



United States Department of Agriculture

Colorado Snow Surveys

Water Availability Task Force Meeting

July 22nd, 2015

NRCS Snow Survey and Water Supply Forecasting Program

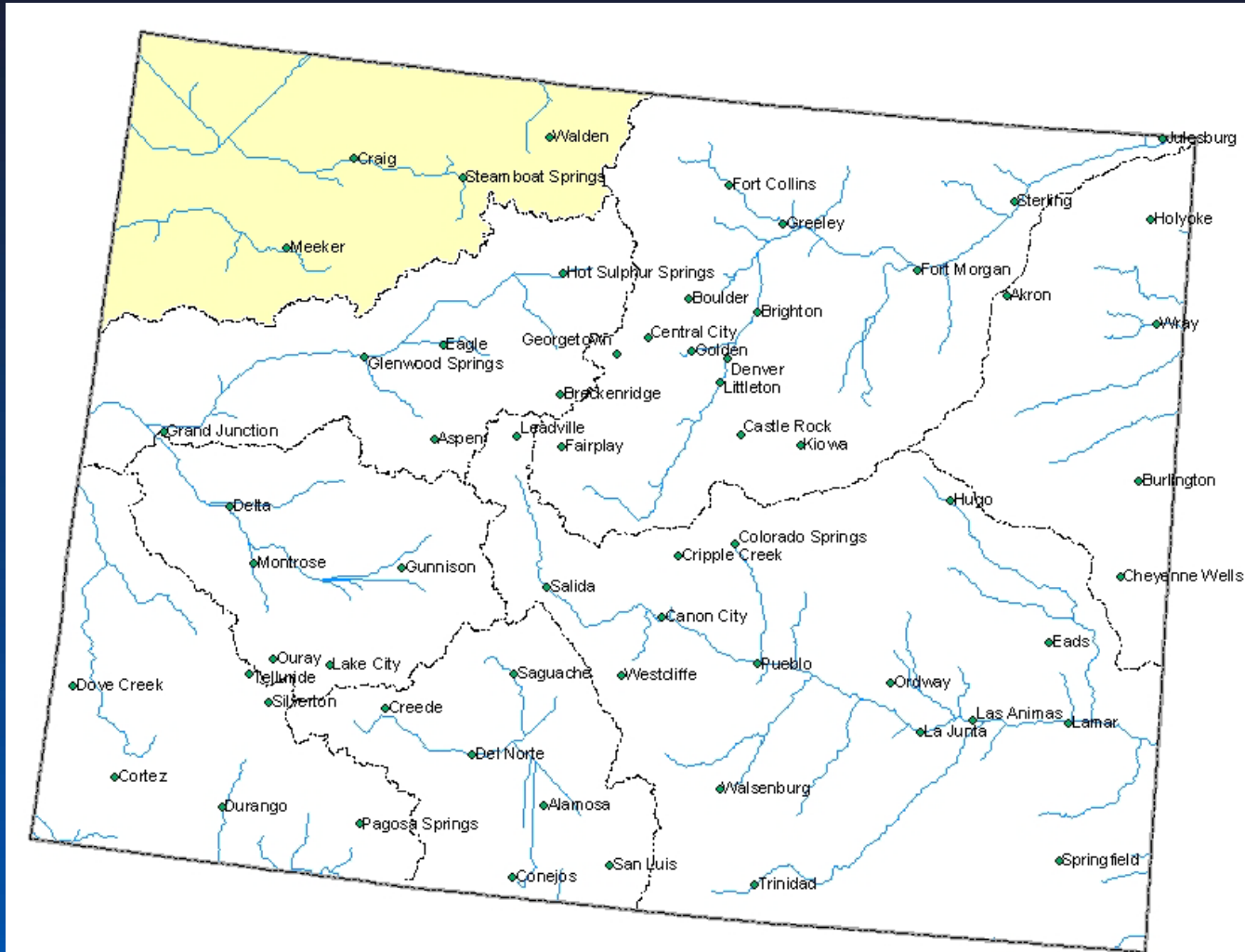
Brian Domonkos

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



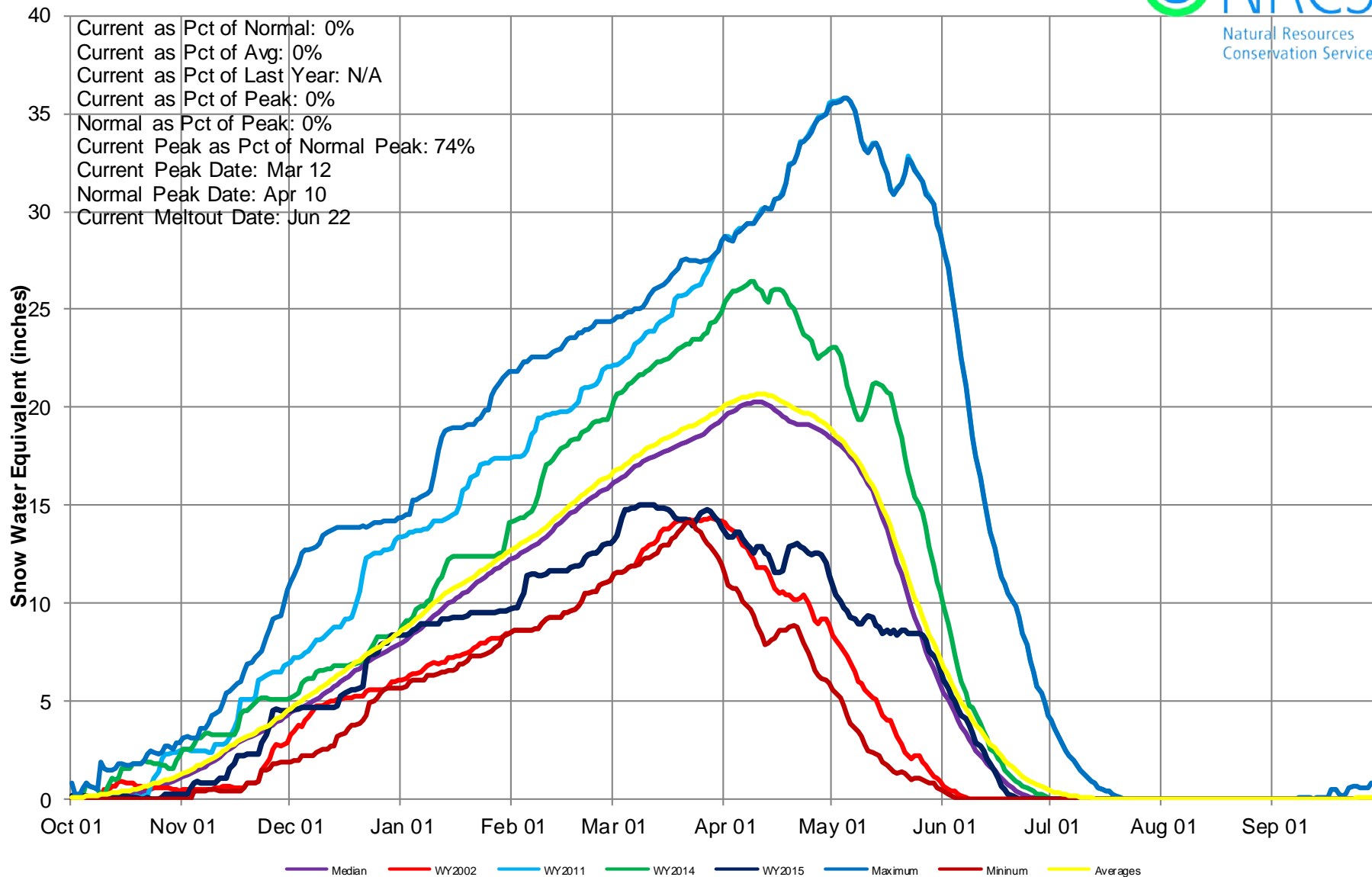


United States Department of Agriculture

Colorado Snow Surveys

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

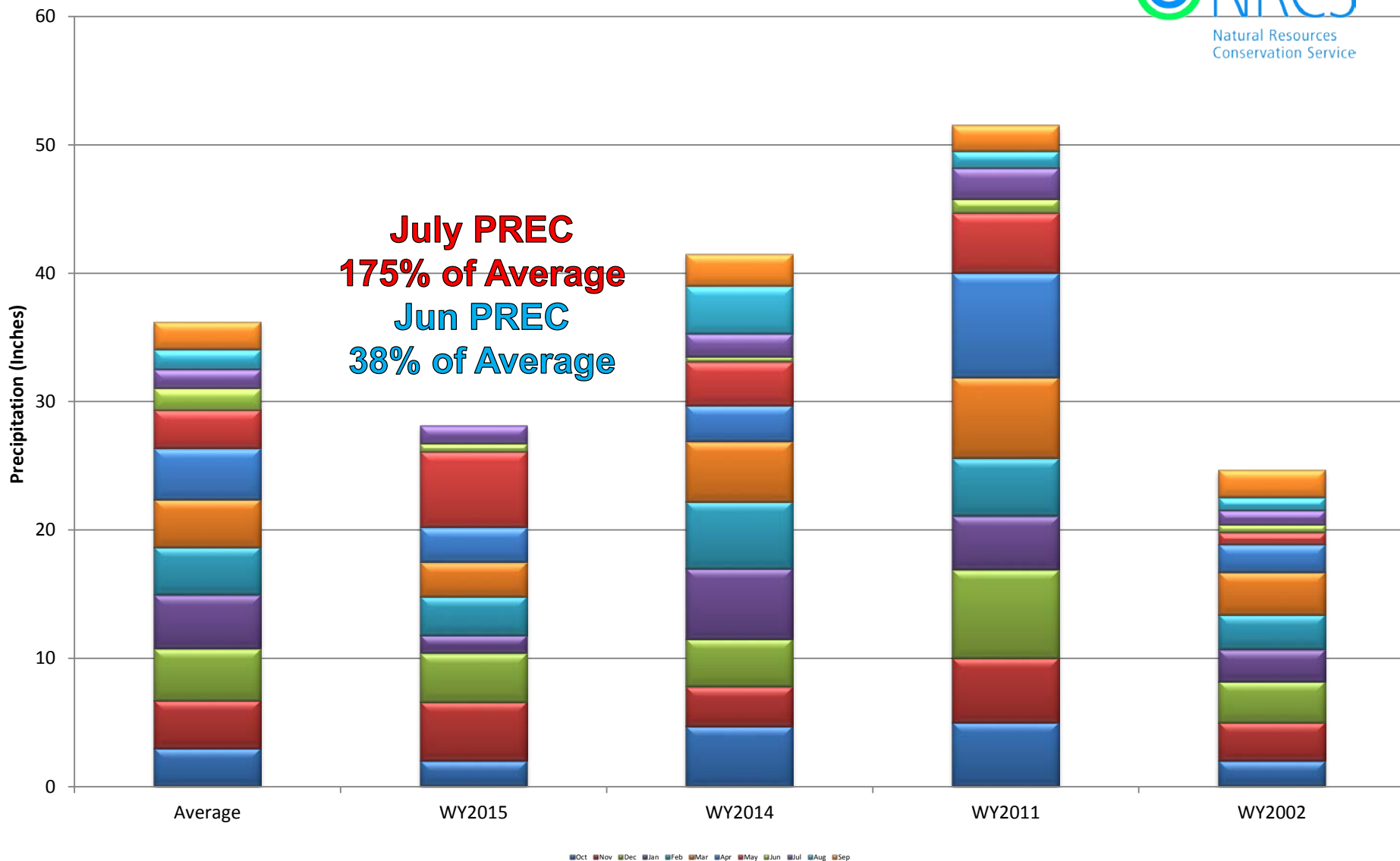
Based on Provisional SNOTEL data as of Jul 20, 2015





Yampa & White River Basins High/Low Monthly Precipitation Summary

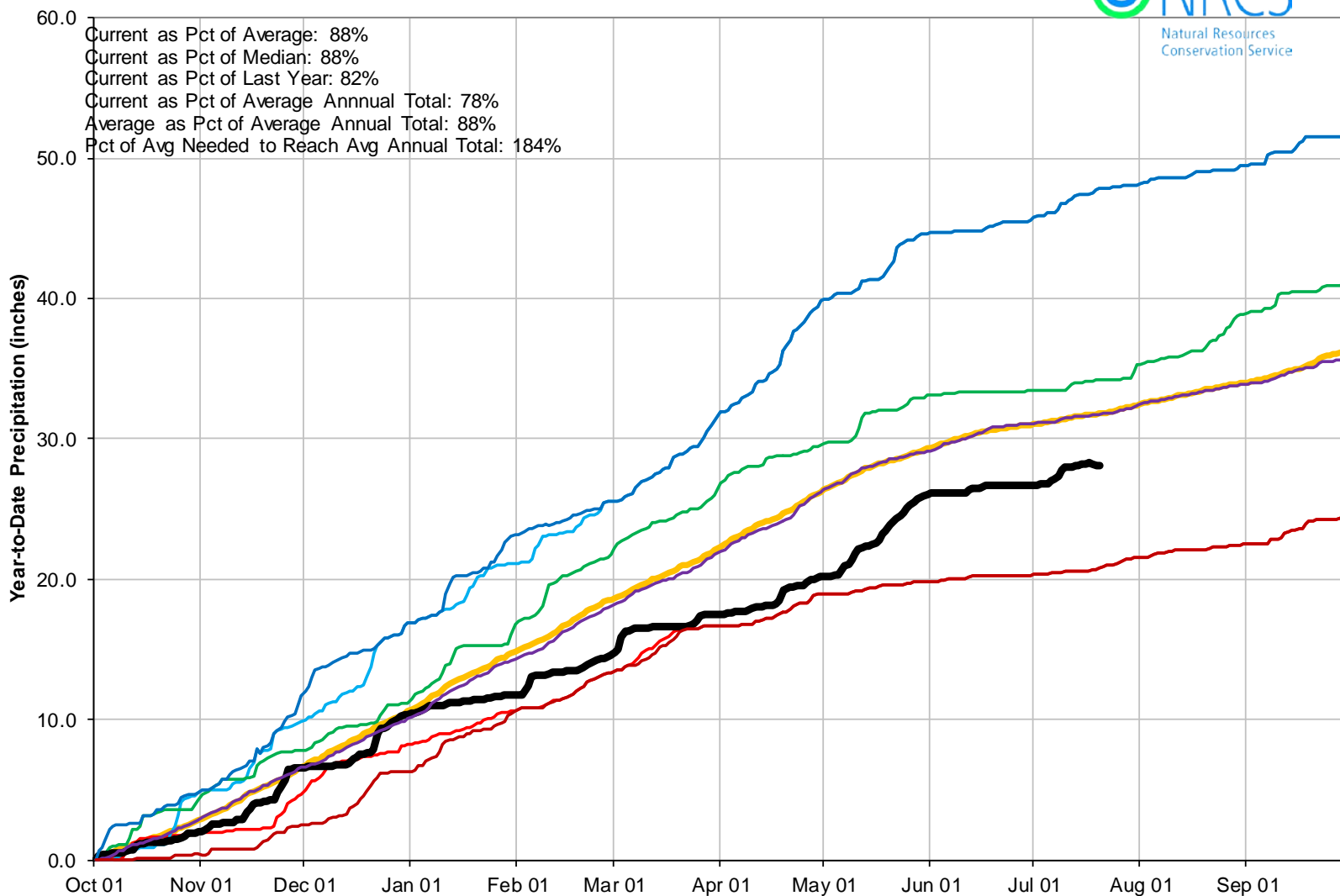
Based on Provisional SNOTEL data as of Jul 20, 2015





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

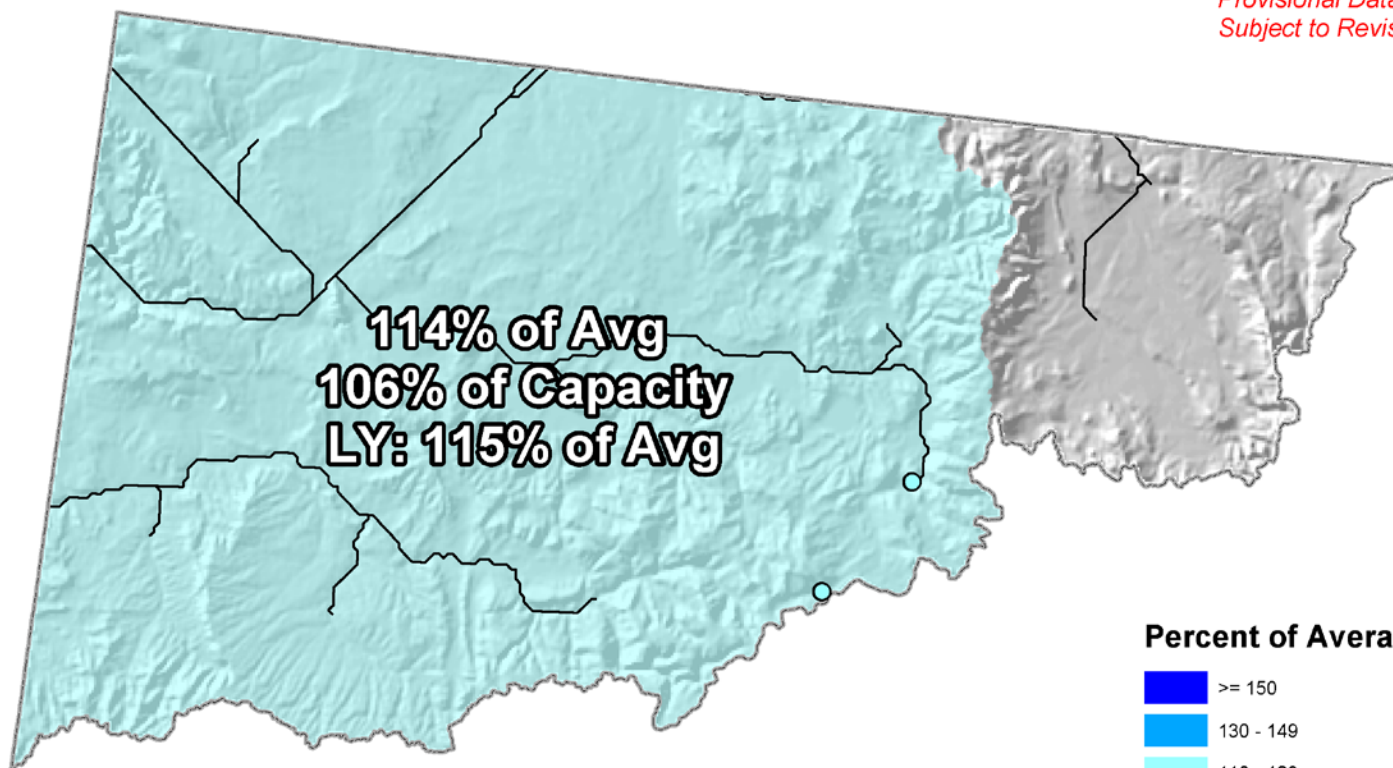
Based on Provisional SNOTEL data as of Jul 20, 2015



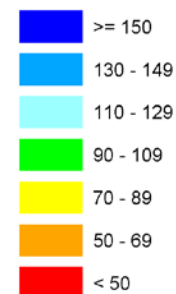
Yampa & White River Basins Reservoir Storage Map



