NRCS – Snow Survey & Water Supply Forecasting

Mike Gillespie

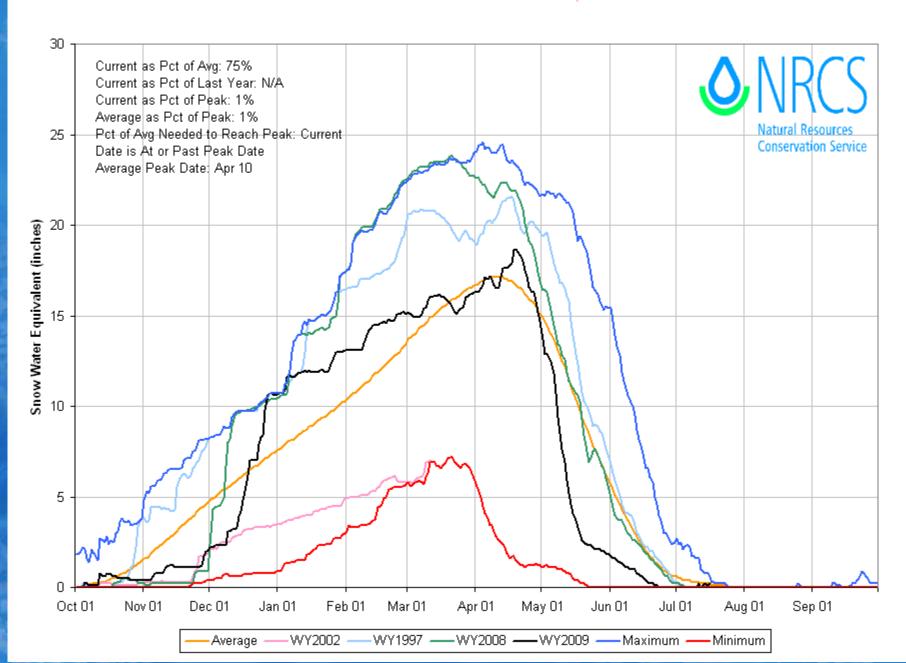
Water Availability Task Force and Meeting July 16, 2009

The 2009 Water Year

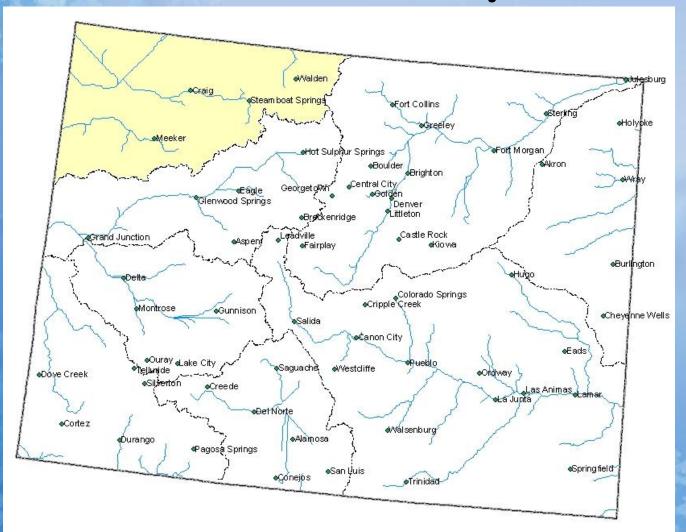
- October Near average precipitation during the first half of the month, followed by dry conditions during the second half. Below average snowpack accumulations during the month.
- November Below average precipitation statewide. Minimal gains in mountain snowpack.
- December Heavy snow storms in the southern mountains. Nearly a repeat of last year!!
- January A good start to the month, followed by a "January Thaw". Sizable snowpack increases at month's end.
- February Generally below average snowfall, especially across southern mountains.
- March Warm and dry statewide
- April Sprint to the Finish Line!!
- May How fast can snow melt?
- June How slow can snow melt?
- July Monlater???

Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of Jul 14, 2009

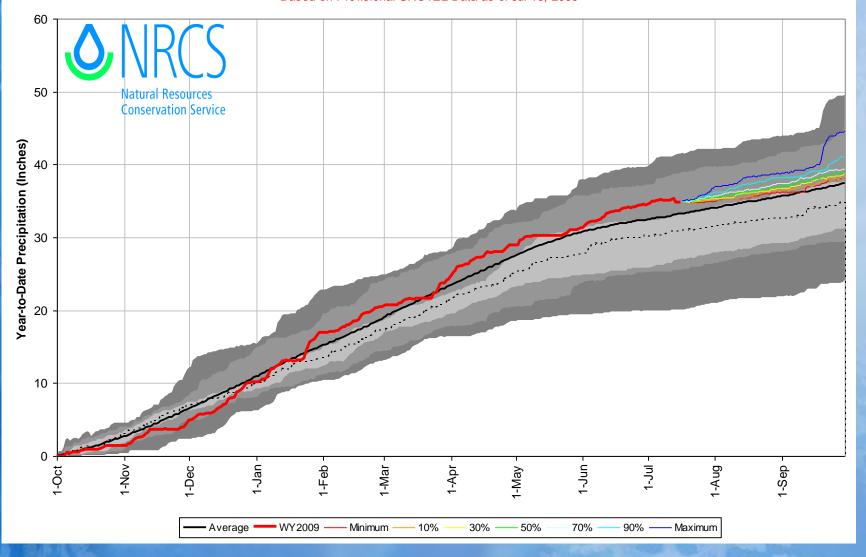


Yampa, White & North Platte River Basins Summary



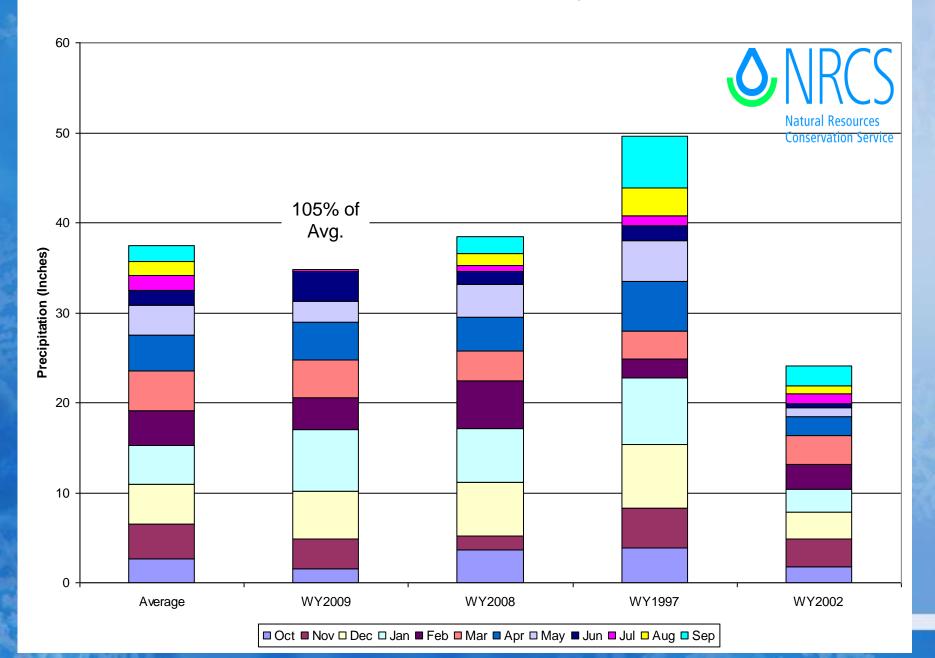
Yampa and White River Basins with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Jul 16, 2009



