

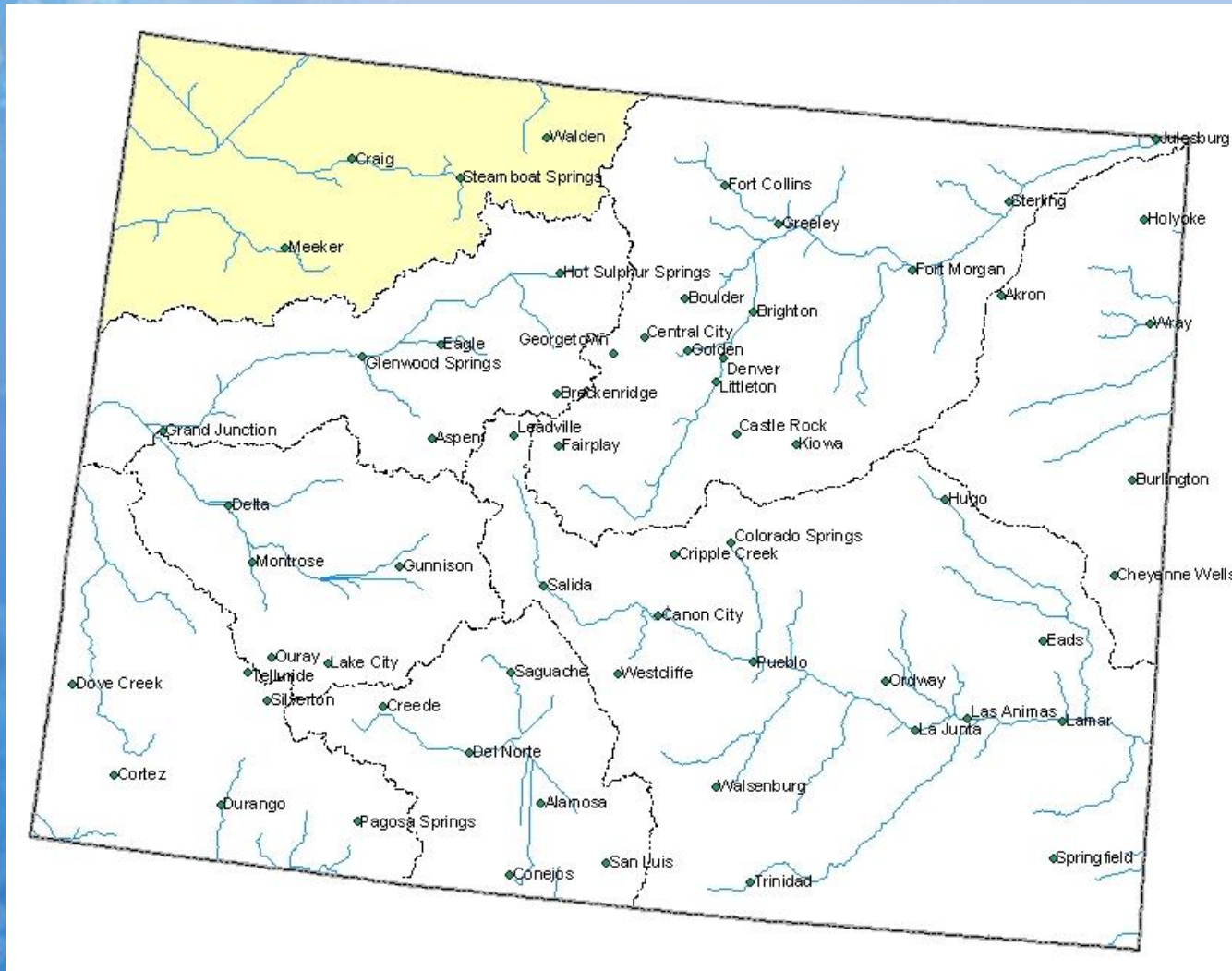
# NRCS – Snow Survey & Water Supply Forecasting

Mike Gillespie

Water Availability Task Force Meeting

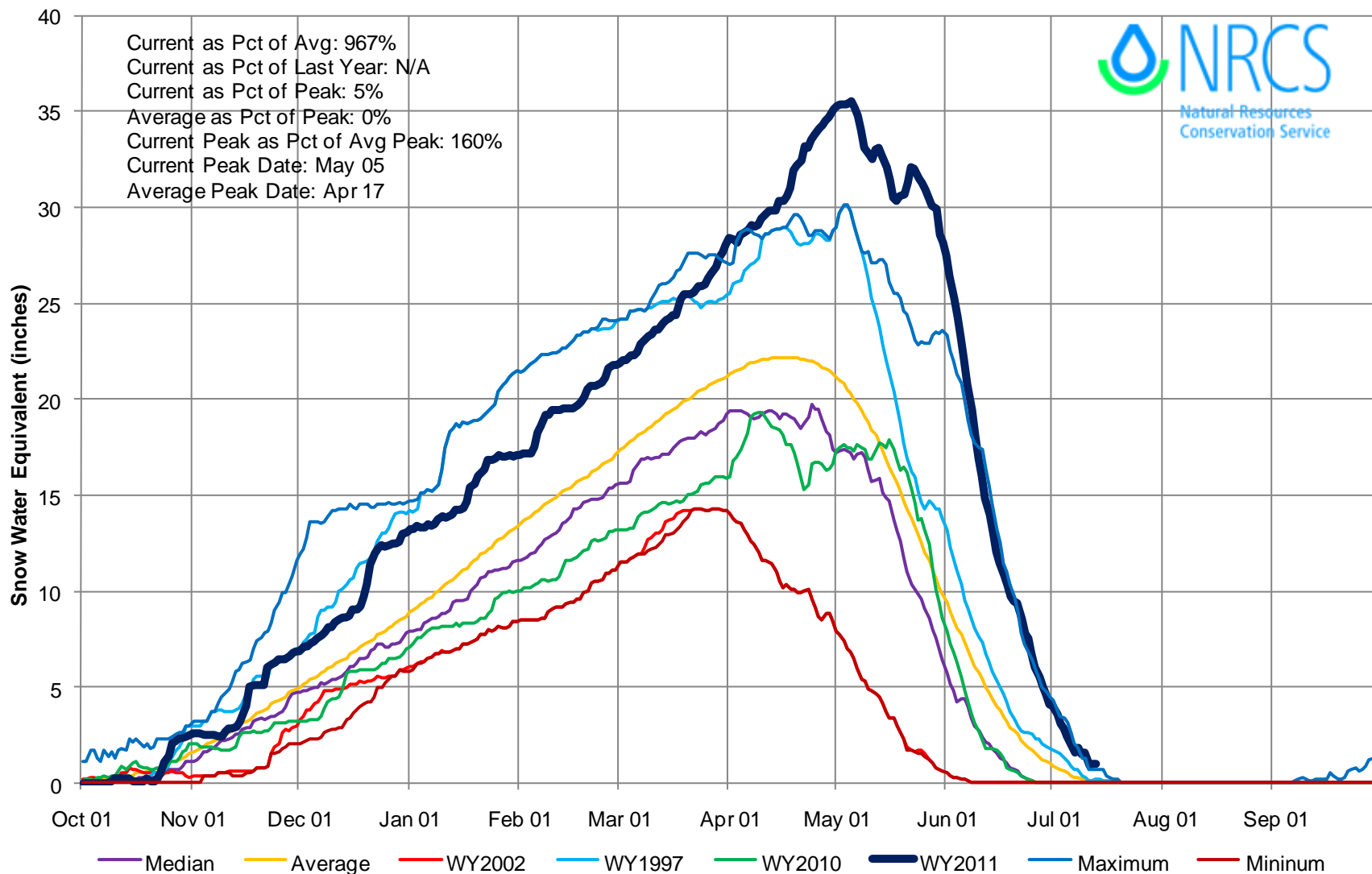
July 14, 2011

# Yampa, White & North Platte River Basins Summary



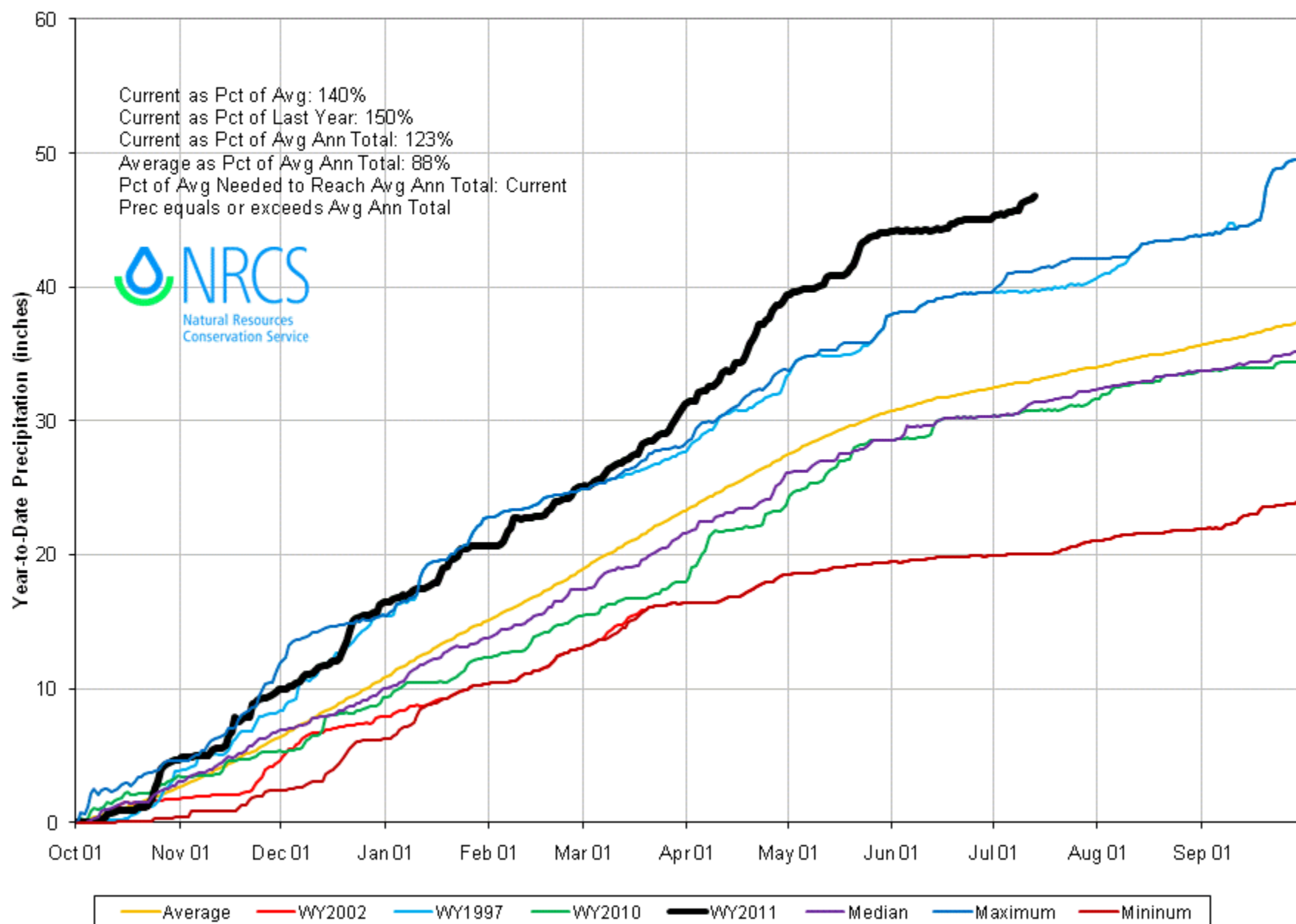
## Yampa, White and North Platte River Basins High/Low Snowpack Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



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

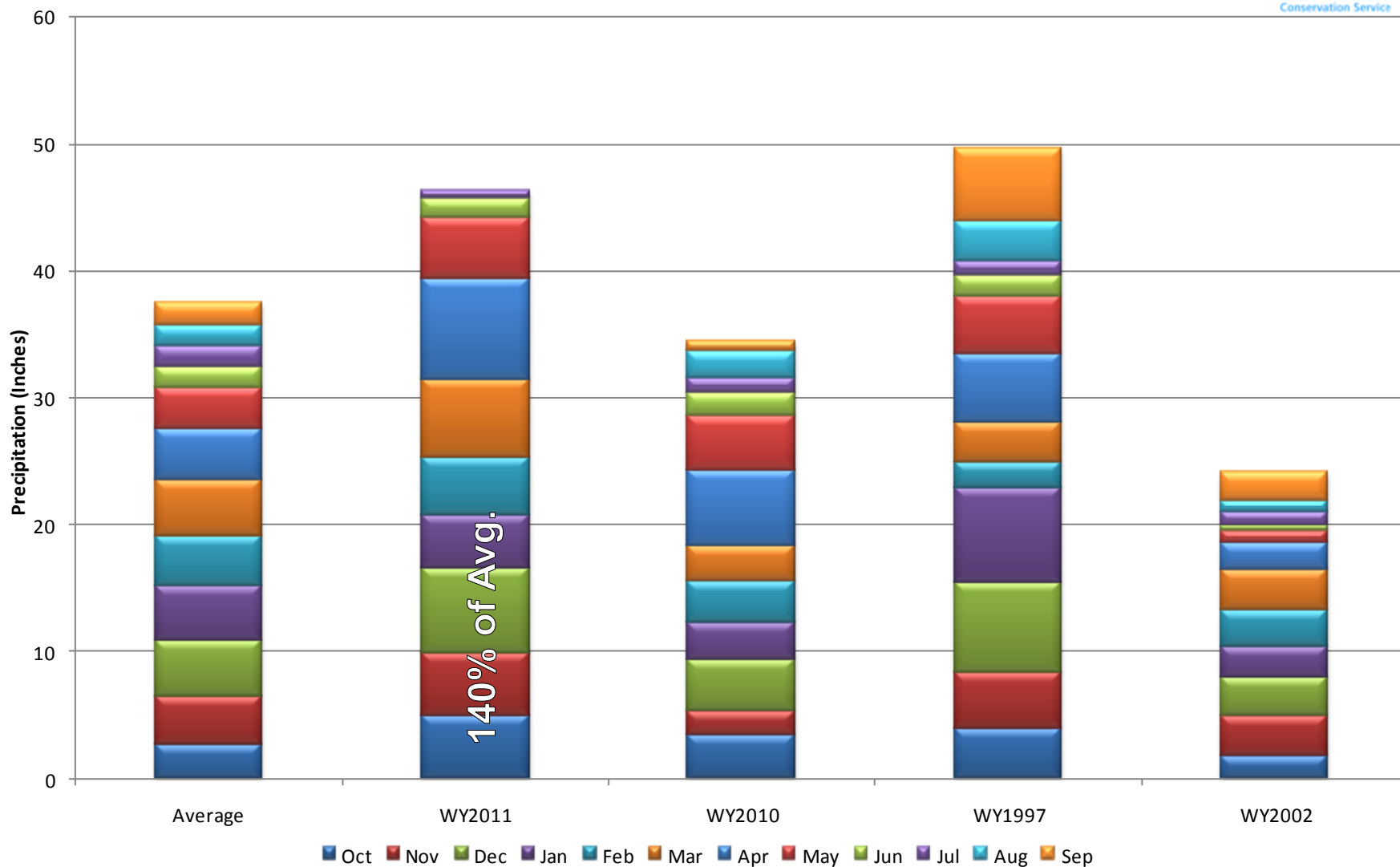
*Based on Provisional SNOTEL data as of Jul 13, 2011*





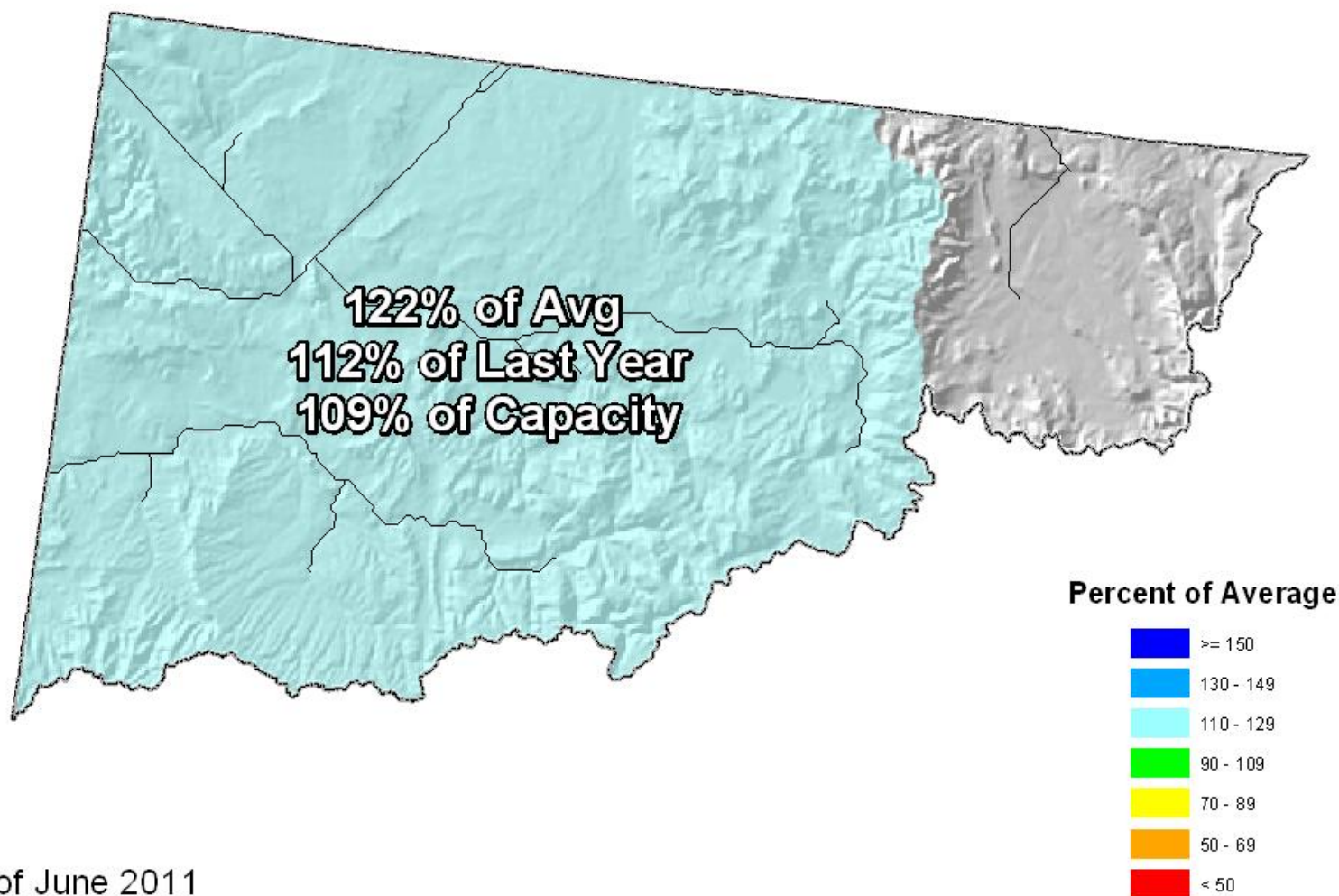
## Yampa and White River Basins High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