*Provisional Data
Subject to Revision*



Percent of Average

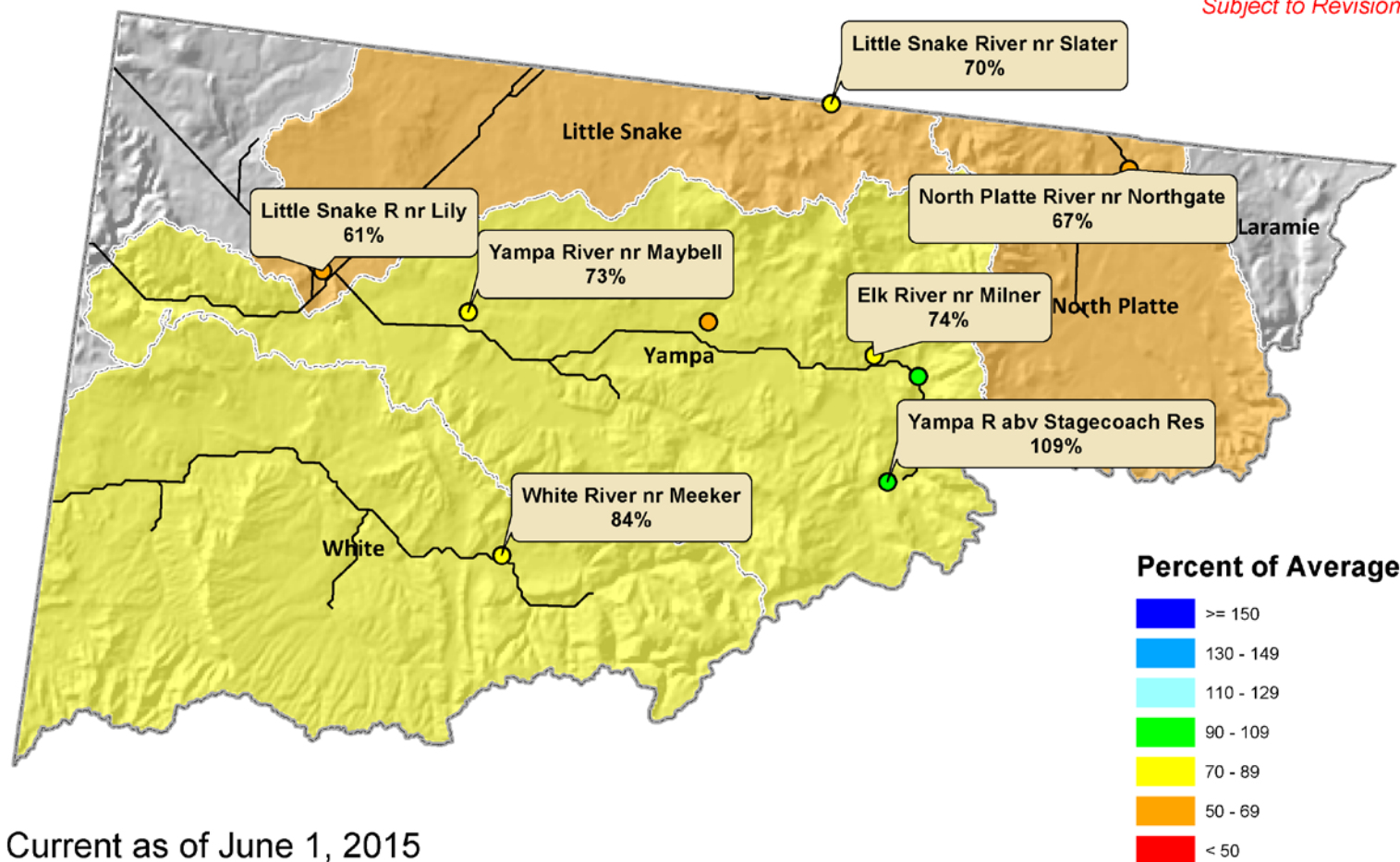


End of June 2015

Yampa, White and North Platte River Basins Streamflow Map

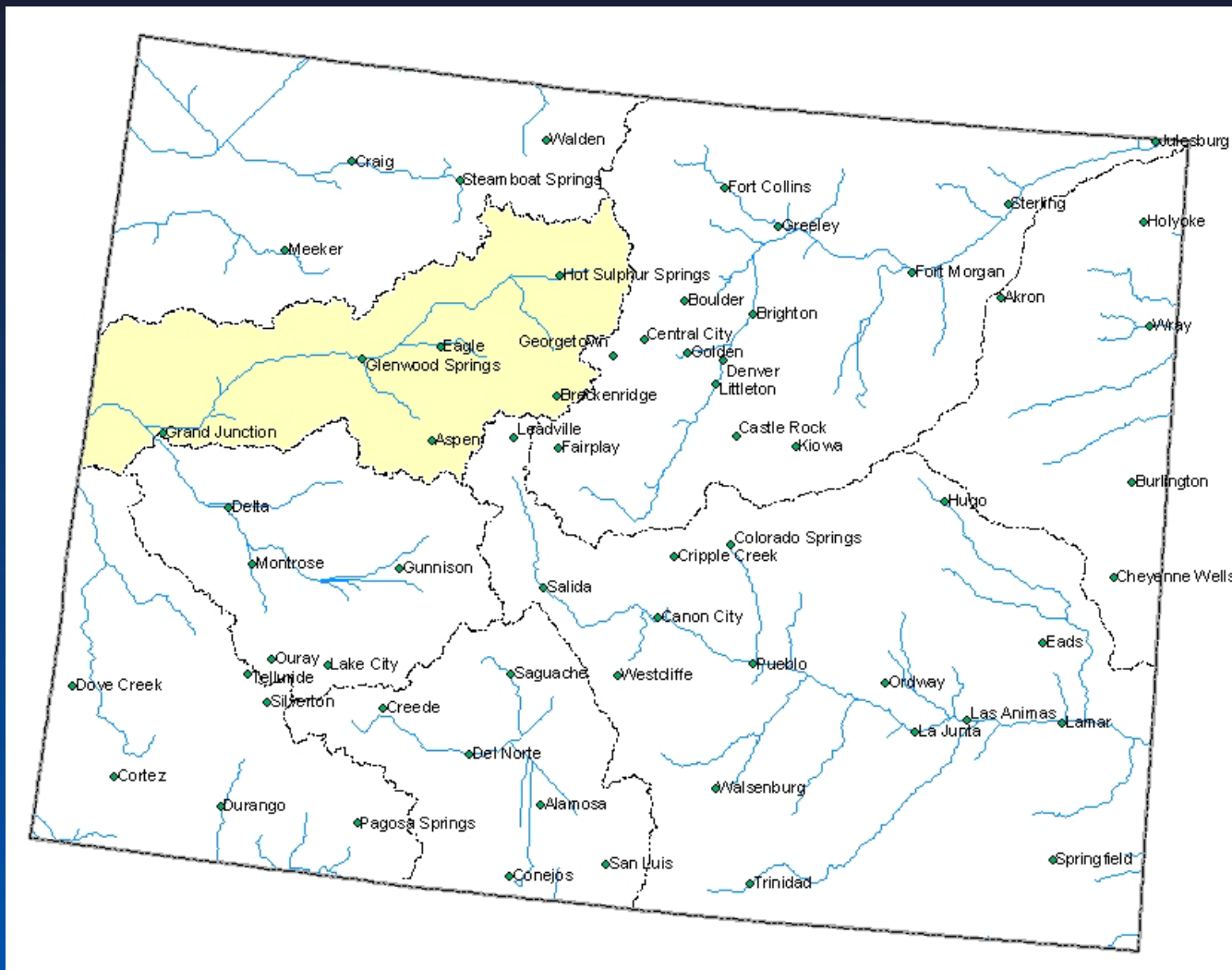


*Provisional Data
Subject to Revision*



Current as of June 1, 2015

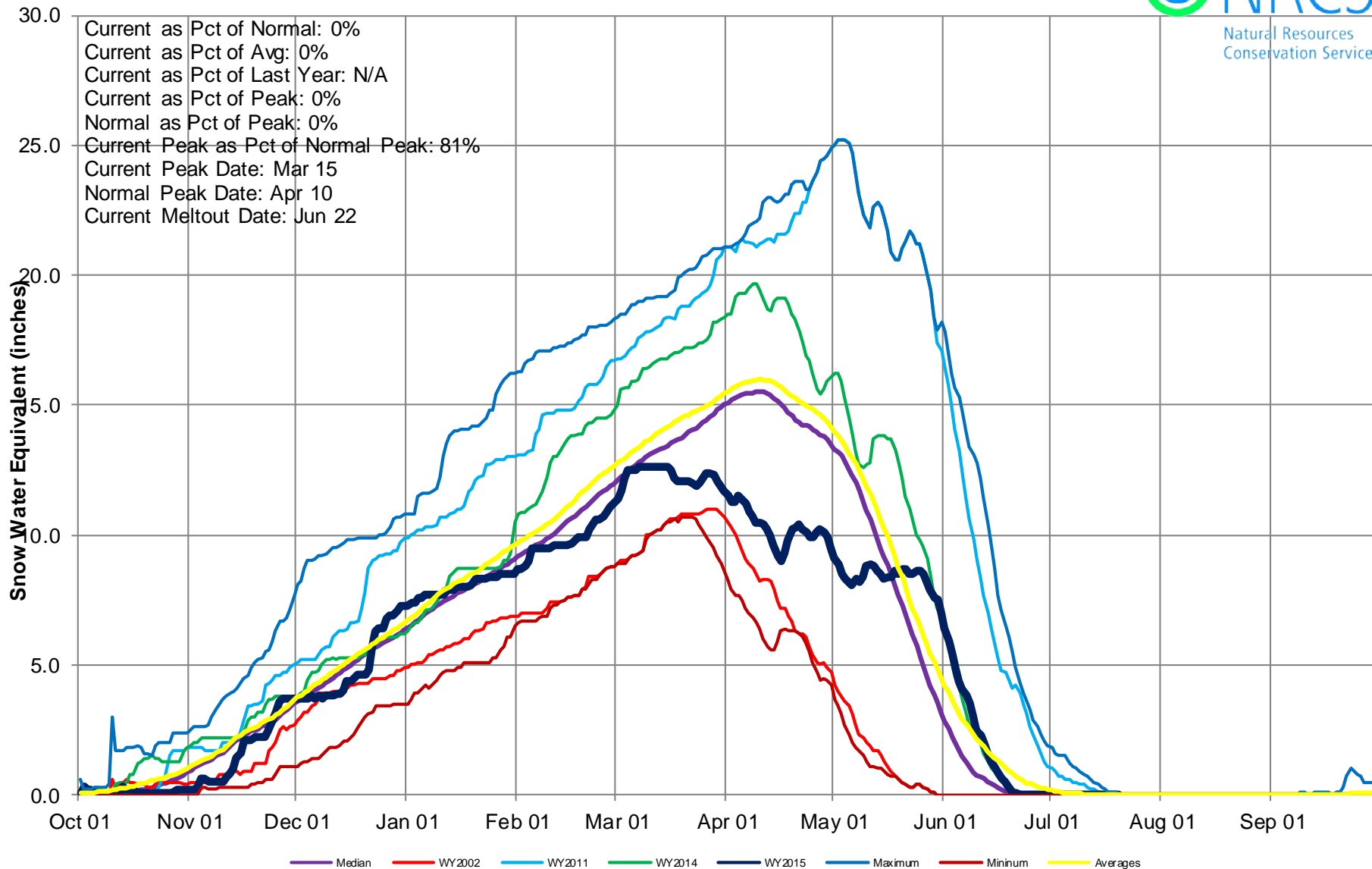
Colorado River Basin Summary





Upper Colorado River Basin High/Low Snowpack Summary

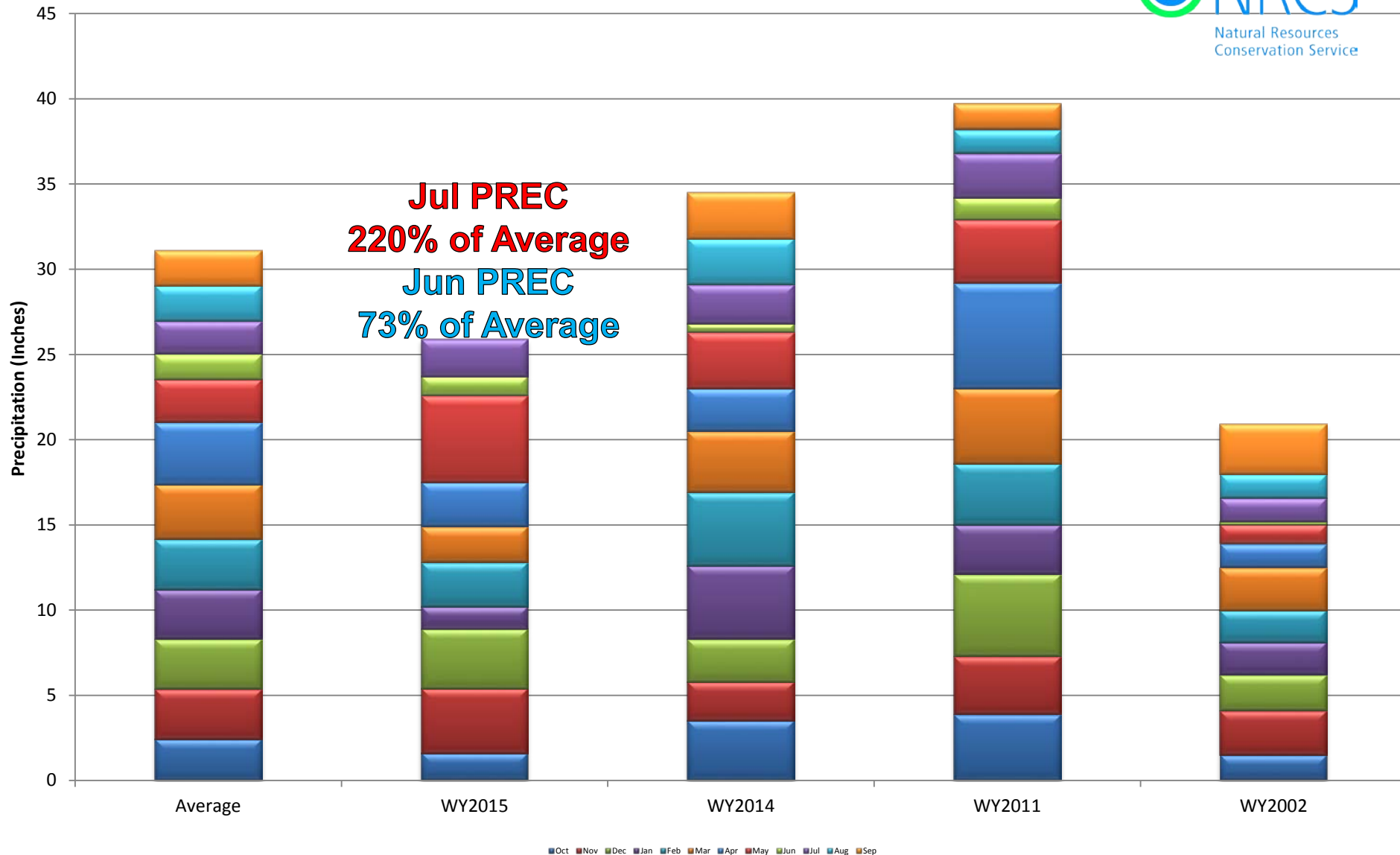
Based on Provisional SNOTEL data as of Jul 20, 2015





Upper Colorado River Basin High/Low Monthly Precipitation Summary

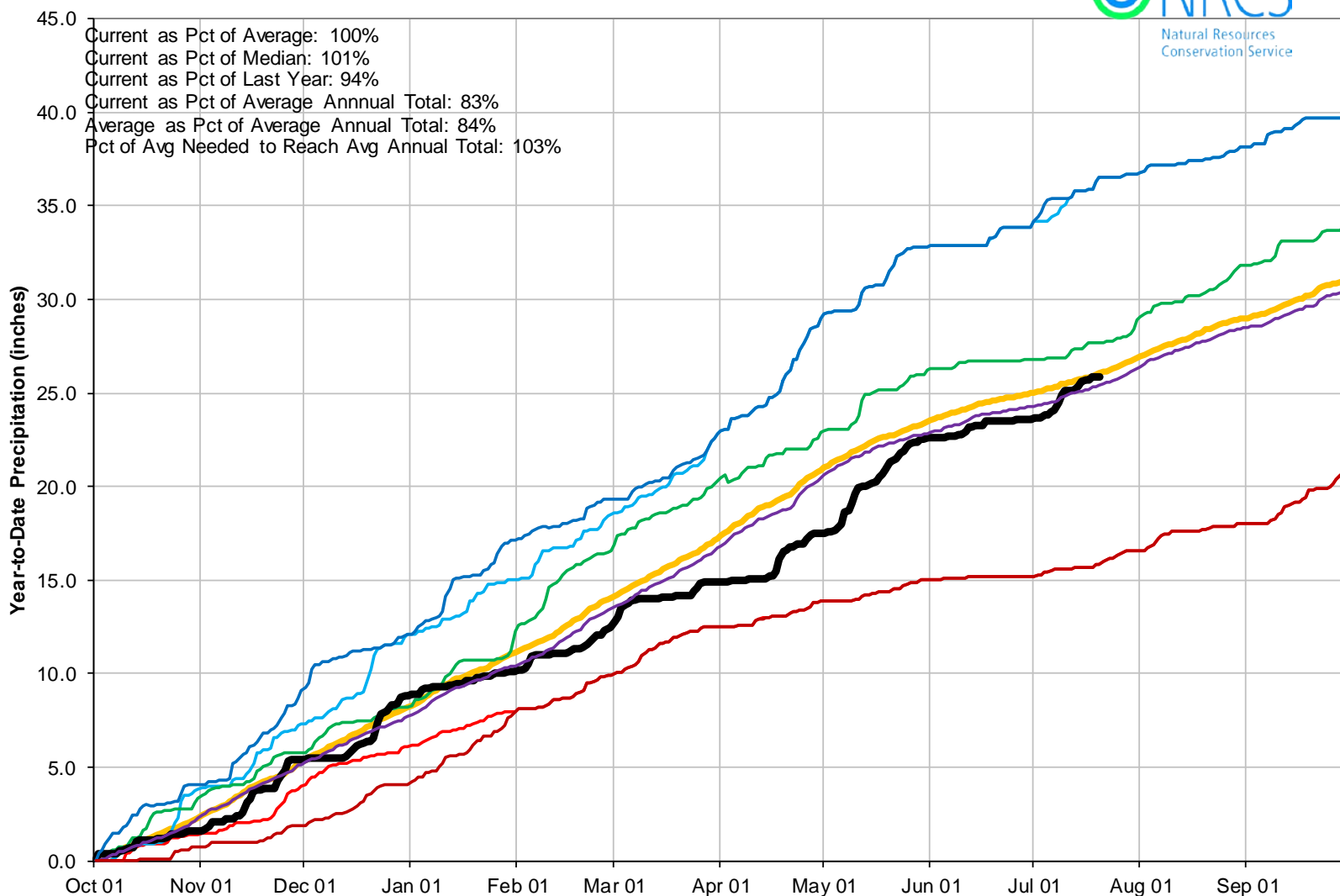
Based on Provisional SNOTEL data as of Jul 20, 2015





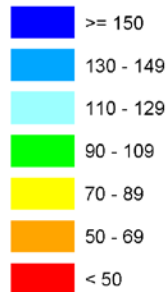
Upper Colorado River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 20, 2015

