

Mike Gillespie

Colorado Drought Task Force Meeting April 22, 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!!

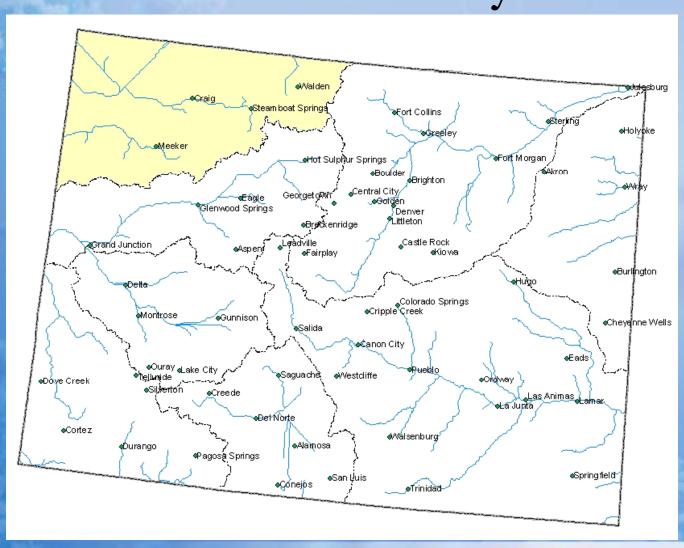
January – A good start to the month, followed by a "January Thaw". Sizable snowpack increases at month's end.

February – Generally below average snowfall, especially across southern mountains.

March – Warm and dry statewide

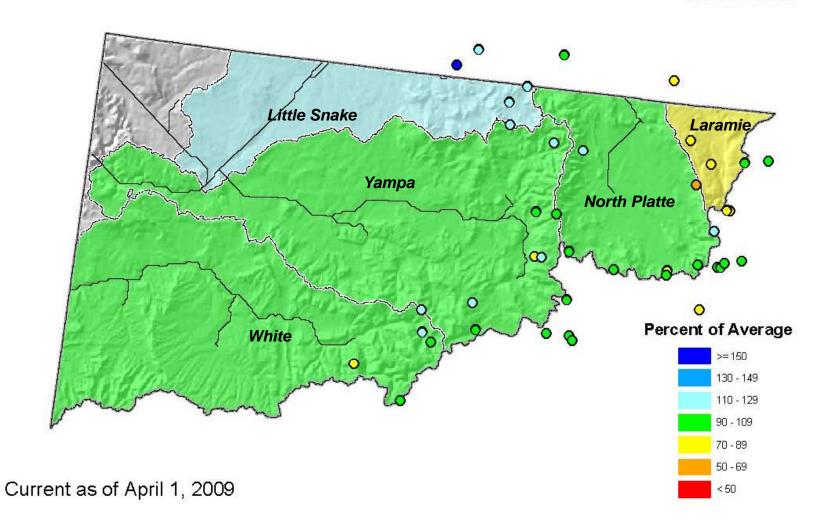
April – Sprint to the Finish Line!!

# Yampa, White & North Platte River Basins Summary

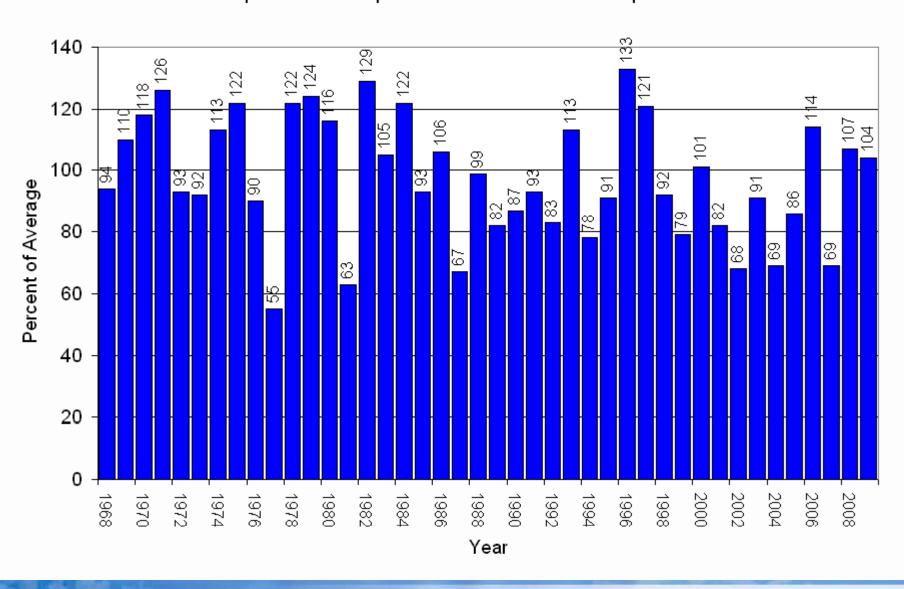


### Yampa, White and North Platte River Basins Snowpack Map

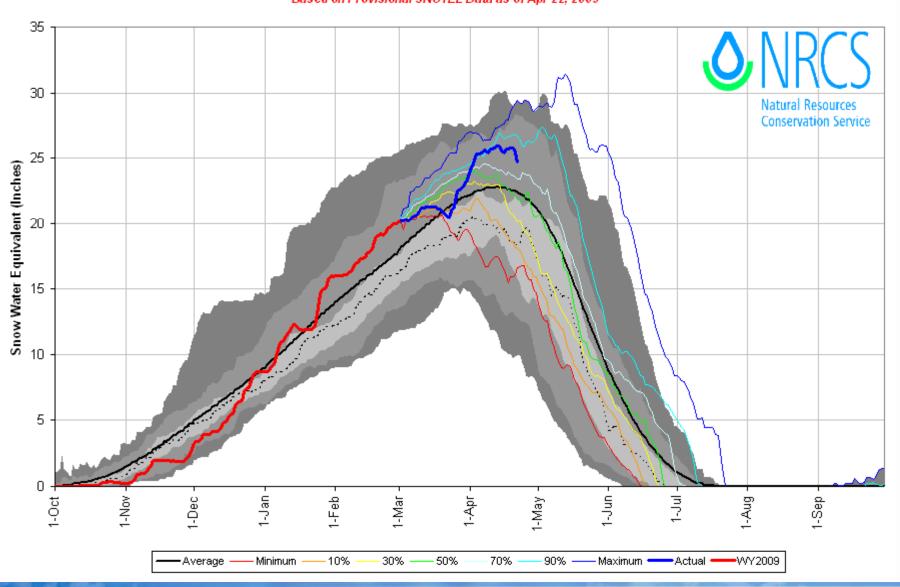
Provisional Data Subject to Revision



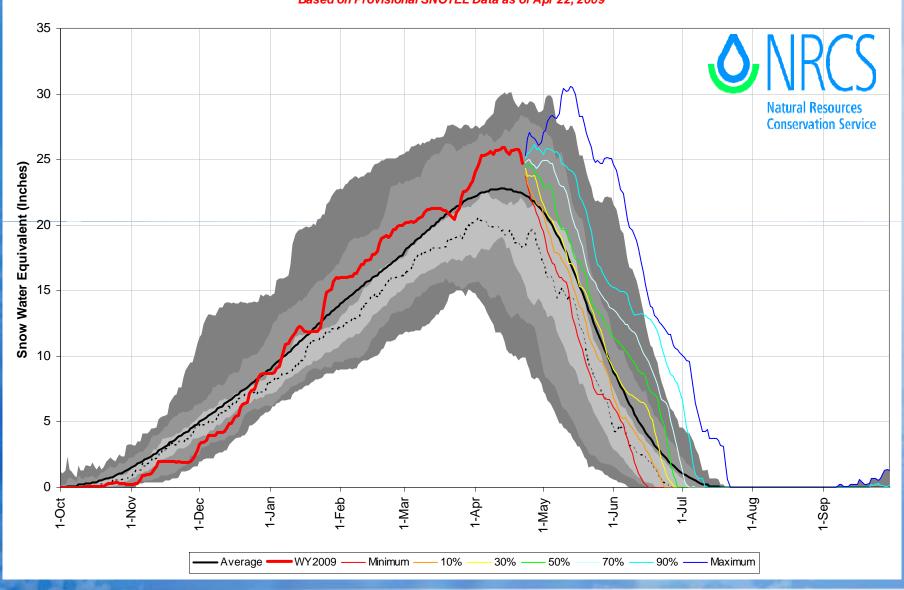
April 1 Total Yampa & White River Basins Snowpack



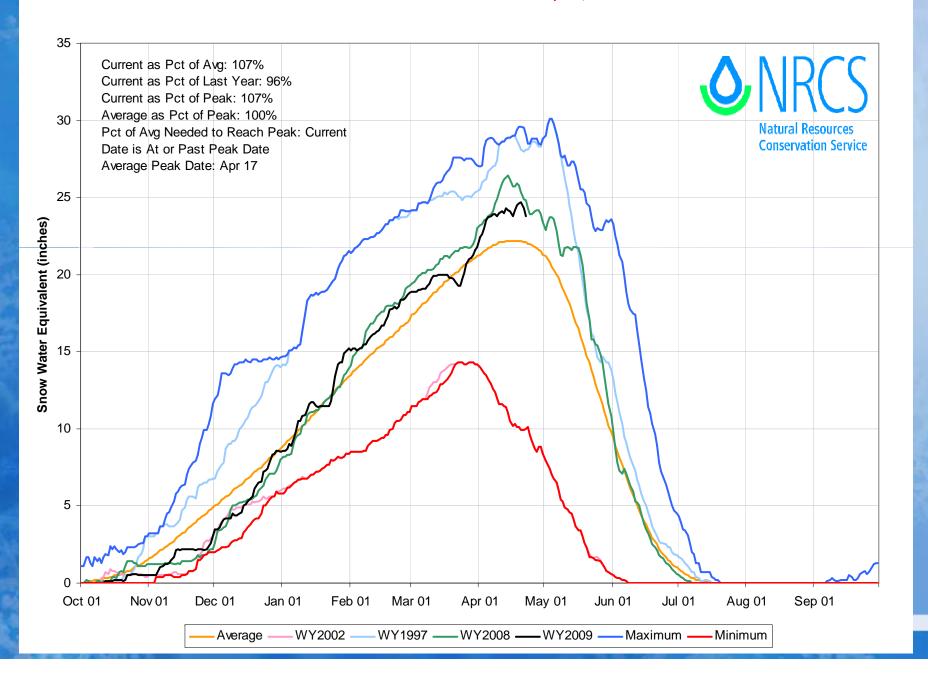
### Yampa and White River Basins with Non-Exceedence Projections



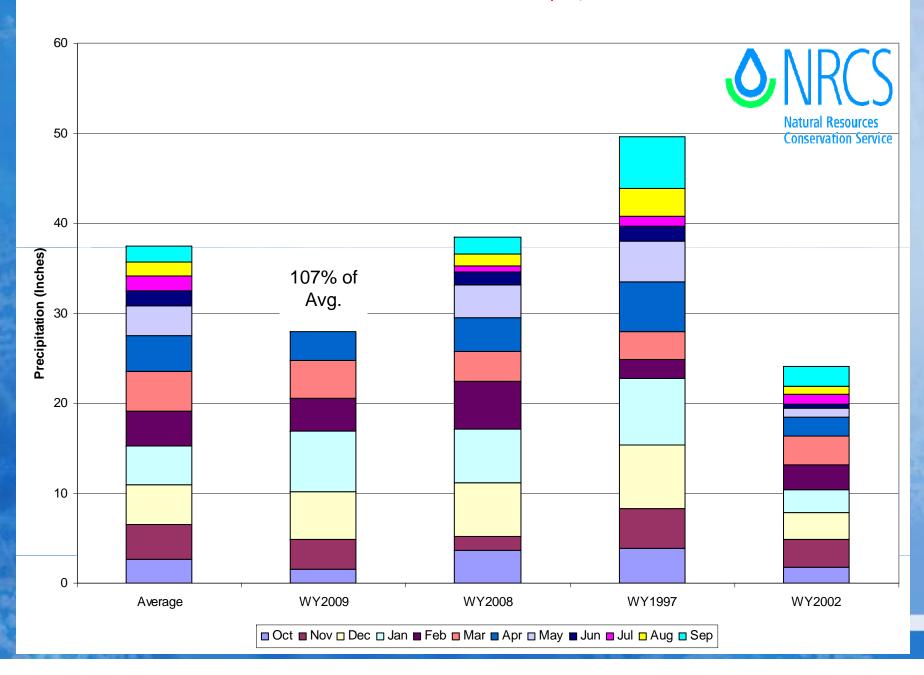
### Yampa and White River Basins with Non-Exceedence Projections



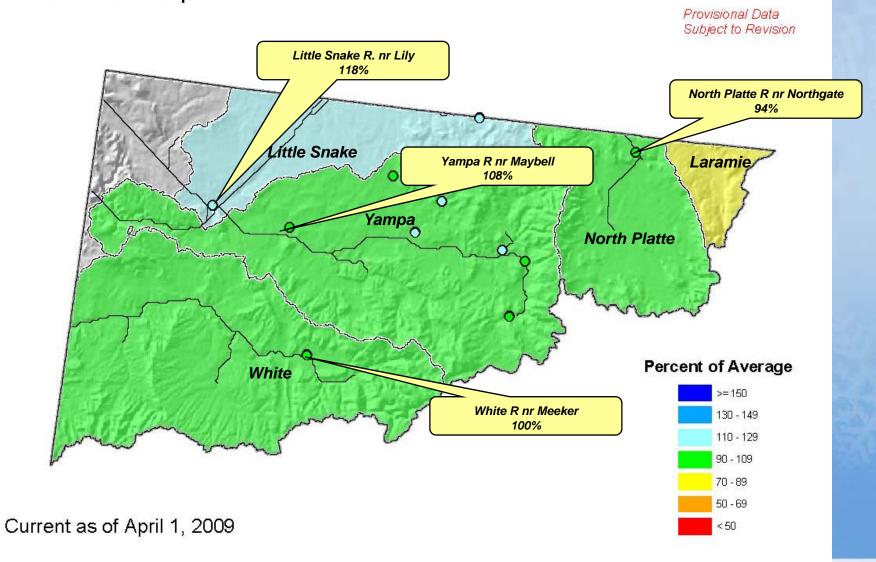
#### Yampa, White & North Platte River Basins High/Low Snowpack Summary

