

NRCS – Snow Survey & Water Supply Forecasting

Water Availability Task Force Meeting July 20, 2012

Brian Domonkos

Acting Snow Survey Supervisor

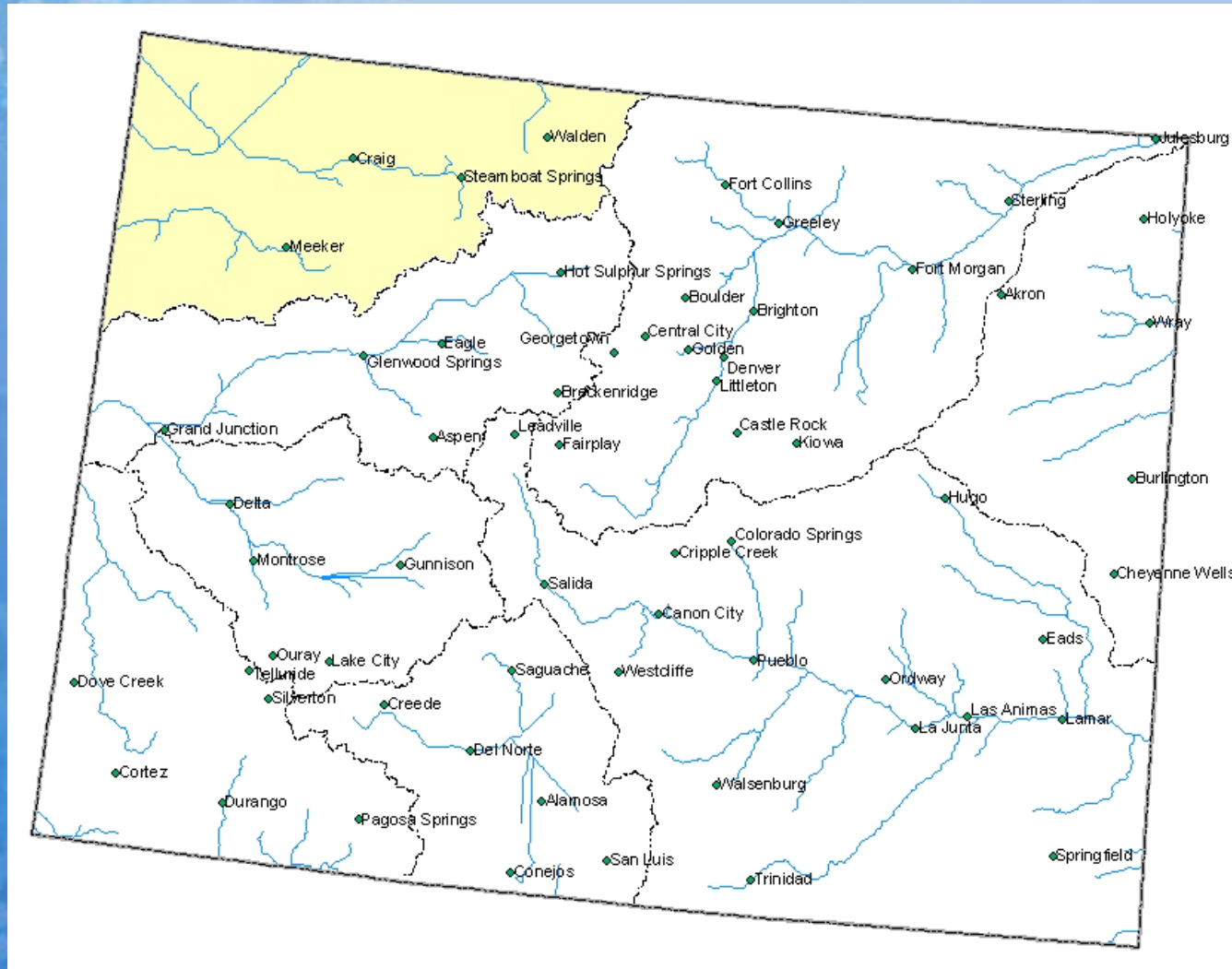
Brian.Domonkos@mt.usda.gov

(720) 544-2852

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

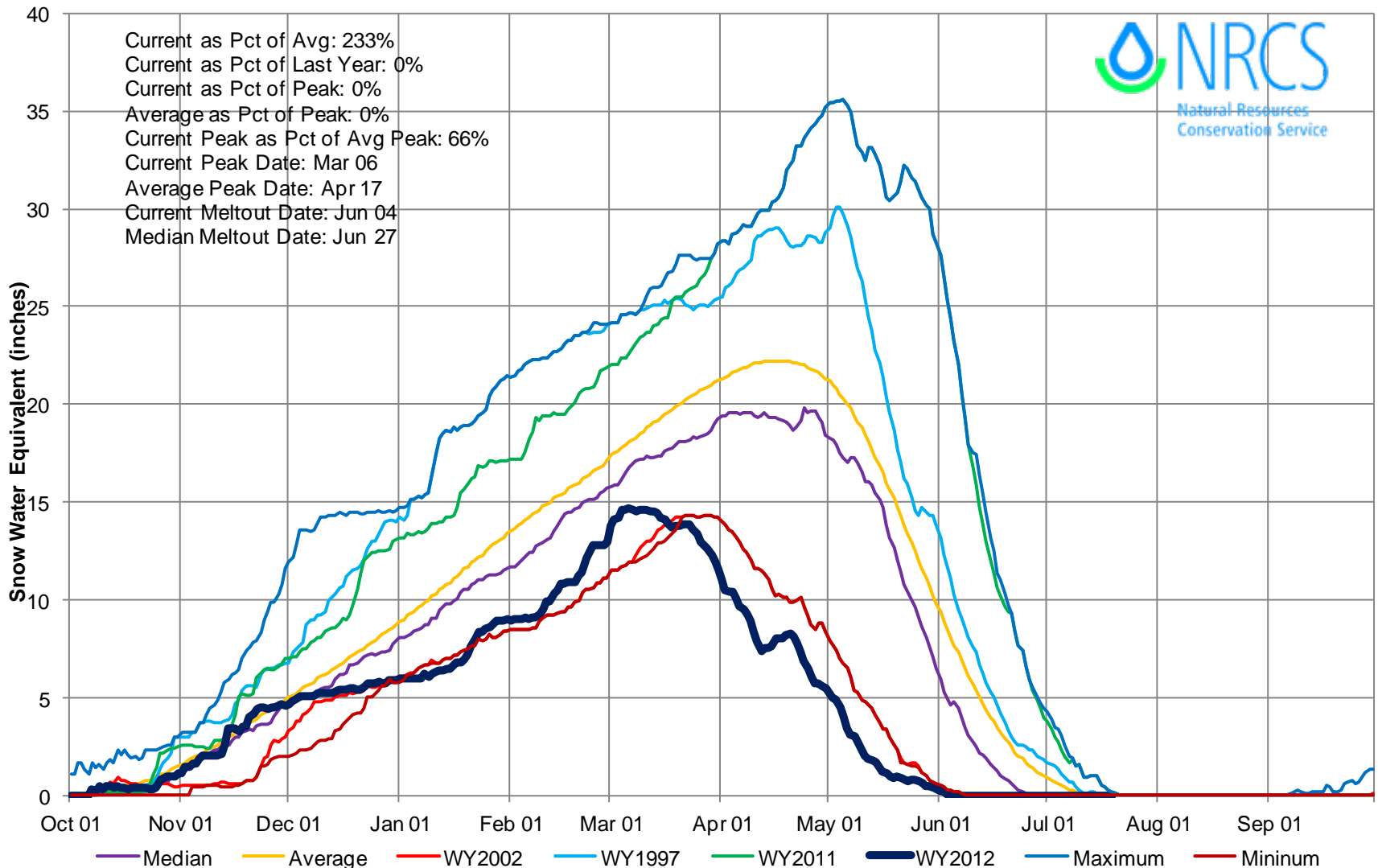
Acting until Oct. 1st, 2012

Yampa, White & North Platte River Basins Summary



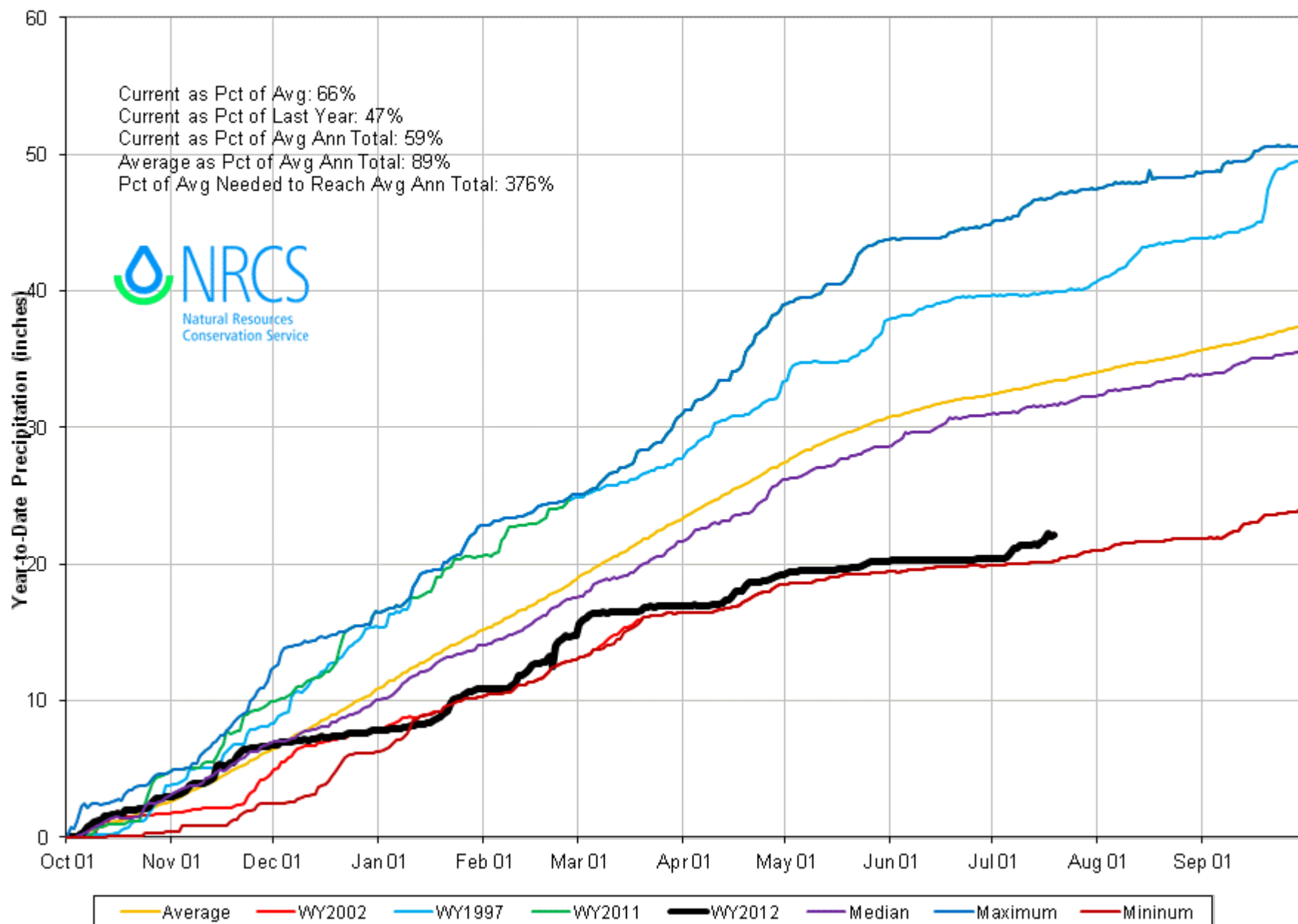
Yampa, White and North Platte River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



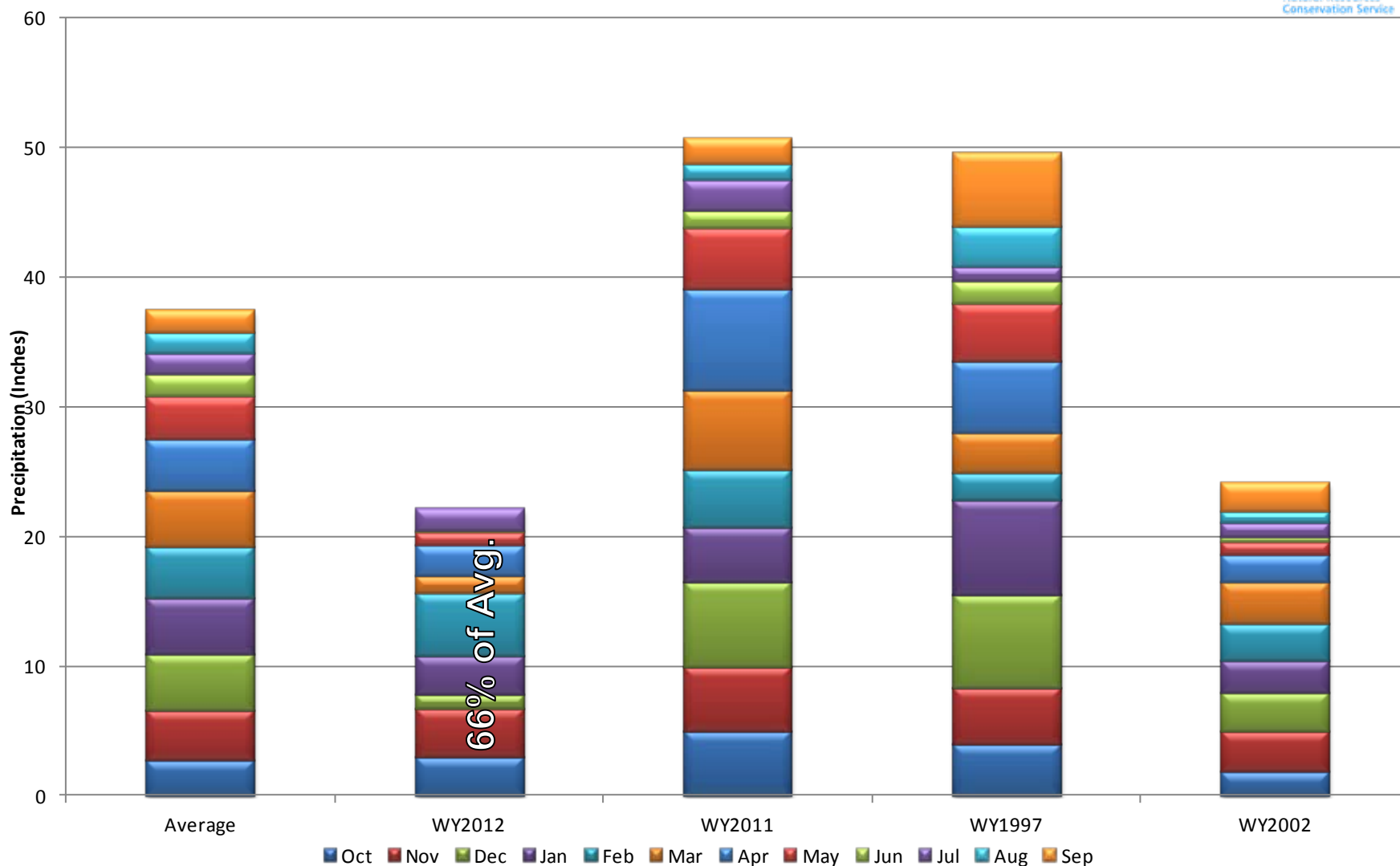
Yampa and White River Basins High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



Yampa and White River Basins High/Low Monthly Precipitation Summary

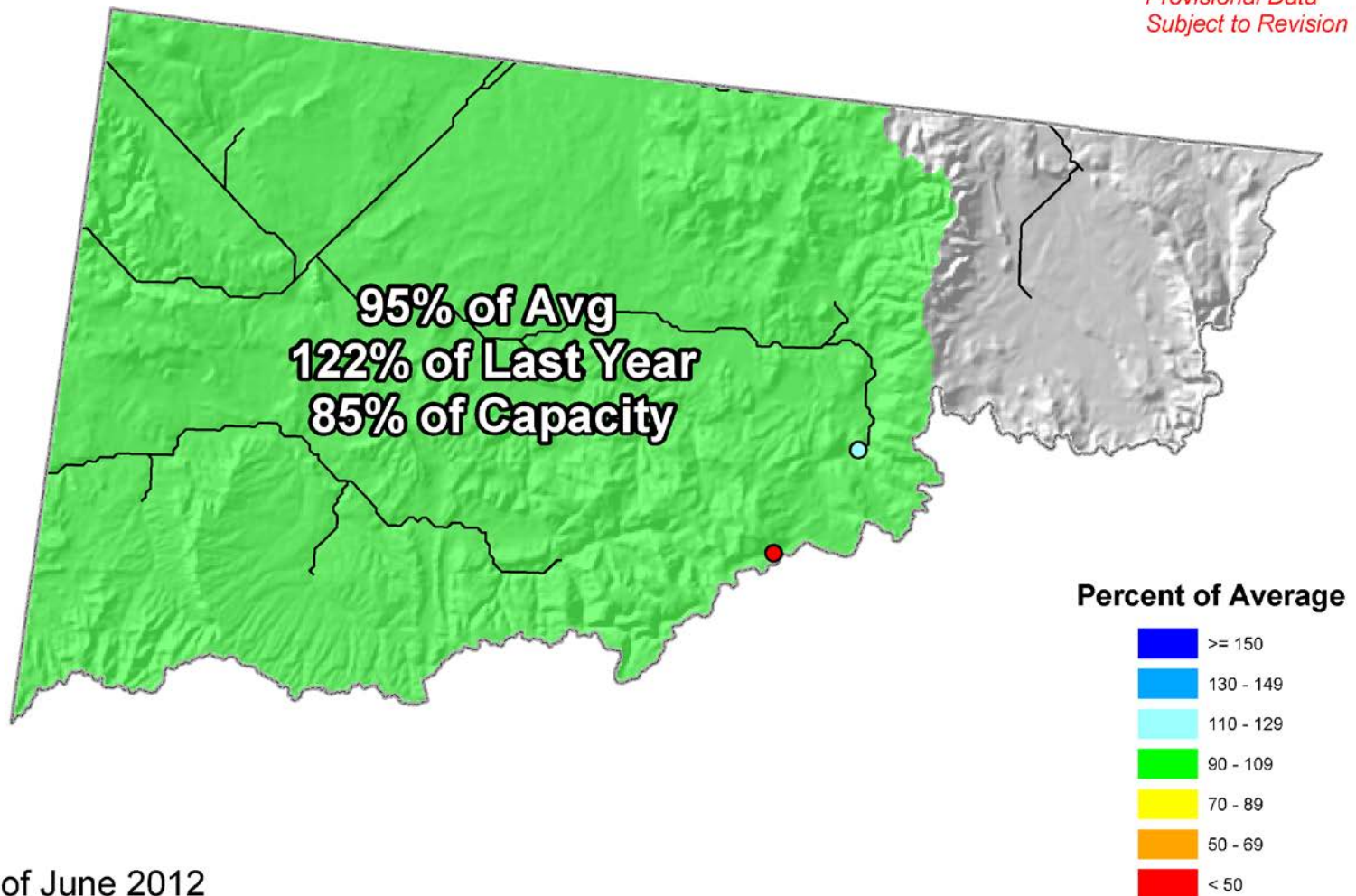
Based on Provisional SNOTEL data as of Jul 19, 2012



