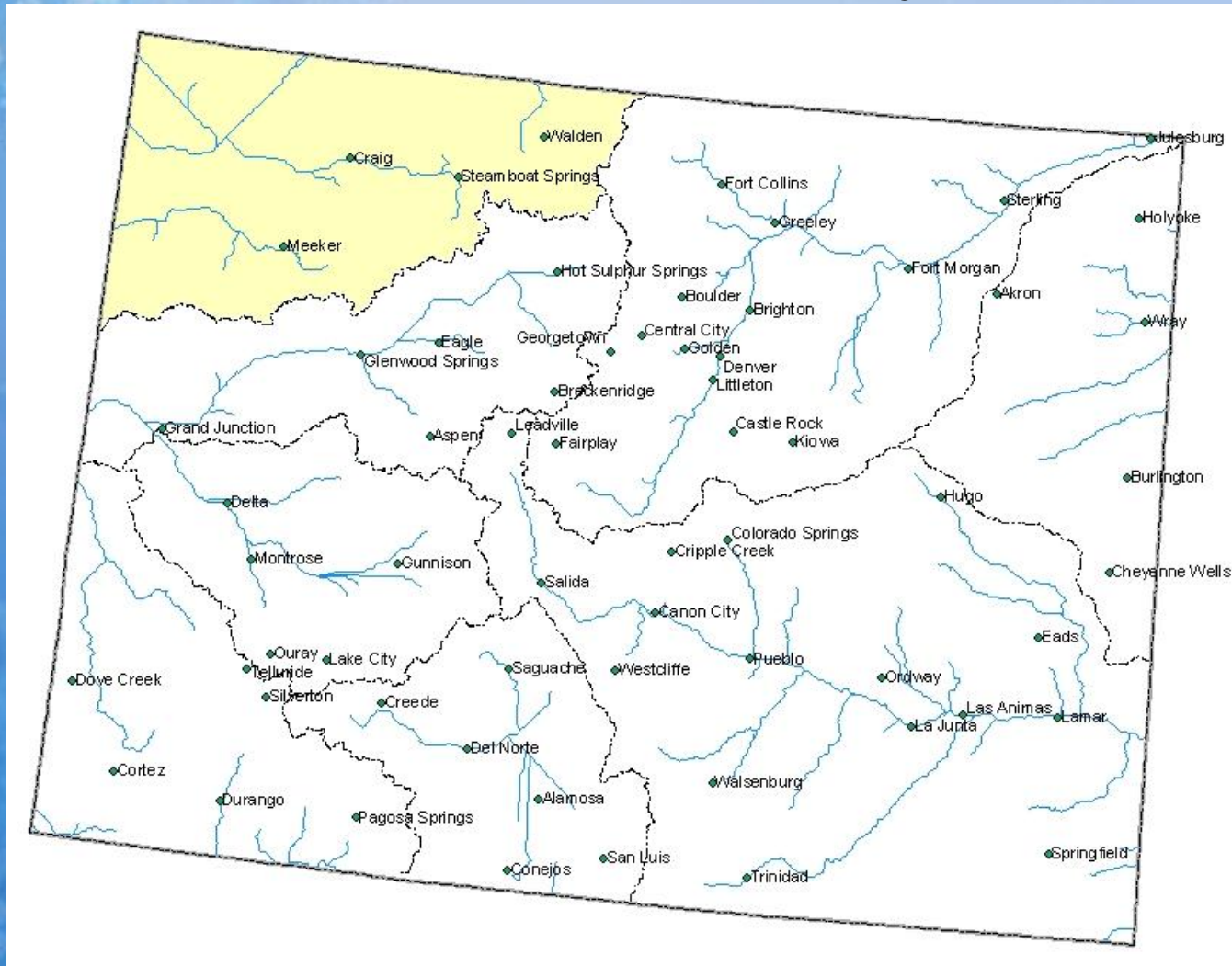


# NRCS – Snow Survey & Water Supply Forecasting

Mike Gillespie

Water Availability Task Force Meeting  
July 19, 2010

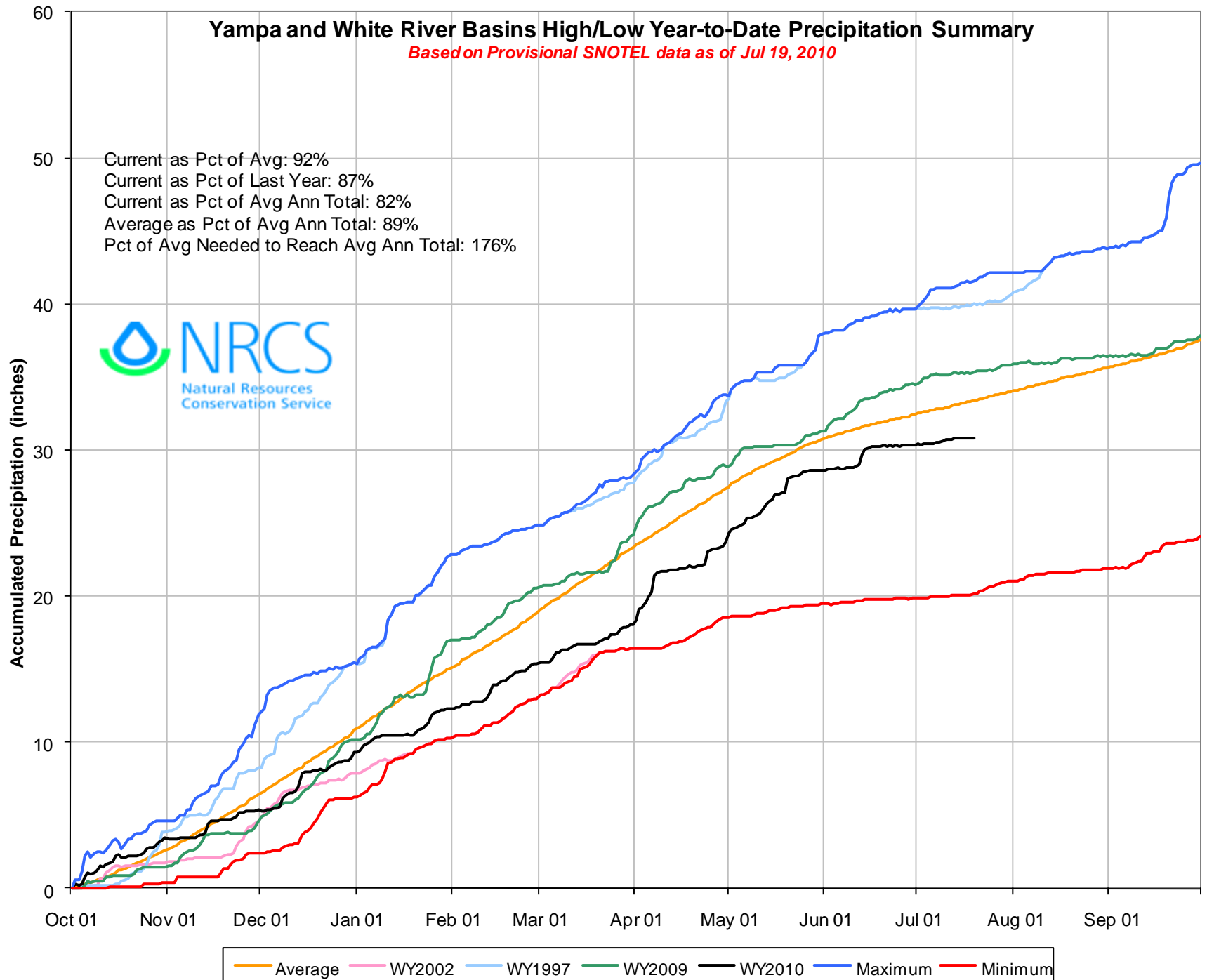
# Yampa, White & North Platte River Basins Summary



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

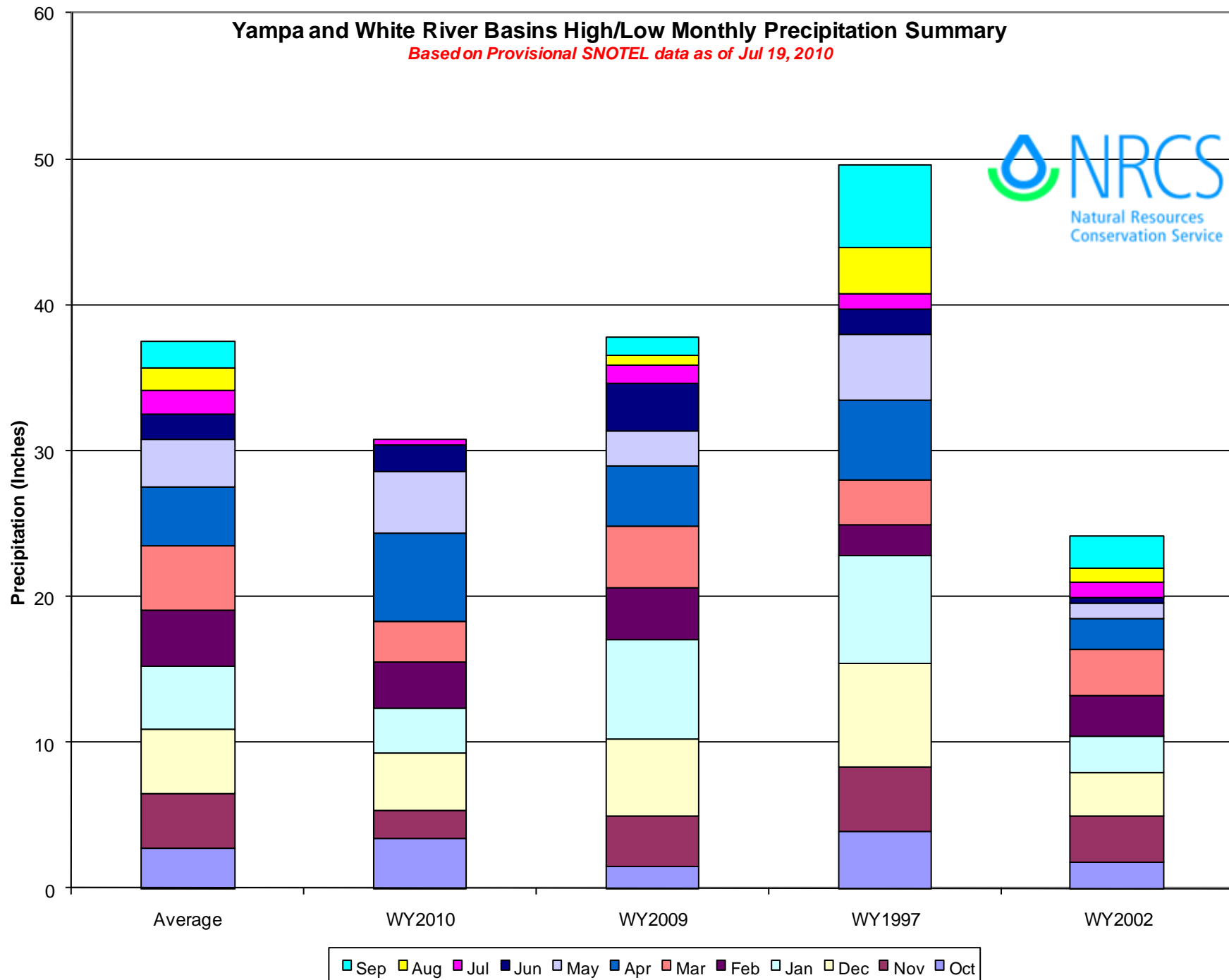
*Based on Provisional SNOTEL data as of Jul 19, 2010*

Current as Pct of Avg: 92%  
Current as Pct of Last Year: 87%  
Current as Pct of Avg Ann Total: 82%  
Average as Pct of Avg Ann Total: 89%  
Pct of Avg Needed to Reach Avg Ann Total: 176%



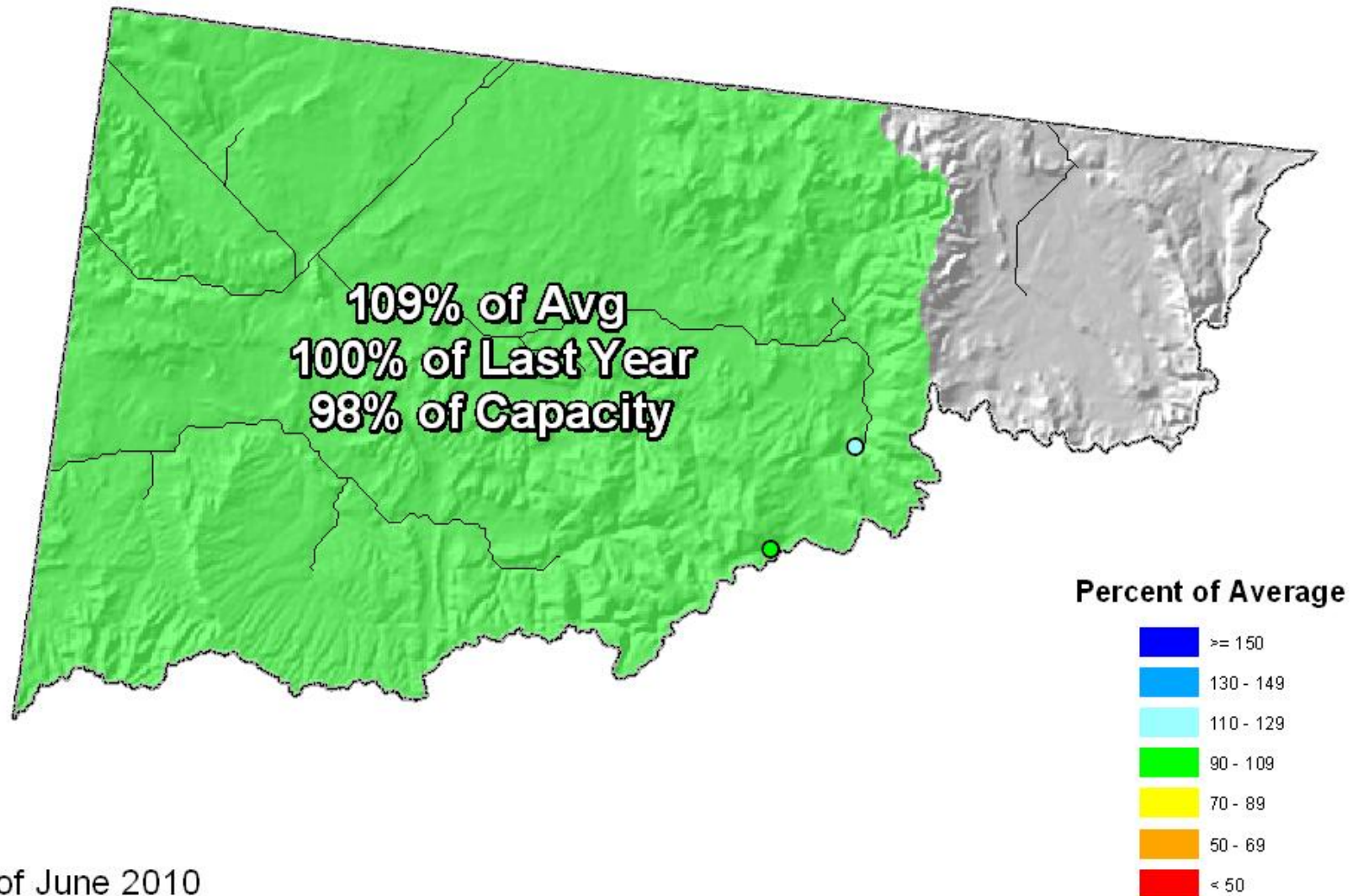
# Yampa and White River Basins High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 19, 2010*



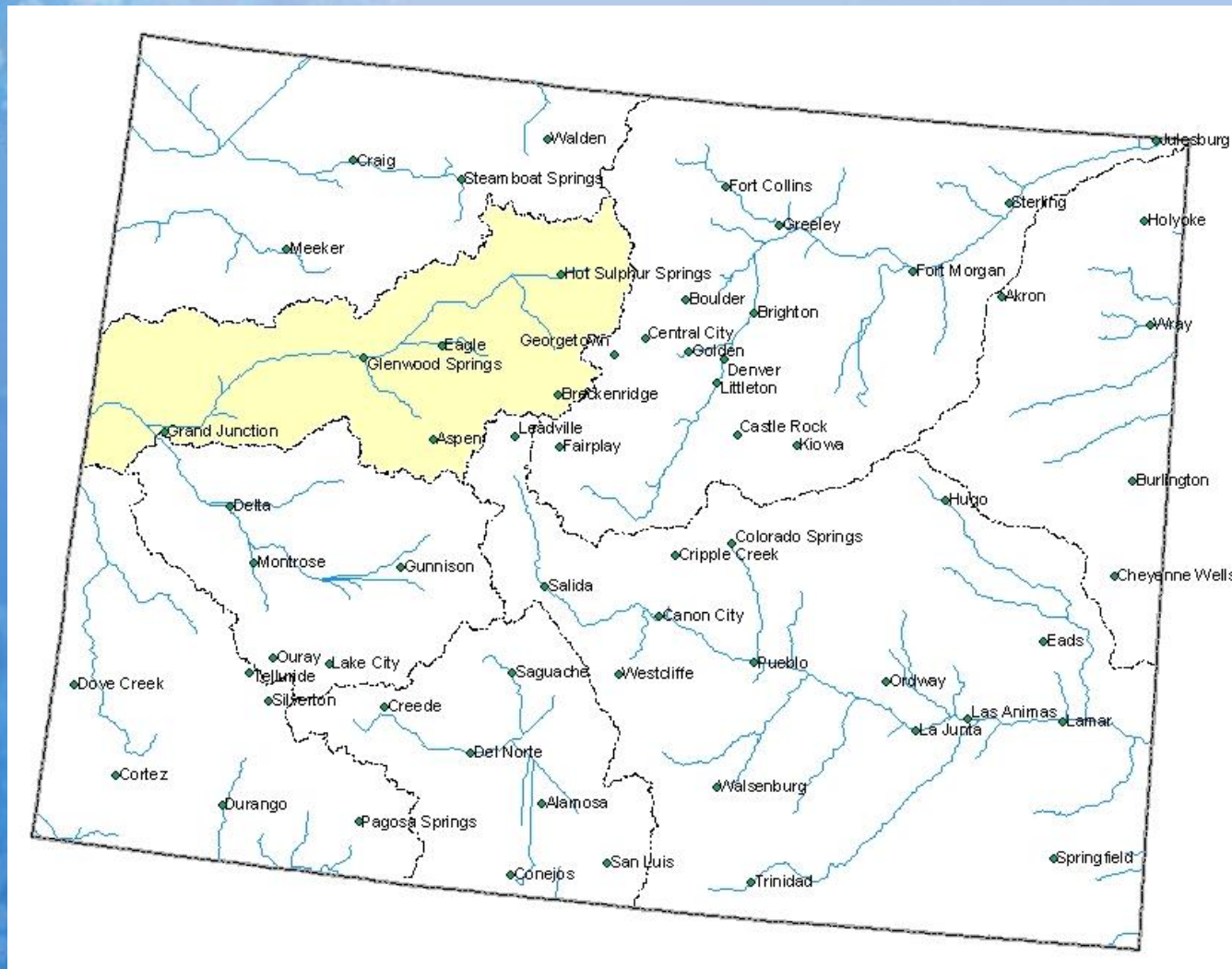
# Yampa & White River Basins Reservoir Storage Map