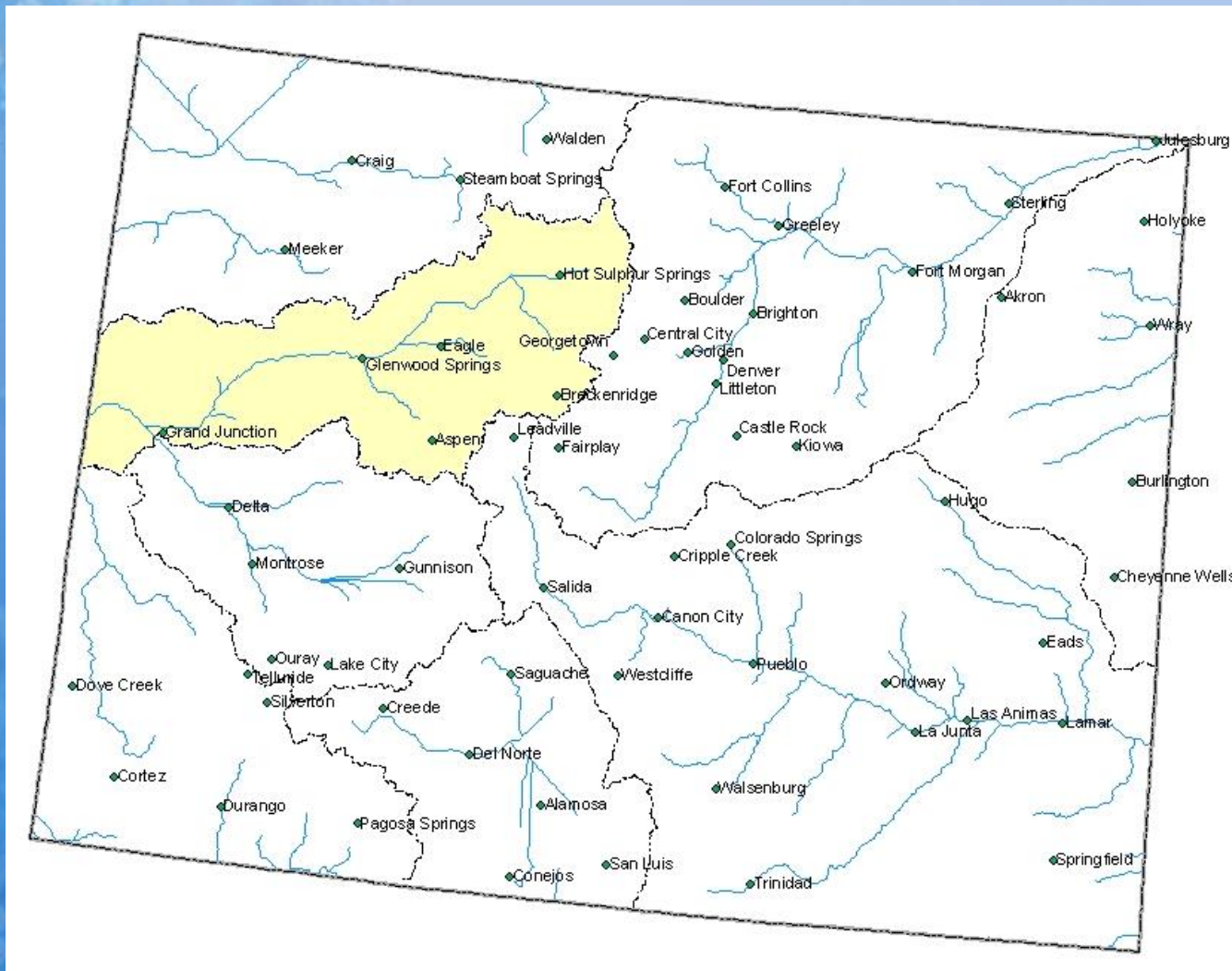
# Yampa & White River Basins Reservoir Storage Map

*Provisional Data  
Subject to Revision*



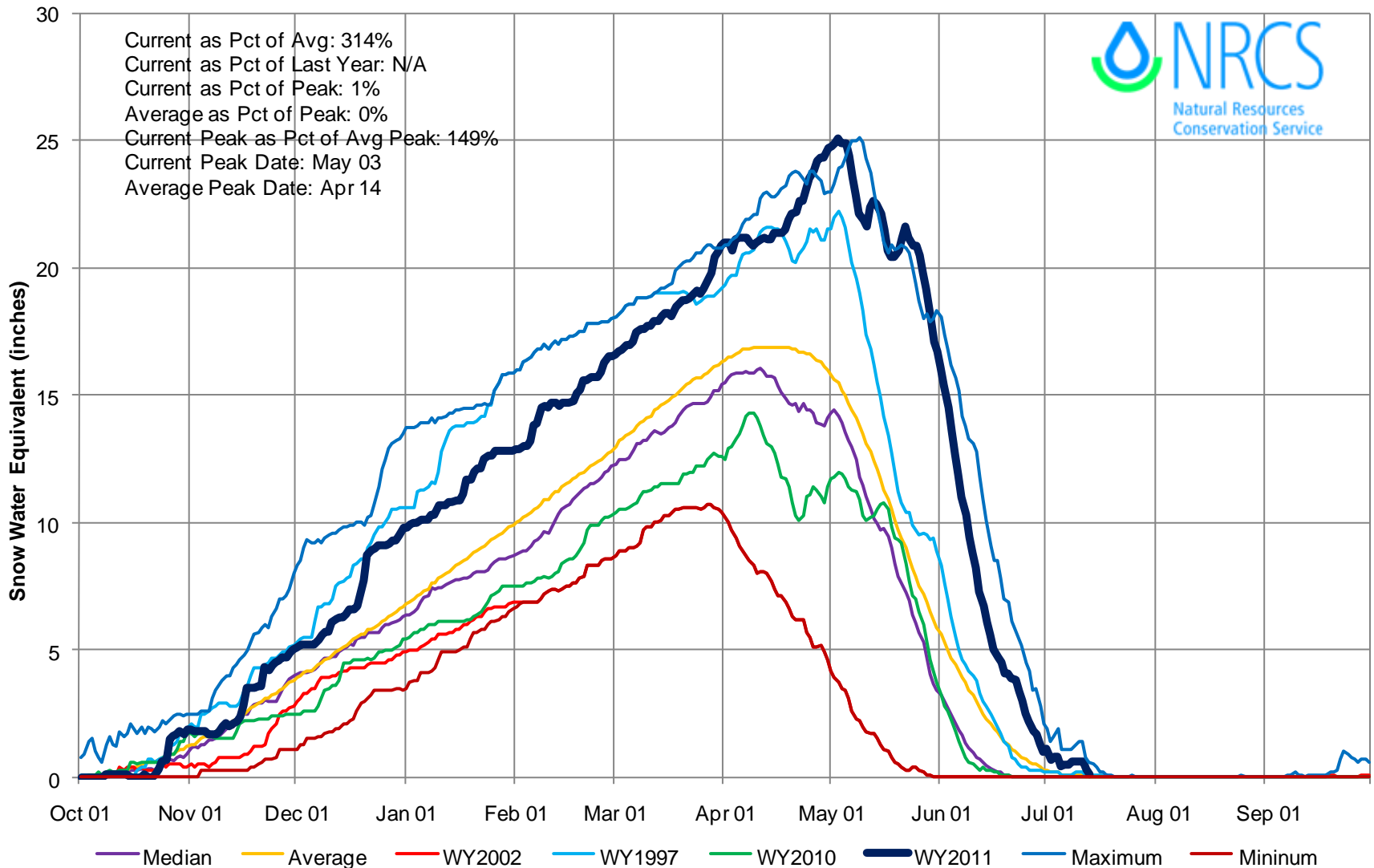
End of June 2011

# Colorado River Basin Summary



## Upper Colorado River Basin High/Low Snowpack Summary

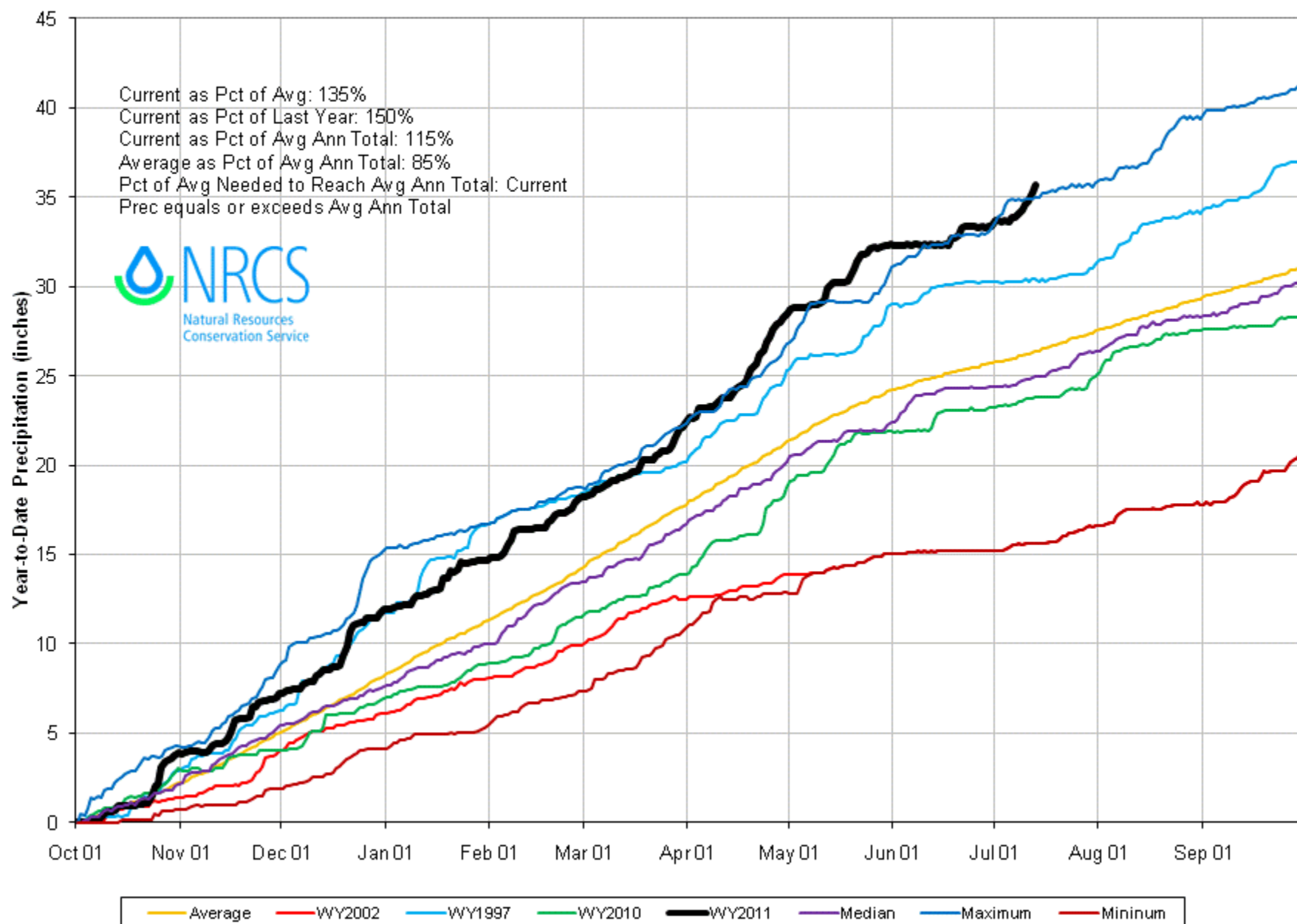
*Based on Provisional SNOTEL data as of Jul 13, 2011*





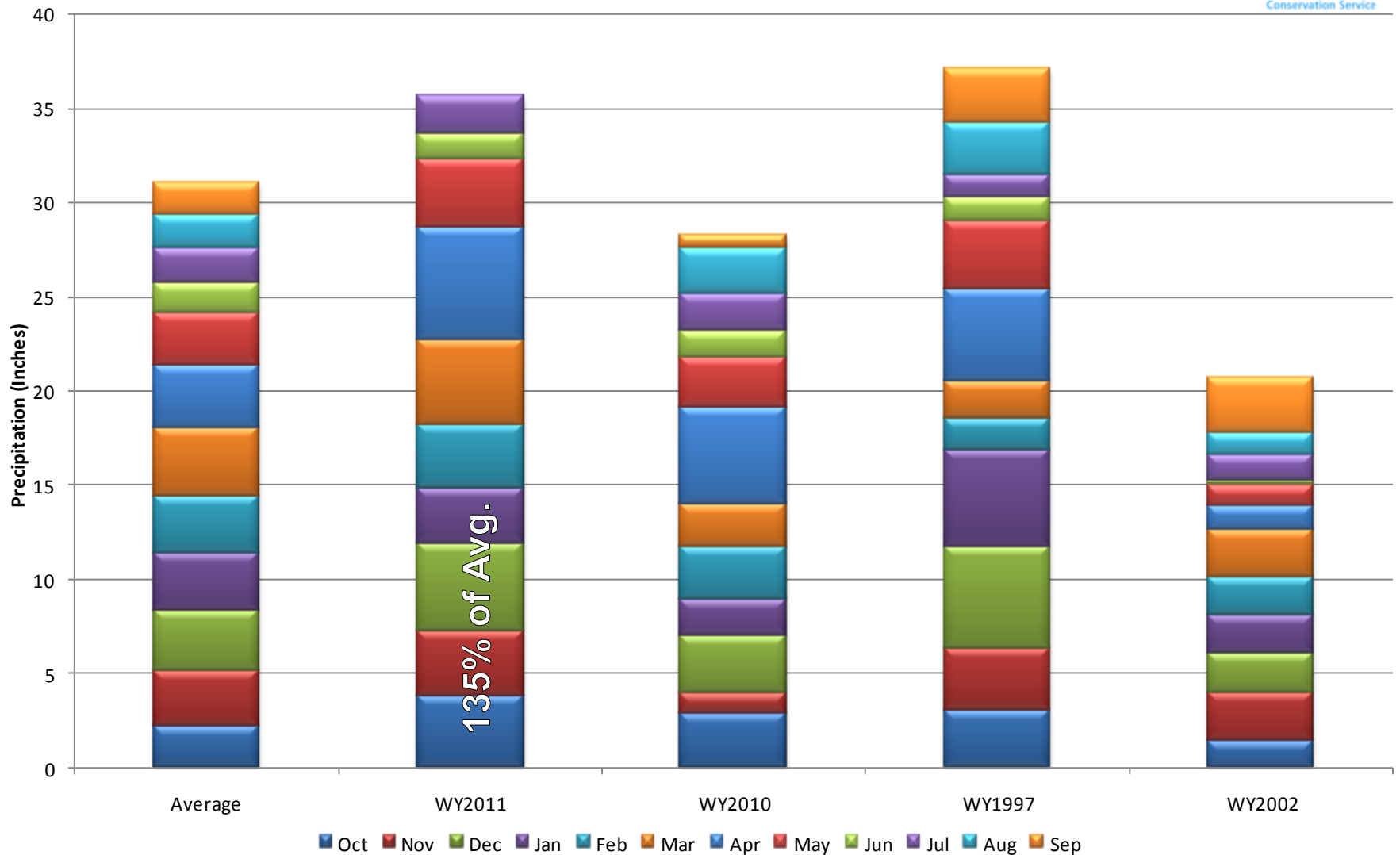
## Upper Colorado River Basin High/Low Year-to-Date Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



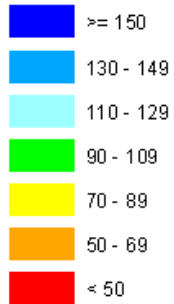
## Upper Colorado River Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*