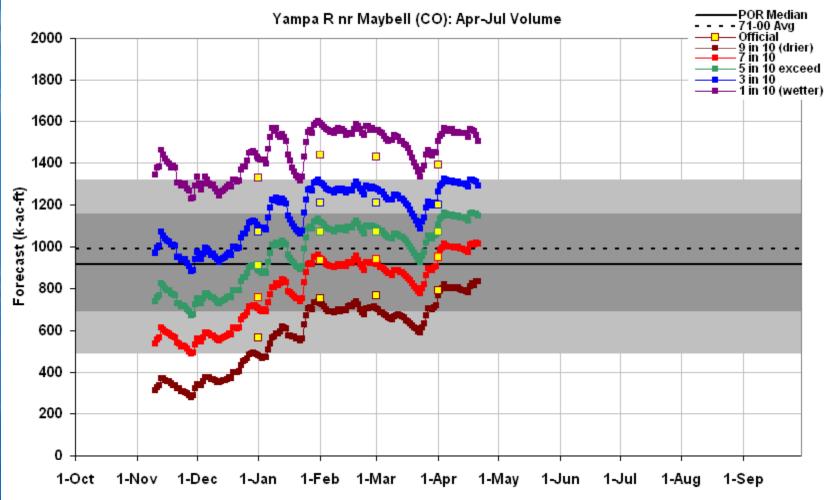


### Yampa and White River Basins High/Low Monthly Precipitation Summary



### Yampa, White and North Platte River Basins Streamflow Map





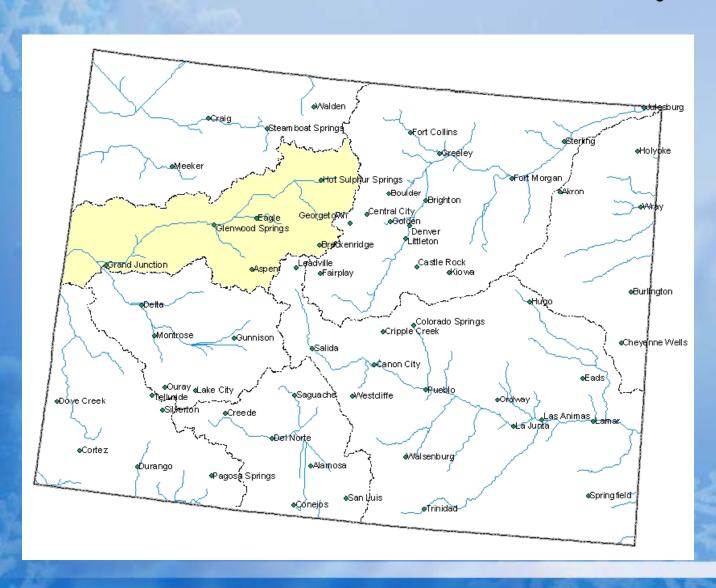
Created 12:05 Apr 21 2009



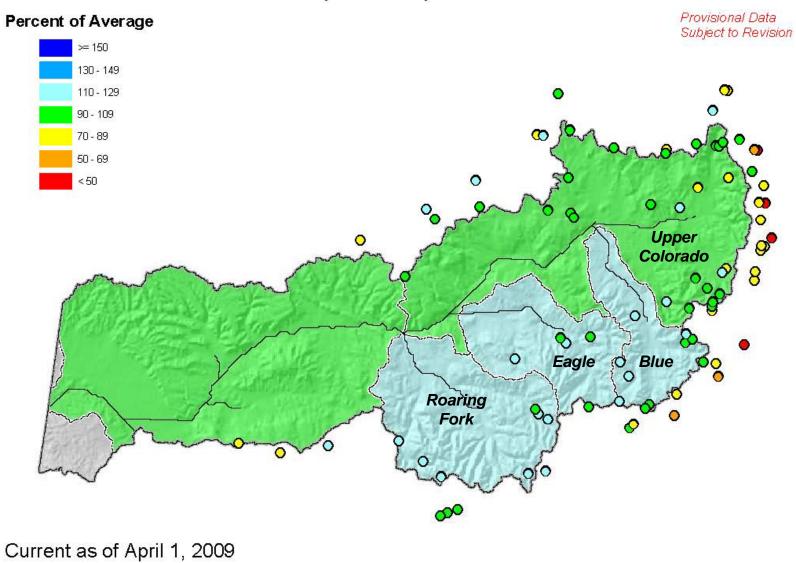
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Science Contact: Jim.Marron@por.usda.gov.www.wcc.nrcs.usda.gov/wsf/daily\_forecasts.html

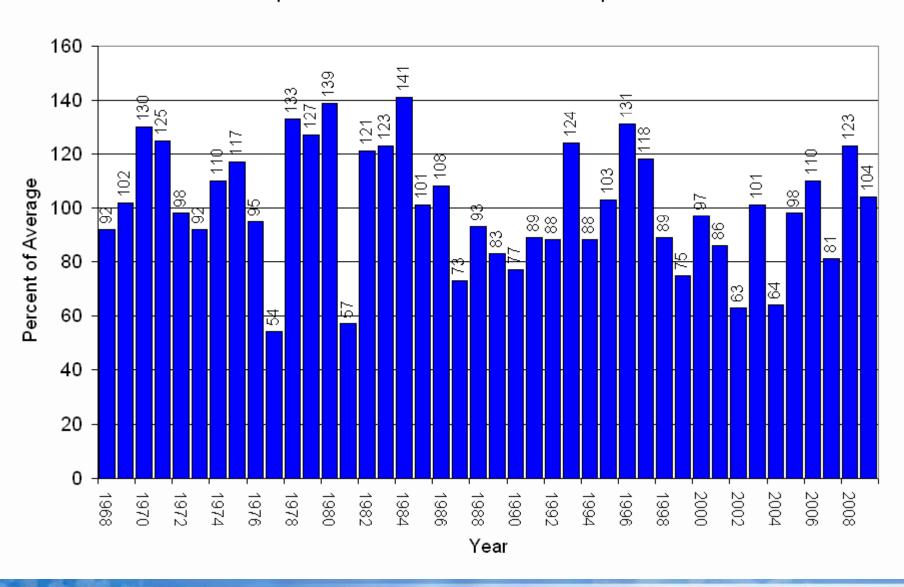
# Colorado River Basin Summary



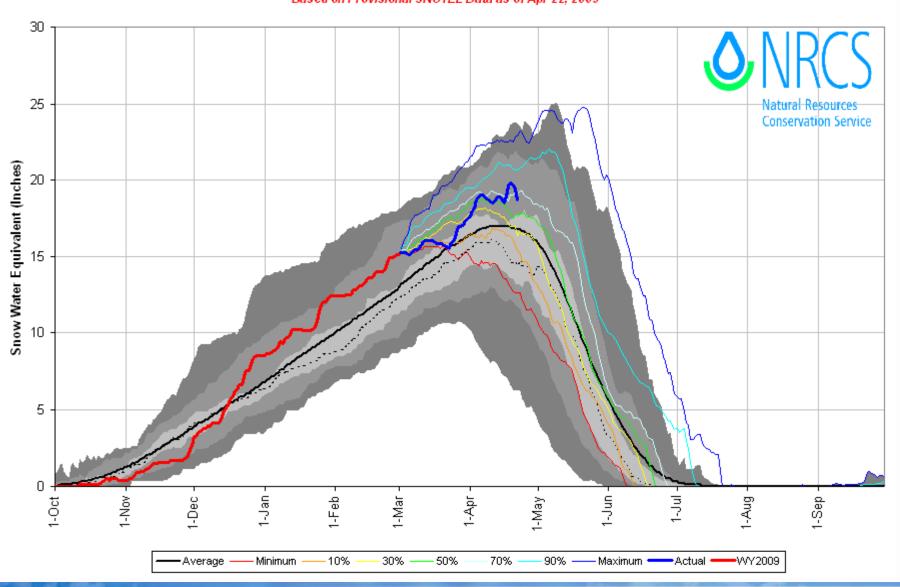
## Colorado River Basin Snowpack Map



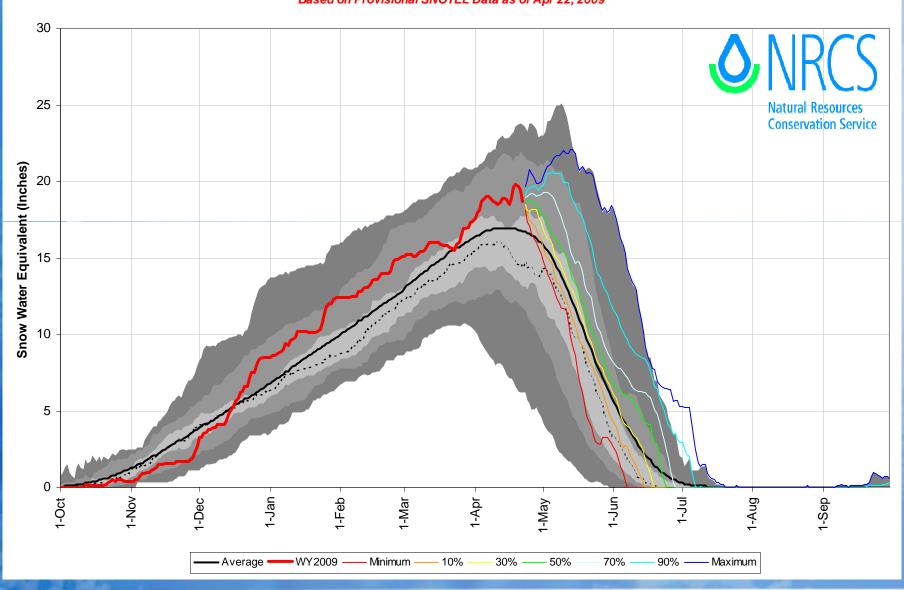
April 1 Total Colorado River Basin Snowpack



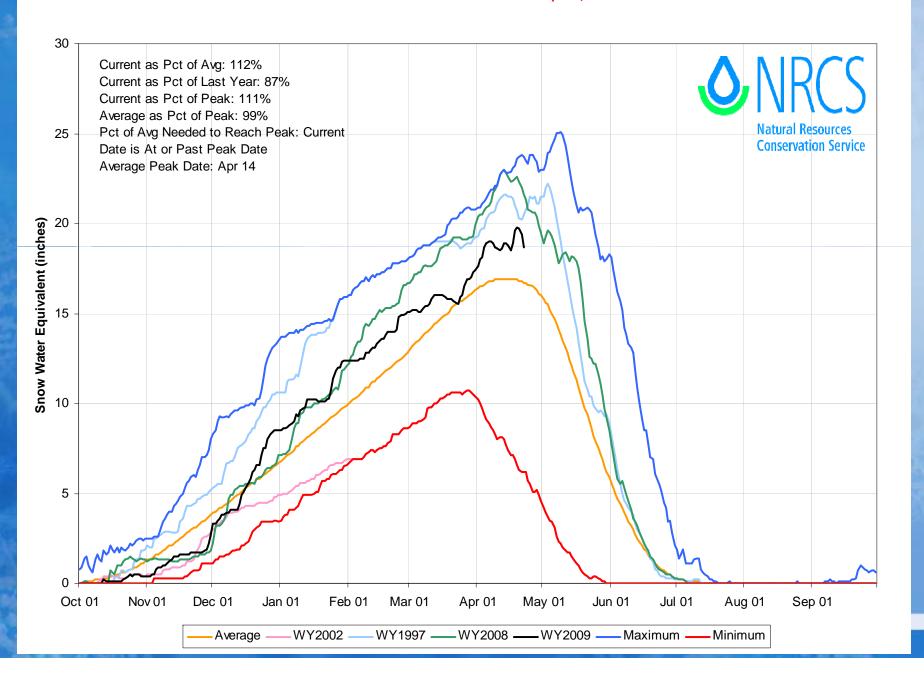
### Colorado River Basin with Non-Exceedence Projections



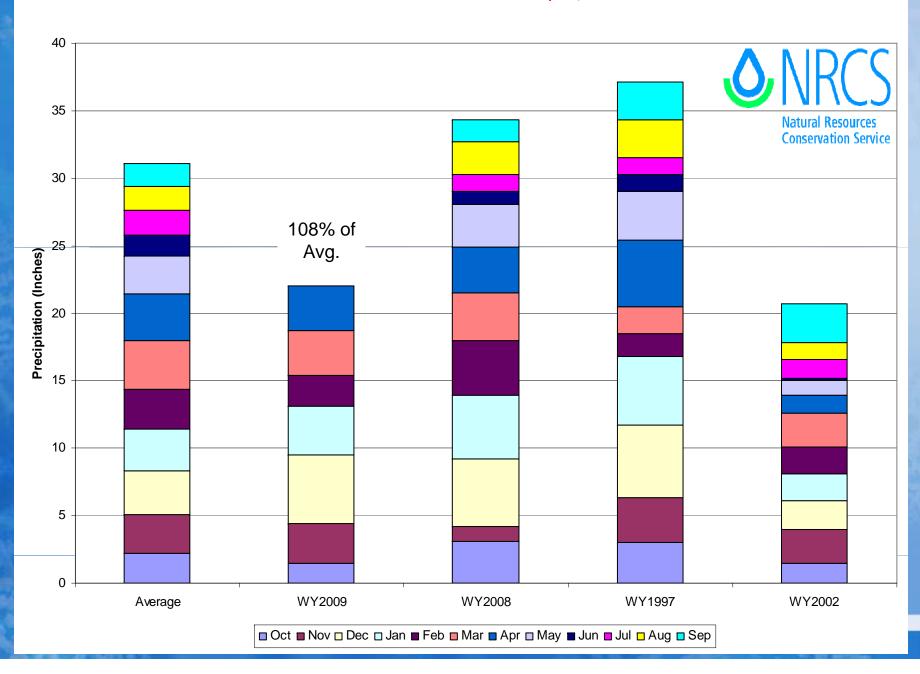
### Colorado River Basin with Non-Exceedence Projections