*Provisional Data  
Subject to Revision*



End of June 2010

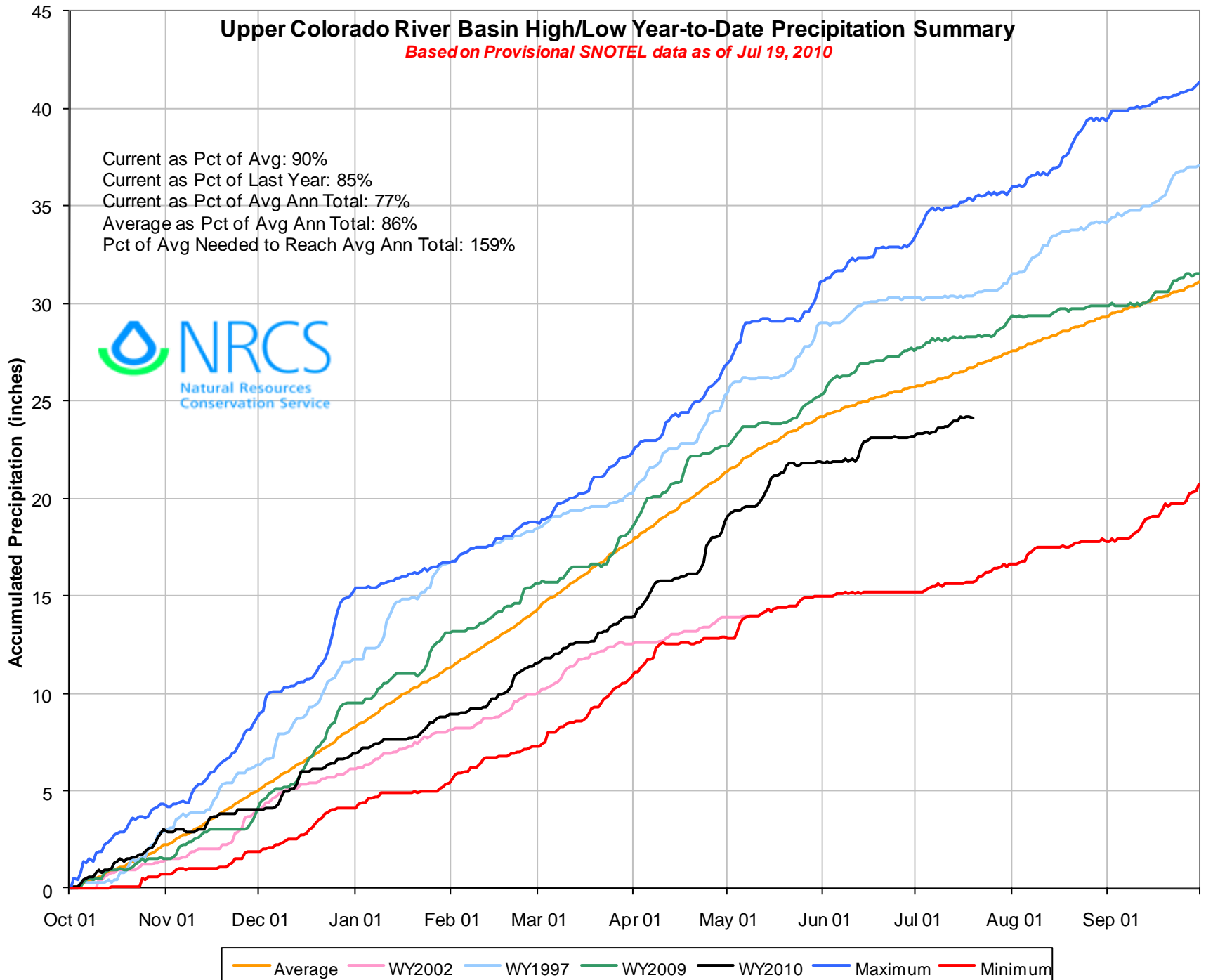
# Colorado River Basin Summary



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

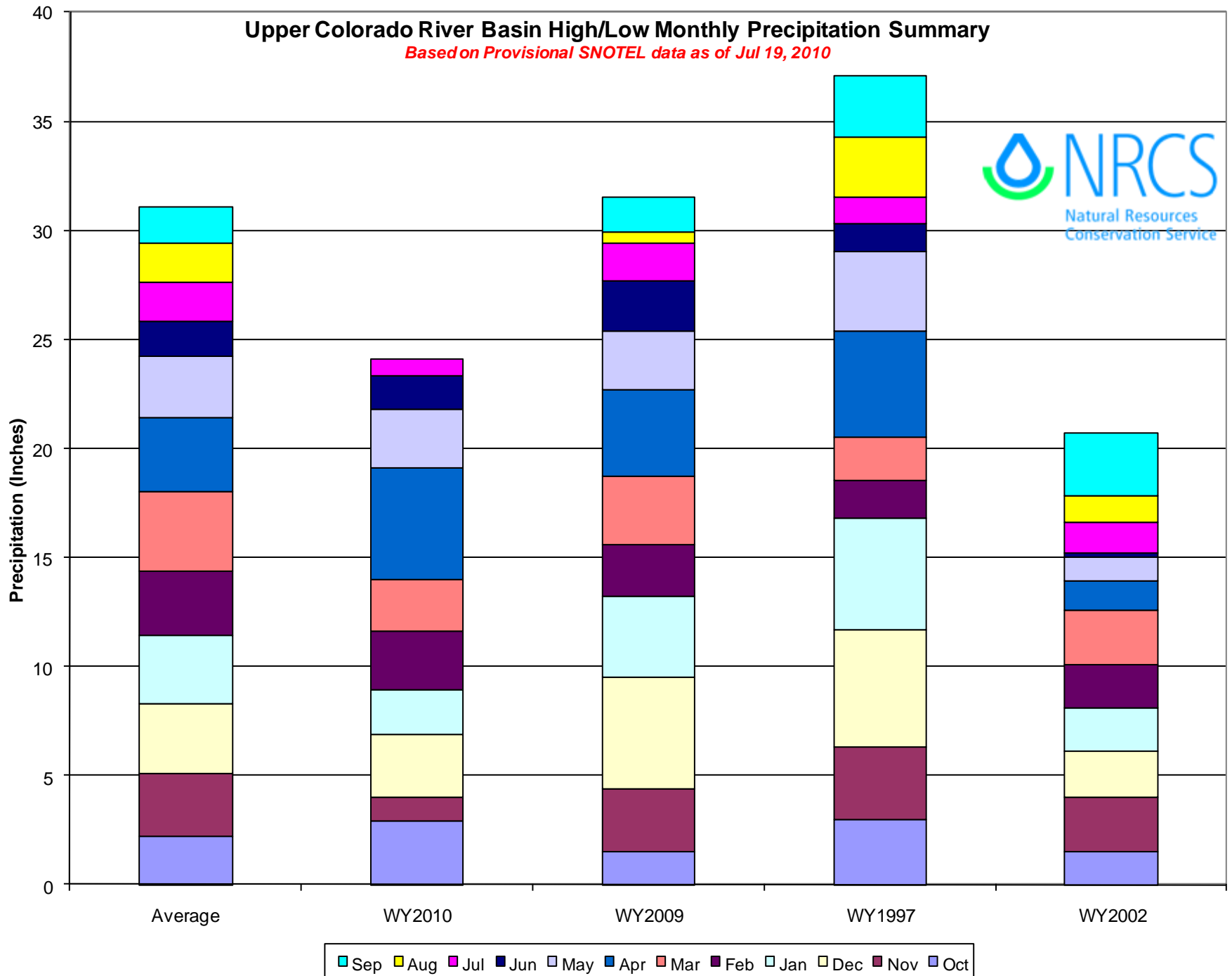
*Based on Provisional SNOTEL data as of Jul 19, 2010*

Current as Pct of Avg: 90%  
Current as Pct of Last Year: 85%  
Current as Pct of Avg Ann Total: 77%  
Average as Pct of Avg Ann Total: 86%  
Pct of Avg Needed to Reach Avg Ann Total: 159%



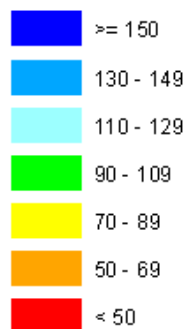
# Upper Colorado River Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 19, 2010*