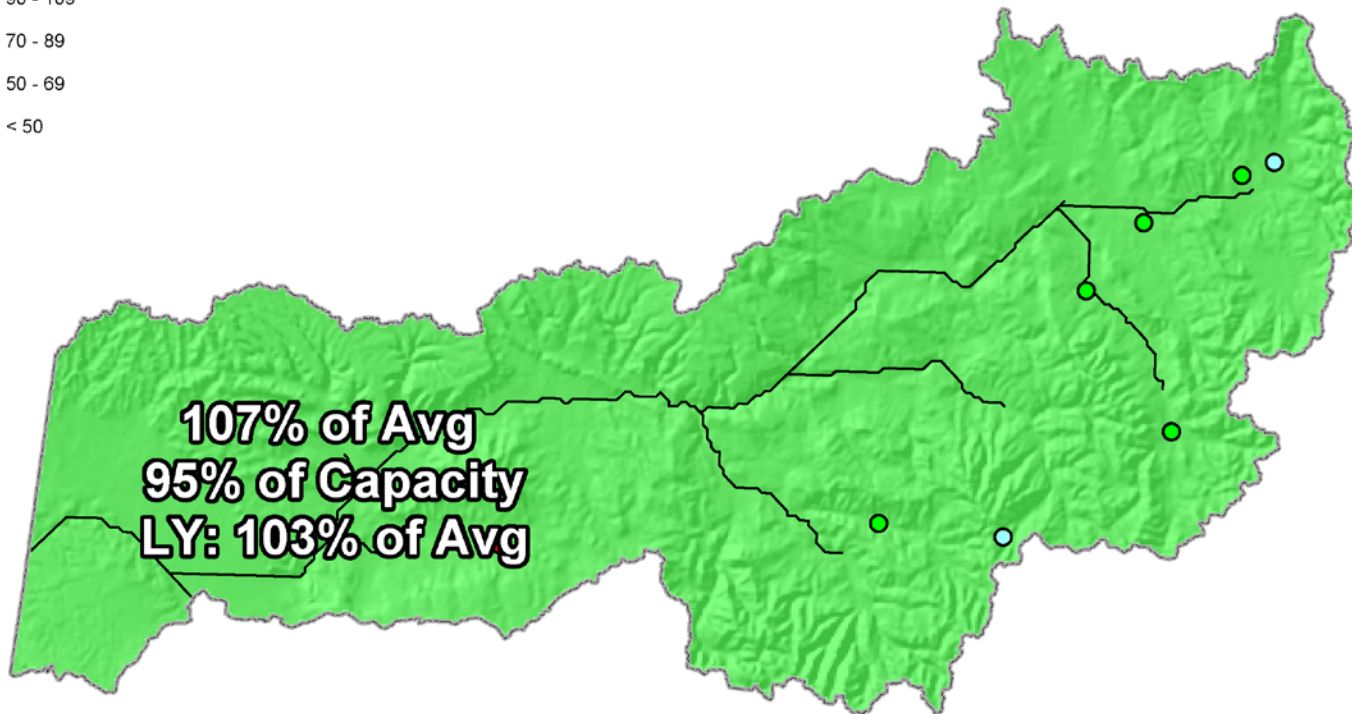


Colorado River Basin Reservoir Storage Map

Percent of Average



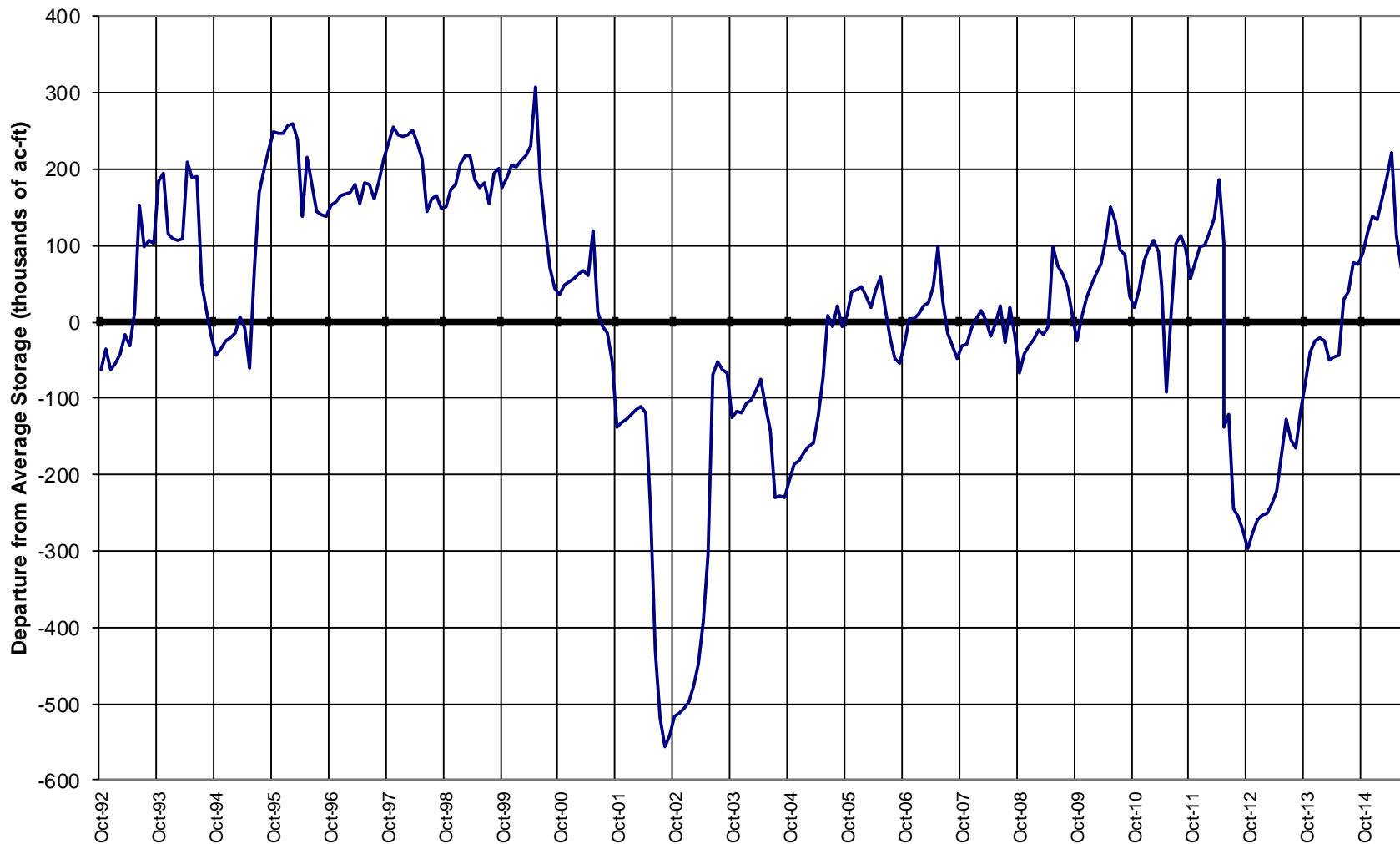
*Provisional Data
Subject to Revision*



End of June 2015



COLORADO RIVER BASIN Reservoir Storage Departure from Average

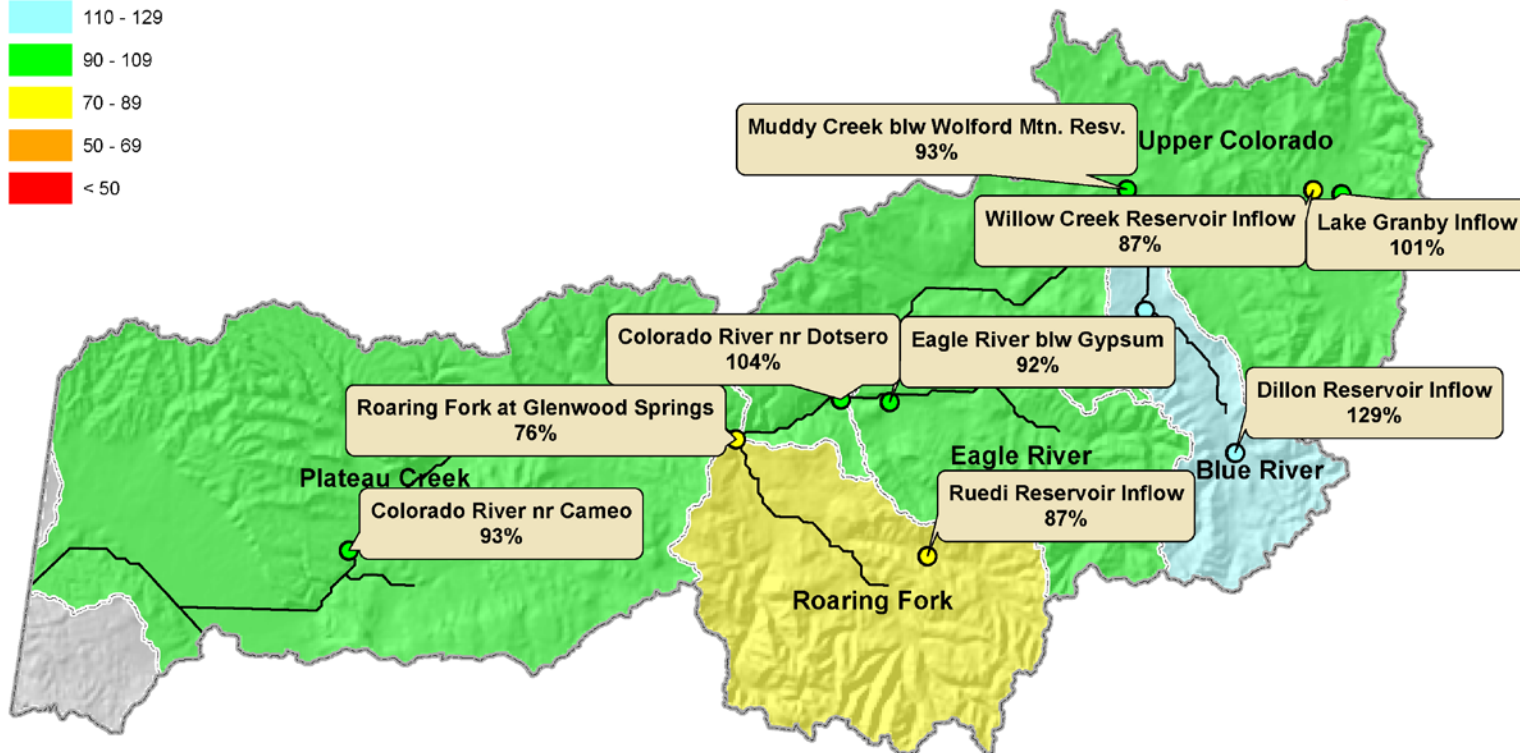


Colorado River Basin Streamflow Forecast Map

Percent of Average

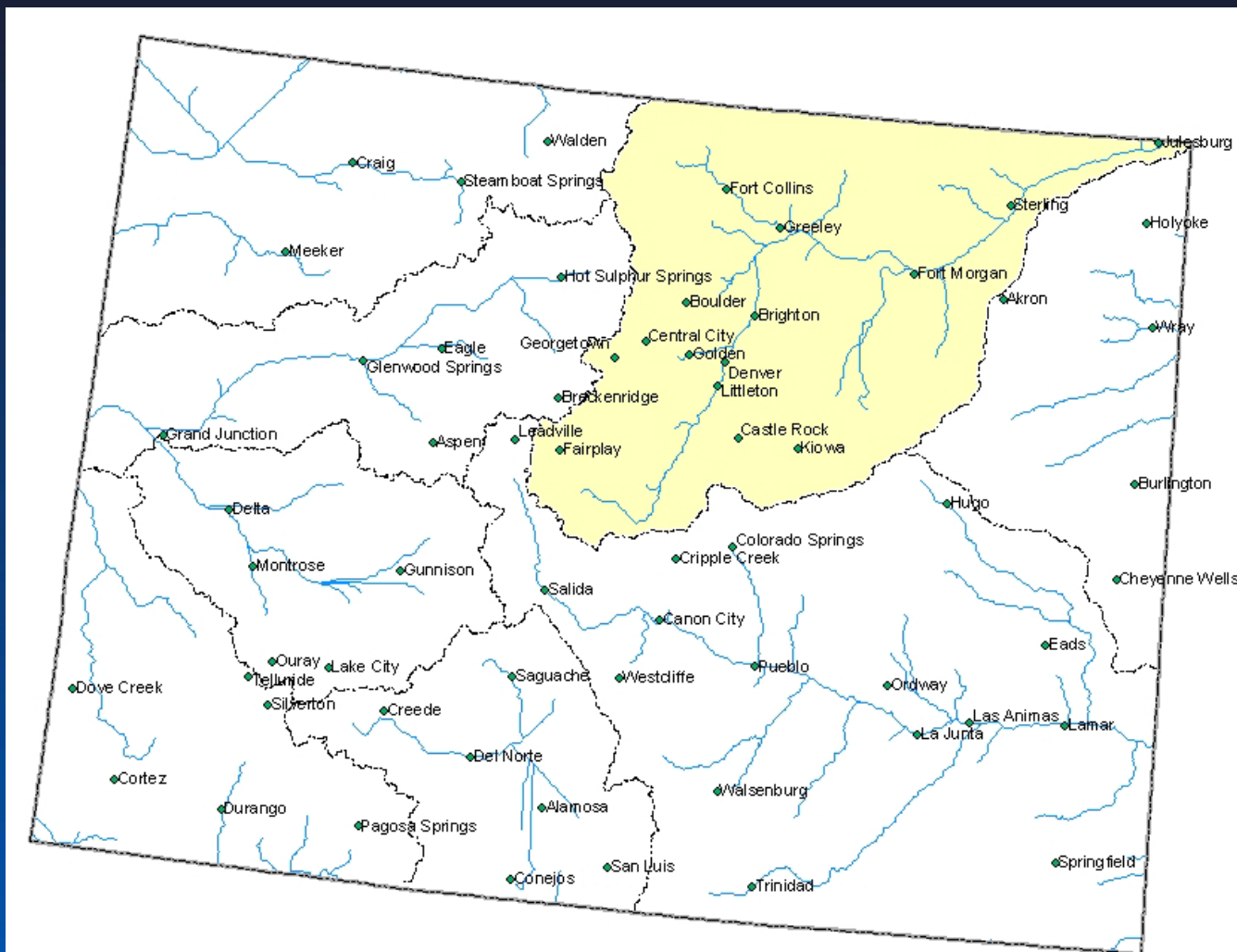


*Provisional Data
Subject to Revision*



Current as of June 1, 2015

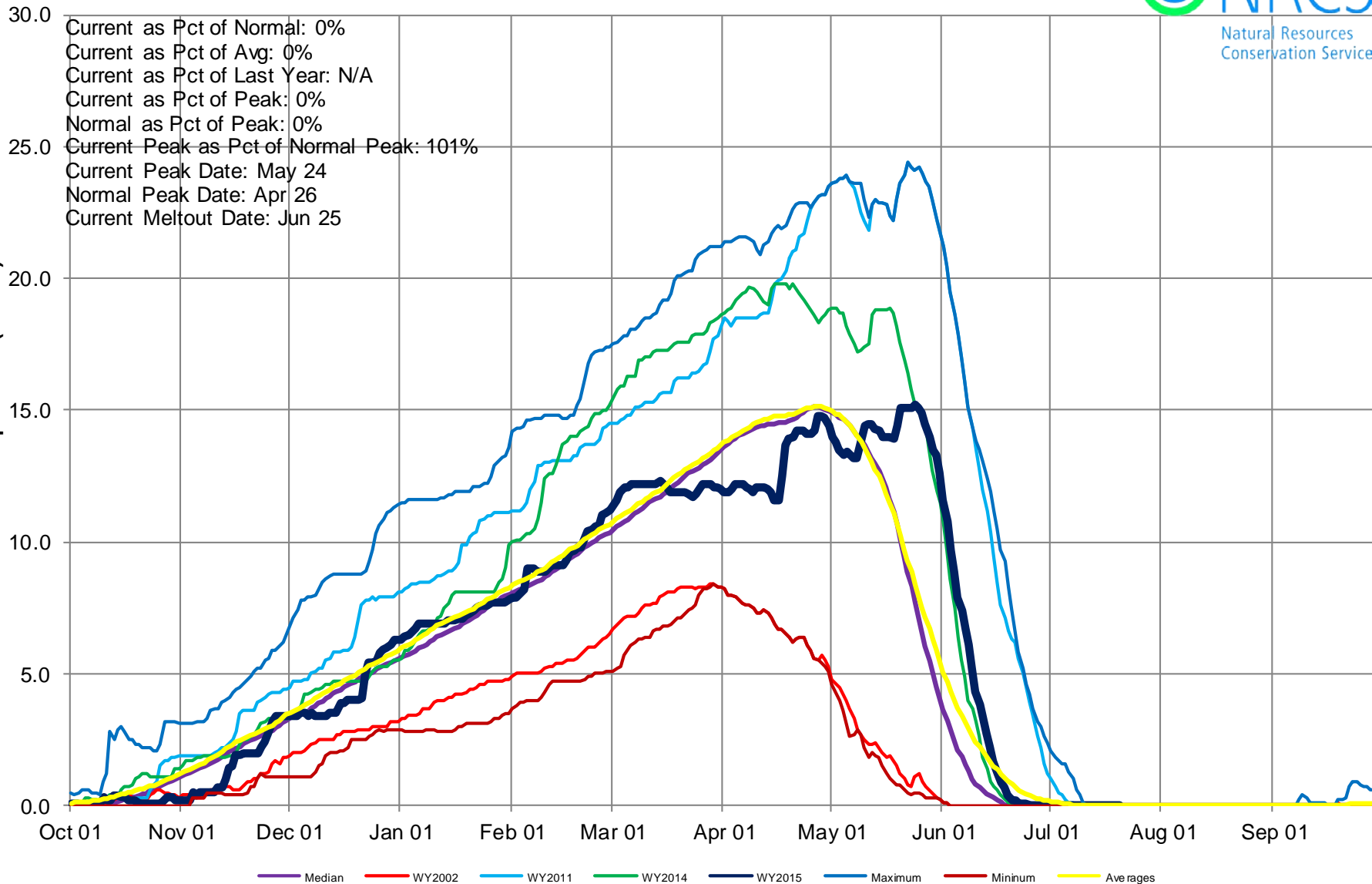
South Platte River Basin Summary





South Platte River Basin High/Low Snowpack Summary

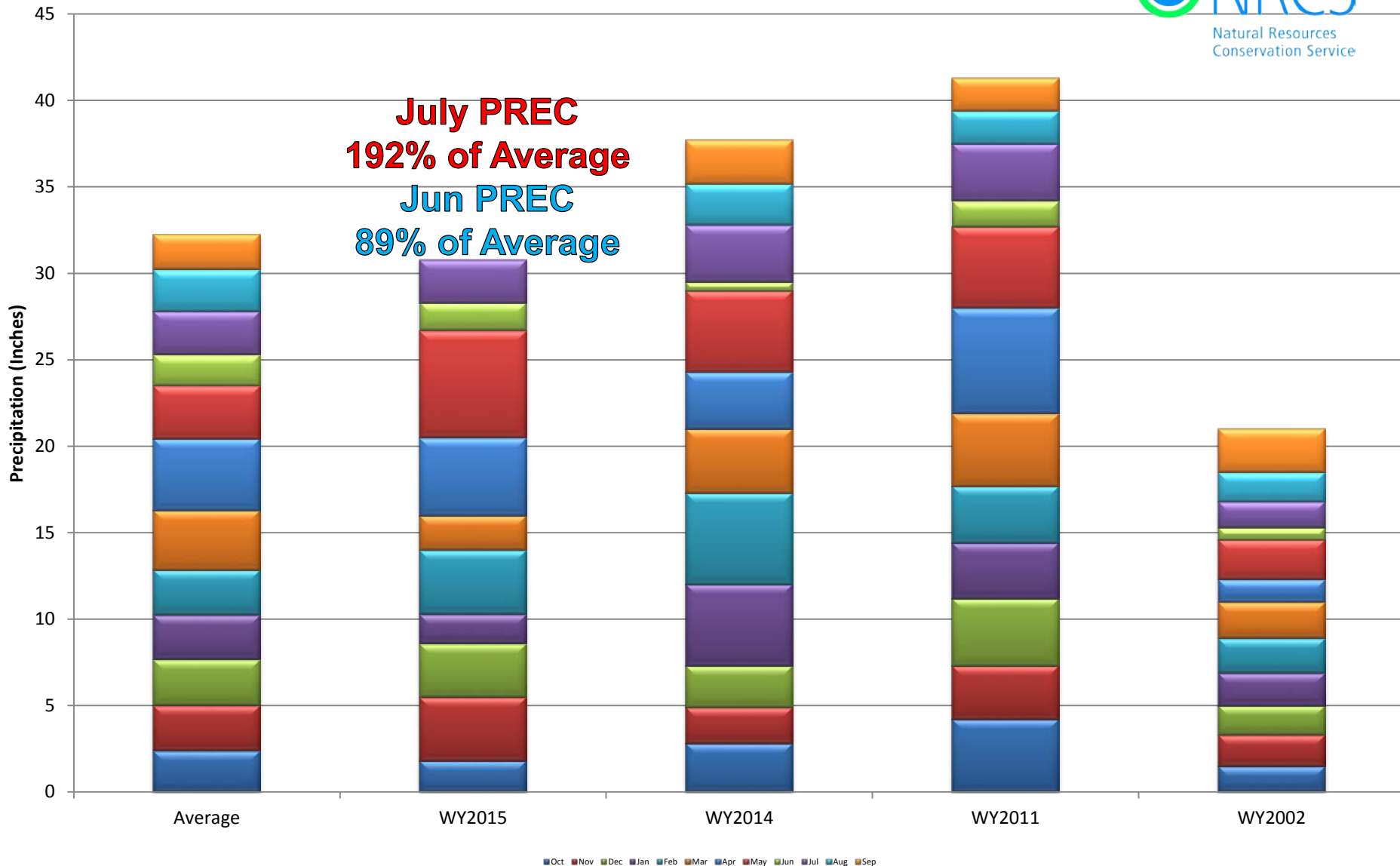
Based on Provisional SNOTEL data as of Jul 20, 2015





South Platte River Basin High/Low Monthly Precipitation Summary

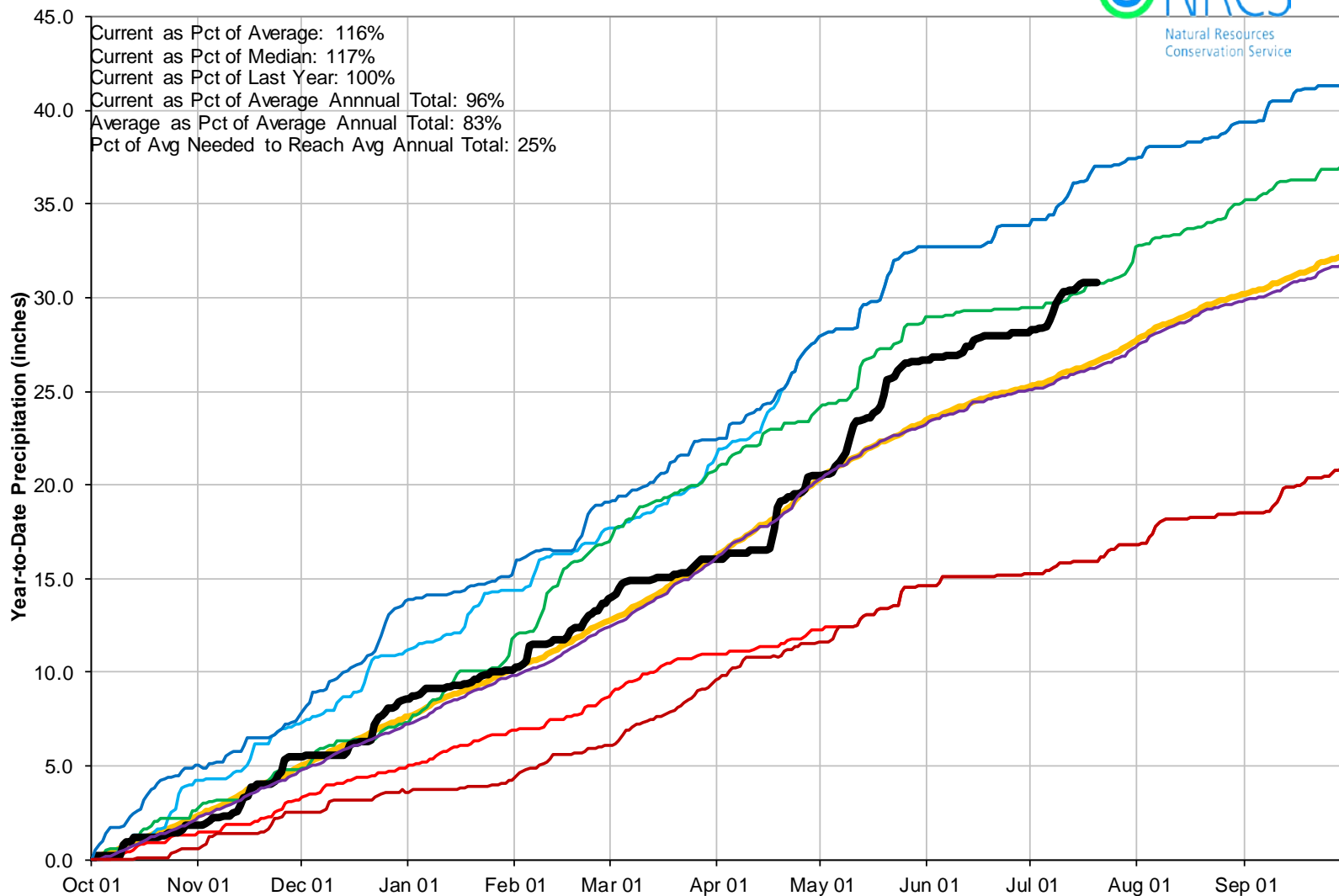
Based on Provisional SNOTEL data as of Jul 20, 2015





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

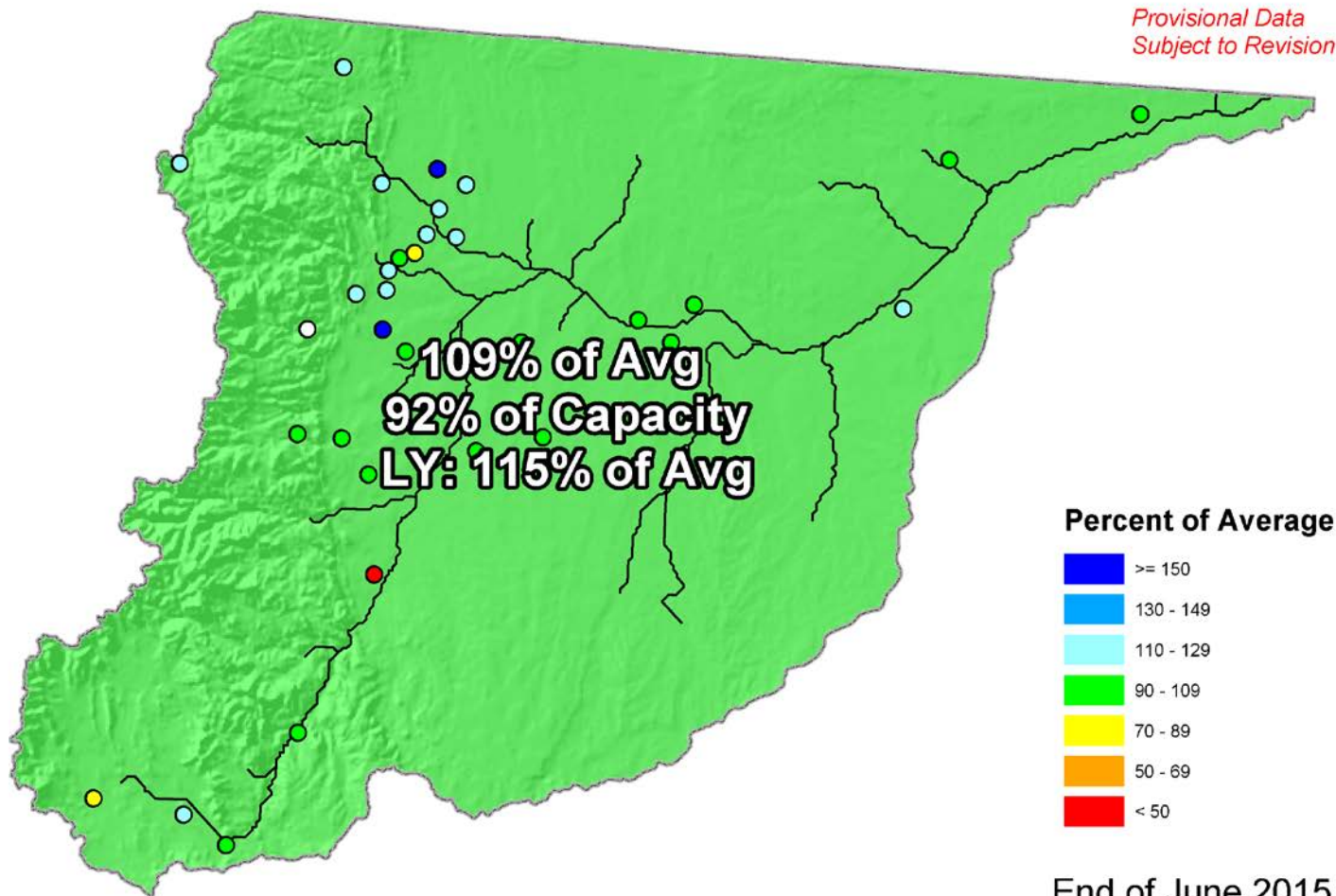
Based on Provisional SNOTEL data as of Jul 20, 2015



South Platte River Basin Reservoir Storage Map



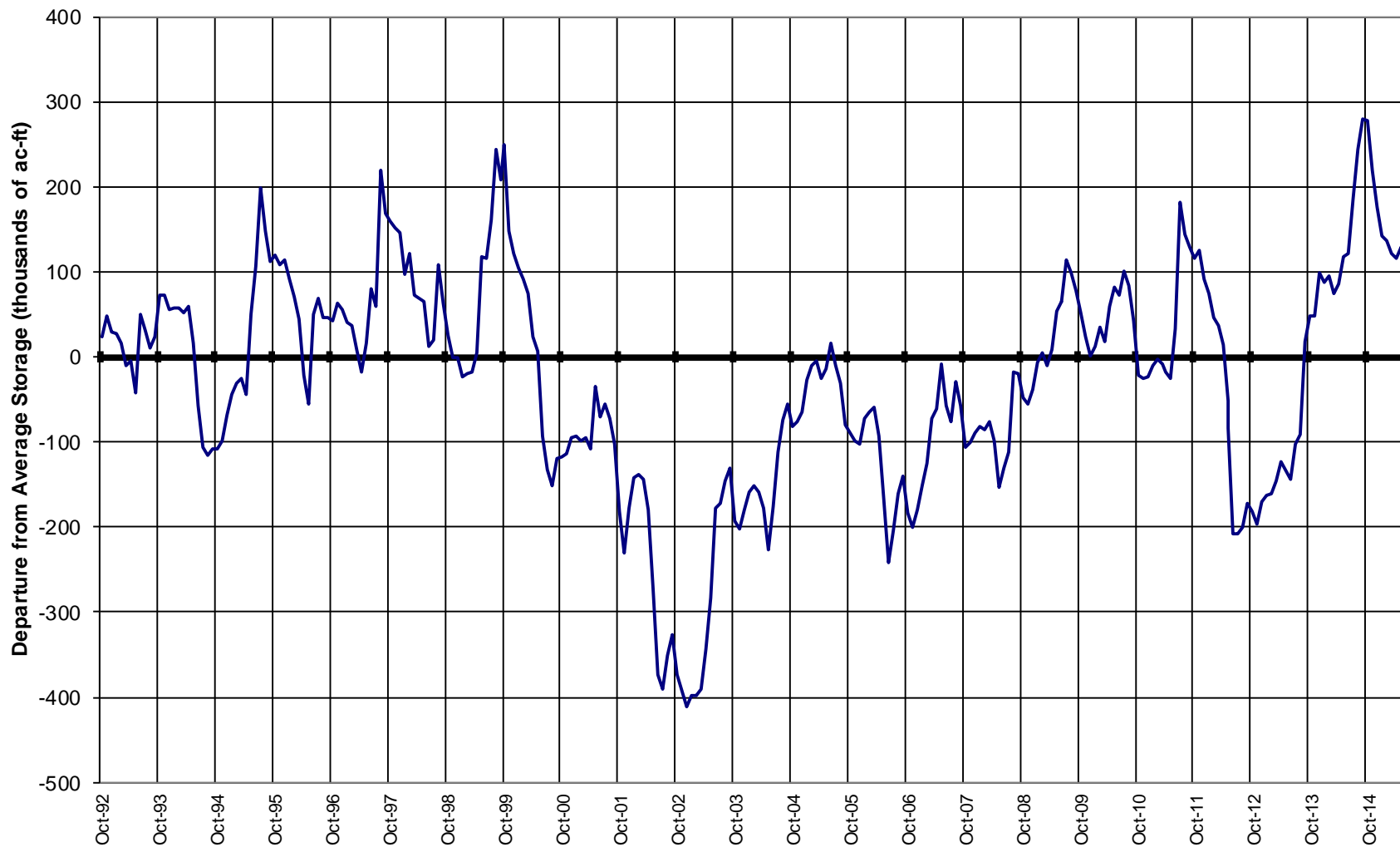
*Provisional Data
Subject to Revision*



End of June 2015



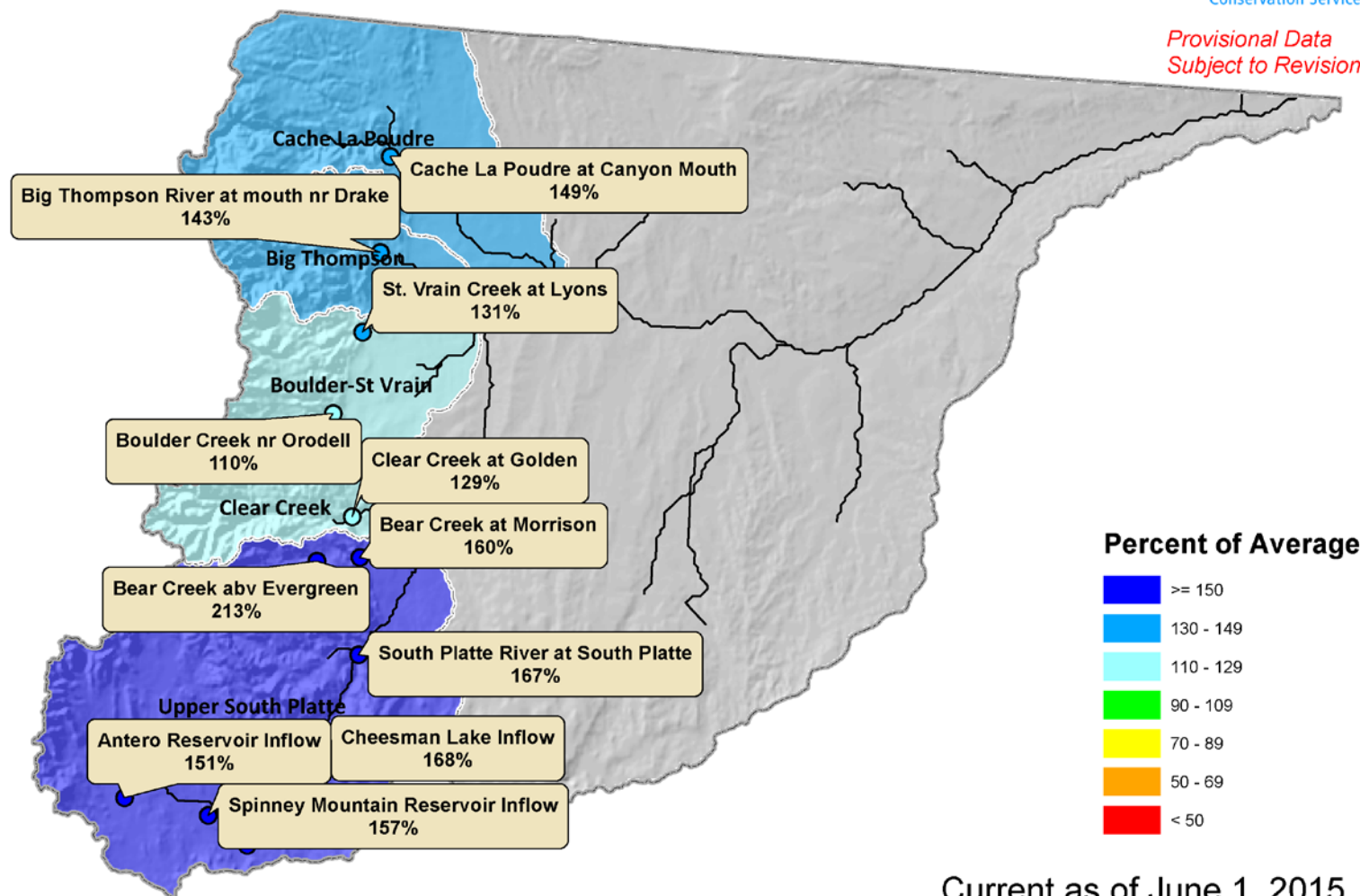
SOUTH PLATTE RIVER BASIN Reservoir Storage Departure from Average