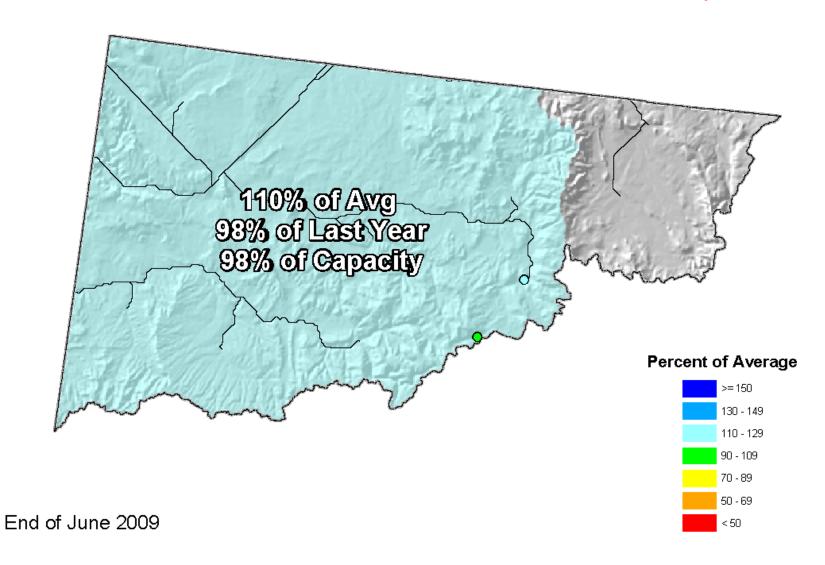
Yampa and White River Basins High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 16, 2009



Yampa & White River Basins Reservoir Storage Map

Provisional Data Subject to Revision

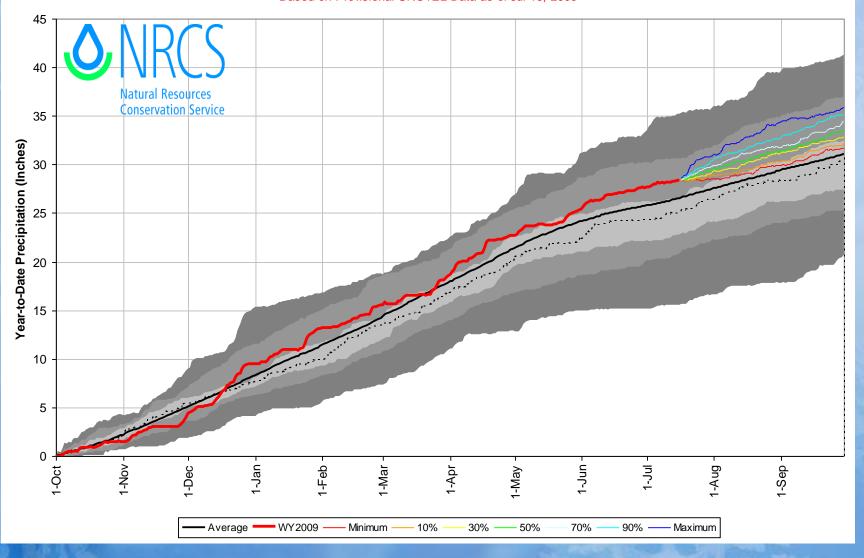


Colorado River Basin Summary



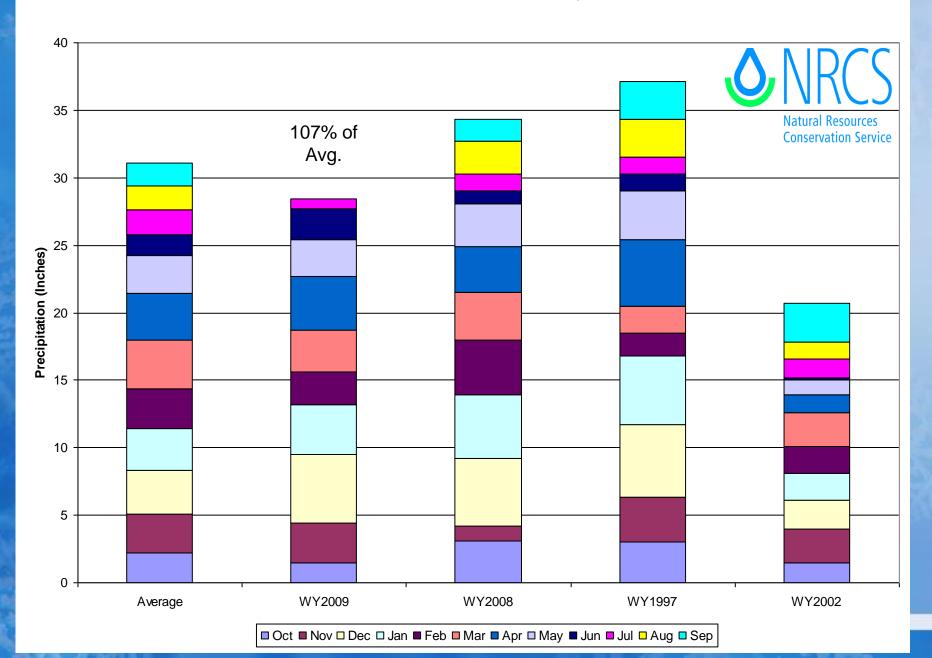
Colorado River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Jul 16, 2009

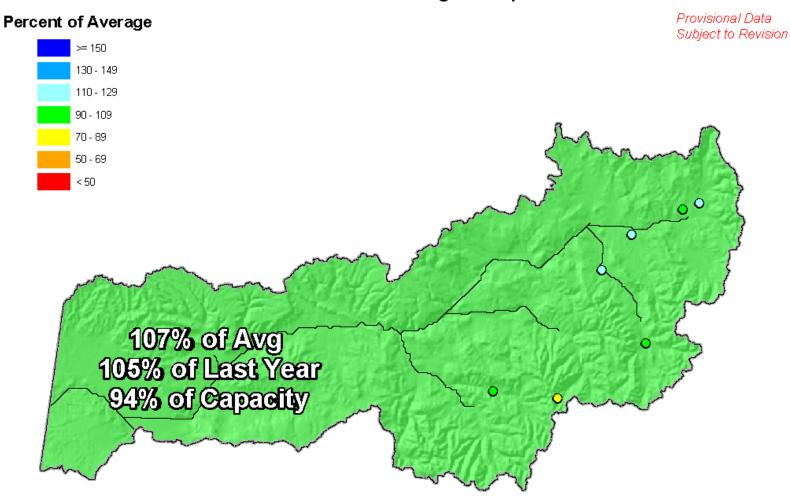


Upper Colorado River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 16, 2009