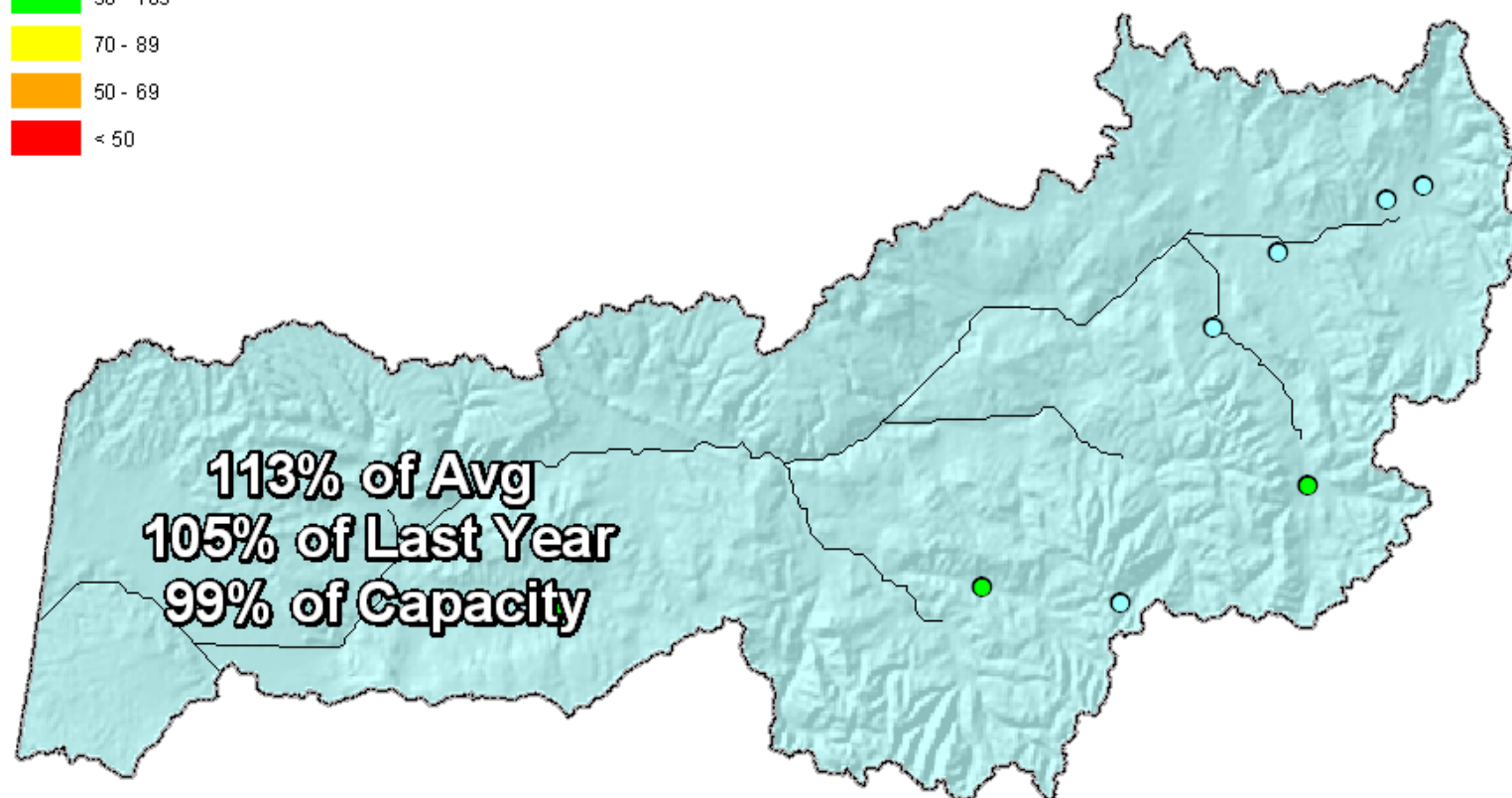


# Colorado River Basin Reservoir Storage Map

## Percent of Average

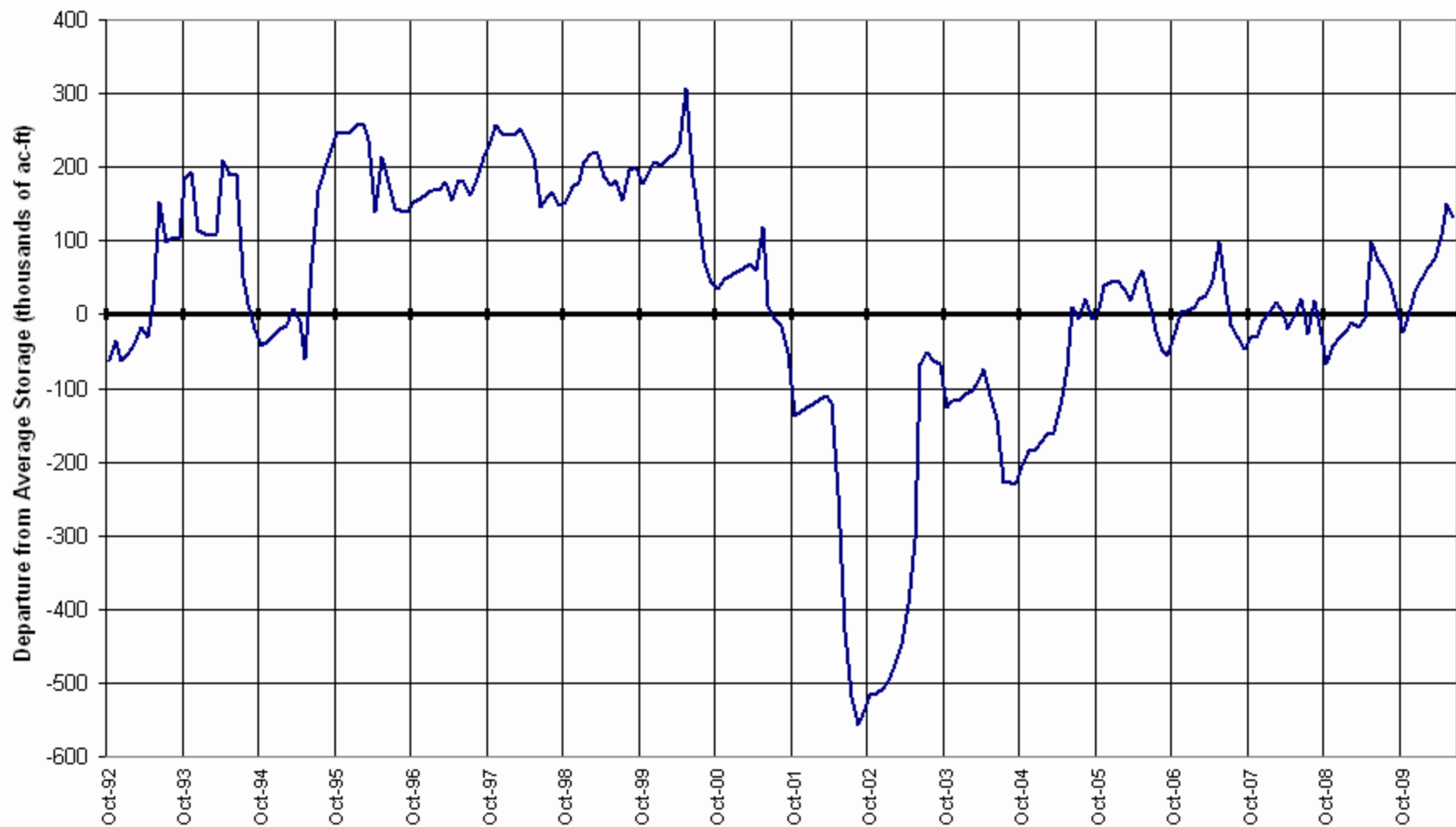


*Provisional Data  
Subject to Revision*

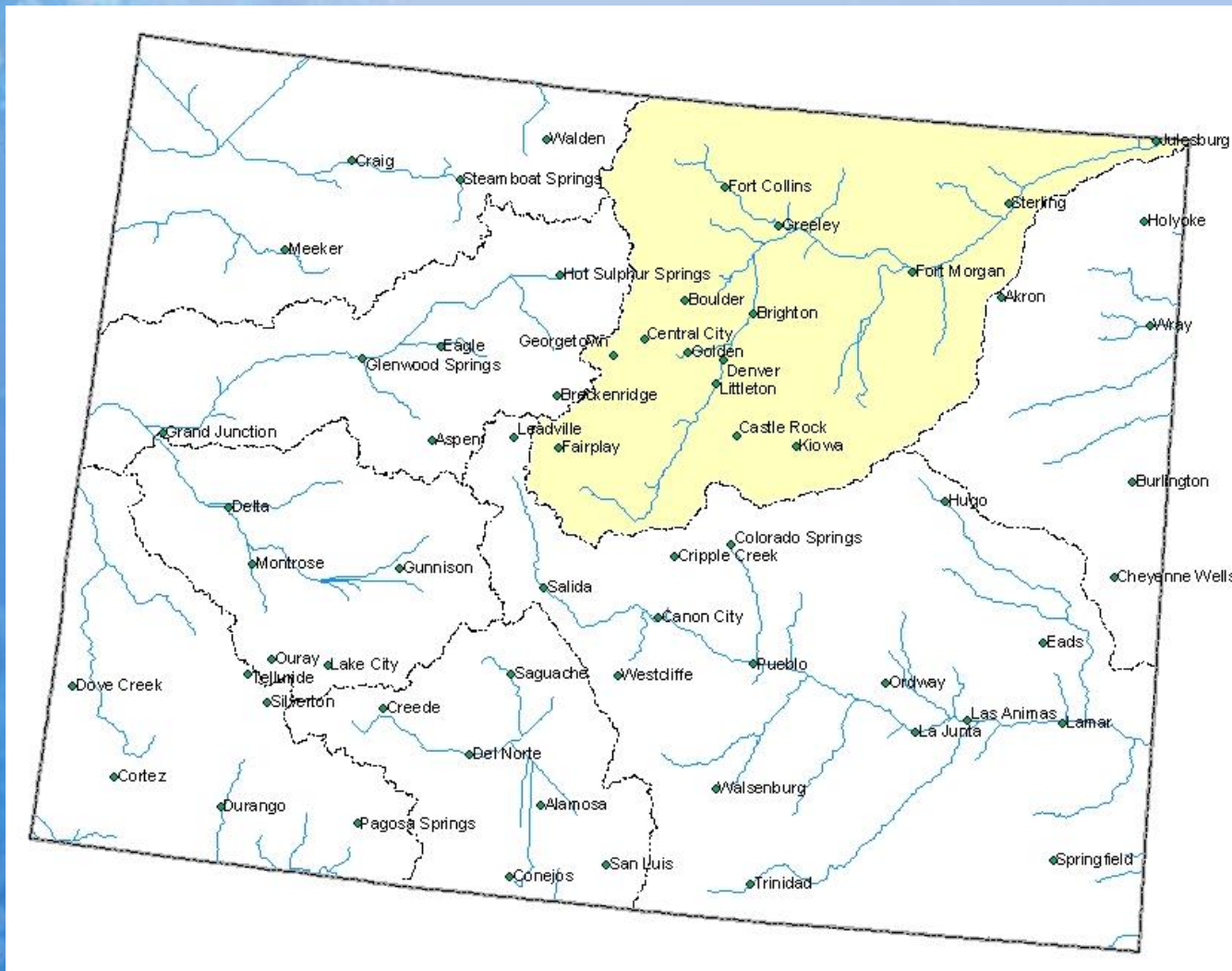


End of June 2010

COLORADO RIVER BASIN  
Reservoir Storage  
Departure from Average



# South Platte River Basin Summary



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

*Based on Provisional SNOTEL data as of Jul 19, 2010*

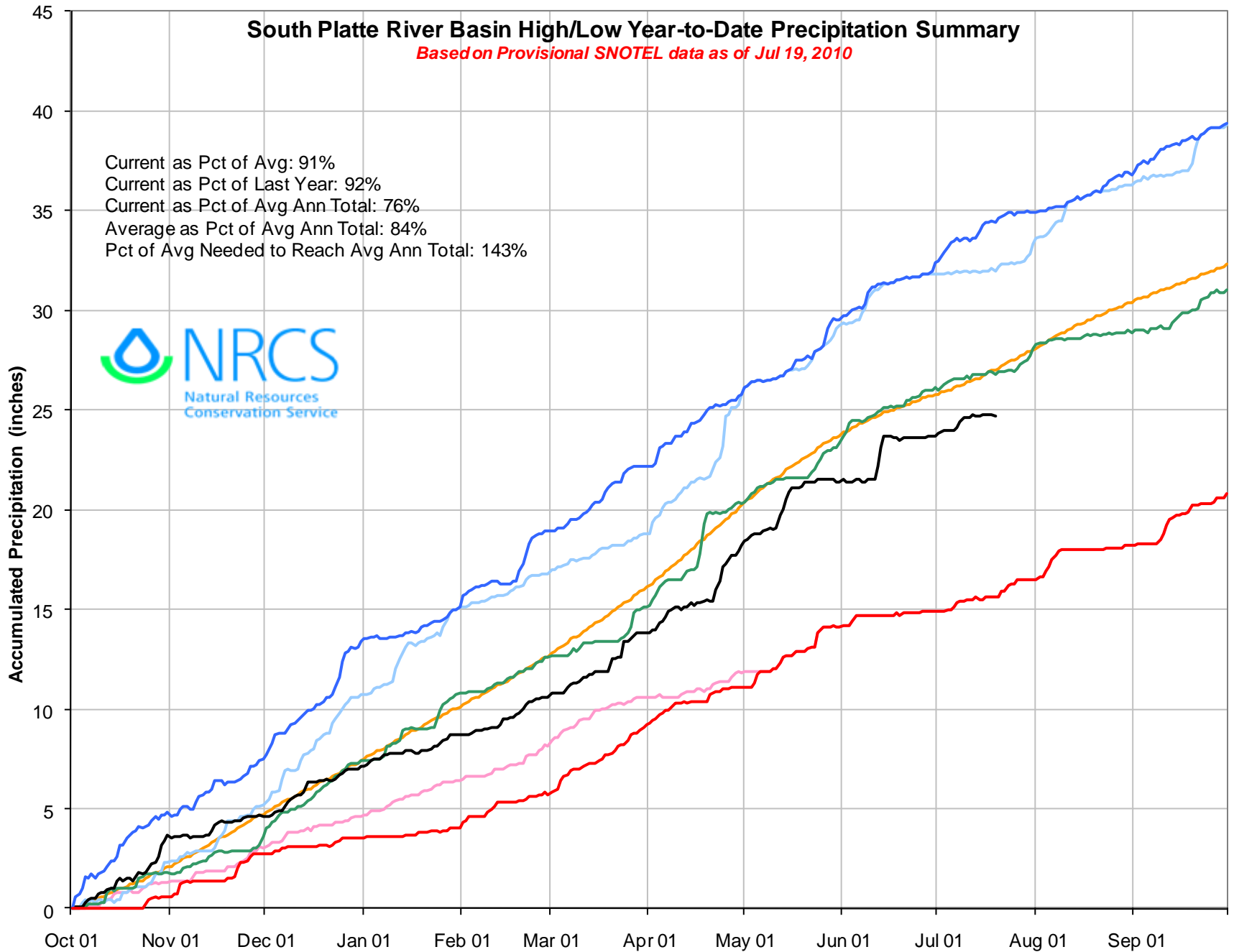
Current as Pct of Avg: 91%  
Current as Pct of Last Year: 92%  
Current as Pct of Avg Ann Total: 76%  
Average as Pct of Avg Ann Total: 84%  
Pct of Avg Needed to Reach Avg Ann Total: 143%



Accumulated Precipitation (inches)

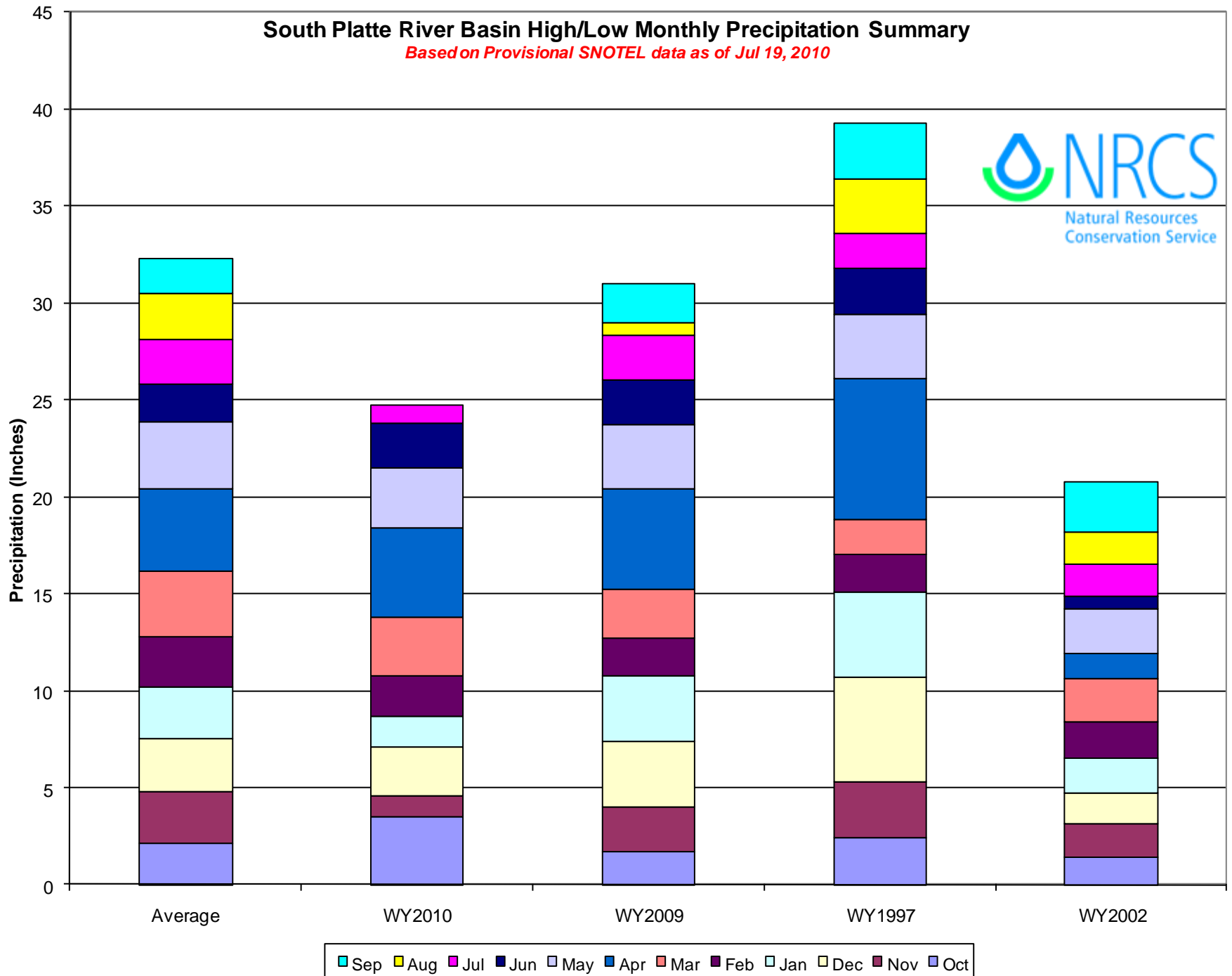
Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01

Average WY2002 WY1997 WY2009 WY2010 Maximum Minimum



# South Platte River Basin High/Low Monthly Precipitation Summary

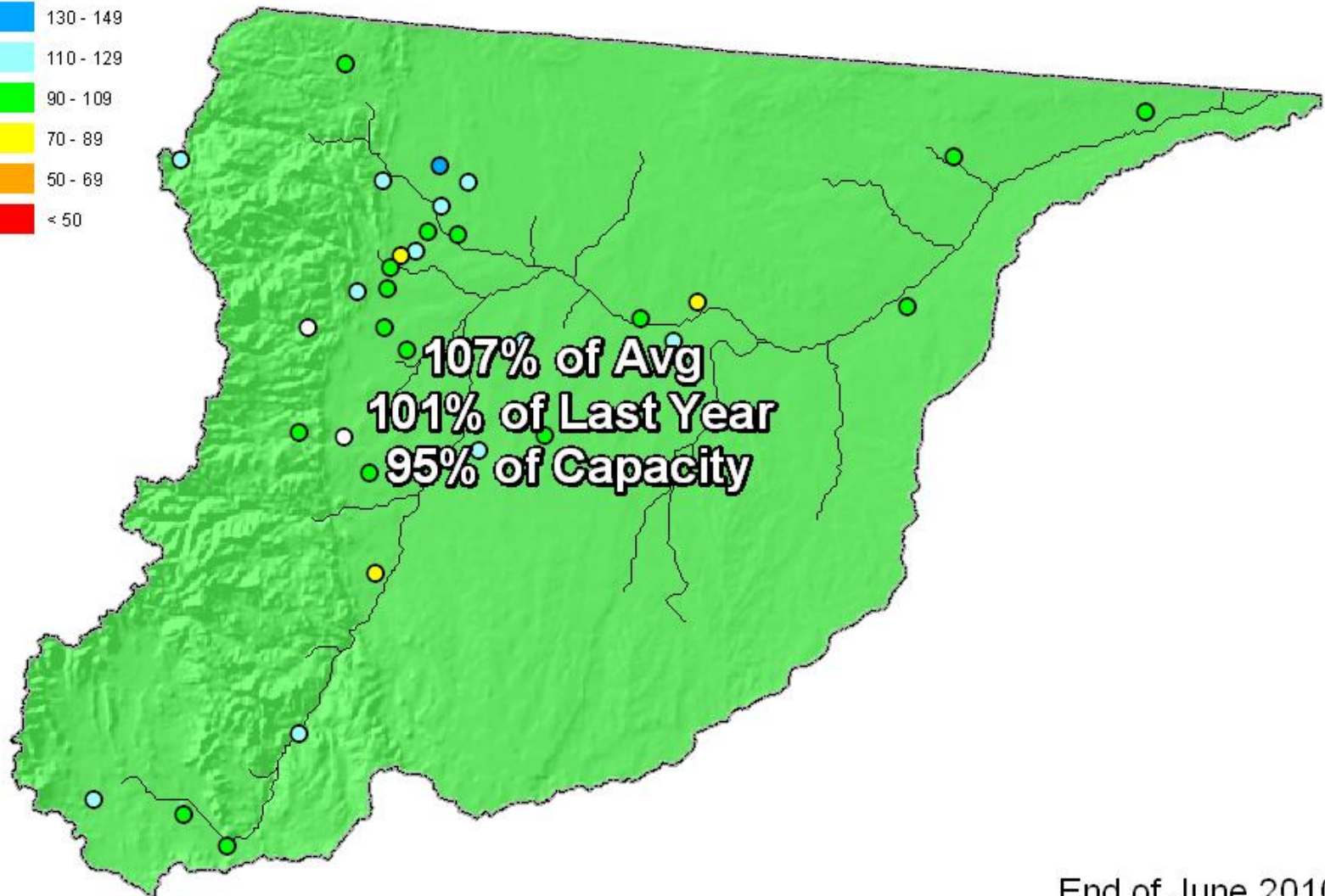
*Based on Provisional SNOTEL data as of Jul 19, 2010*