Yampa & White River Basins Reservoir Storage Map

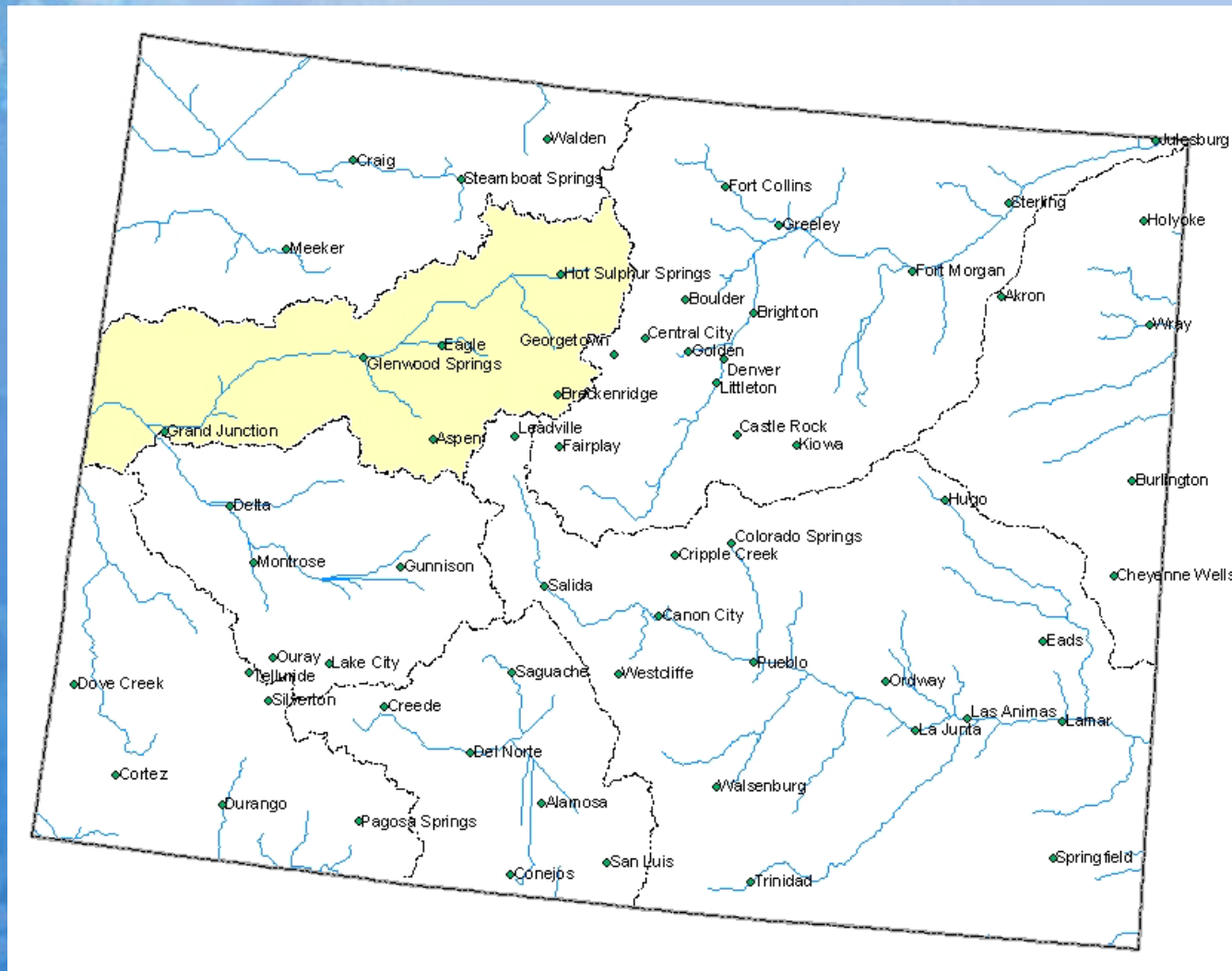


*Provisional Data
Subject to Revision*



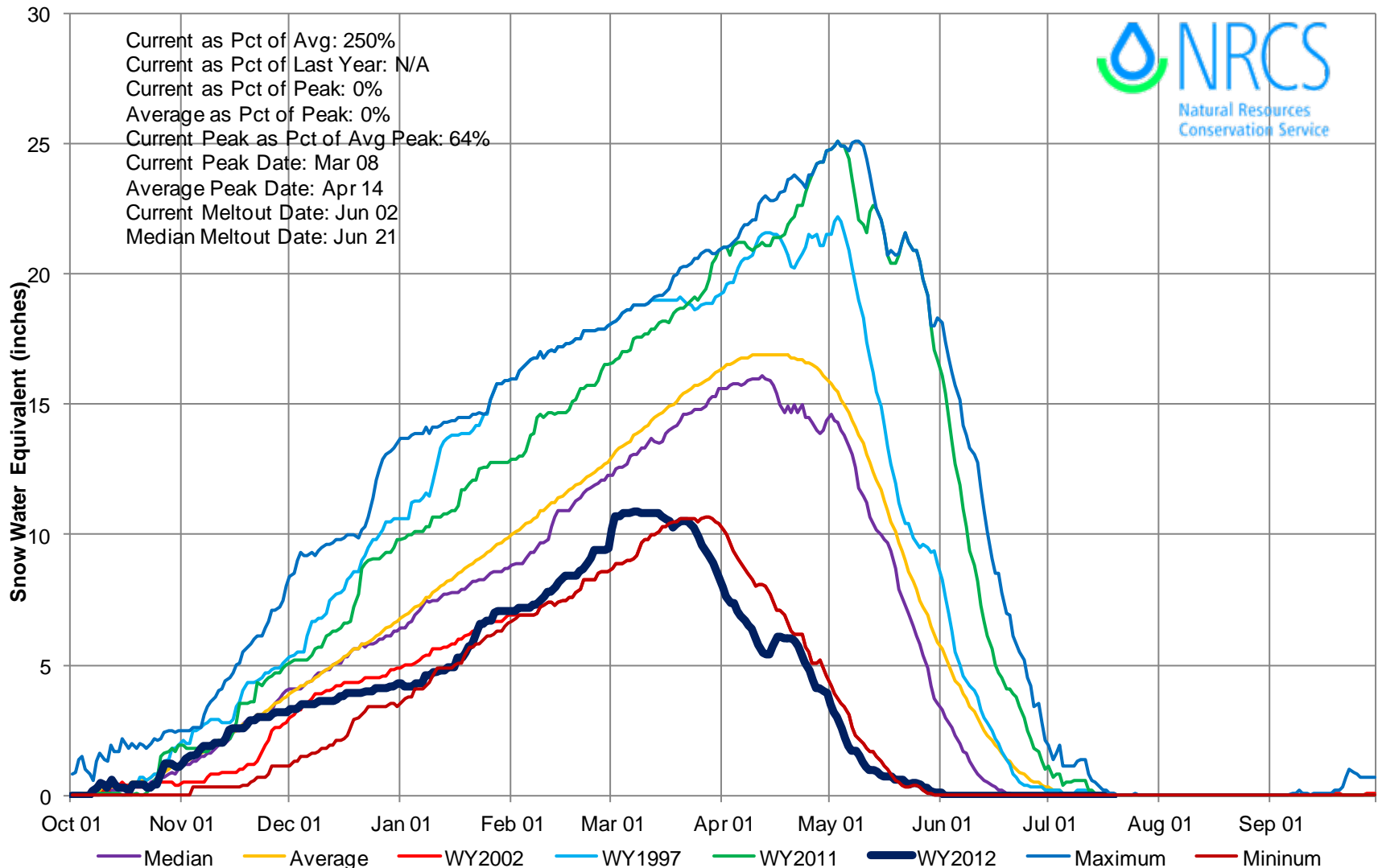
End of June 2012

Colorado River Basin Summary



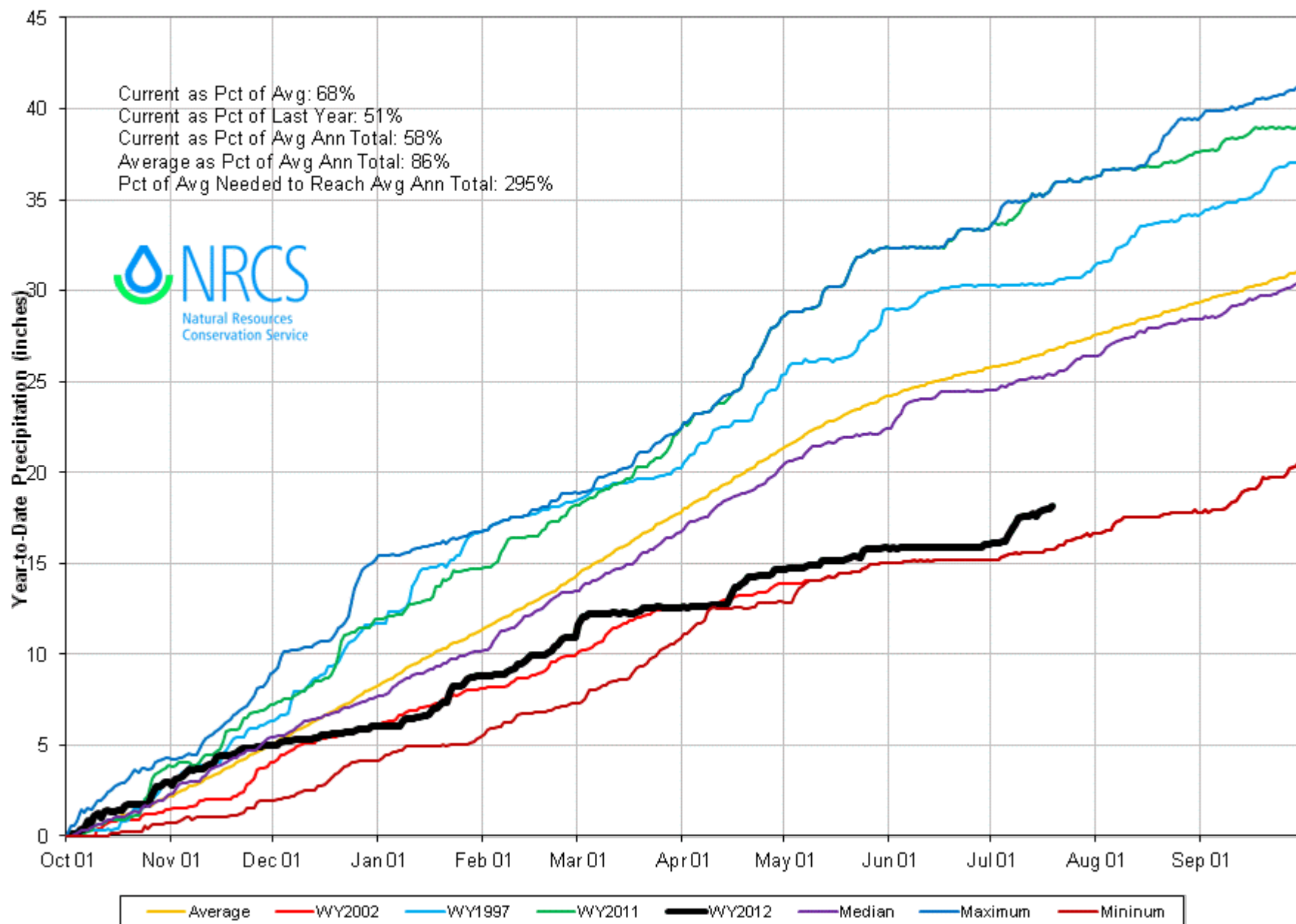
Upper Colorado River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



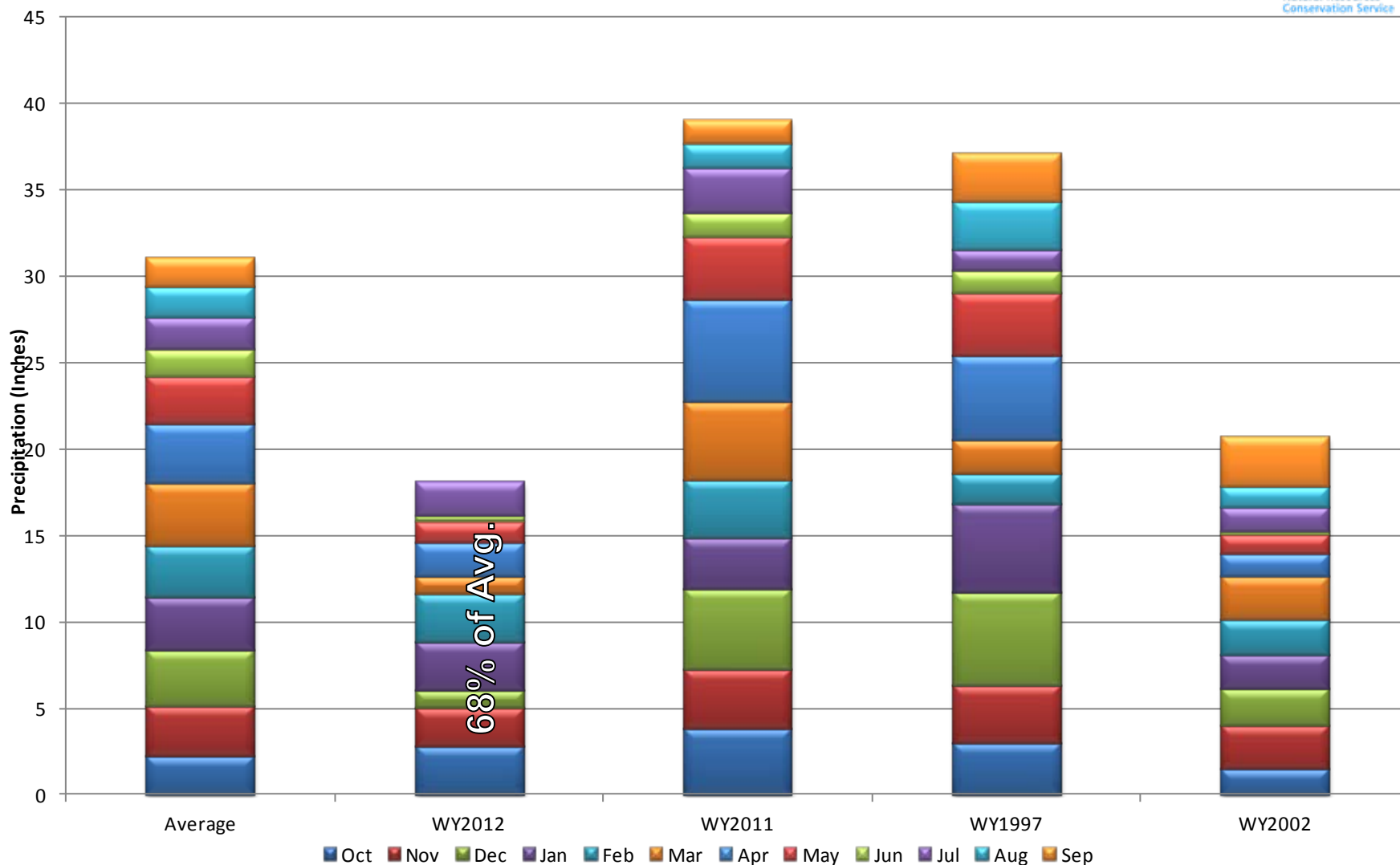
Upper Colorado River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



Upper Colorado River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



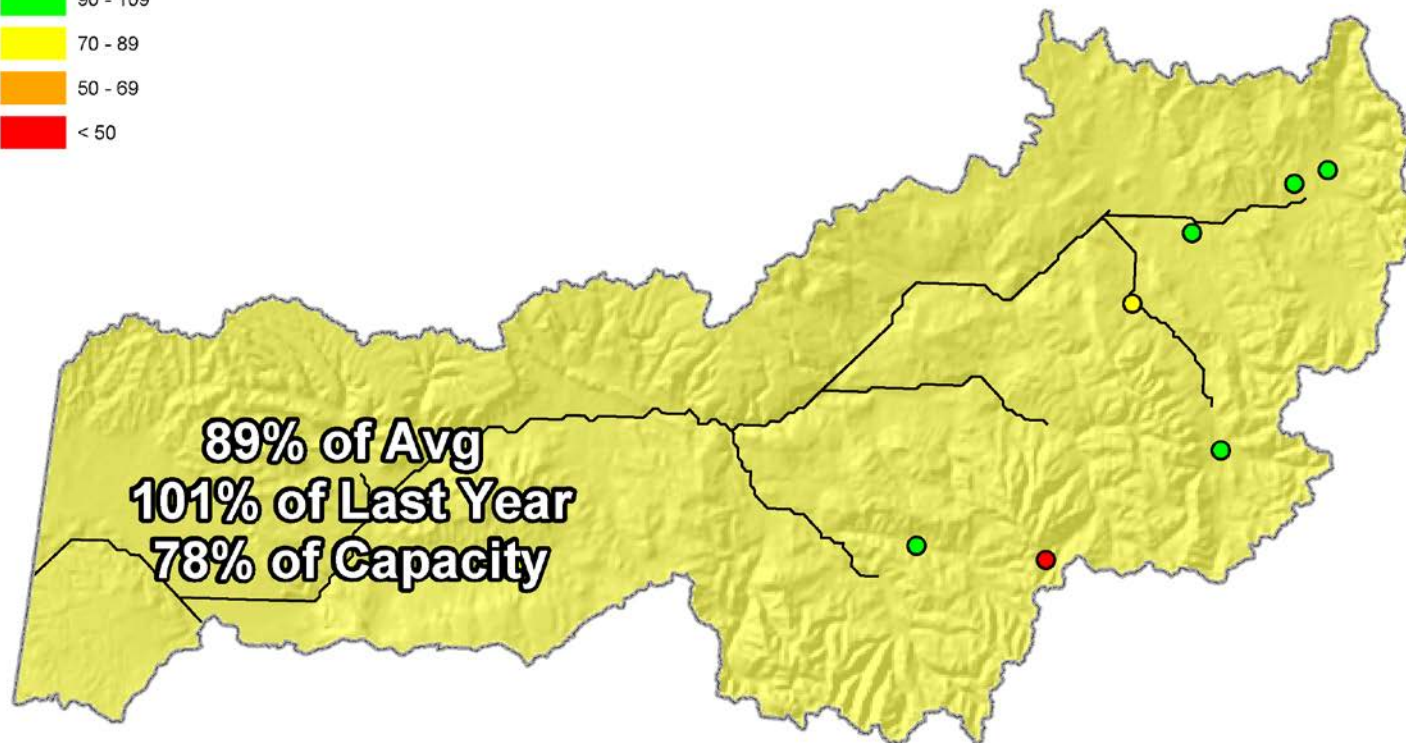
Colorado River Basin Reservoir Storage Map