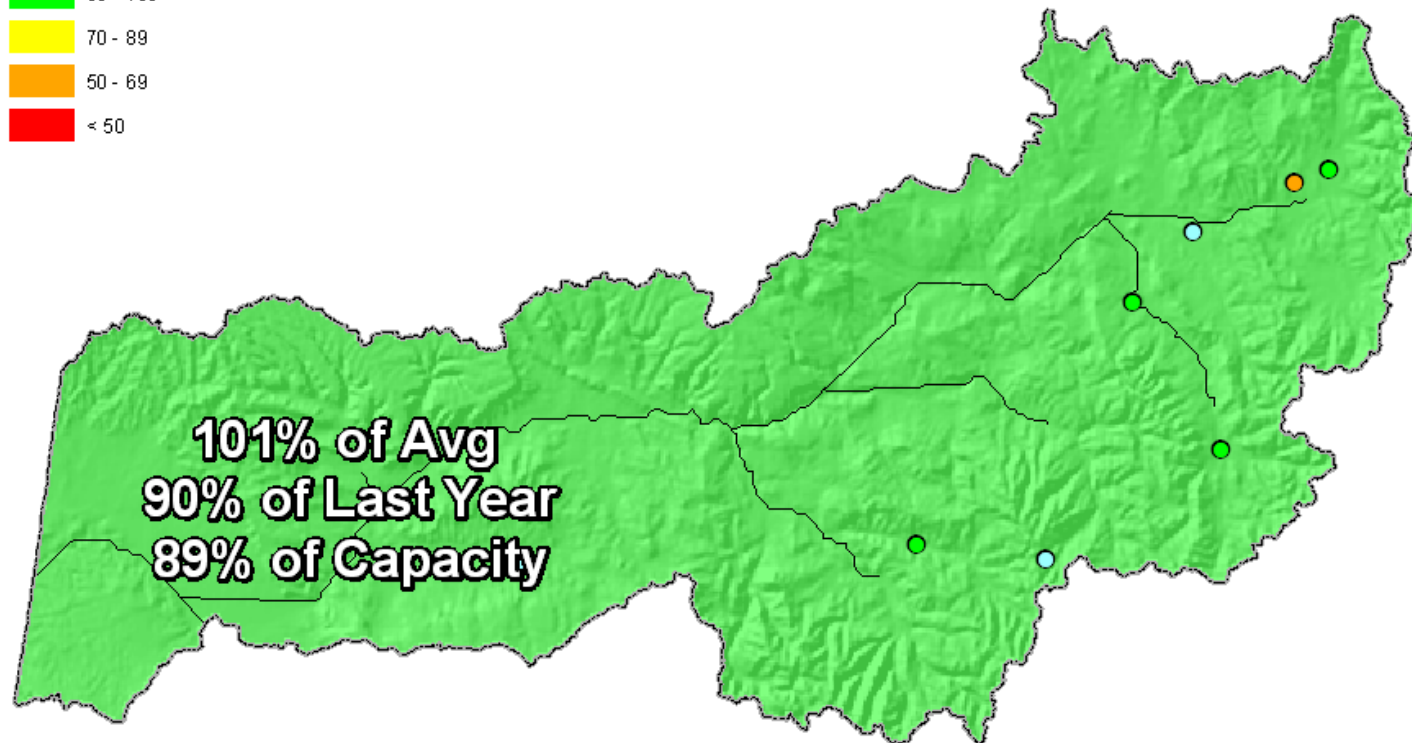


# Colorado River Basin Reservoir Storage Map

## Percent of Average

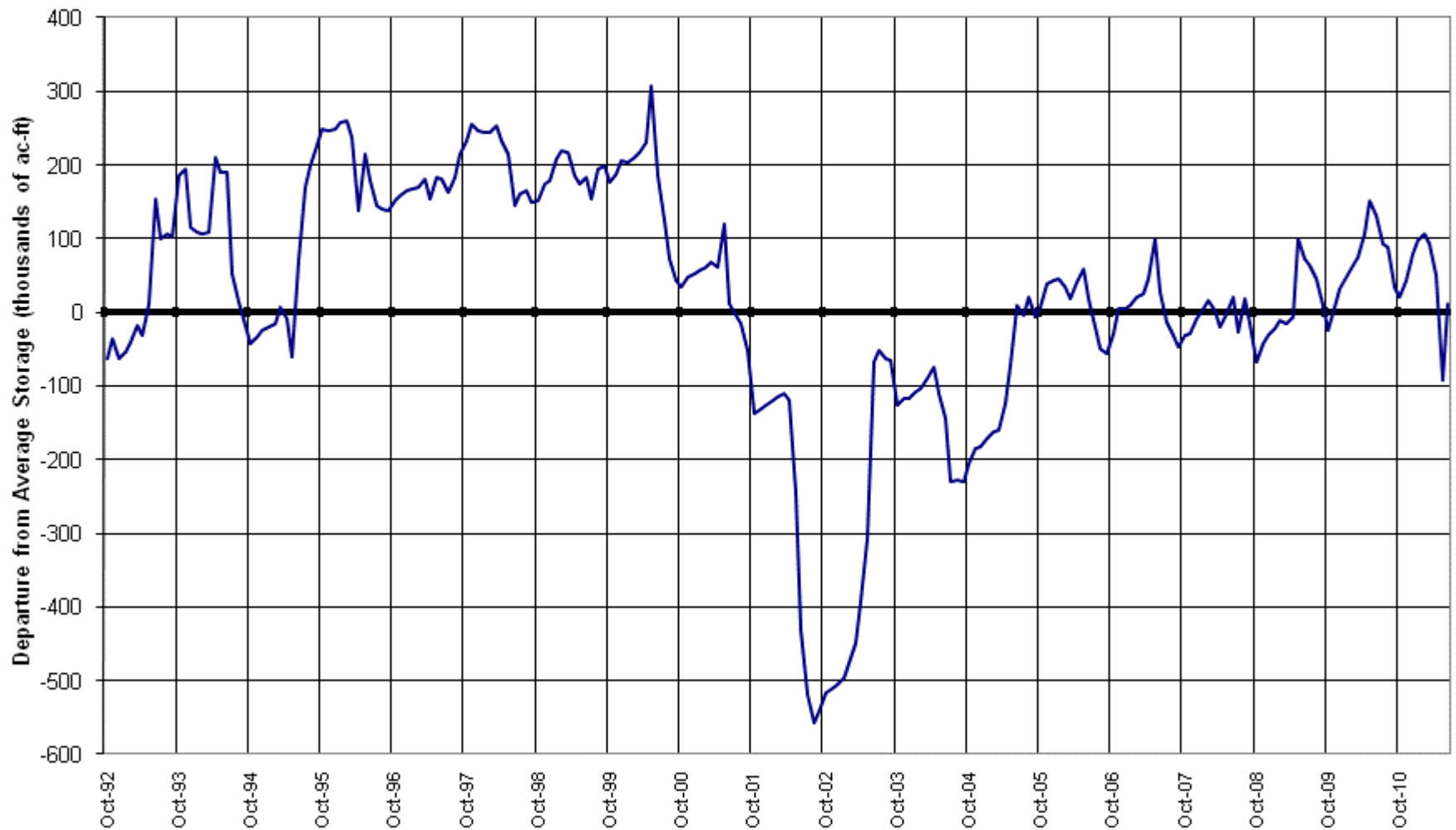


*Provisional Data  
Subject to Revision*



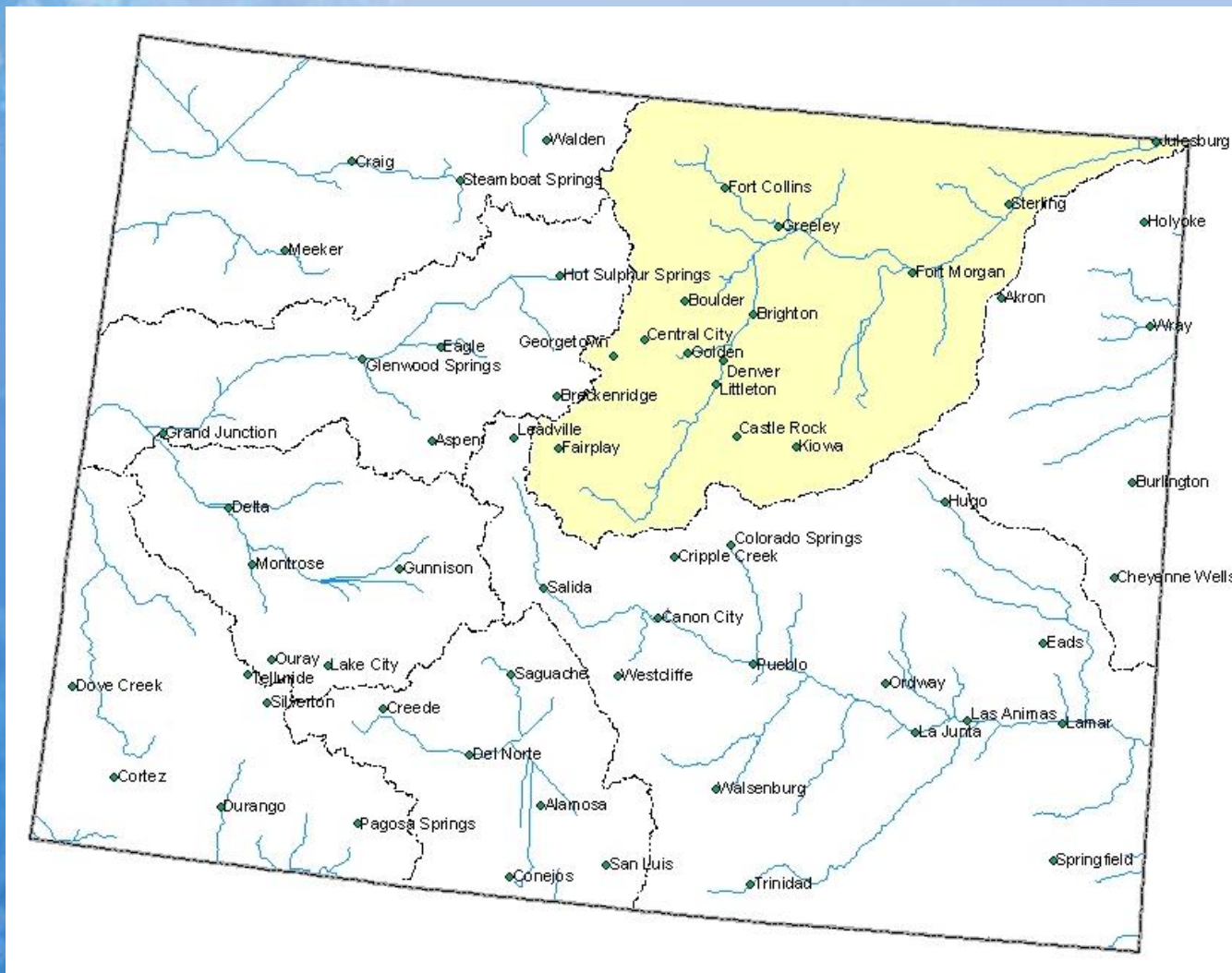
End of June 2011

**COLORADO RIVER BASIN**  
**Reservoir Storage**  
**Departure from Average**



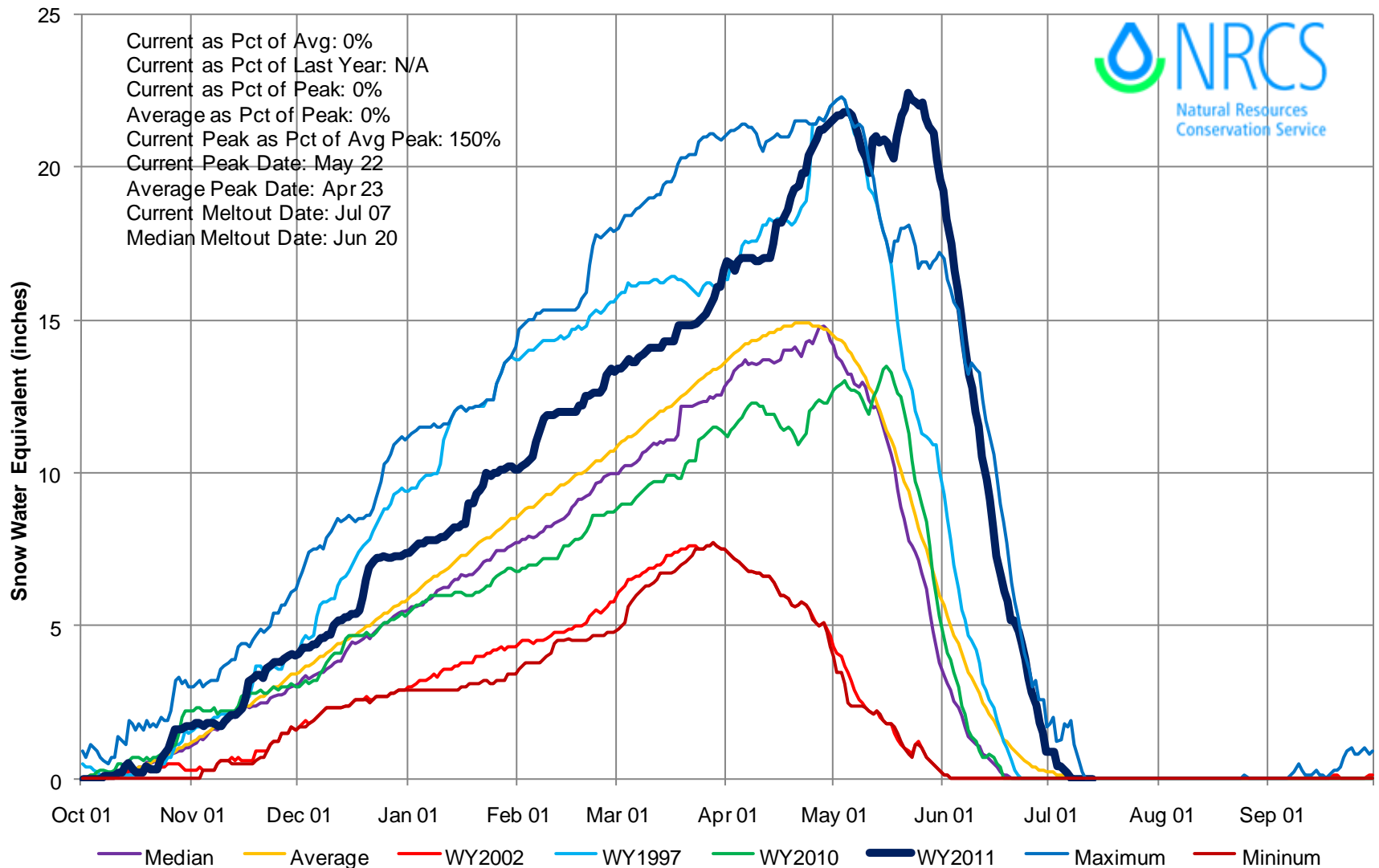


# South Platte River Basin Summary



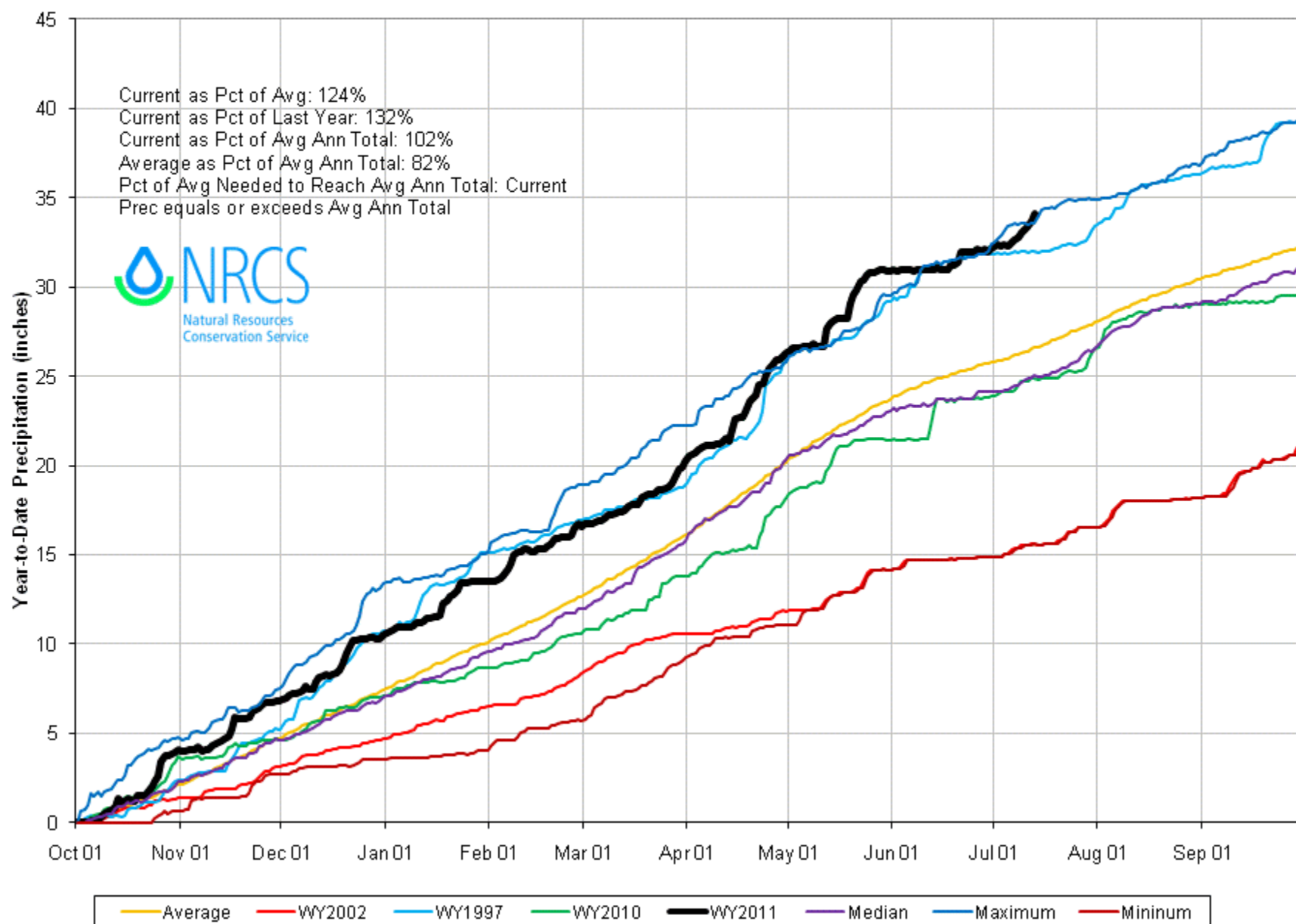
## South Platte River Basin High/Low Snowpack Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



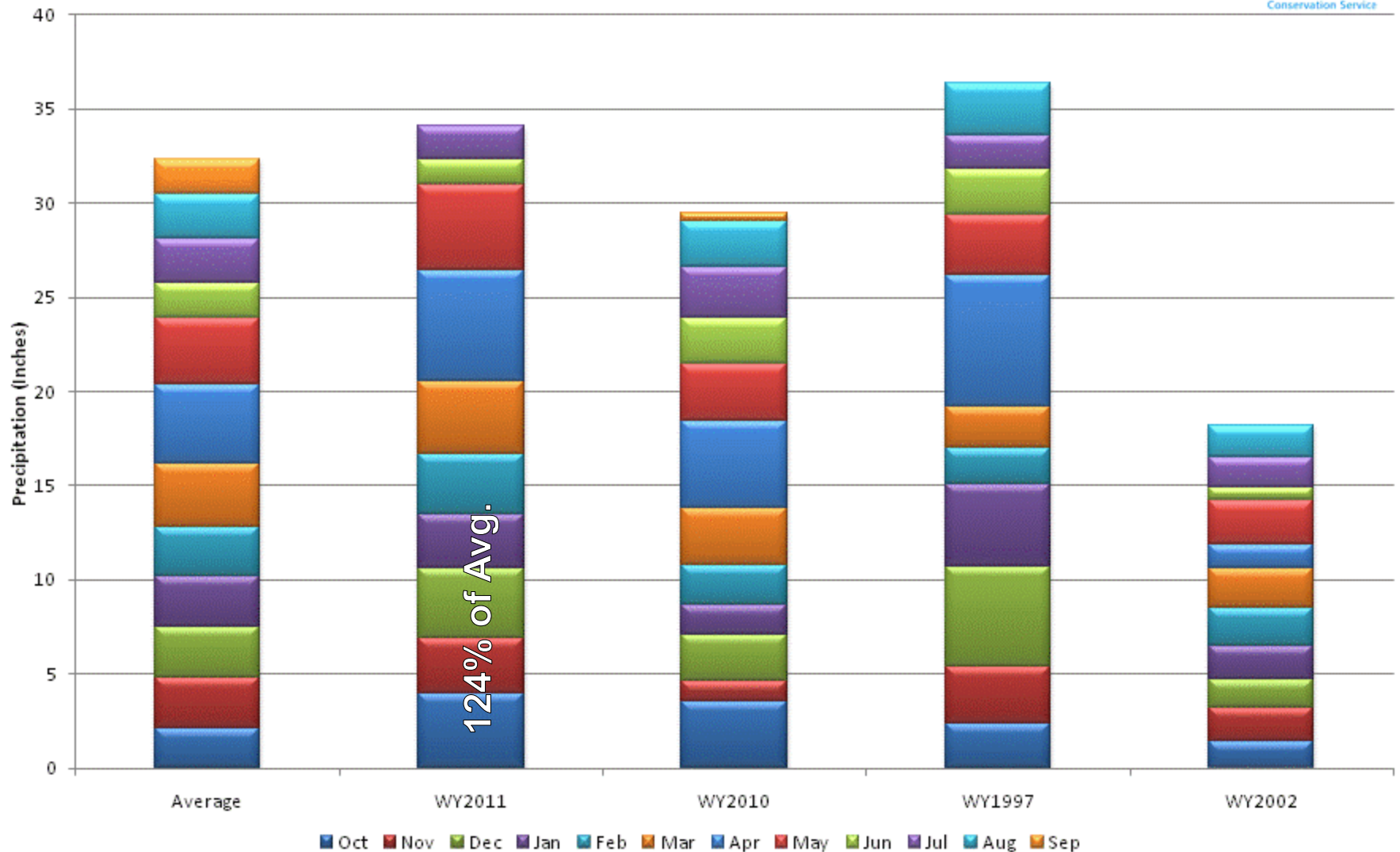
## South Platte River Basin High/Low Year-to-Date Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