# South Platte River Basin Reservoir Storage Map

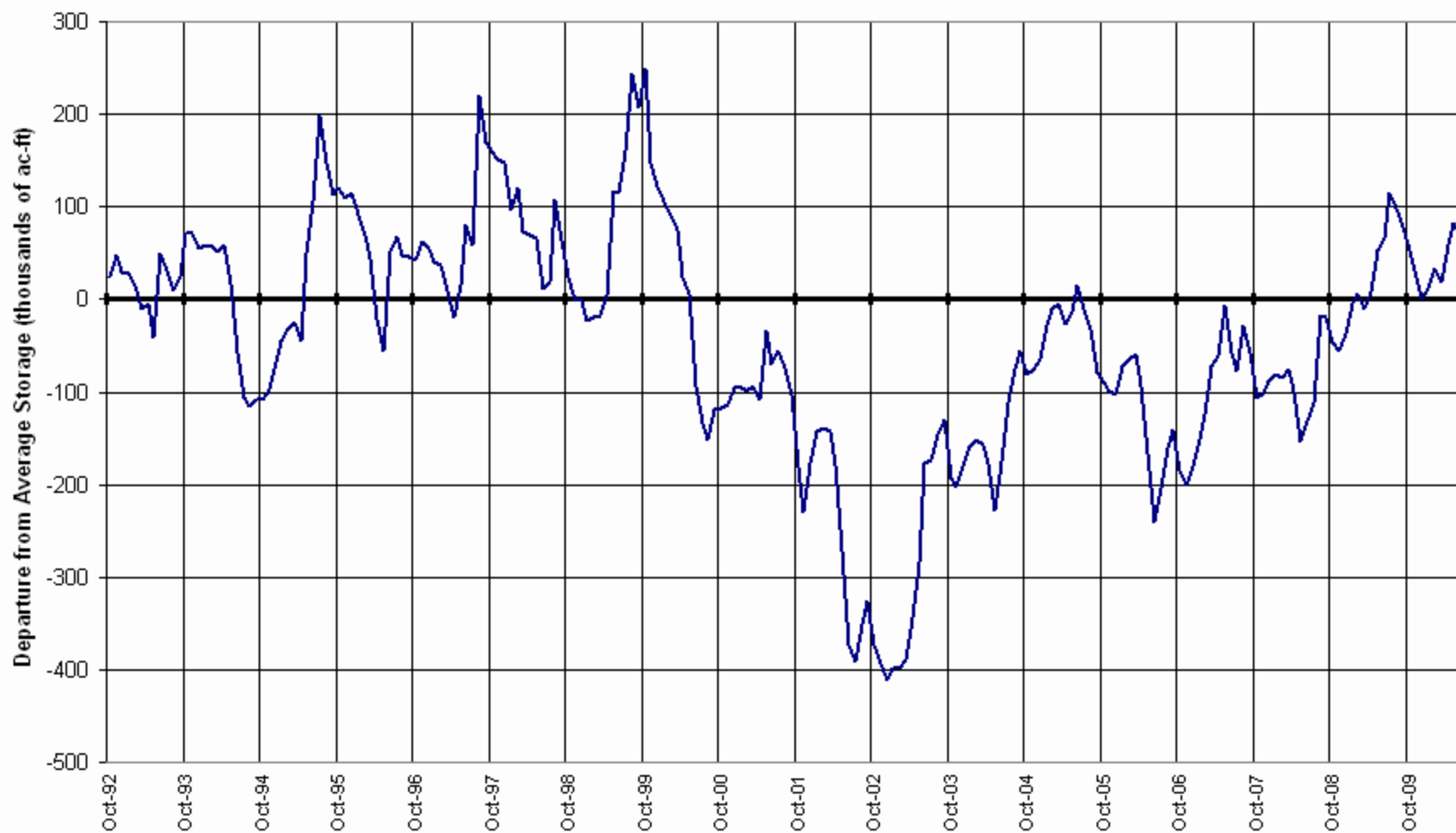
Percent of Average

*Provisional Data  
Subject to Revision*

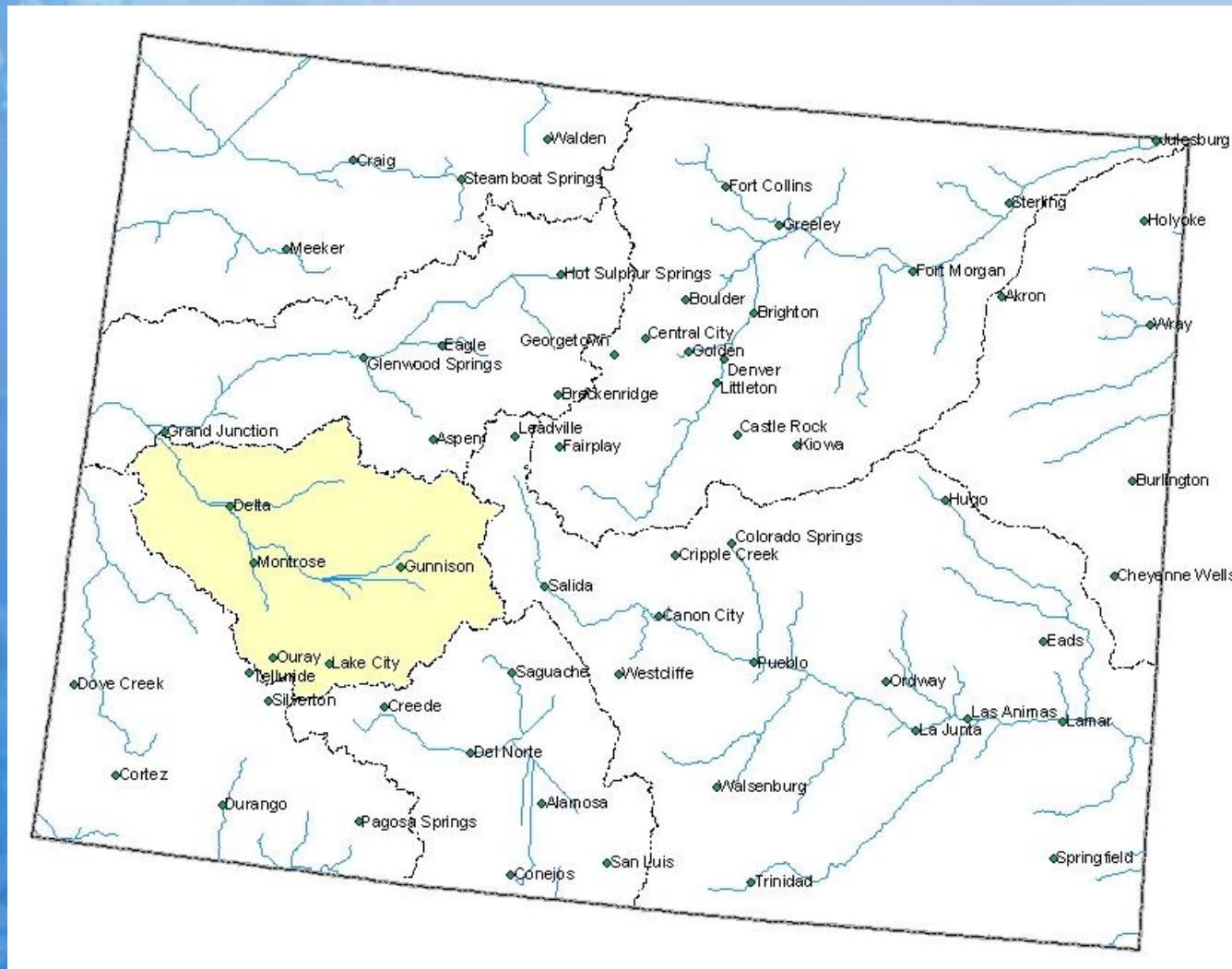


End of June 2010

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



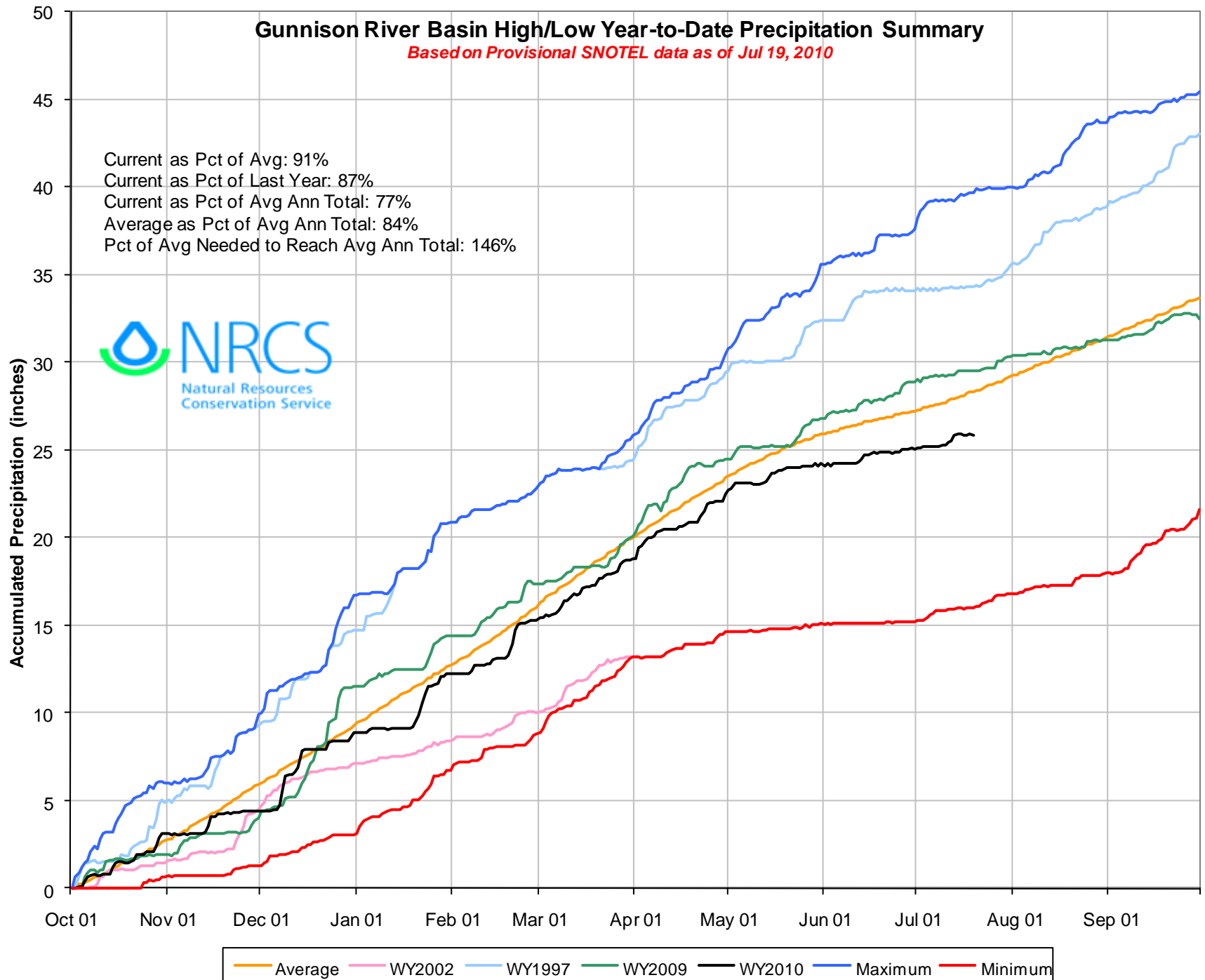
# Gunnison River Basin Summary



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

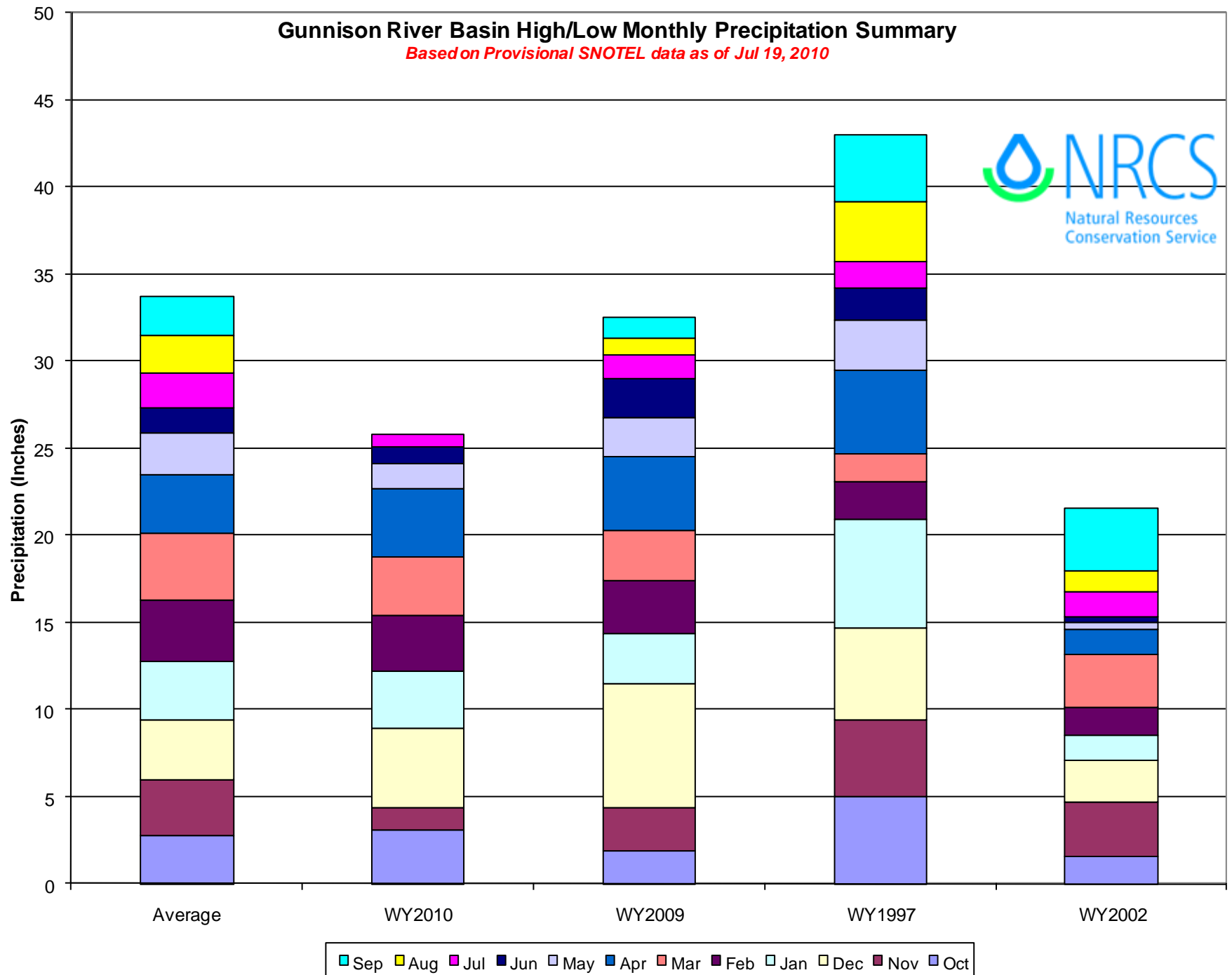
*Based on Provisional SNOTEL data as of Jul 19, 2010*

Current as Pct of Avg: 91%  
Current as Pct of Last Year: 87%  
Current as Pct of Avg Ann Total: 77%  
Average as Pct of Avg Ann Total: 84%  
Pct of Avg Needed to Reach Avg Ann Total: 146%



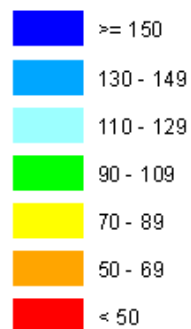
# Gunnison River Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 19, 2010*