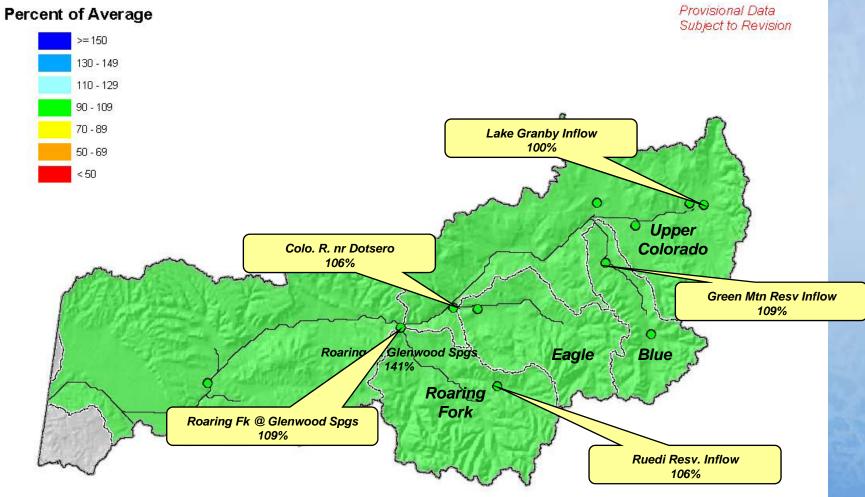
### **Upper Colorado River Basin High/Low Snowpack Summary**



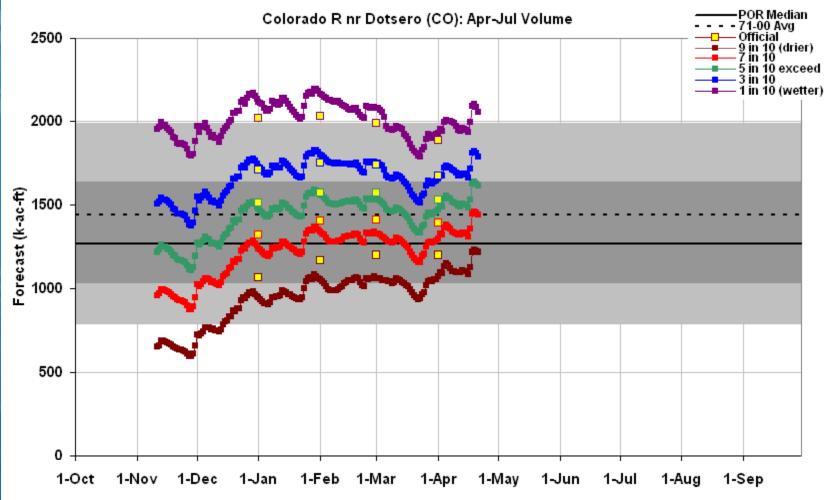
### **Upper Colorado River Basin High/Low Monthly Precipitation Summary**







Current as of April 1, 2009



Created 11:58 Apr 21 2009

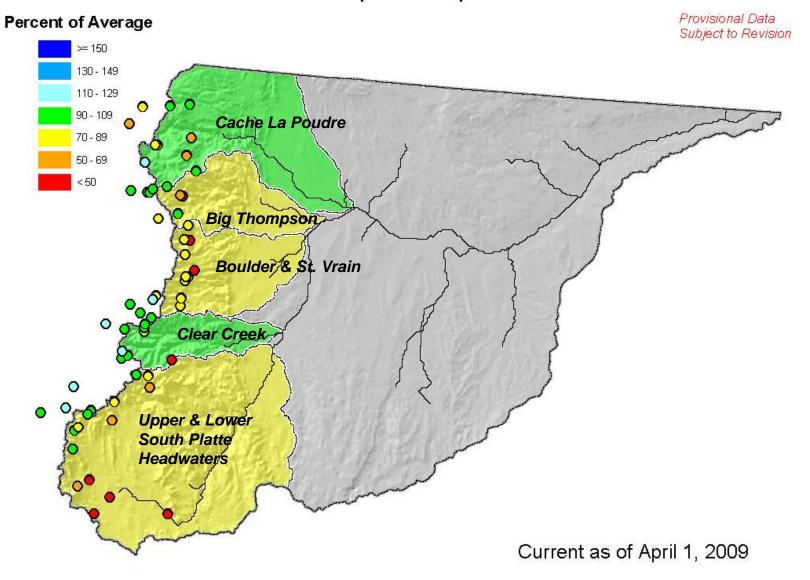


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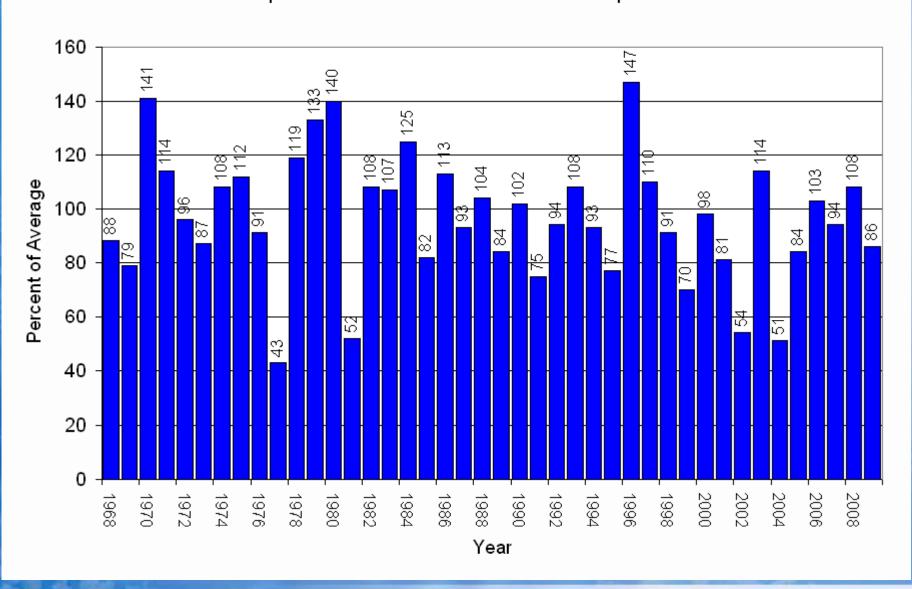
# South Platte River Basin Summary



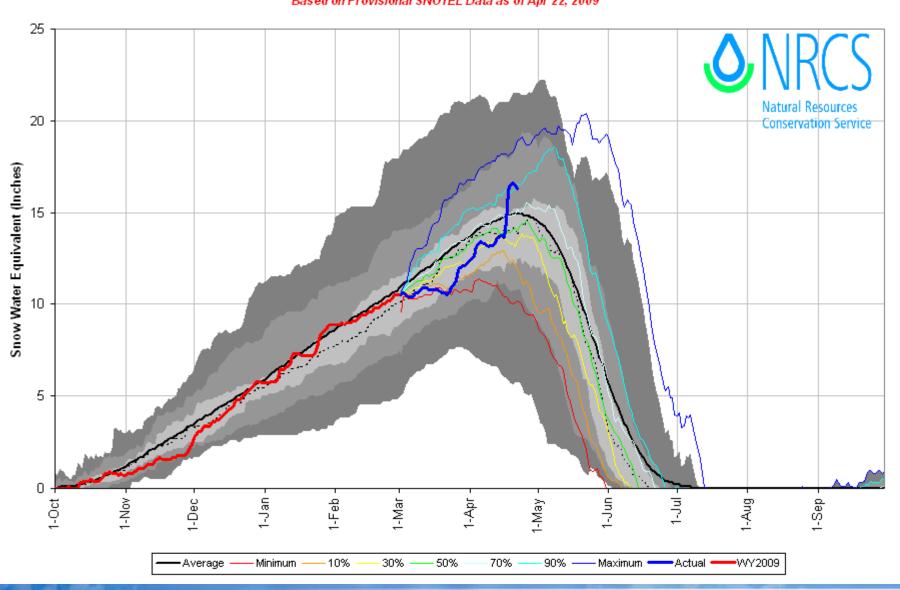
## South Platte River Basin Snowpack Map



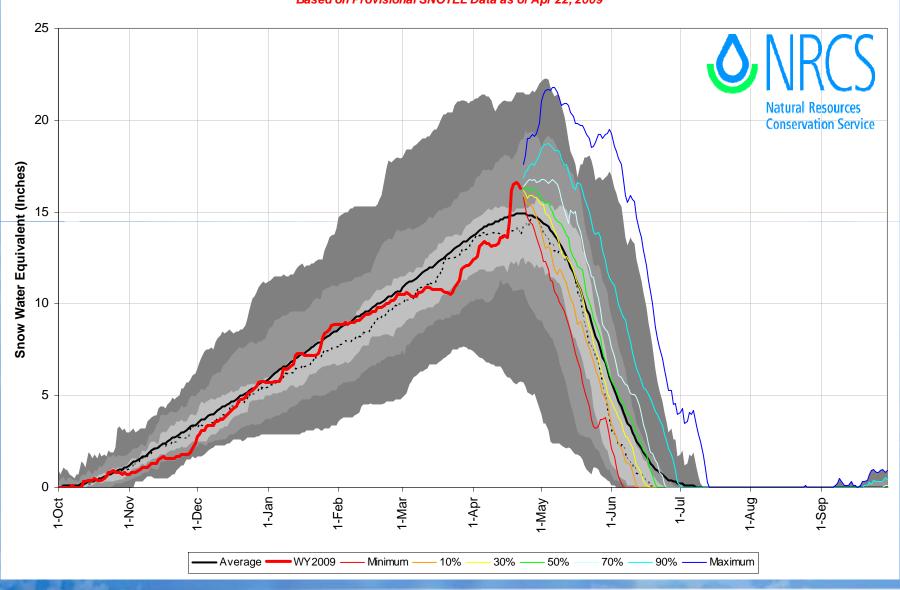
April 1 Total South Platte River Basin Snowpack



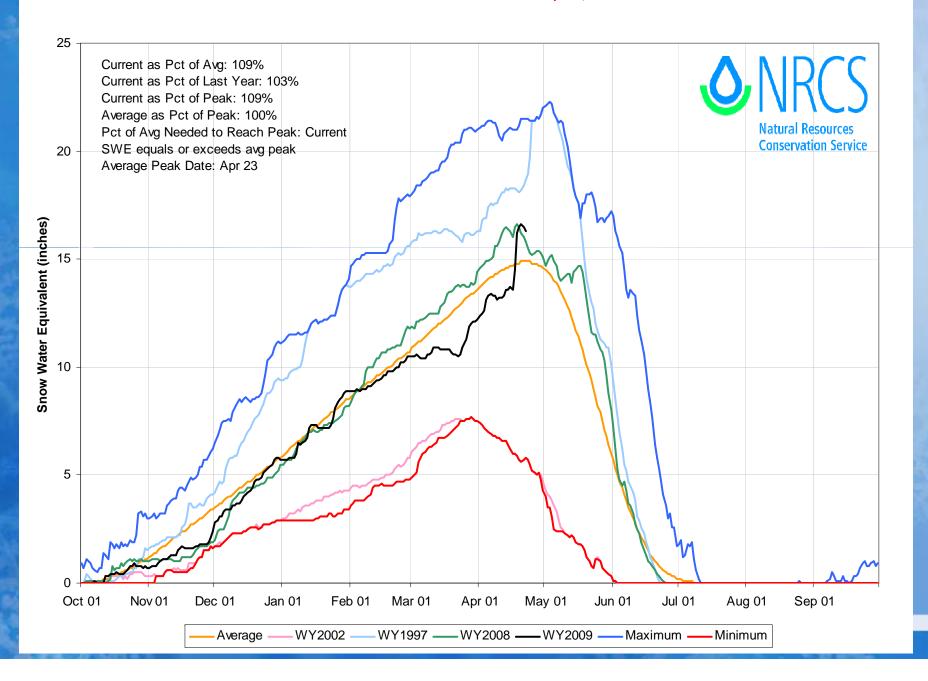
### South Platte River Basin with Non-Exceedence Projections



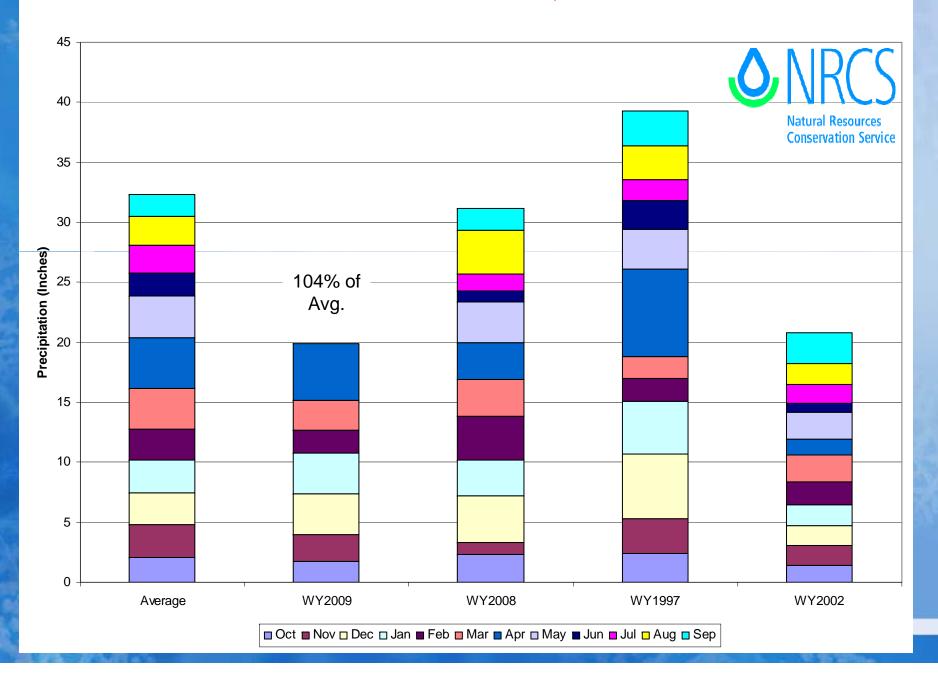
### **South Platte River Basin with Non-Exceedence Projections**