## South Platte River Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



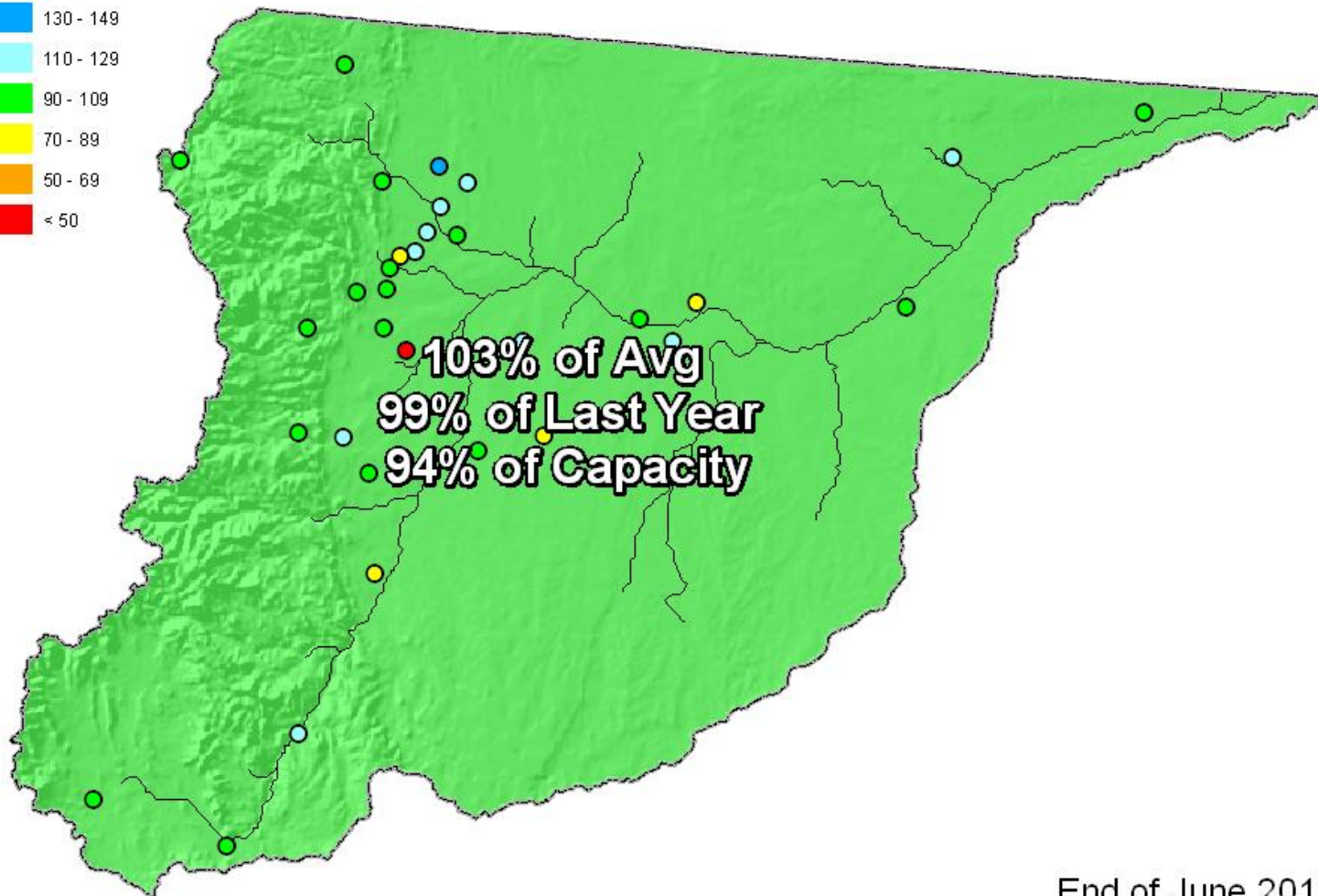


# South Platte River Basin Reservoir Storage Map

## Percent of Average

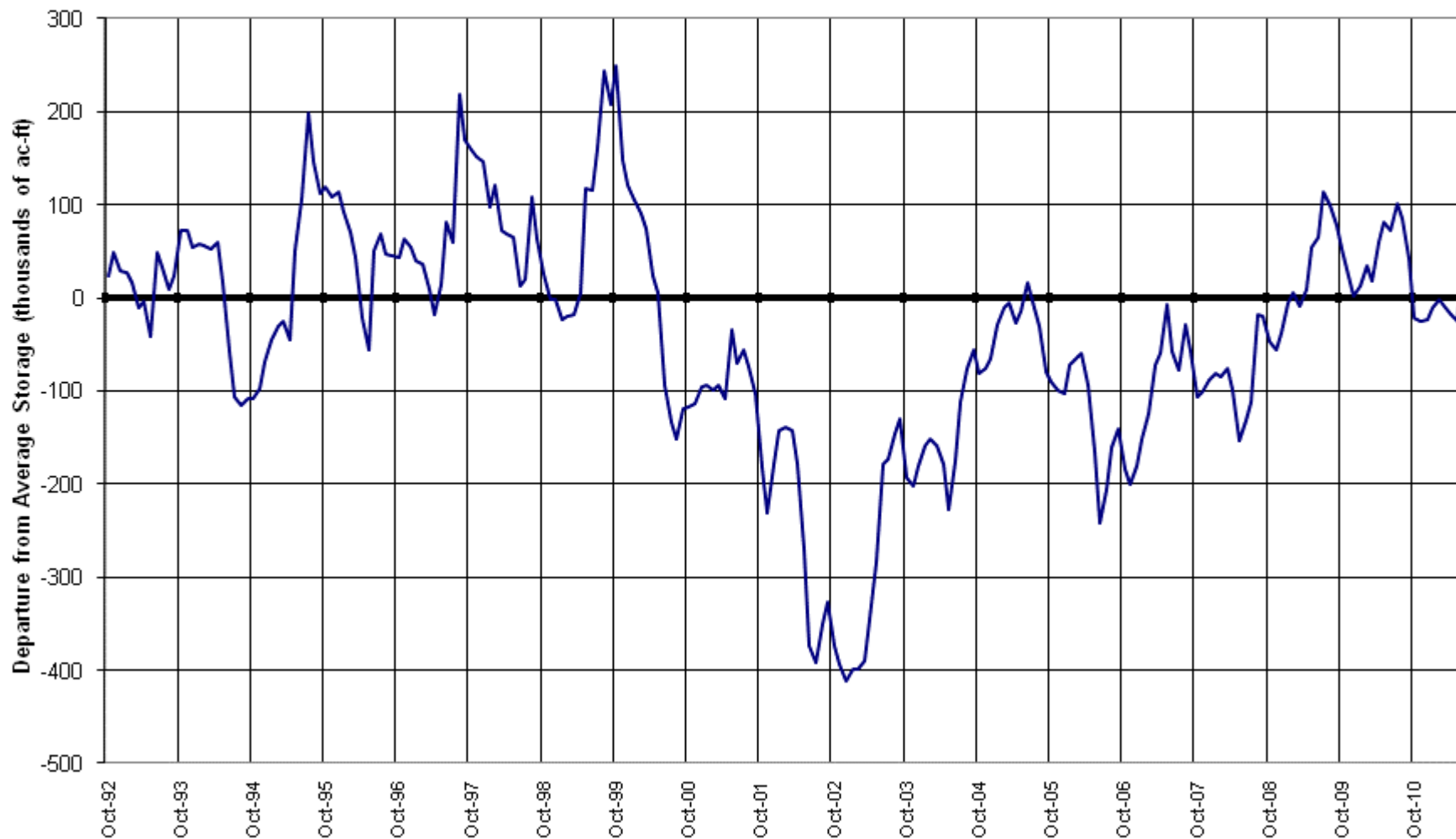


*Provisional Data  
Subject to Revision*

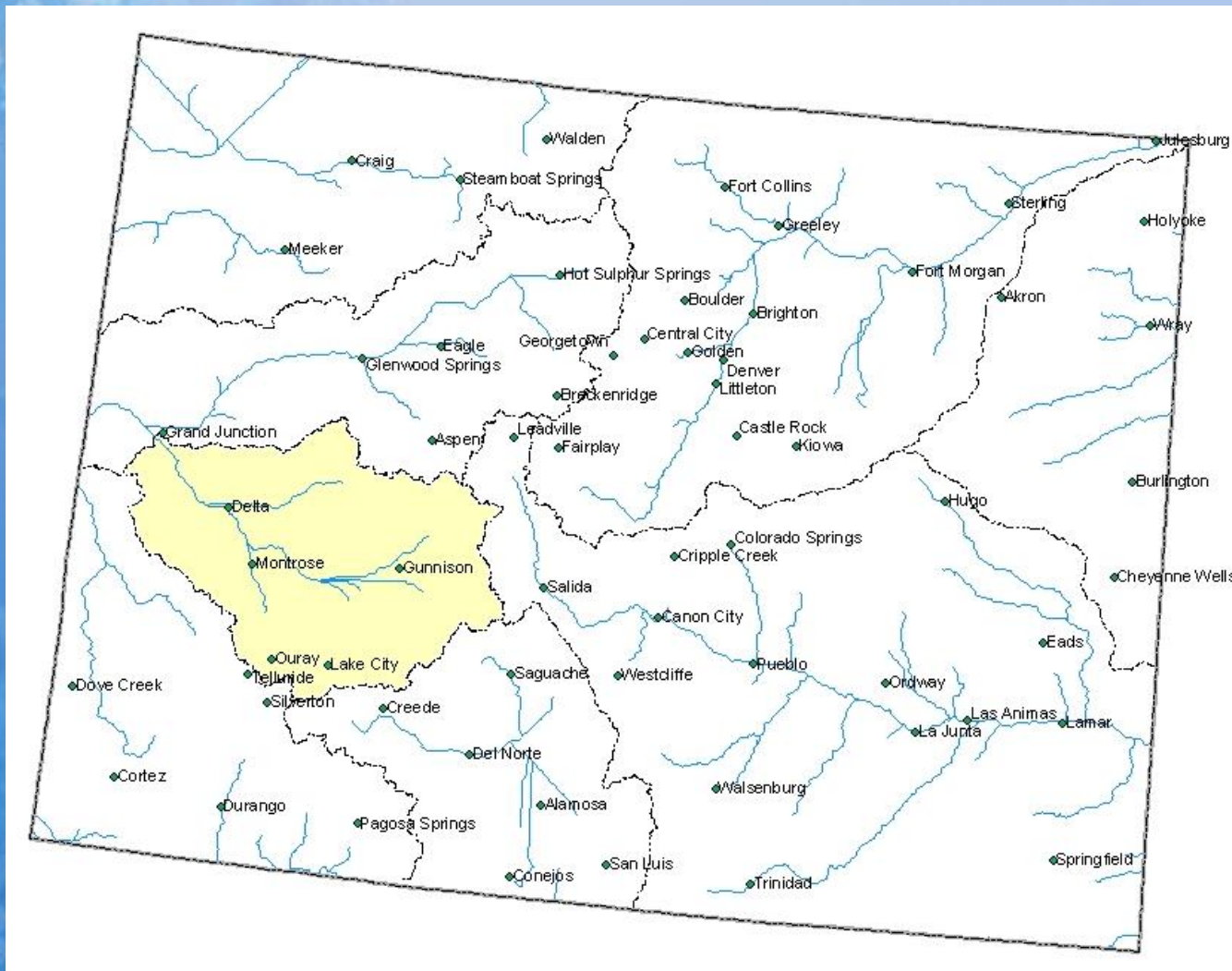


End of June 2011

**SOUTH PLATTE RIVER BASIN**  
**Reservoir Storage**  
**Departure from Average**

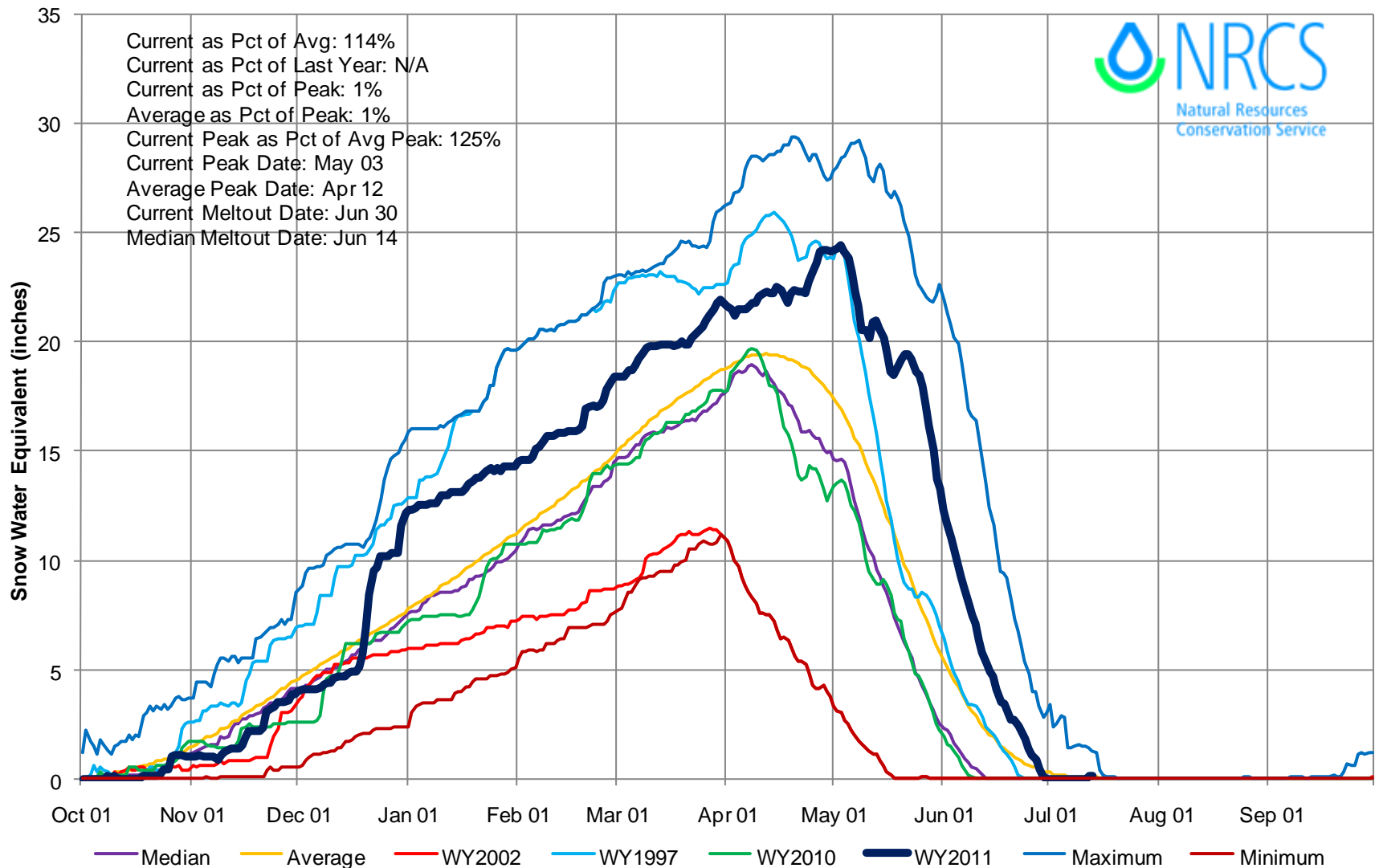


# Gunnison River Basin Summary



## Gunnison River Basin High/Low Snowpack Summary

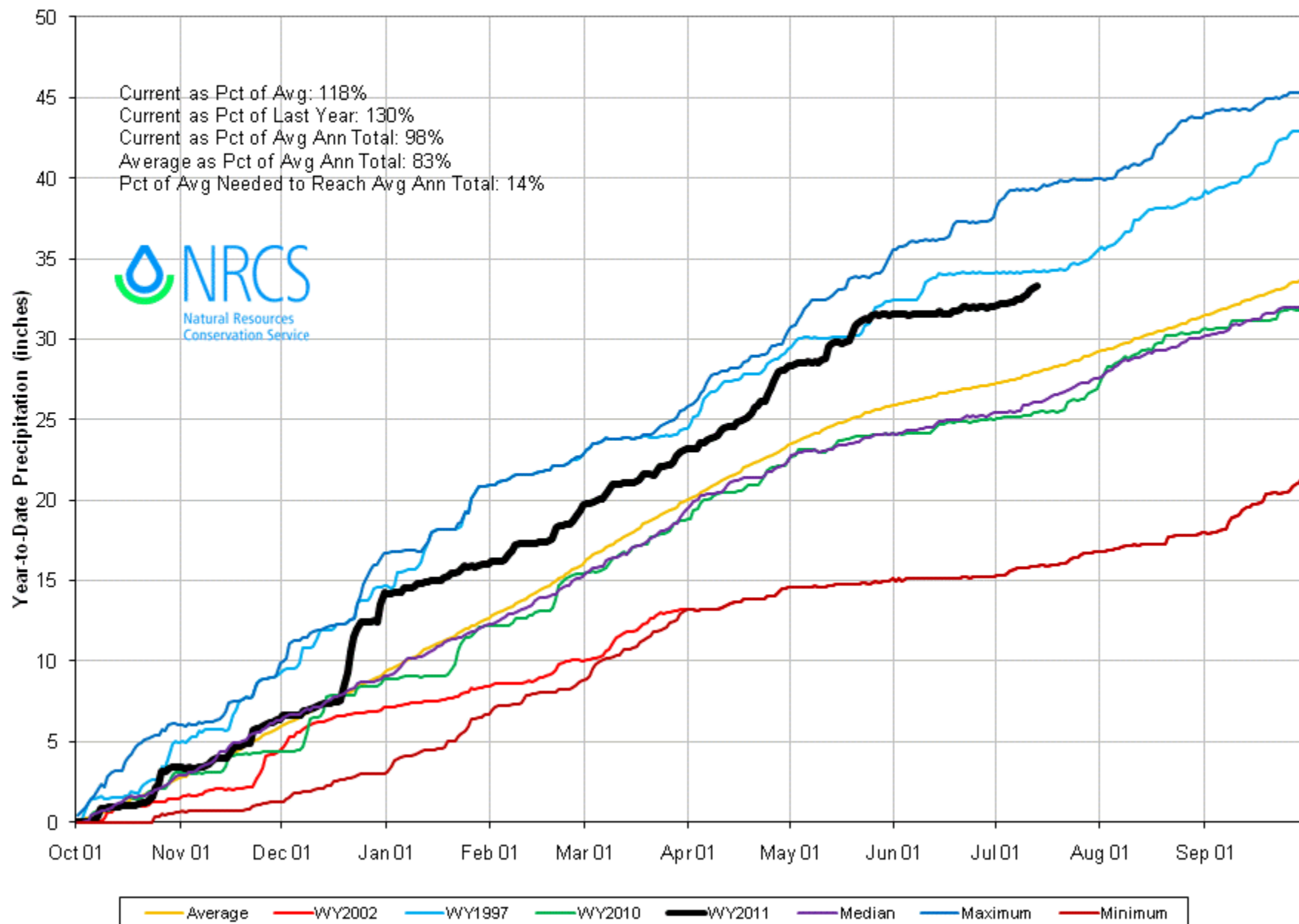
*Based on Provisional SNOTEL data as of Jul 13, 2011*





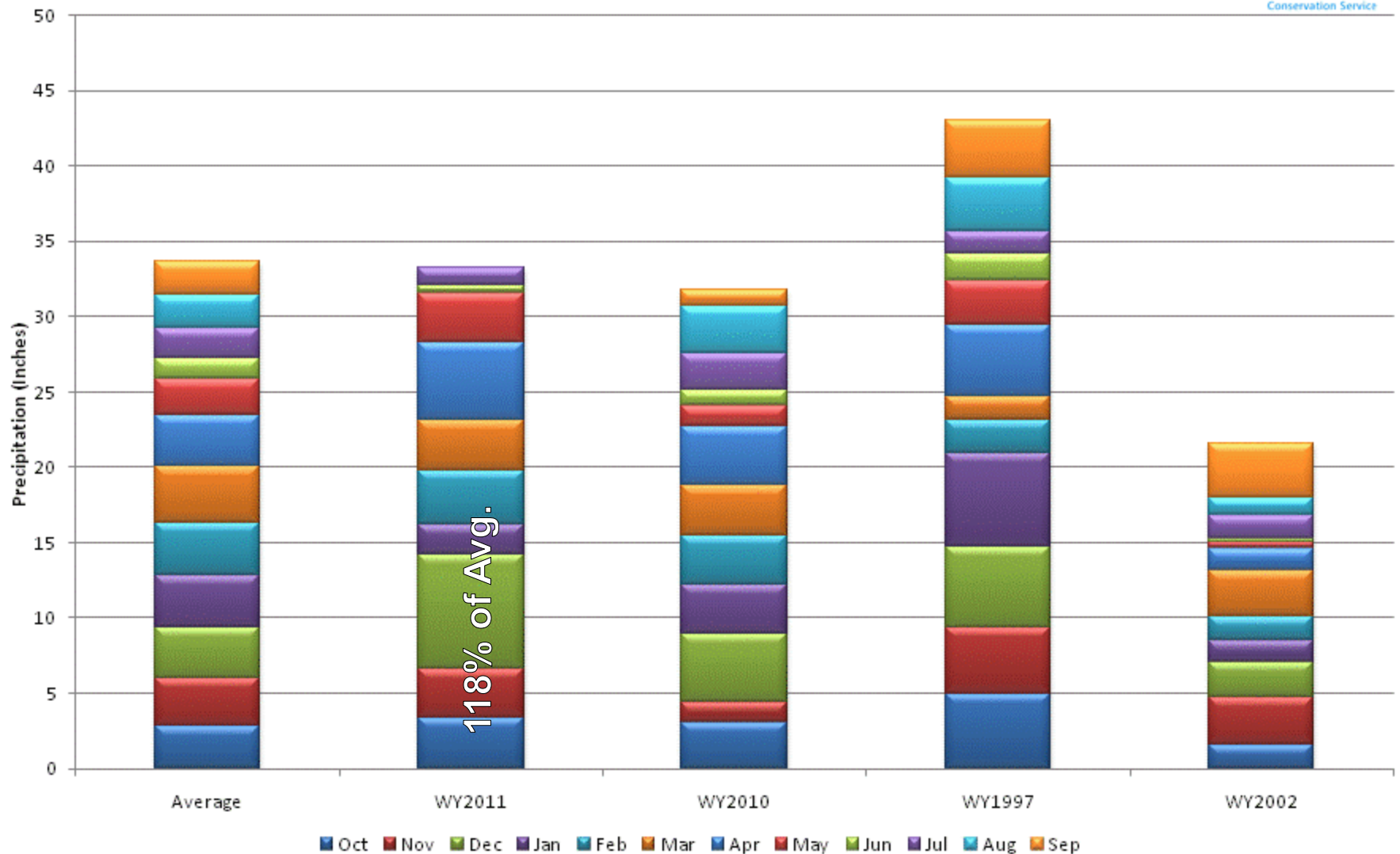
## Gunnison River Basin High/Low Year-to-Date Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



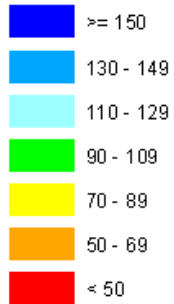
## Gunnison River Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*