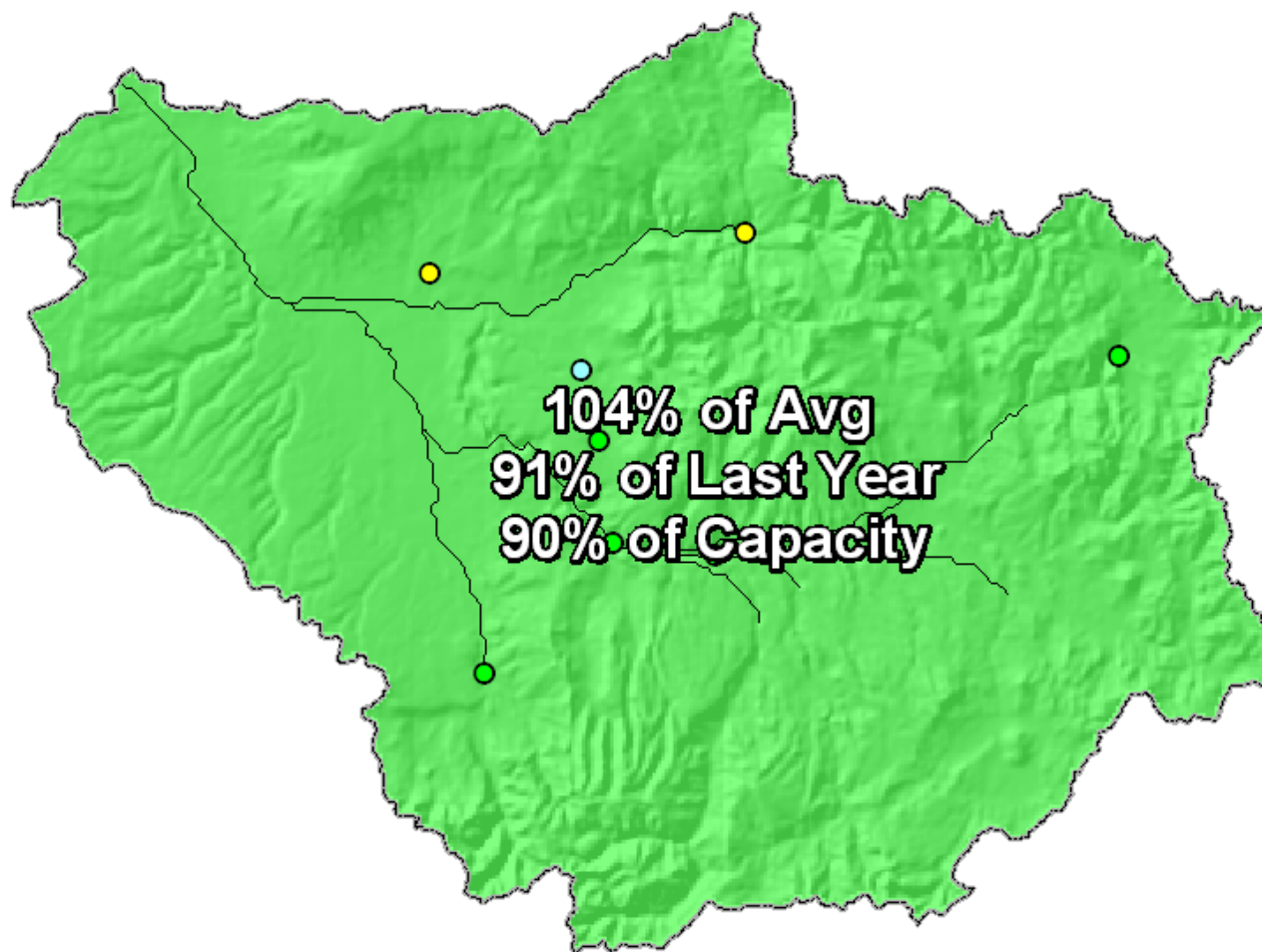


# Gunnison River Basin Reservoir Storage Map

## Percent of Average

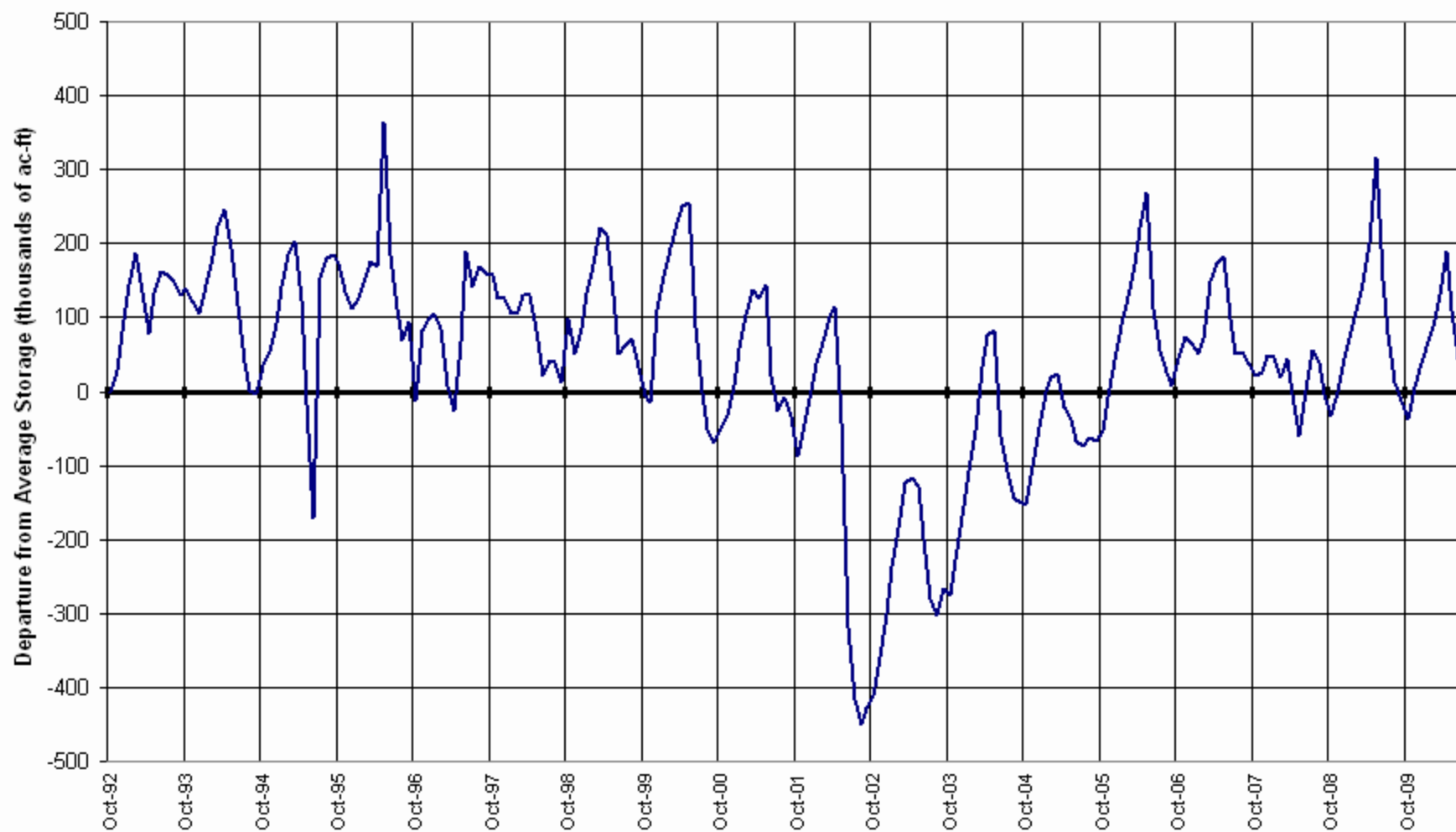


*Provisional Data  
Subject to Revision*

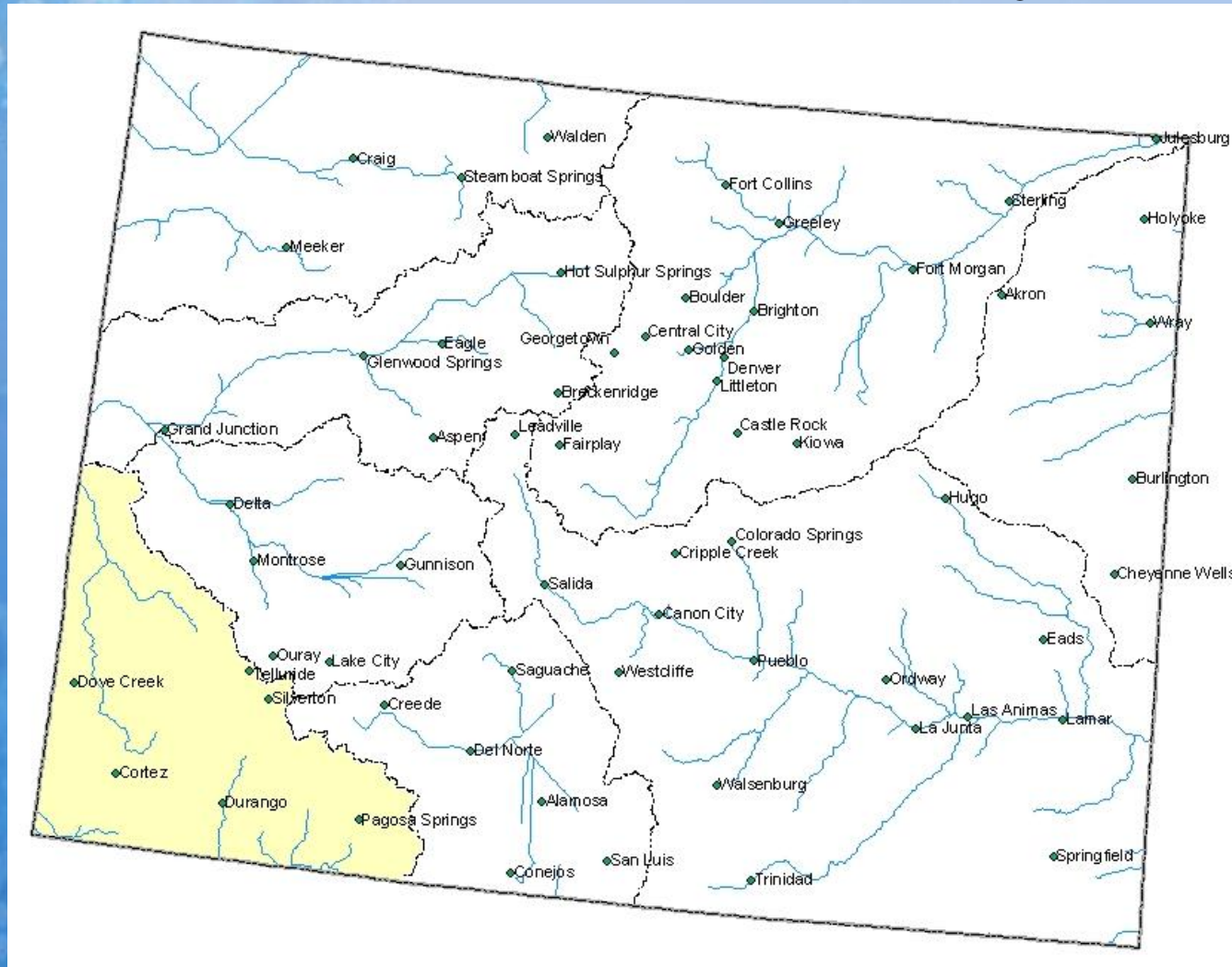


End of June 2010

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



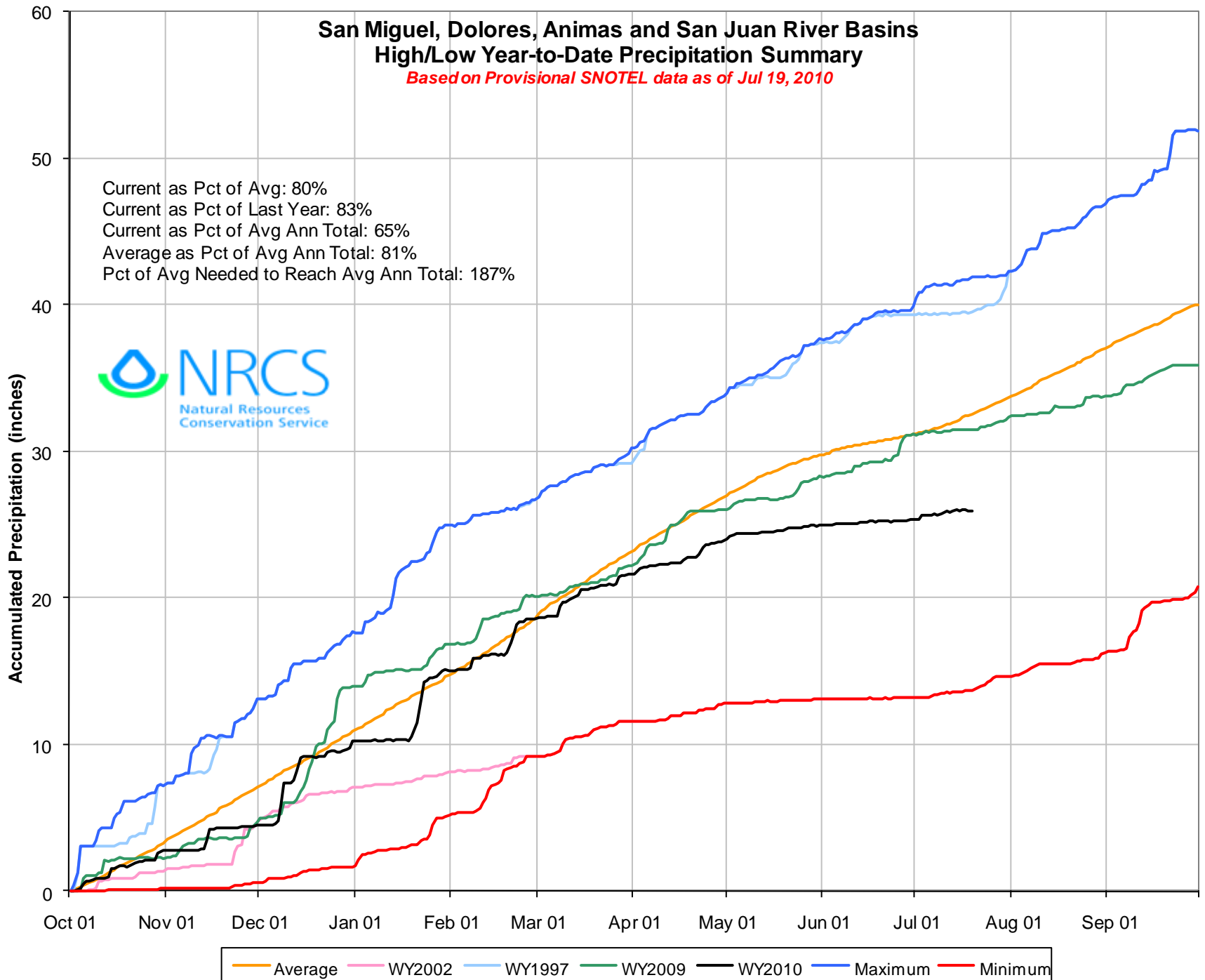
# San Miguel, Dolores, Animas & San Juan River Basins Summary



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

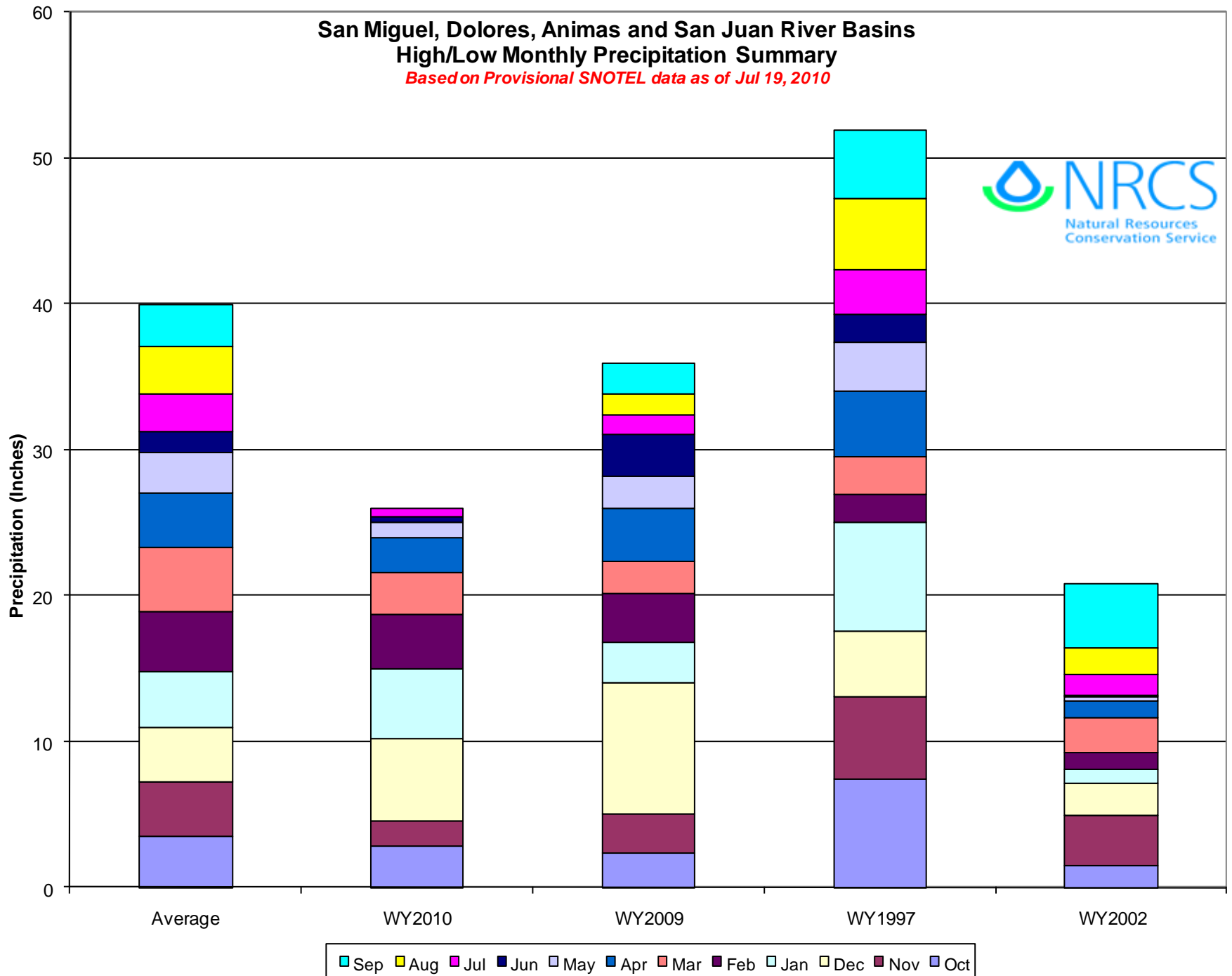
*Based on Provisional SNOTEL data as of Jul 19, 2010*

Current as Pct of Avg: 80%  
Current as Pct of Last Year: 83%  
Current as Pct of Avg Ann Total: 65%  
Average as Pct of Avg Ann Total: 81%  
Pct of Avg Needed to Reach Avg Ann Total: 187%



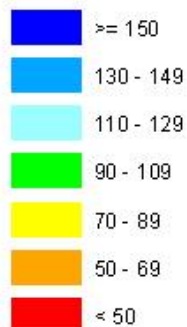
# San Miguel, Dolores, Animas and San Juan River Basins High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 19, 2010*

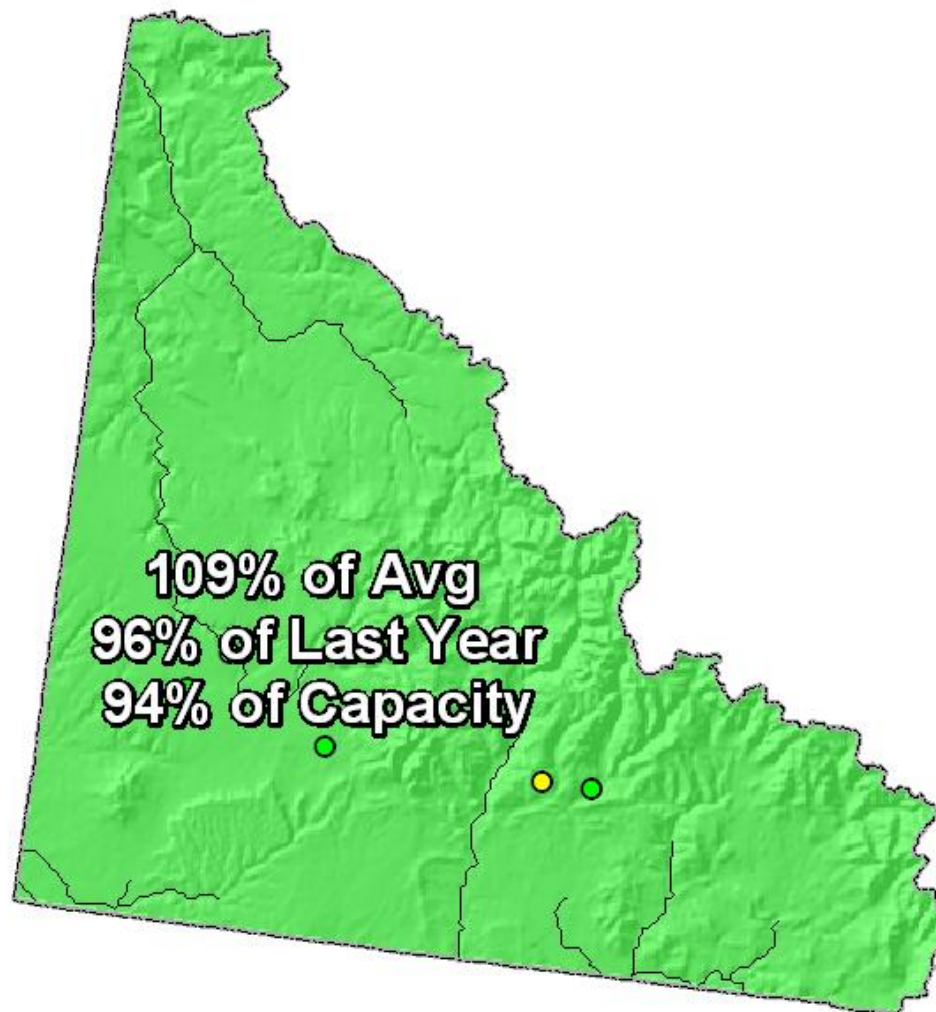


# San Miguel, Dolores, Animas and San Juan River Basins Reservoir Storage Map

Percent of Average



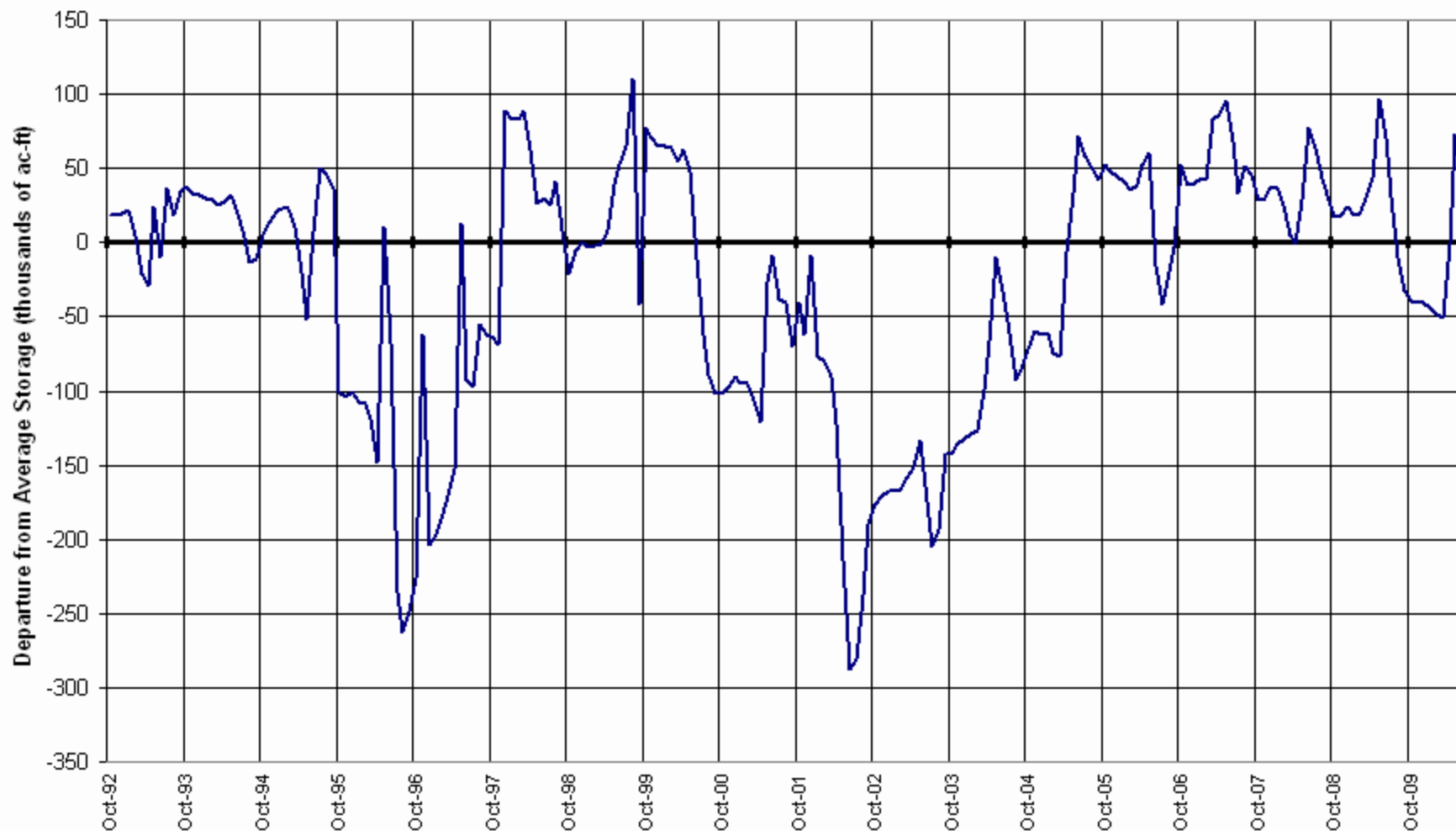
*Provisional Data  
Subject to Revision*



