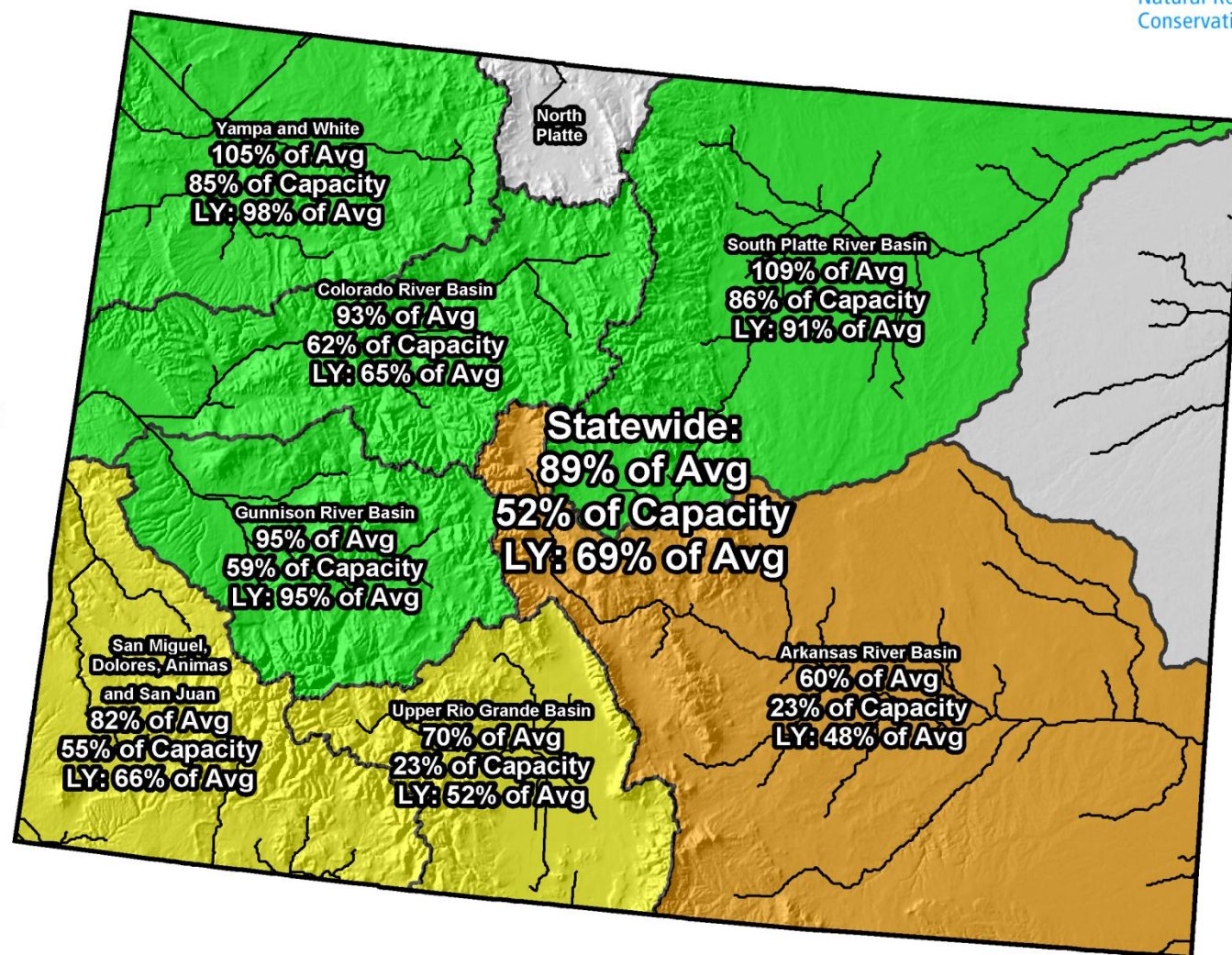
End of February 2014

Colorado Reservoir Storage Map

Percent of Average



*Provisional Data
Subject to Revision*



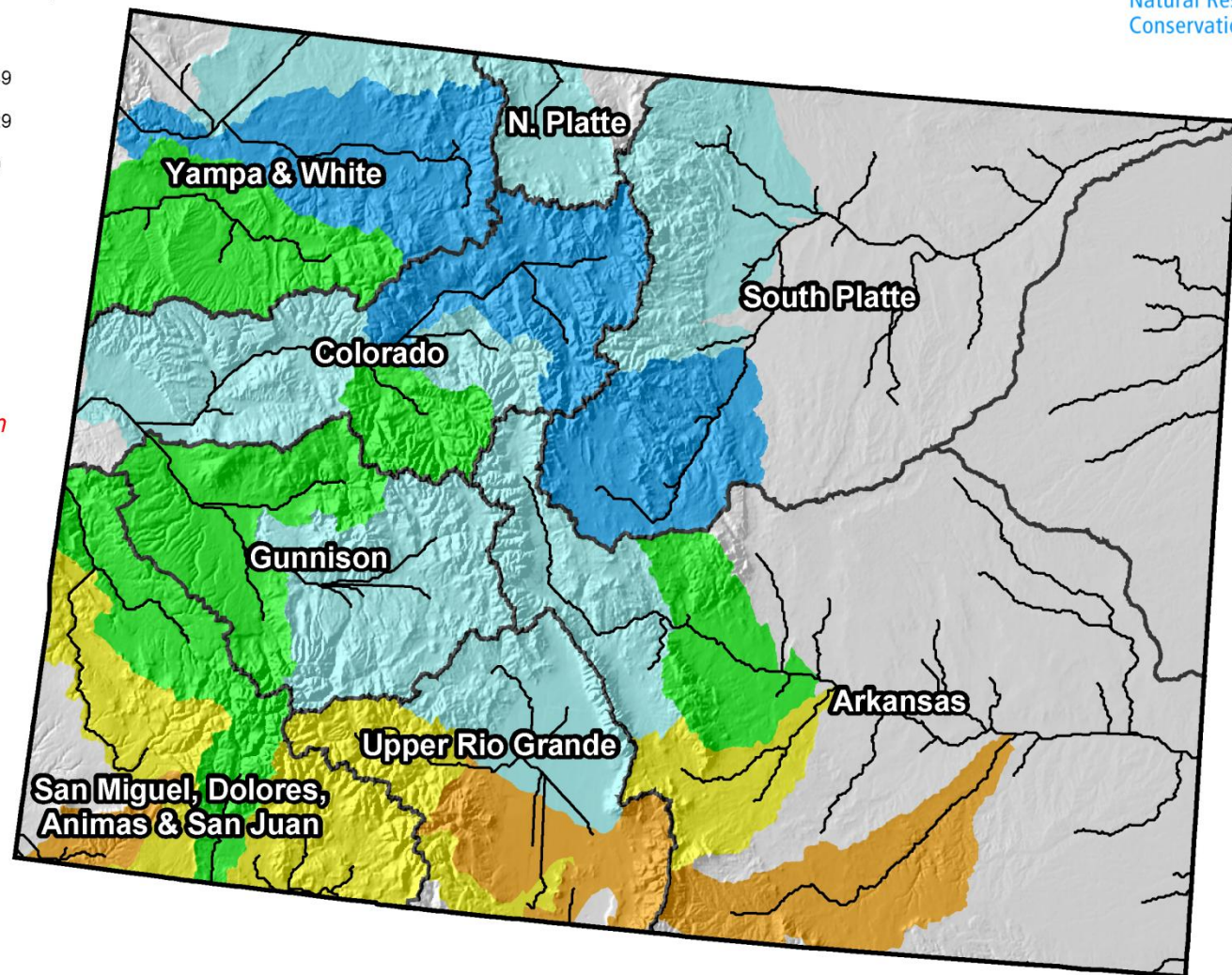
End of March 2014

Colorado Streamflow Forecast Map

Percent of Average



*Provisional Data
Subject to Revision*



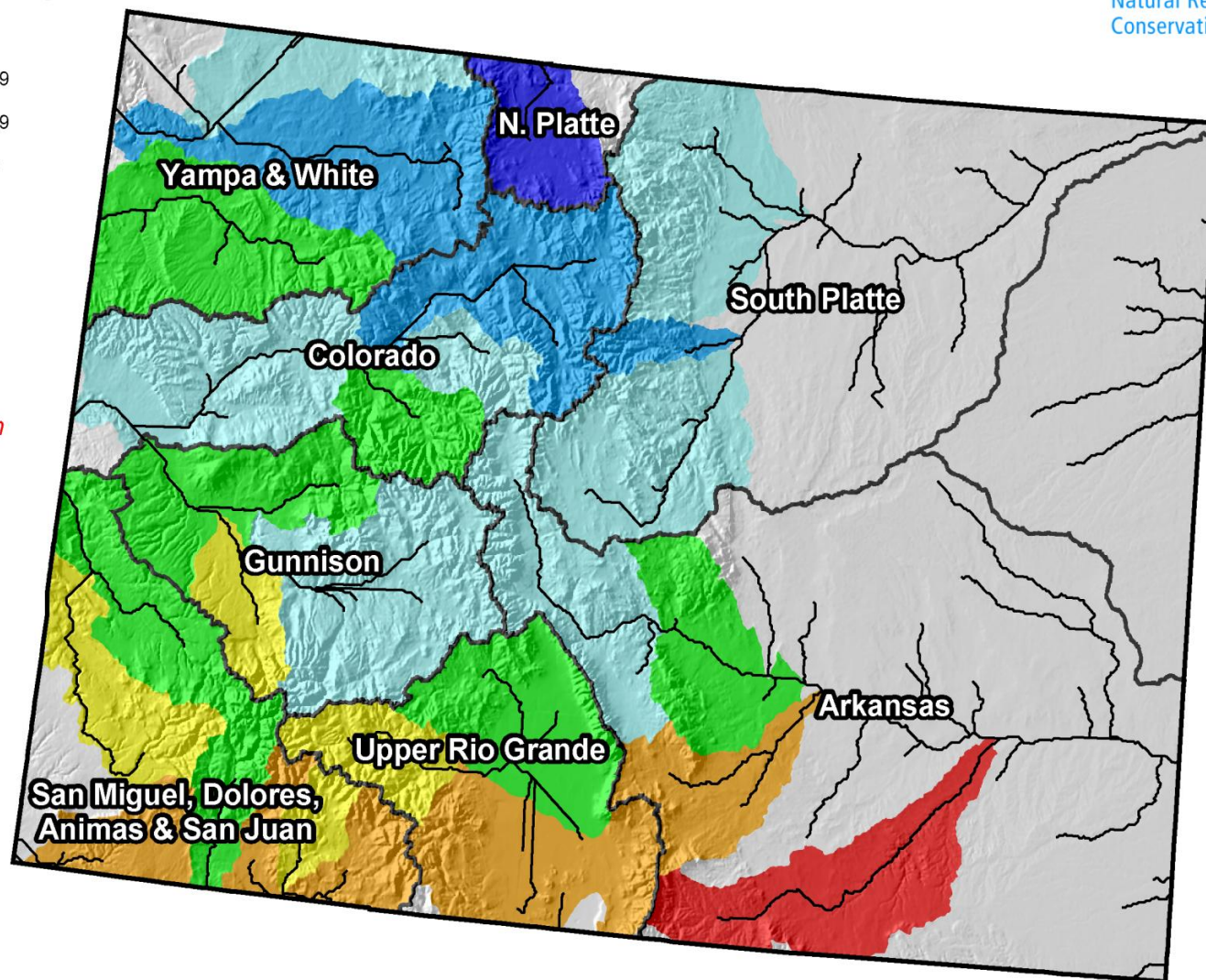
Current as of March 1, 2014

Colorado Streamflow Forecast Map

Percent of Average