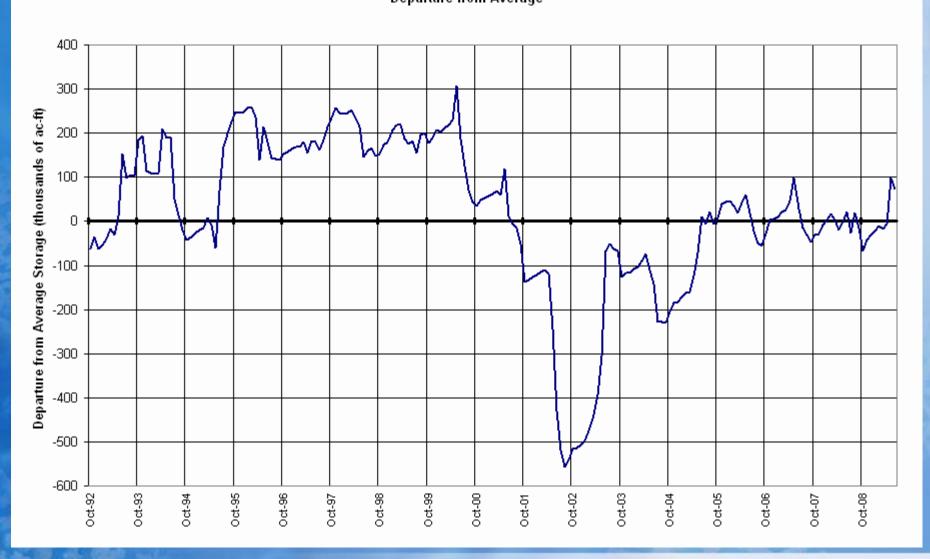


Colorado River Basin Reservoir Storage Map



End of June 2009

COLORADO RIVER BASIN Reservoir Storage Departure from Average

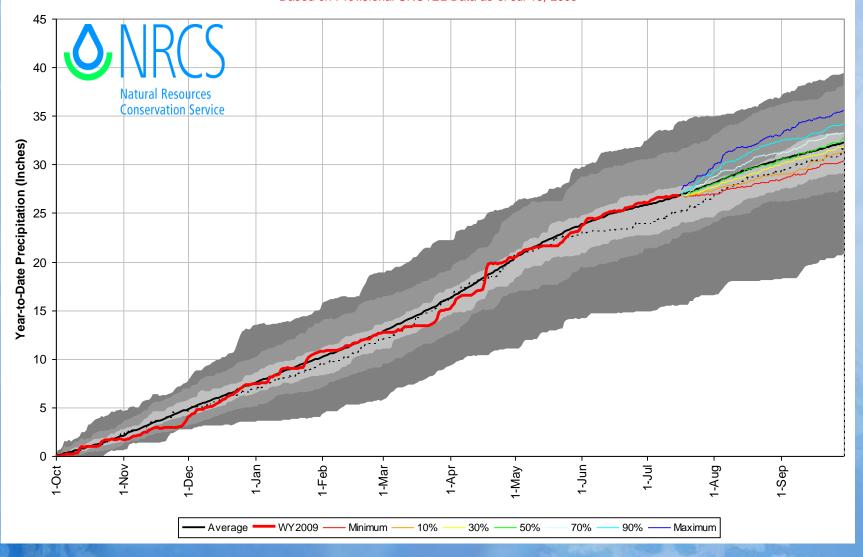


South Platte River Basin Summary



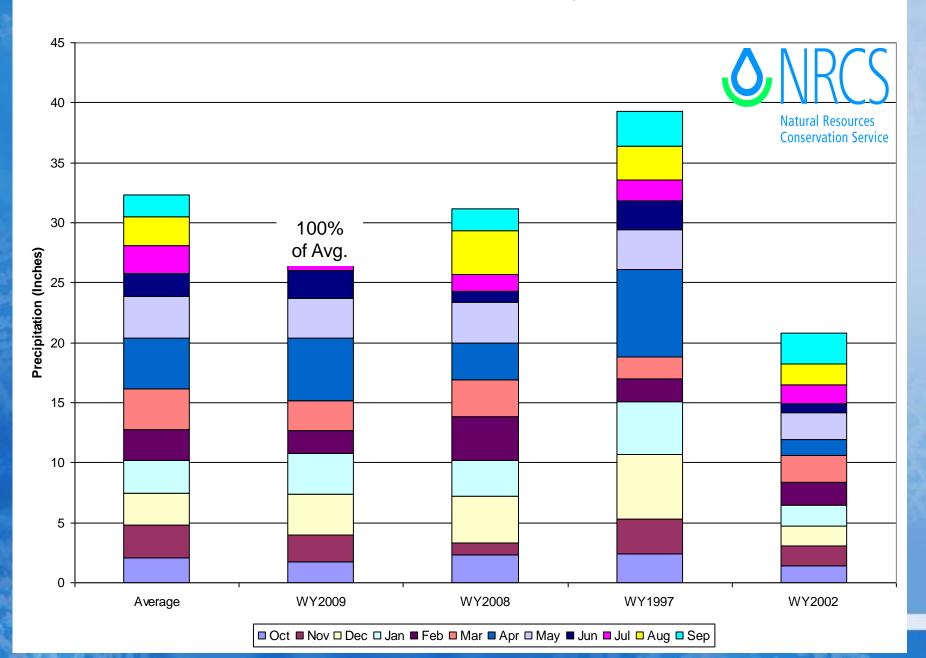
South Platte River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Jul 16, 2009