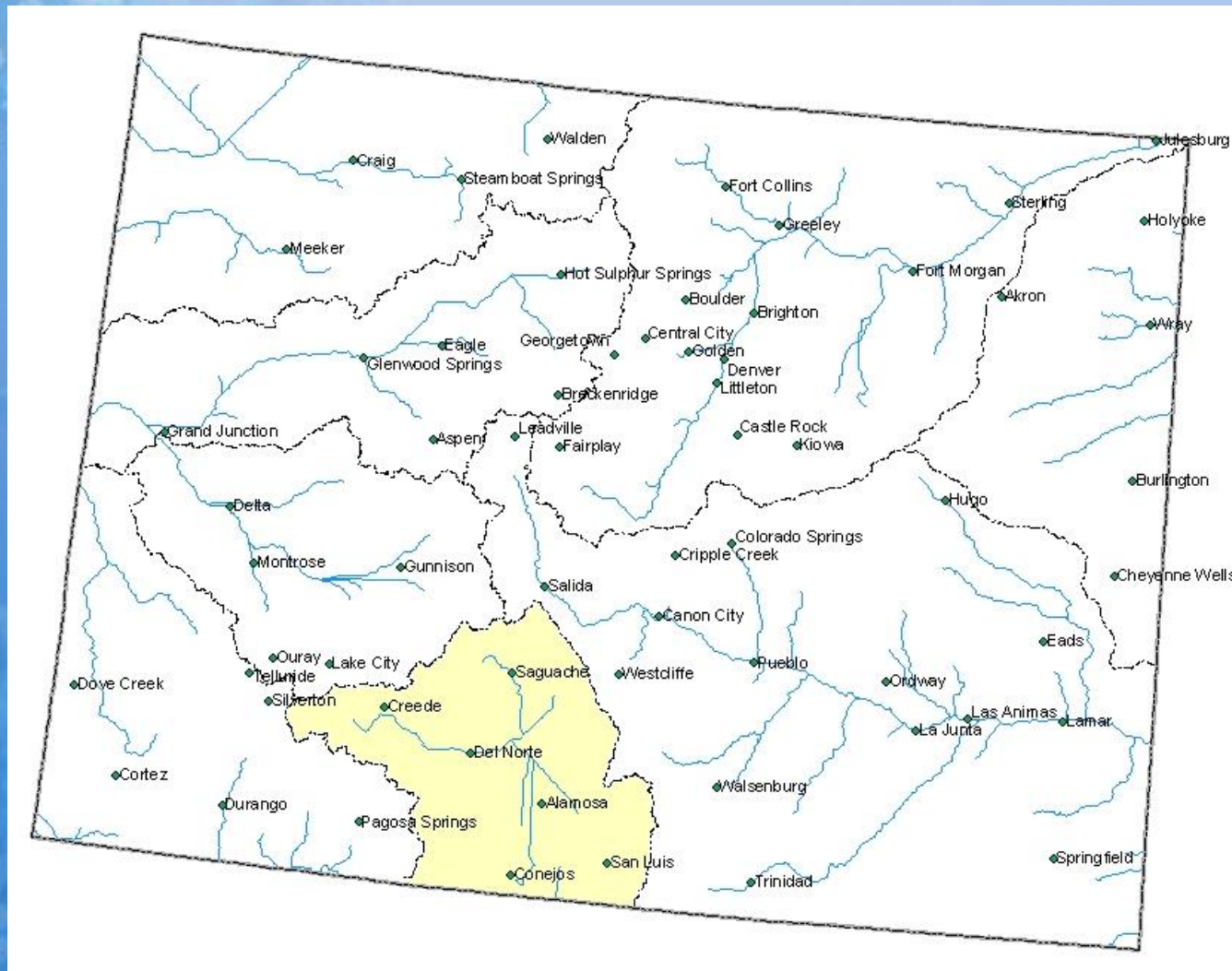
End of June 2010

# SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS

## Reservoir Storage Departure from Average



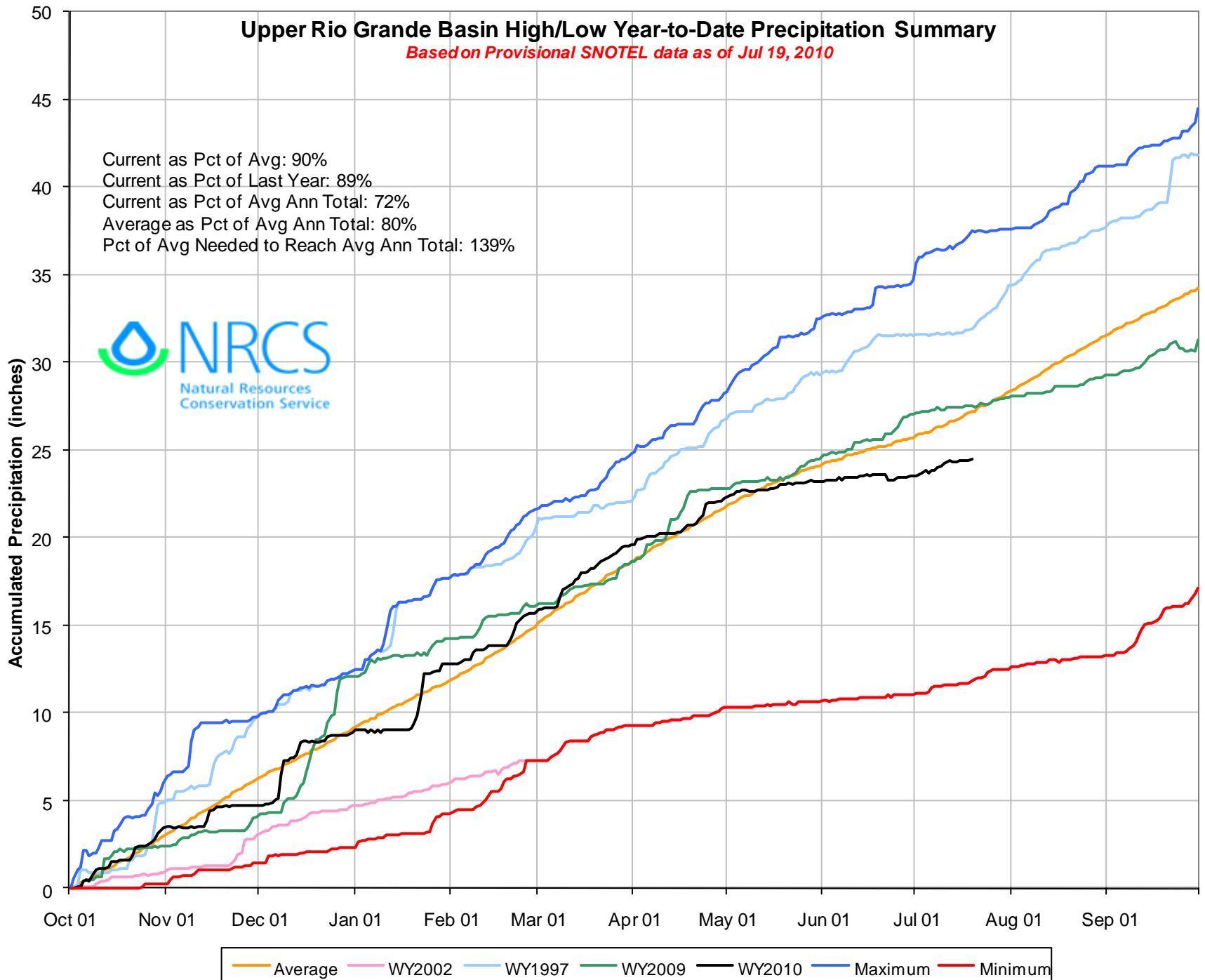
# Upper Rio Grande Basin Summary



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

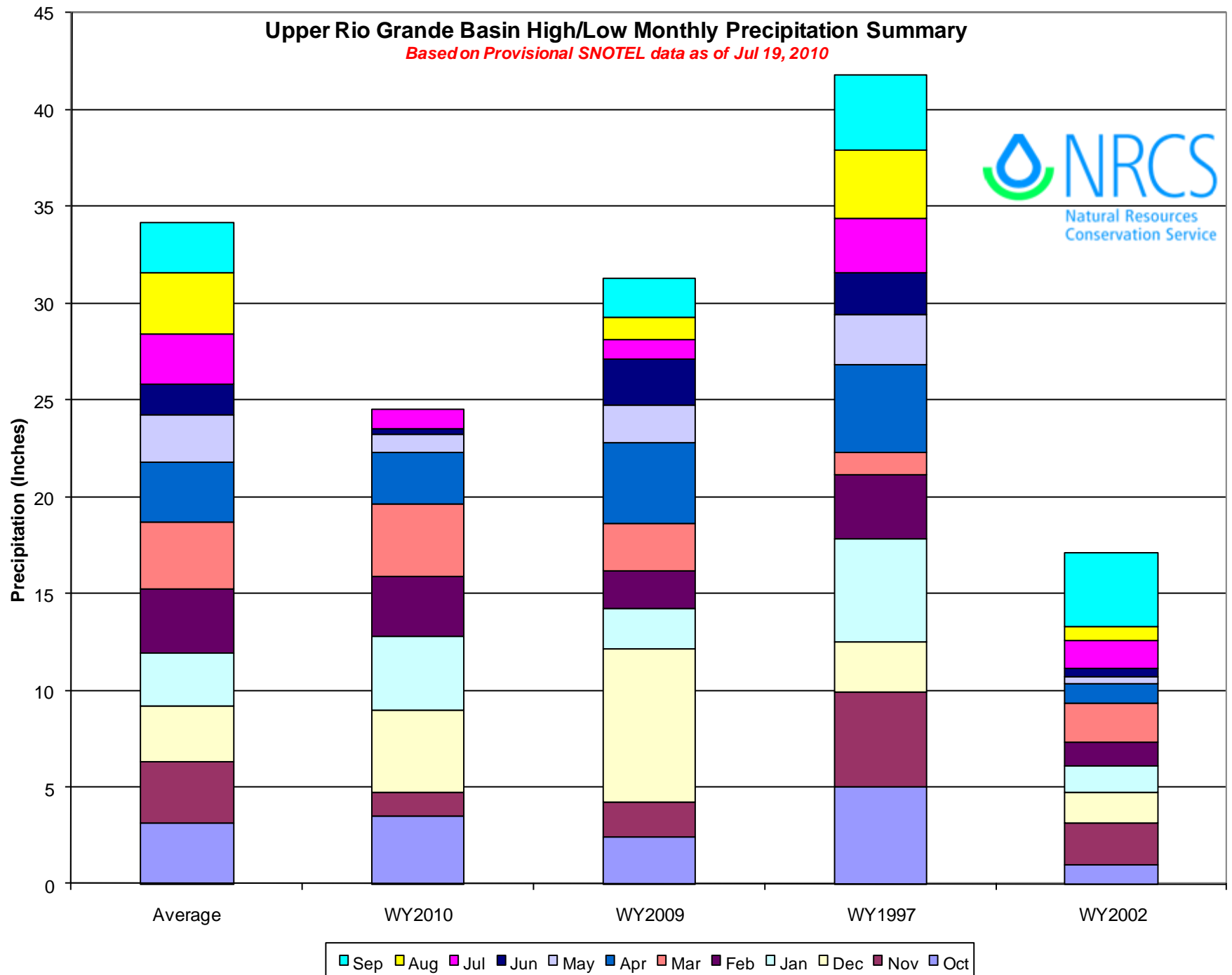
*Based on Provisional SNOTEL data as of Jul 19, 2010*

Current as Pct of Avg: 90%  
Current as Pct of Last Year: 89%  
Current as Pct of Avg Ann Total: 72%  
Average as Pct of Avg Ann Total: 80%  
Pct of Avg Needed to Reach Avg Ann Total: 139%



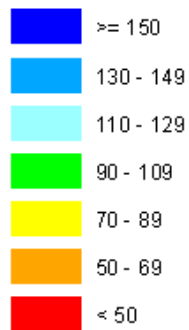
# Upper Rio Grande Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 19, 2010*