South Platte River Basin Streamflow Forecast Map



*Provisional Data
Subject to Revision*



Current as of June 1, 2015

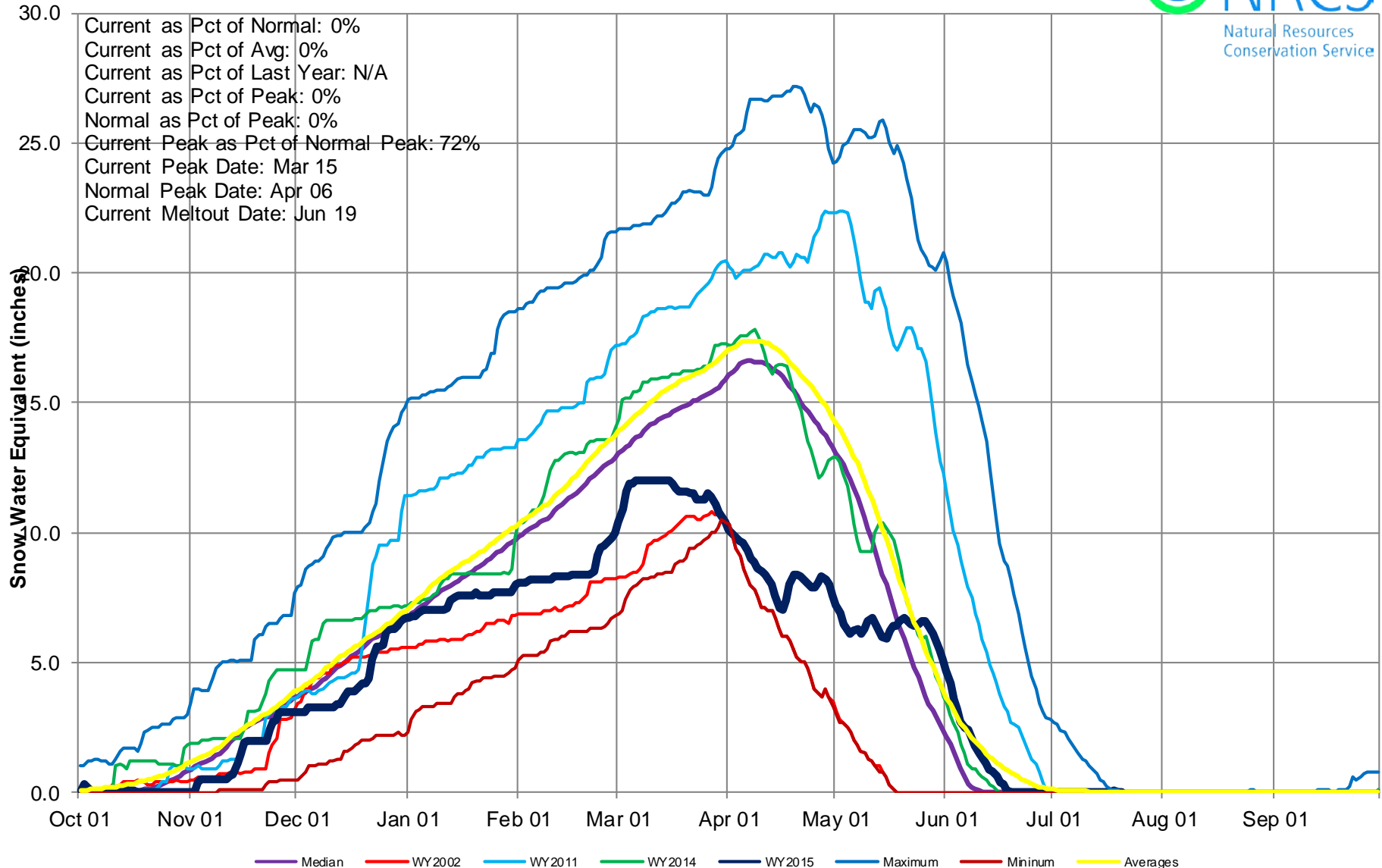
Gunnison River Basin Summary





Gunnison River Basin High/Low Snowpack Summary

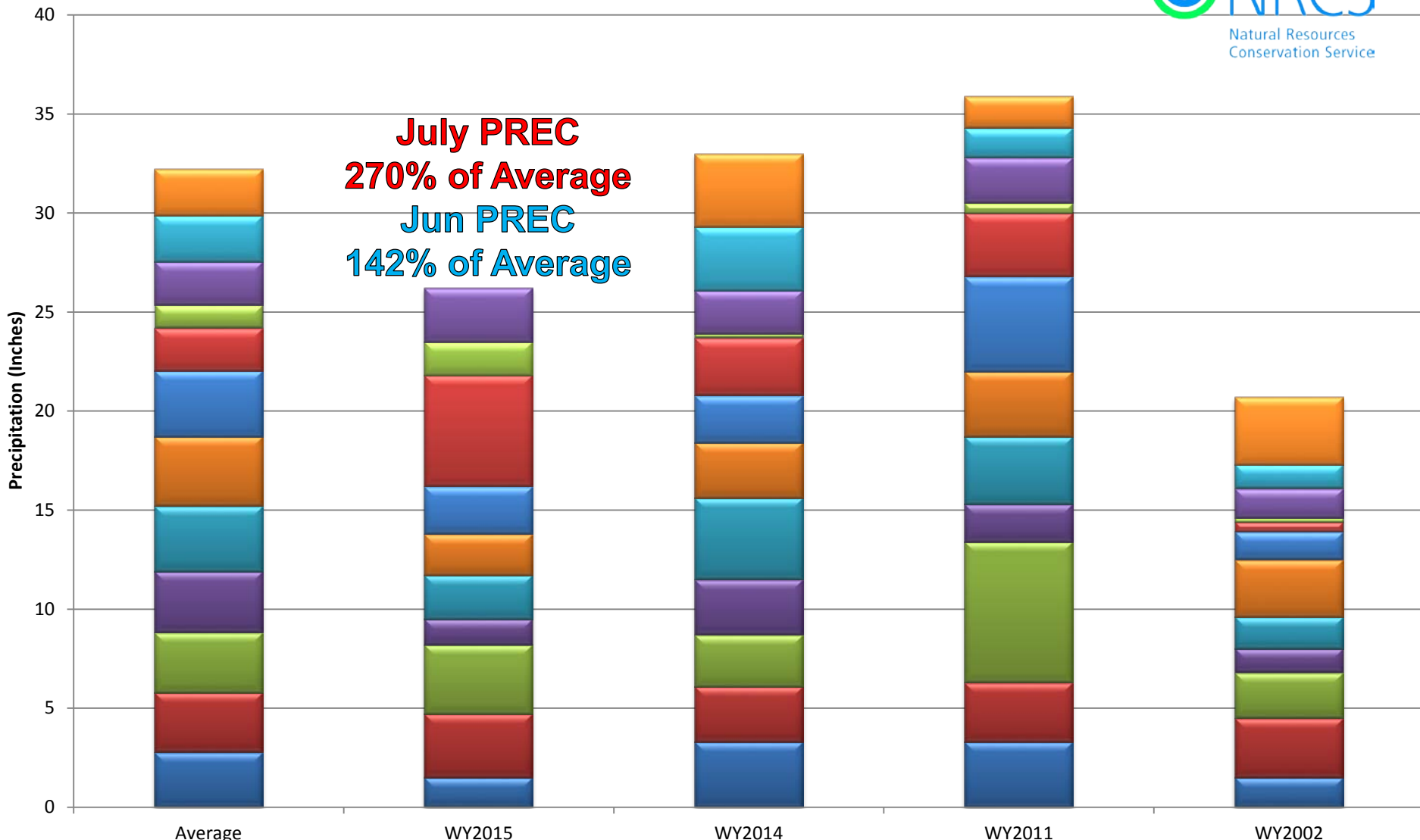
Based on Provisional SNOTEL data as of Jul 20, 2015





Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 20, 2015



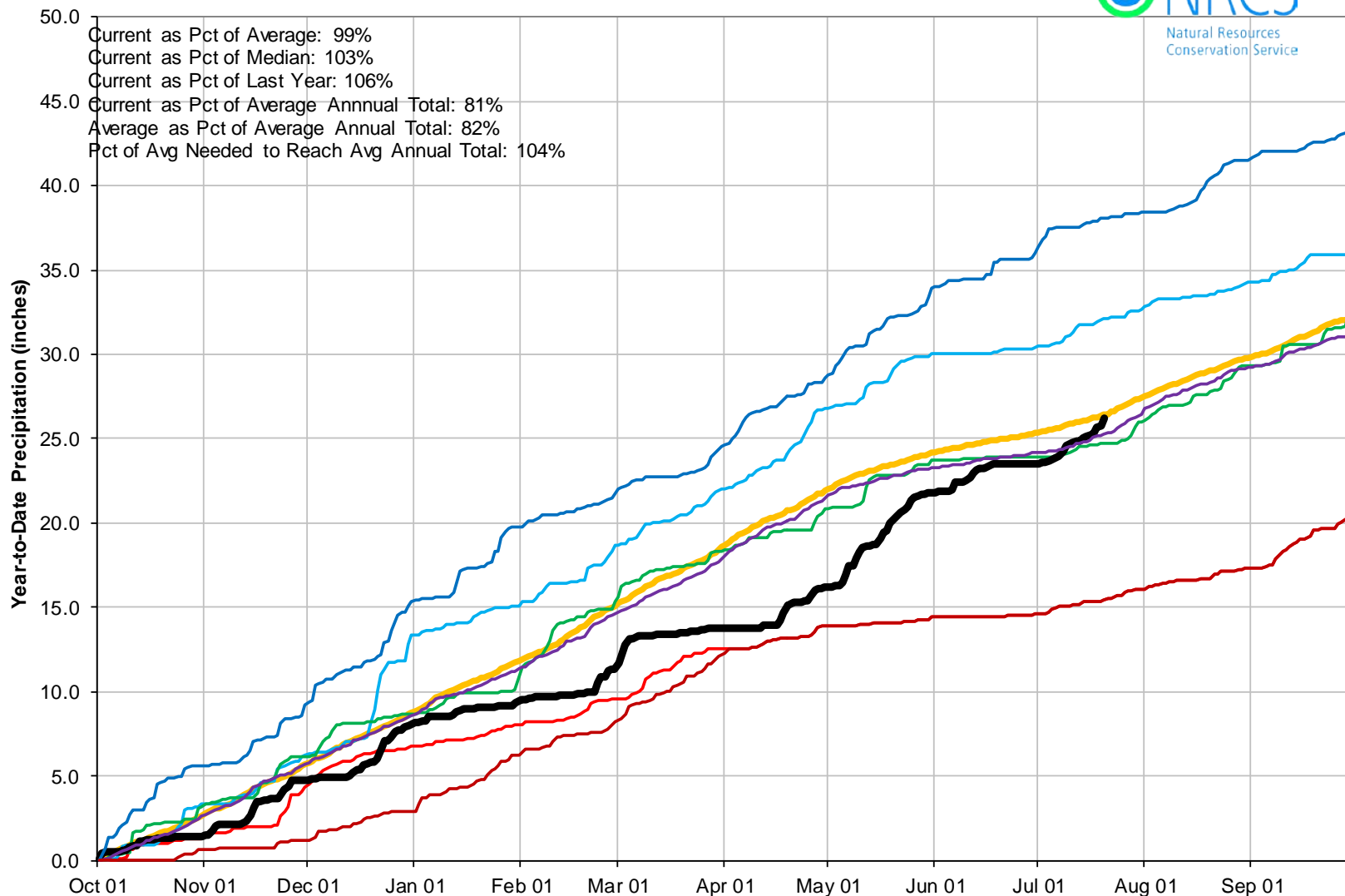


Gunnison River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 20, 2015



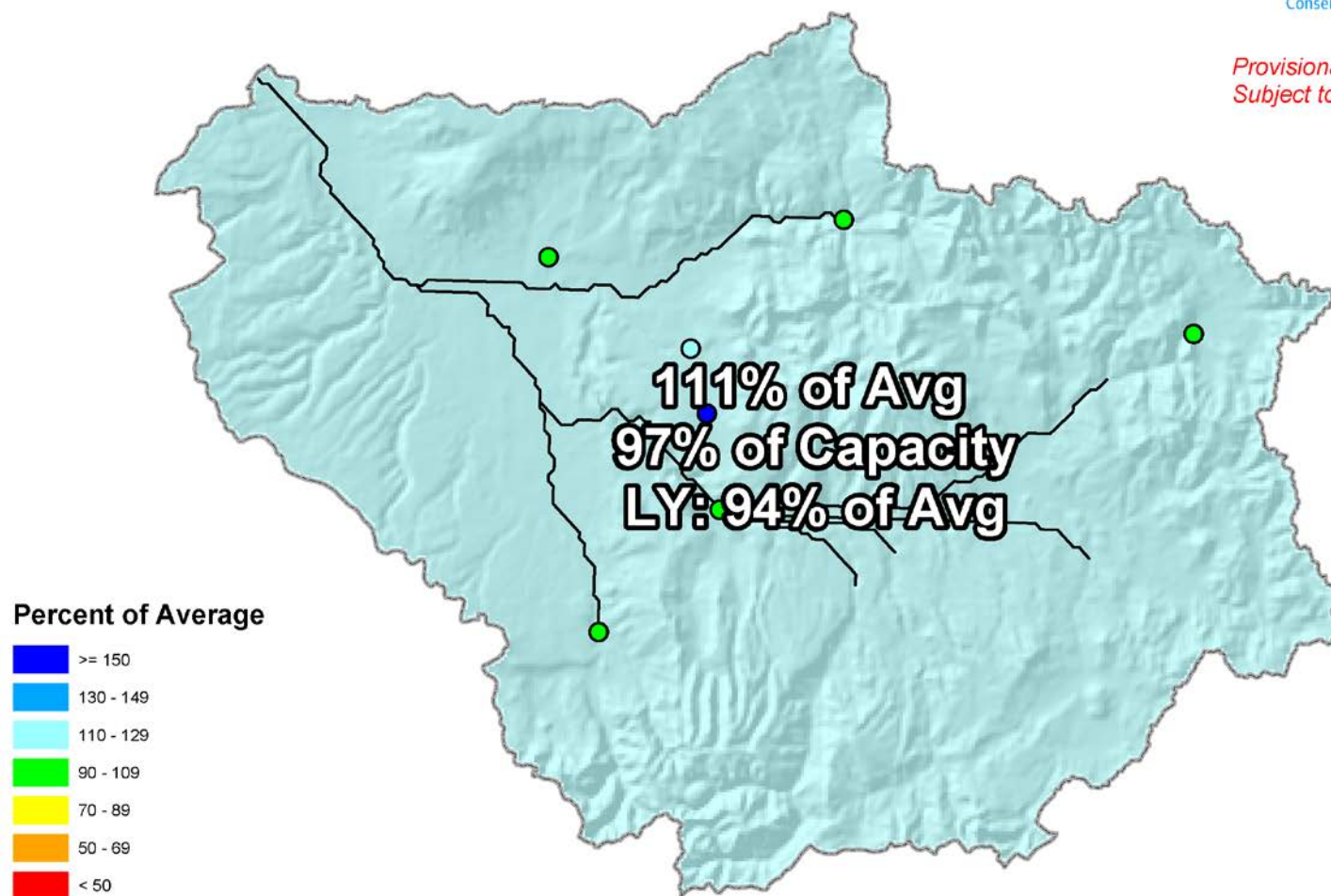
Natural Resources
Conservation Service



Gunnison River Basin Reservoir Storage Map



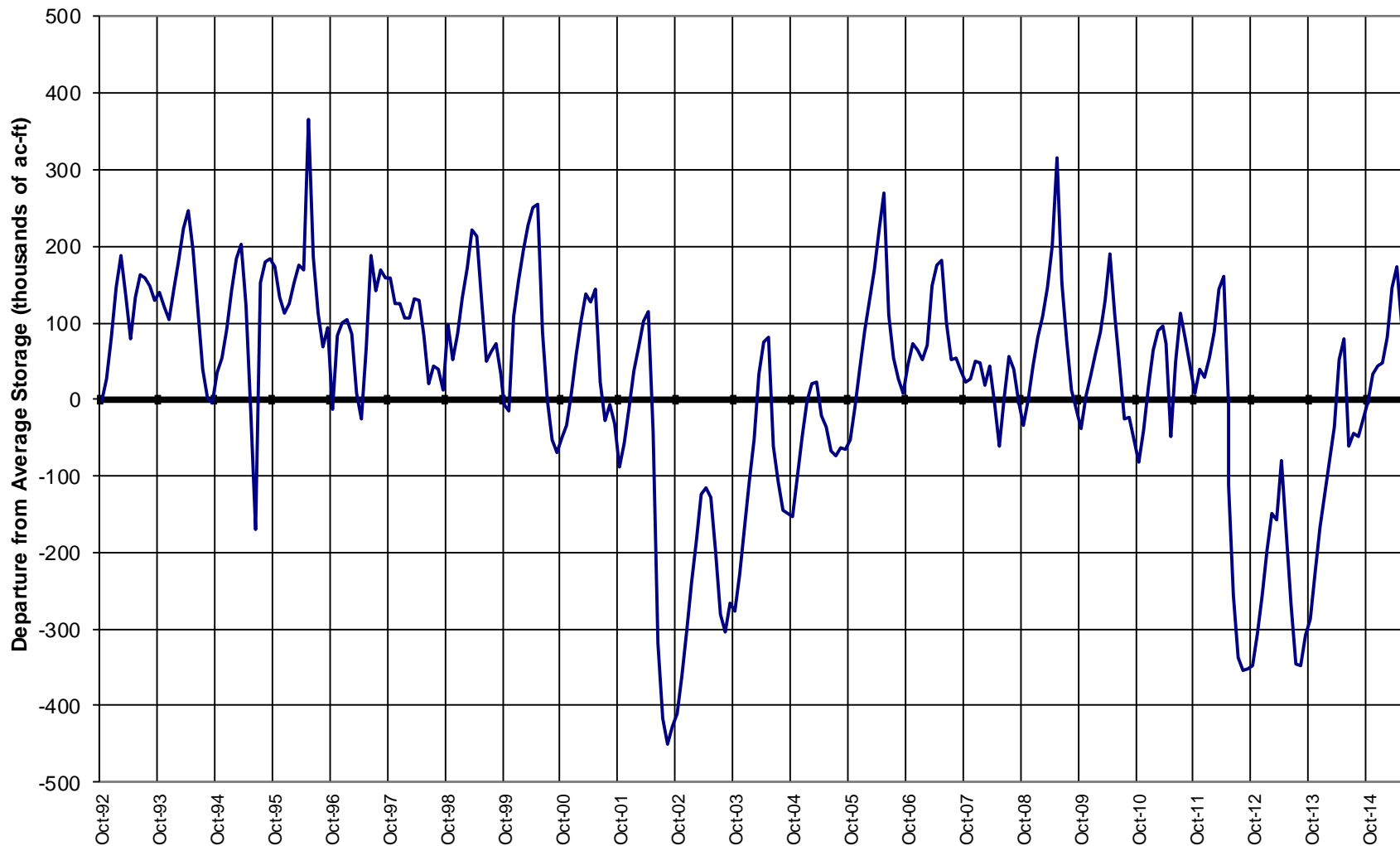
*Provisional Data
Subject to Revision*



End of June 2015



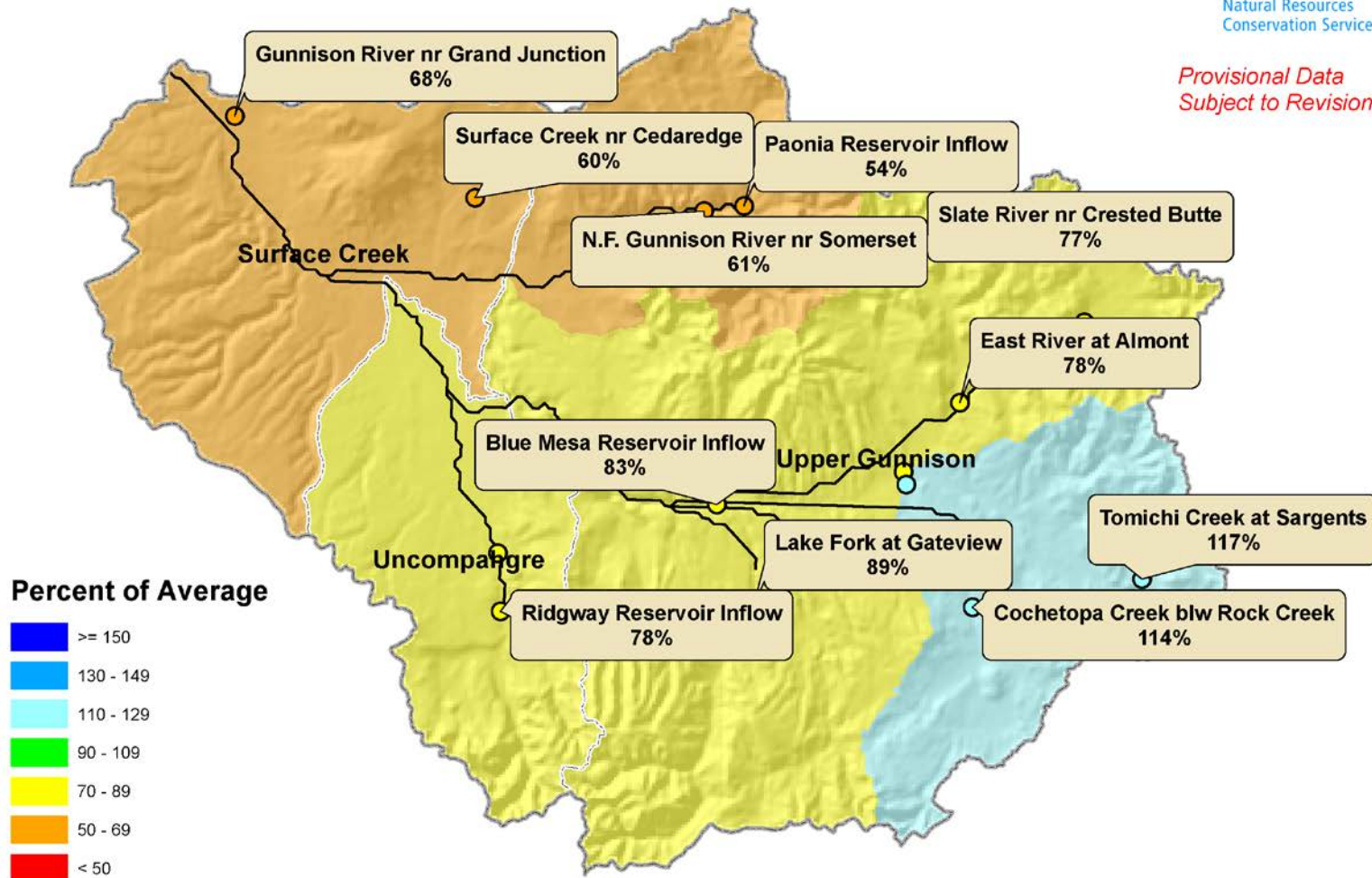
GUNNISON RIVER BASIN Reservoir Storage Departure from Average



Gunnison River Basin Streamflow Forecast Map



*Provisional Data
Subject to Revision*

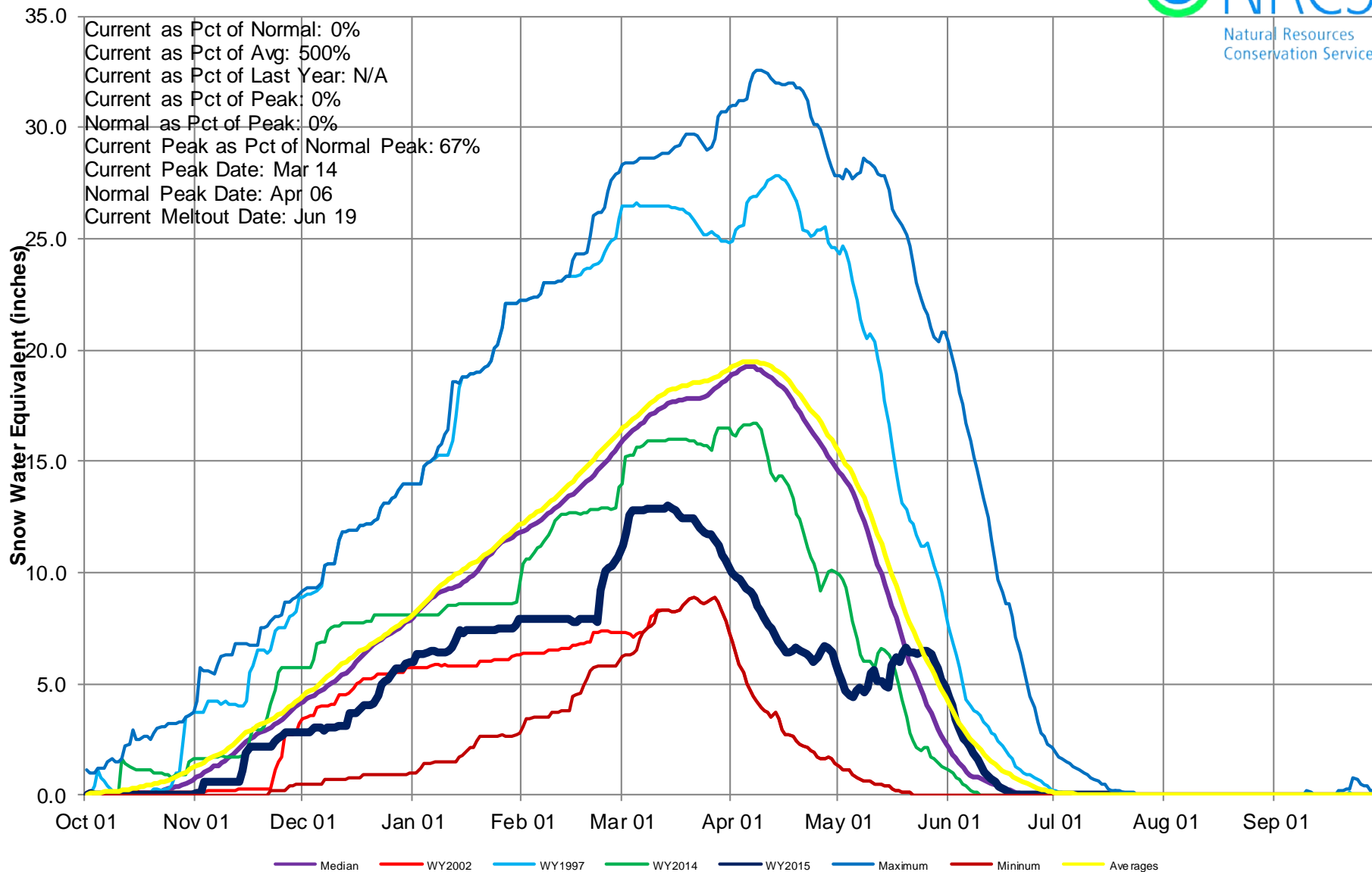


Current as of June 1, 2015



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

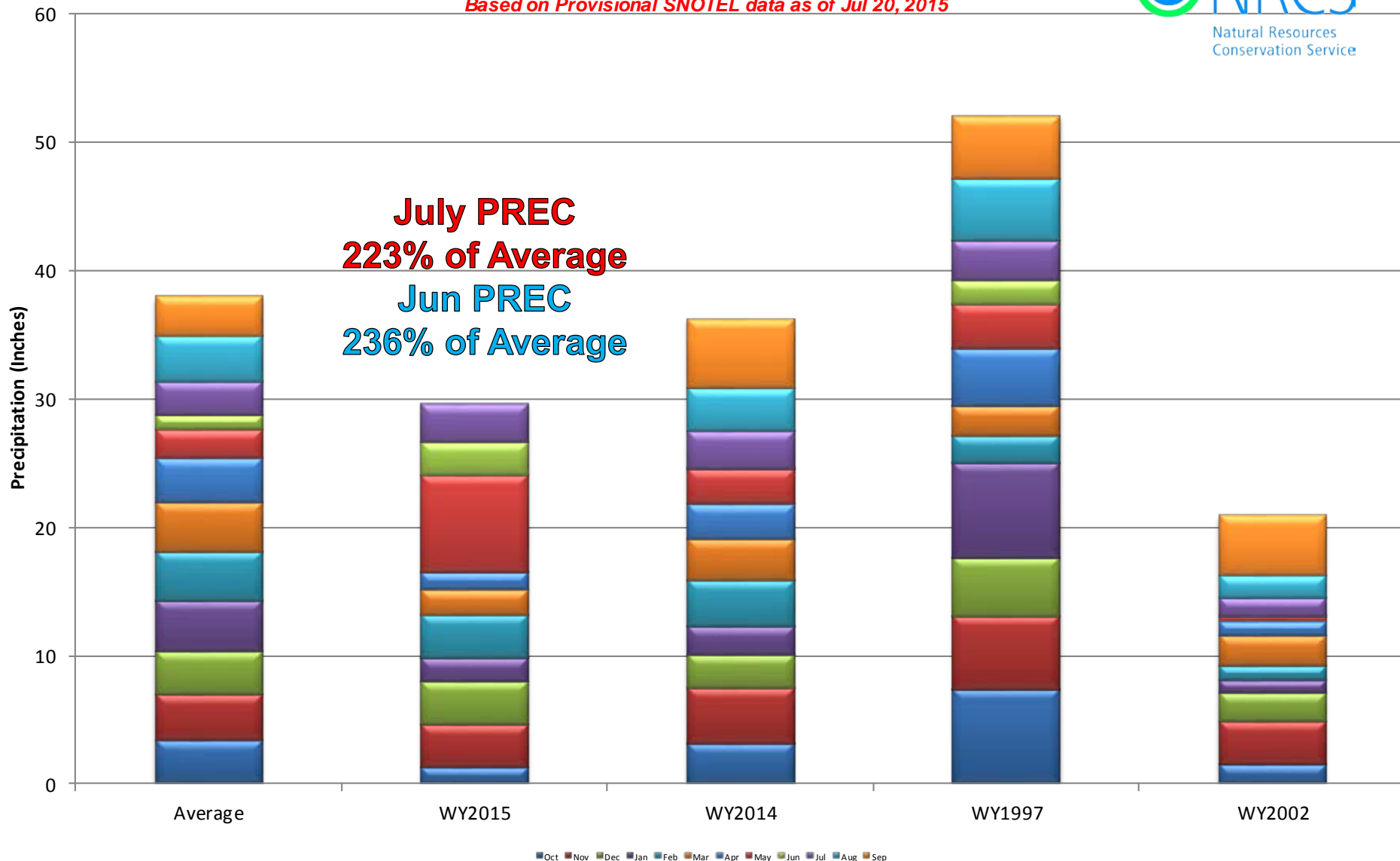
Based on Provisional SNOTEL data as of Jul 20, 2015