Percent of Average



*Provisional Data
Subject to Revision*

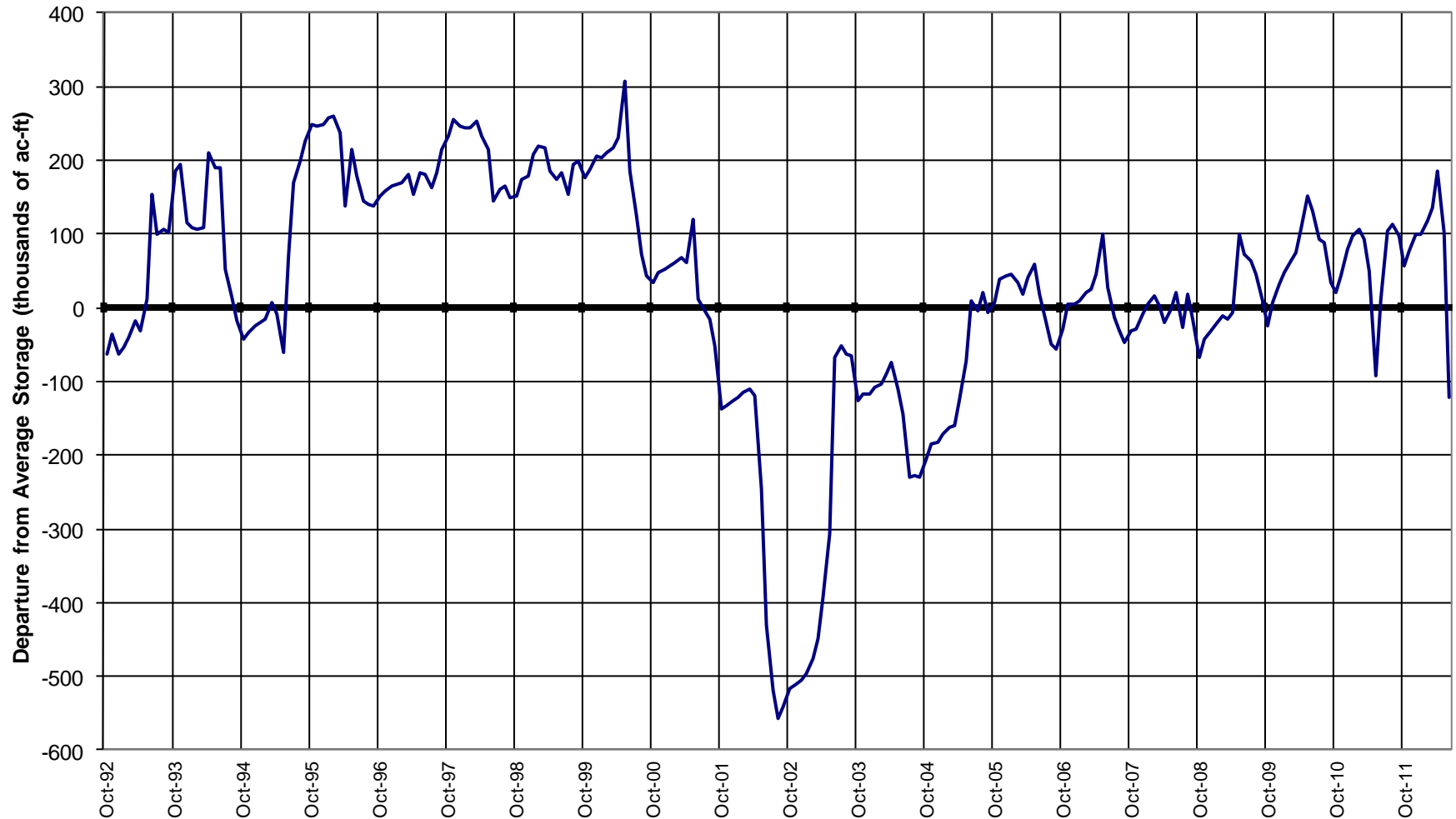


End of June 2012

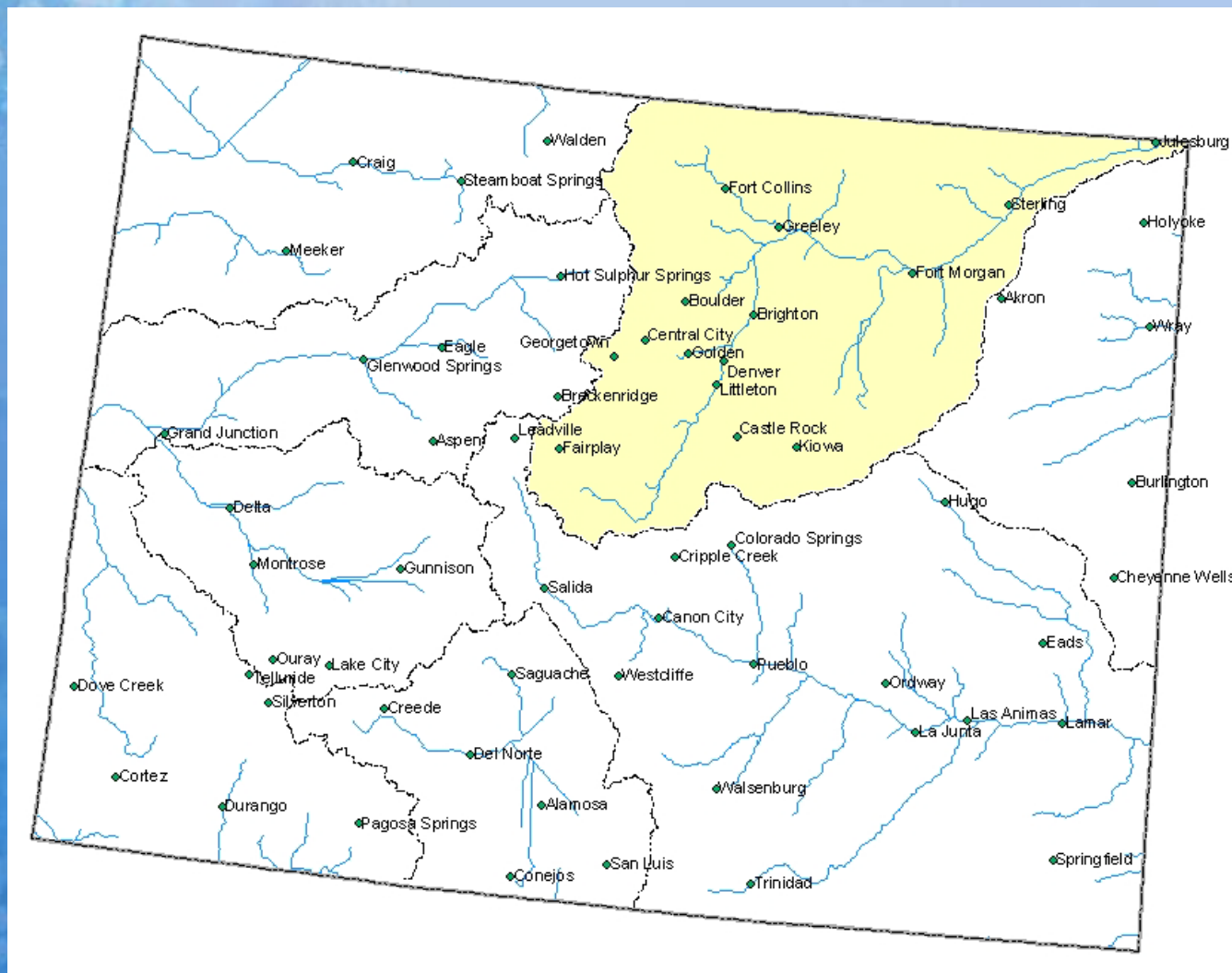
COLORADO RIVER BASIN

Reservoir Storage

Departure from Average

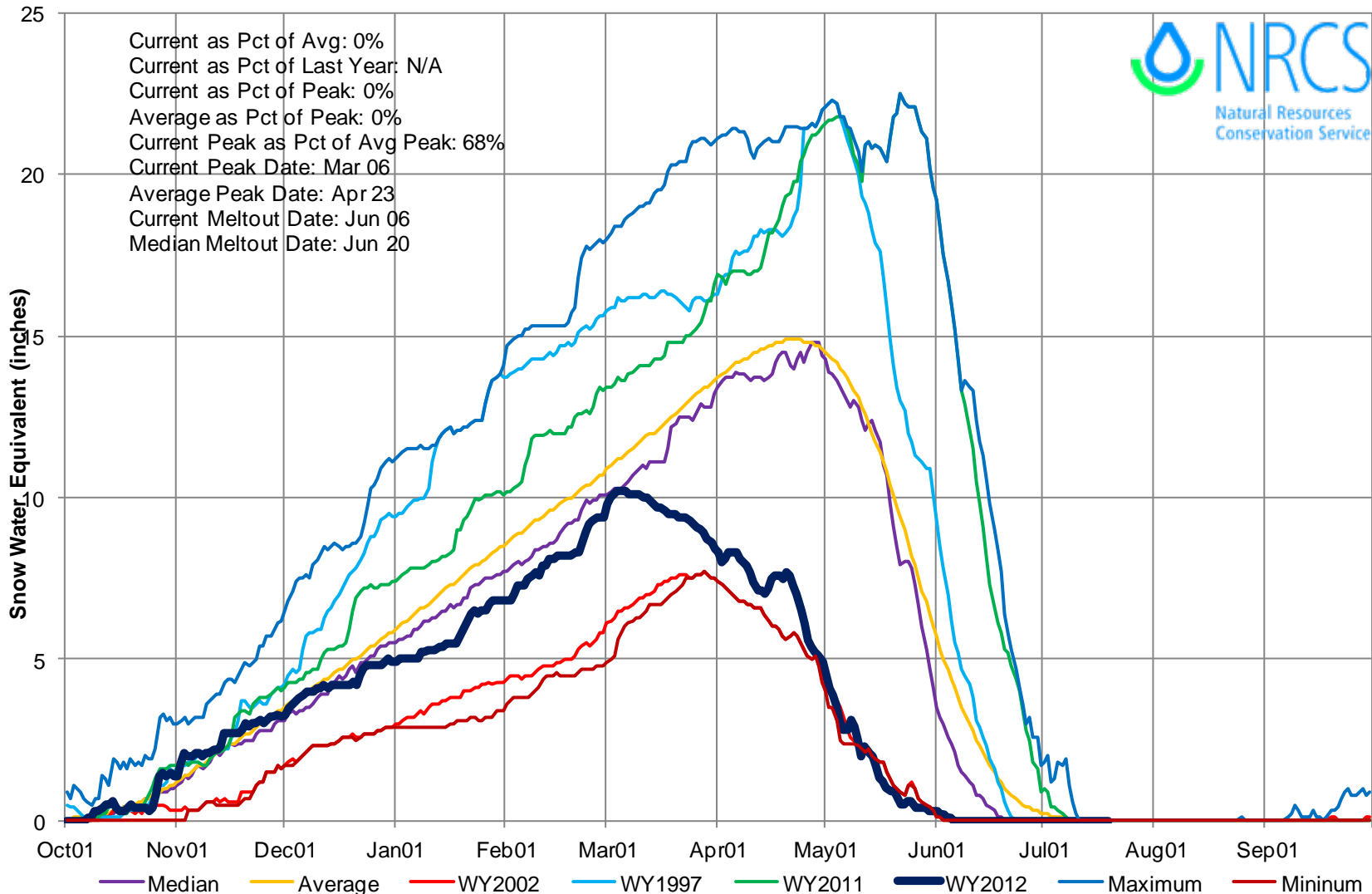


South Platte River Basin Summary



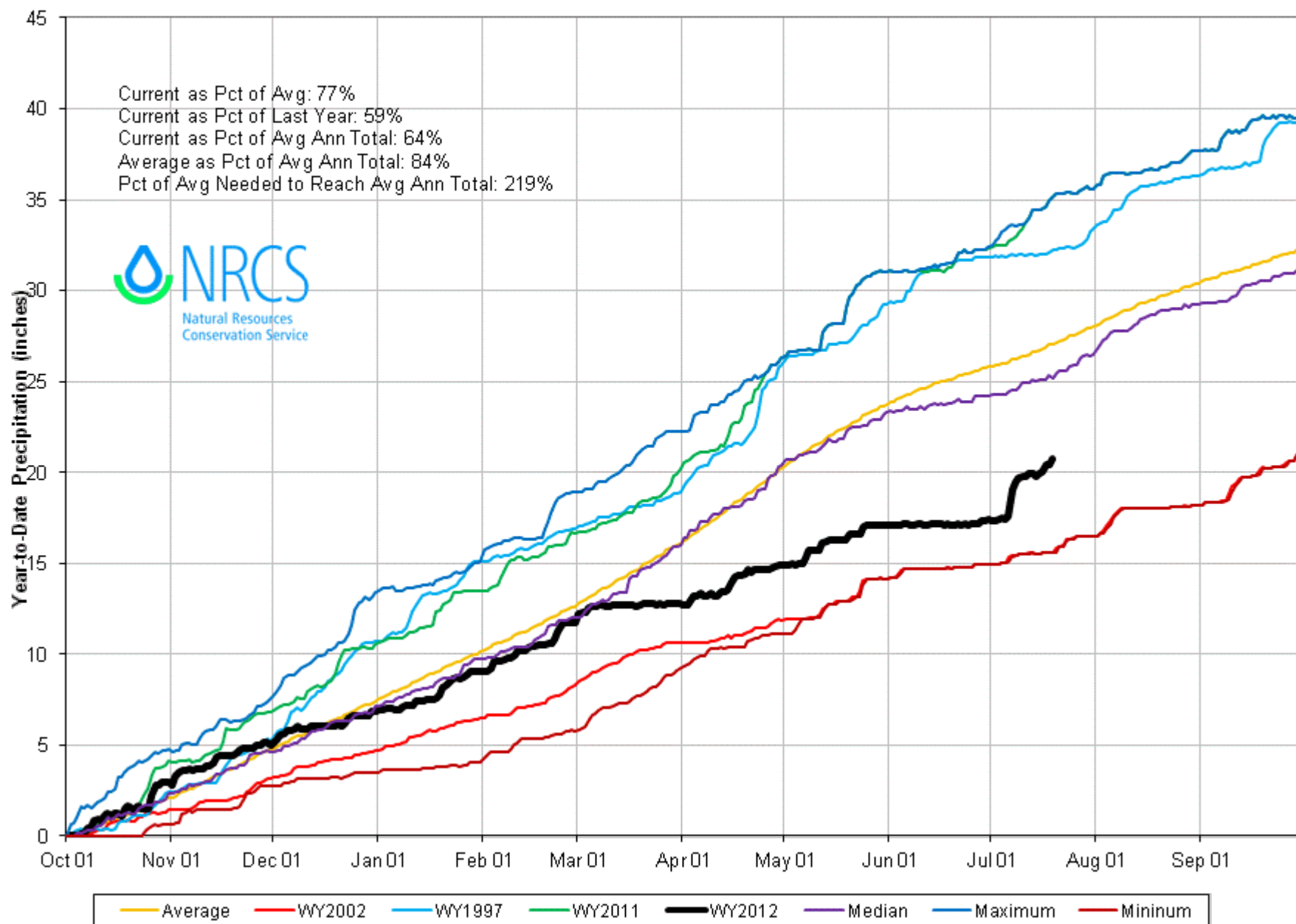
South Platte River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



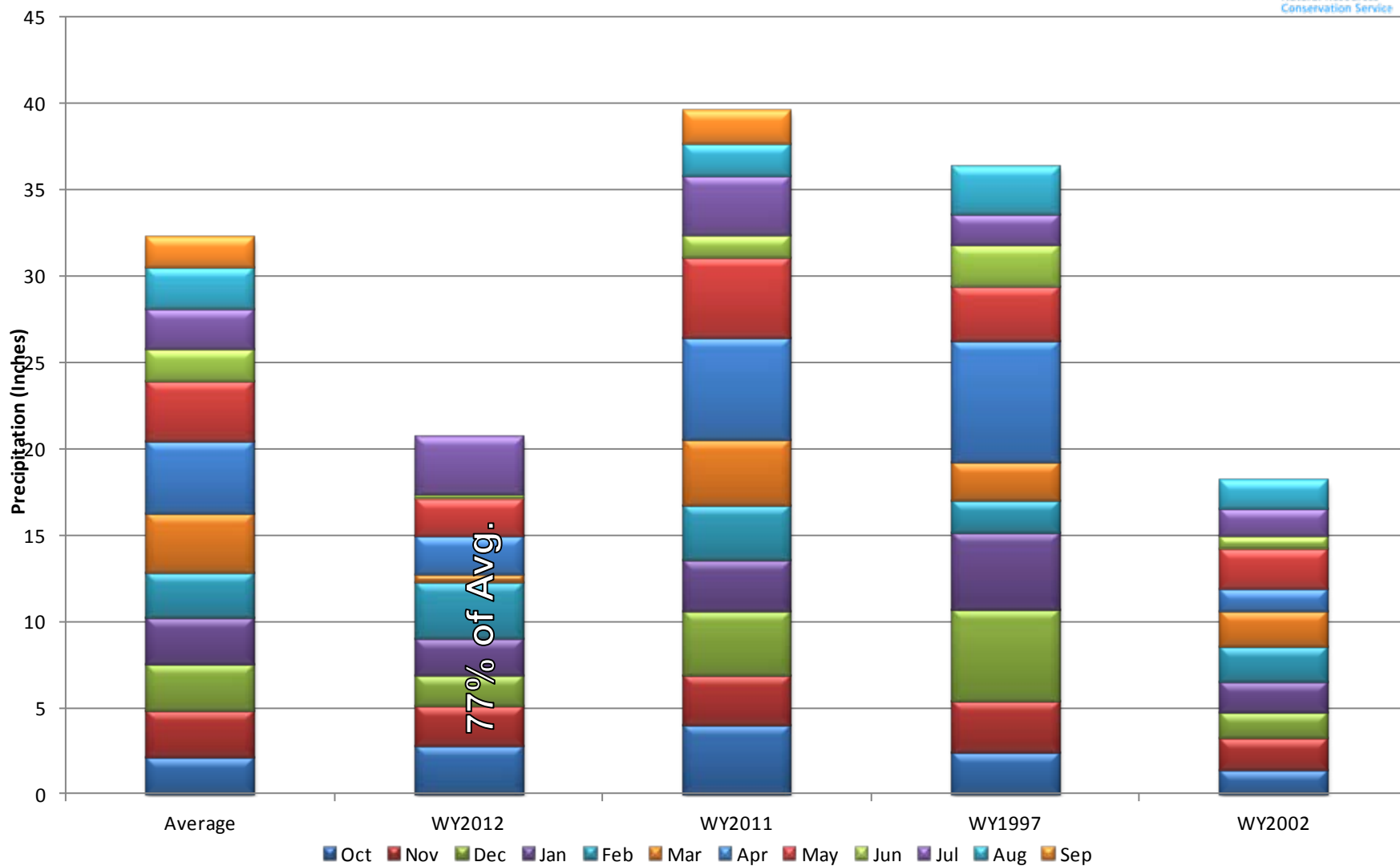
South Platte River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



South Platte River Basin High/Low Monthly Precipitation Summary

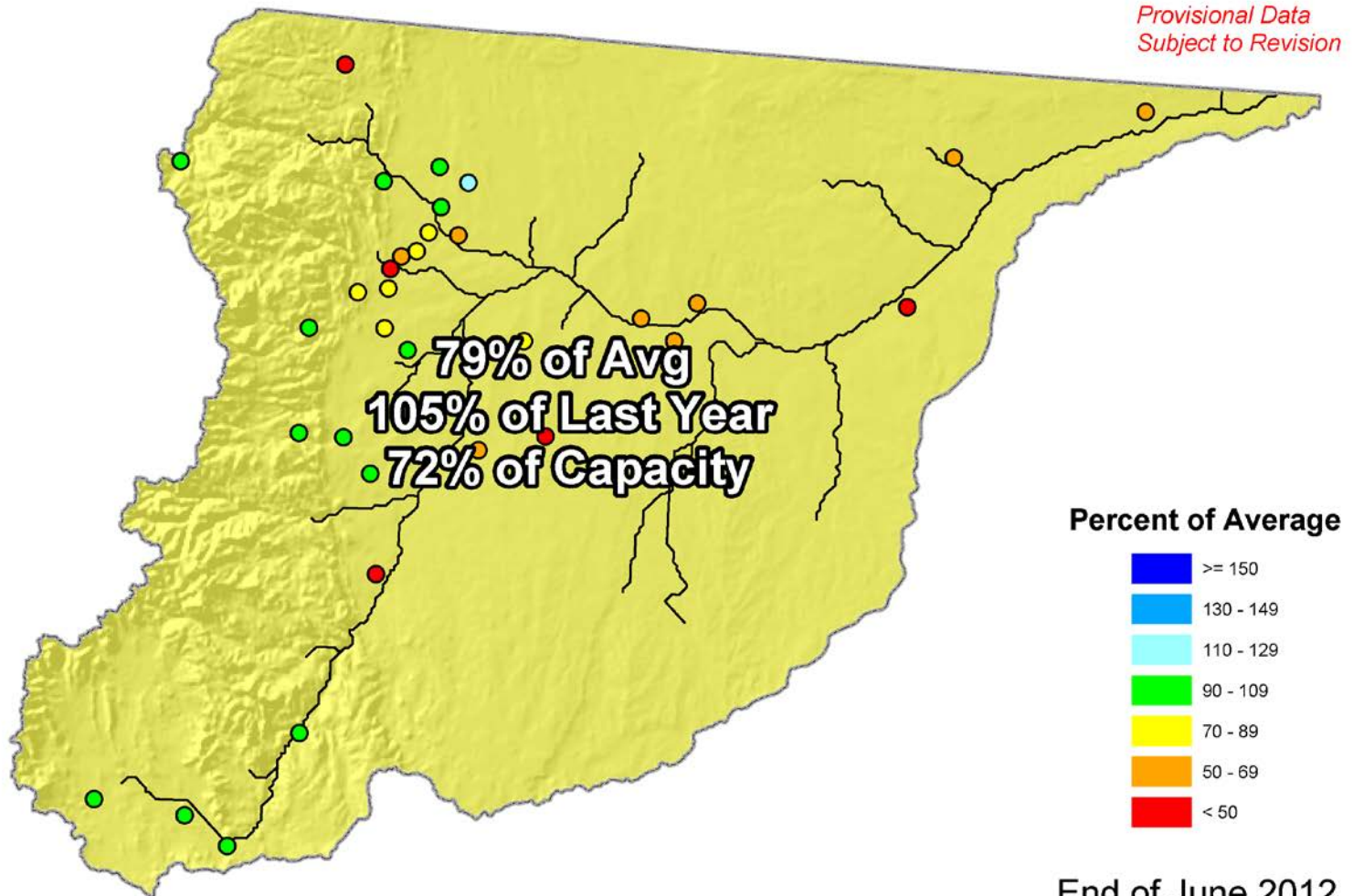
Based on Provisional SNOTEL data as of Jul 19, 2012