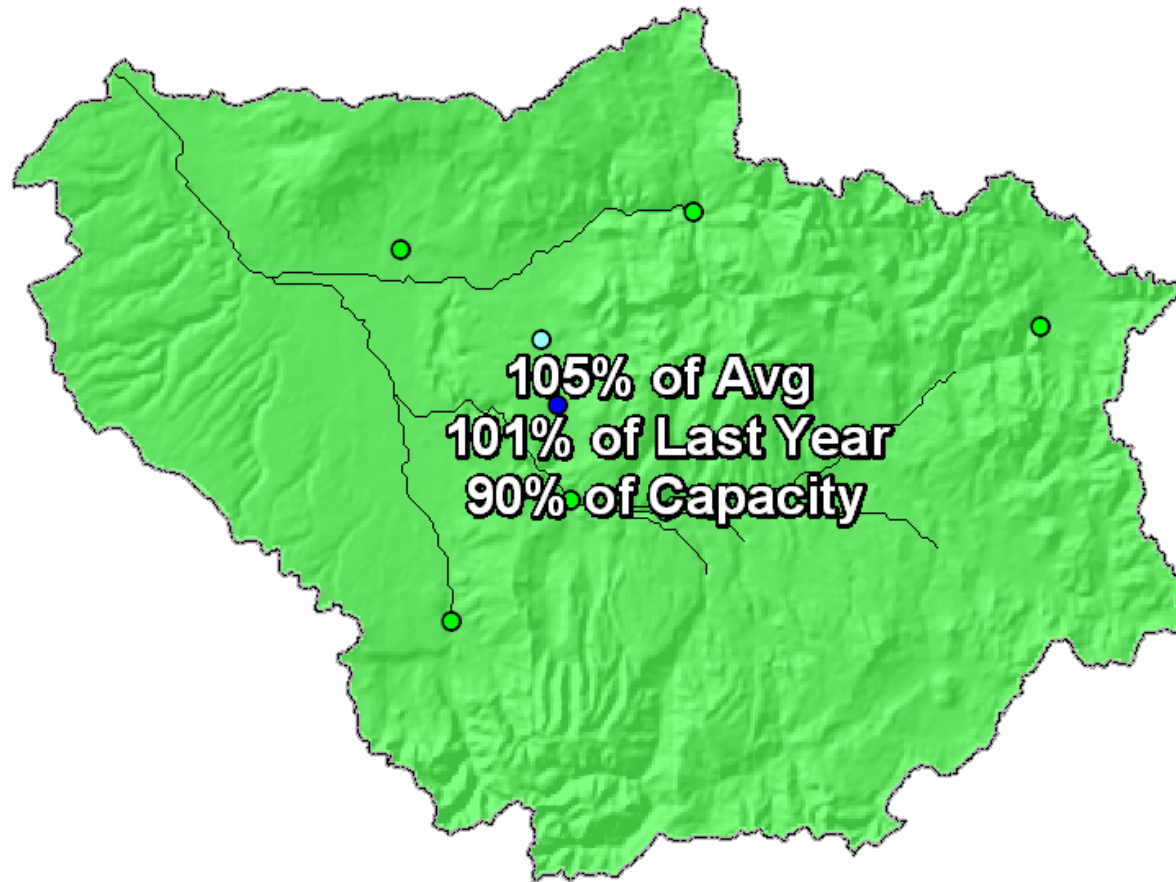


# Gunnison River Basin Reservoir Storage Map

## Percent of Average

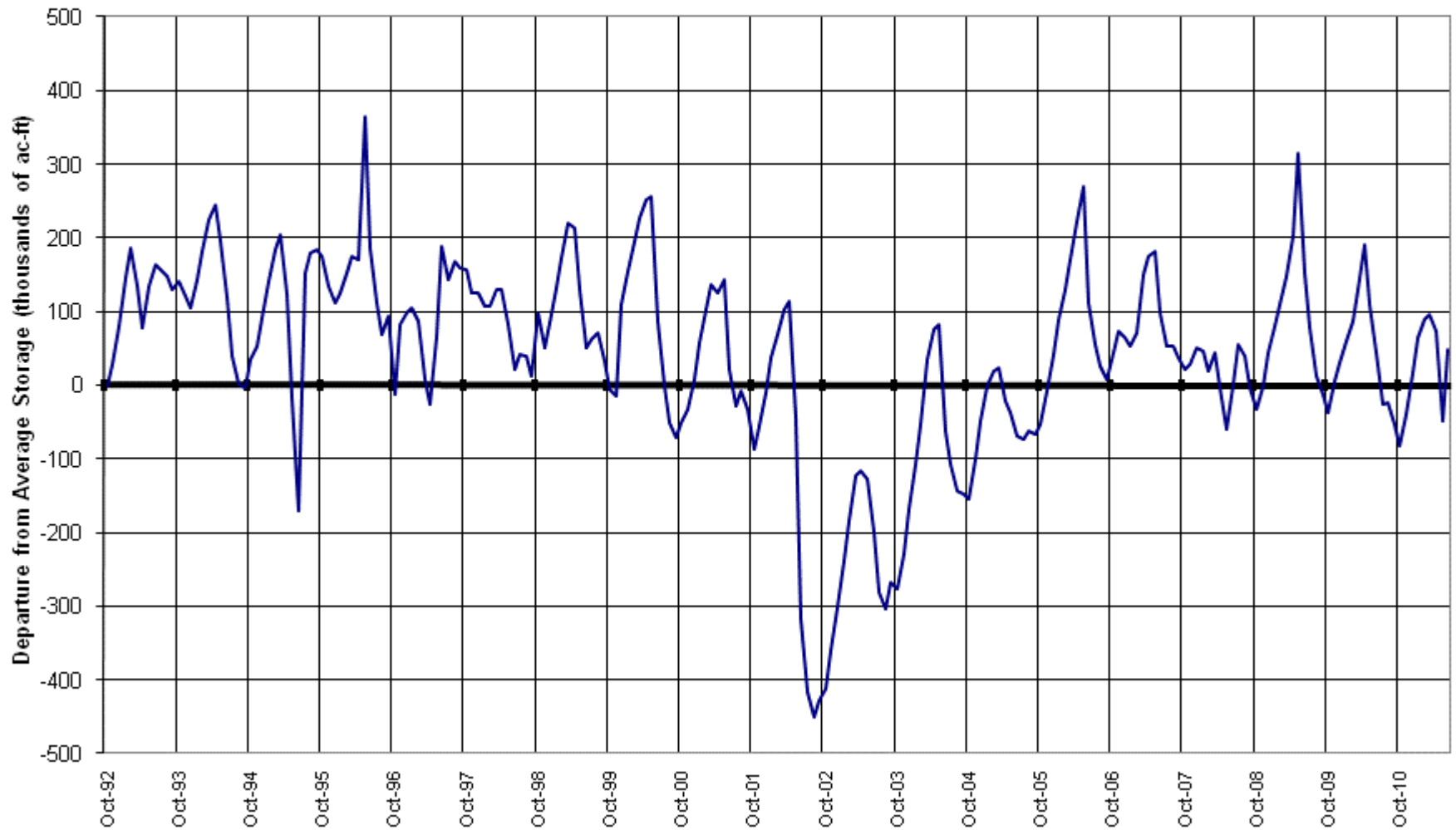


*Provisional Data  
Subject to Revision*



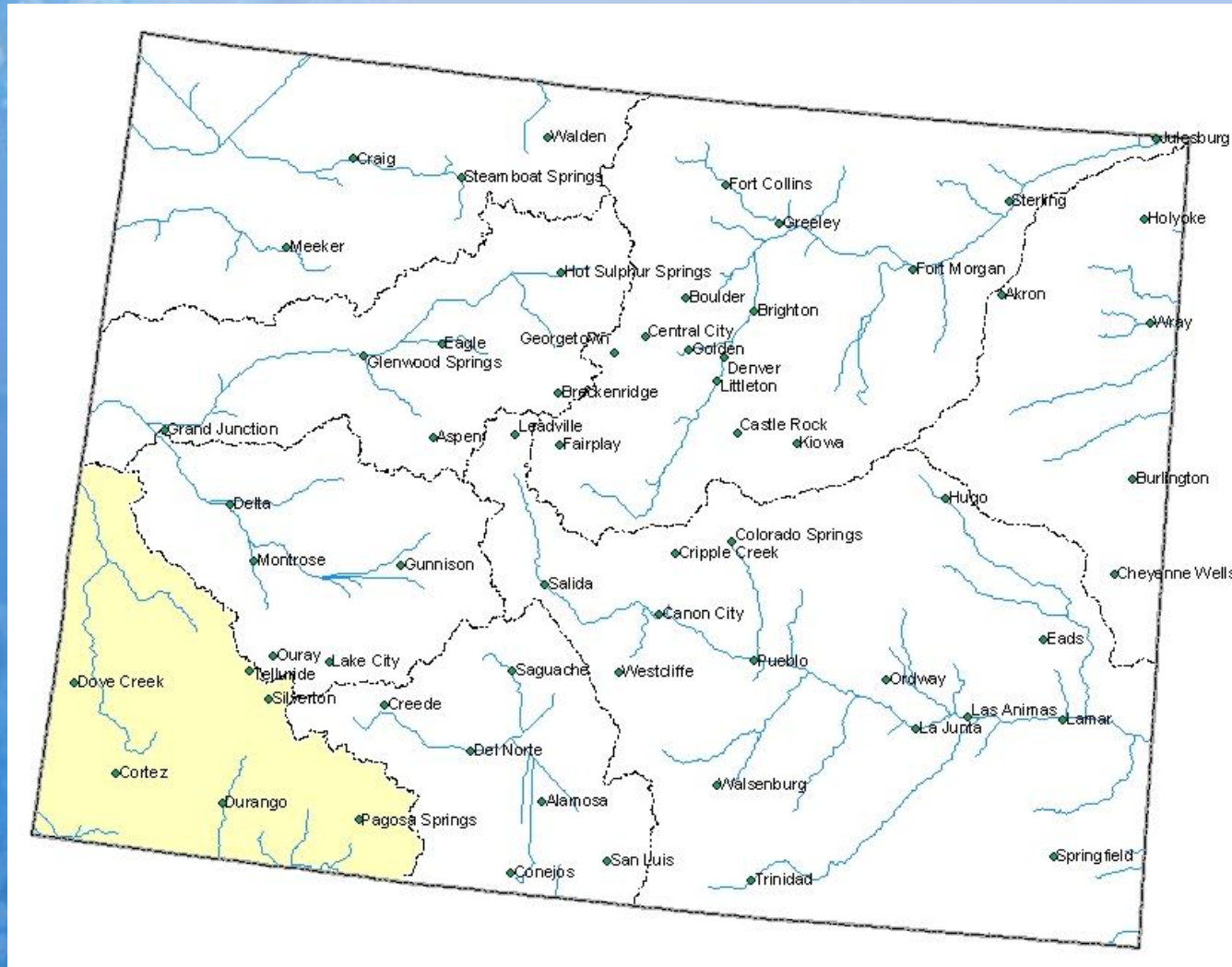
End of June 2011

**GUNNISON RIVER BASIN**  
**Reservoir Storage**  
**Departure from Average**





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

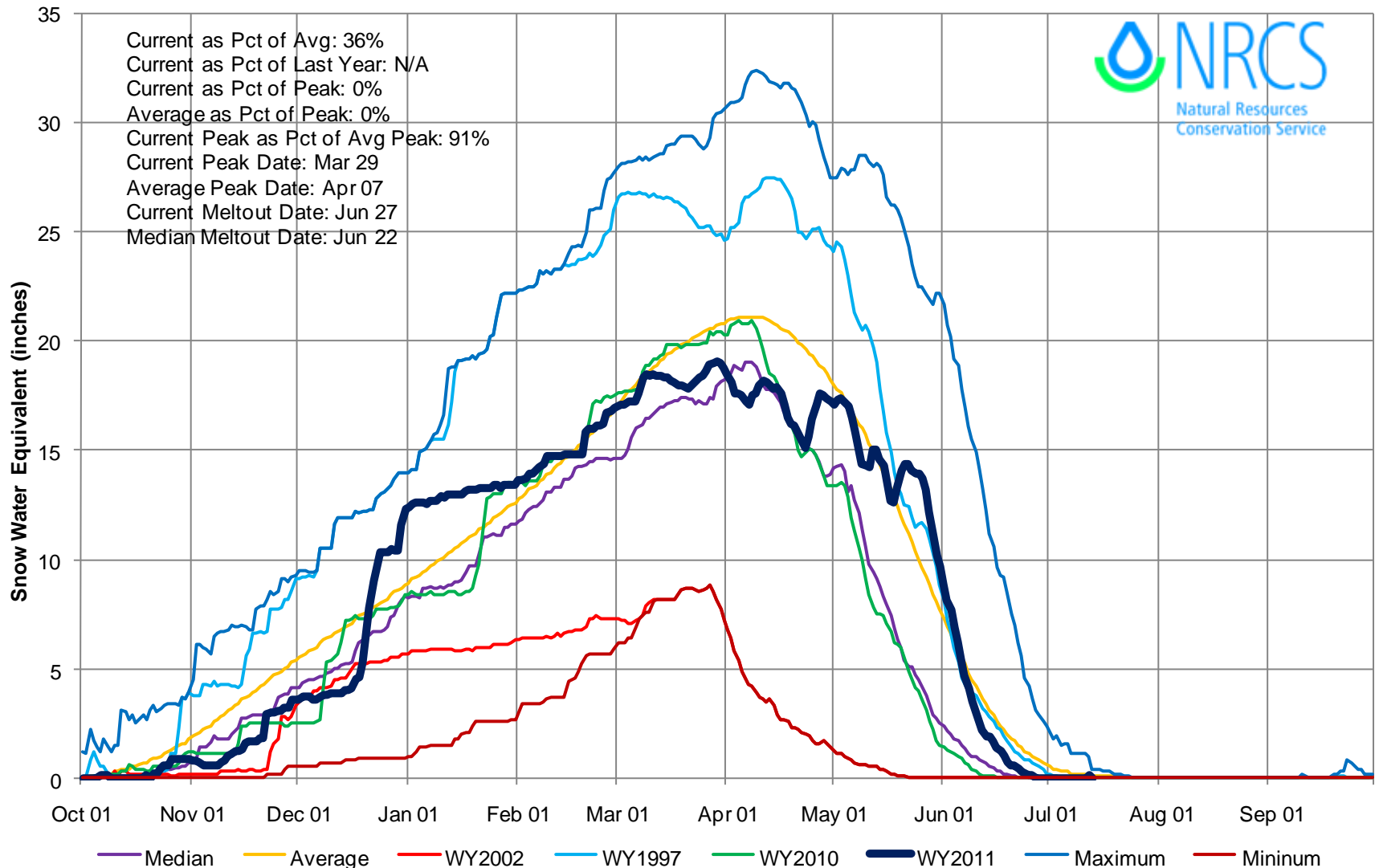


# San Miguel, Dolores, Animas & San Juan River Basins High/Low Snowpack Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*

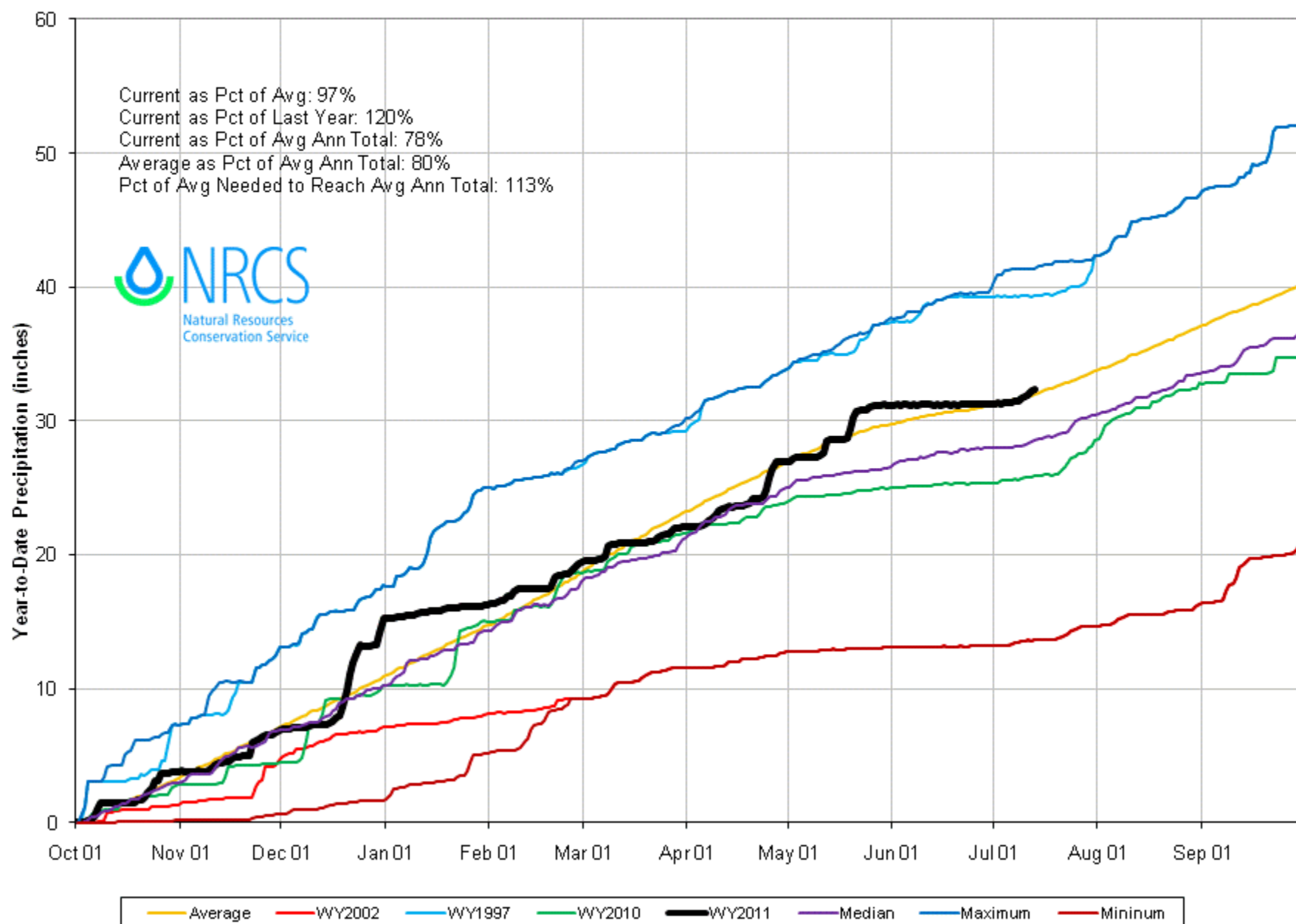


Current as Pct of Avg: 36%  
 Current as Pct of Last Year: N/A  
 Current as Pct of Peak: 0%  
 Average as Pct of Peak: 0%  
 Current Peak as Pct of Avg Peak: 91%  
 Current Peak Date: Mar 29  
 Average Peak Date: Apr 07  
 Current Meltout Date: Jun 27  
 Median Meltout Date: Jun 22

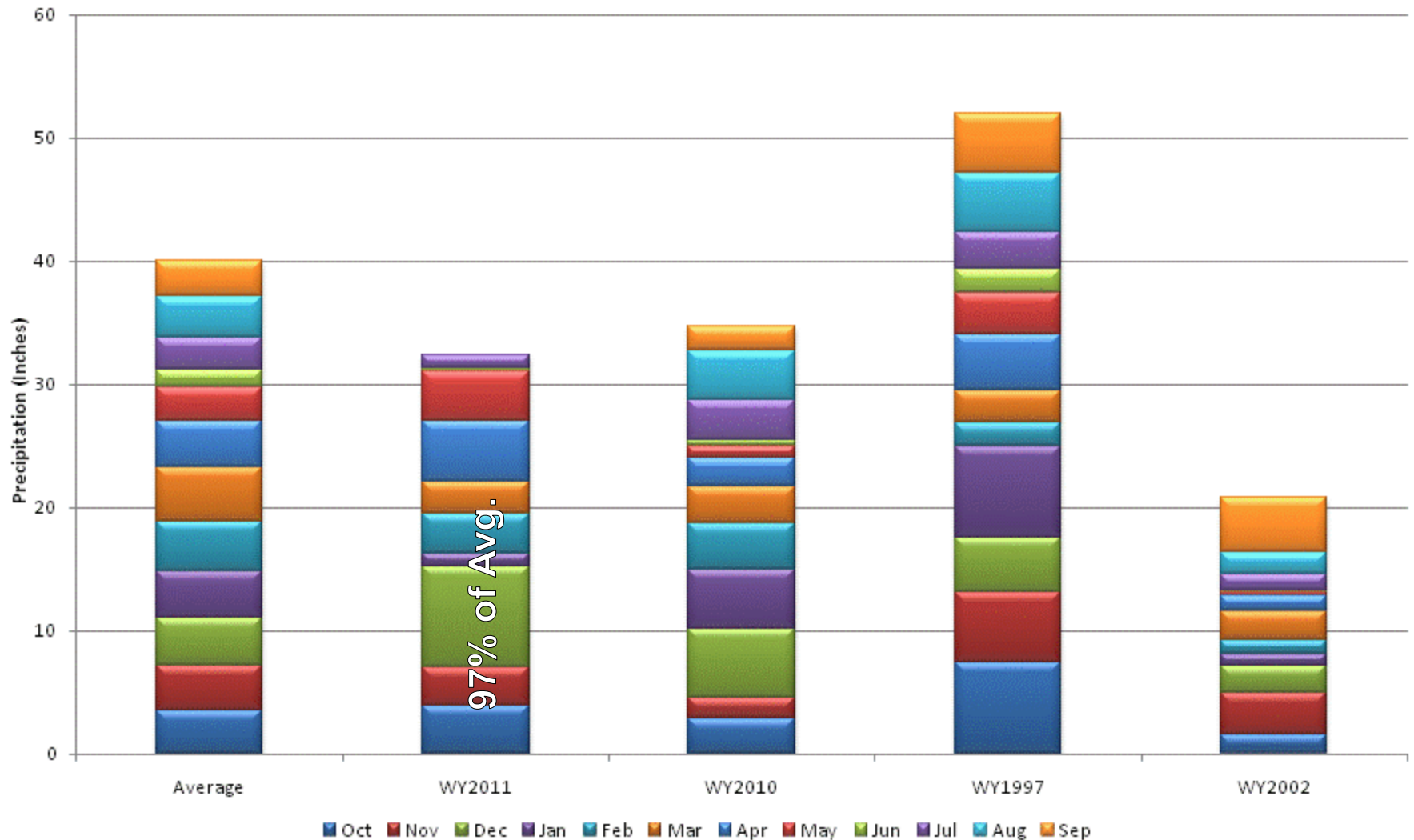


# San Miguel, Dolores, Animas & San Juan River Basins High/Low Year-to-Date Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*

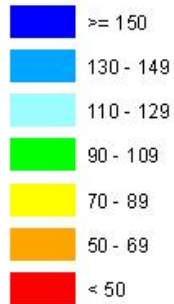


San Miguel, Dolores, Animas & San Juan River Basins  
High/Low Monthly Precipitation Summary  
*Based on Provisional SNOTEL data as of Jul 13, 2011*