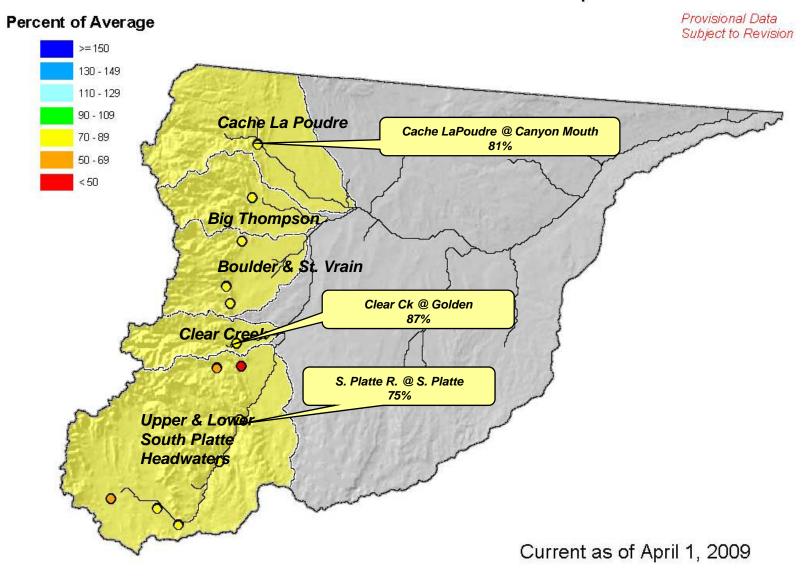
#### South Platte River Basin High/Low Snowpack Summary

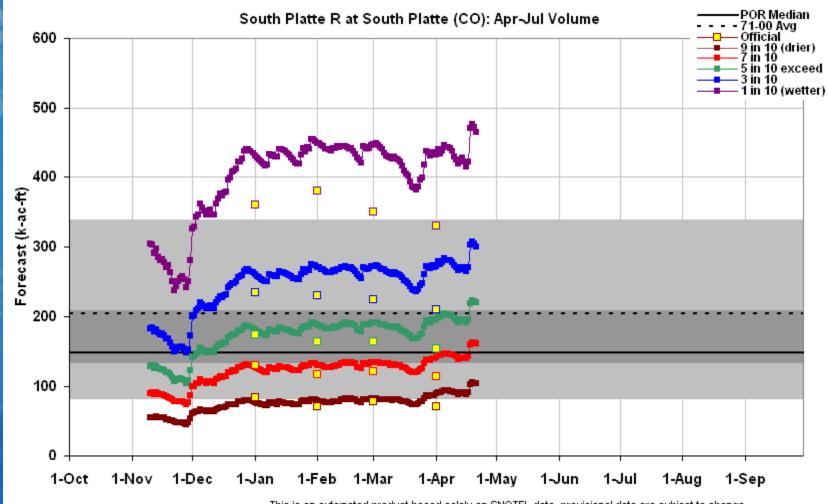


### South Platte River Basin High/Low Monthly Precipitation Summary



### South Platte River Basin Streamflow Forecast Map





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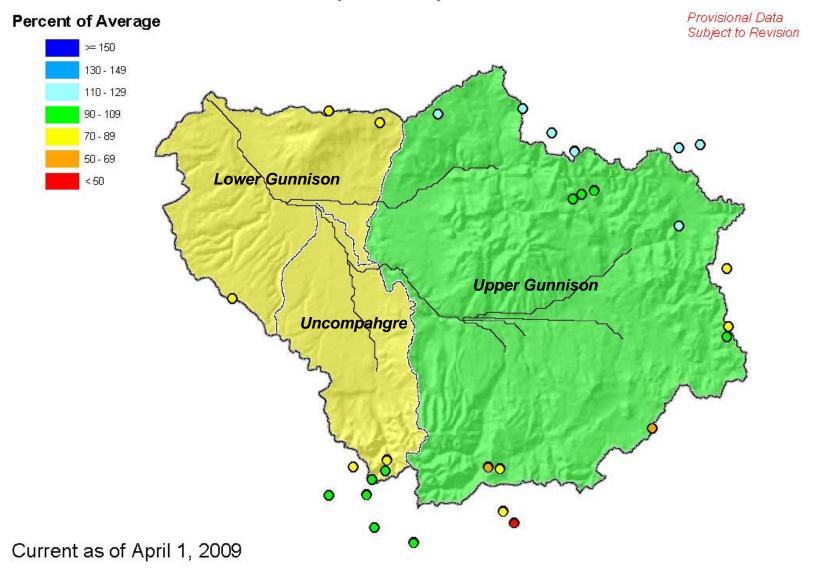


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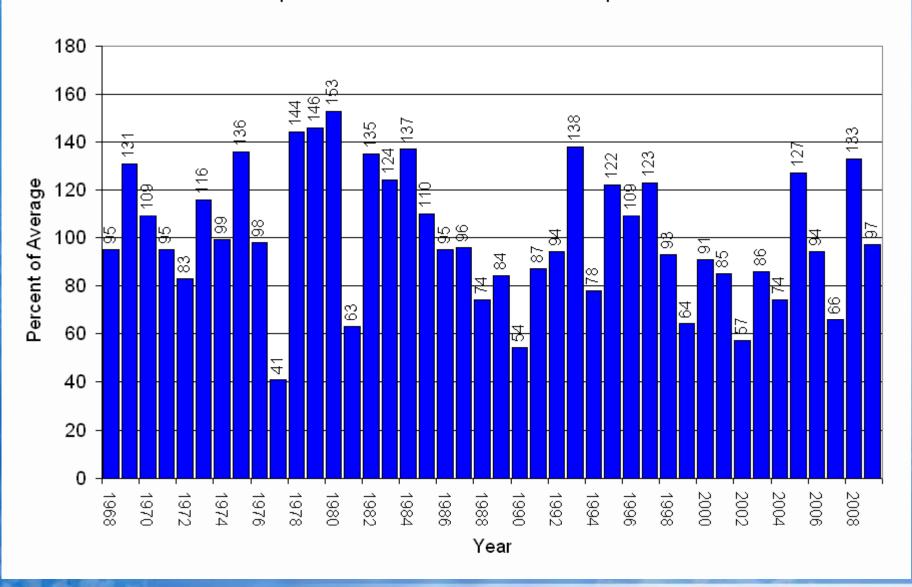
# Gunnison River Basin Summary



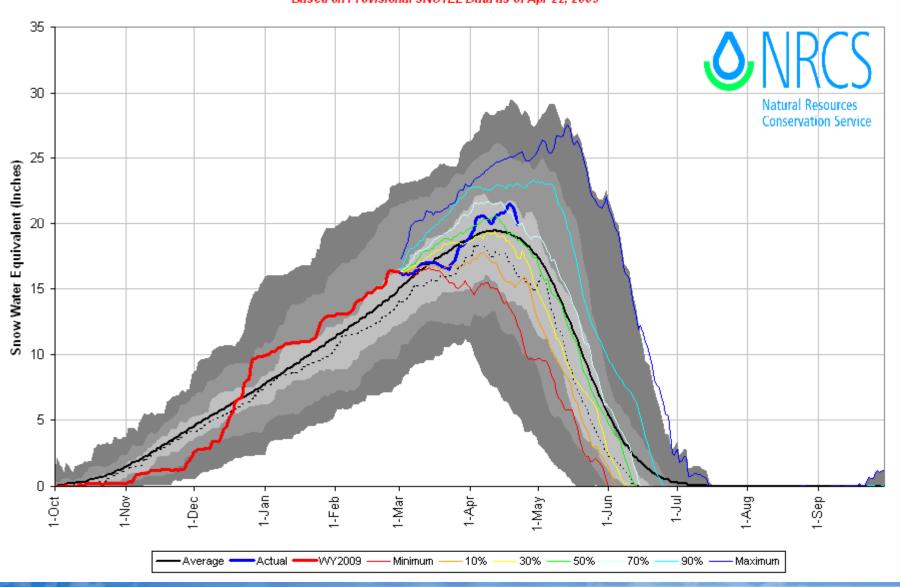
# Gunnison River Basin Snowpack Map



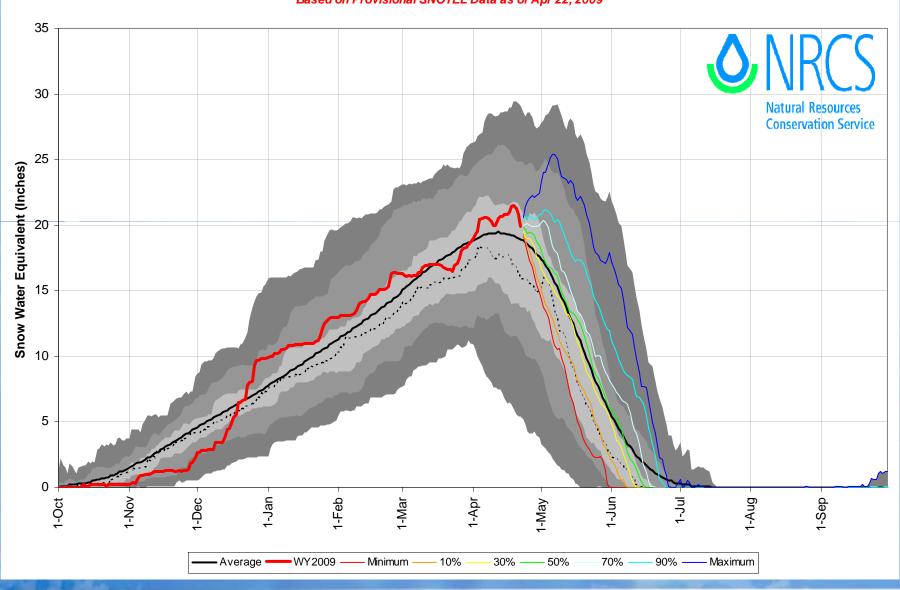
April 1 Total Gunnison River Basin Snowpack



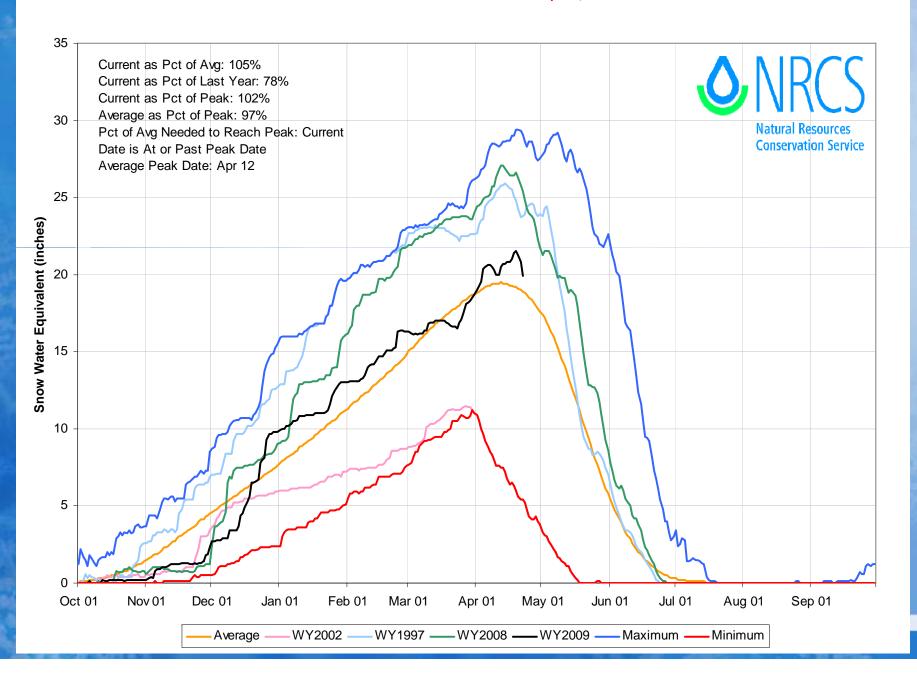
### Gunnison River Basin with Non-Exceedence Projections



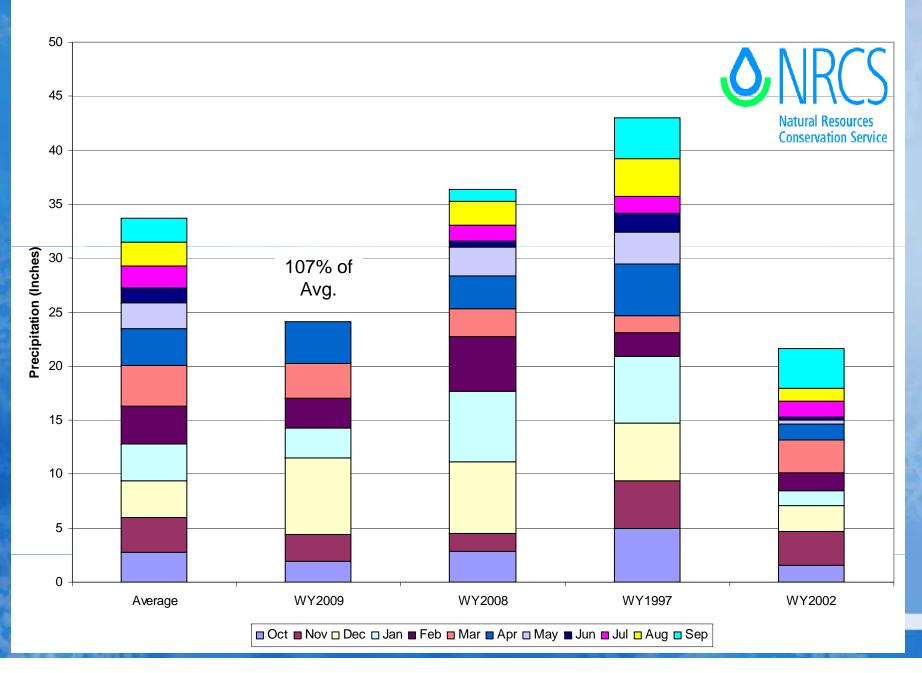
### **Gunnison River Basin with Non-Exceedence Projections**