South Platte River Basin Reservoir Storage Map



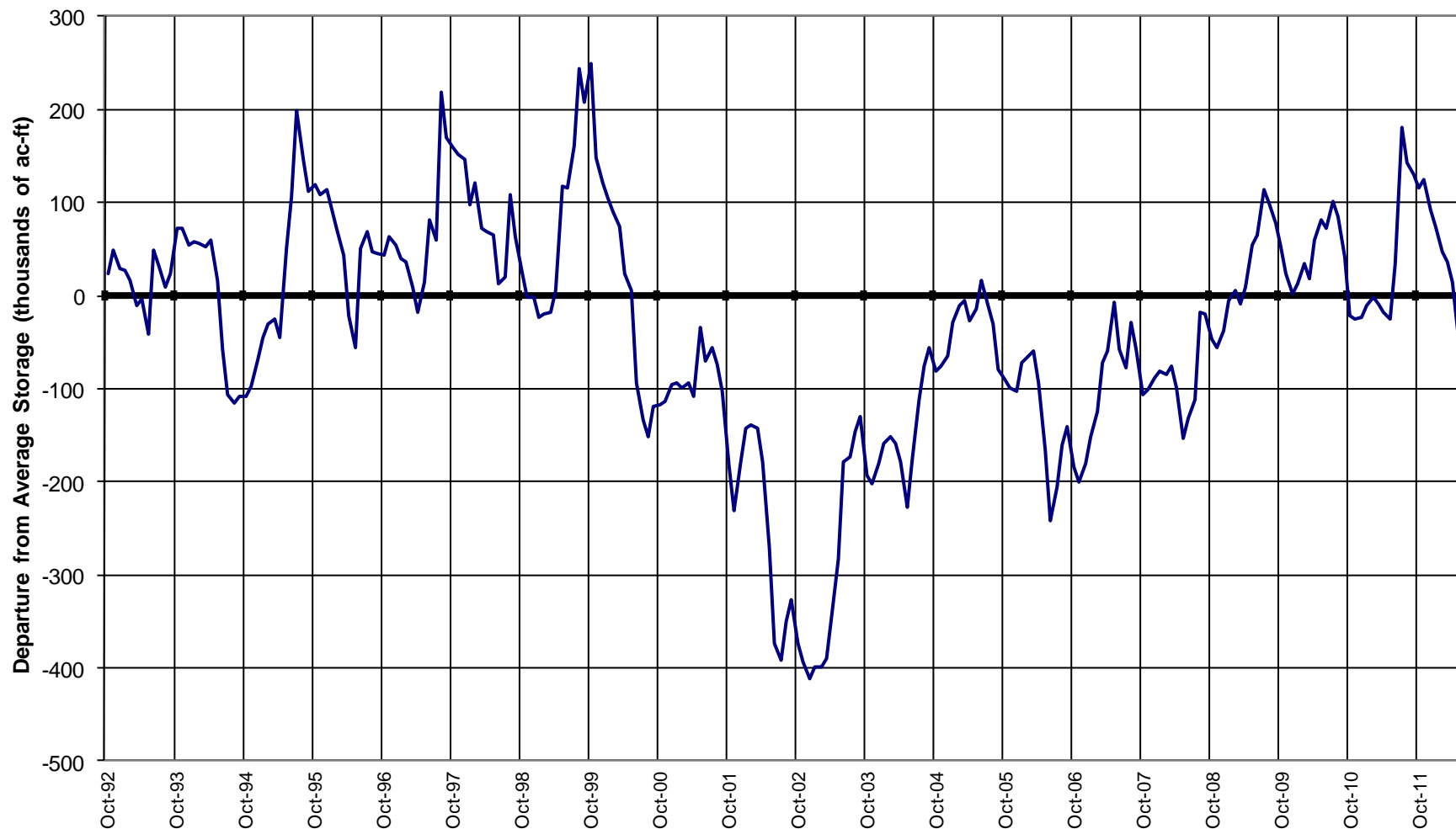
*Provisional Data
Subject to Revision*



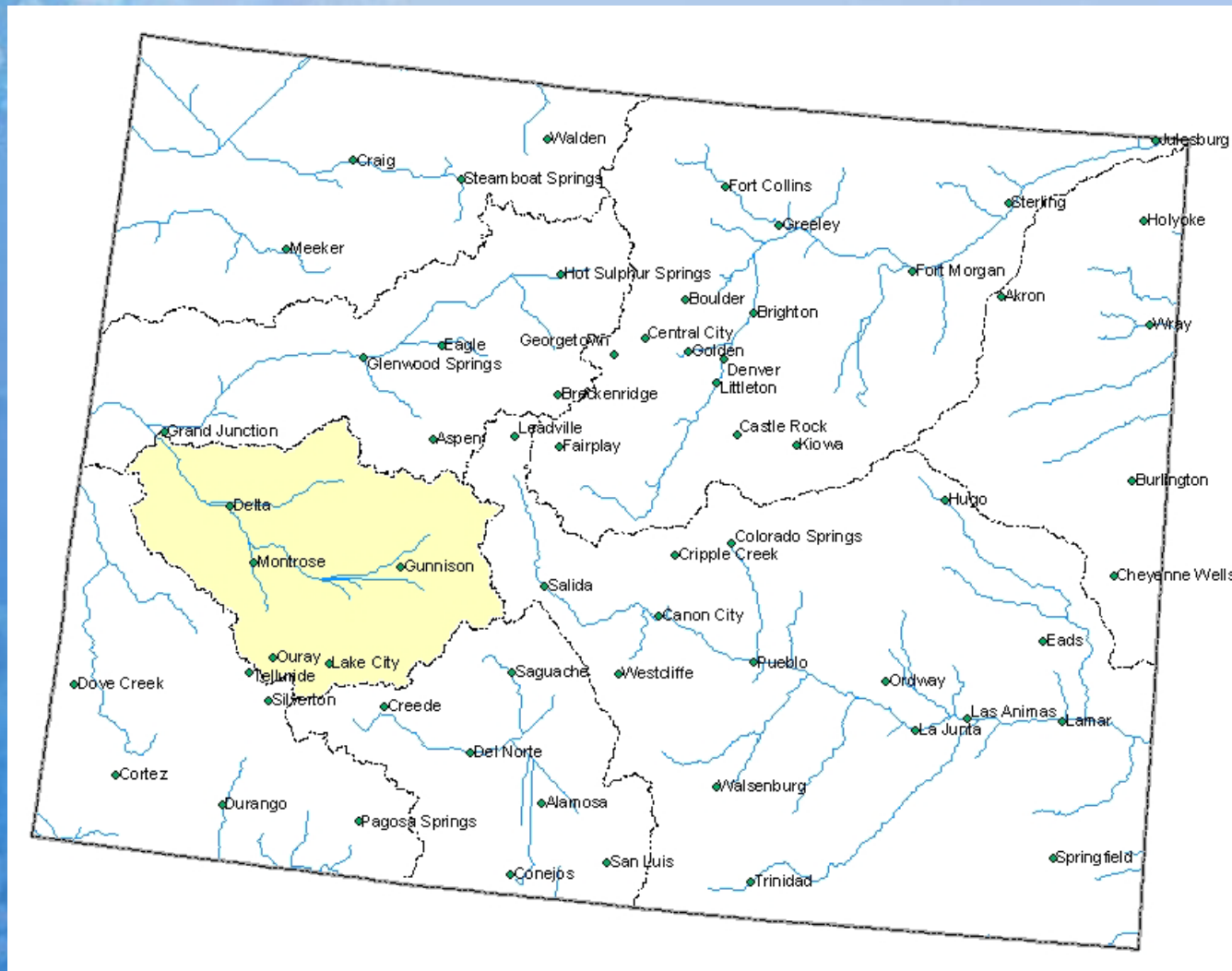
SOUTH PLATTE RIVER BASIN

Reservoir Storage

Departure from Average

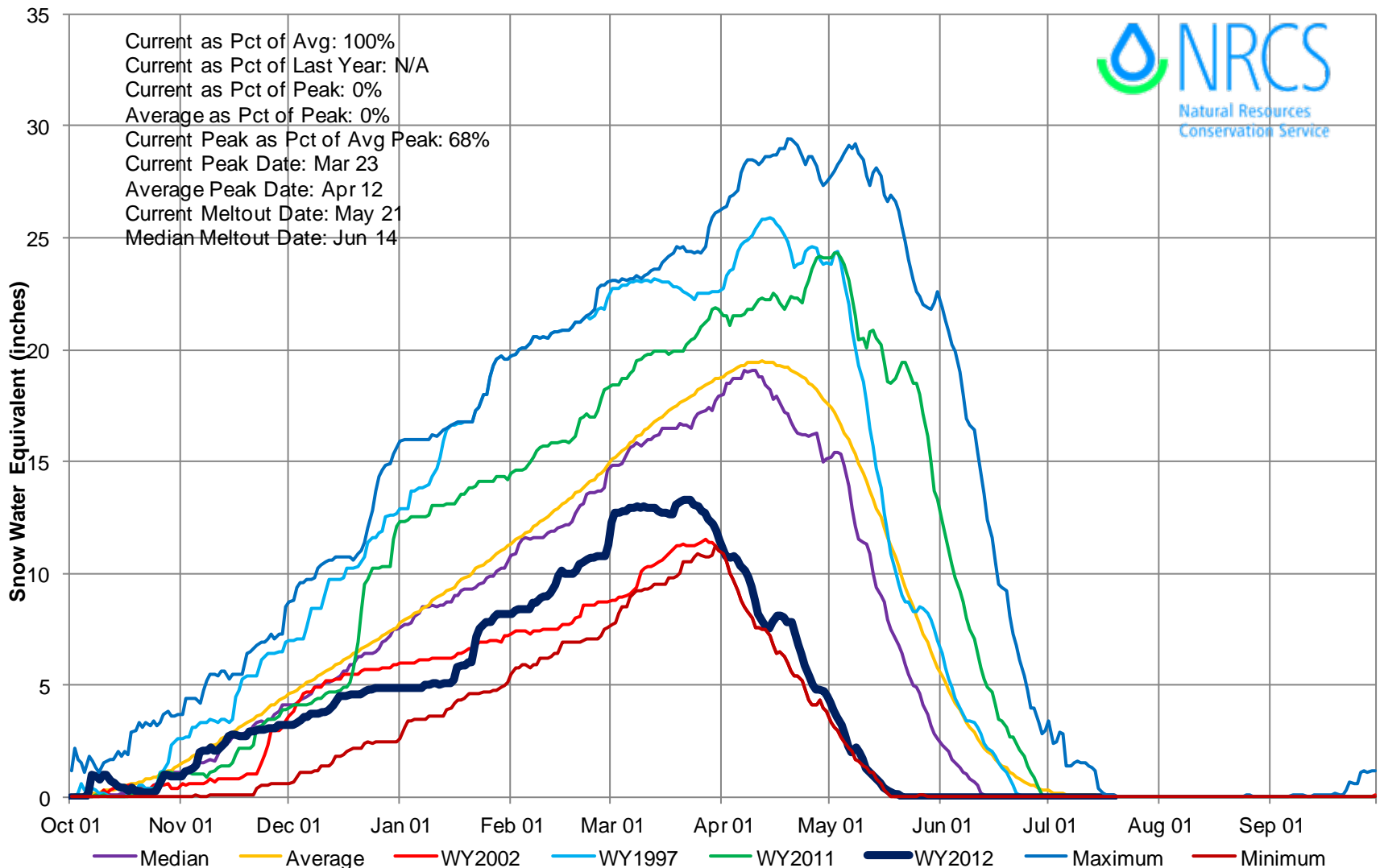


Gunnison River Basin Summary



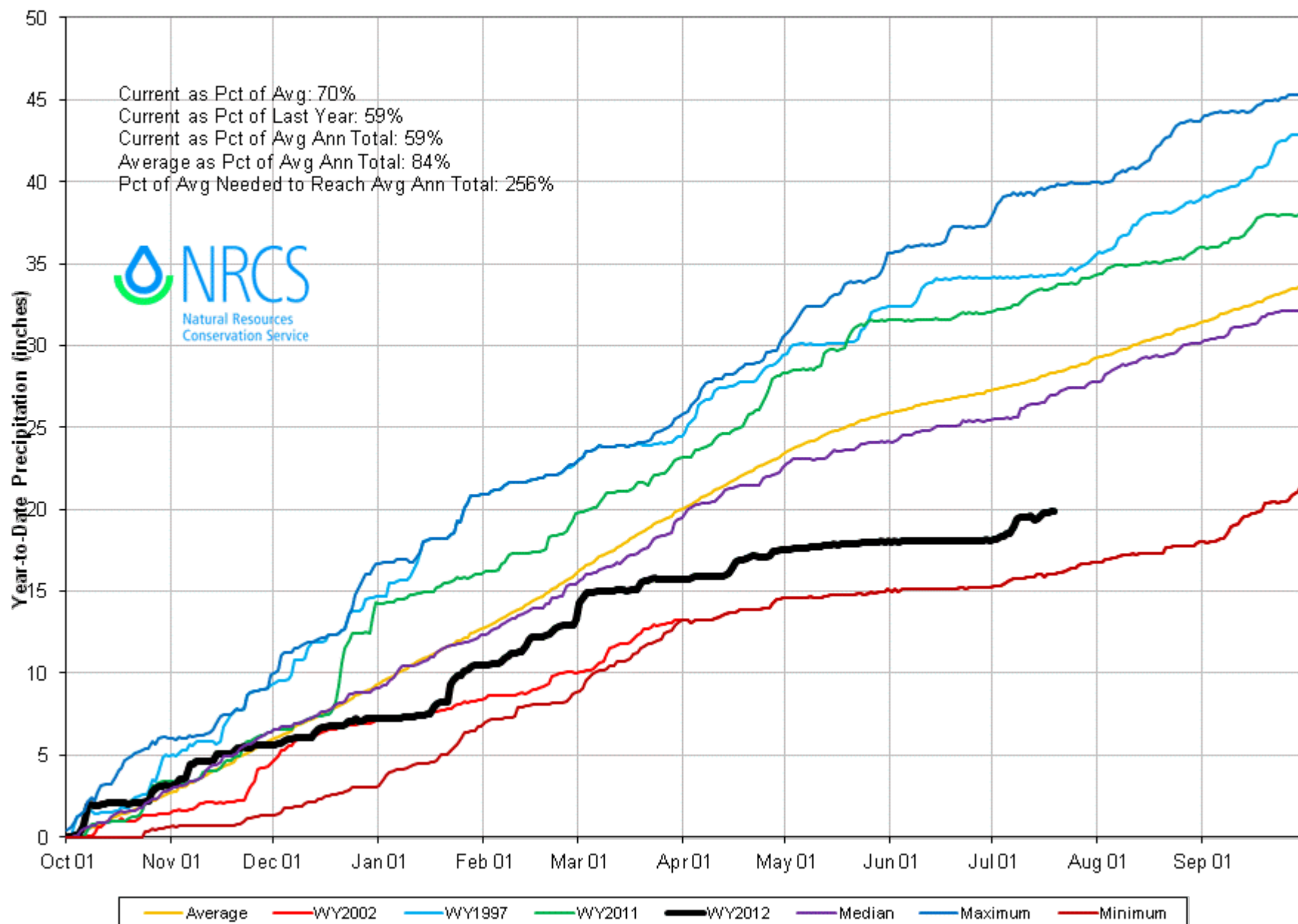
Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



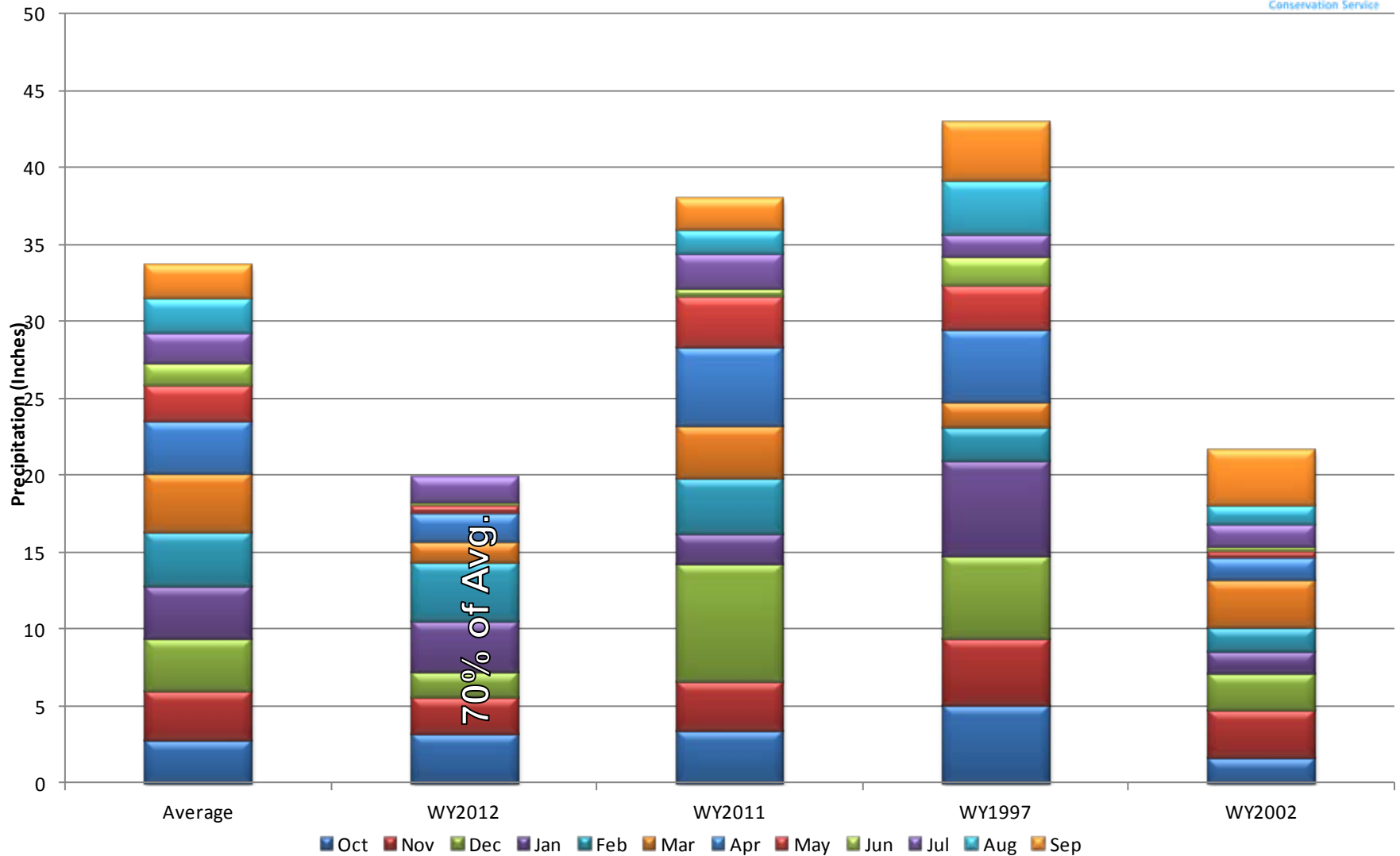
Gunnison River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



Gunnison River Basin High/Low Monthly Precipitation Summary

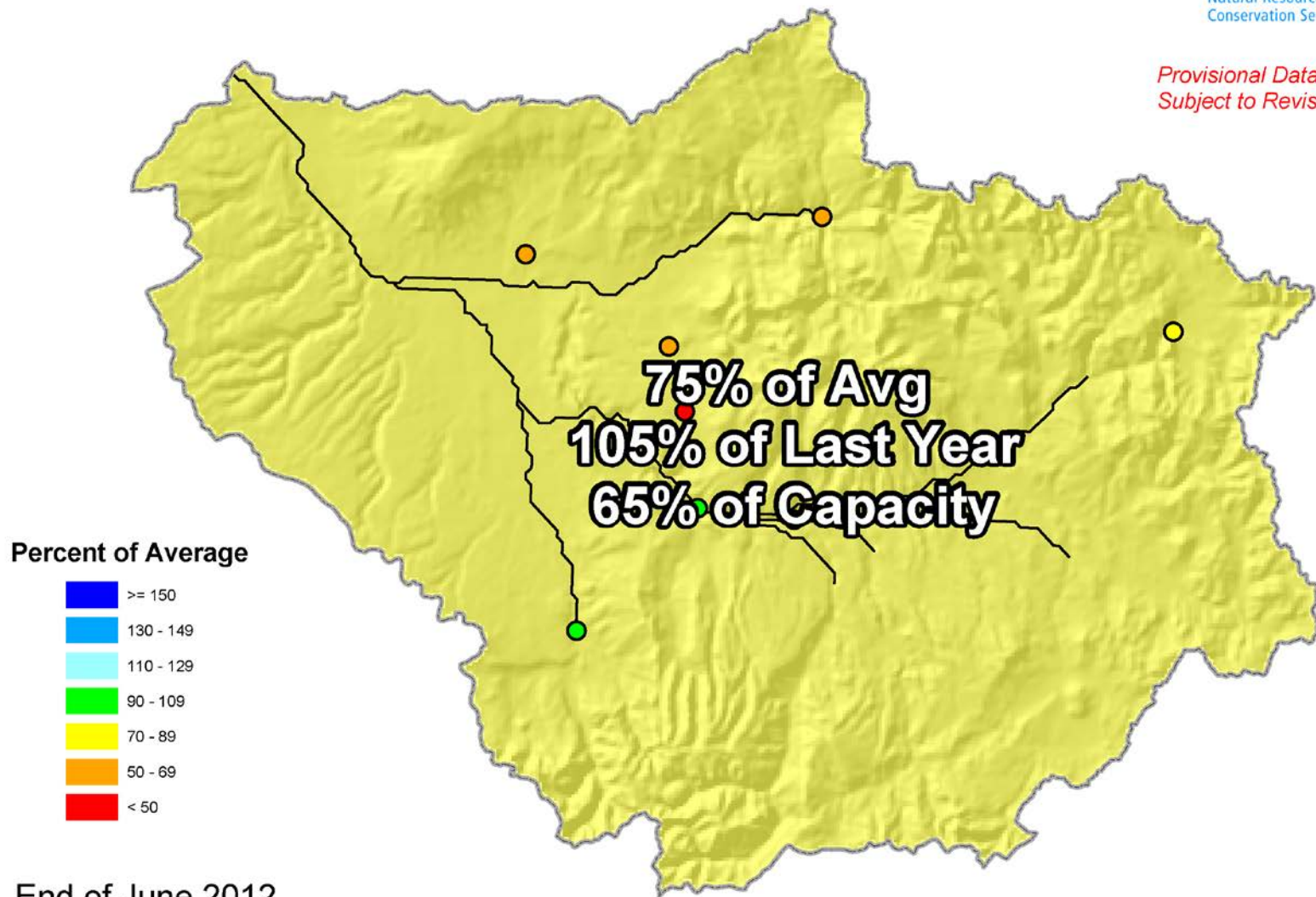
Based on Provisional SNOTEL data as of Jul 19, 2012