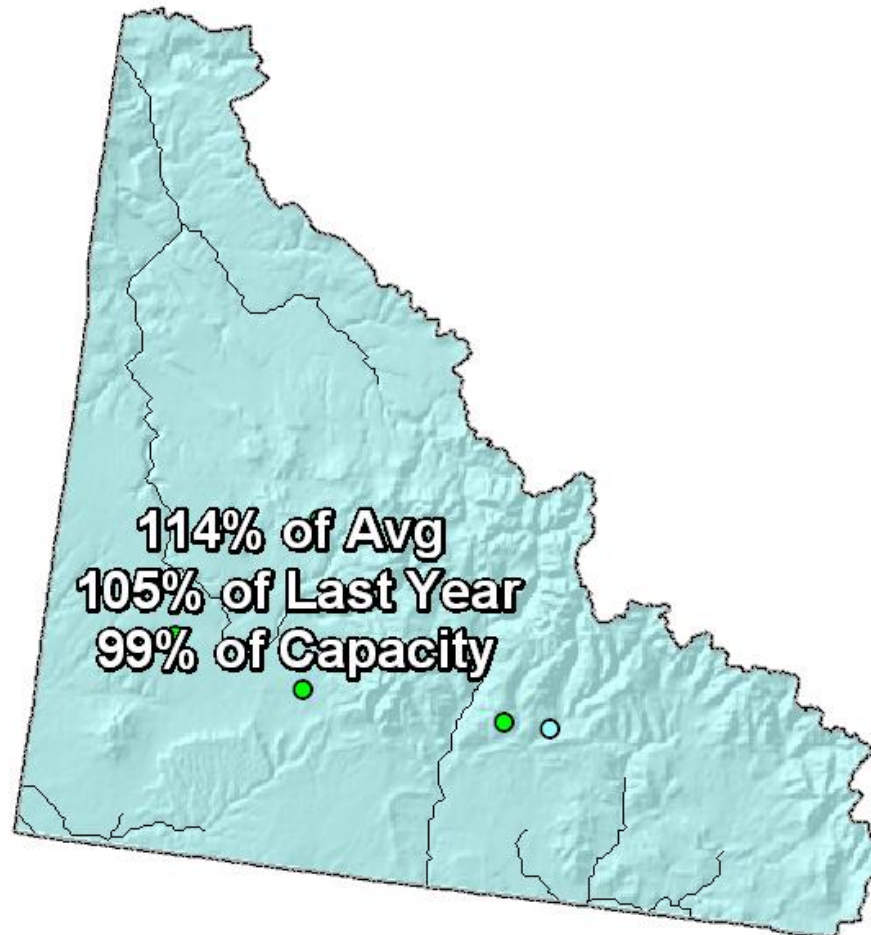


# San Miguel, Dolores, Animas and San Juan River Basins Reservoir Storage Map

Percent of Average



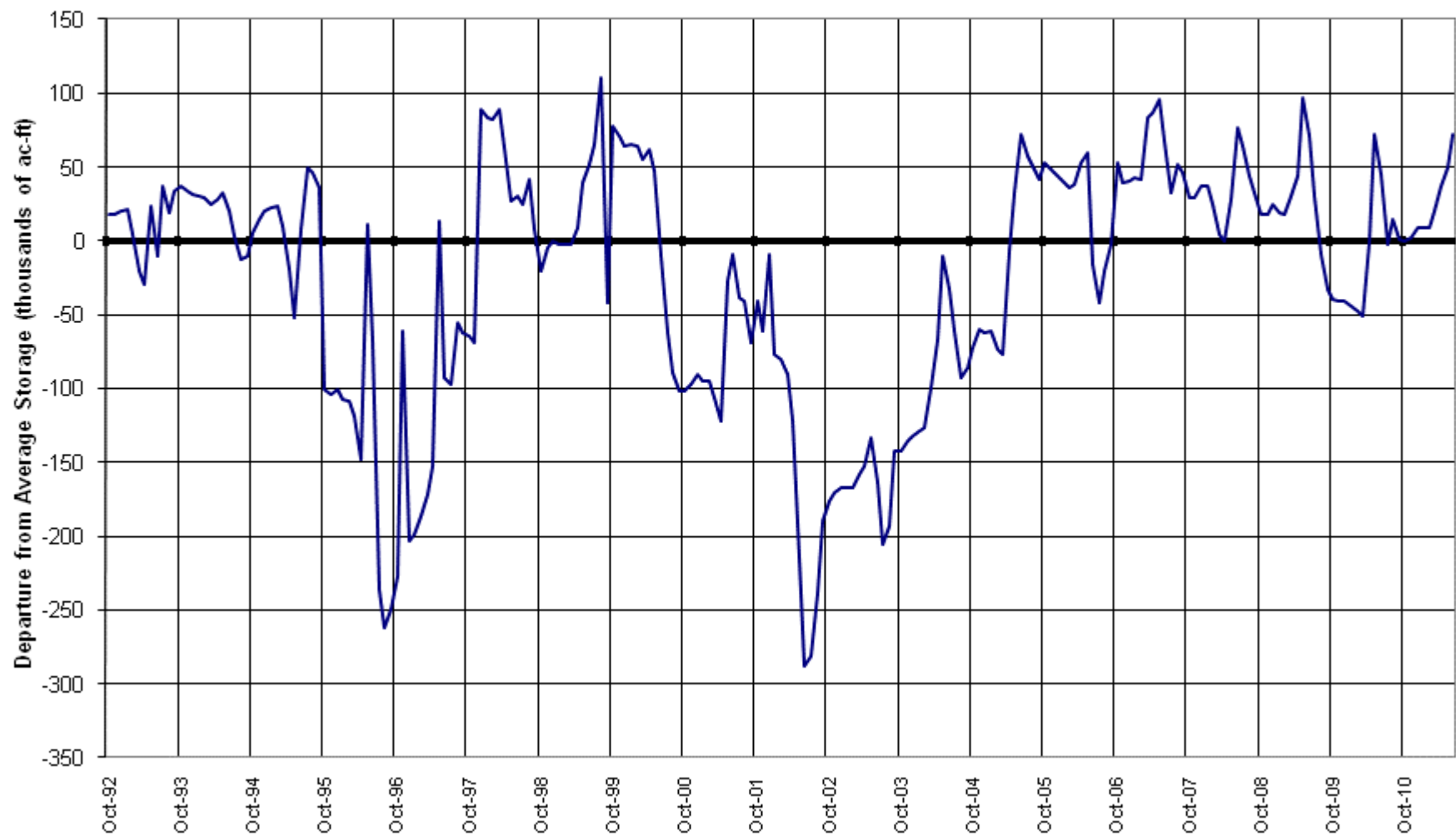
*Provisional Data  
Subject to Revision*



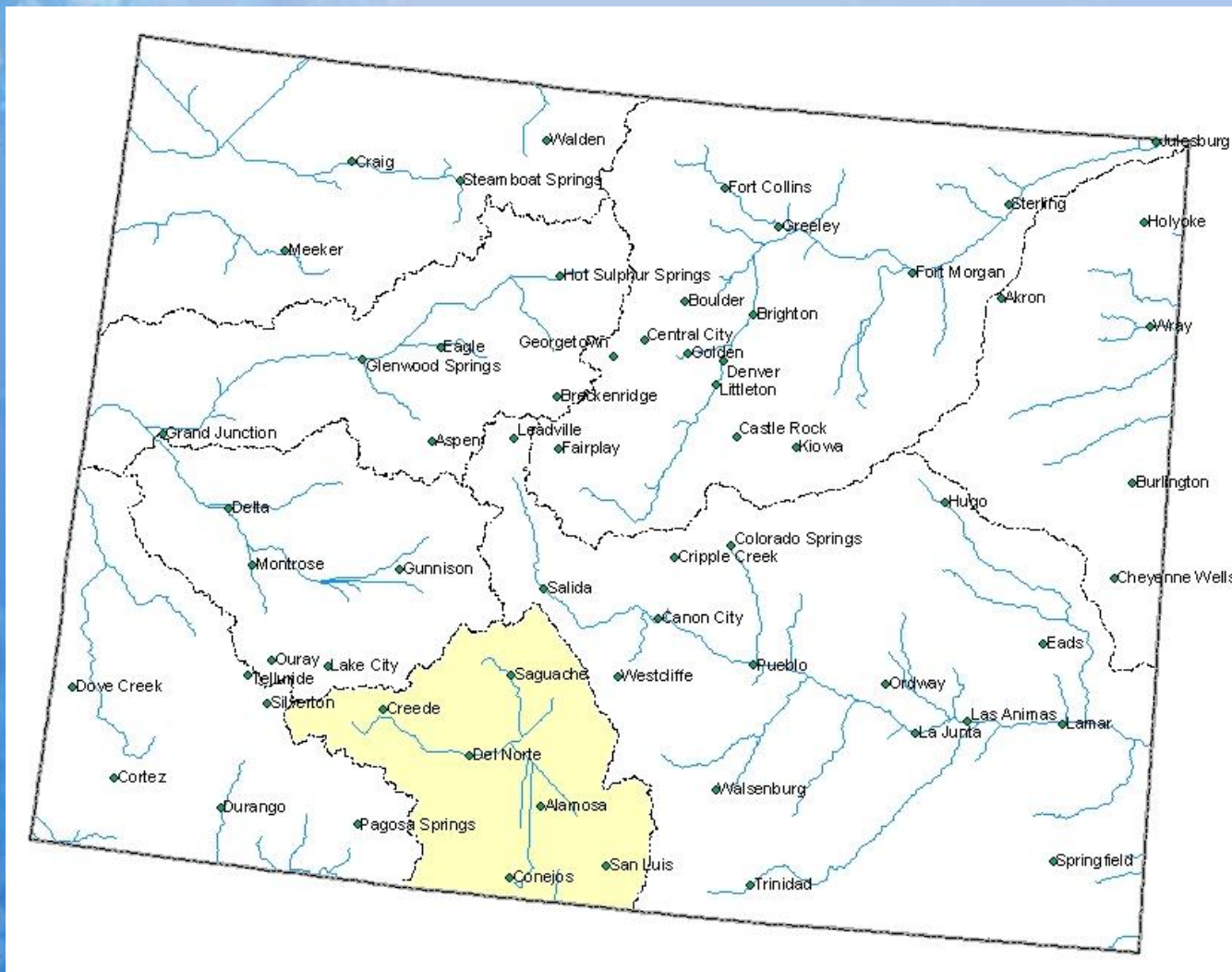
End of June 2011



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

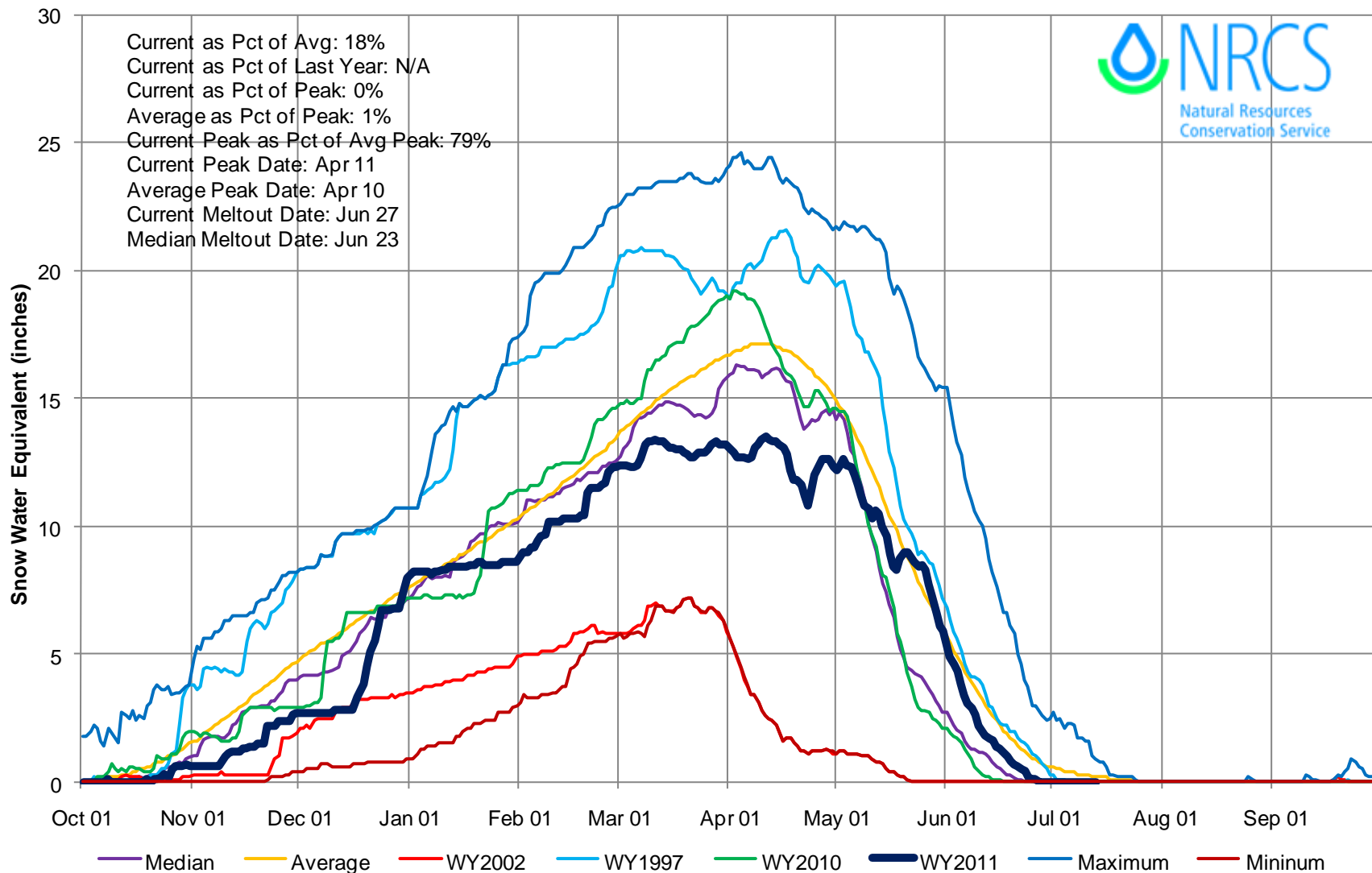


# Upper Rio Grande Basin Summary



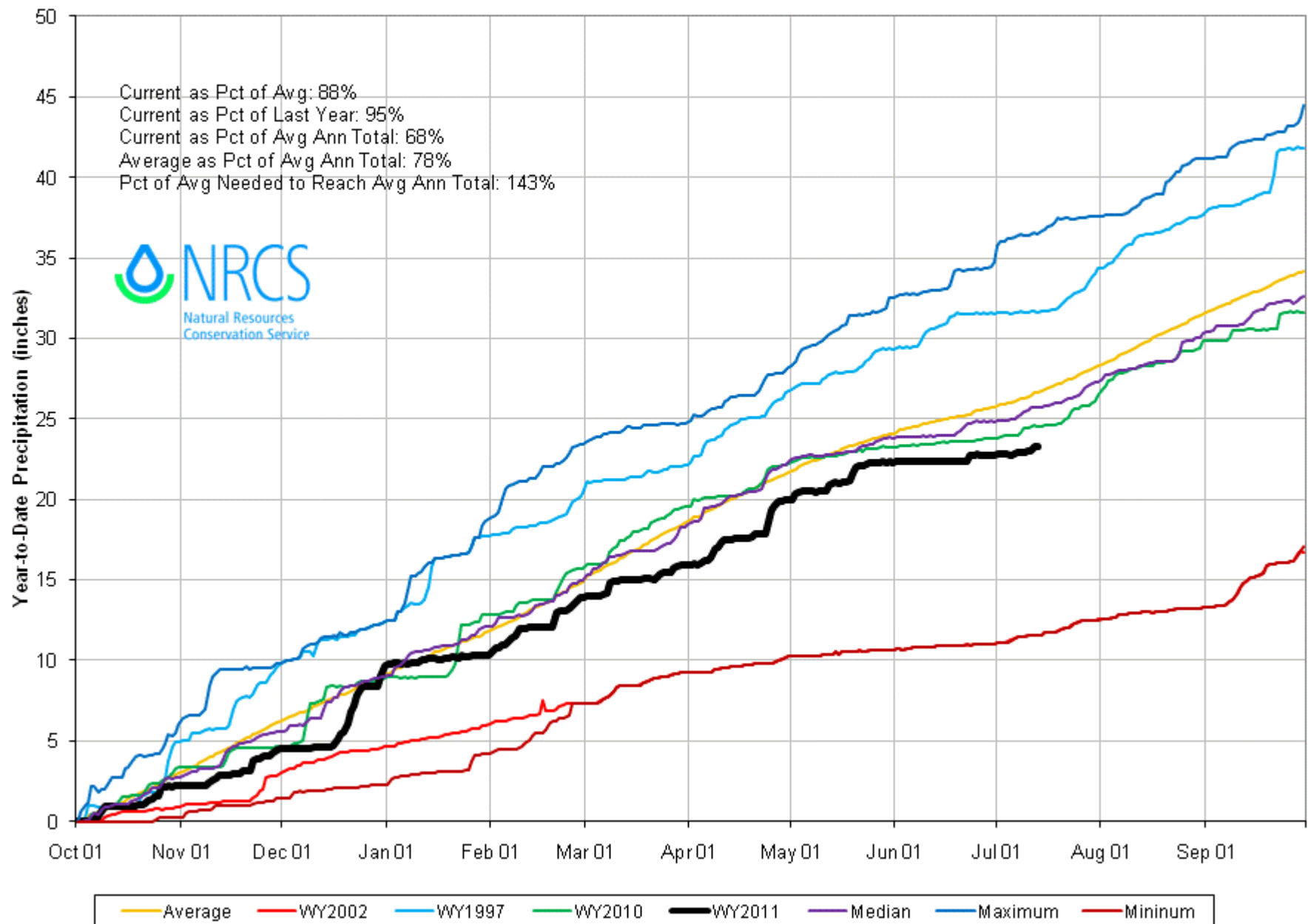
## Upper Rio Grande Basin High/Low Snowpack Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



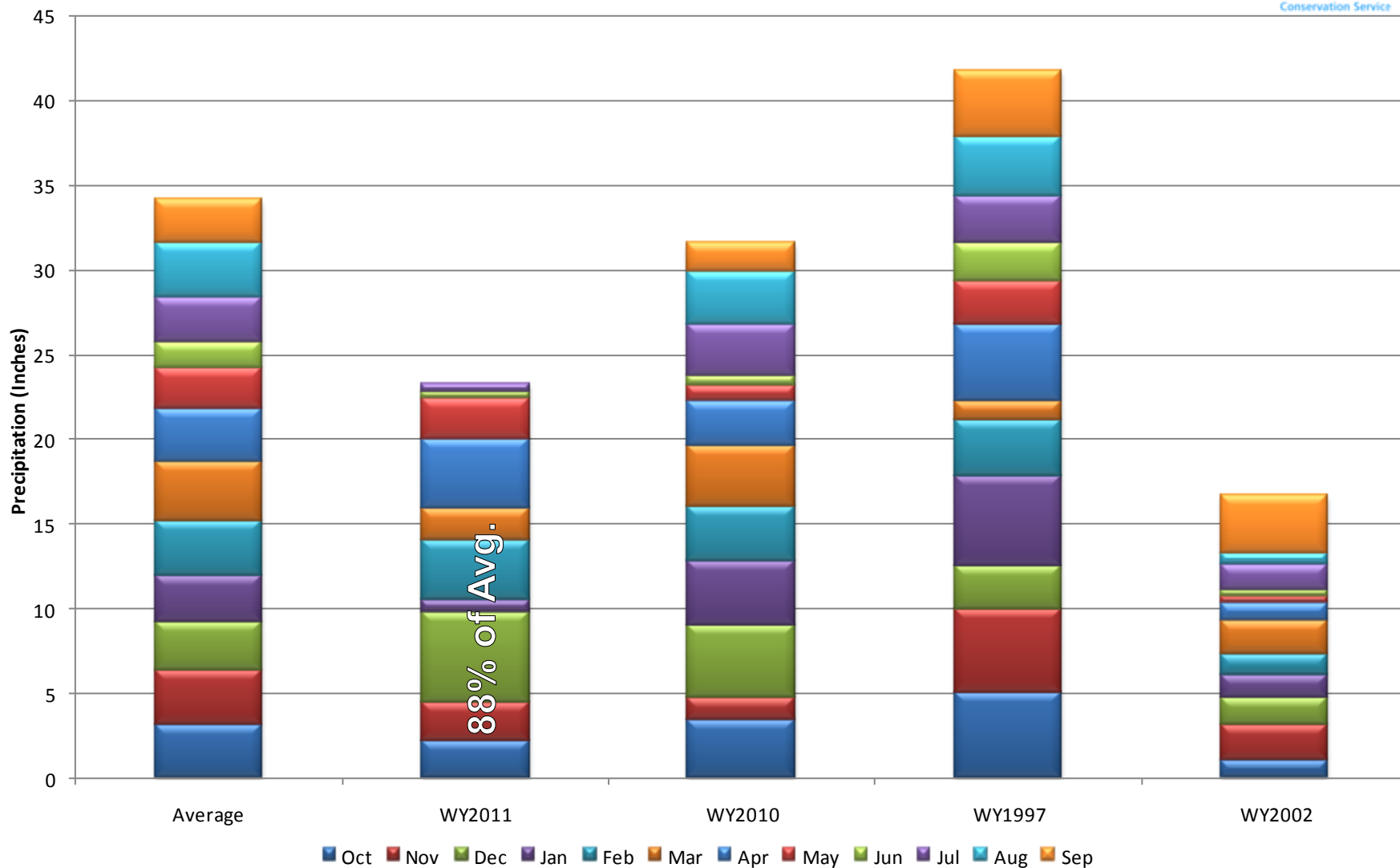
## Upper Rio Grande Basin High/Low Year-to-Date Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