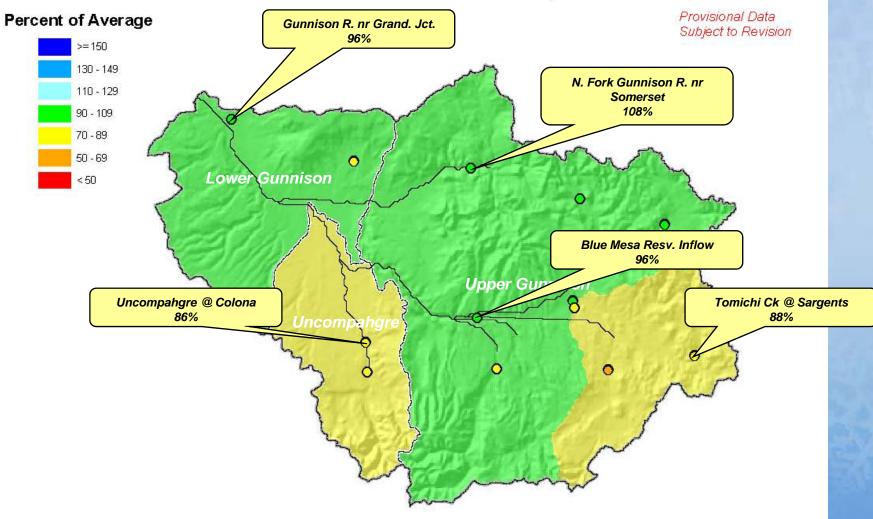
#### **Gunnison River Basin High/Low Snowpack Summary**

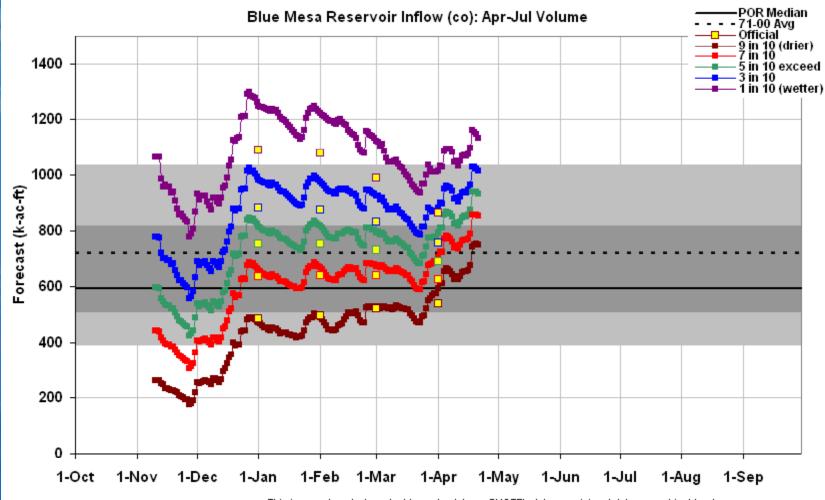


### **Gunnison River Basin High/Low Monthly Precipitation Summary**









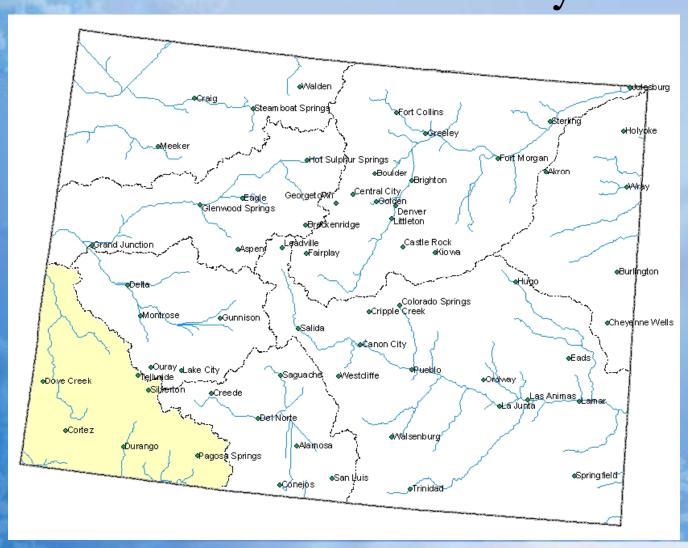
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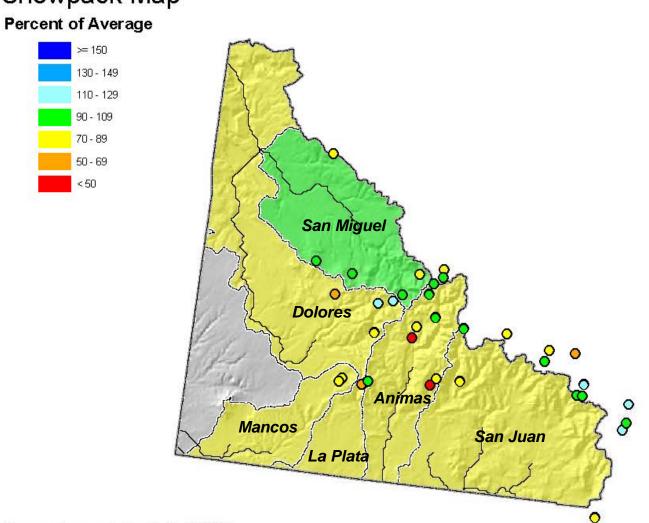
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# San Miguel, Dolores, Animas & San Juan River Basins Summary

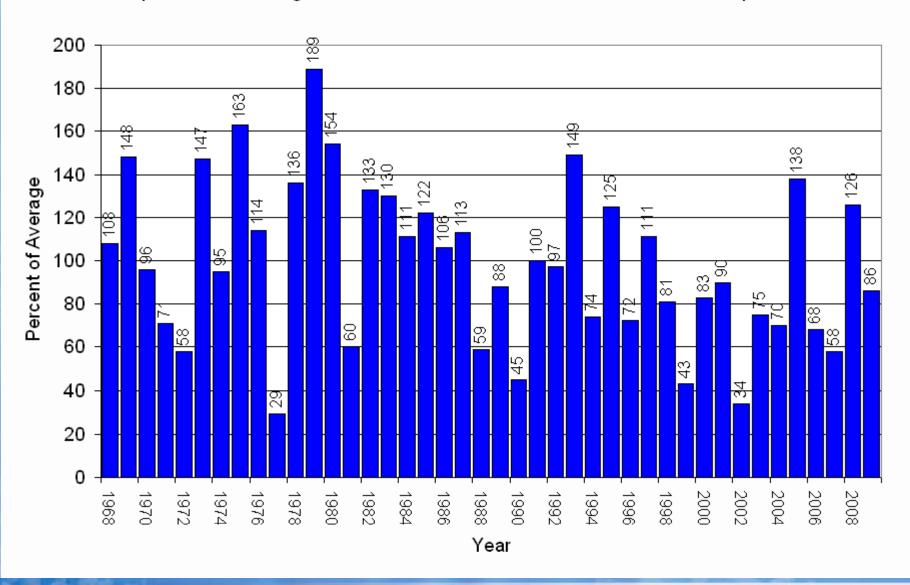


## San Miguel, Dolores, Animas and San Juan River Basins Snowpack Map

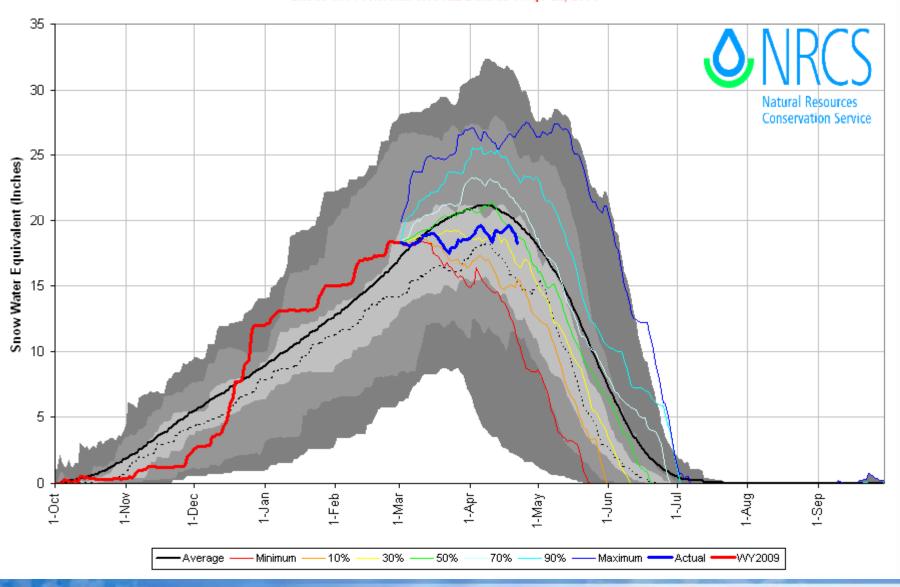


Provisional Data Subject to Revision

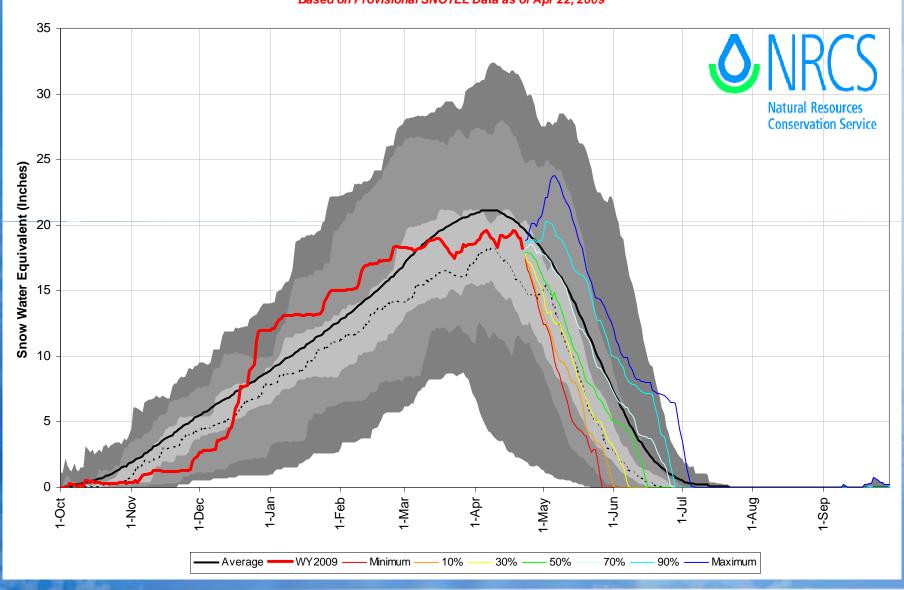
April 1 Total San Miguel, Dolores, Animas & San Juan River Basins Snowpack



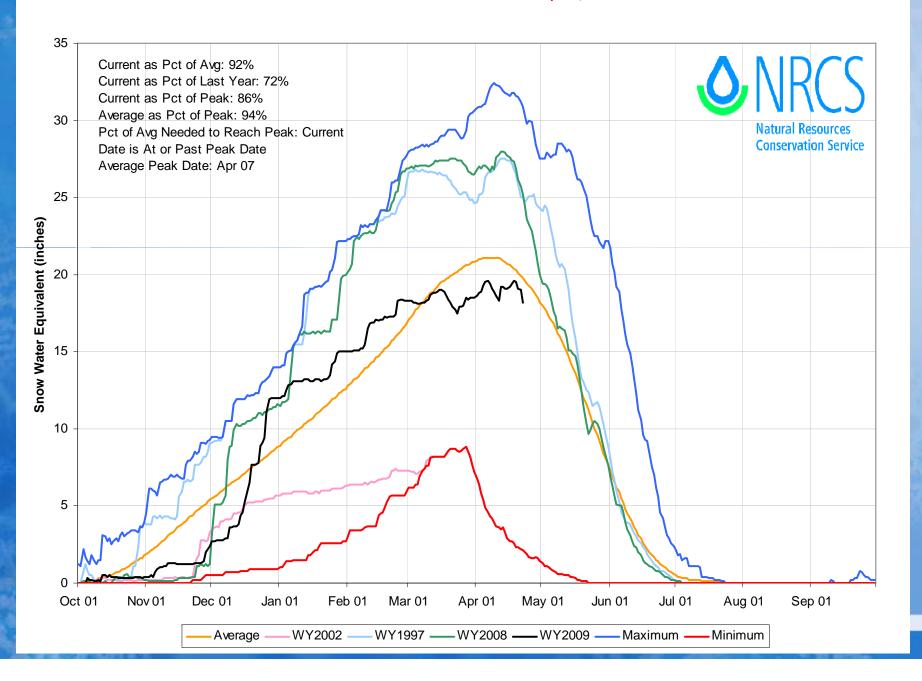
### San Miguel, Dolores, Animas & San Juan River Basins with Non-Exceedence Projections



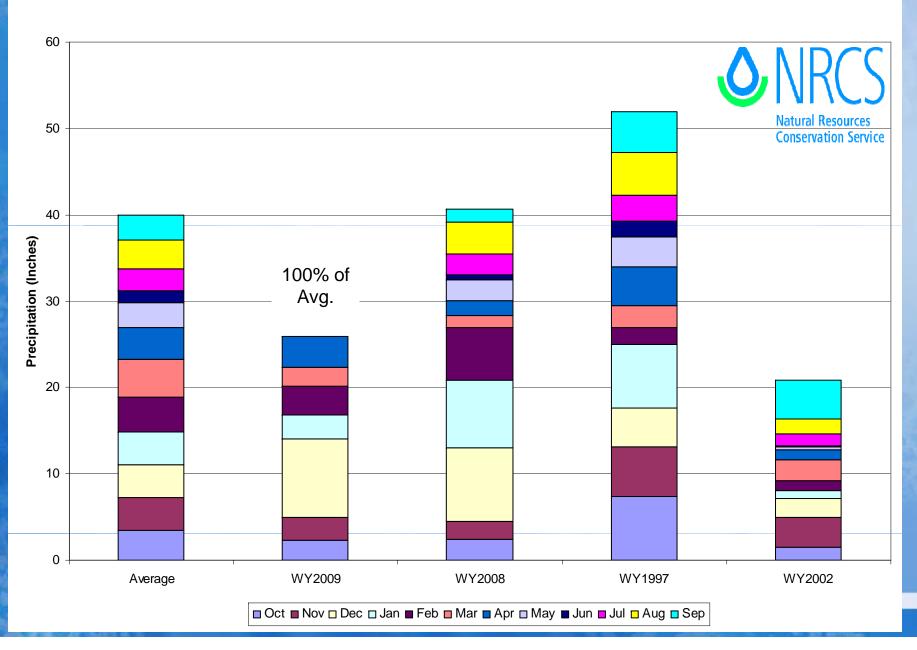
### San Miguel, Dolores, Animas & San Juan River Basins with Non-Exceedence Projections