Gunnison River Basin Reservoir Storage Map

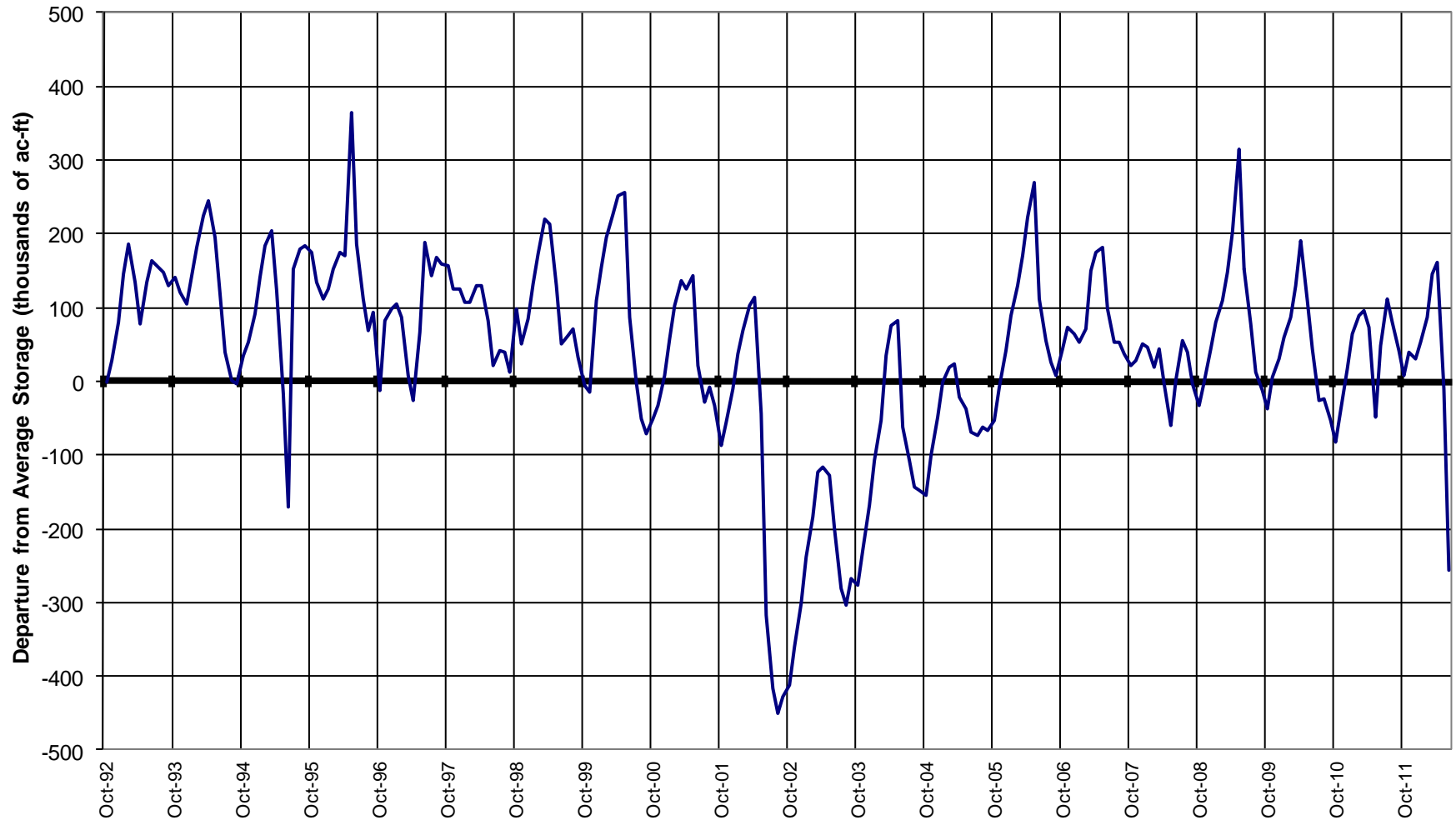


*Provisional Data
Subject to Revision*

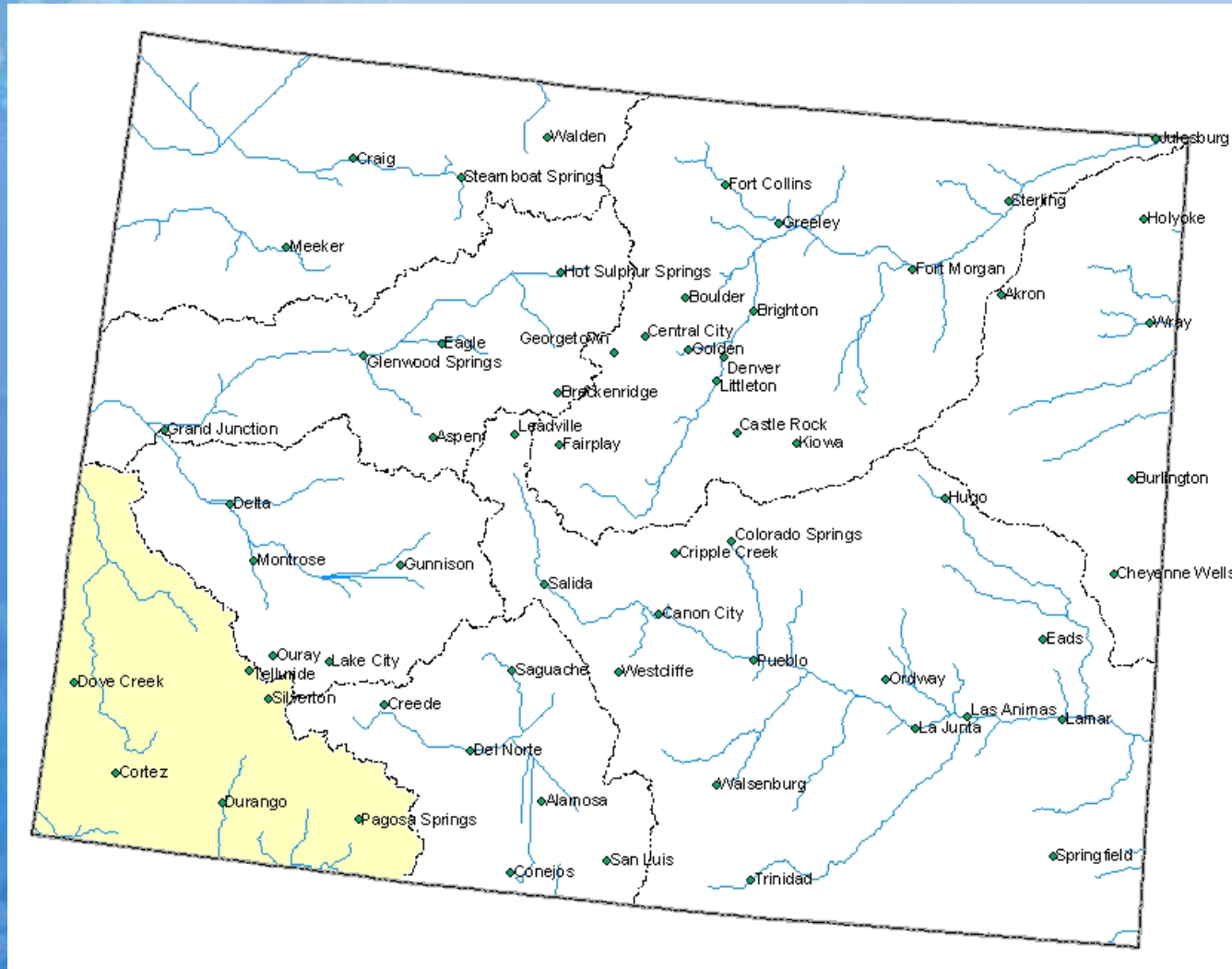


End of June 2012

GUNNISON RIVER BASIN
Reservoir Storage
Departure from Average

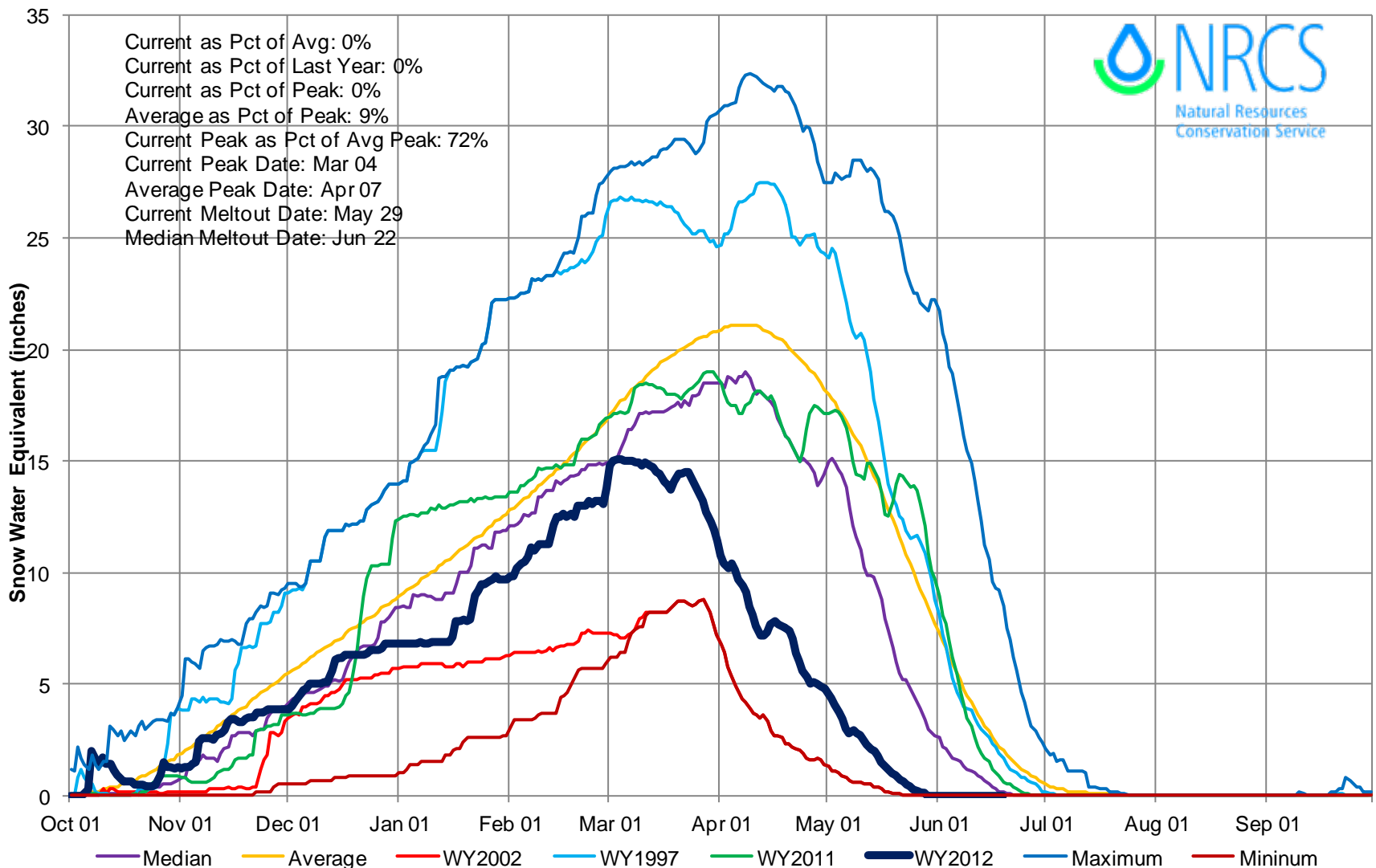


San Miguel, Dolores, Animas & San Juan River Basins Summary



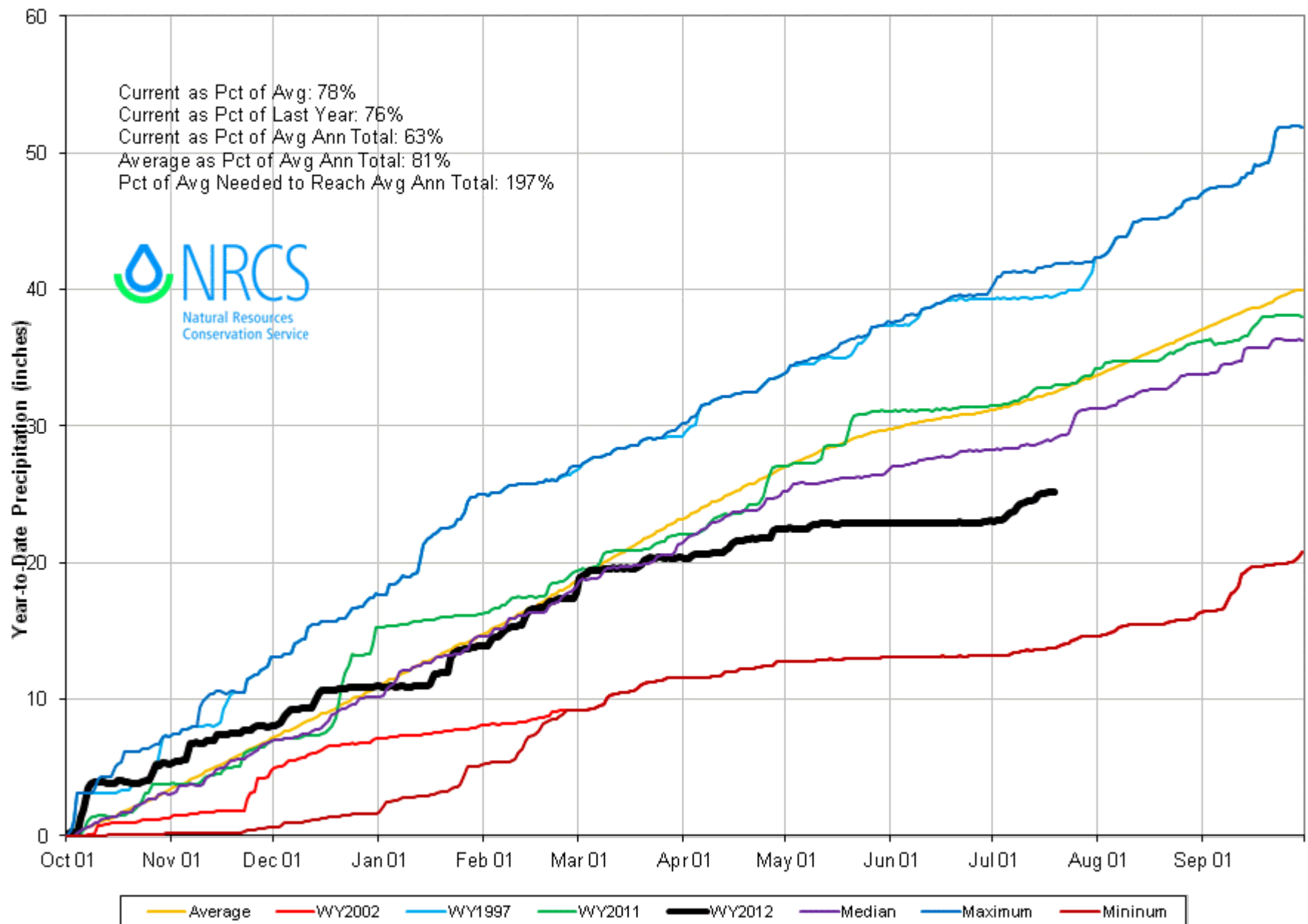
San Miguel, Dolores, Animas & San Juan River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jun 19, 2012



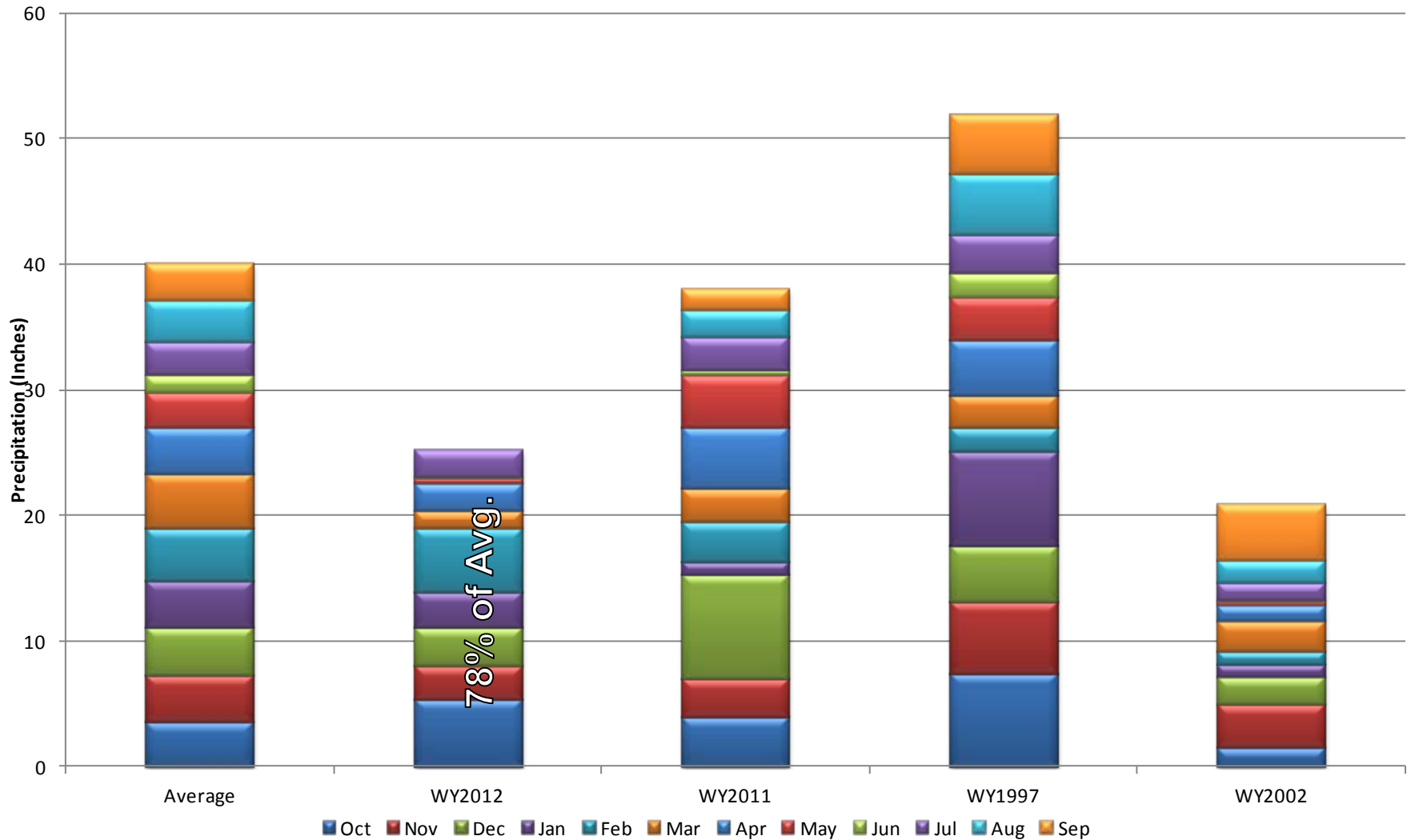
San Miguel, Dolores, Animas & San Juan River Basins High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



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

Based on Provisional SNOTEL data as of Jul 19, 2012



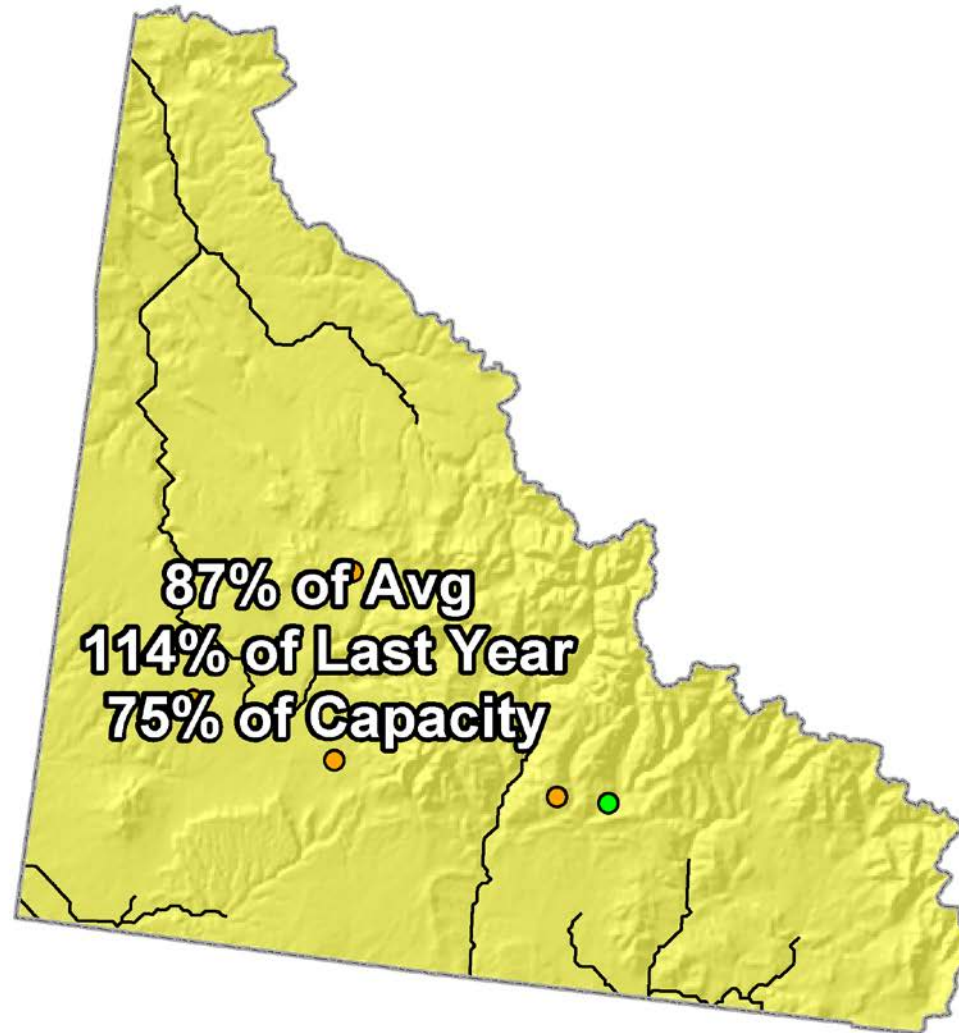
San Miguel, Dolores, Animas and San Juan River Basins Reservoir Storage Map