# Upper Rio Grande Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



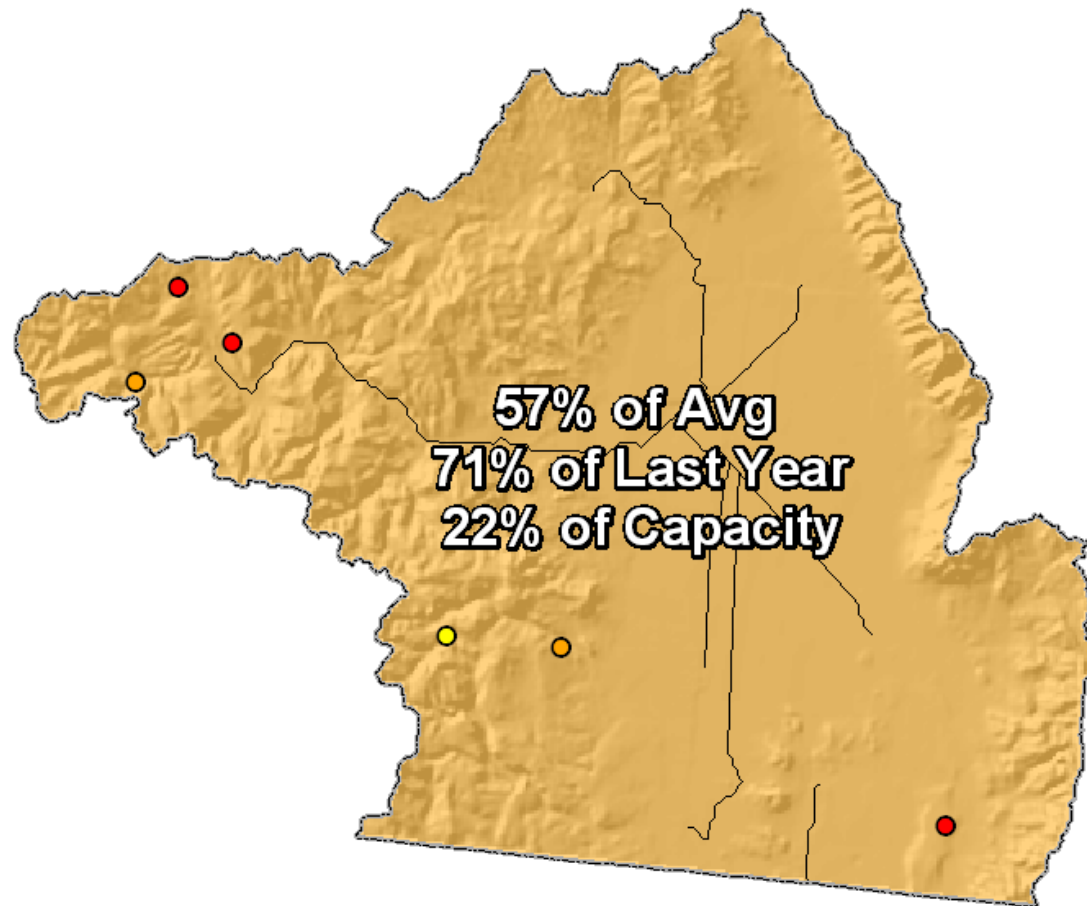


# Upper Rio Grande Basin Reservoir Storage Map

## Percent of Average

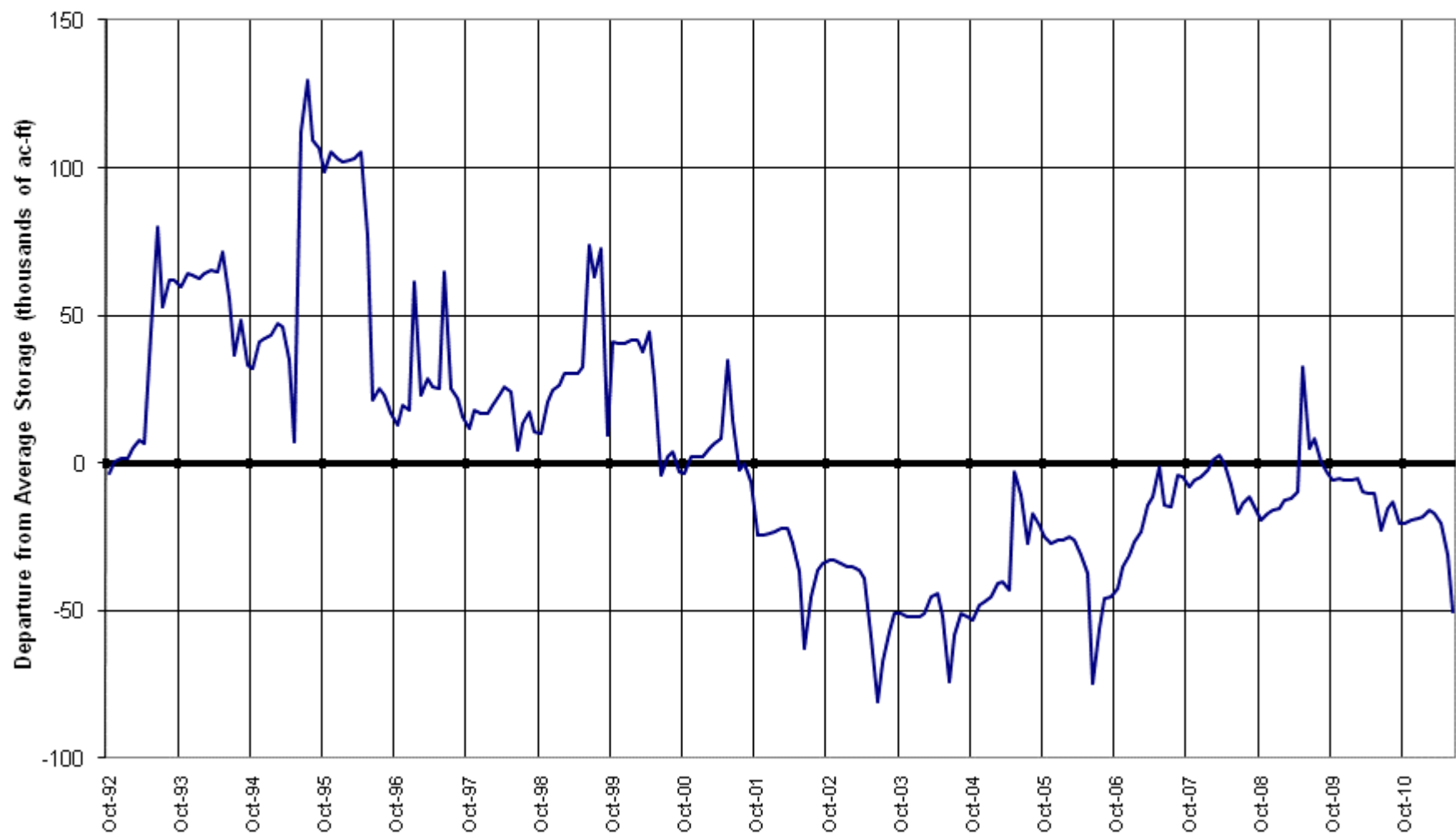


*Provisional Data  
Subject to Revision*

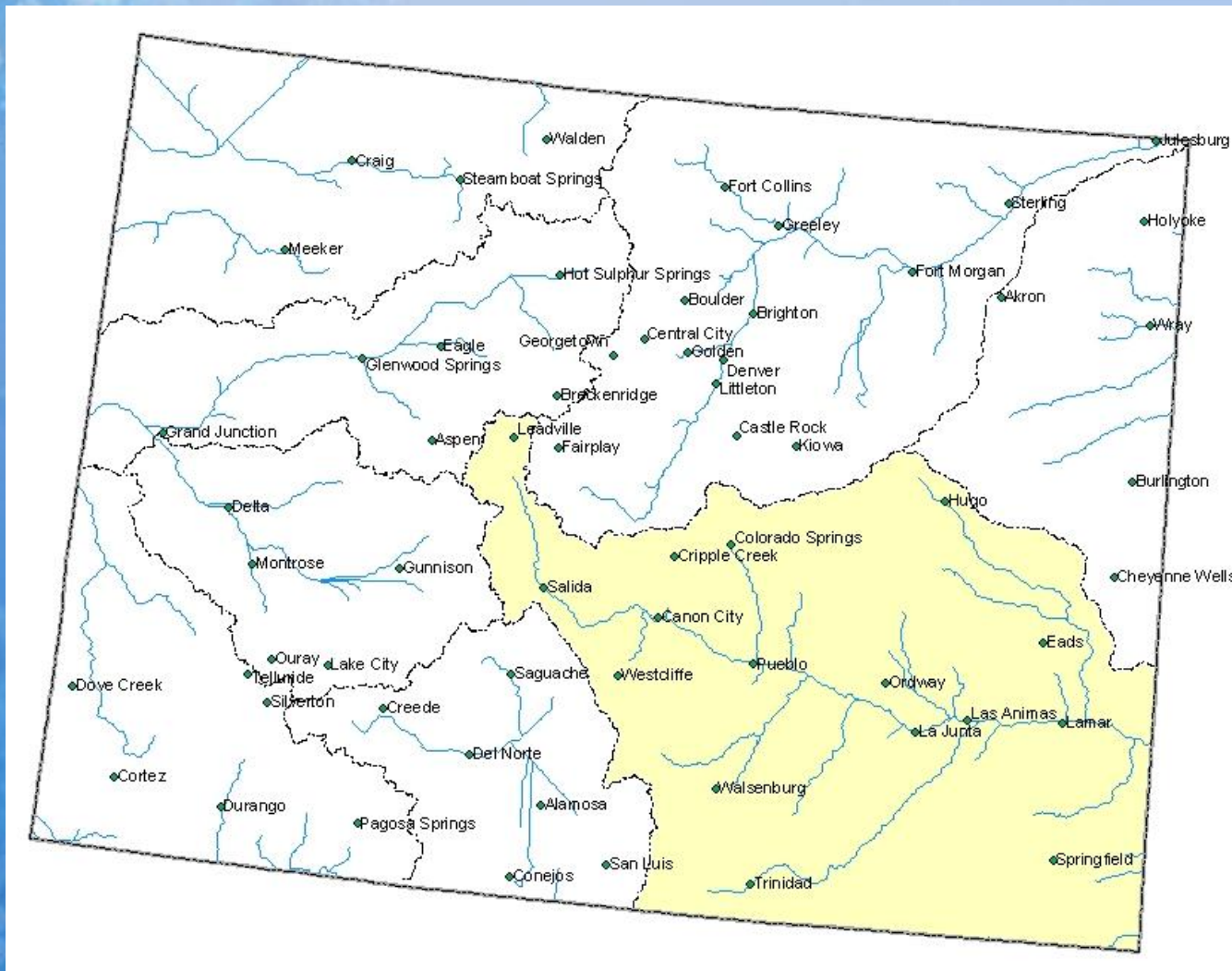


End of June 2011

UPPER RIO GRANDE BASIN  
Reservoir Storage  
Departure from Average

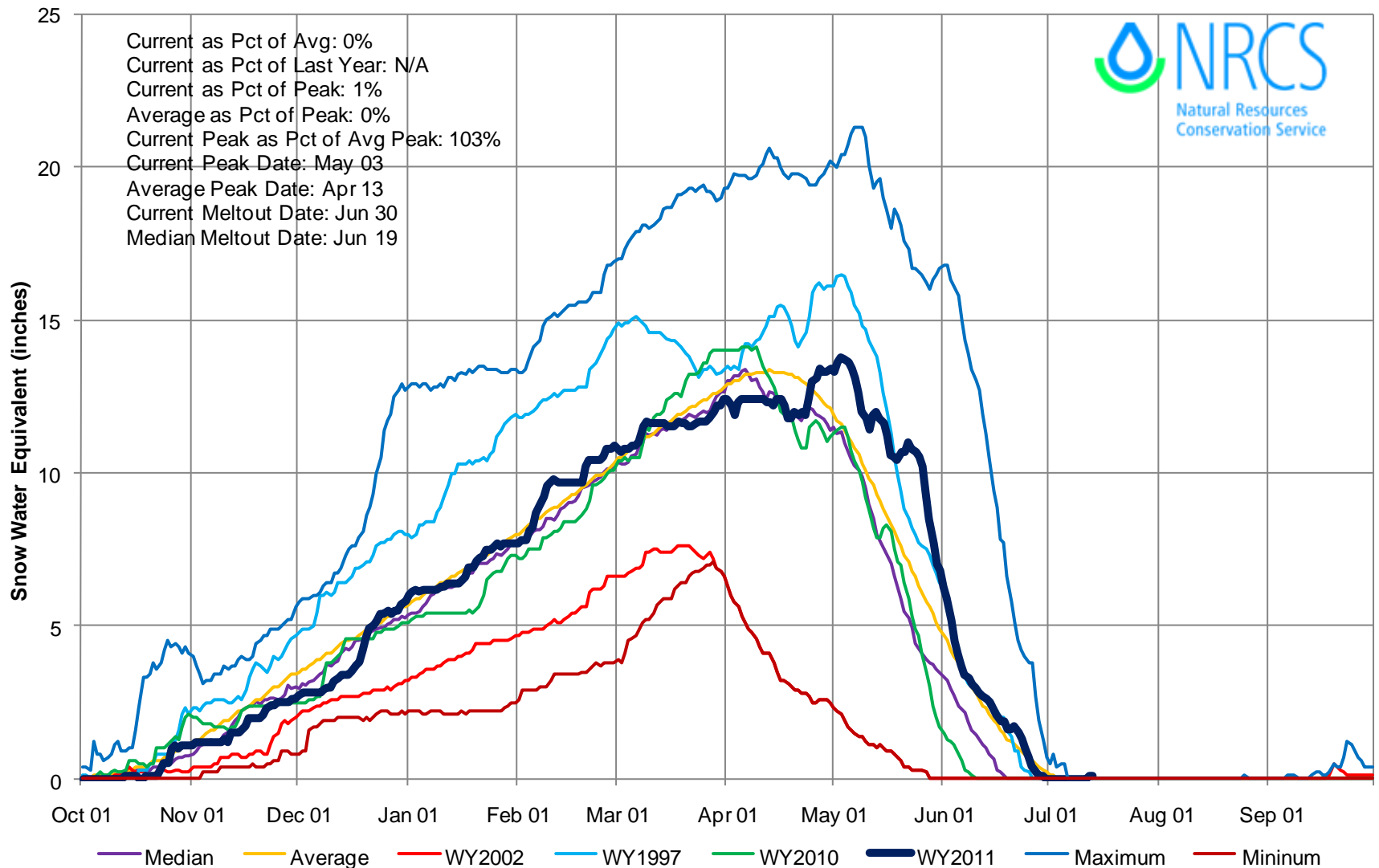


# Arkansas River Basin Summary



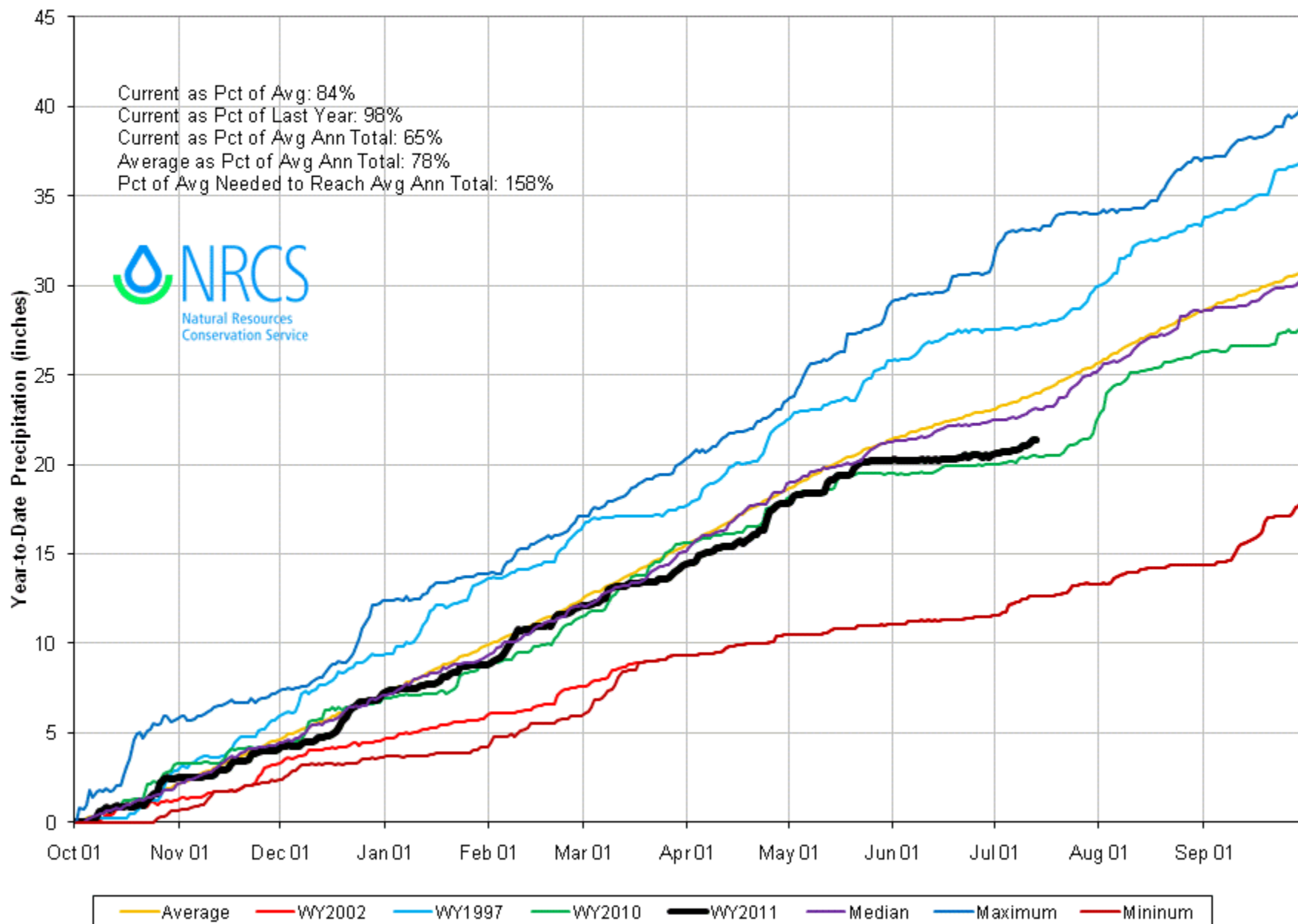
## Arkansas River Basin High/Low Snowpack Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



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

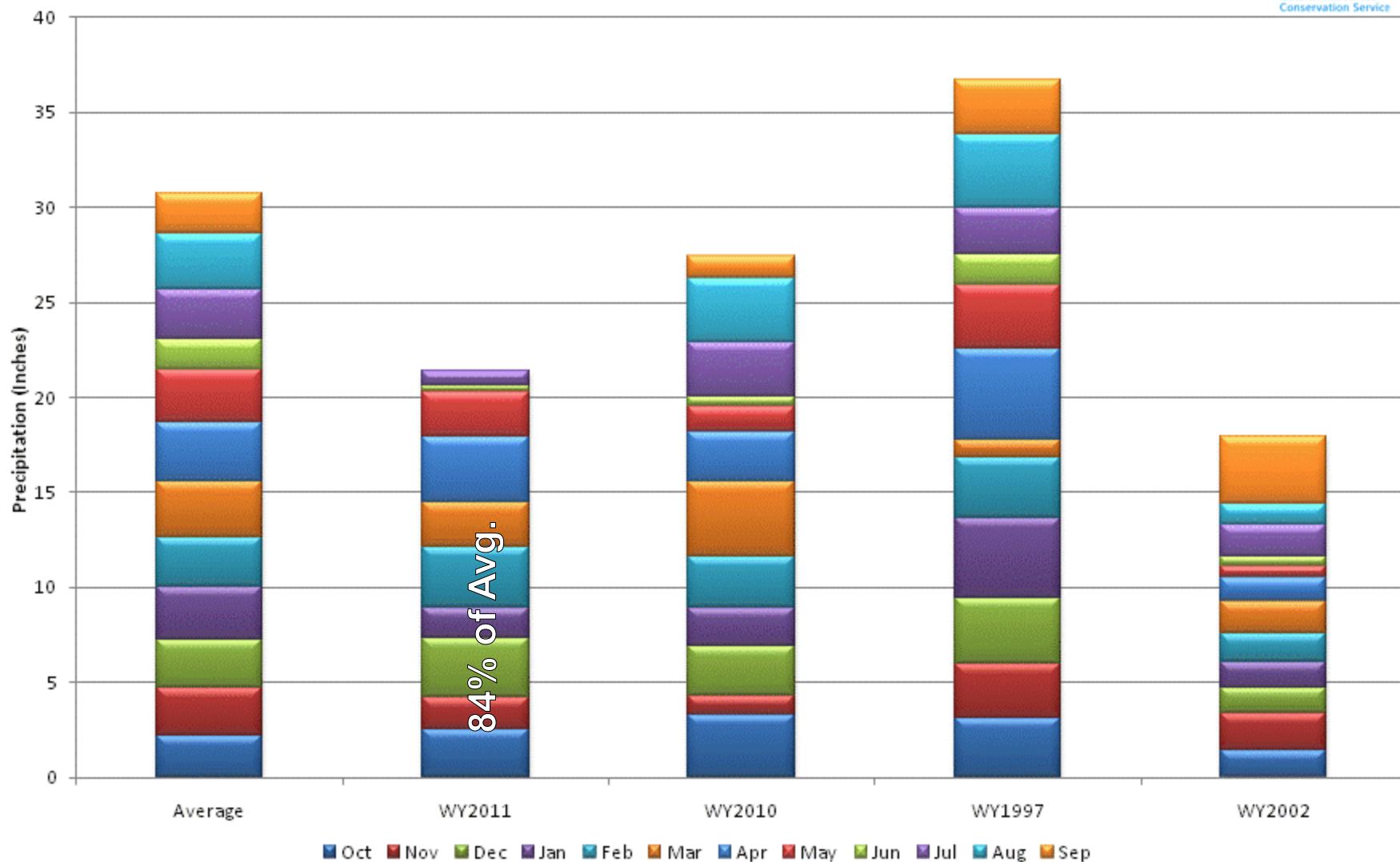
*Based on Provisional SNOTEL data as of Jul 13, 2011*