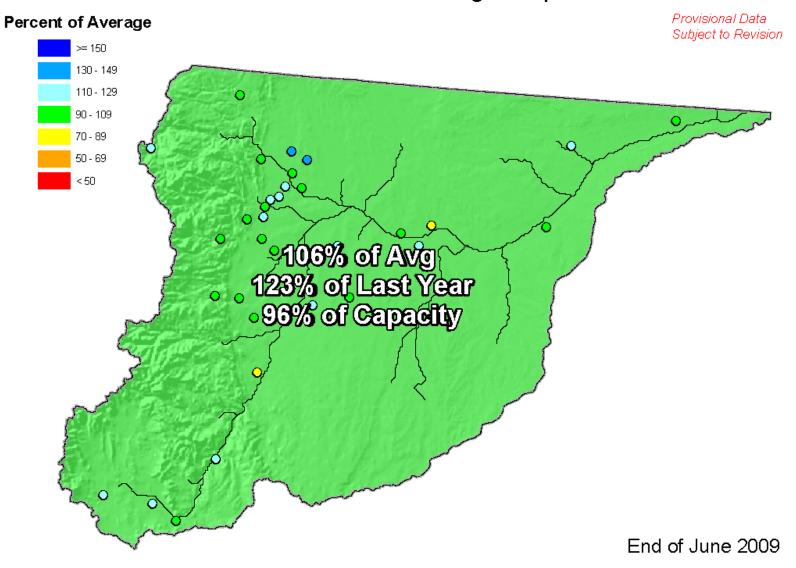


South Platte River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 16, 2009

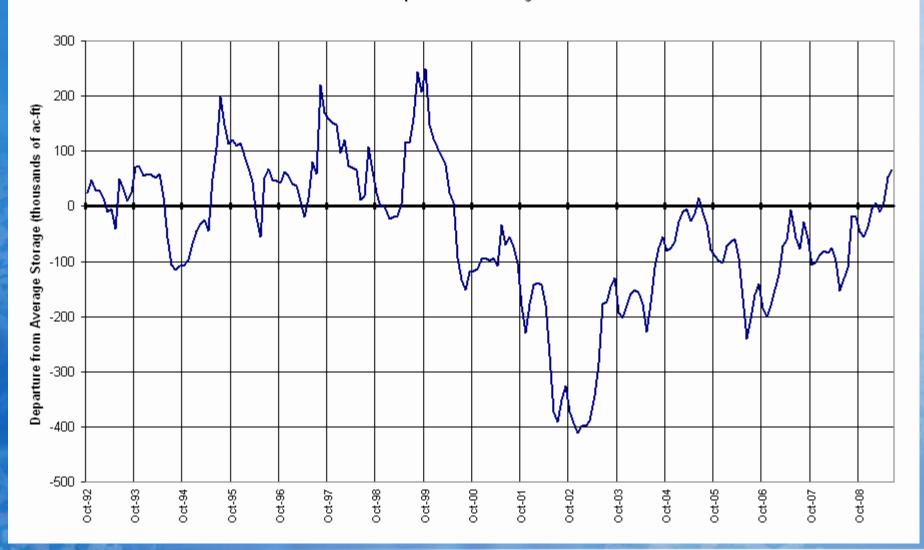


South Platte River Basin Reservoir Storage Map



SOUTH PLATTE RIVER BASIN

Reservoir Storage Departure from Average

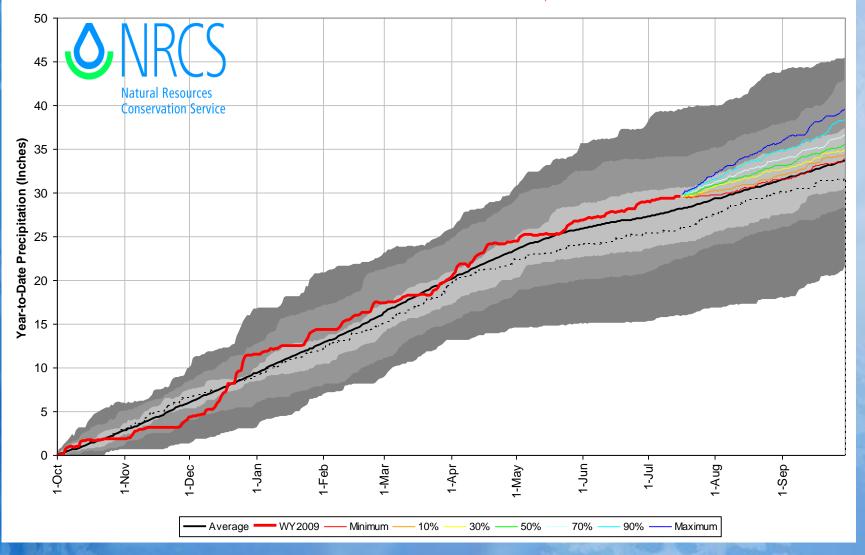


Gunnison River Basin Summary



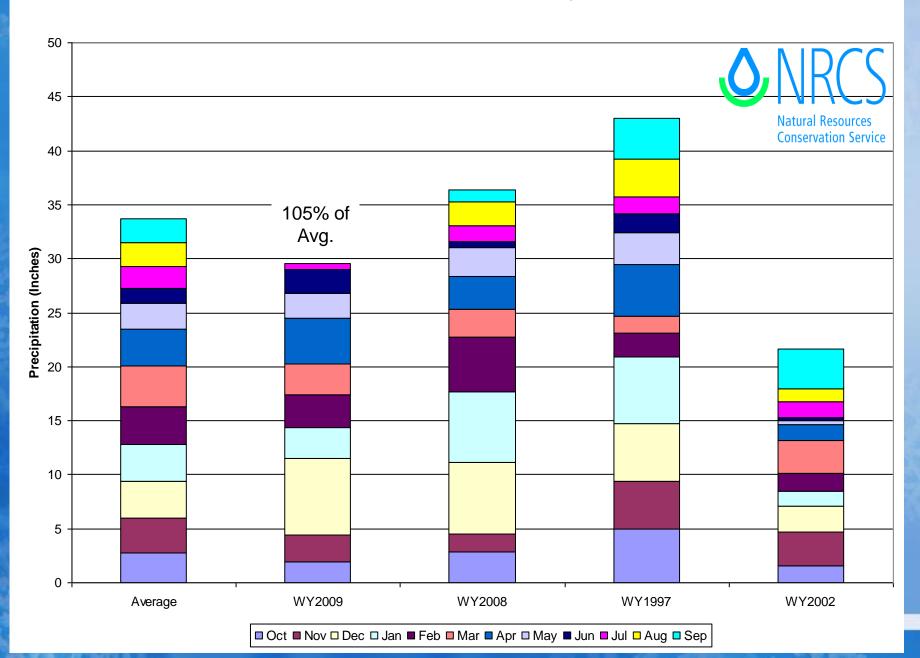
Gunnison River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Jul 16, 2009