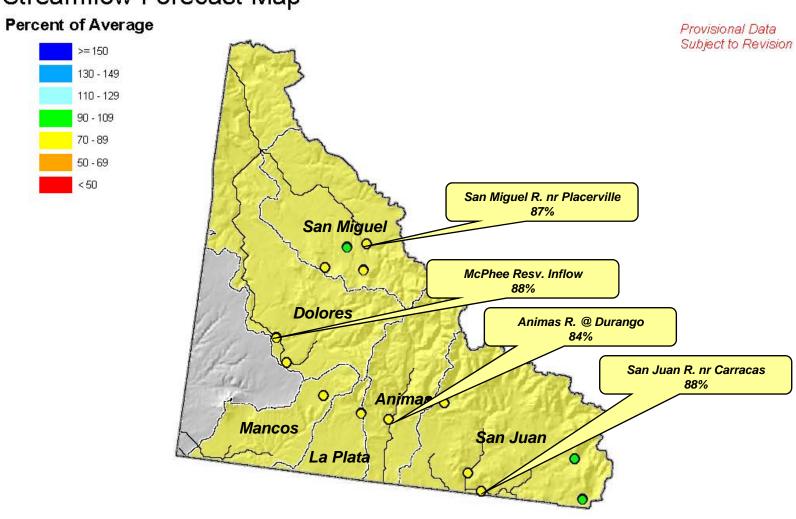
### San Miguel, Dolores, Animas & San Juan River Basins High/Low Snowpack Summary

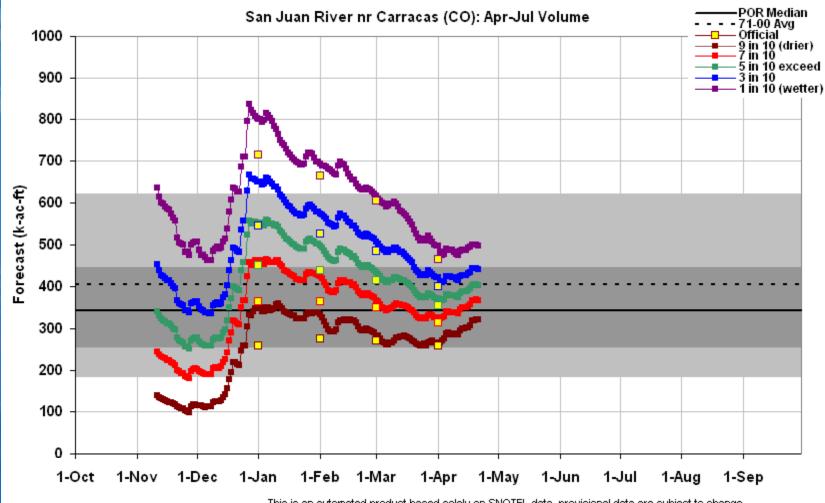


### San Miguel, Dolores, Animas and San Juan River Basins High/Low Monthly Precipitation Summary



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





Created 12:10 Apr 21 2009

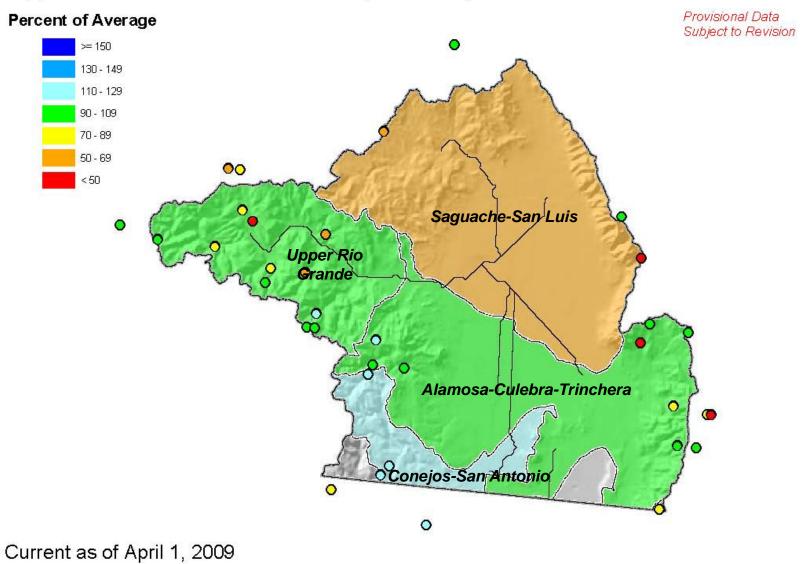


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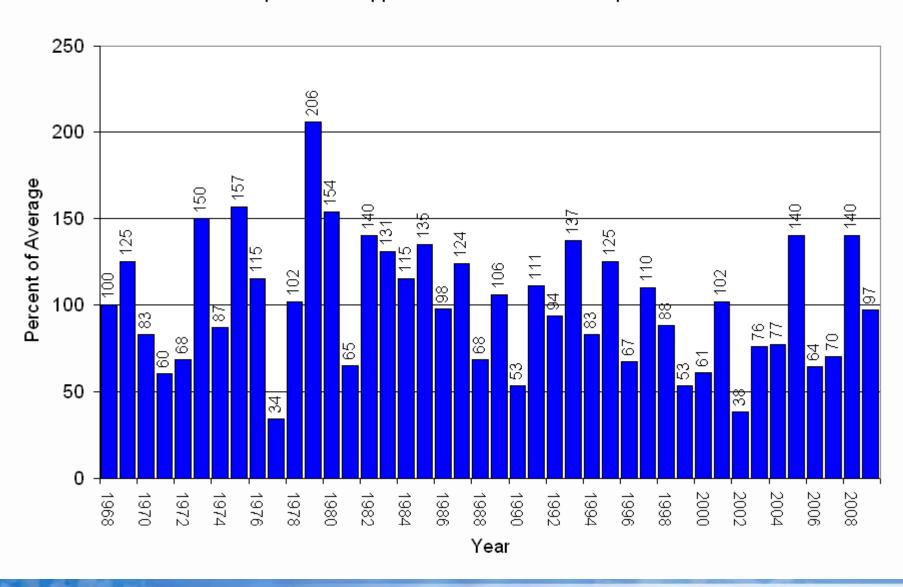
## Upper Rio Grande Basin Summary



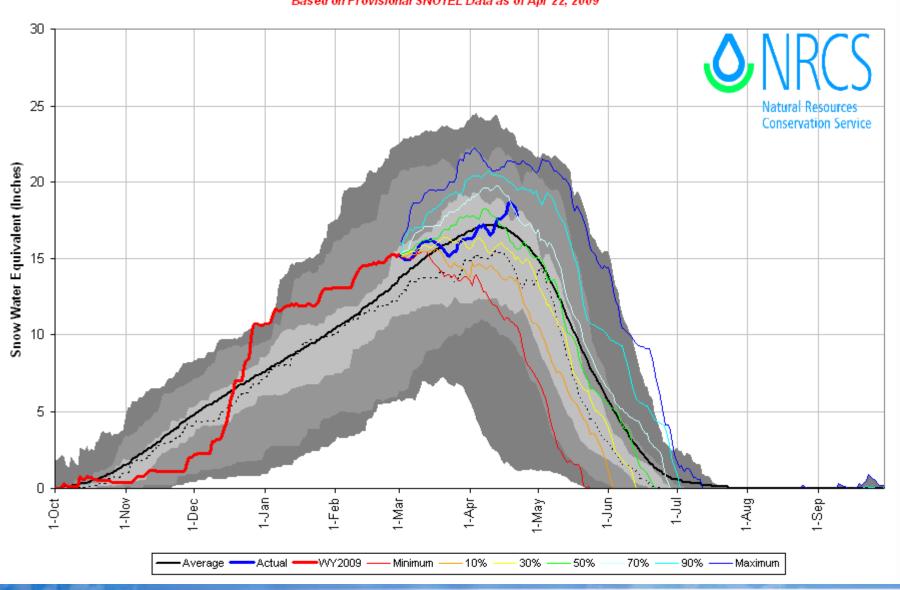
## Upper Rio Grande Basin Snowpack Map



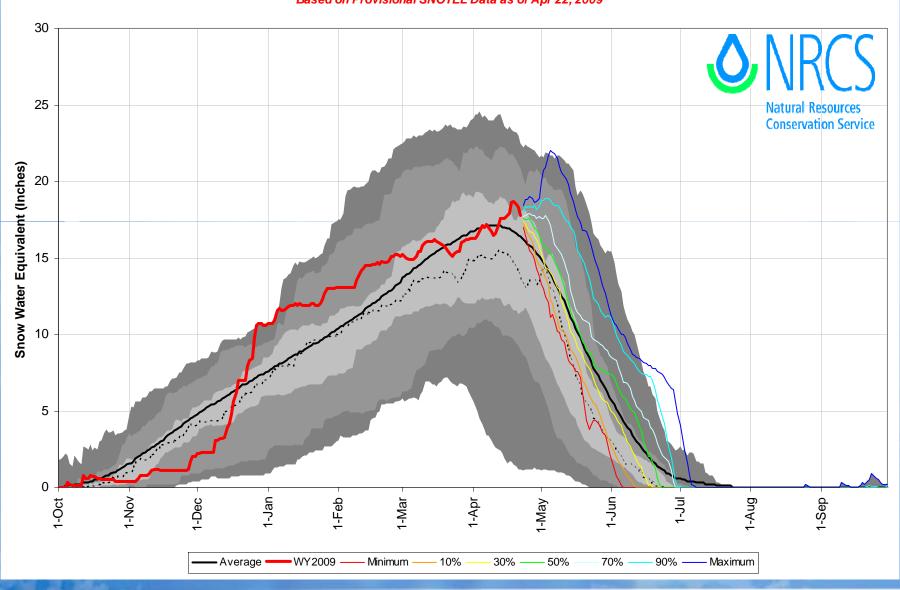
April 1 Total Upper Rio Grande Basin Snowpack



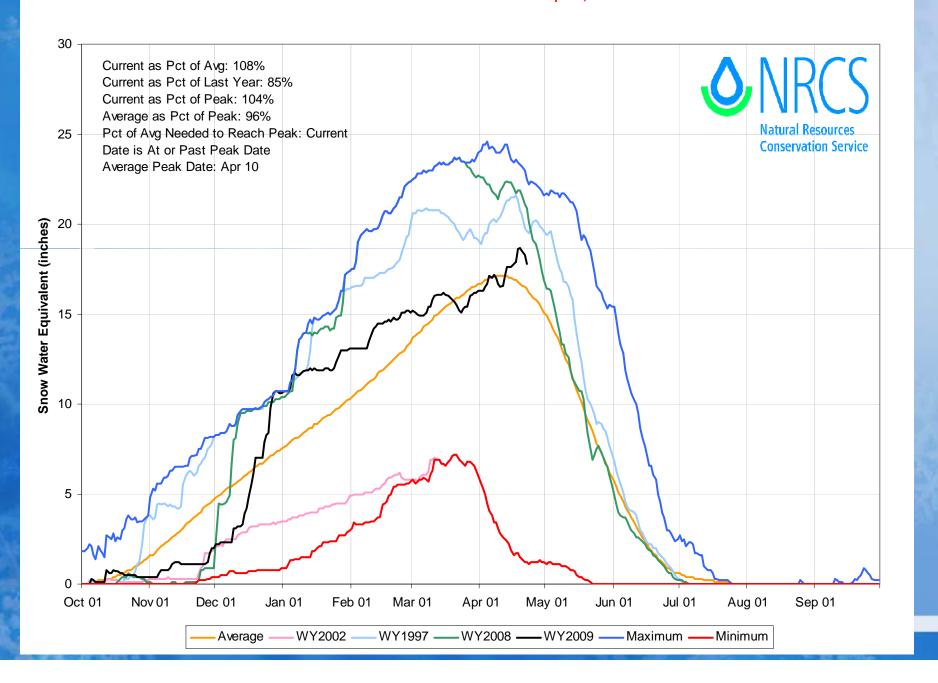
### Upper Rio Grande Basin with Non-Exceedence Projections



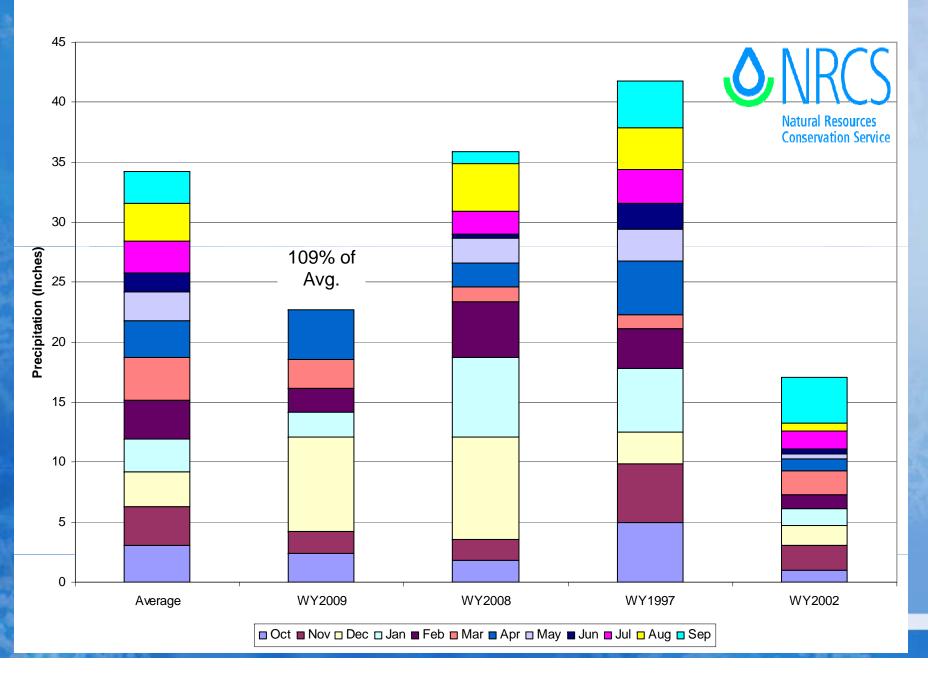
### **Upper Rio Grande Basin with Non-Exceedence Projections**