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

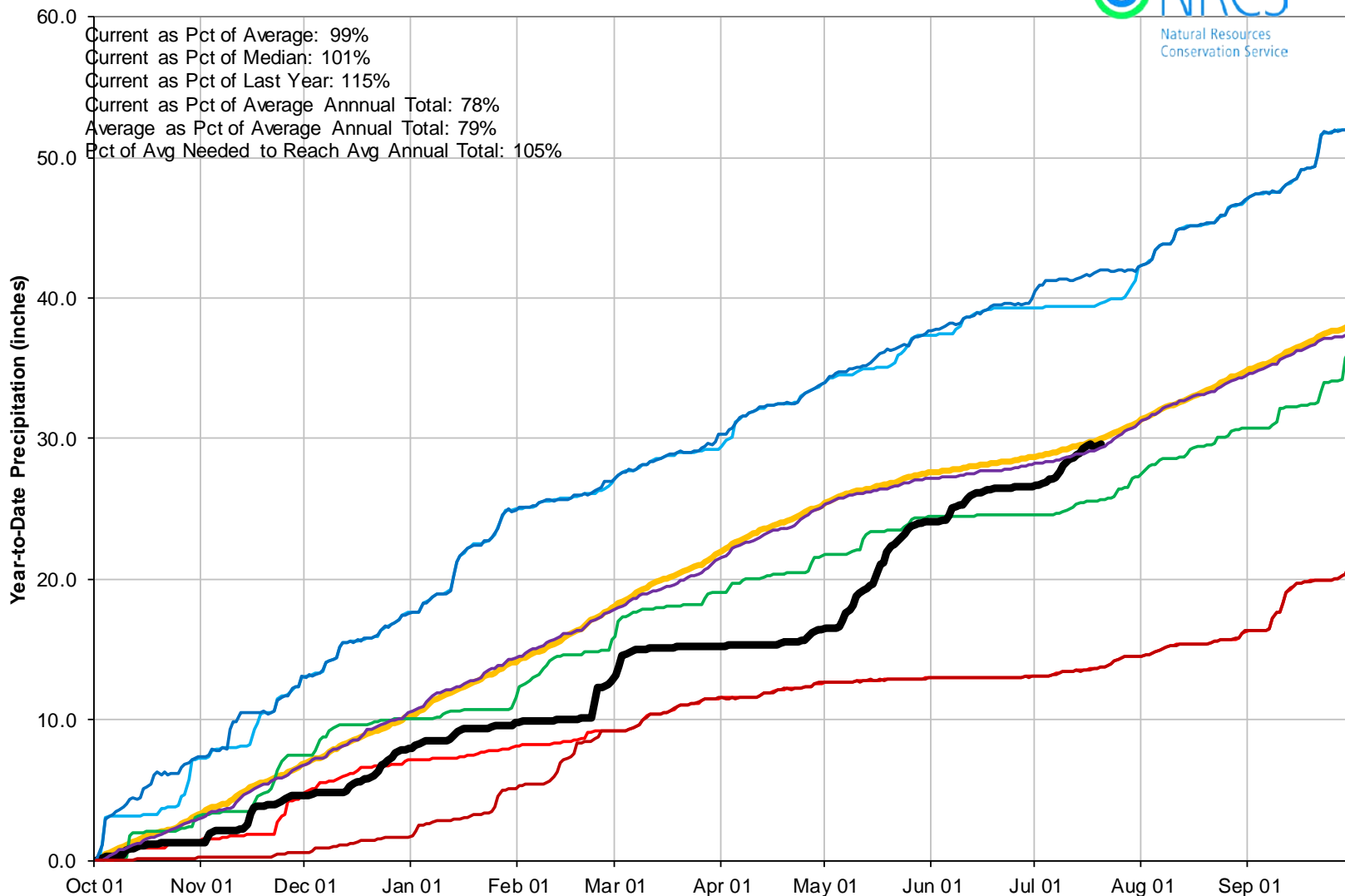
Based on Provisional SNOTEL data as of Jul 20, 2015





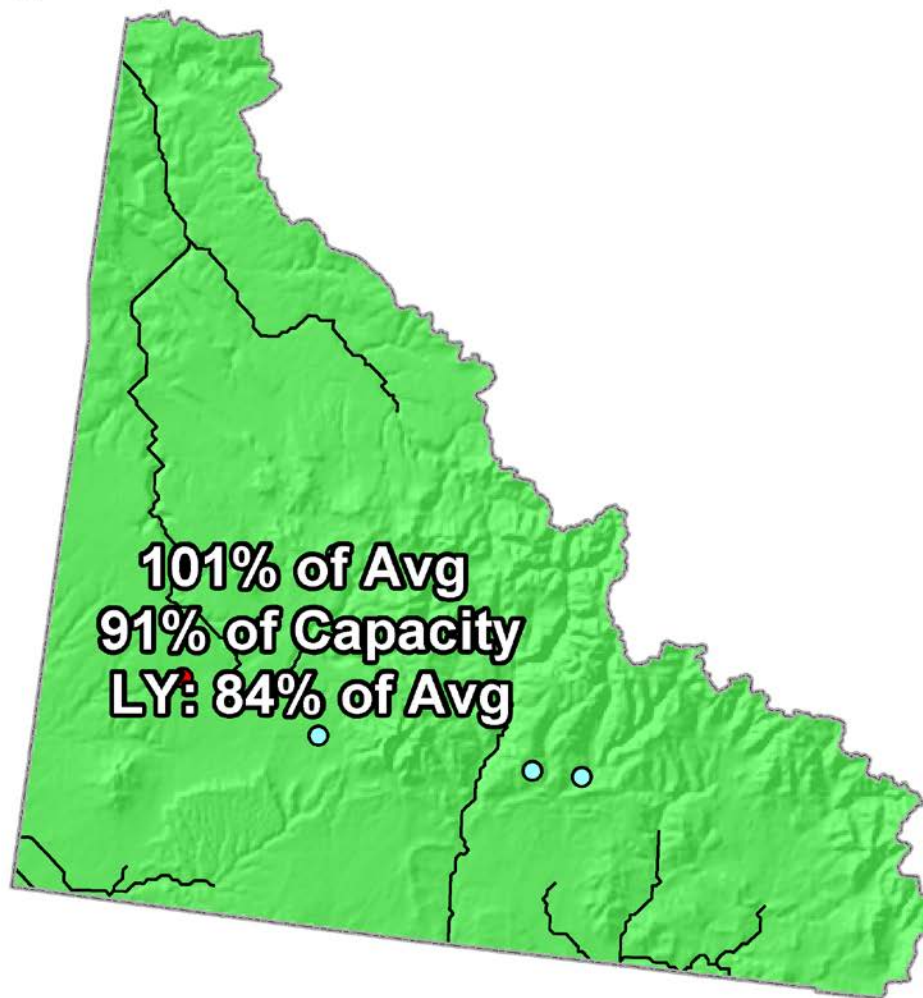
San Miguel, Dolores, Animas & San Juan River Basins High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 20, 2015



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

Percent of Average



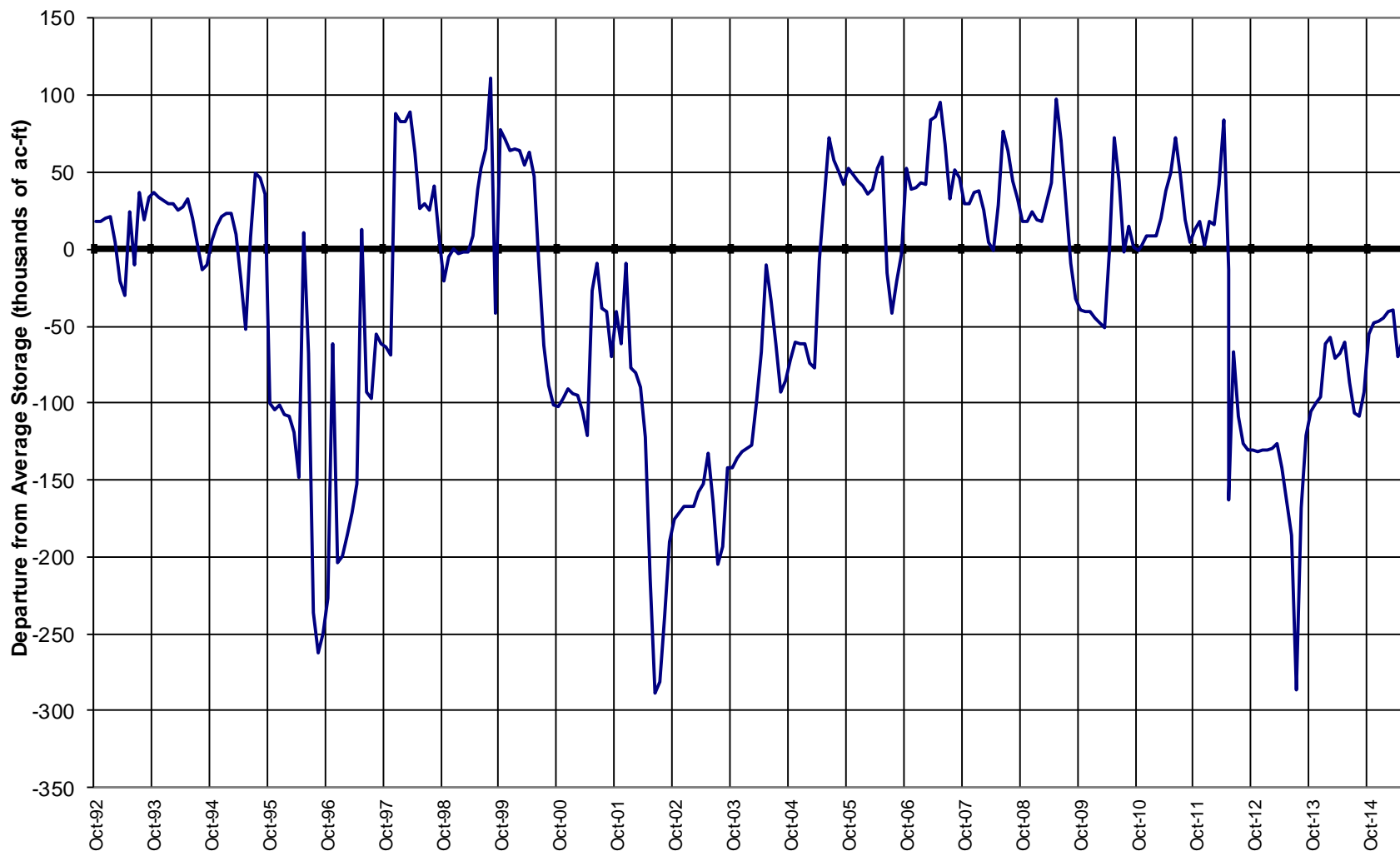
*Provisional Data
Subject to Revision*

End of June 2015



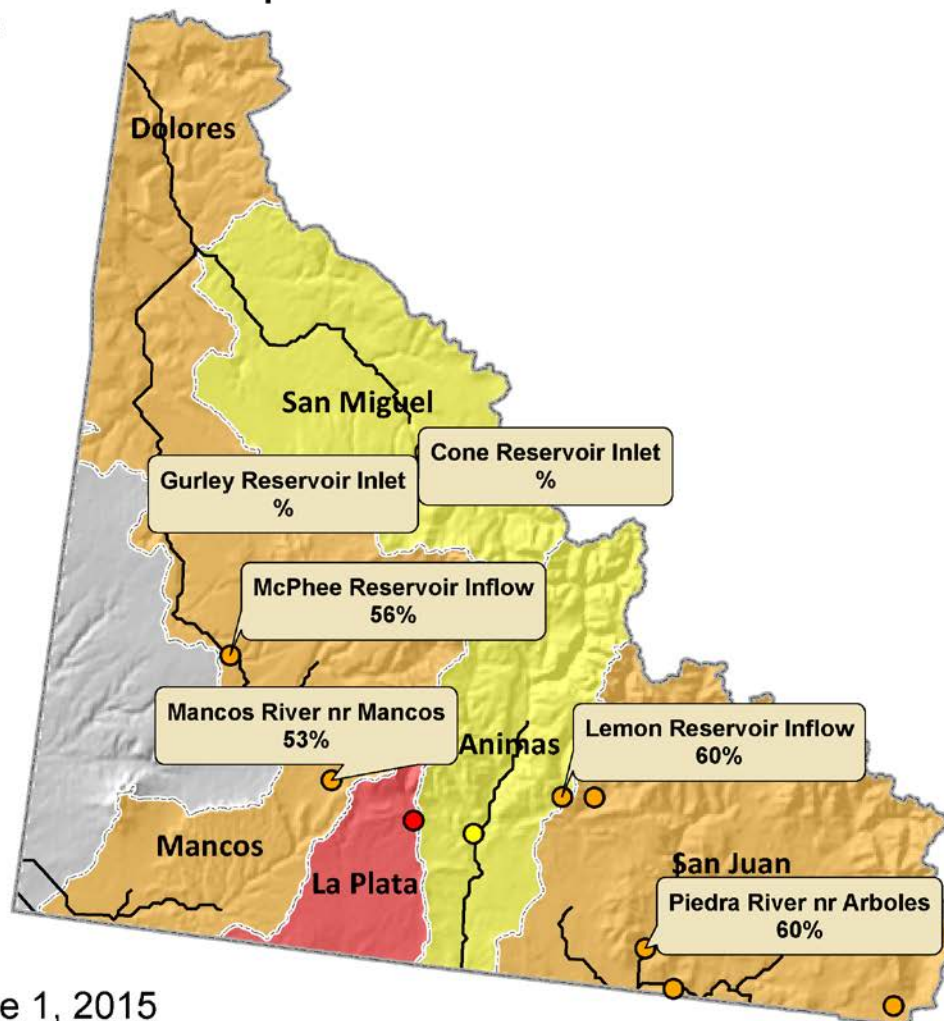
SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS

Reservoir Storage
Departure from Average



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

Percent of Average



*Provisional Data
Subject to Revision*

Current as of June 1, 2015

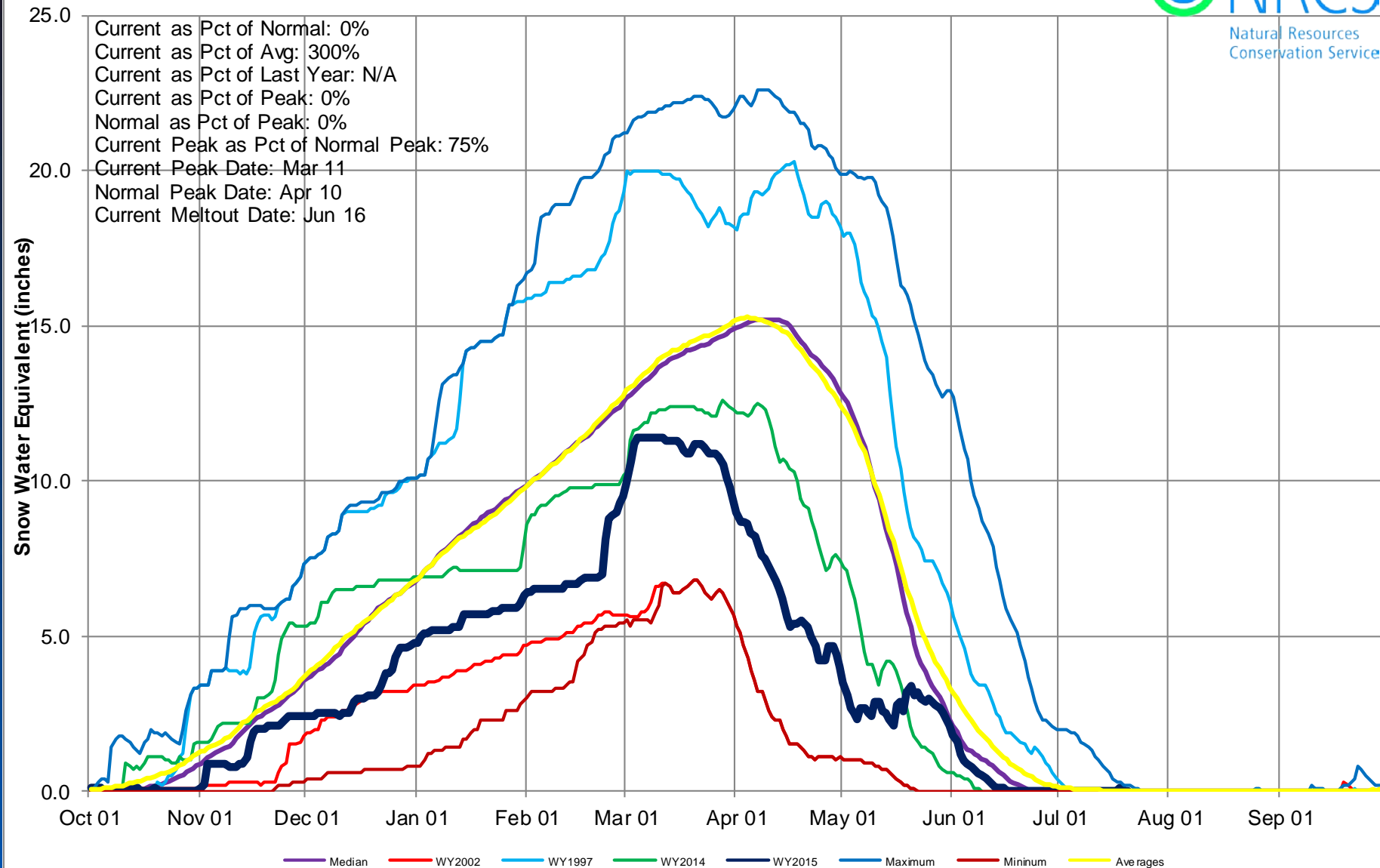
Upper Rio Grande Basin Summary





Upper Rio Grande Basin High/Low Snowpack Summary

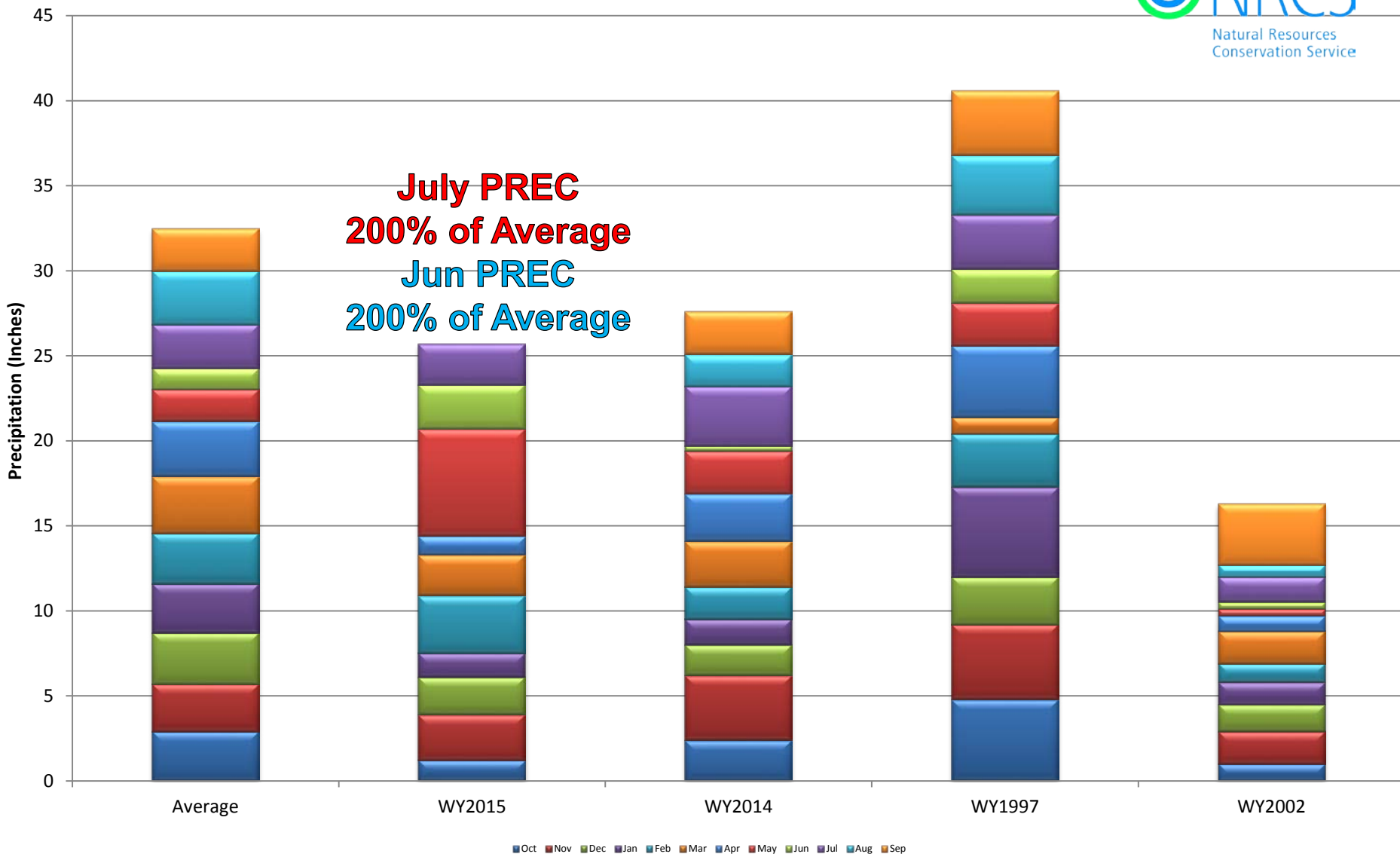
Based on Provisional SNOTEL data as of Jul 20, 2015





Upper Rio Grande Basin High/Low Monthly Precipitation Summary

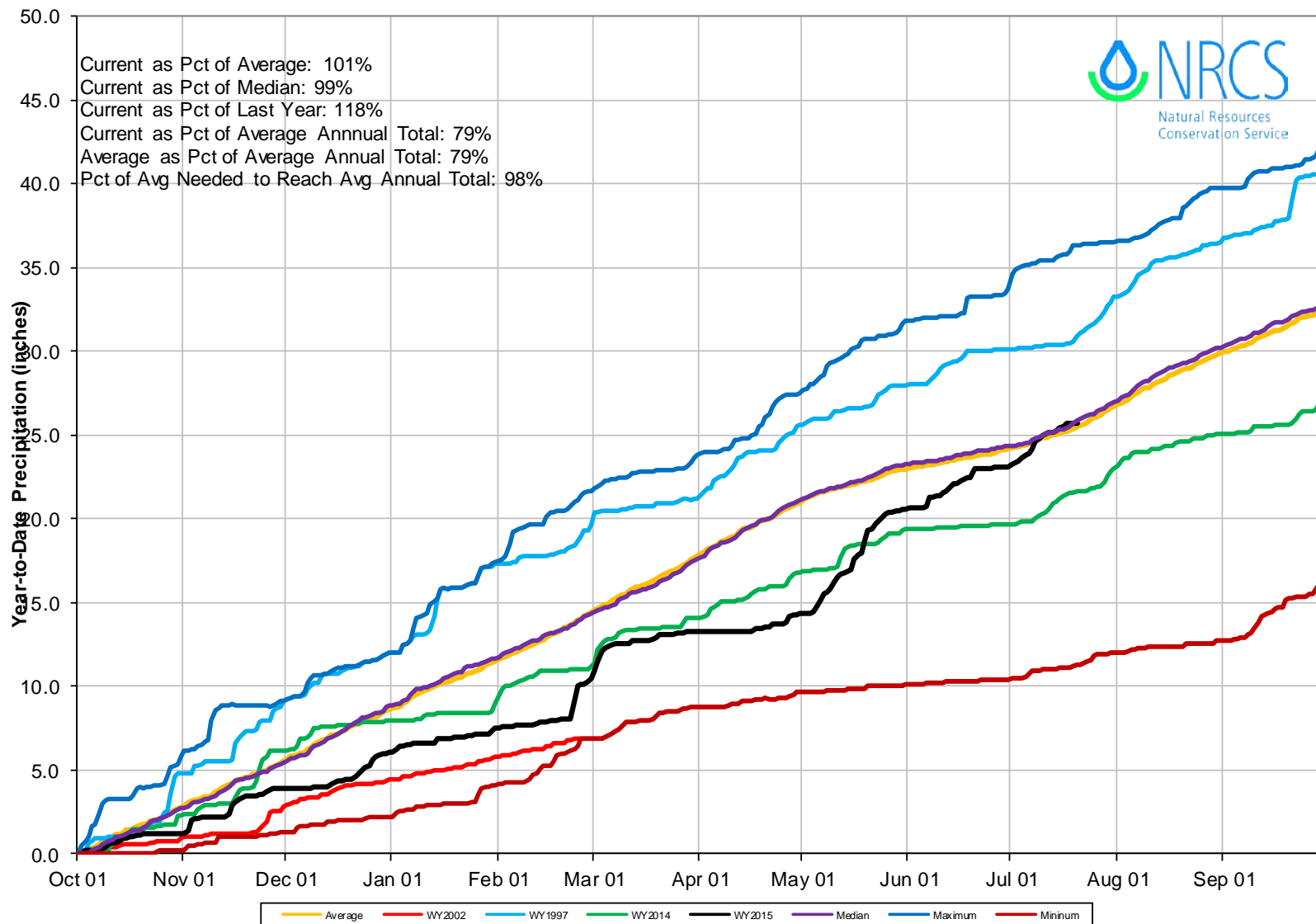
Based on Provisional SNOTEL data as of Jul 20, 2015