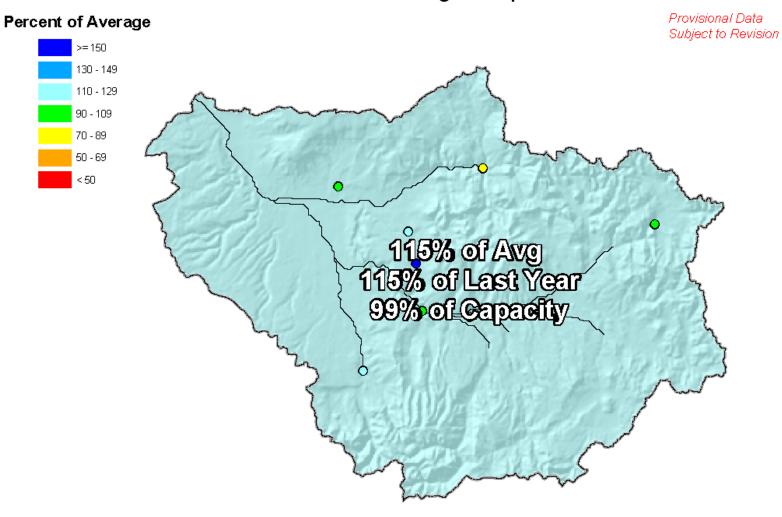


Gunnison River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 16, 2009

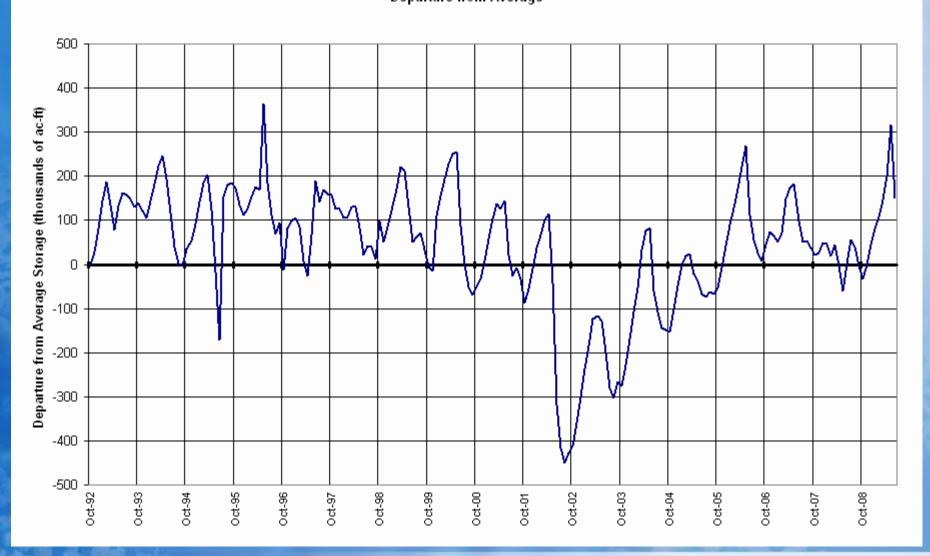


Gunnison River Basin Reservoir Storage Map

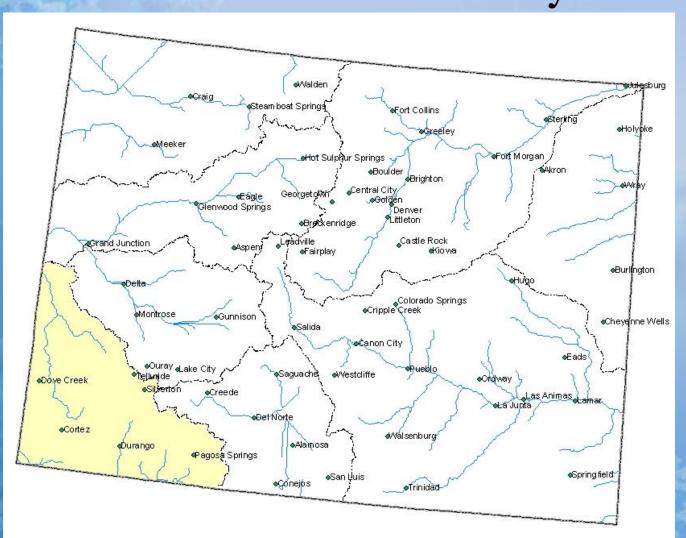


End of June 2009

GUNNISON RIVER BASIN Reservoir Storage Departure from Average

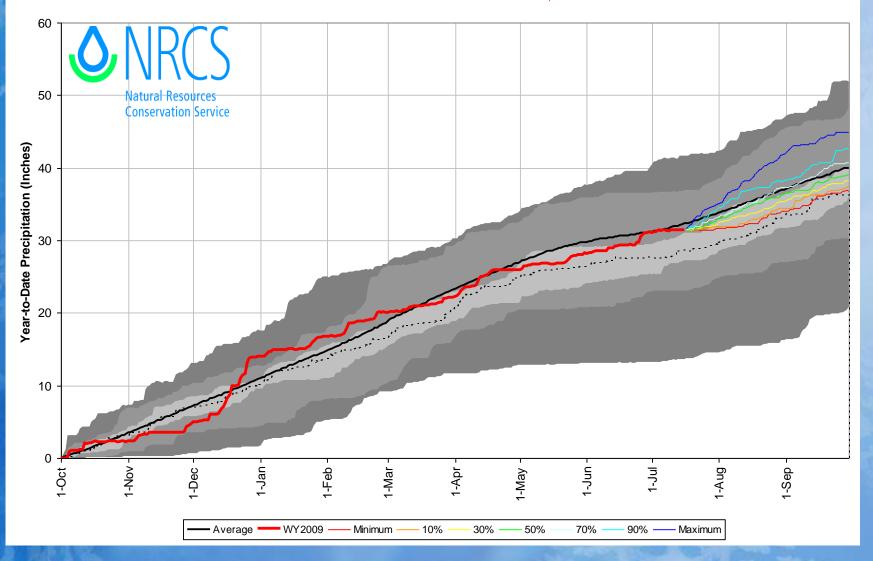


San Miguel, Dolores, Animas & San Juan River Basins Summary



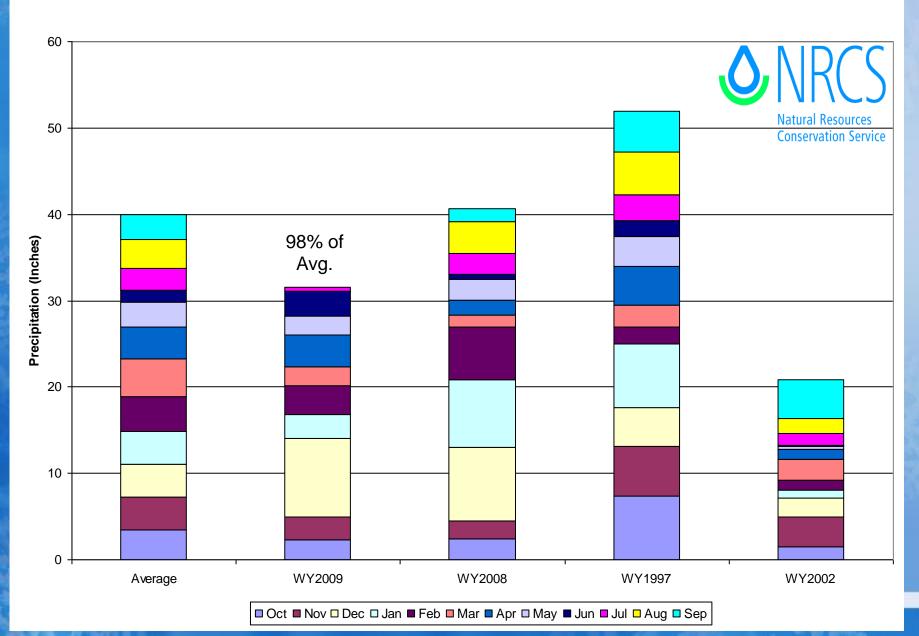
San Miguel, Dolores, Animas & San Juan River Basins with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Jul 16, 2009