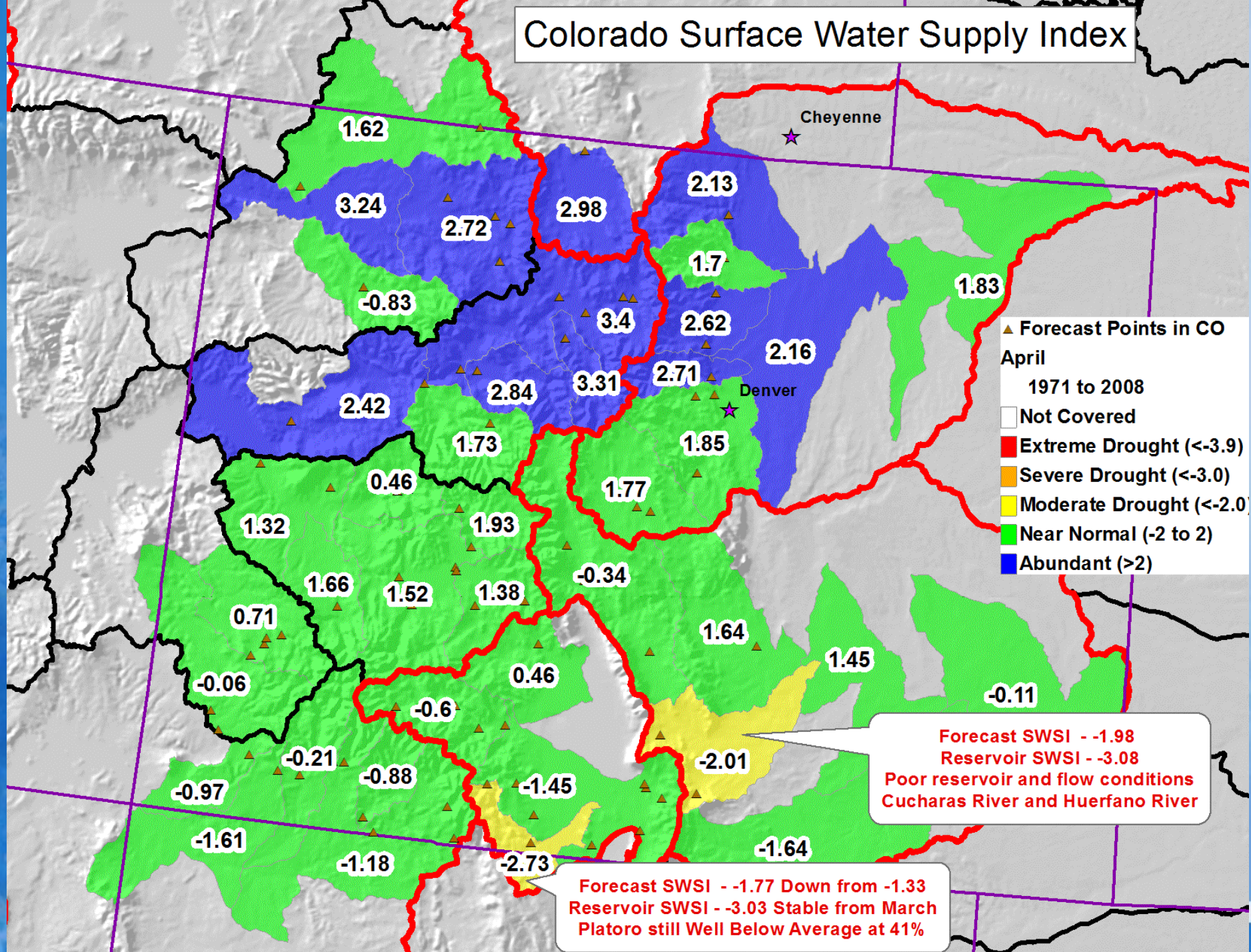


*Provisional Data
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Current as of April 1, 2014

Colorado Surface Water Supply Index



WY2014 Summary

- OCT: The northern basins had well above average precipitation for the 2nd consecutive month. All basins received some good early season snow accumulation.
- NOV: Basins flip flopped with the southern basins seeing above average precip and northern basins slightly below average. All basins still accumulating snow.
- DEC: Things dried up in the southwest part of the state in early December. Snowpack totals were above to near normal across the state.
- JAN: The northern basins continued to accumulate snow at near normal rates the first couple of weeks. Most of the state was pretty dry the latter half of the month until the very last week. Those storms boosted northern basins back to above normal and helped the southern basins as well.
- FEB: February statewide precipitation was above normal. All basins benefited from a storm passing through at the end of the month.
- MAR: March water supply conditions continued previous trends; the north being wet and the south being dry. Overall less precip than previous months.
- APR: Seasonal streamflows expected to be high in the northern basins and low in the south. Below normal precipitation across all basins except the Arkansas so far this month.