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

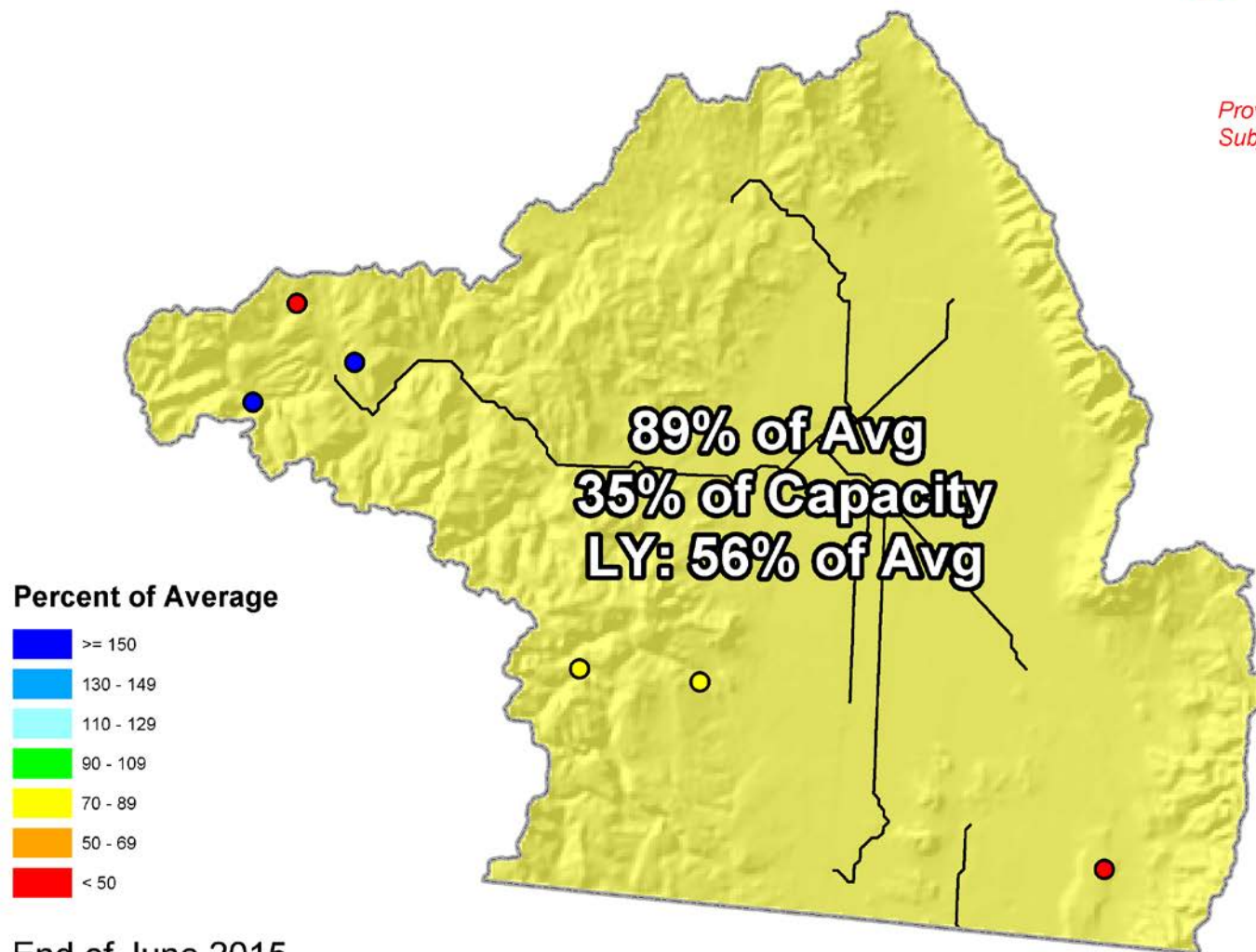
Based on Provisional SNOTEL data as of Jul 20, 2015



Upper Rio Grande Basin Reservoir Storage Map



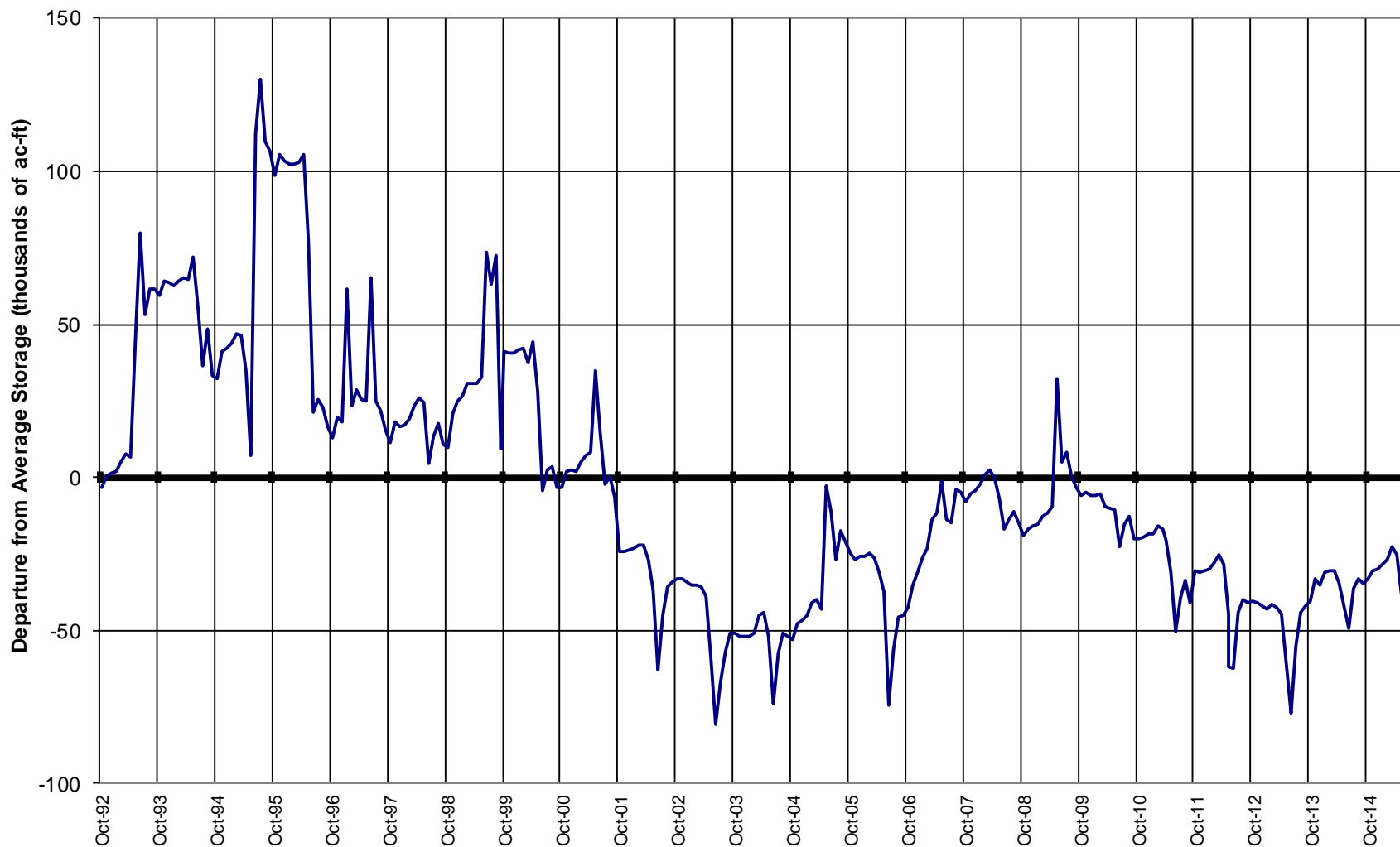
*Provisional Data
Subject to Revision*



End of June 2015



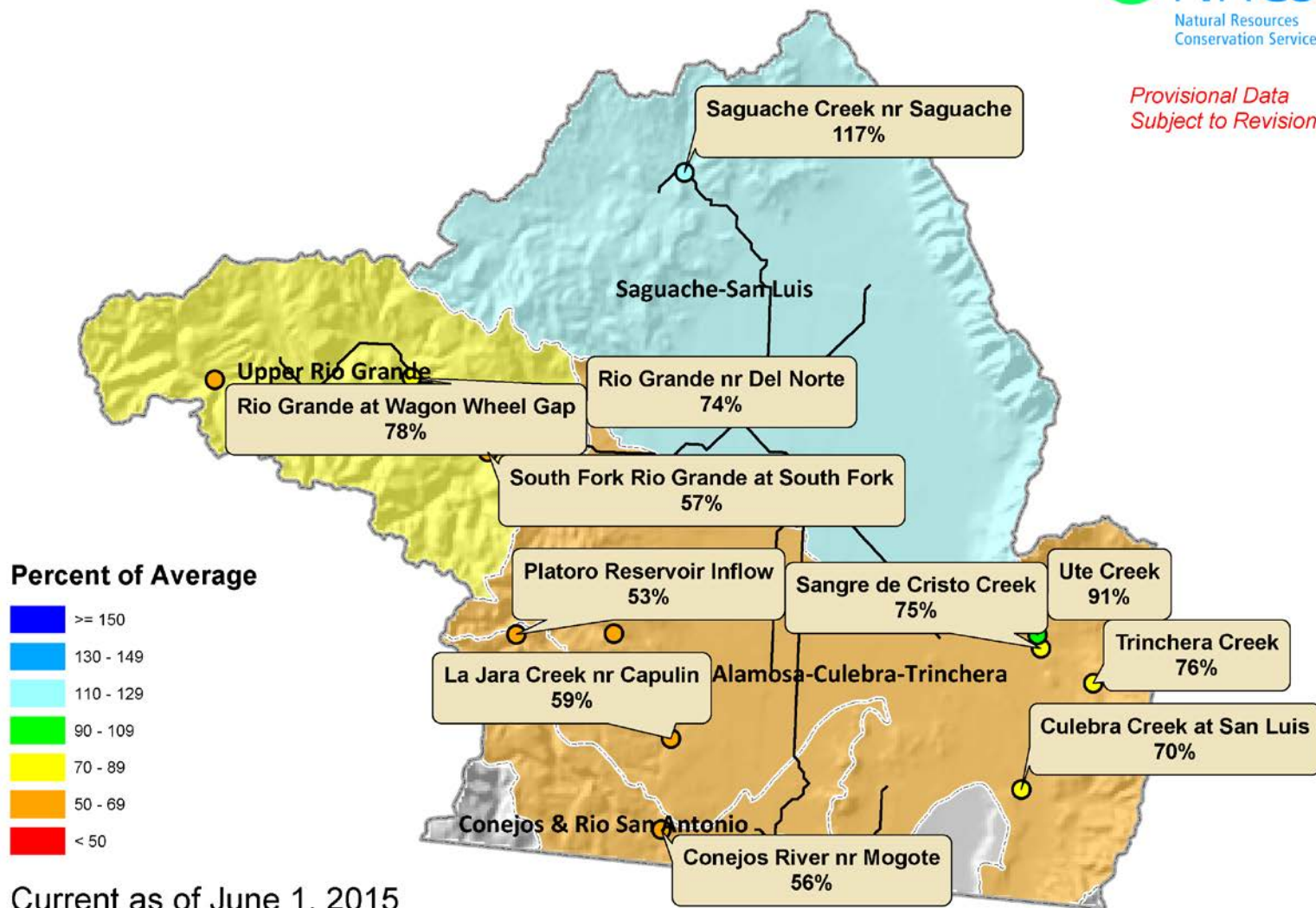
UPPER RIO GRANDE BASIN Reservoir Storage Departure from Average



Upper Rio Grande Basin Streamflow Forecast Map



*Provisional Data
Subject to Revision*



Current as of June 1, 2015

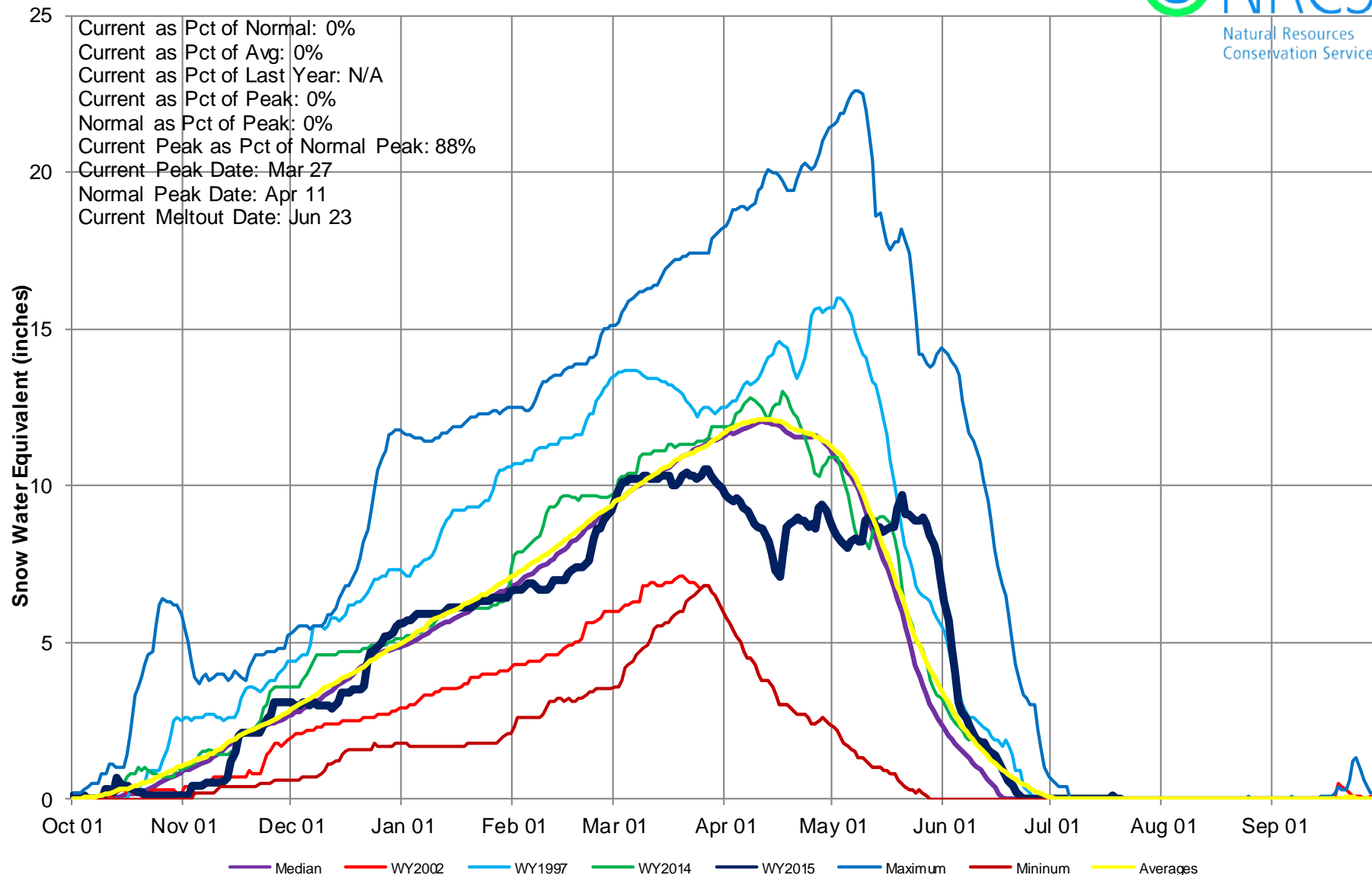
Arkansas River Basin Summary





Arkansas River Basin High/Low Snowpack Summary

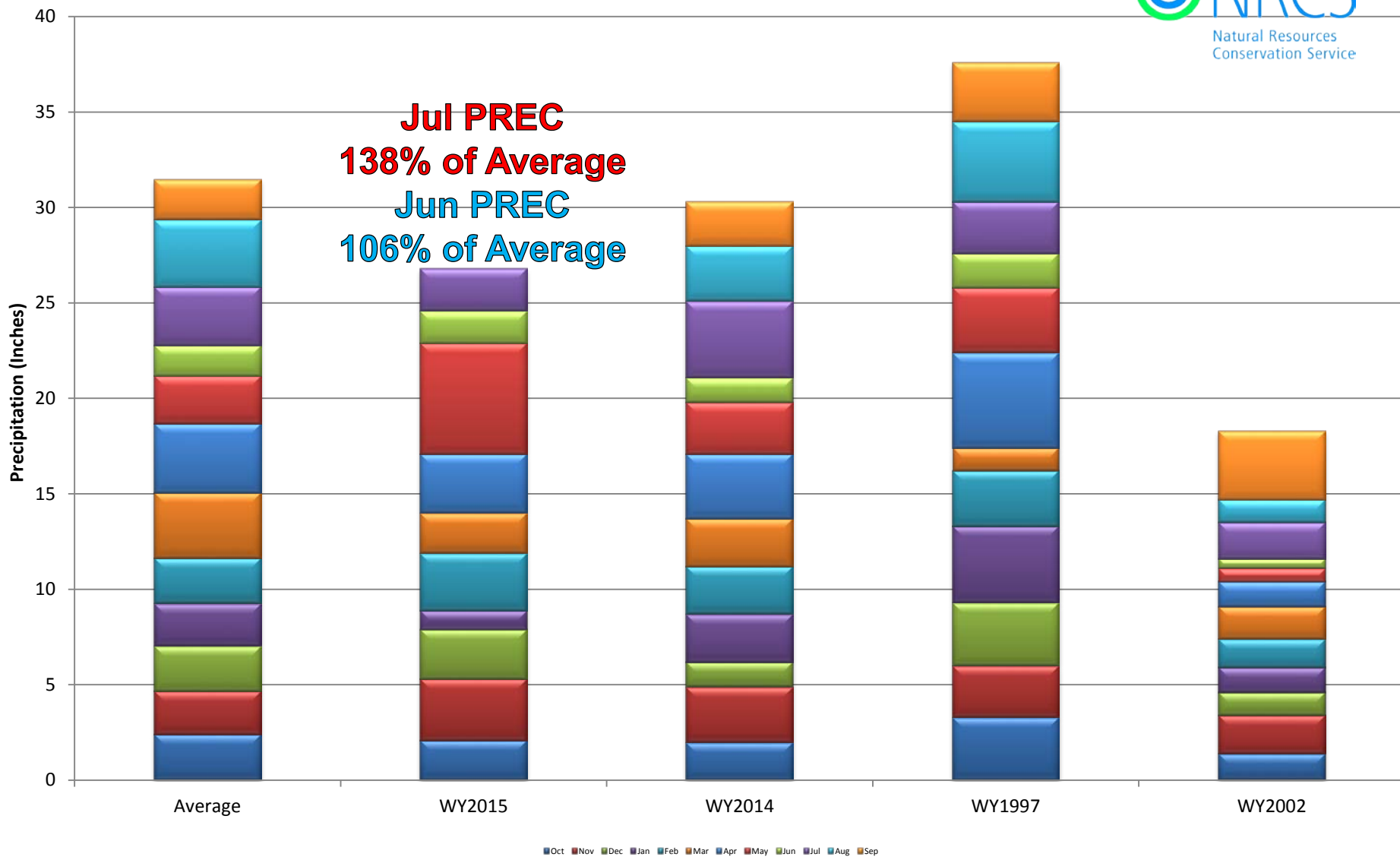
Based on Provisional SNOTEL data as of Jul 20, 2015





Arkansas River Basin High/Low Monthly Precipitation Summary

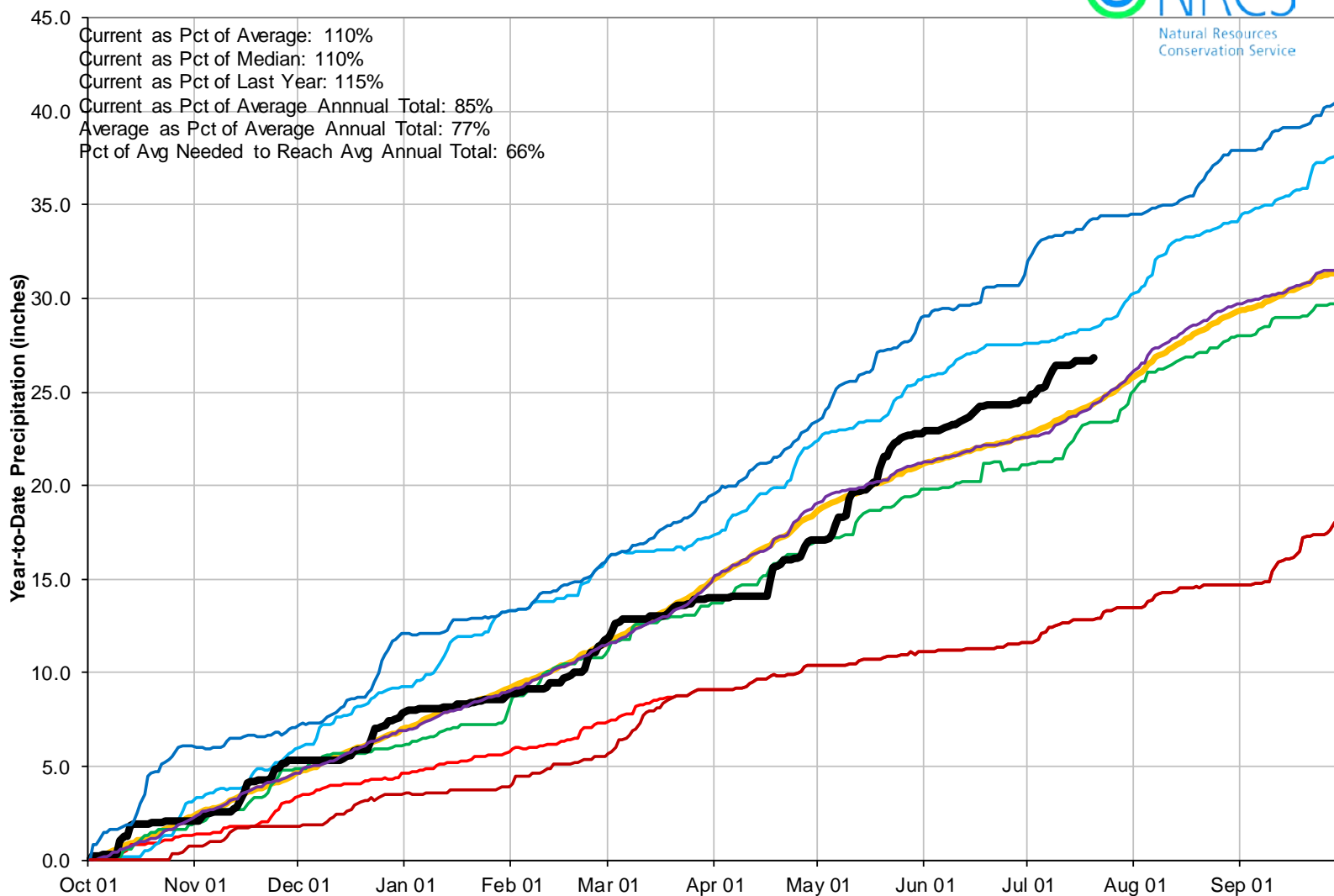
Based on Provisional SNOTEL data as of Jul 20, 2015





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

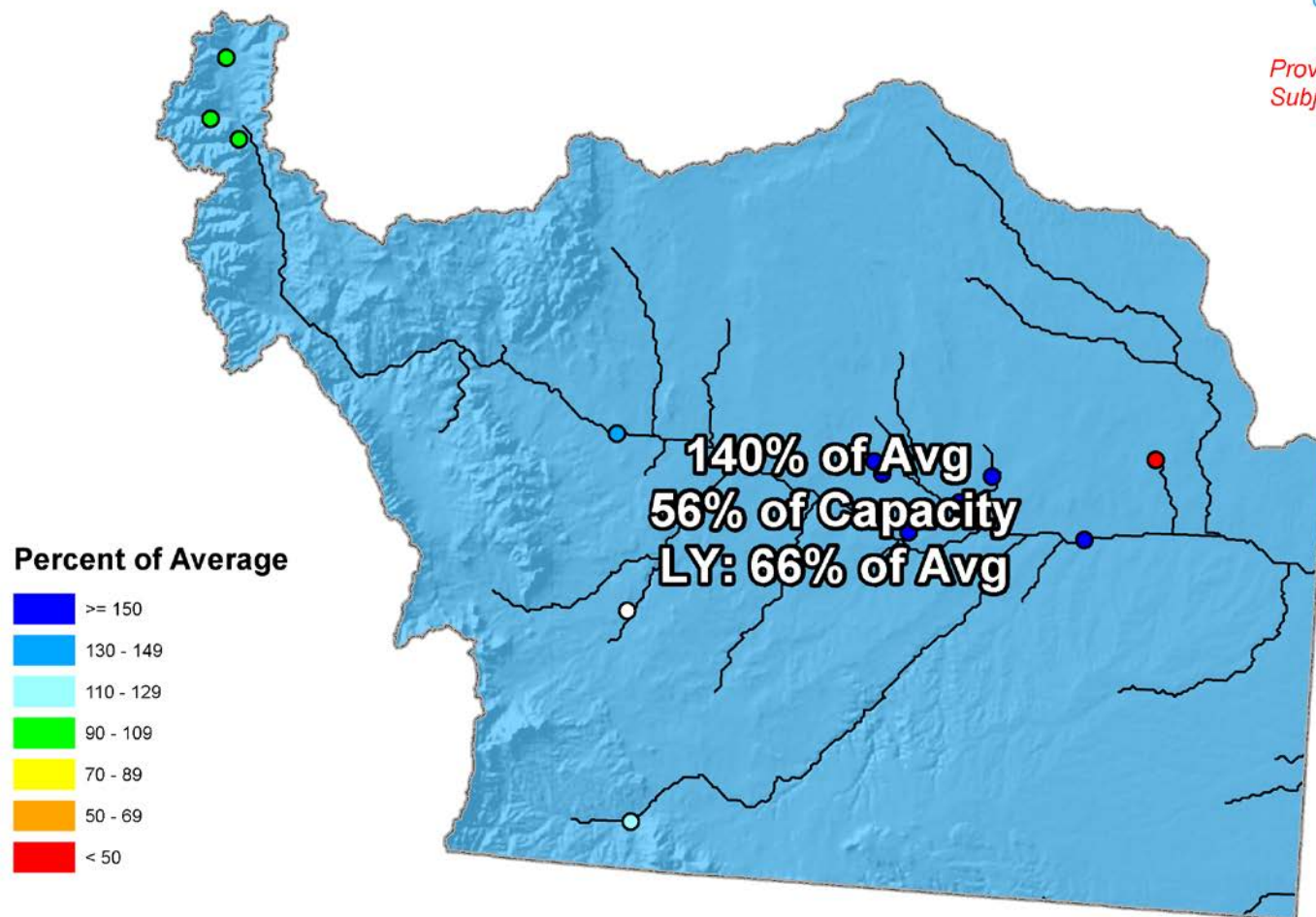
Based on Provisional SNOTEL data as of Jul 20, 2015