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

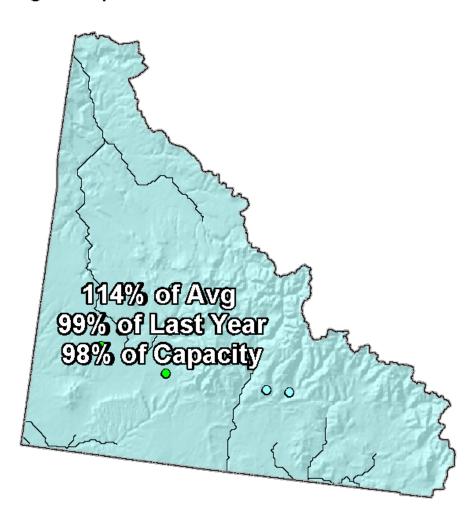
Based on Provisional SNOTEL data as of Jul 16, 2009



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

Percent of Average

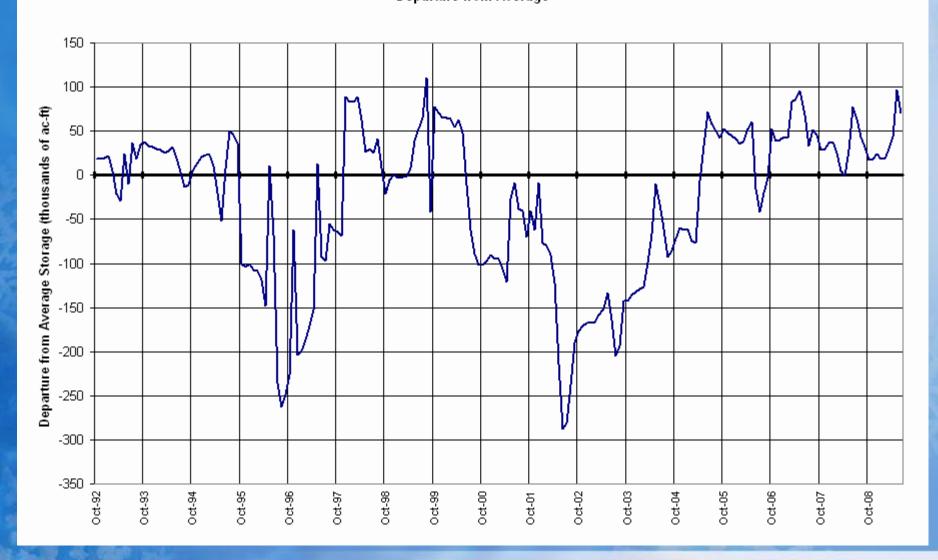




Provisional Data Subject to Revision

End of June 2009

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

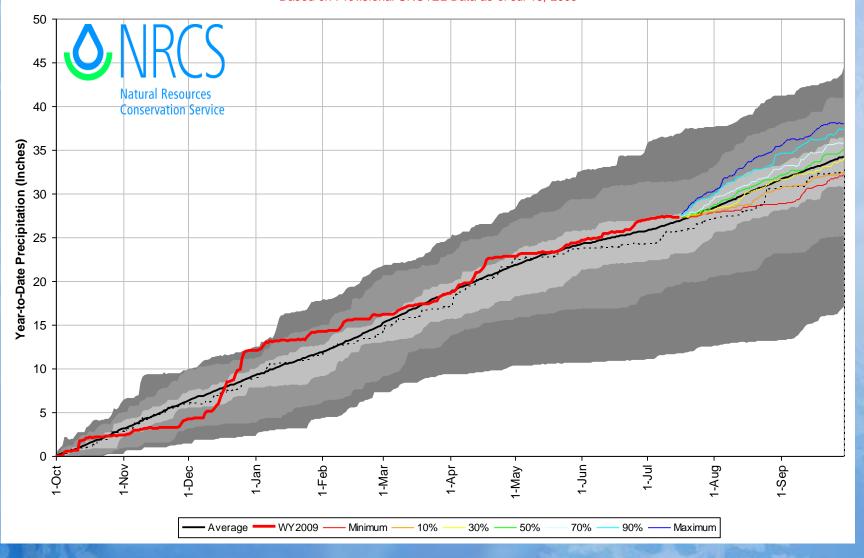


Upper Rio Grande Basin Summary



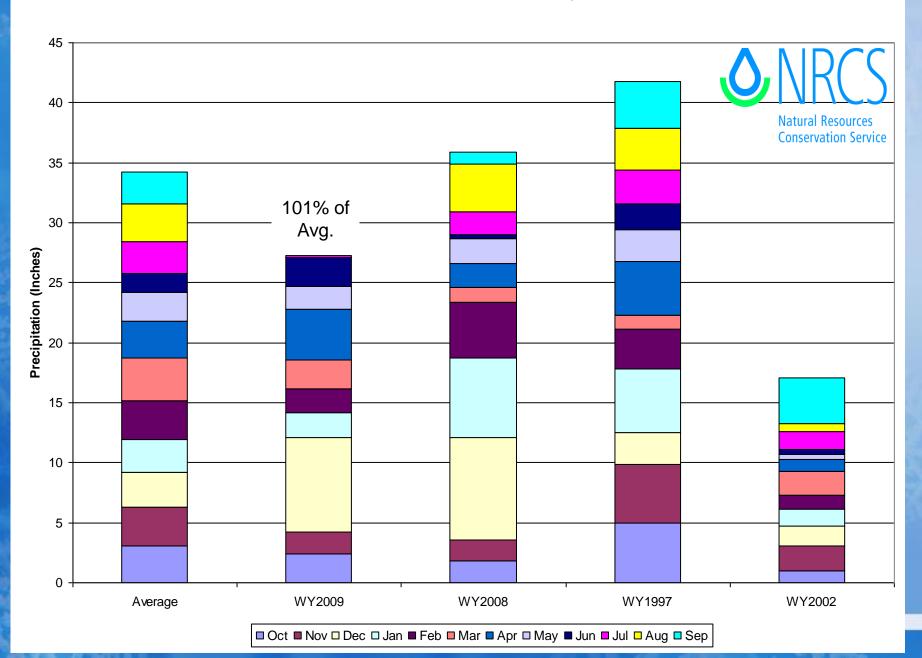
Upper Rio Grande Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Jul 16, 2009