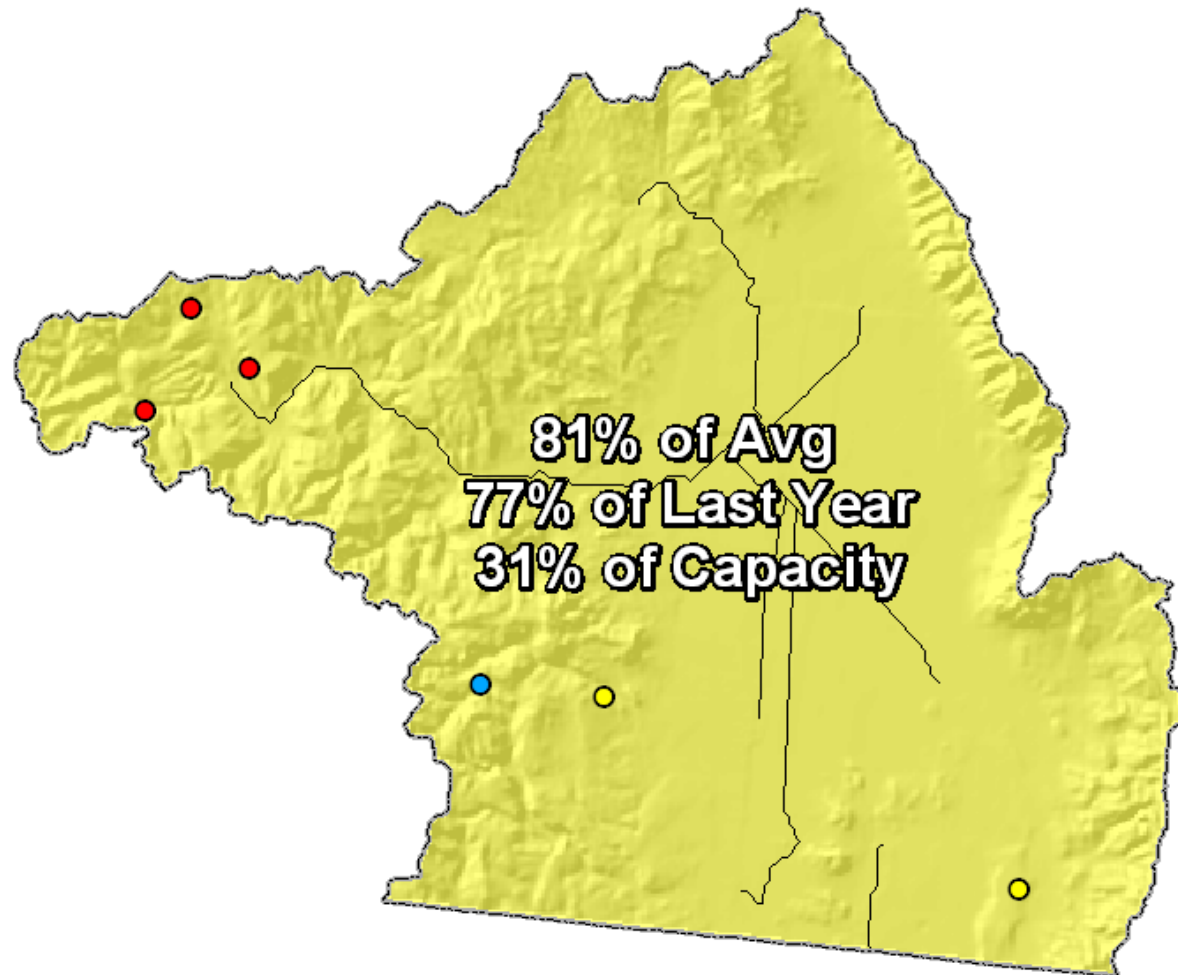


# Upper Rio Grande Basin Reservoir Storage Map

## Percent of Average

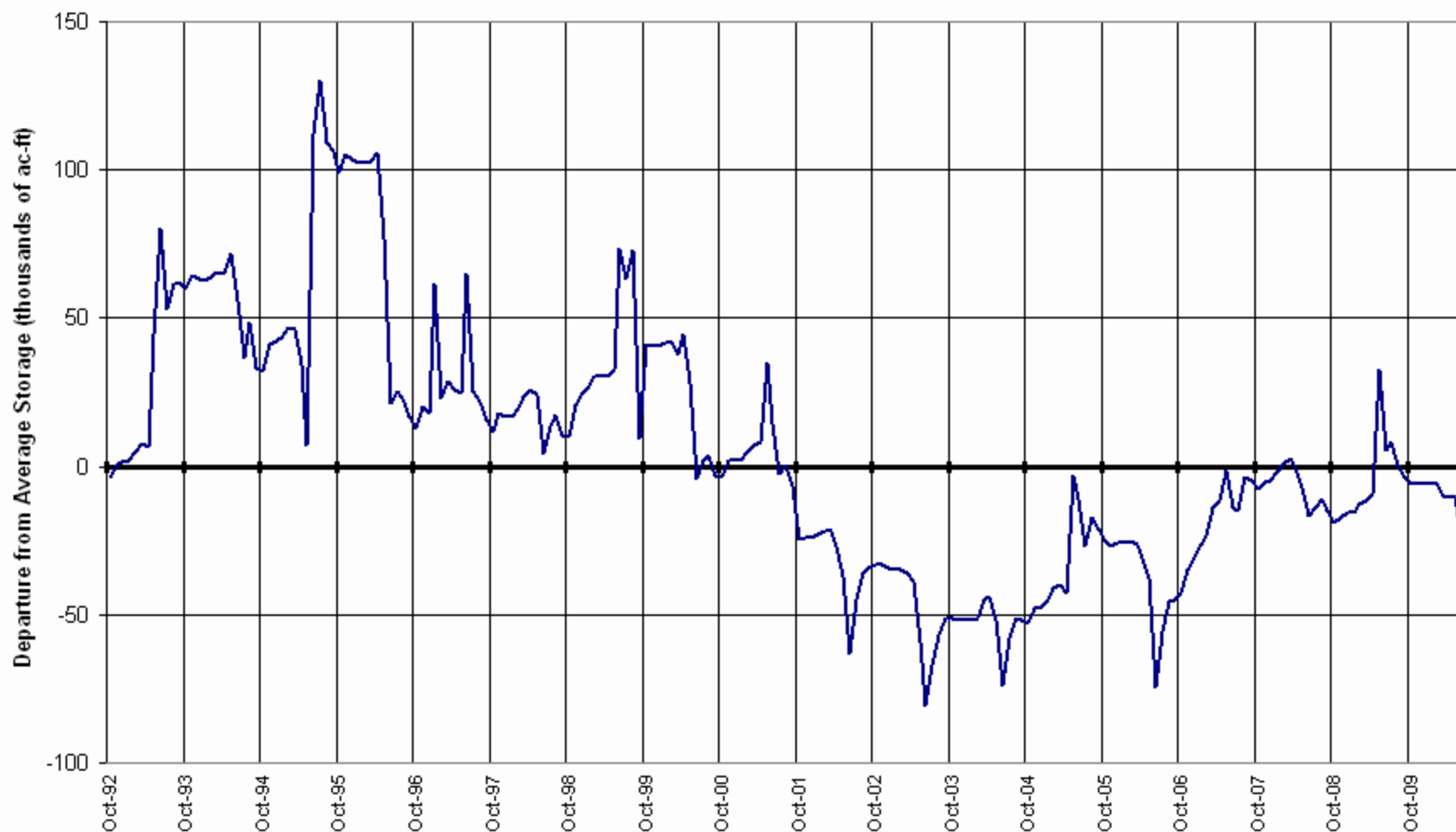


*Provisional Data  
Subject to Revision*

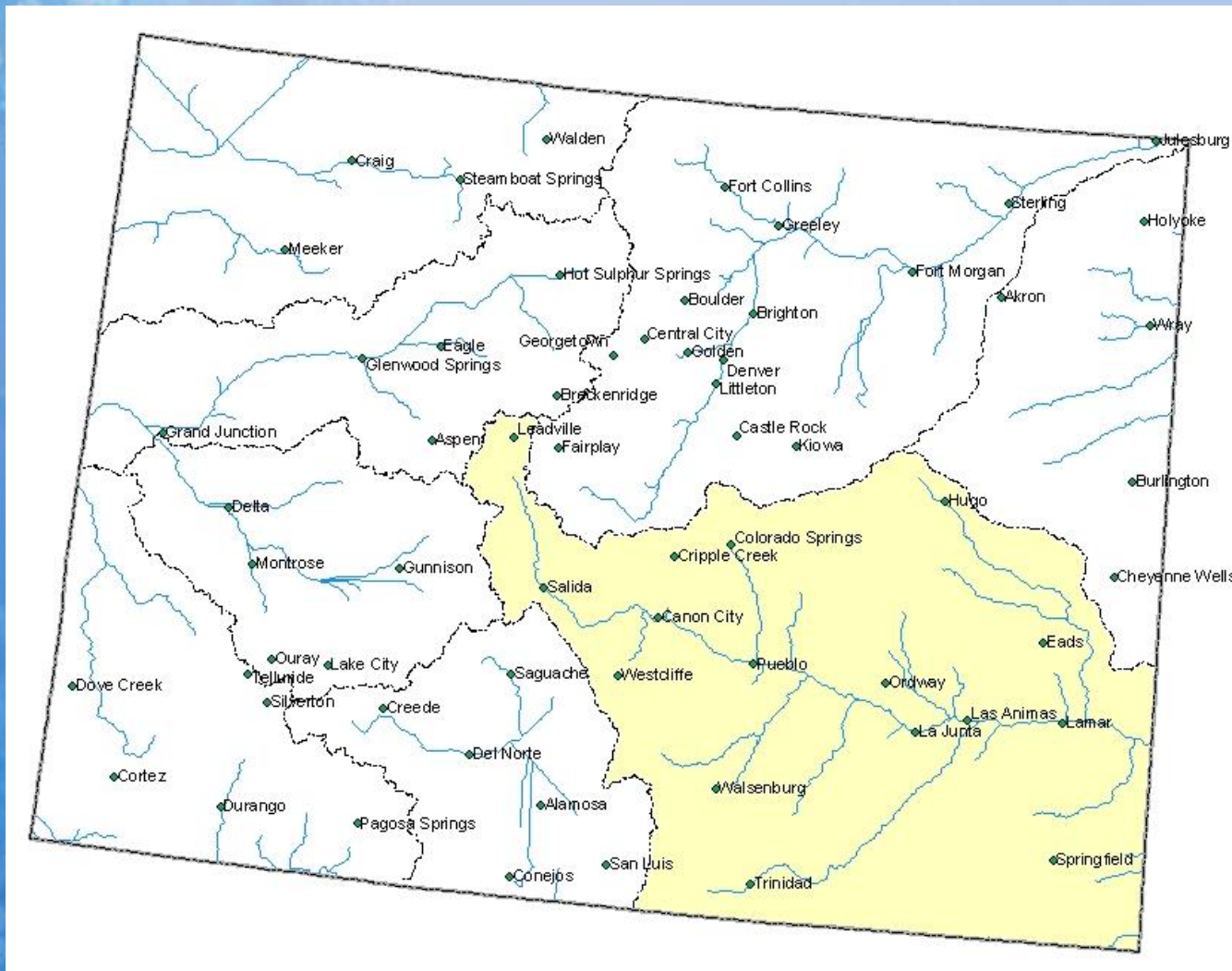


End of June 2010

UPPER RIO GRANDE BASIN  
Reservoir Storage  
Departure from Average



# Arkansas River Basin Summary



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

*Based on Provisional SNOTEL data as of Jul 19, 2010*

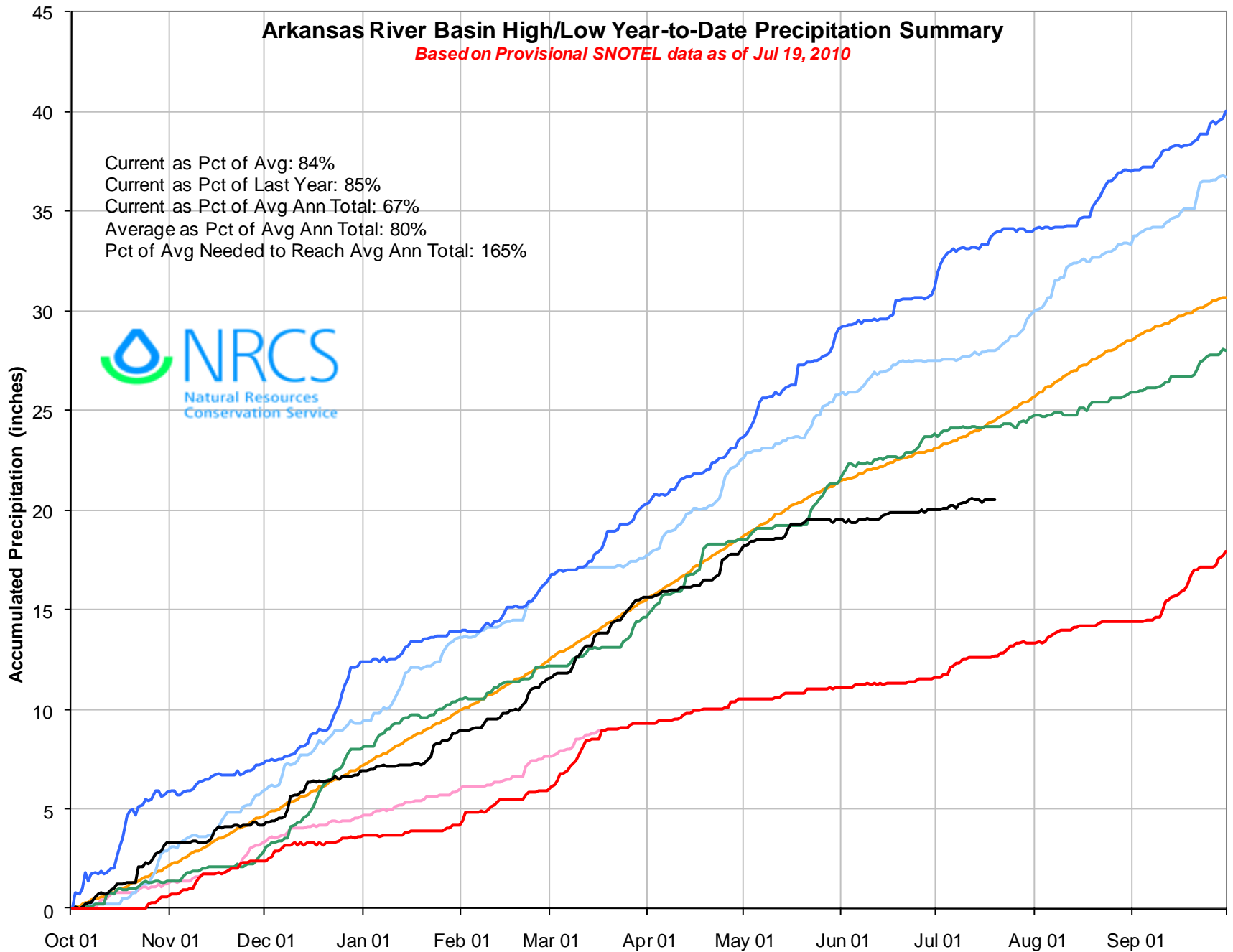
Current as Pct of Avg: 84%  
Current as Pct of Last Year: 85%  
Current as Pct of Avg Ann Total: 67%  
Average as Pct of Avg Ann Total: 80%  
Pct of Avg Needed to Reach Avg Ann Total: 165%



Accumulated Precipitation (inches)

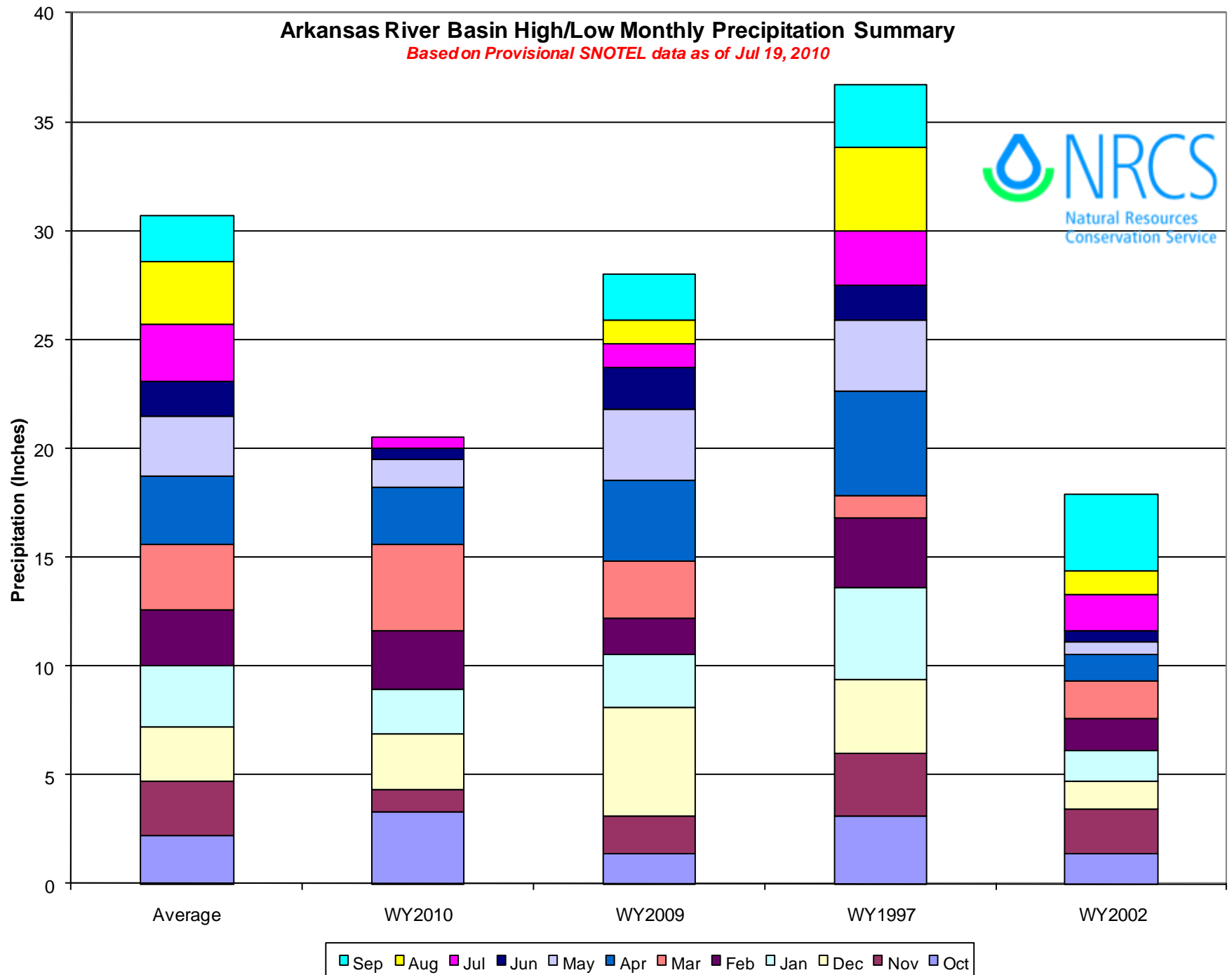
Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01

Average WY2002 WY1997 WY2009 WY2010 Maximum Minimum



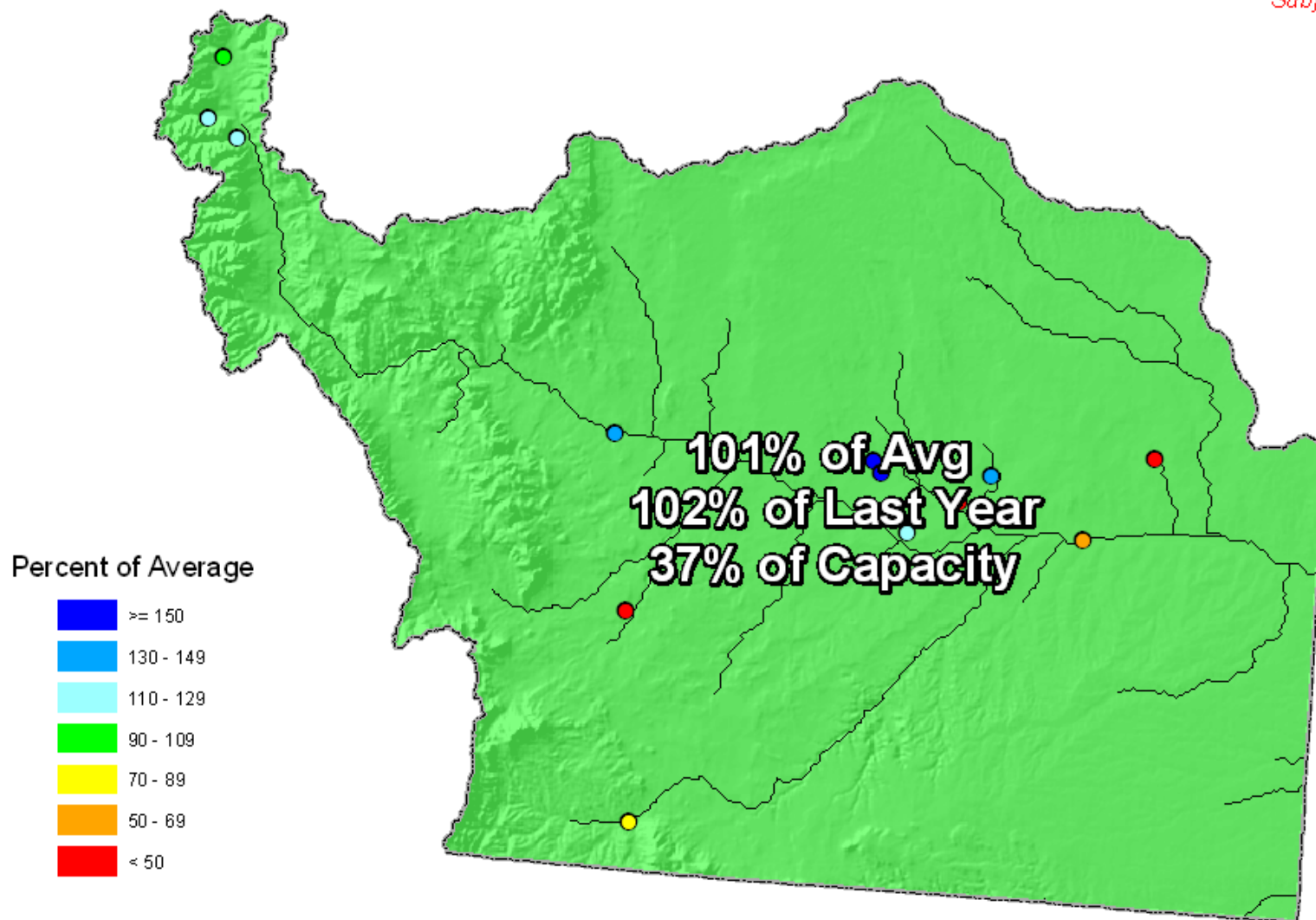
# Arkansas River Basin High/Low Monthly Precipitation Summary