Percent of Average

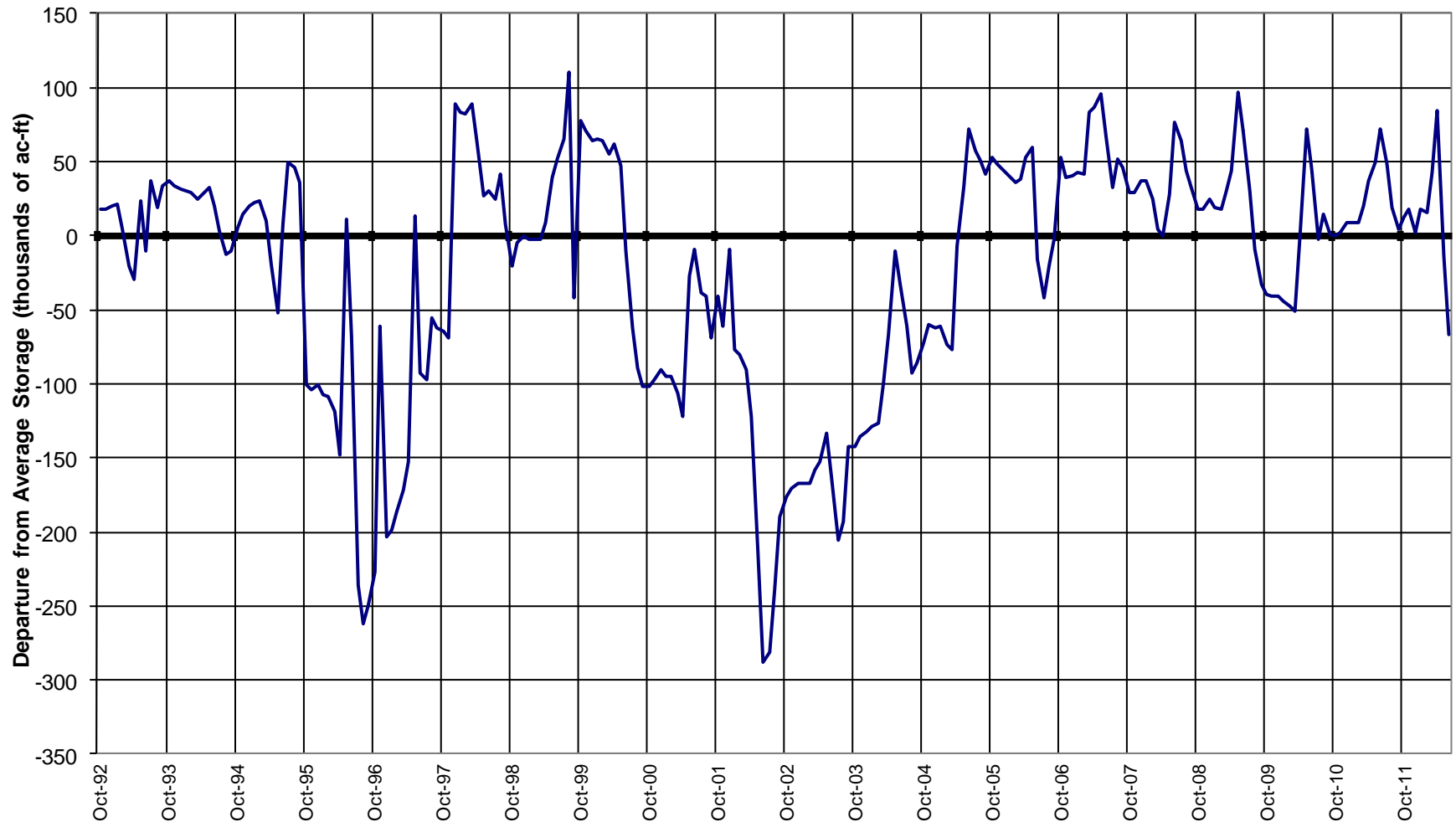


*Provisional Data
Subject to Revision*

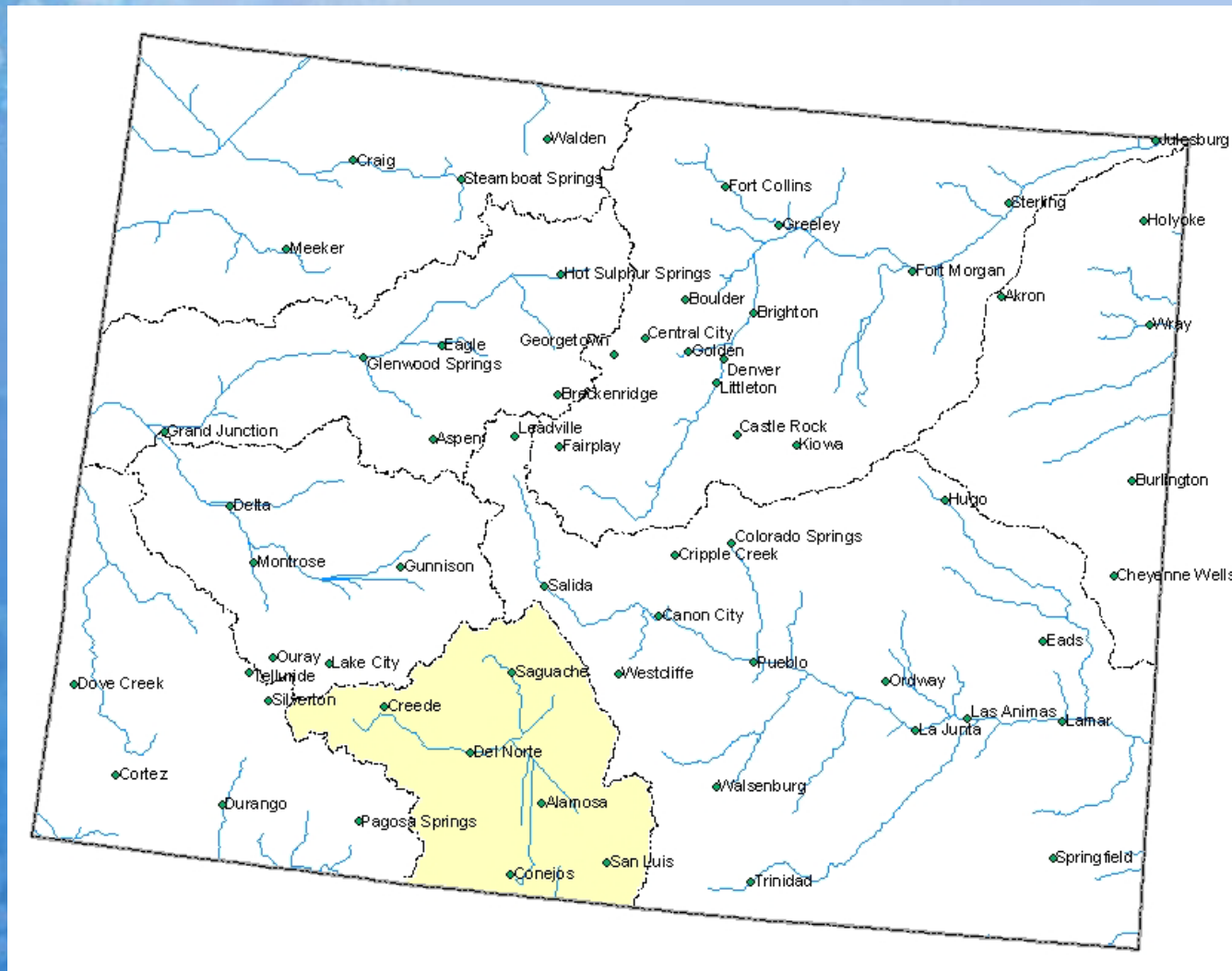


End of June 2012

SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS
Reservoir Storage
Departure from Average

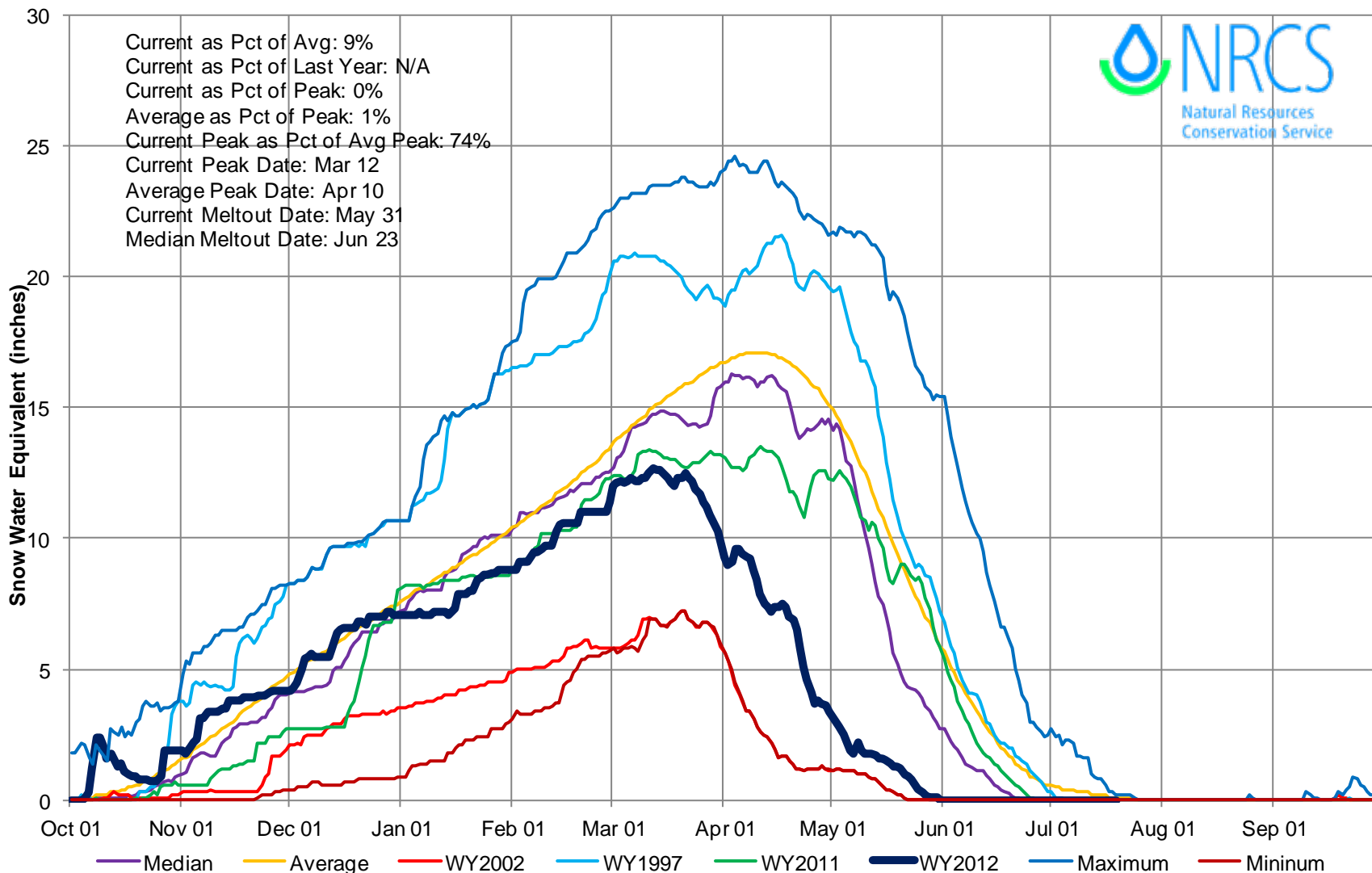


Upper Rio Grande Basin Summary



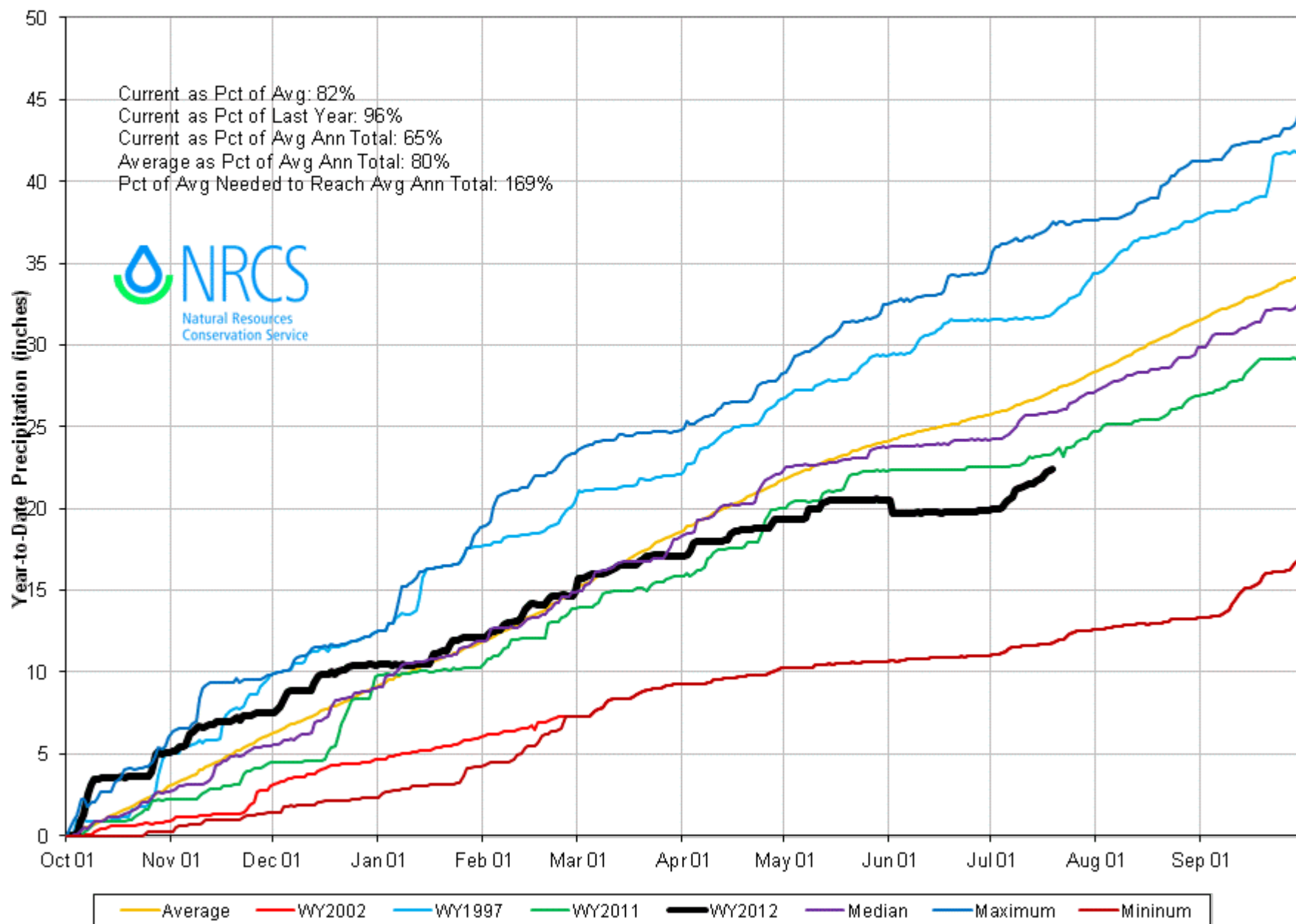
Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



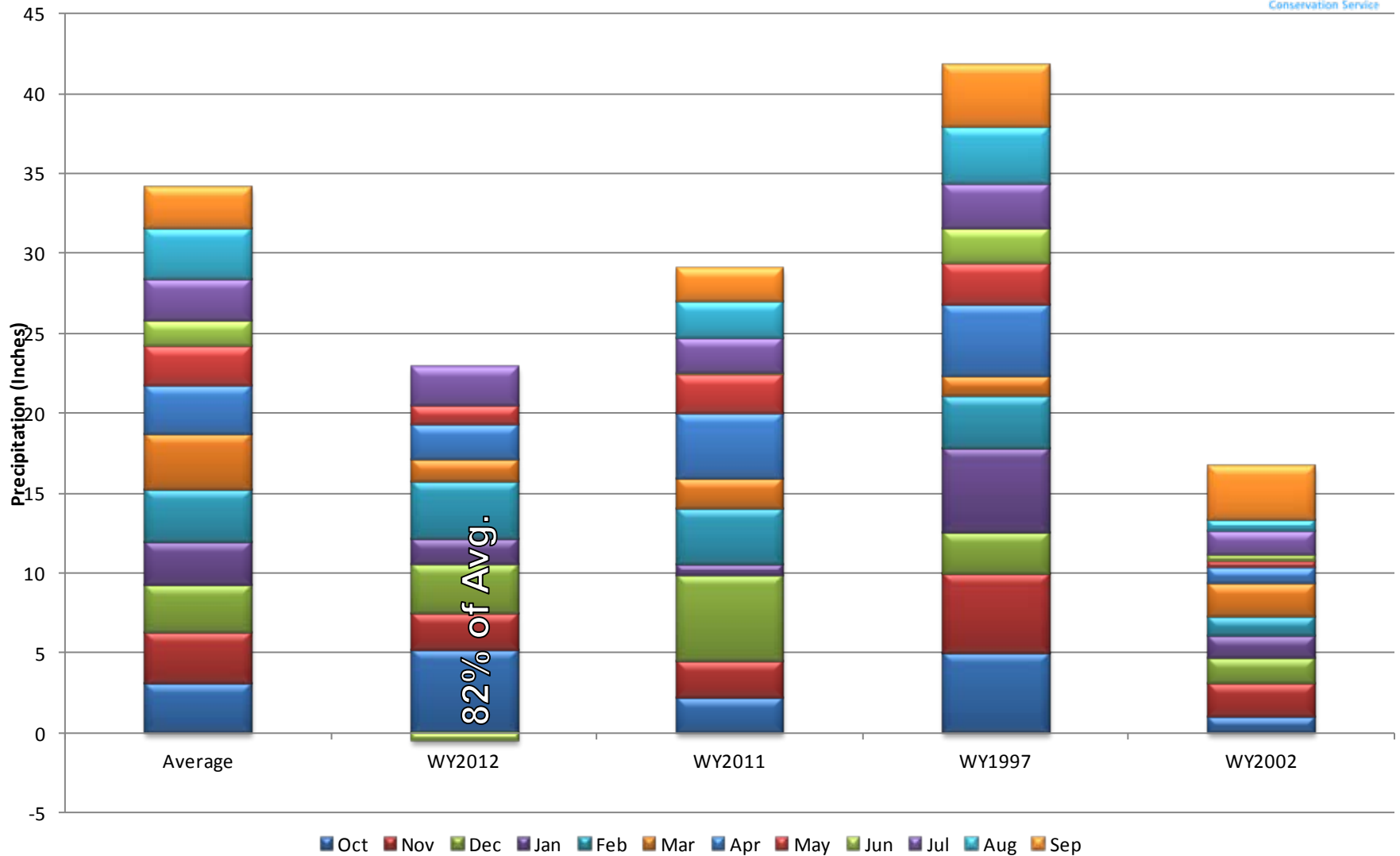
Upper Rio Grande Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



Upper Rio Grande Basin High/Low Monthly Precipitation Summary

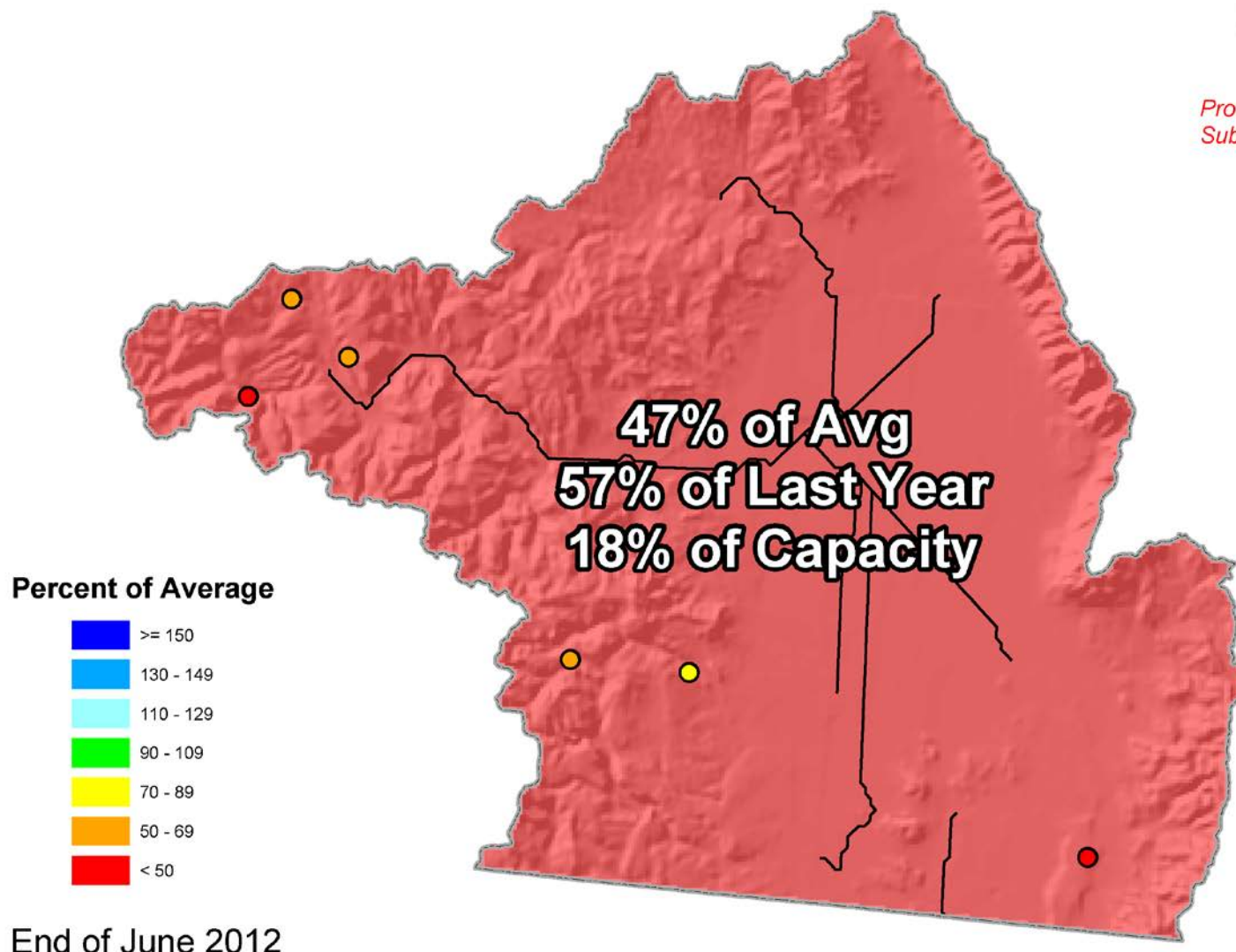
Based on Provisional SNOTEL data as of Jul 19, 2012



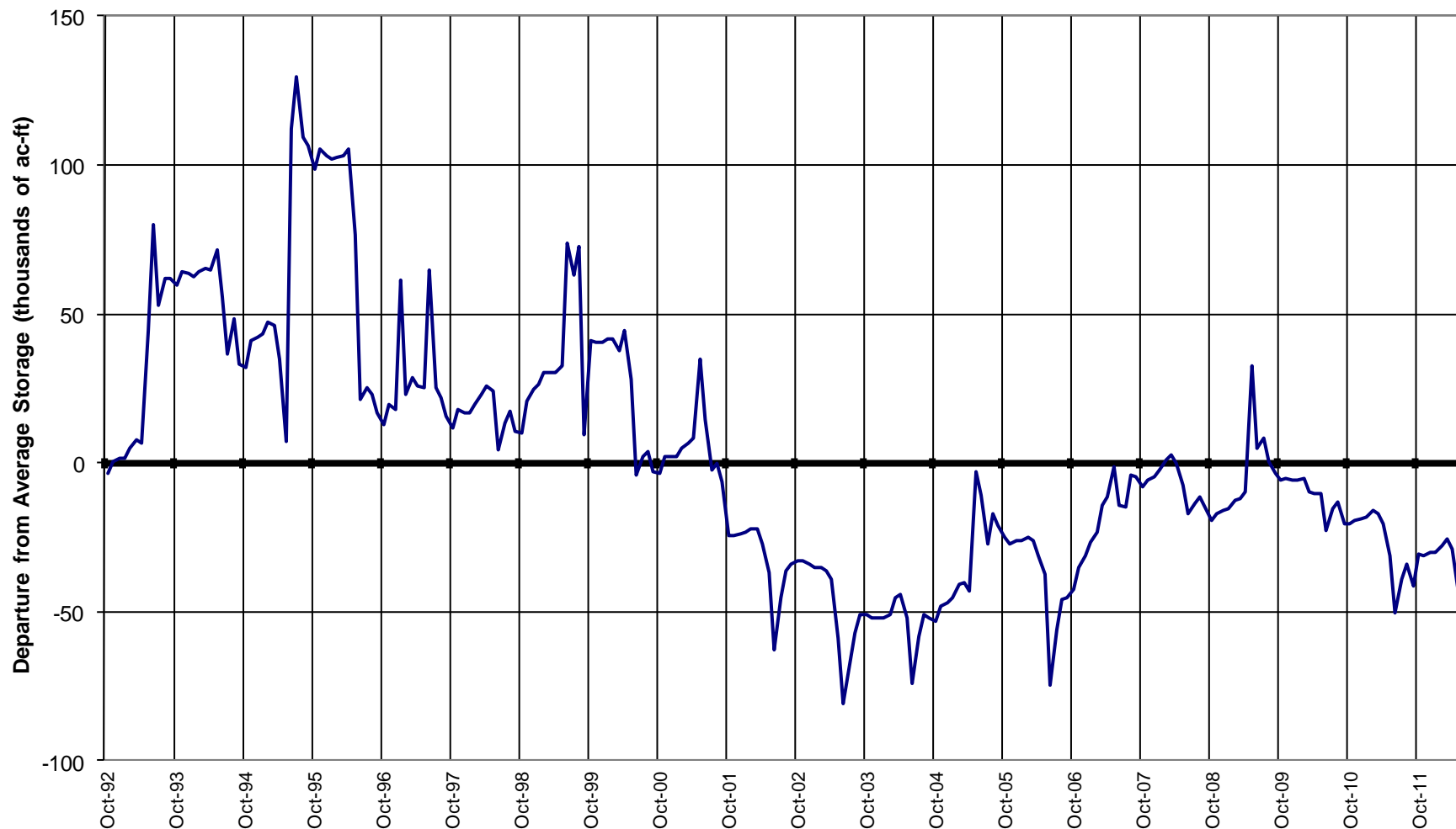
Upper Rio Grande Basin Reservoir Storage Map