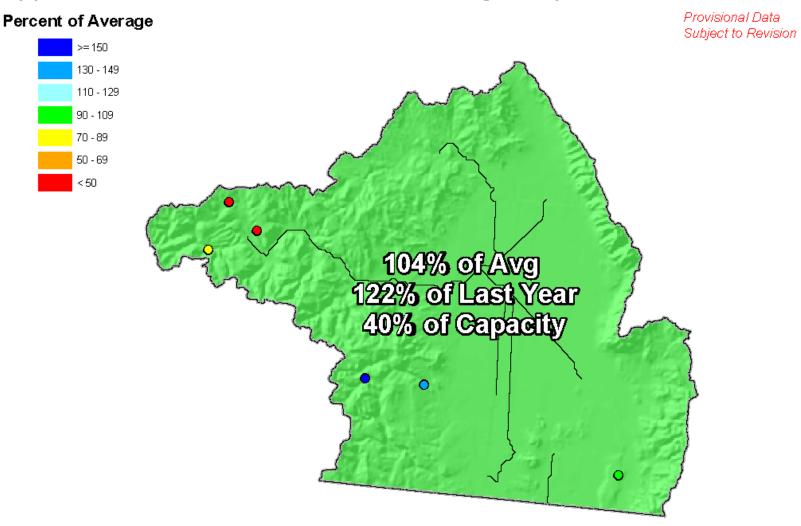


Upper Rio Grande Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 16, 2009

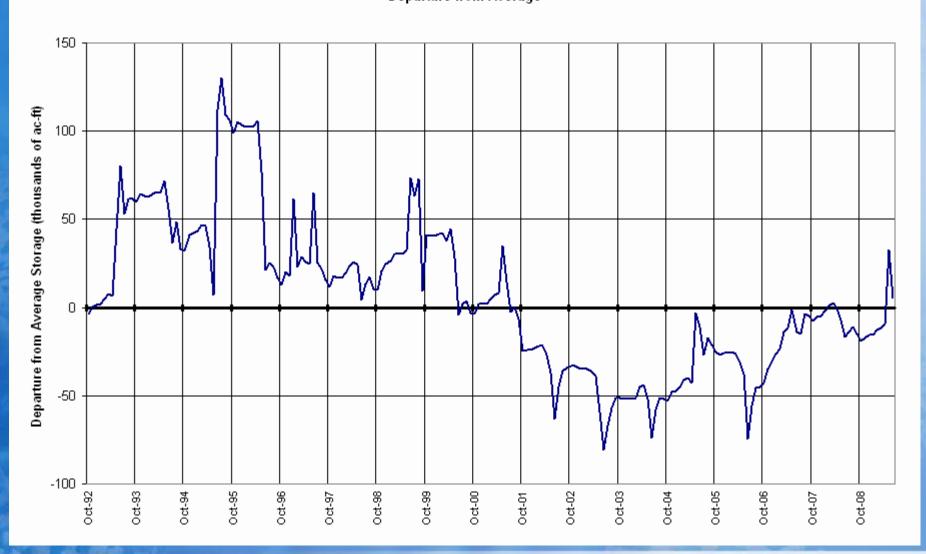


Upper Rio Grande Basin Reservoir Storage Map



End of June 2009

UPPER RIO GRANDE BASIN Reservoir Storage Departure from Average

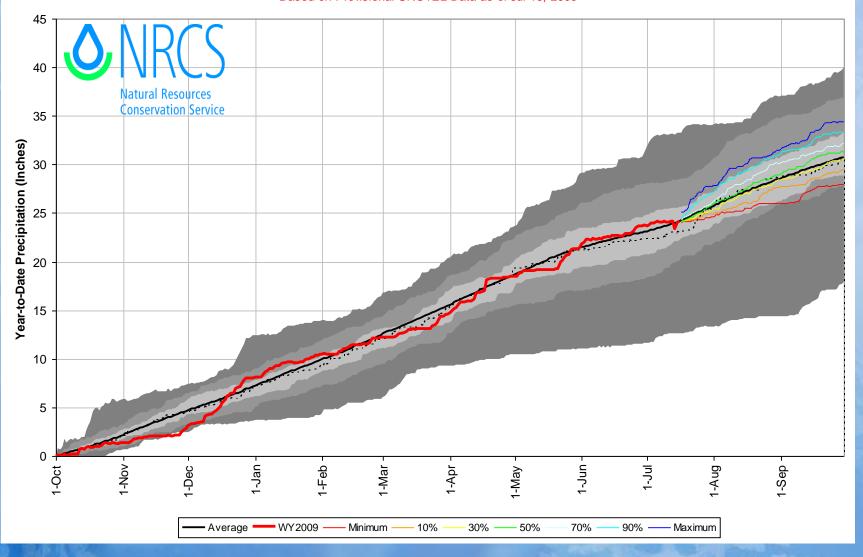


Arkansas River Basin Summary



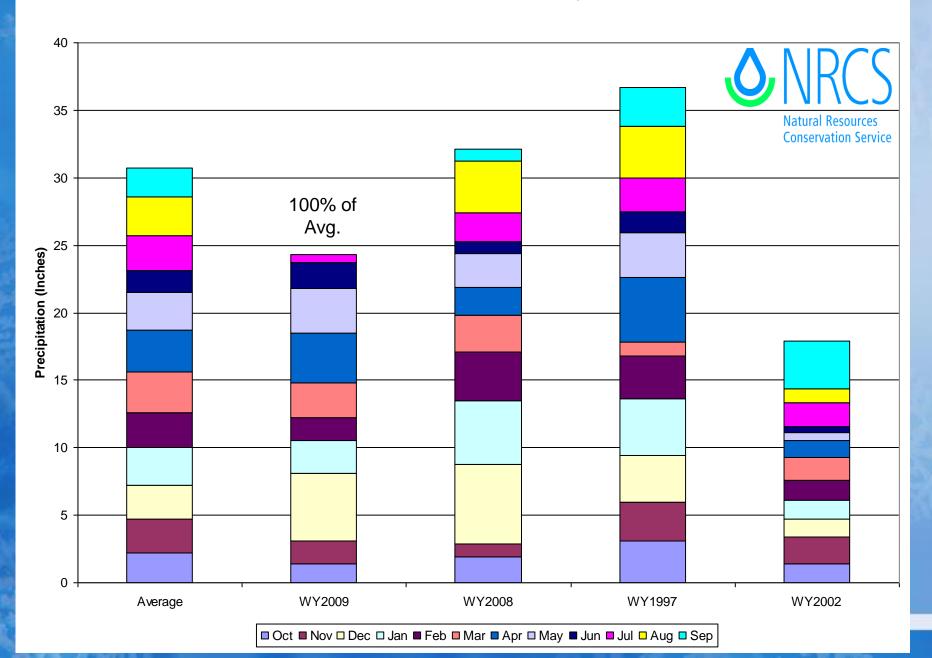
Arkansas River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Jul 16, 2009

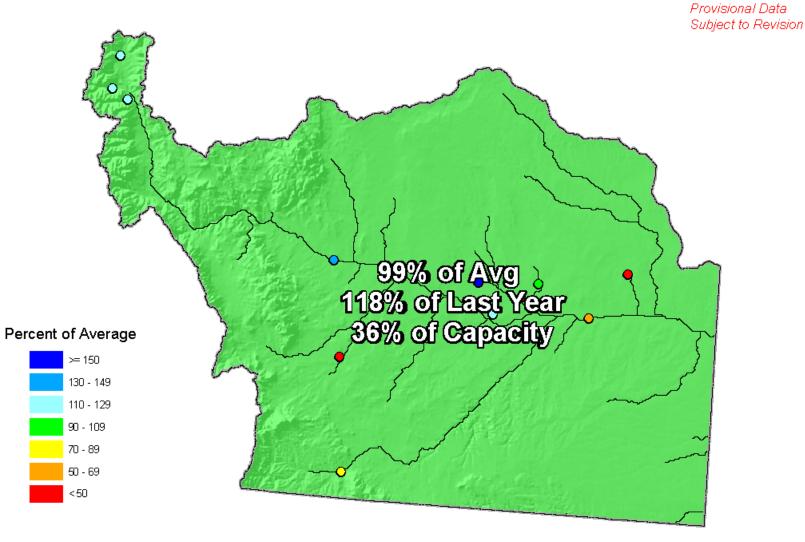


Arkansas River Basin High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 16, 2009