Arkansas River Basin Reservoir Storage Map



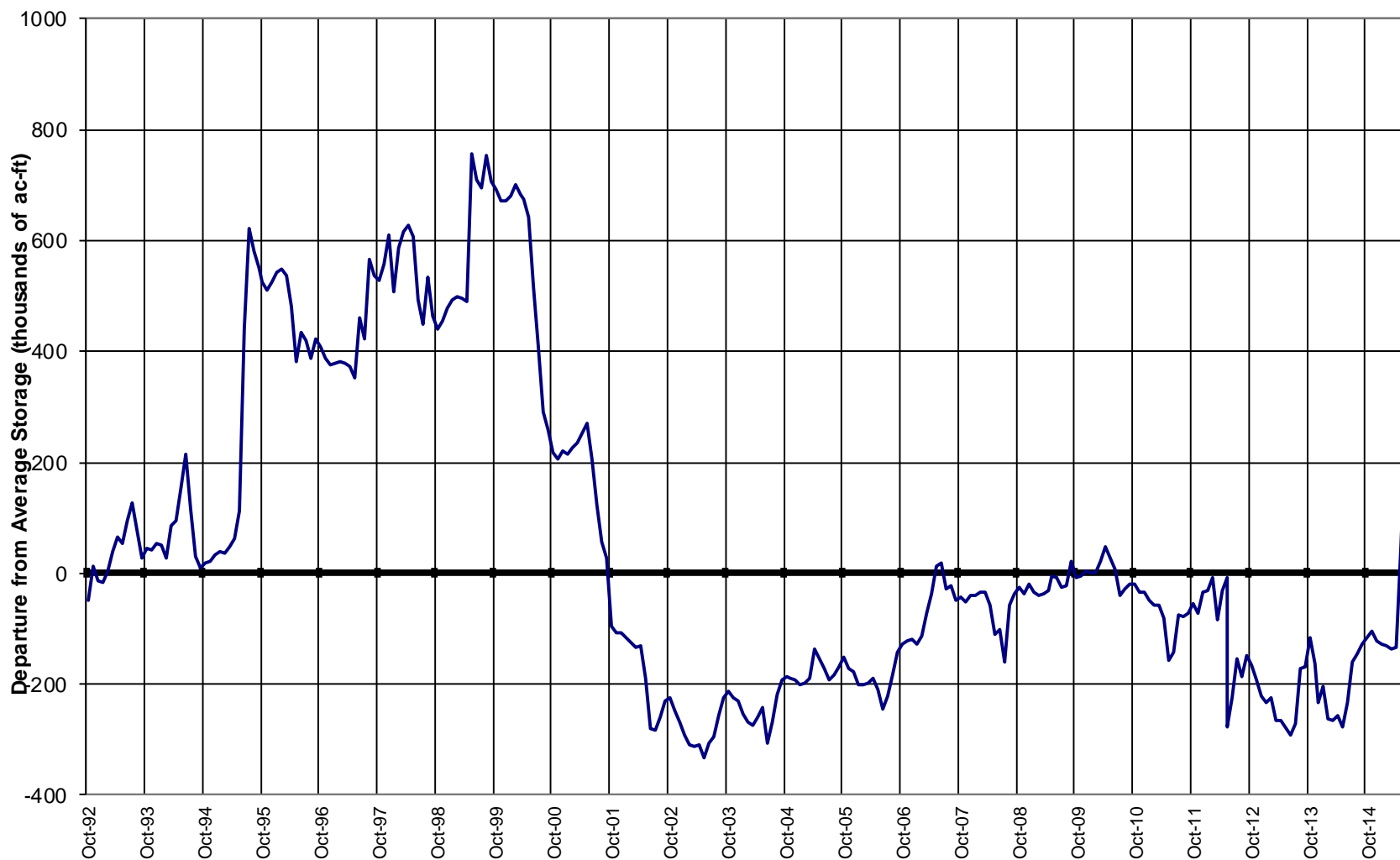
*Provisional Data
Subject to Revision*



End of June 2015



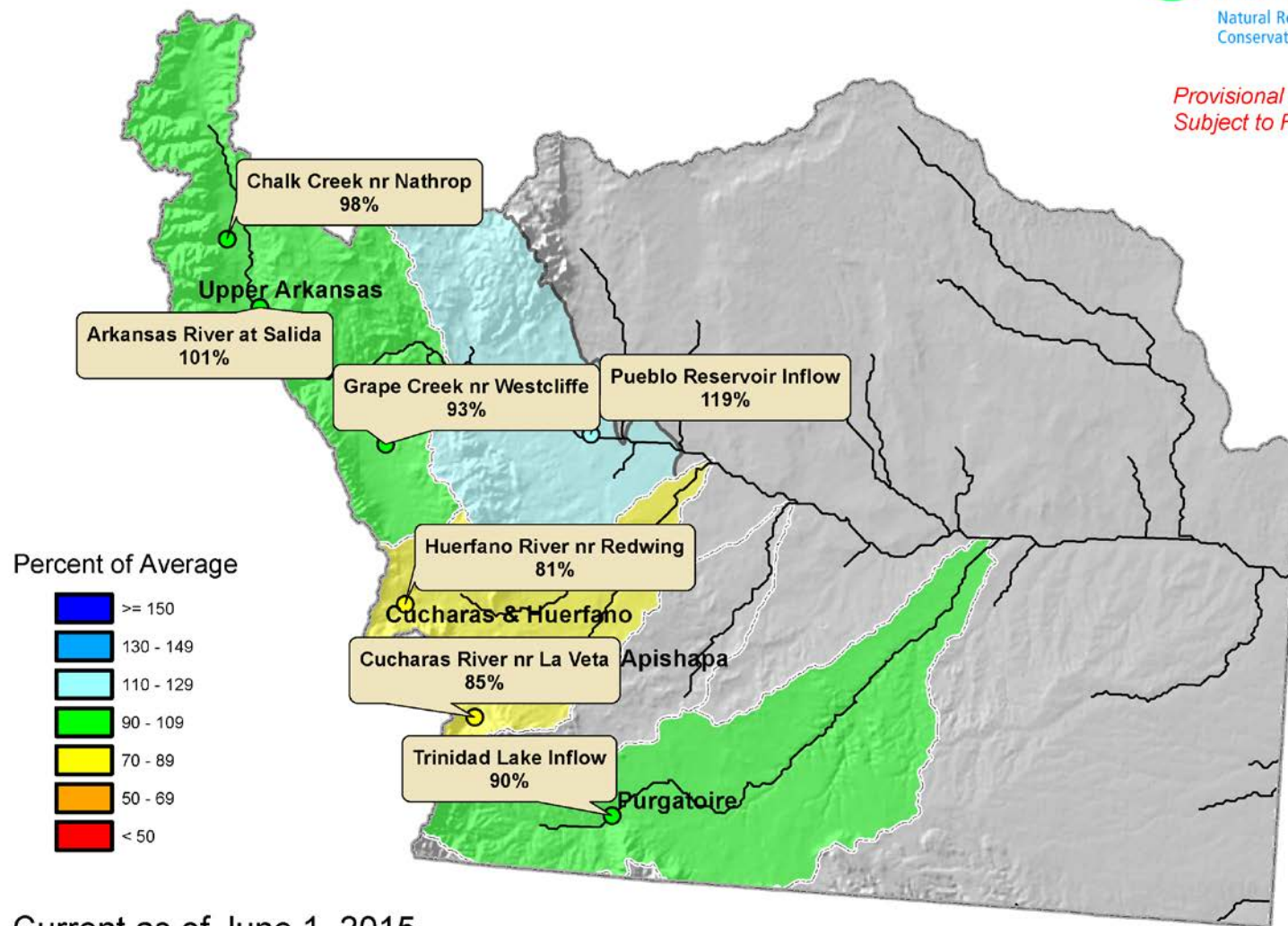
ARKANSAS RIVER BASIN Reservoir Storage Departure from Average



Arkansas River Basin Streamflow Forecast Map



*Provisional Data
Subject to Revision*



Current as of June 1, 2015

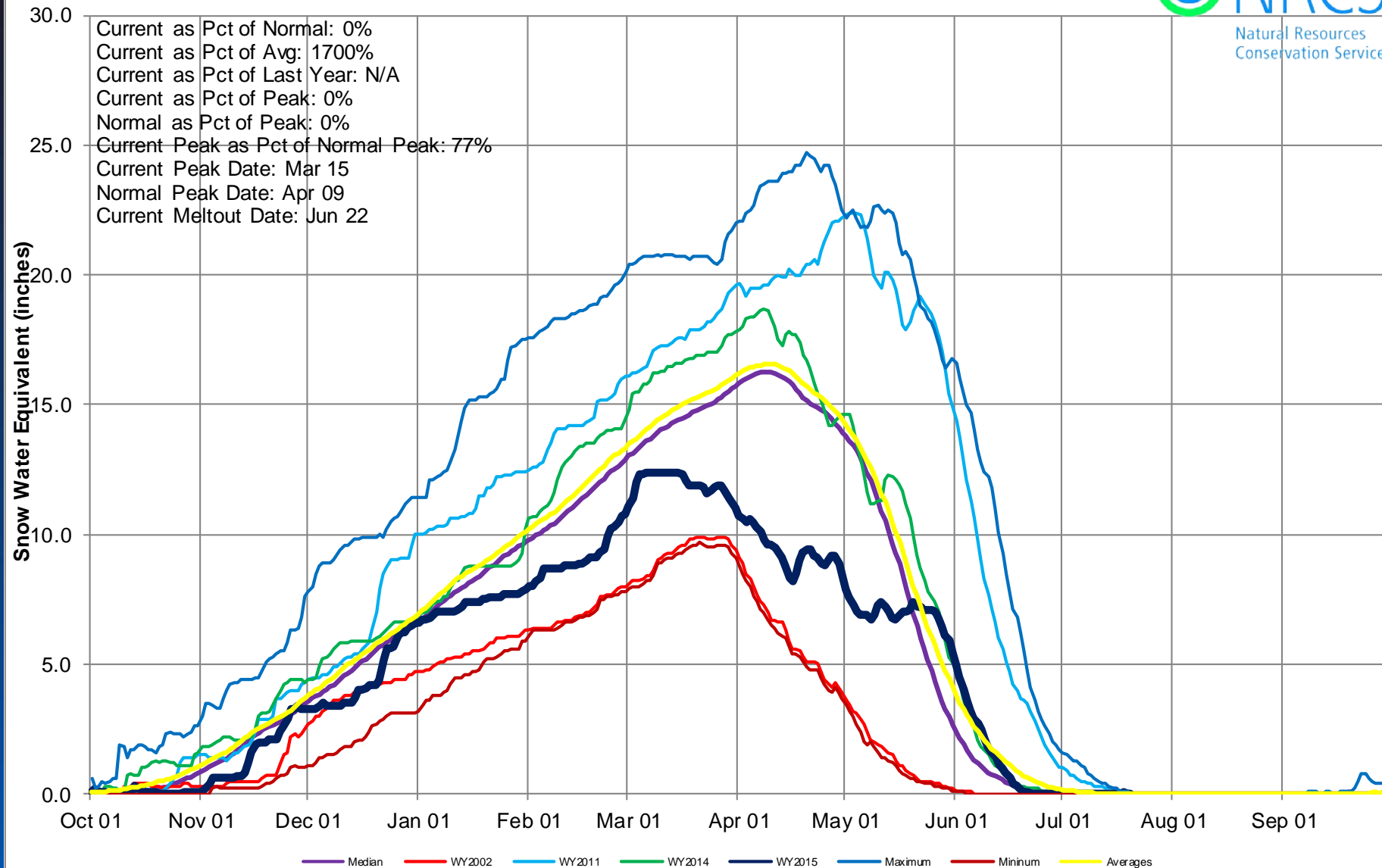
Colorado Statewide Summary





Colorado Statewide High/Low Snowpack Summary

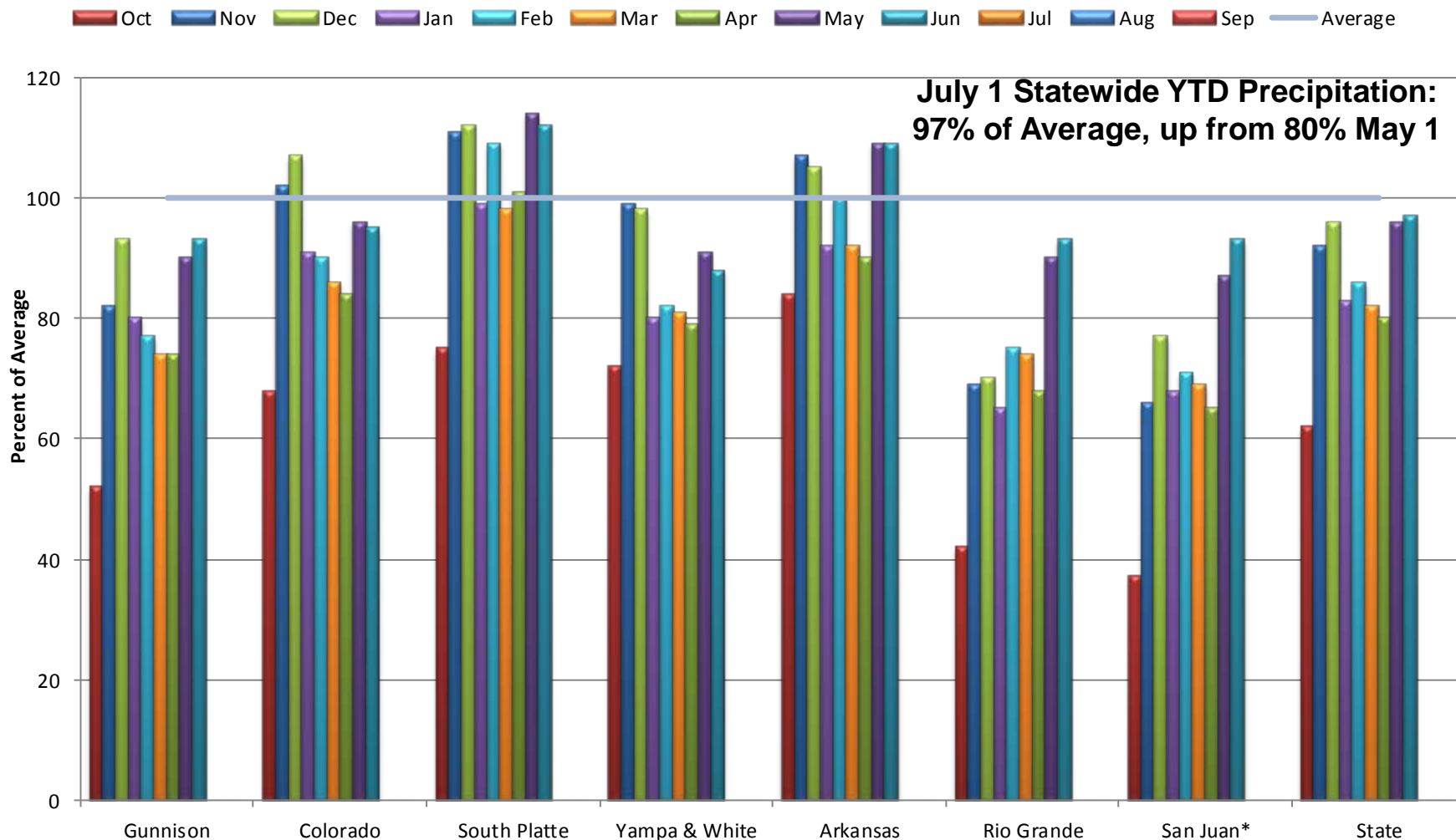
Based on Provisional SNOTEL data as of Jul 20, 2015





Colorado Year-to-Date Precipitation Summary for WY2015

USDA Natural Resources Conservation Service

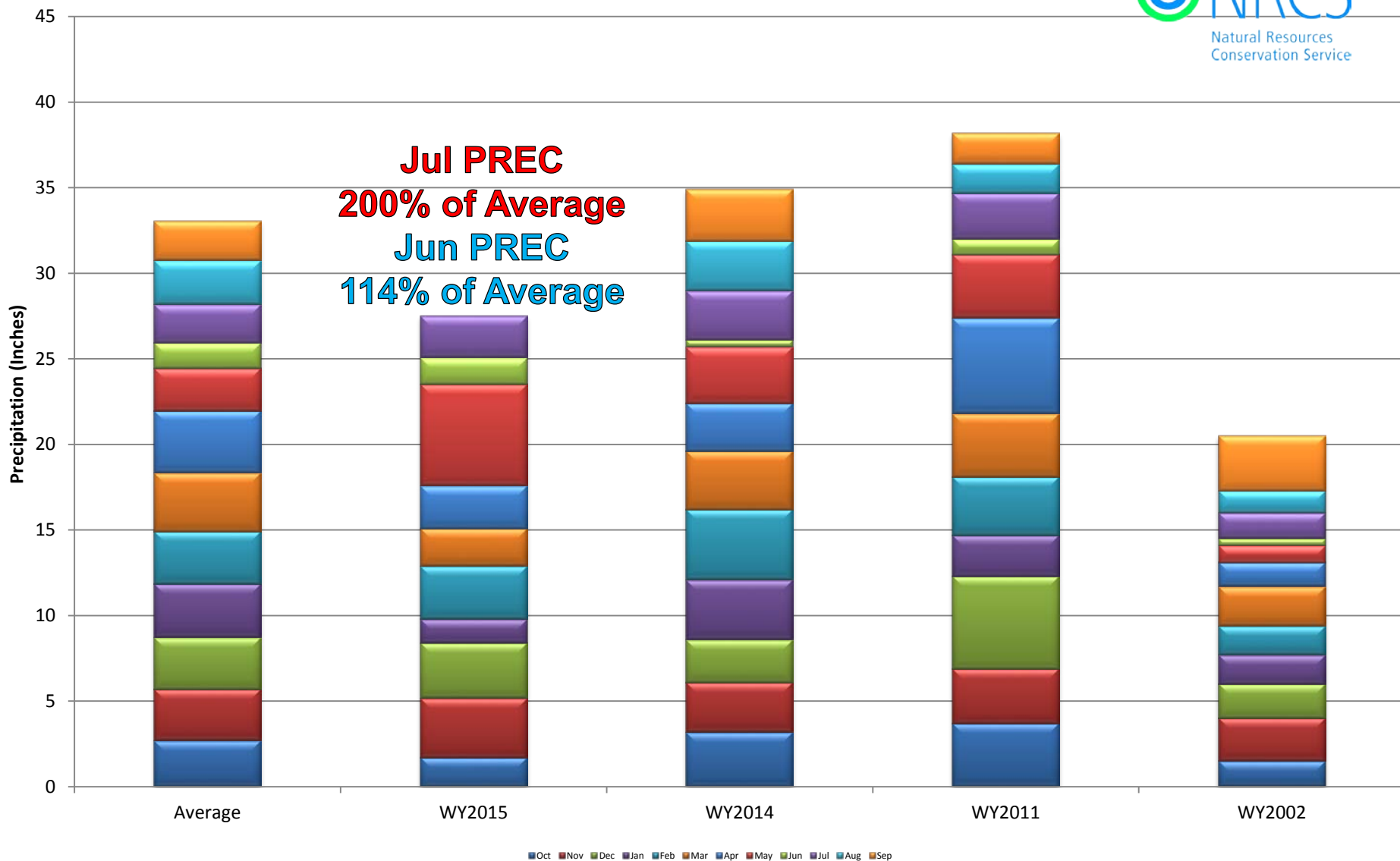


*Includes Animas, Dolores, San Miguel Basins



Colorado Statewide High/Low Monthly Precipitation Summary

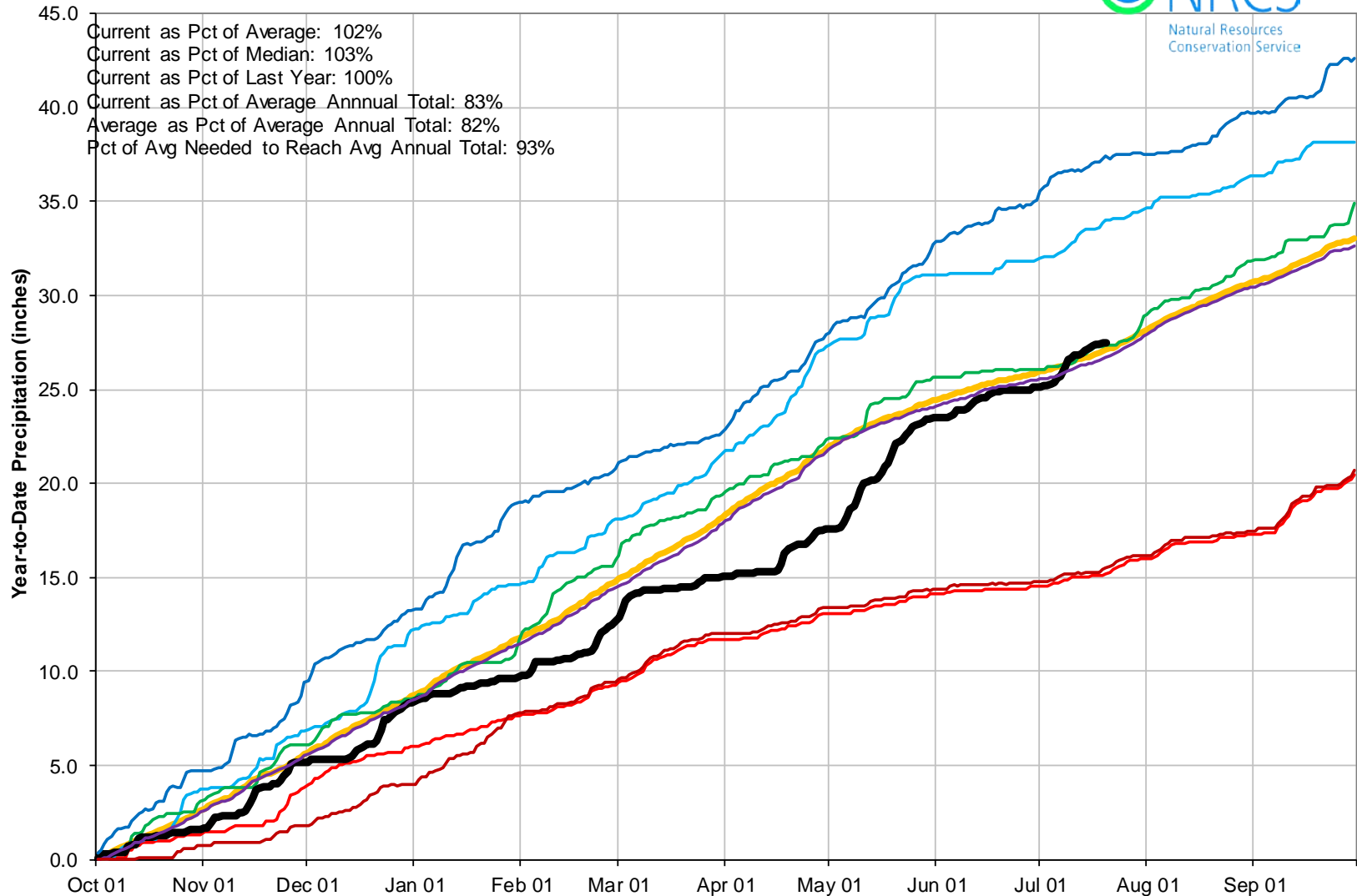
Based on Provisional SNOTEL data as of Jul 20, 2015





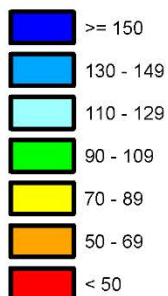
Colorado Statewide High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 20, 2015