*Provisional Data
Subject to Revision*



UPPER RIO GRANDE BASIN
Reservoir Storage
Departure from Average

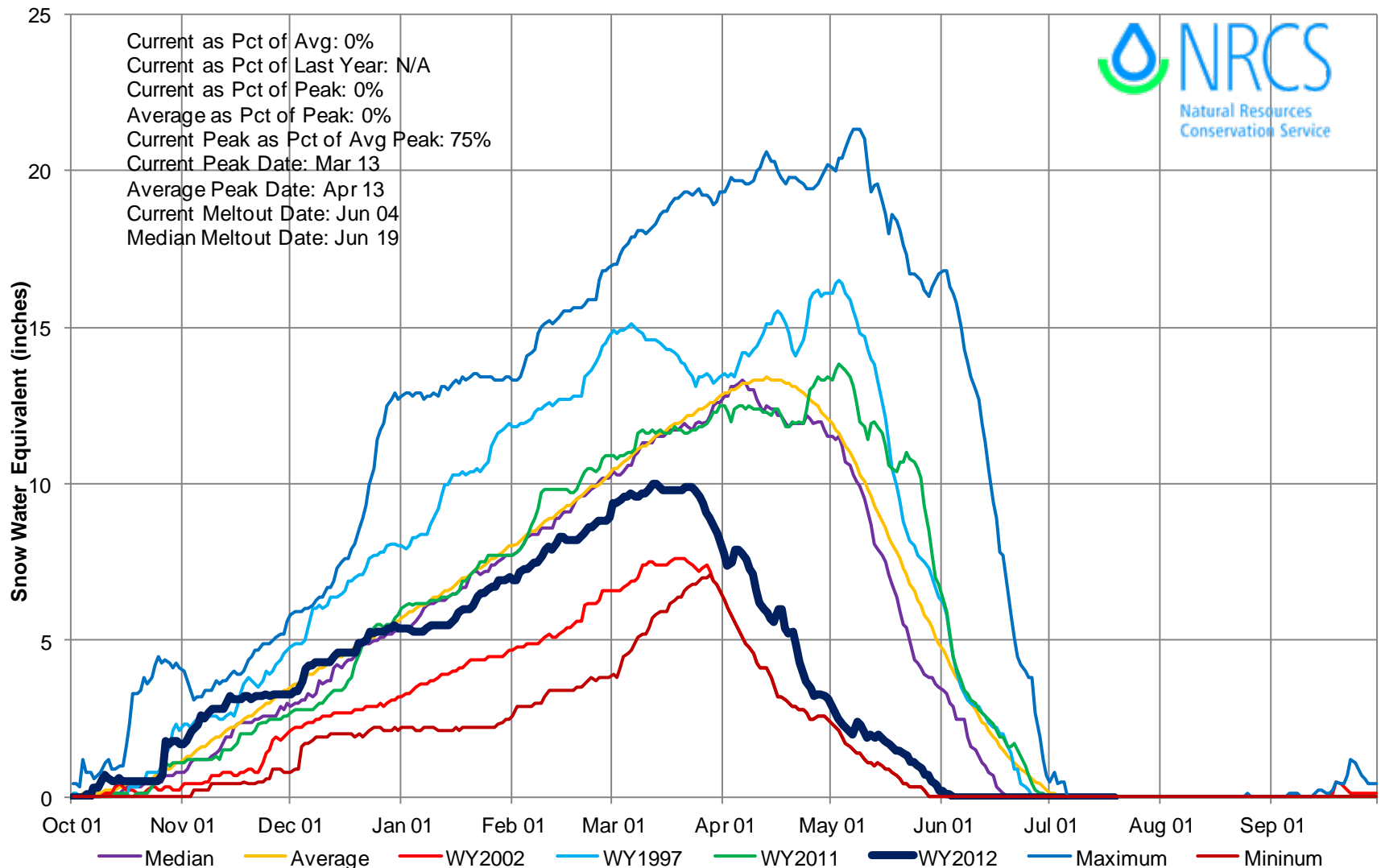


A map of the state of Colorado, outlined in black. The map shows the state's borders with neighboring states: Utah to the west, Arizona to the south, and Kansas, Nebraska, and Oklahoma to the east. Major cities are marked with black dots and labeled. The cities include: Walden, Craig, Steamboat Springs, Meeker, Fort Collins, Greeley, Sterling, Holyoke, Hot Sulphur Springs, Boulder, Brighton, Fort Morgan, Akron, Wray, Georgetown, Central City, Golden, Denver, Littleton, Castle Rock, Kiowa, Aspen, Leadville, Fairplay, Brackenridge, Grand Junction, Delta, Montrose, Gunnison, Salida, Cripple Creek, Colorado Springs, Hugo, Burlington, Cheyenne Wells, Ouray, Telluride, Lake City, Silverton, Creede, Saguache, Westcliffe, Canon City, Pueblo, Eads, Ordway, Las Animas, Lamar, Dove Creek, Cortez, Durango, Pagosa Springs, Del Norte, Alamosa, Walsenburg, La Junta, San Luis, Conejos, Trinidad, and Springfield. The map also shows several major rivers in blue, including the Colorado River, Arkansas River, and Rio Grande.



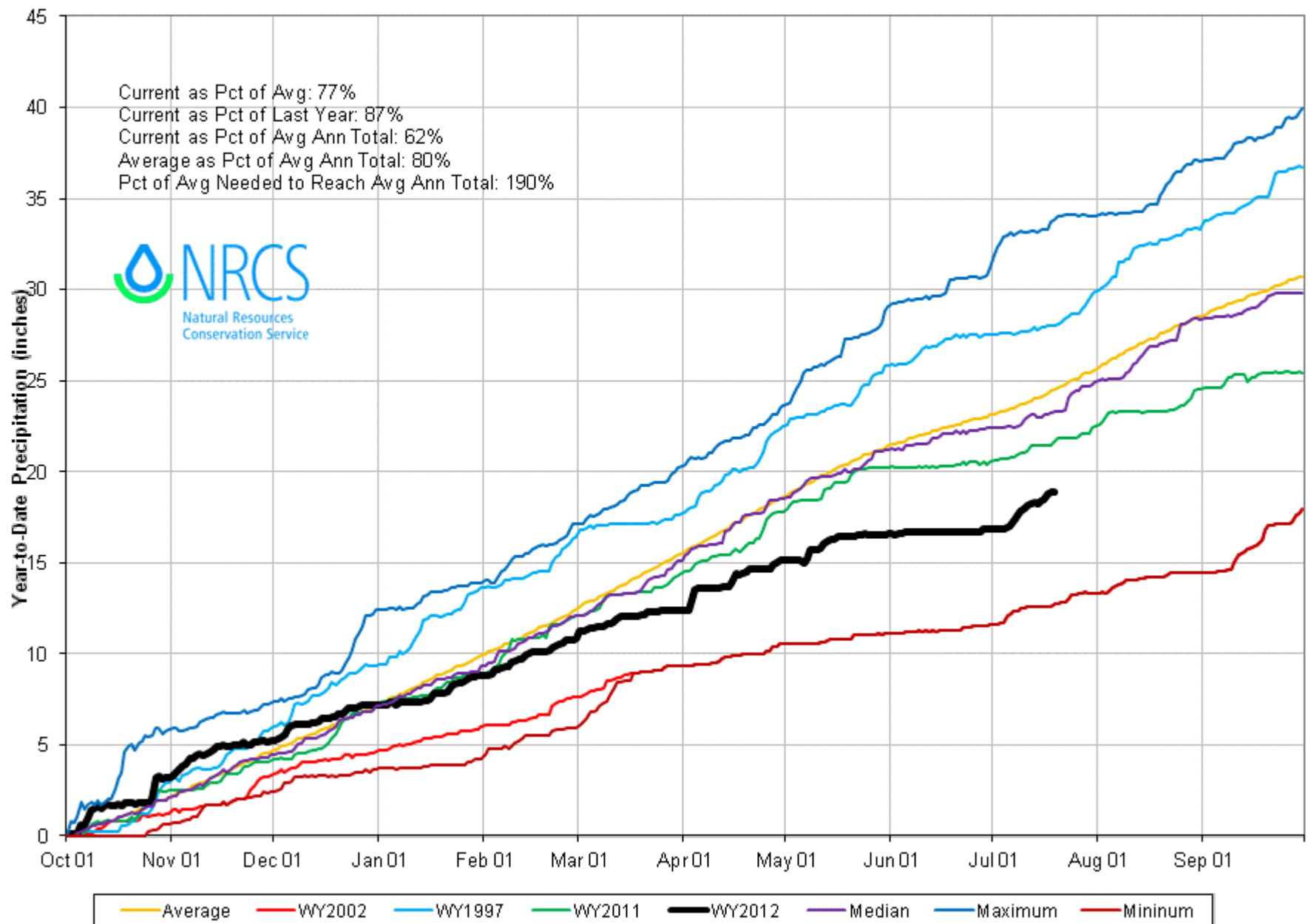
Arkansas River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



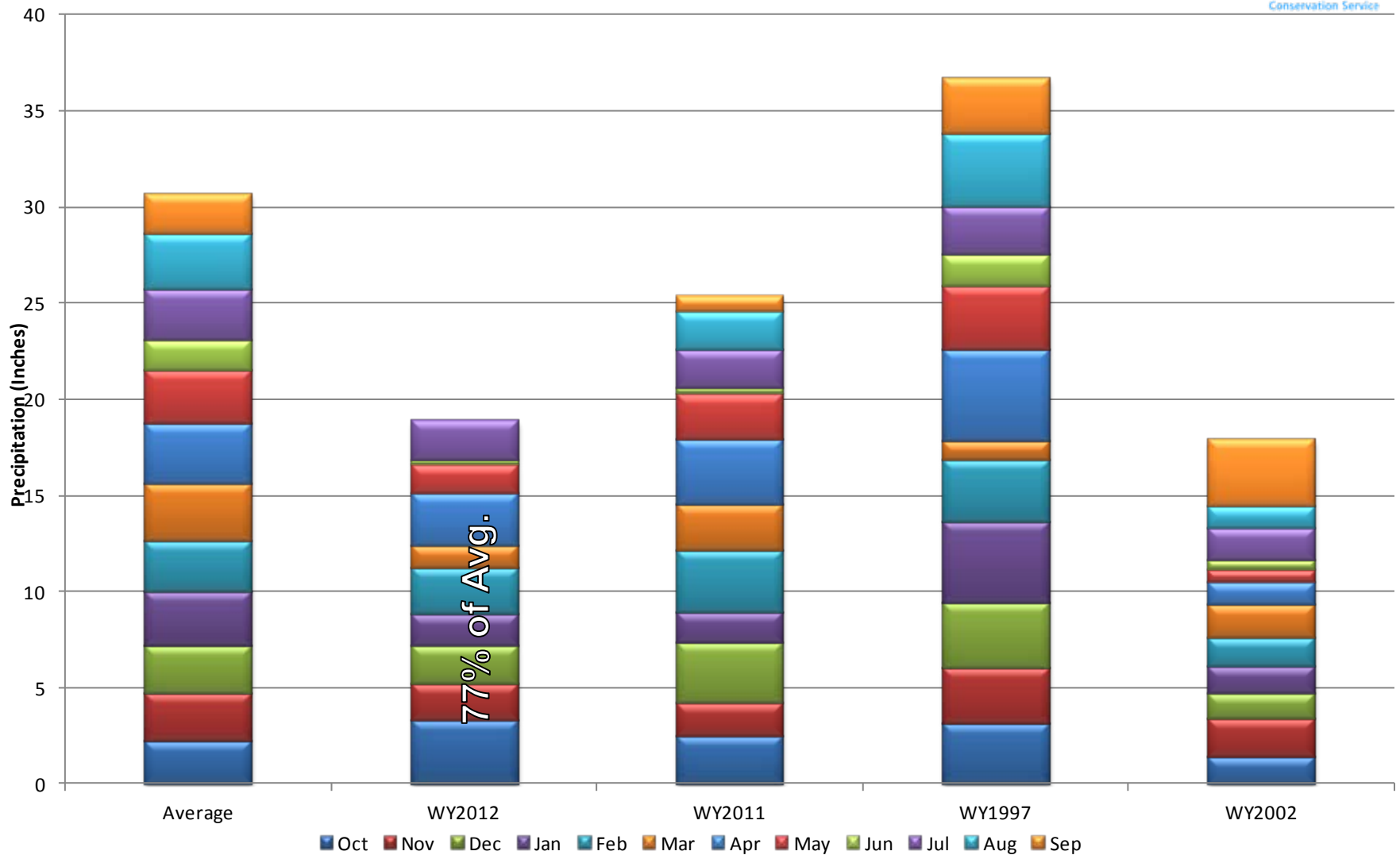
Arkansas River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 19, 2012



Arkansas River Basin High/Low Monthly Precipitation Summary

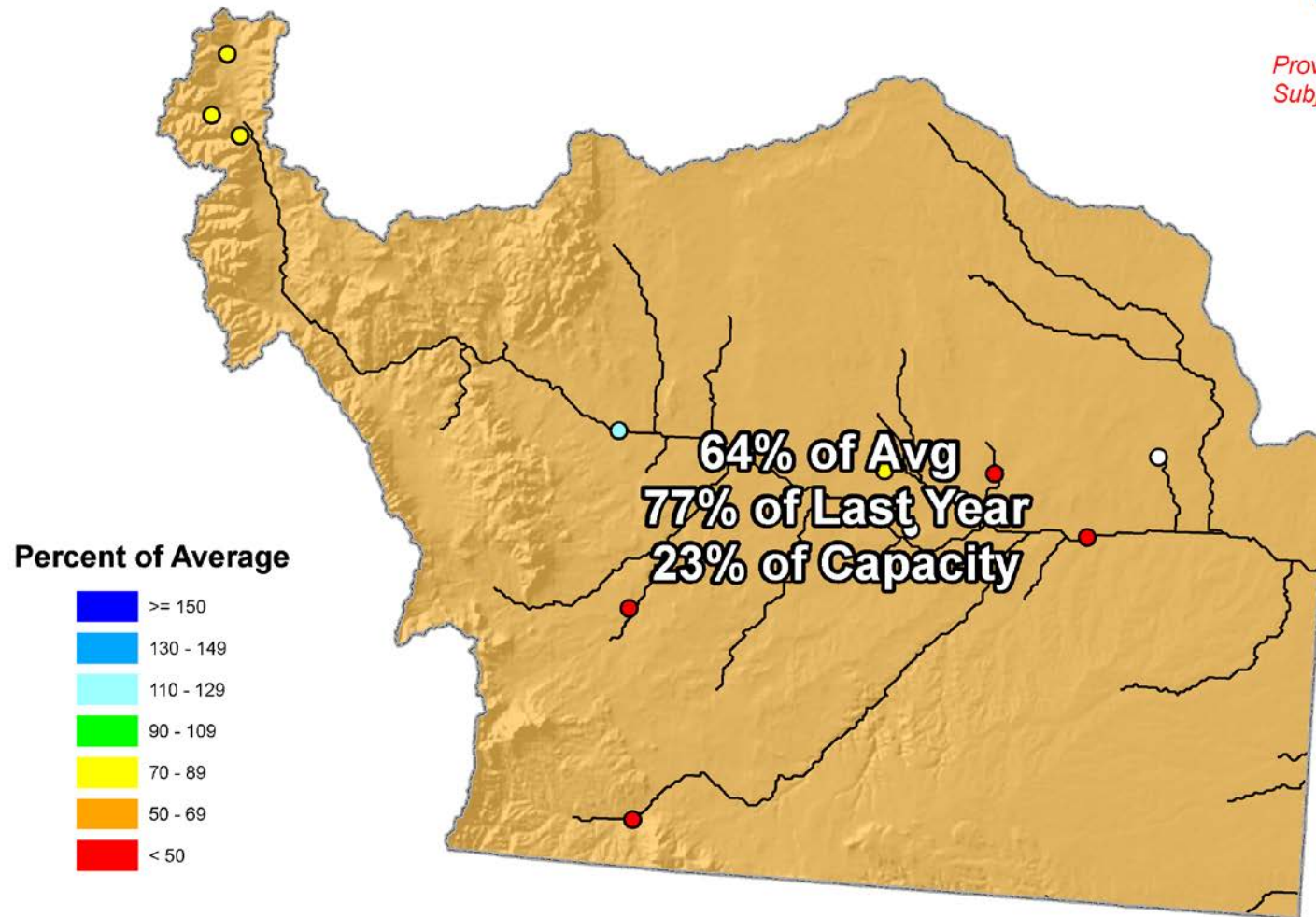
Based on Provisional SNOTEL data as of Jul 19, 2012