*Based on Provisional SNOTEL data as of Jul 19, 2010*



# Arkansas River Basin Reservoir Storage Map

*Provisional Data  
Subject to Revision*

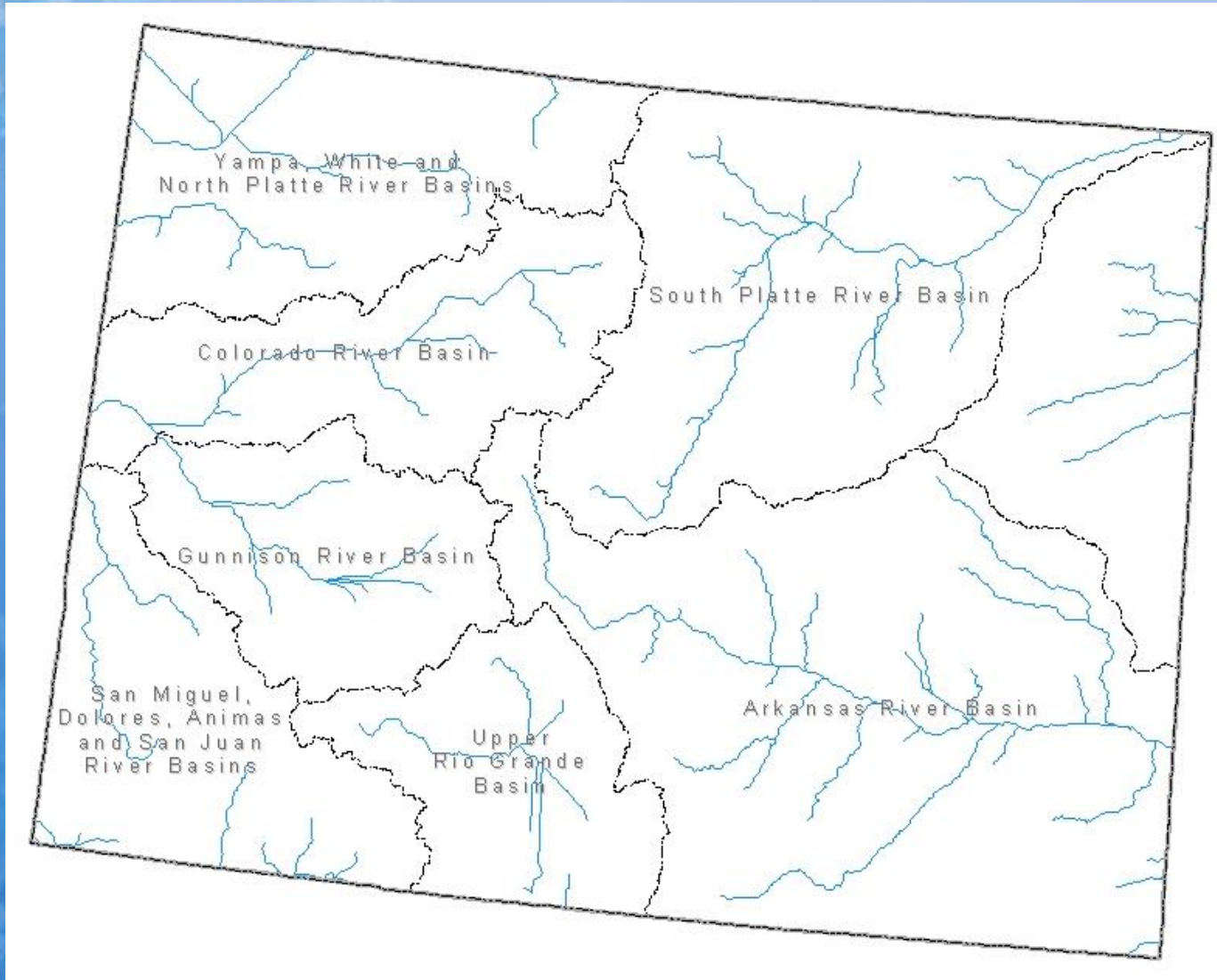


End of June 2010

ARKANSAS RIVER BASIN  
Reservoir Storage  
Departure from Average

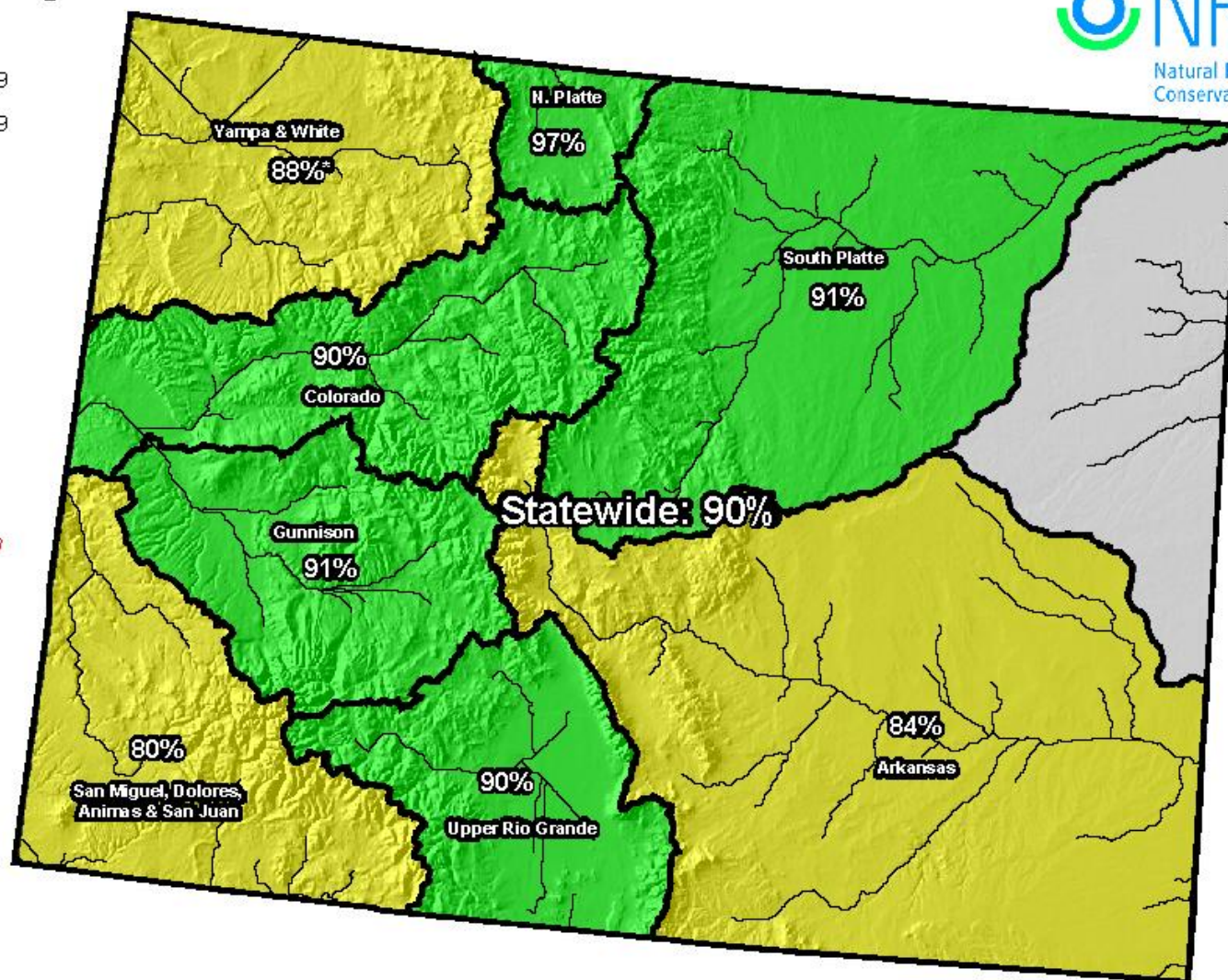


# Colorado Statewide Summary



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

Percent of Average



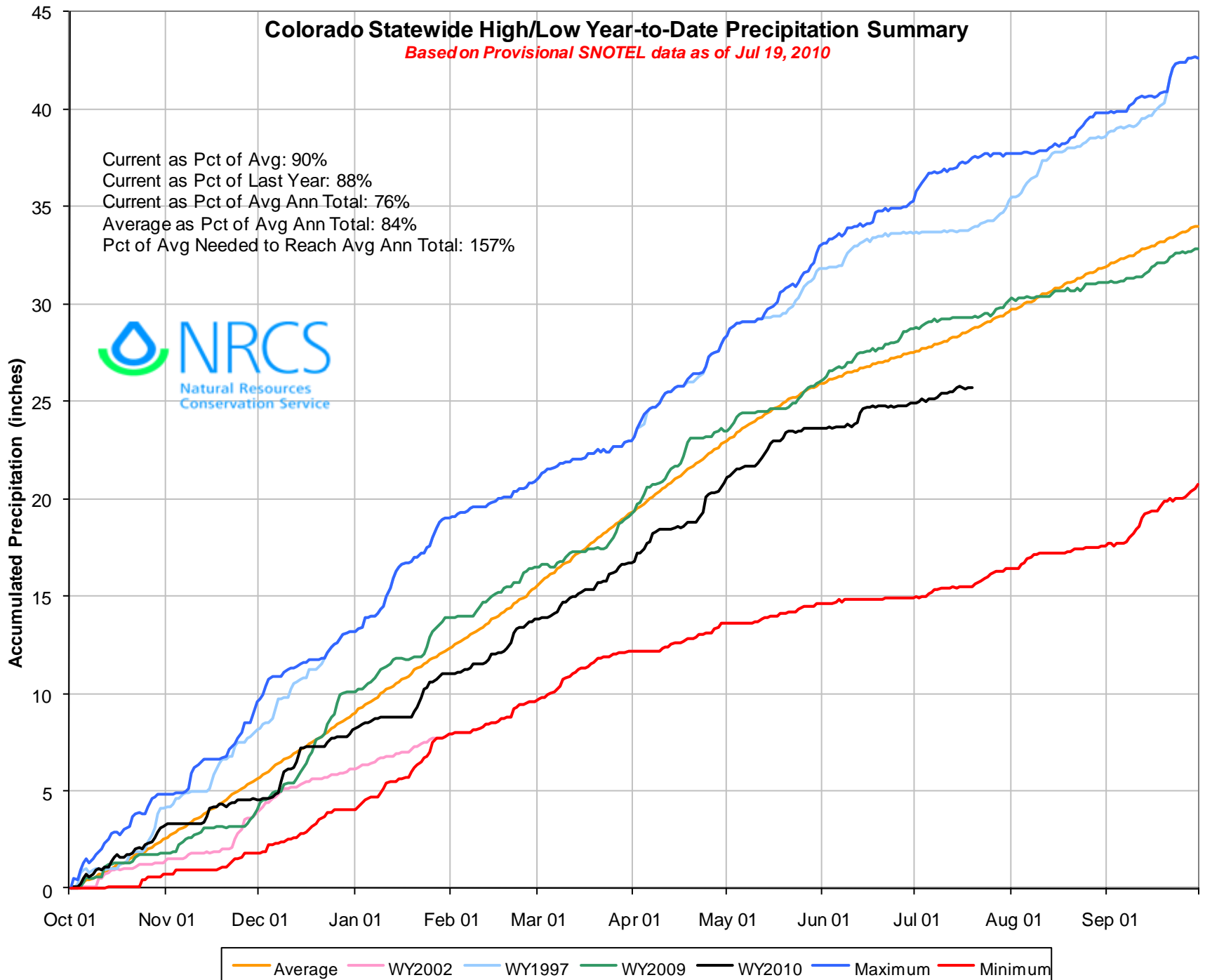
*Provisional Data  
Subject to Revision*

Current as of Jul 19, 2010

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

*Based on Provisional SNOTEL data as of Jul 19, 2010*

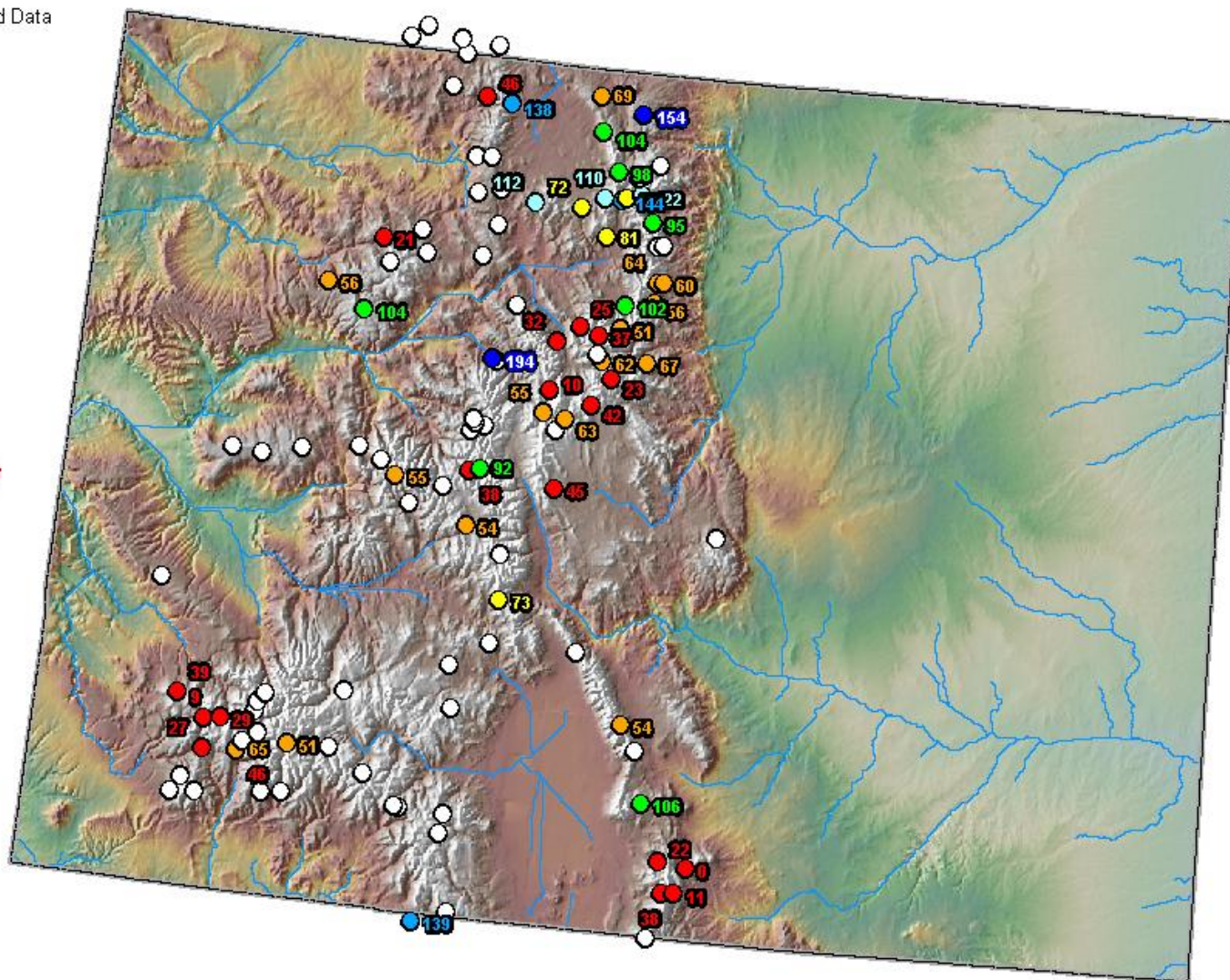
Current as Pct of Avg: 90%  
Current as Pct of Last Year: 88%  
Current as Pct of Avg Ann Total: 76%  
Average as Pct of Avg Ann Total: 84%  
Pct of Avg Needed to Reach Avg Ann Total: 157%



## Colorado SNOTEL Month-to-Date Precipitation

### Percent of Average

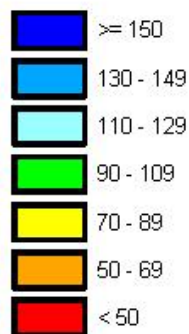
- Missing or Invalid Data  
 ● < 50  
 ● 50 - 69  
 ● 70 - 89  
 ● 90 - 109  
 ● 110 - 129  
 ● 130 - 149  
 ● ≥ 150

Provisional Data  
Subject to Revision

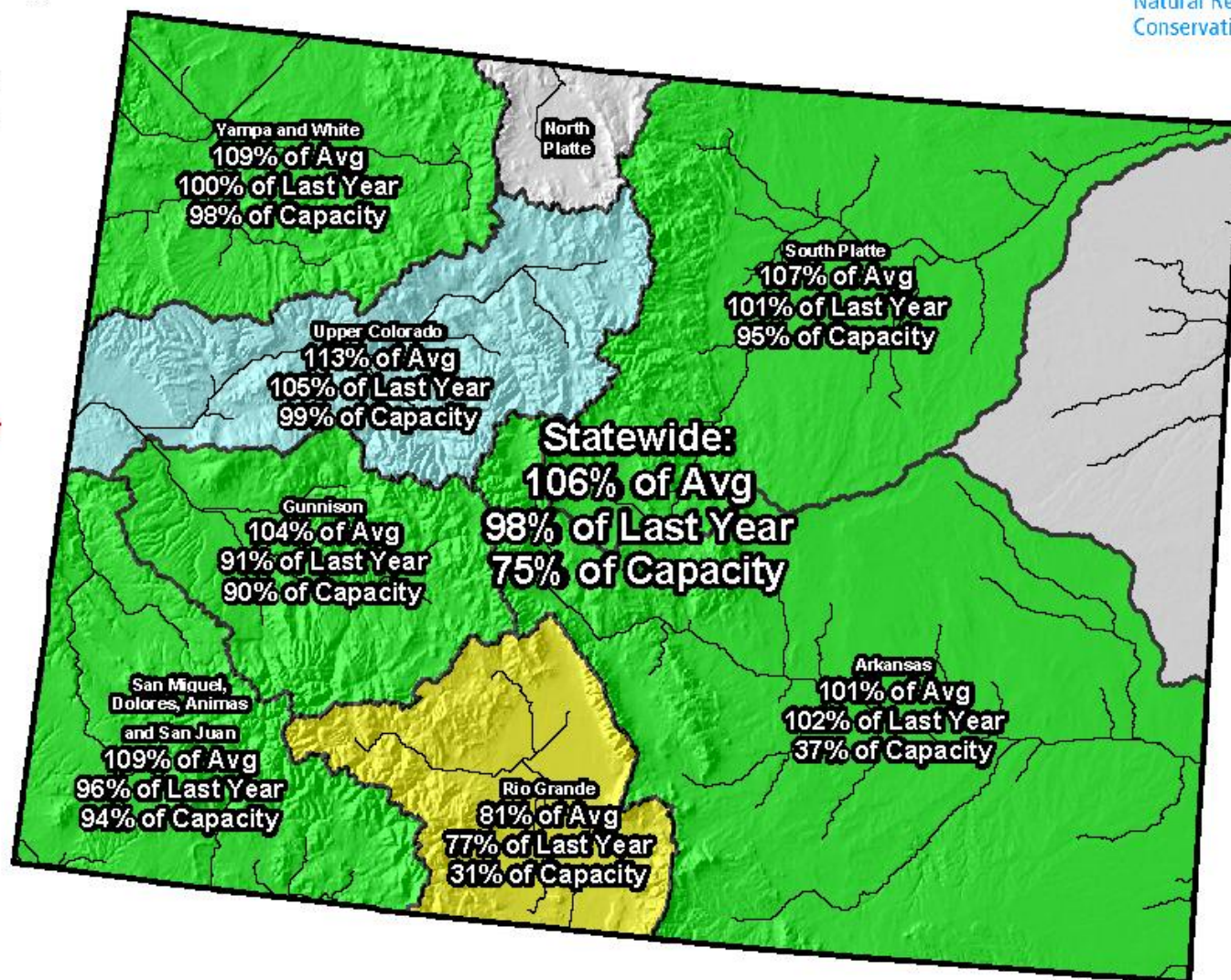
Current as of Jul 19, 2010

# Colorado Reservoir Storage Map

## Percent of Average



*Provisional Data  
Subject to Revision*



End of June 2010

COLORADO STATEWIDE  
Reservoir Storage  
Departure from Average