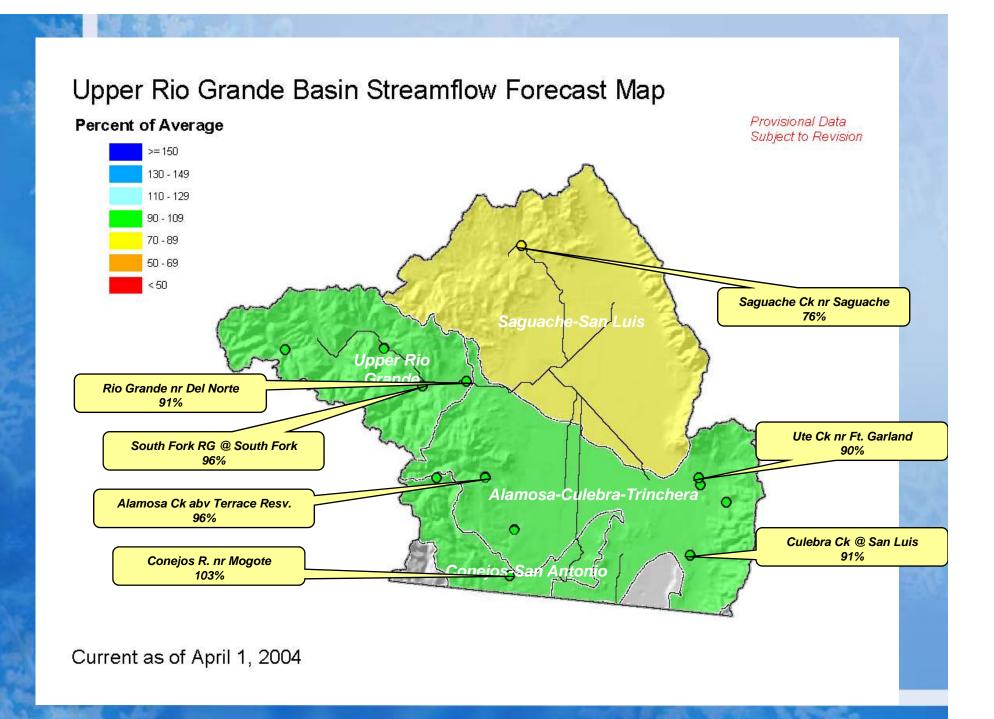


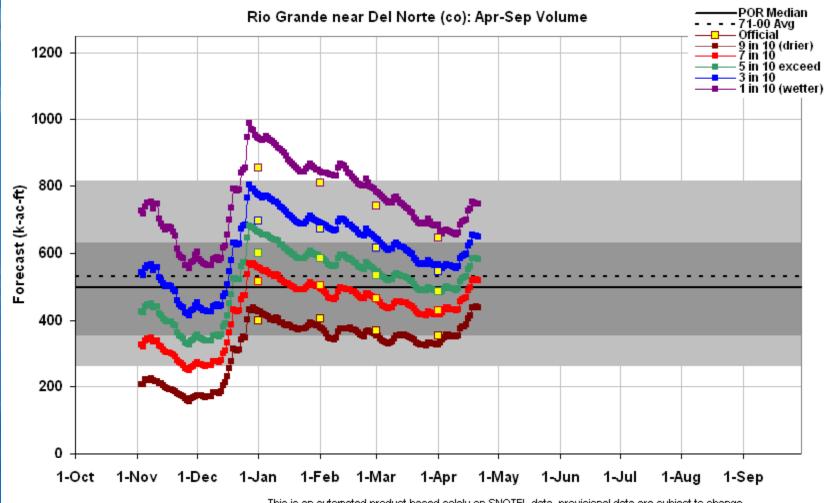
### **Upper Rio Grande Basin High/Low Snowpack Summary**



### **Upper Rio Grande Basin High/Low Monthly Precipitation Summary**







Created 11:54 Apr 21 2009

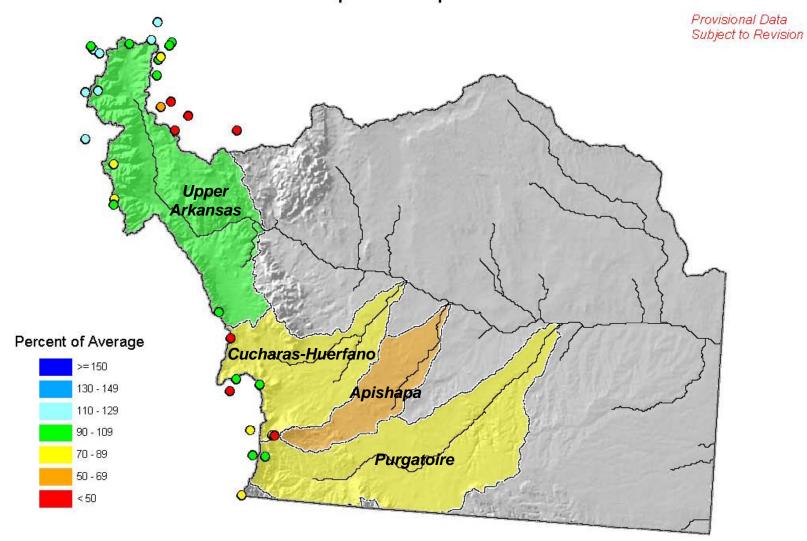


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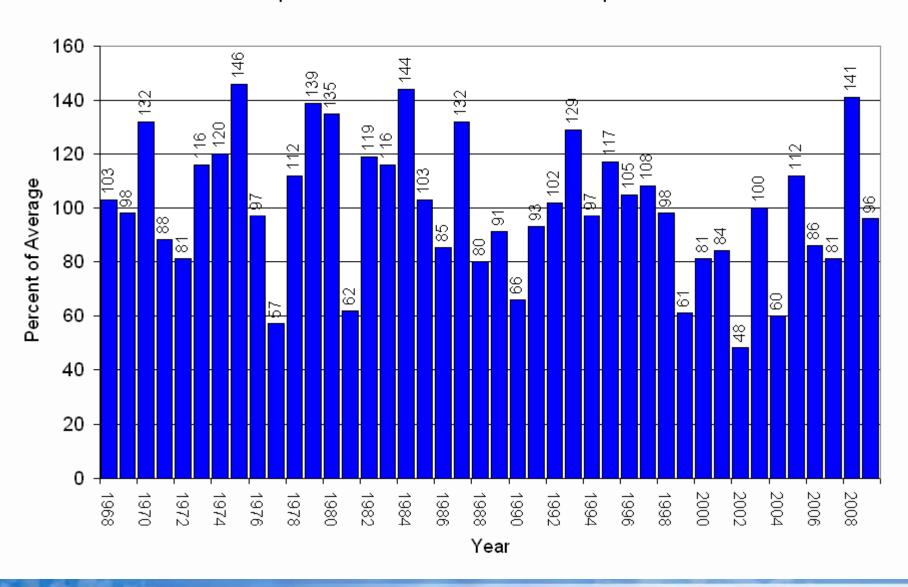
## Arkansas River Basin Summary



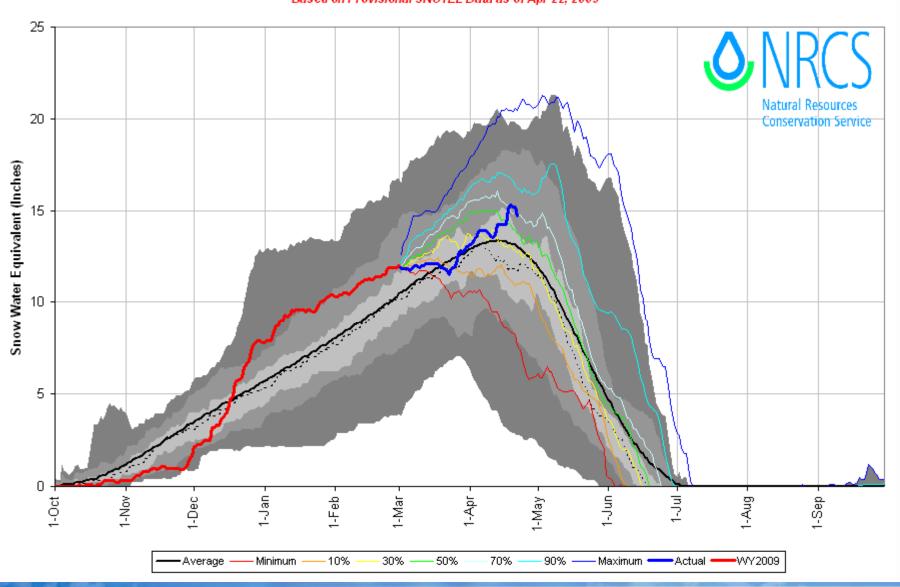
## Arkansas River Basin Snowpack Map



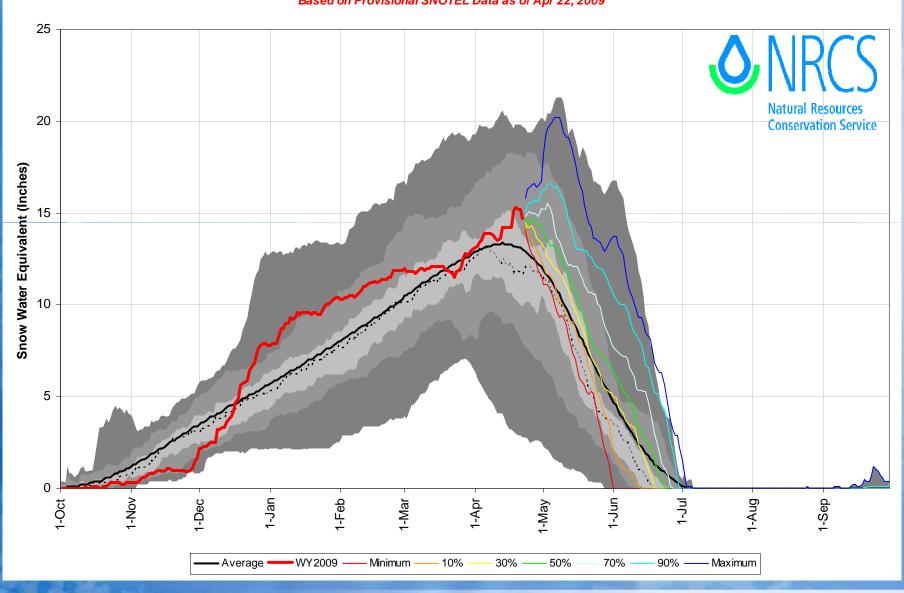
April 1 Total Arkansas River Basin Snowpack



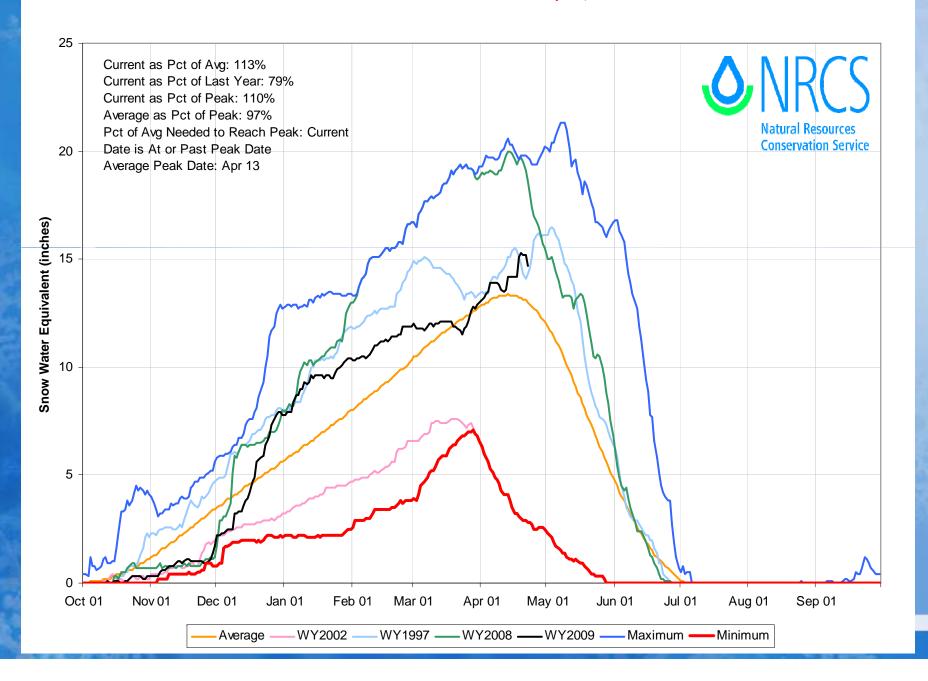
### Arkansas River Basin with Non-Exceedence Projections



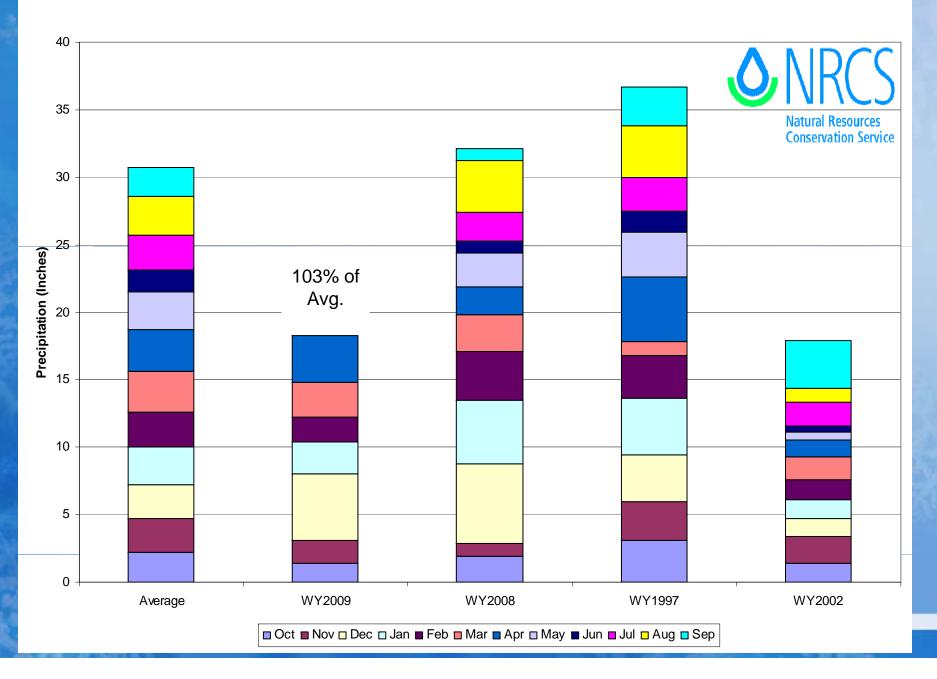
### **Arkansas River Basin with Non-Exceedence Projections**