Arkansas River Basin Reservoir Storage Map

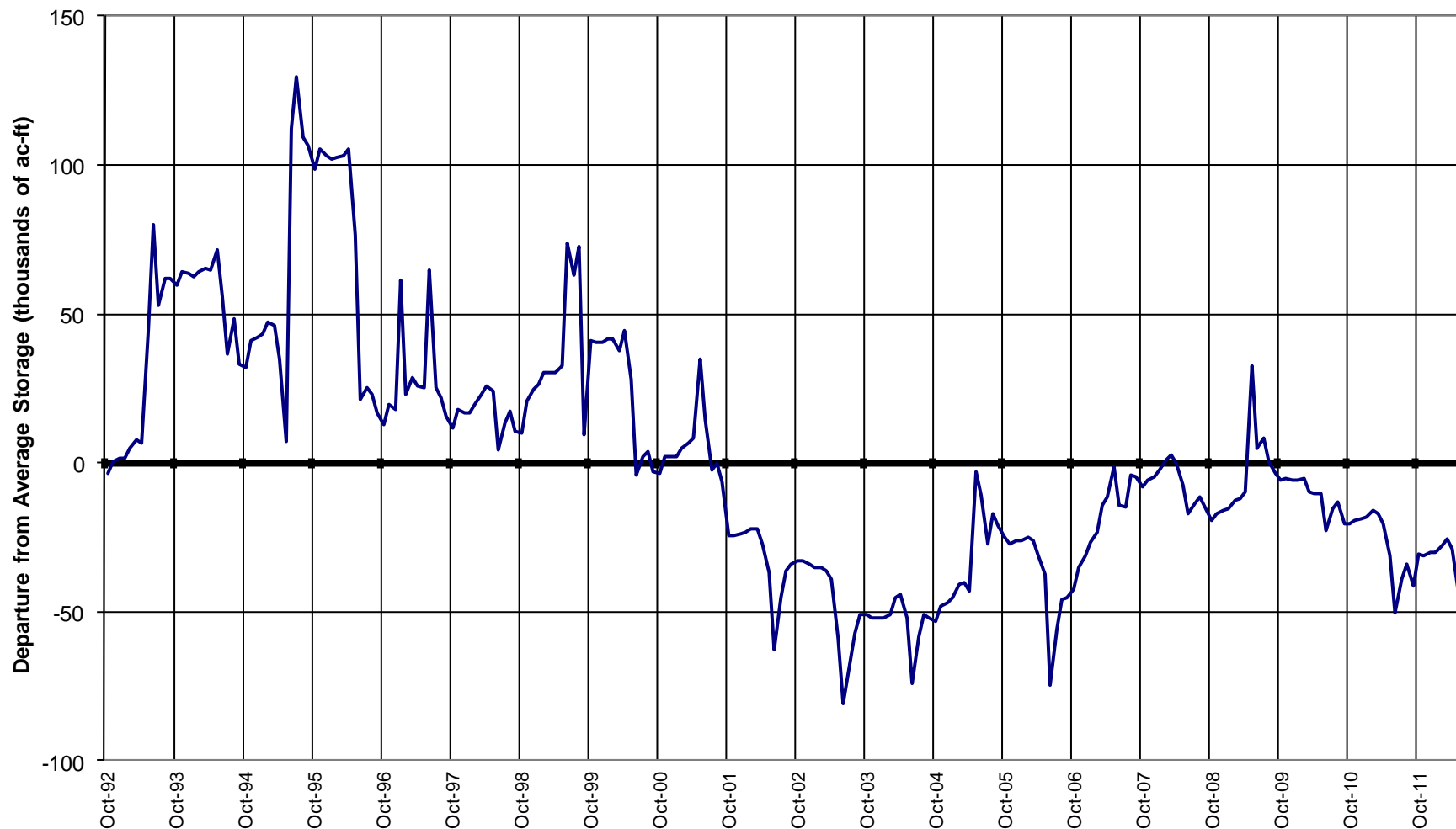


*Provisional Data
Subject to Revision*

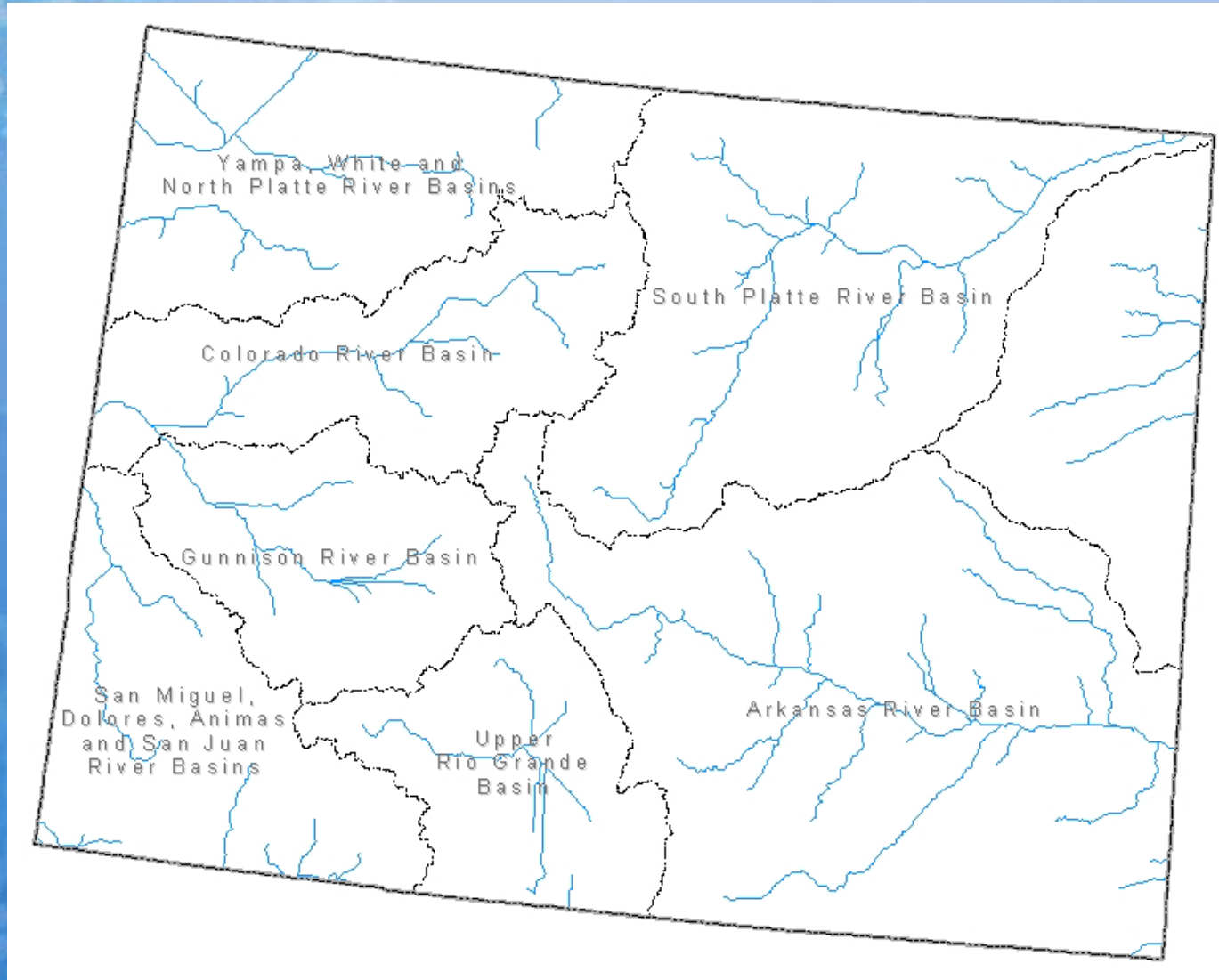


End of June 2012

UPPER RIO GRANDE BASIN
Reservoir Storage
Departure from Average

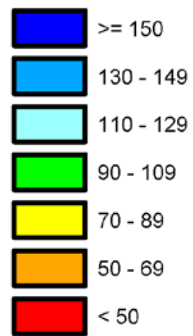


Colorado Statewide Summary

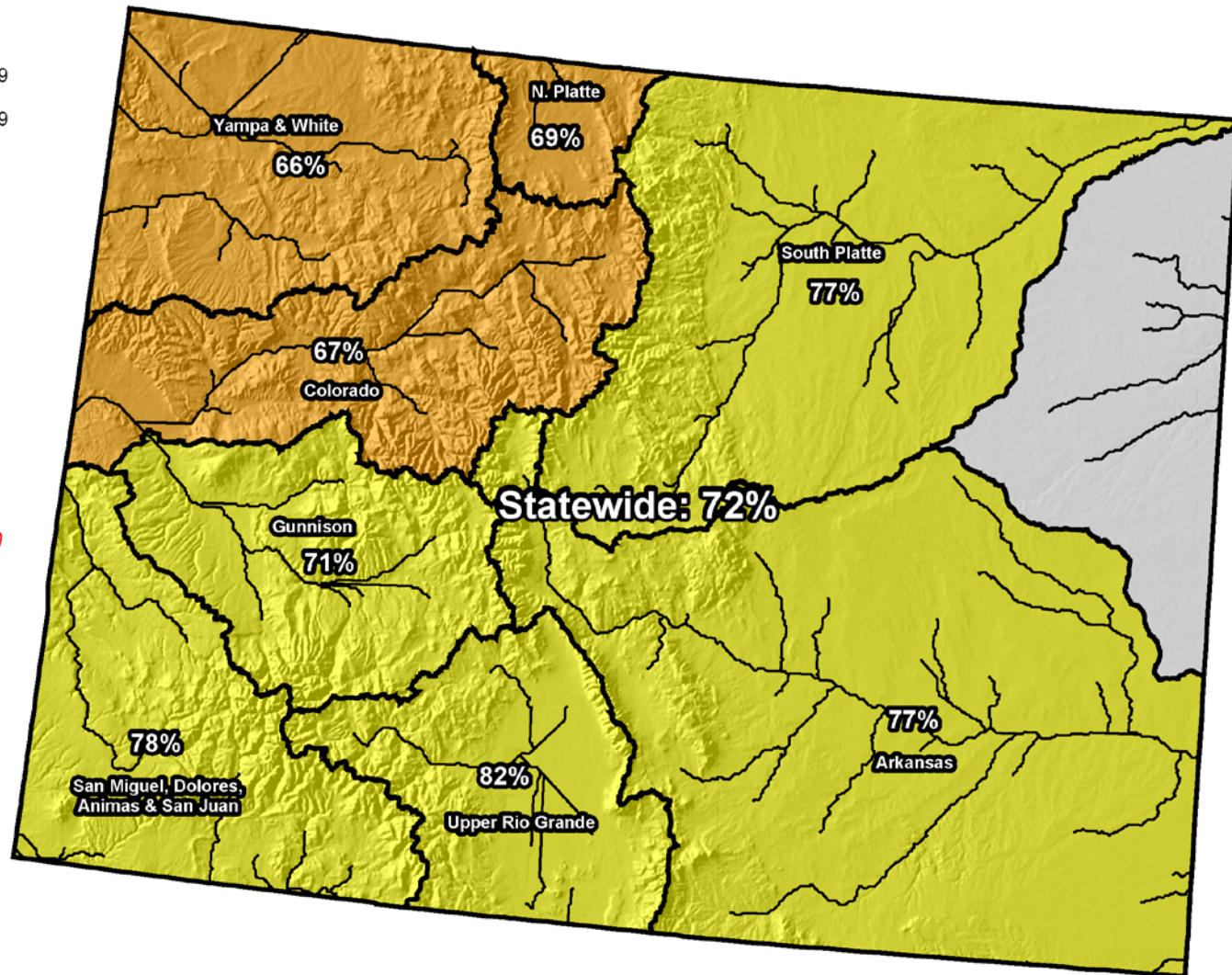


Colorado SNOTEL Water Year-to-Date Precipitation Update Map

Percent of Average



*Provisional Data
Subject to Revision*



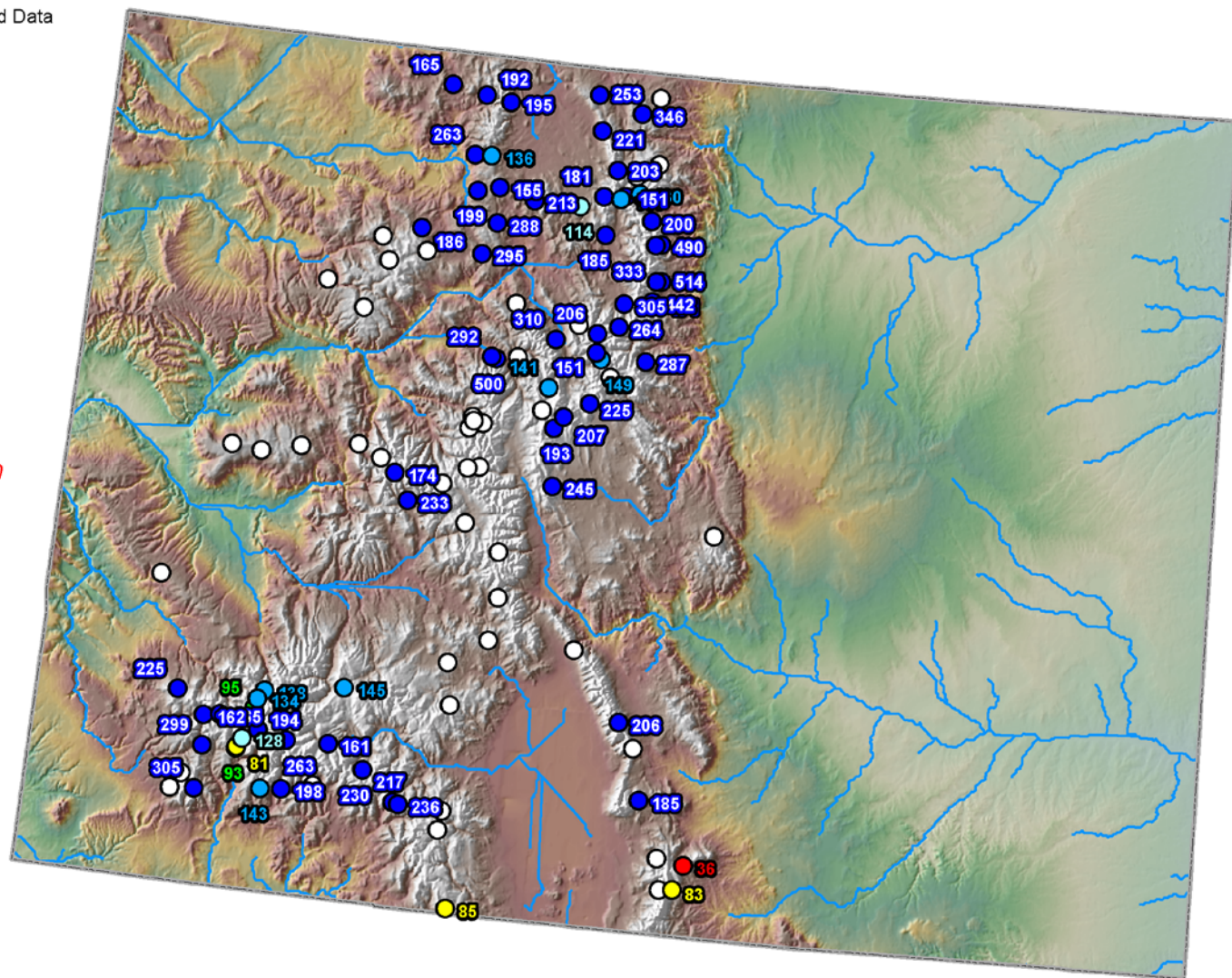
Current as of Jul 19, 2012

Colorado SNOTEL Month-to-Date Precipitation

Percent of Average

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

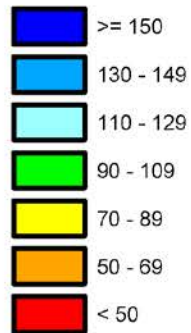
*Provisional Data
Subject to Revision*



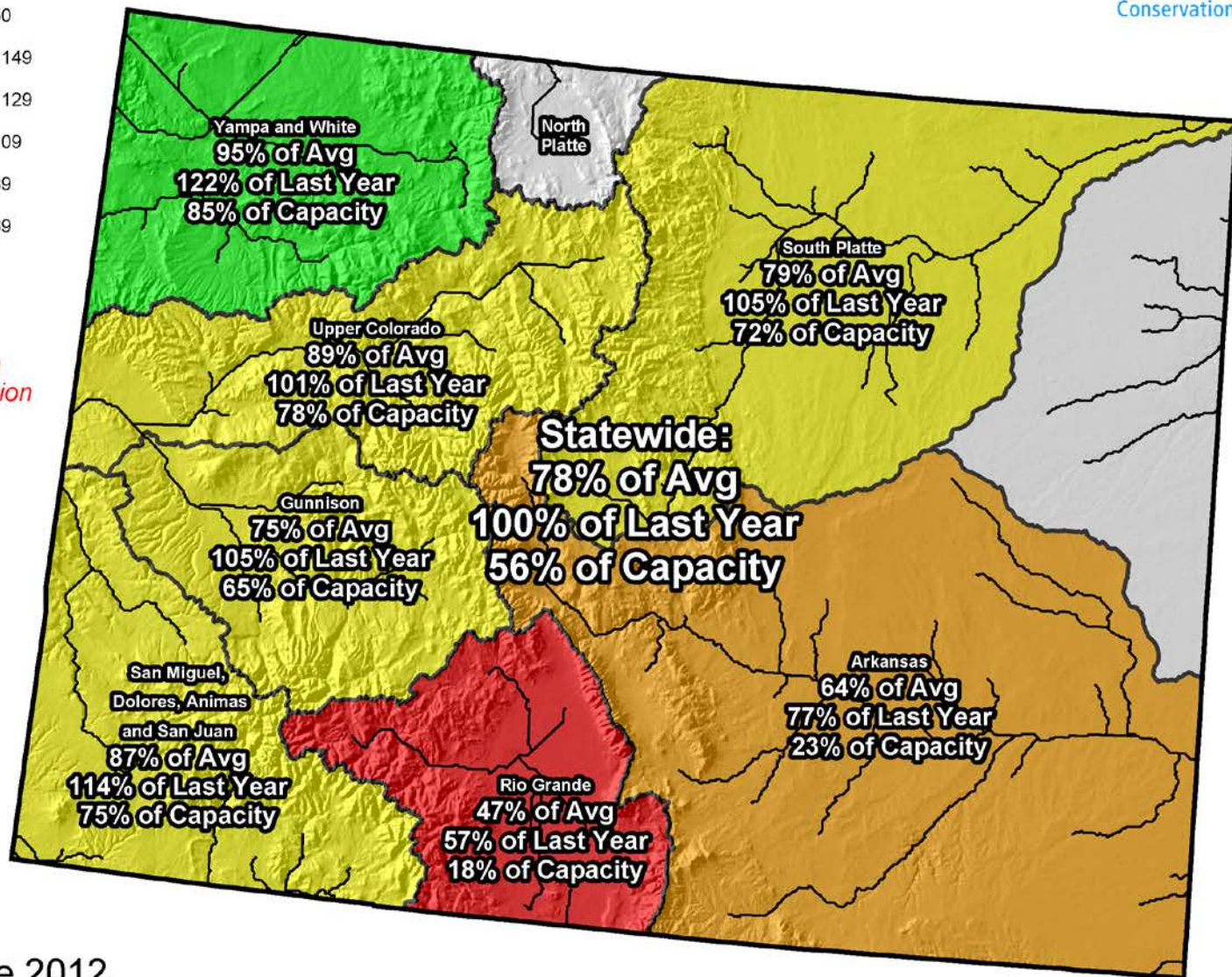
Current as of Jul 19, 2012

Colorado Reservoir Storage Map

Percent of Average

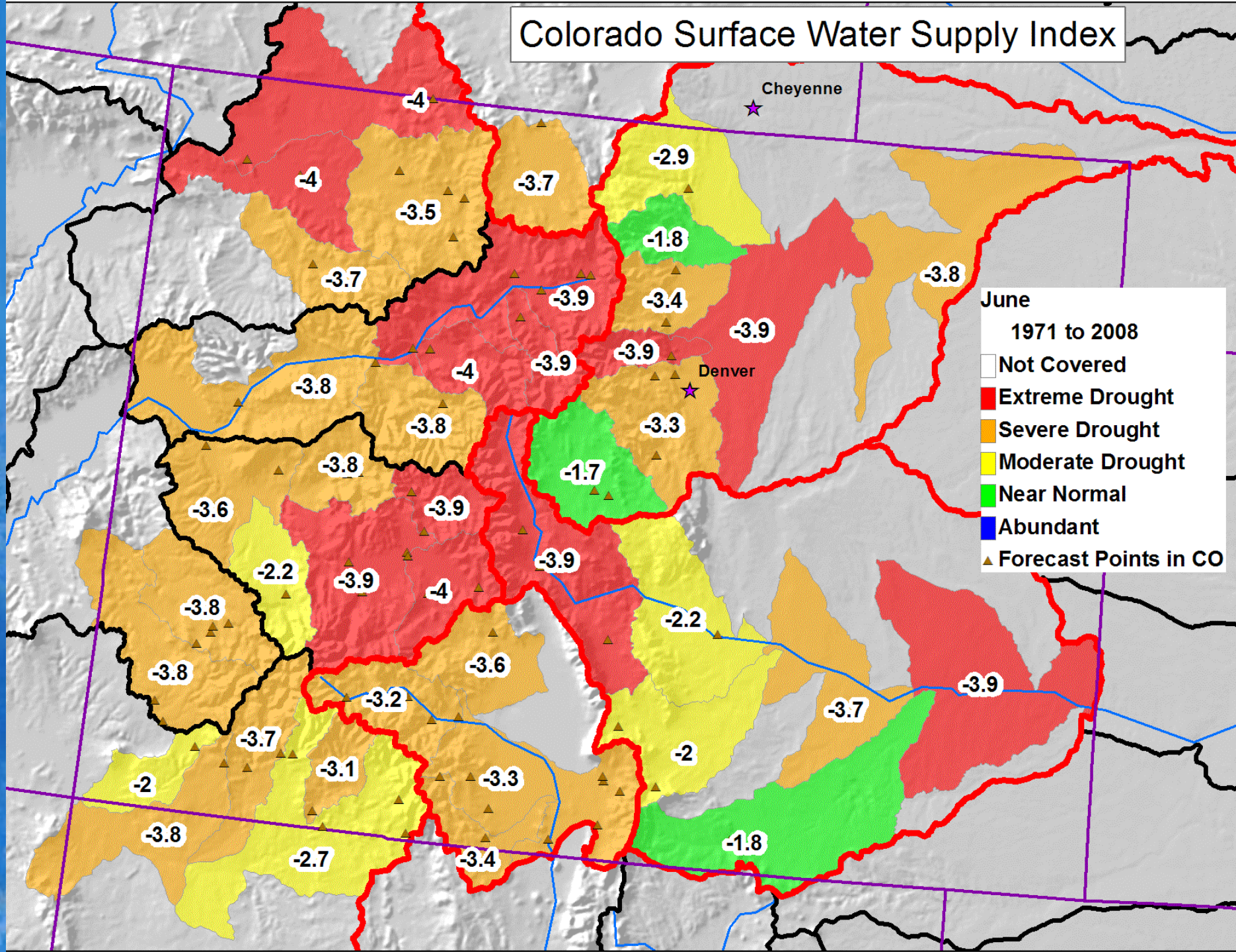


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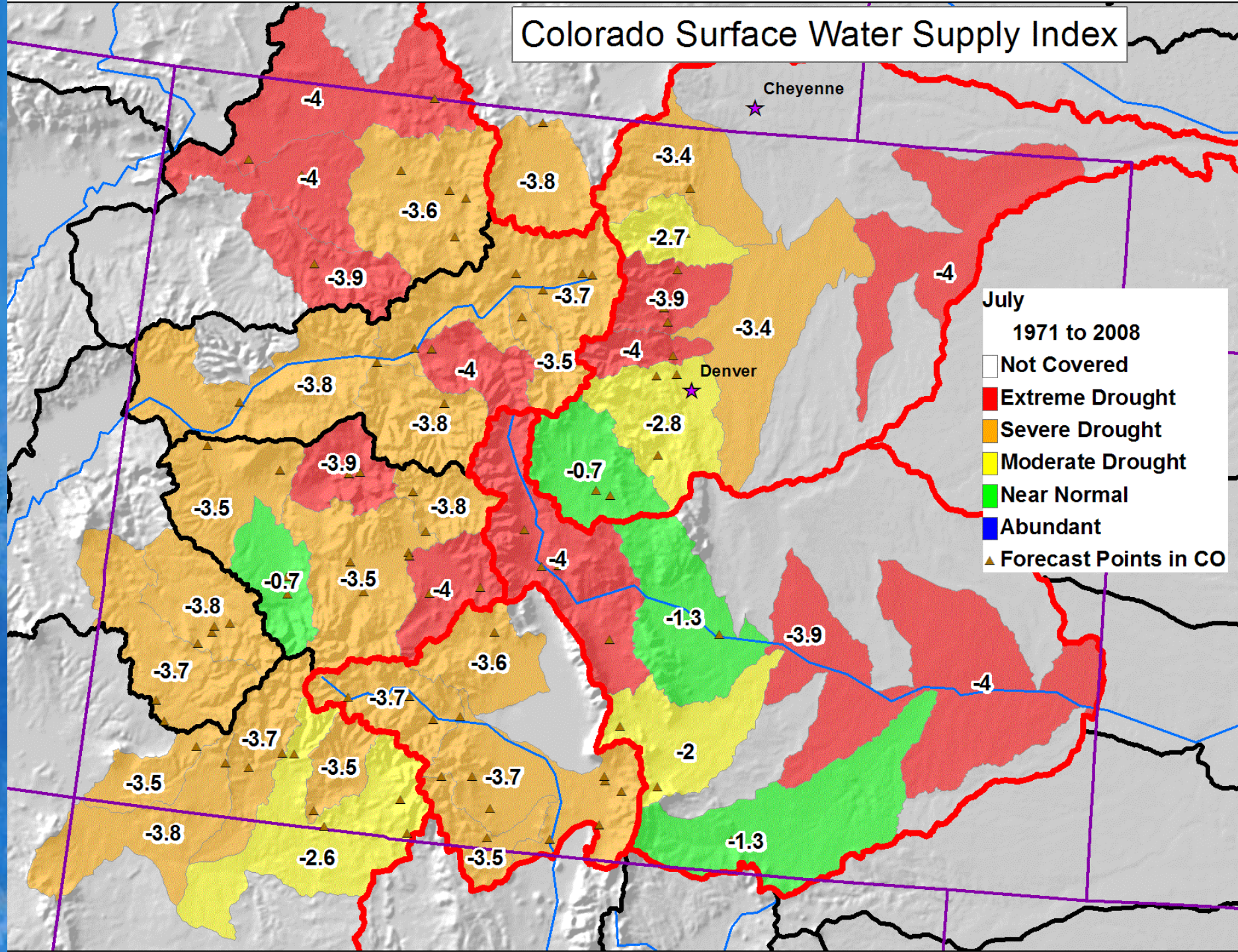


End of June 2012

Colorado Surface Water Supply Index



Colorado Surface Water Supply Index



Summary

- This year's drought according to mountain precipitation is not as severe as 2002.
- We have been blessed this month so far with 200% of average precipitation in the mountains.