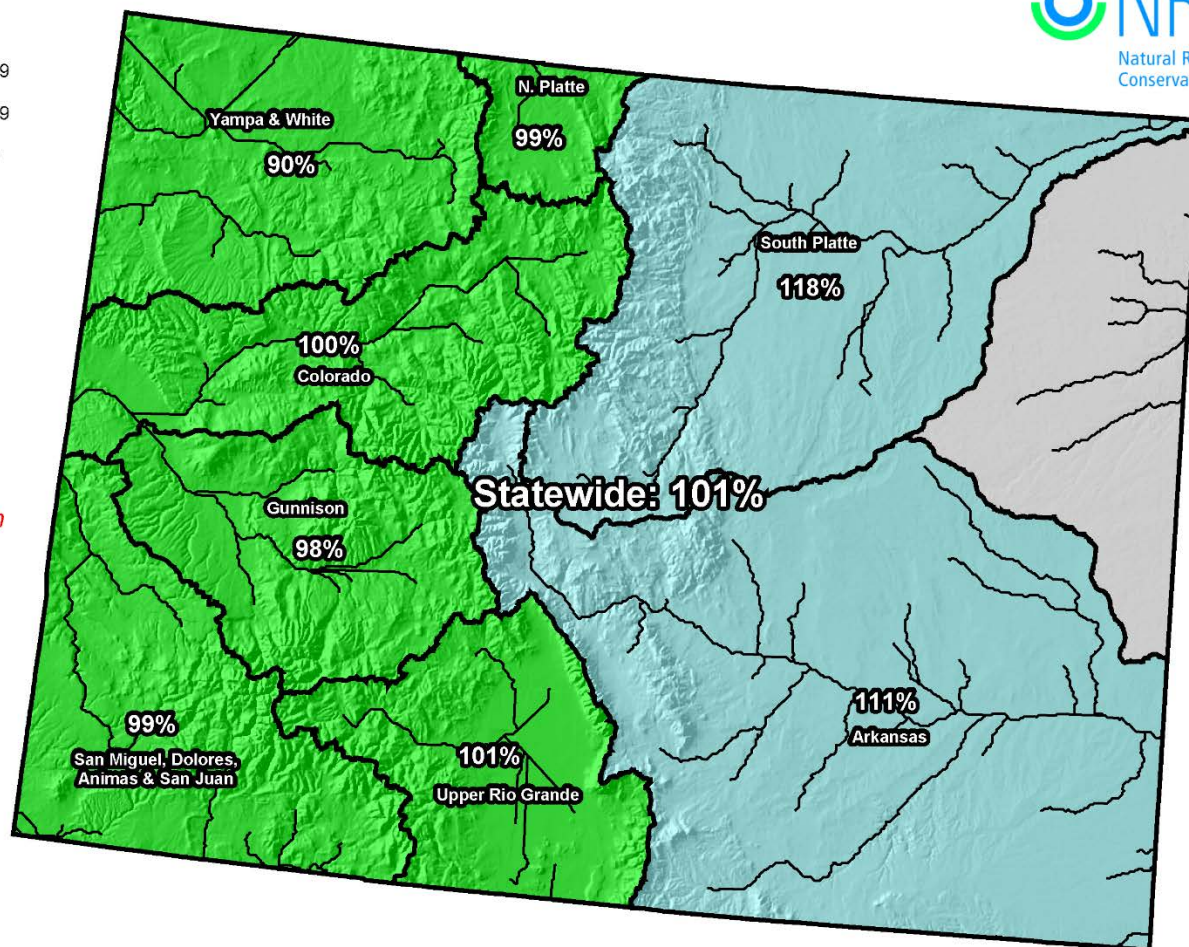


Colorado SNOTEL Water Year-to-Date Precipitation Update Map

Percent of Average



*Provisional Data
Subject to Revision*



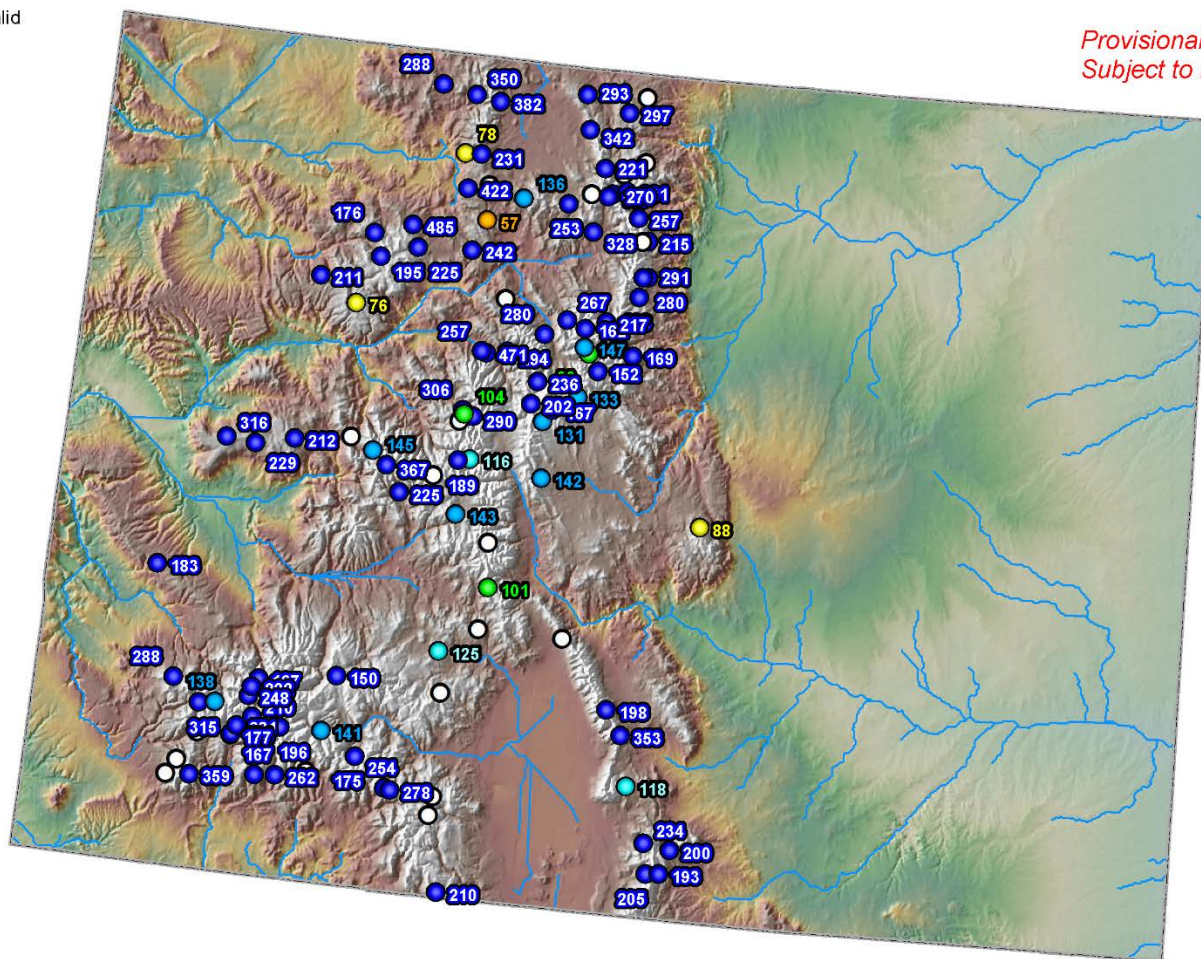
Current as of Jul 21, 2015

Colorado SNOTEL Month-to-Date Precipitation

Percent of Average

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

*Provisional Data
Subject to Revision*



Current as of Jul 21, 2015

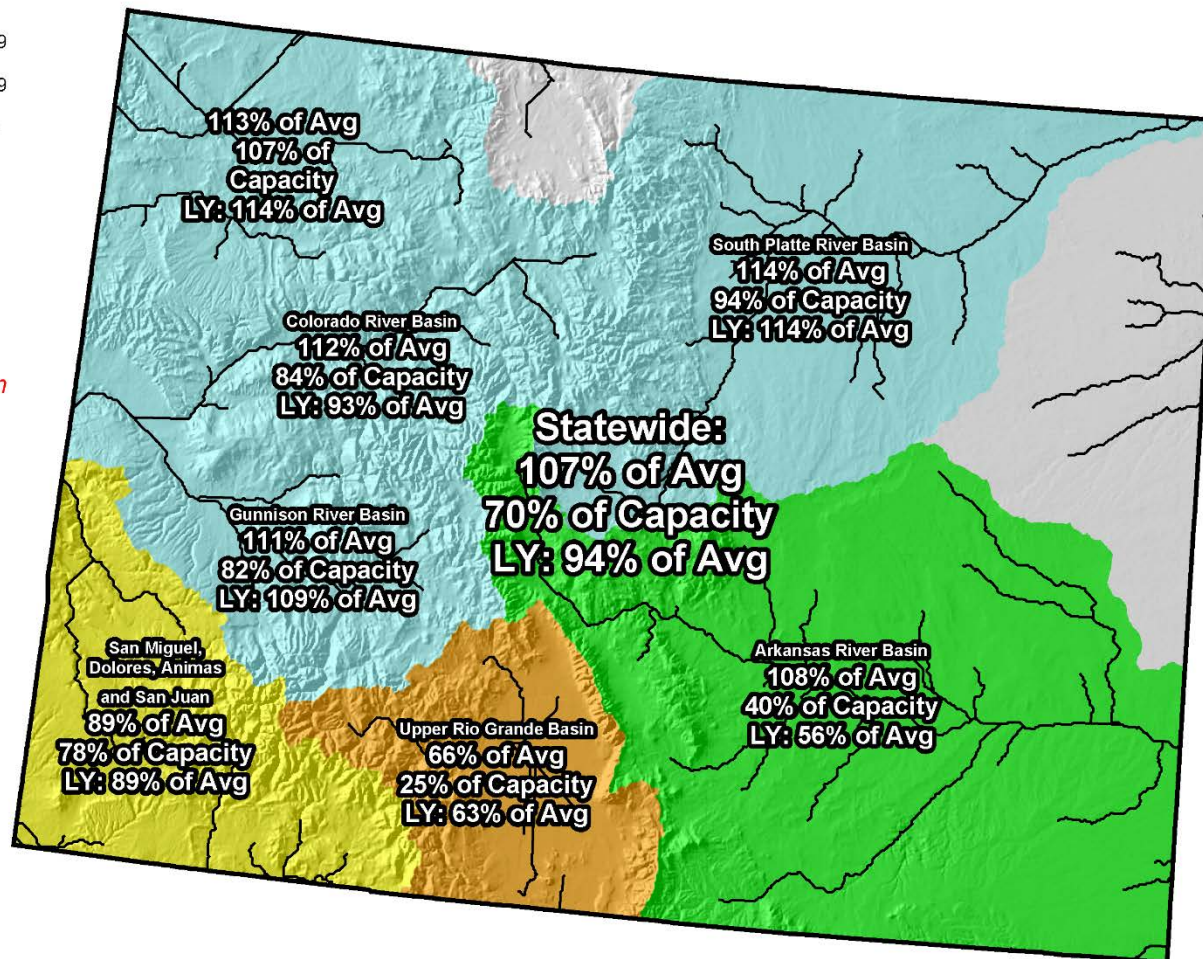
Colorado Reservoir Storage Map



Percent of Average



*Provisional Data
Subject to Revision*



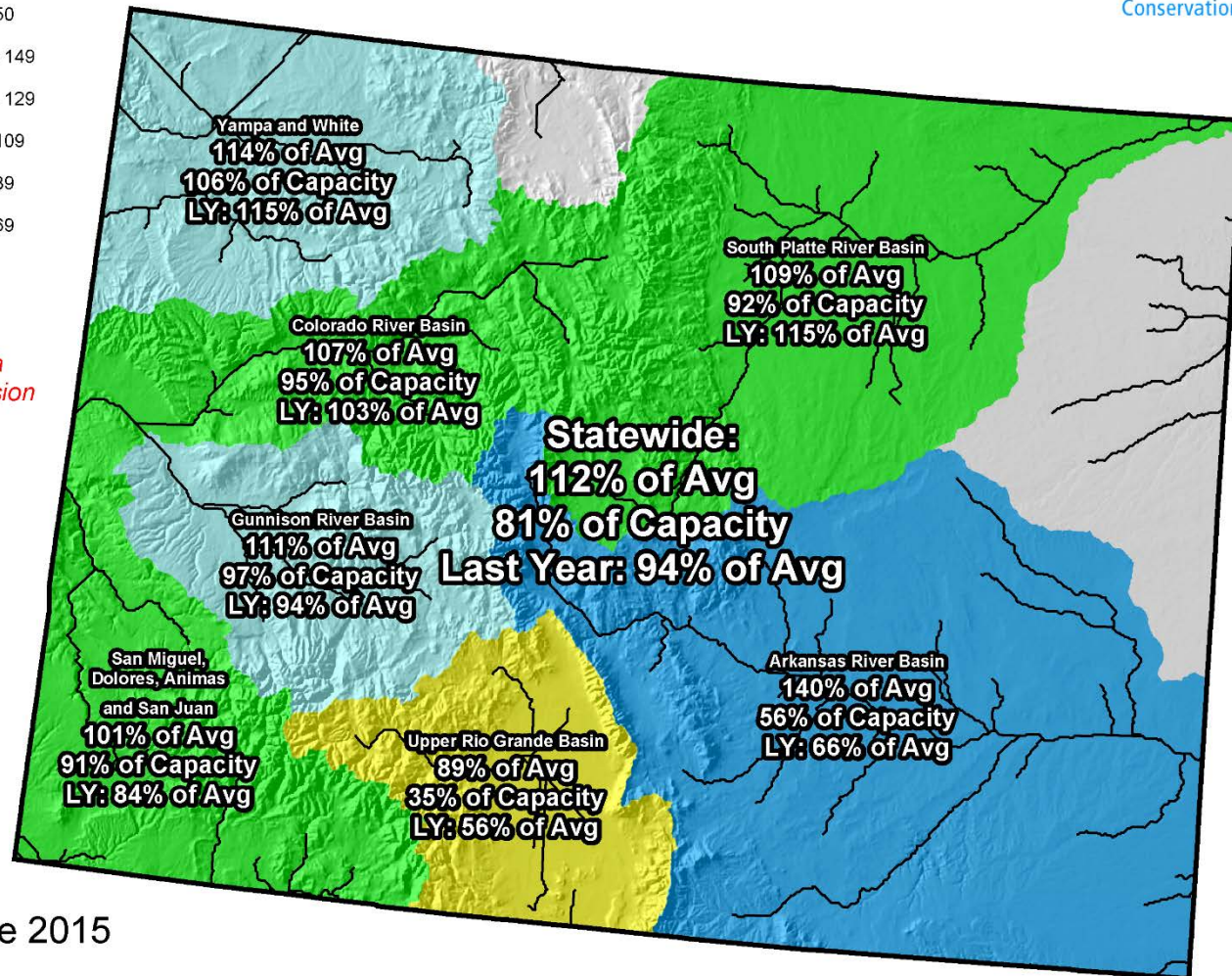
End of May 2015

Colorado Reservoir Storage Map

Percent of Average

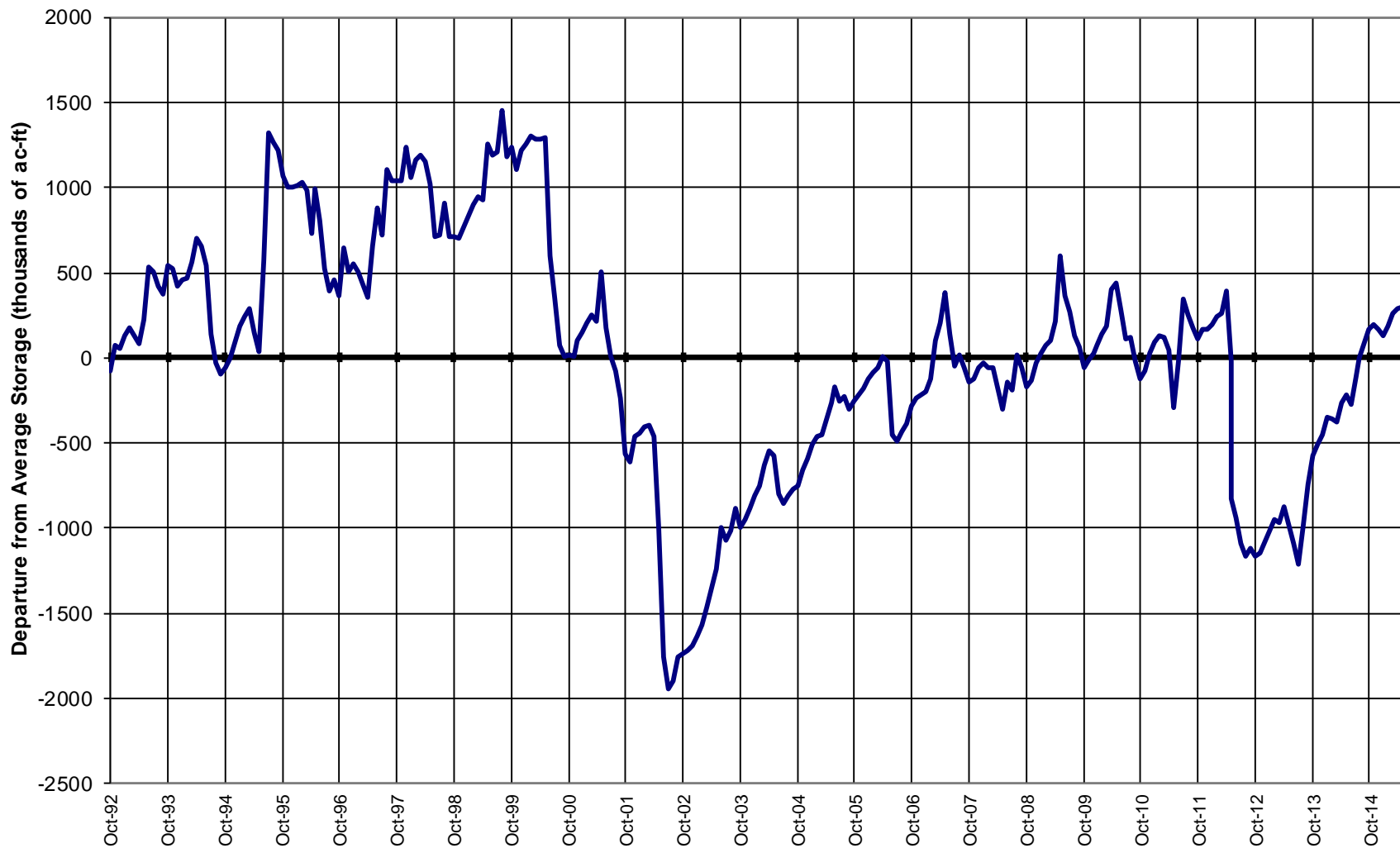


*Provisional Data
Subject to Revision*



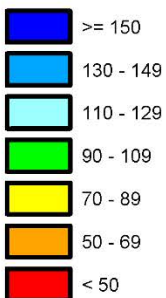


COLORADO STATEWIDE Reservoir Storage Departure from Average

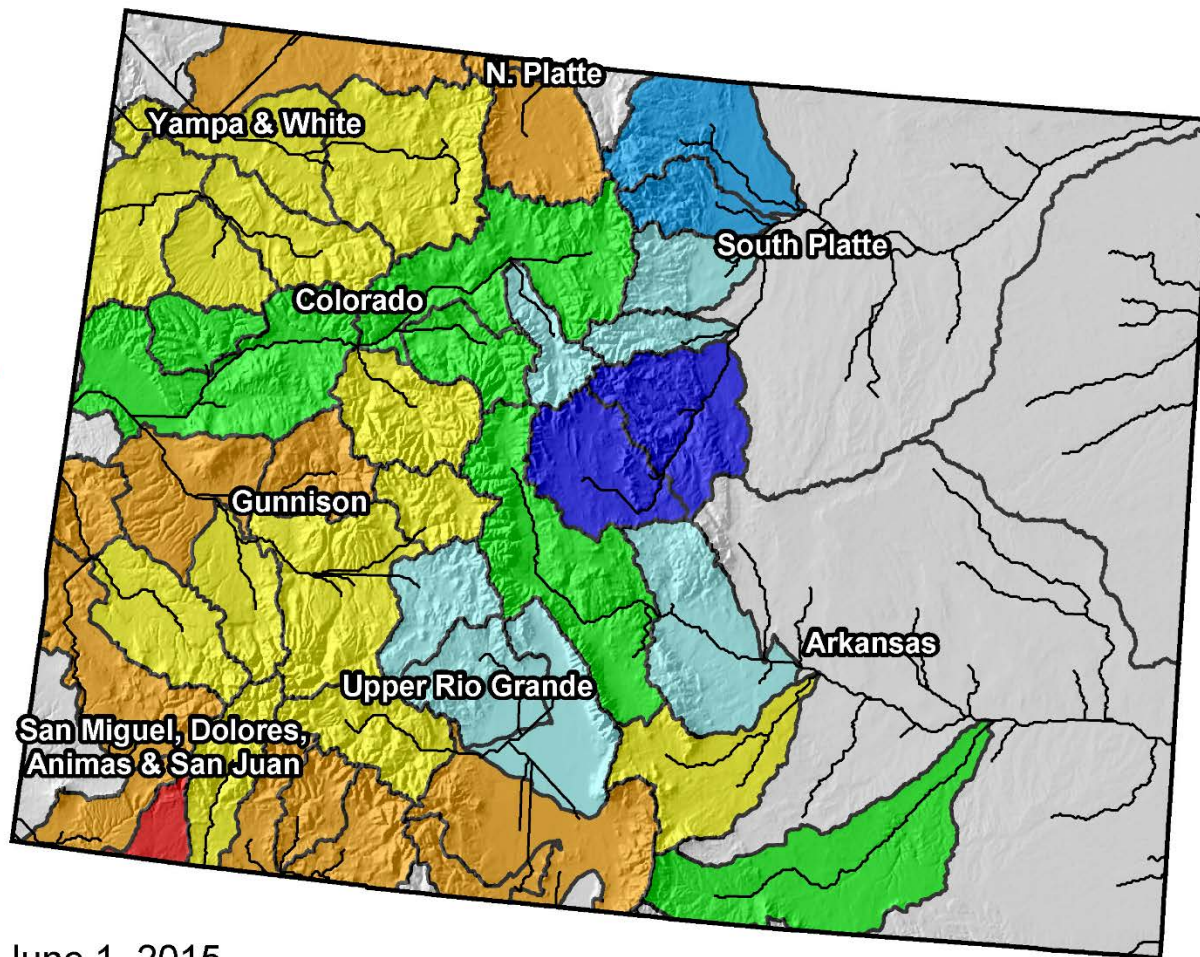


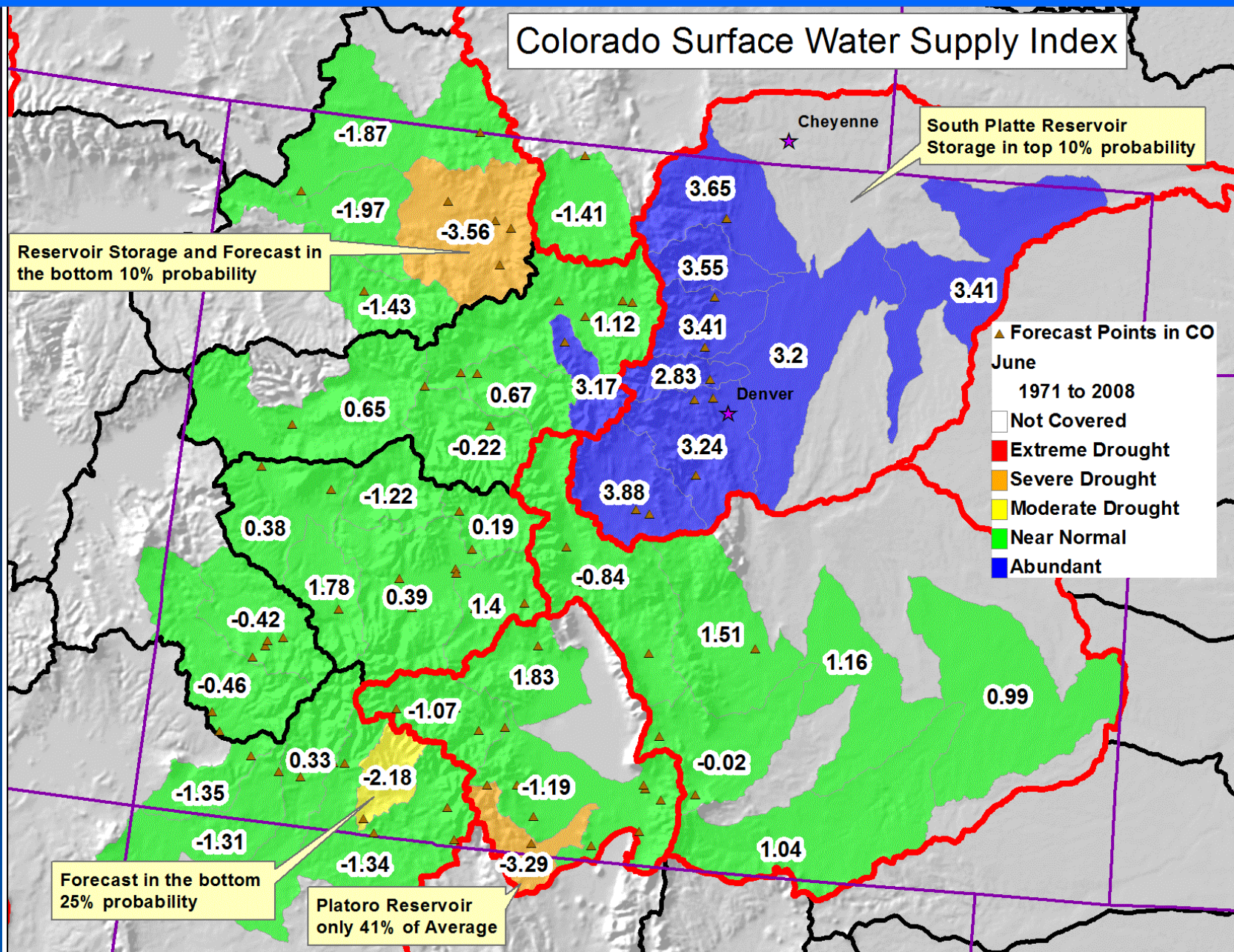
Colorado Streamflow Forecast Map

Percent of Average



*Provisional Data
Subject to Revision*





Summary

- **Statewide snowpack peak occurred Mar. 14th, four weeks early.**
 - South Platte peaked Apr 28th
 - This year's snowpack peak was 77% of the typical peak, 28/30 yrs
- **Mountain precip continues to provide better than normal totals.**
 - Year-to-Date precip up one percentage point from last month
- **Reservoirs statewide are in relatively good standing**
 - Statewide reservoirs are up 5% from last month
 - SMDASJ are above normal for the first time since 2012
 - 89% of normal last month to 101% this month
 - Rio Grande res are below normal at 89% up from 66% last month
 - Ark is the highest it has been since Summer 2001
- **SWSI – 2 of 41 SWSIs decreased into July (Upr Ark & Big T)**
 - Several SWSI increased nearly 5 index points most in the SMDASJ
 - Only 3 SWSIs remain below normal 2 in the NP & 1 in the RG
 - 5/8 SP SWSIs are at maximum (4), lowest of 8 being 3.46 (Big T)



United States Department of Agriculture

Colorado Snow Surveys

Water Availability Task Force Meeting

July 22nd, 2015

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/>