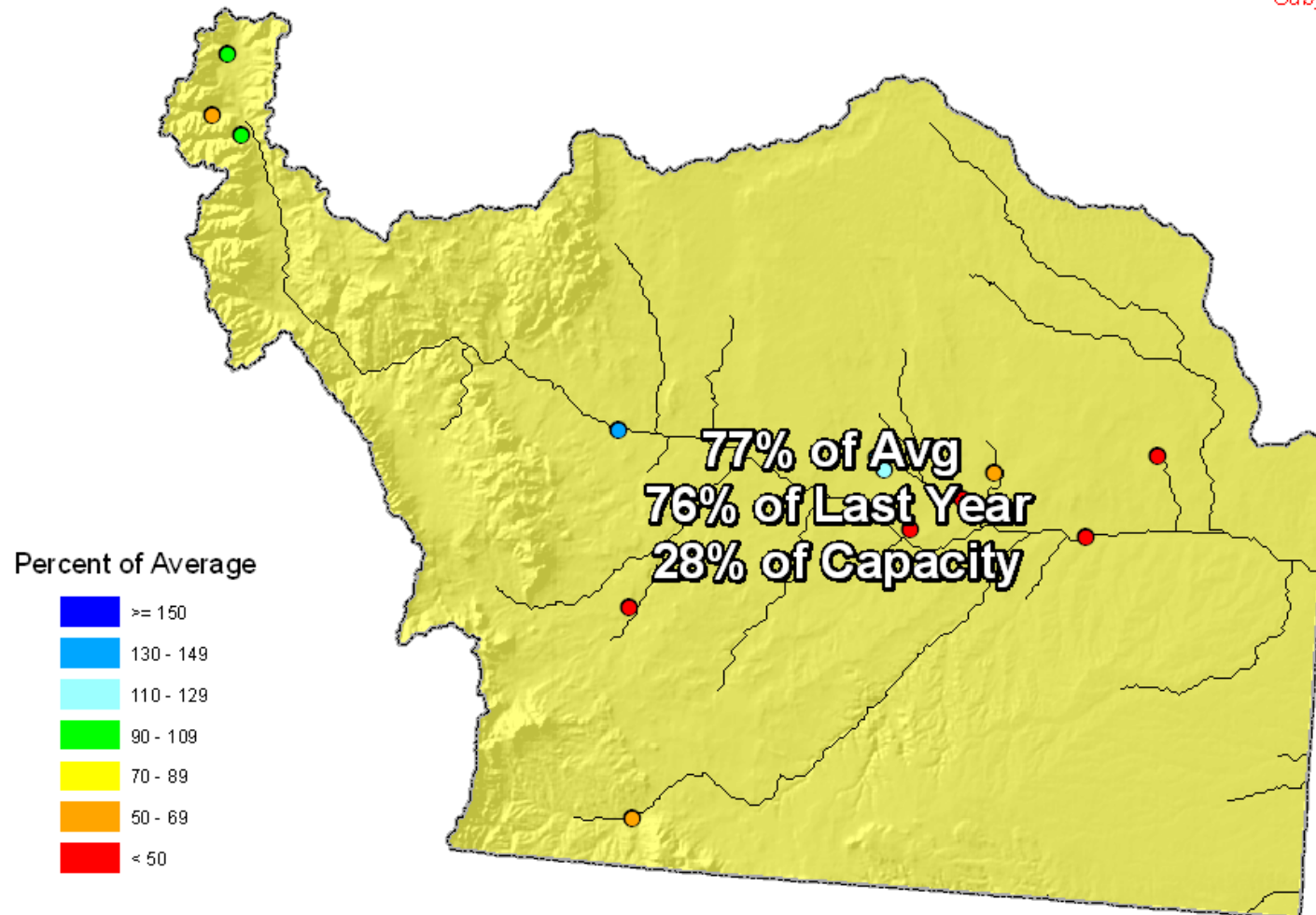
## Arkansas River Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 13, 2011*



# Arkansas River Basin Reservoir Storage Map

*Provisional Data  
Subject to Revision*

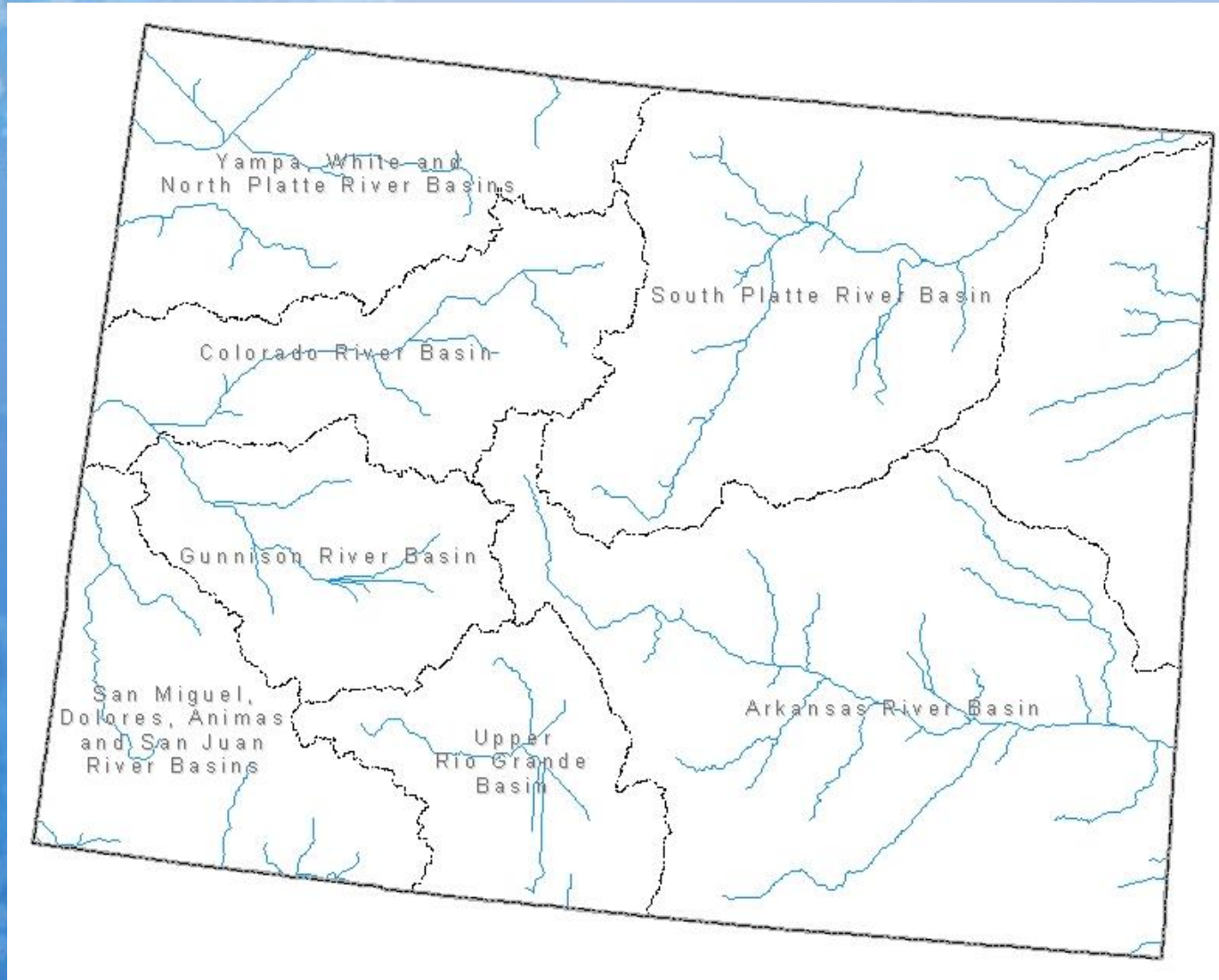


End of June 2011

**ARKANSAS RIVER BASIN**  
**Reservoir Storage**  
**Departure from Average**



# Colorado Statewide Summary



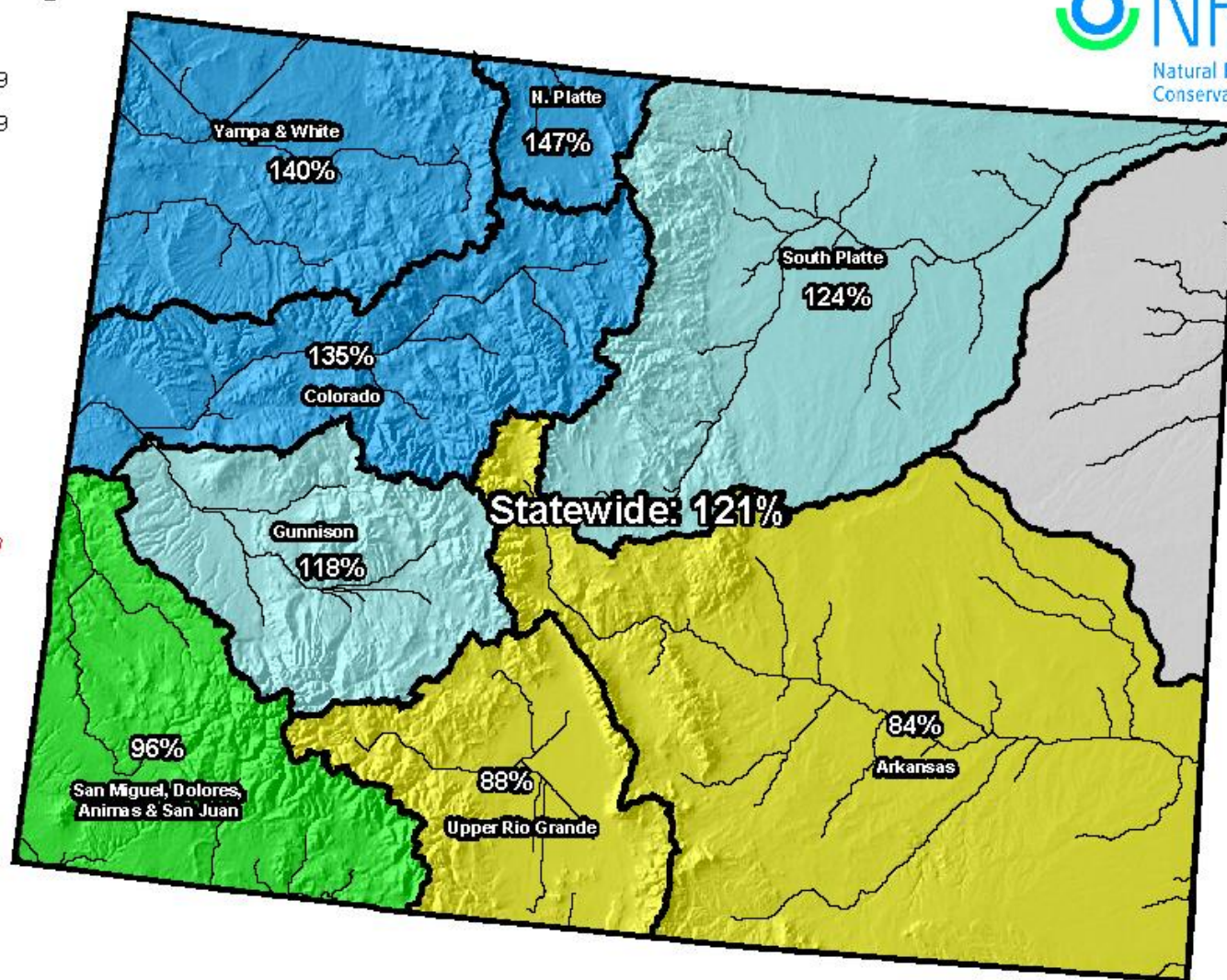


# Colorado SNOTEL Water Year-to-Date Precipitation Update Map

Percent of Average



*Provisional Data  
Subject to Revision*



Current as of Jul 13, 2011

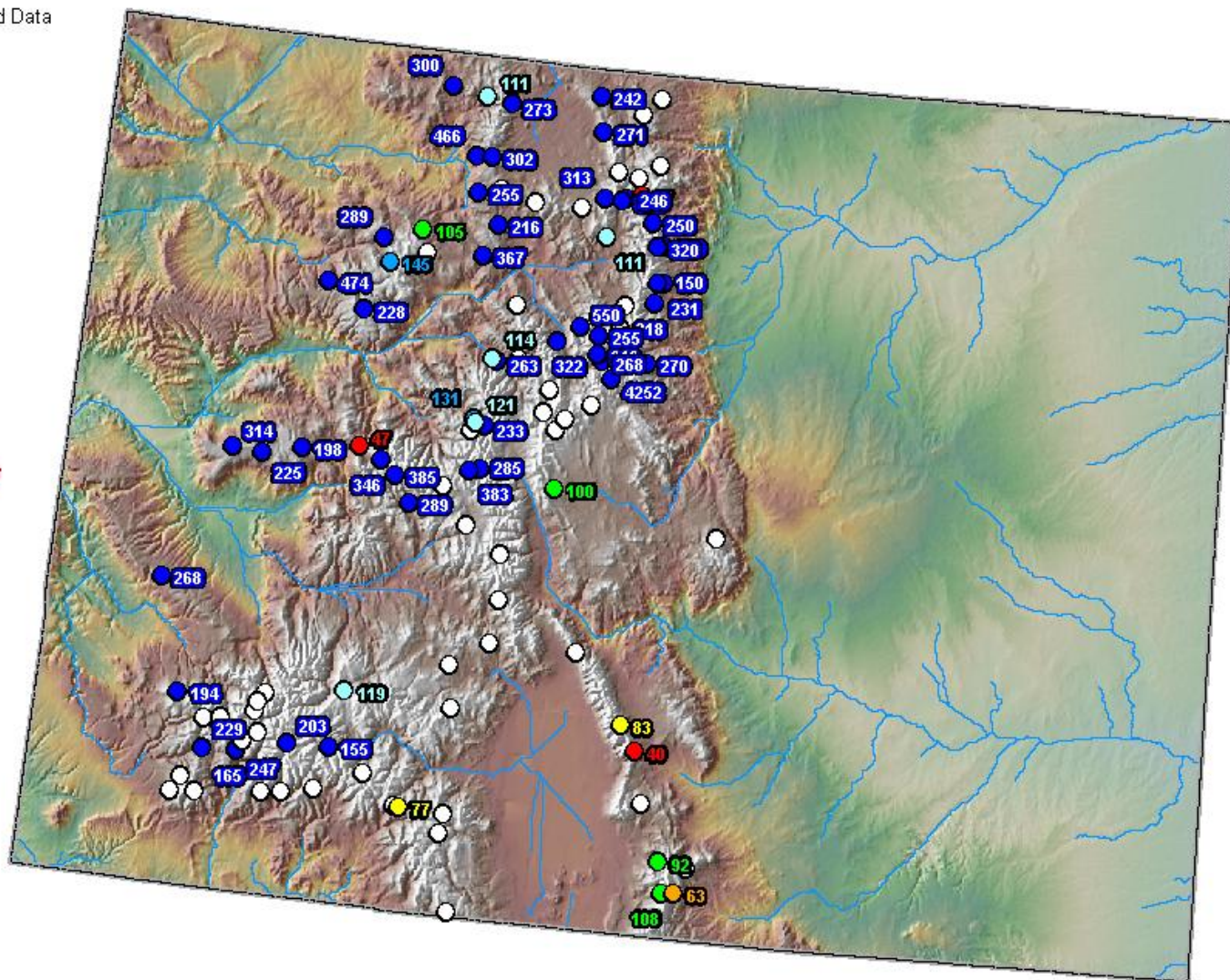


# Colorado SNOTEL Month-to-Date Precipitation

Percent of Average

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

*Provisional Data  
Subject to Revision*

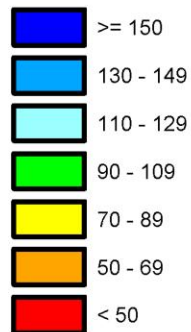


Current as of Jul 13, 2011

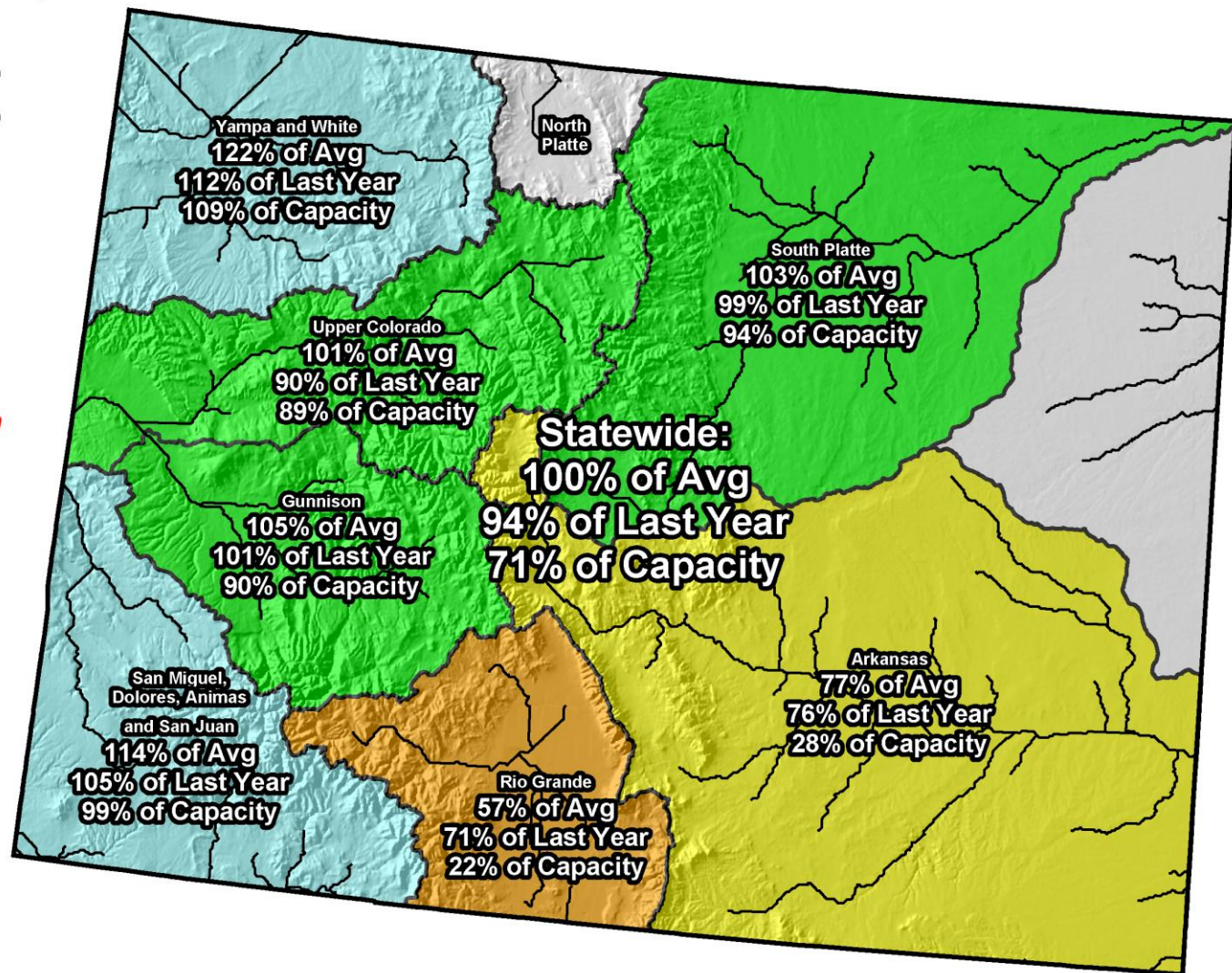


# Colorado Reservoir Storage Map

## Percent of Average



*Provisional Data  
Subject to Revision*



End of June 2011