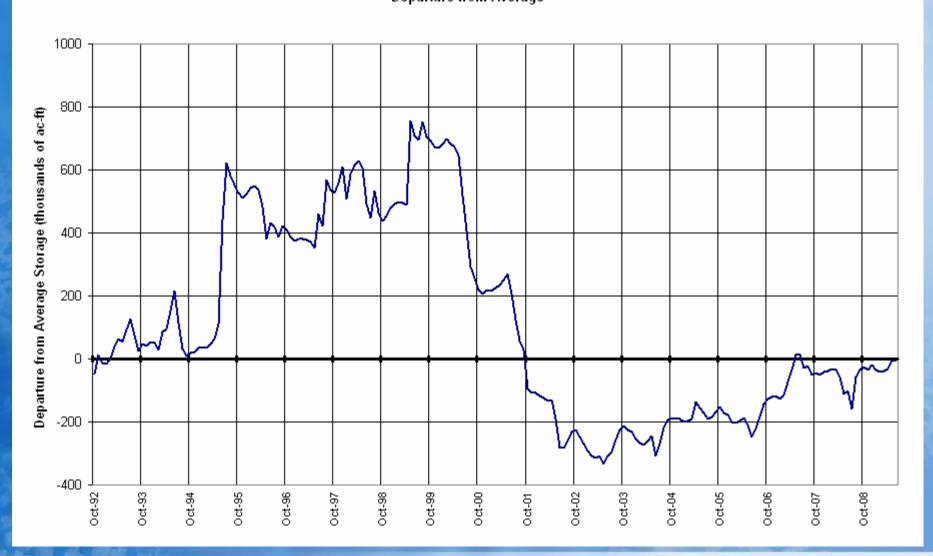


Arkansas River Basin Reservoir Storage Map

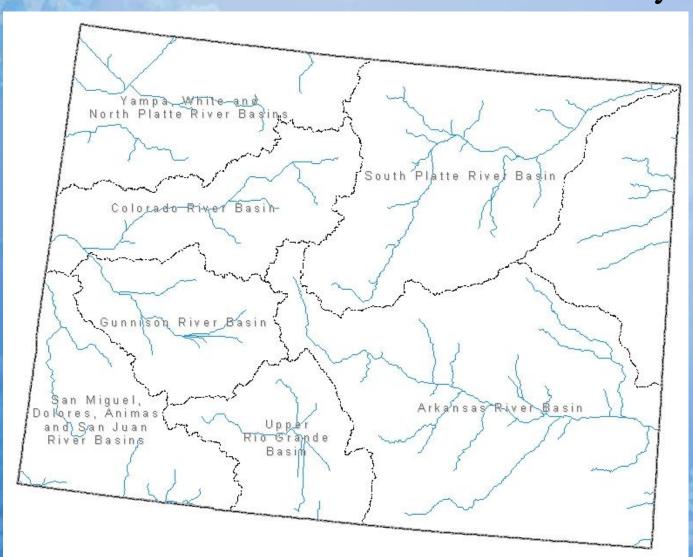


End of June 2009

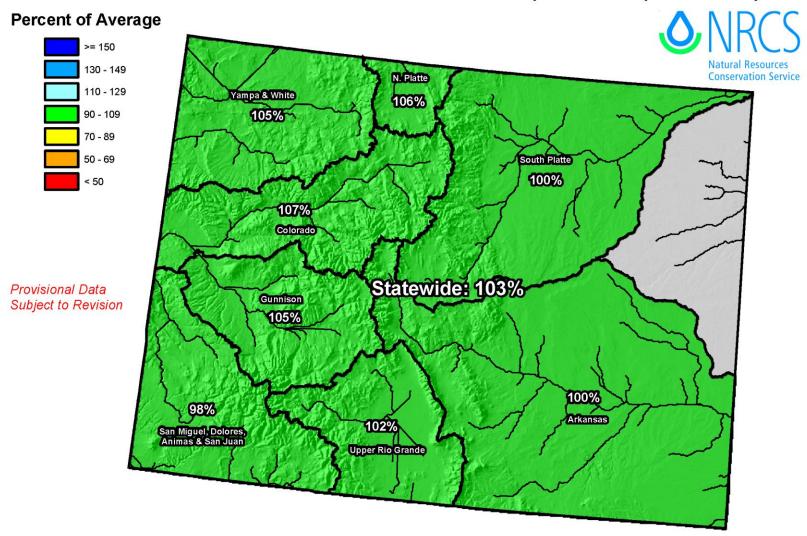
ARKANSAS RIVER BASIN Reservoir Storage Departure from Average



Colorado Statewide Summary

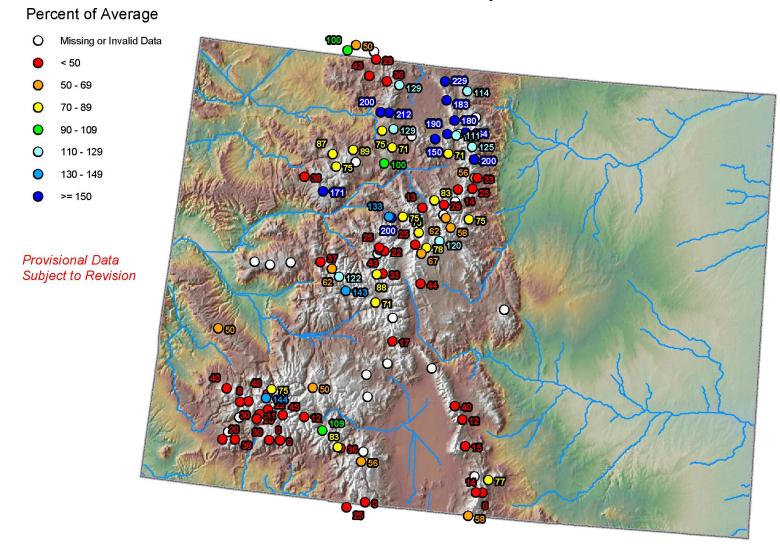


Colorado SNOTEL Water Year-to-Date Precipitation Update Map



Current as of Jul 16, 2009

Colorado SNOTEL Month-to-Date Precipitation



Current as of Jul 16, 2009

COLORADO RESERVOIR STORAGE End-of-Month Departure from Average