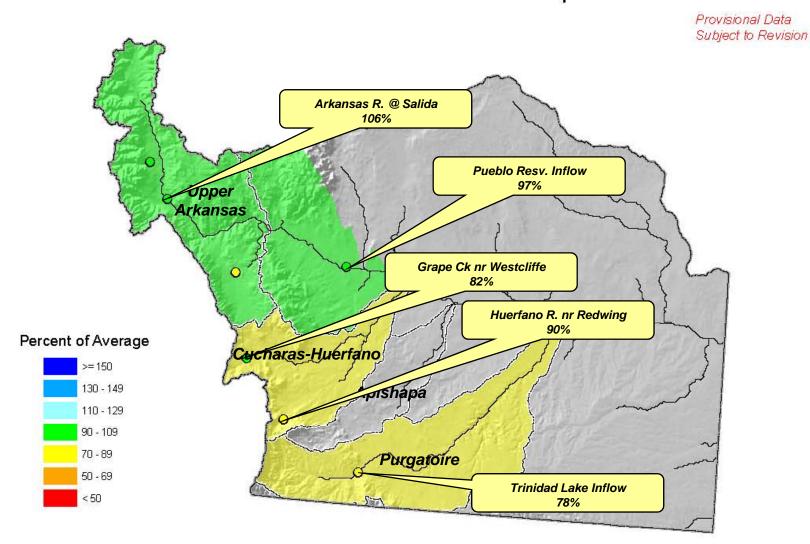
### **Arkansas River Basin High/Low Snowpack Summary**

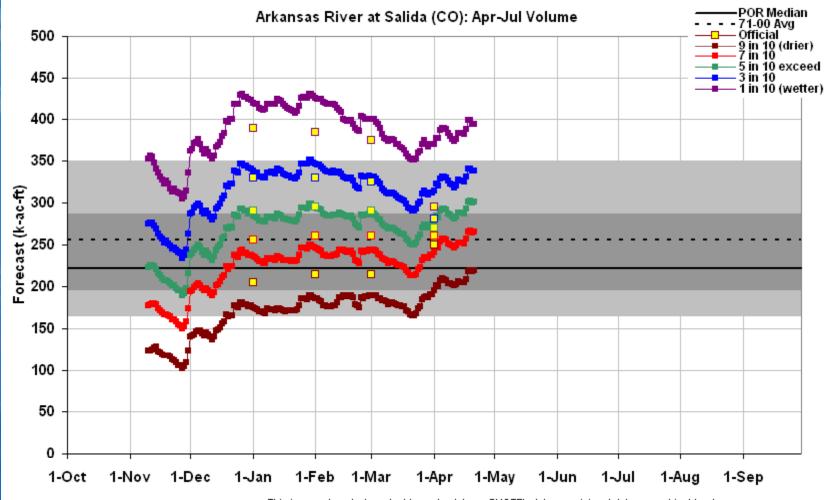


### **Arkansas River Basin High/Low Monthly Precipitation Summary**



## Arkansas River Basin Streamflow Forecast Map



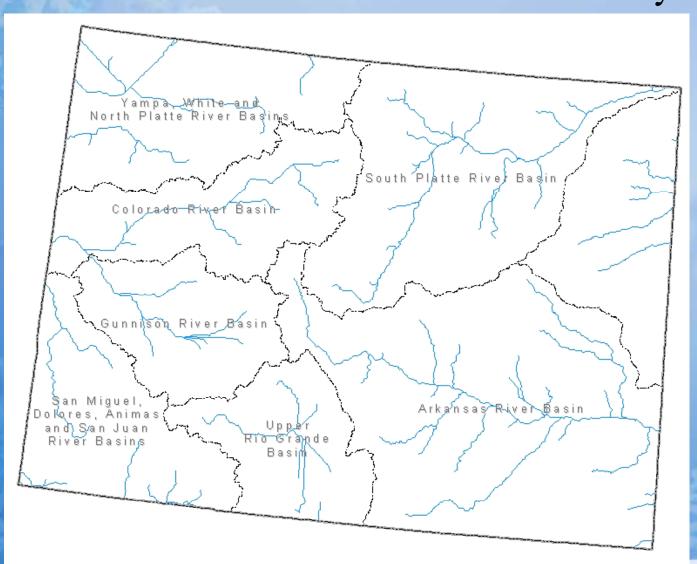


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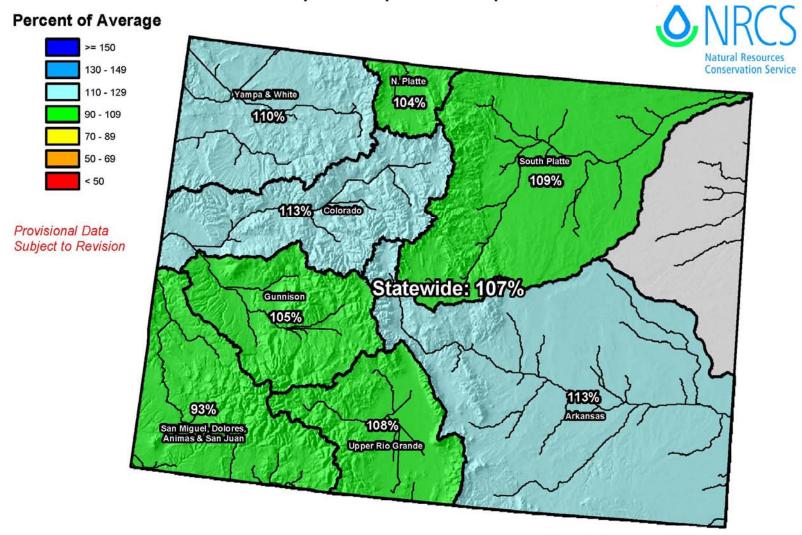


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# Colorado Statewide Summary

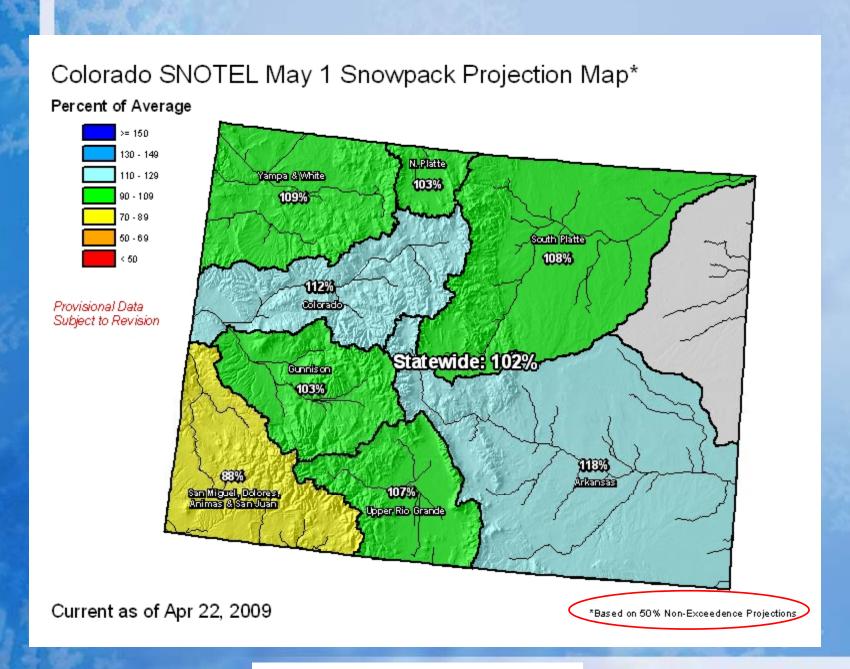


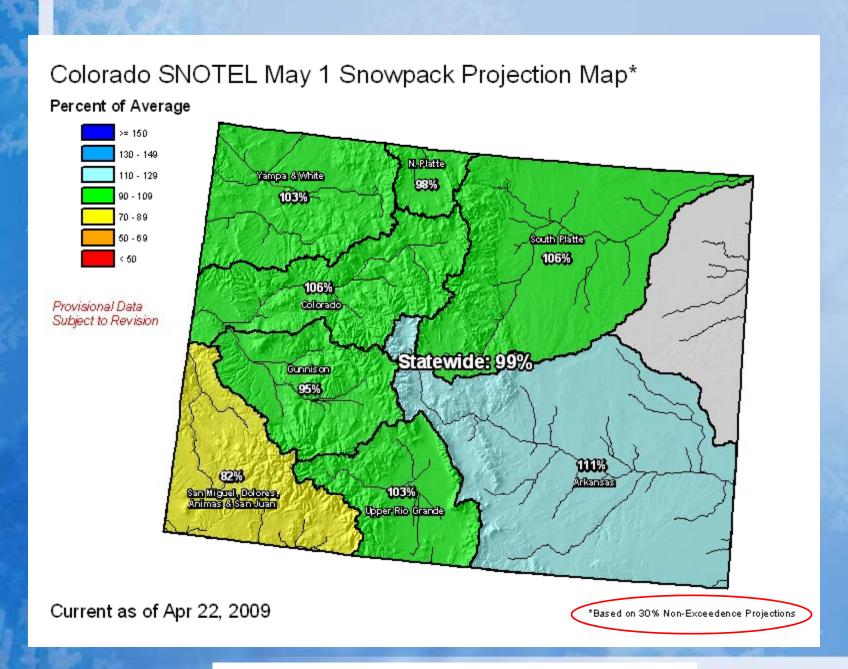
## Colorado SNOTEL Snowpack Update Map

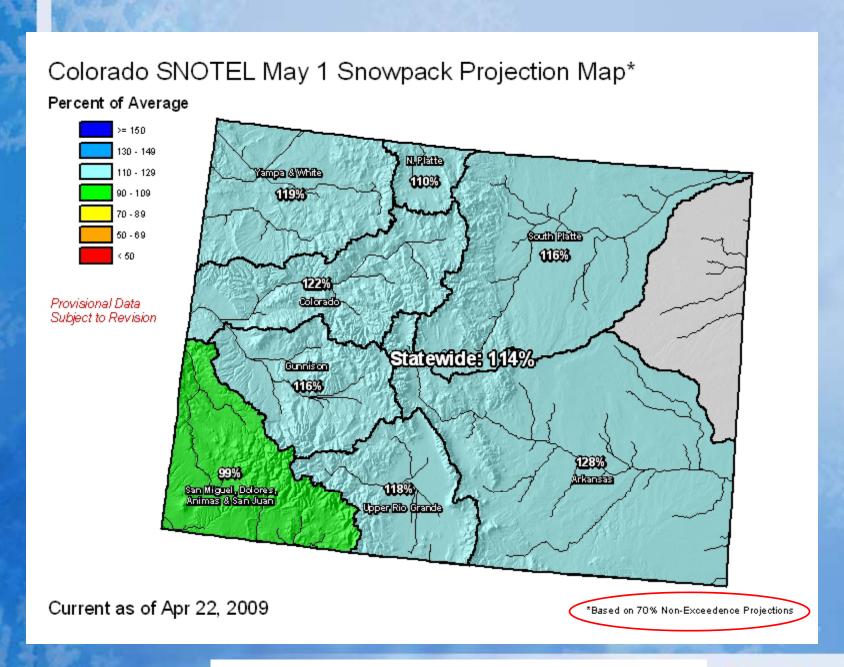


Current as of Apr 22, 2009

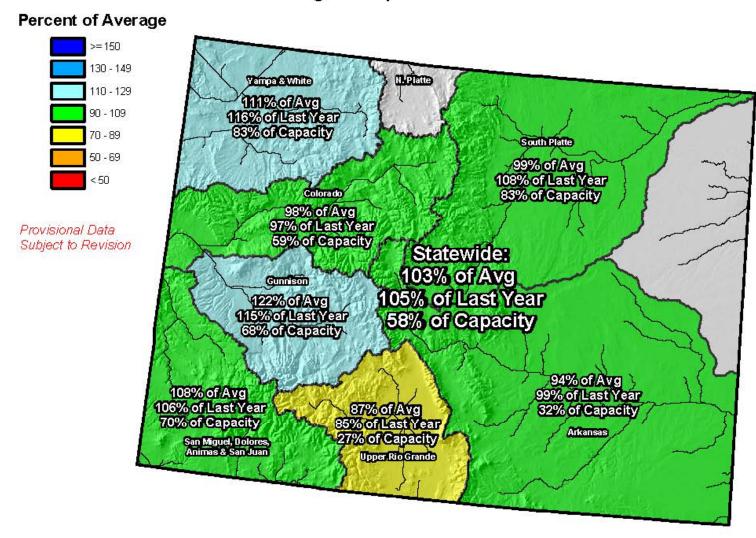
\*Data may not provide a valid measure of conditions





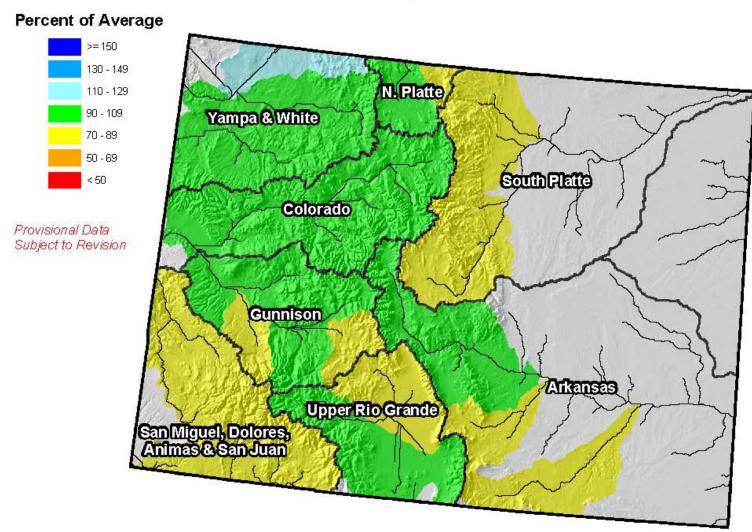


### Colorado Reservoir Storage Map



End of March 2009

## Colorado Streamflow Forecast Map



## Colorado Surface Water Supply Index (SWSI) Map

