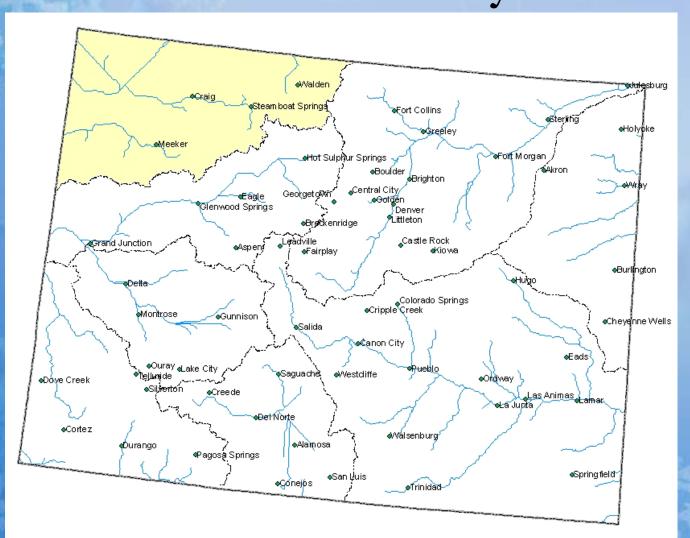
Water Availability Task Force Meeting July 23rd, 2014

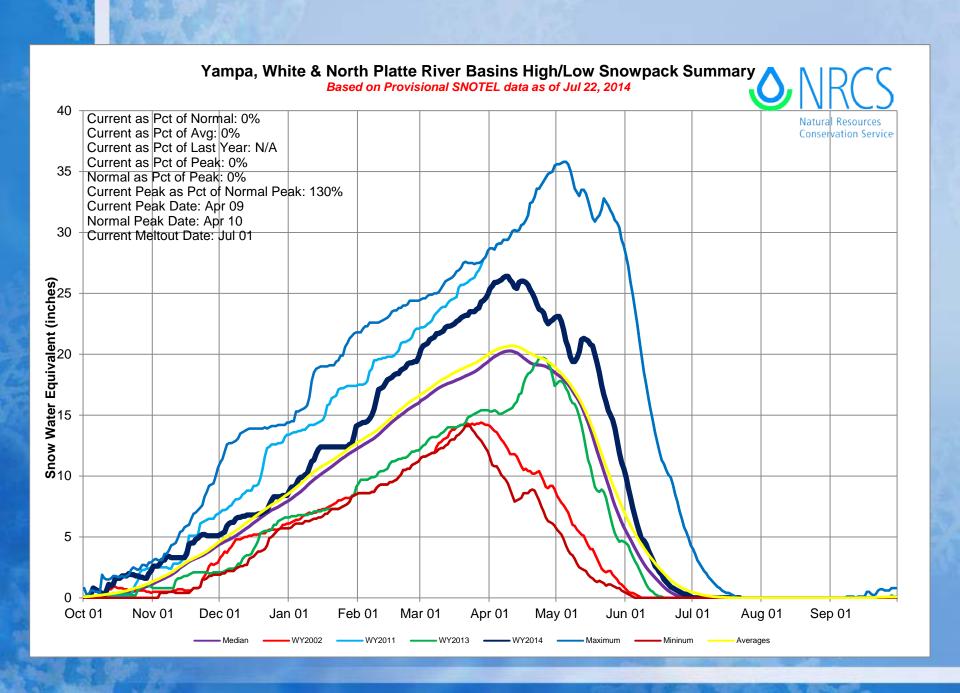
NRCS Snow Survey and Water Supply Forecasting Program

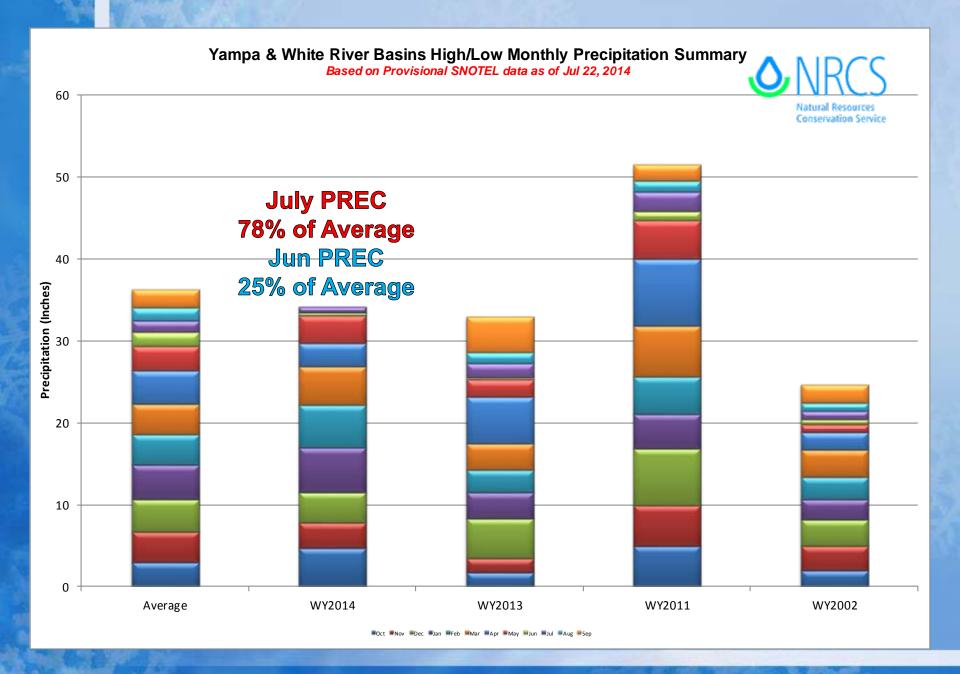
> Brian Domonkos Colorado Snow Survey Supervisor 303-524-2521

http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/

Yampa, White & North Platte River Basins Summary





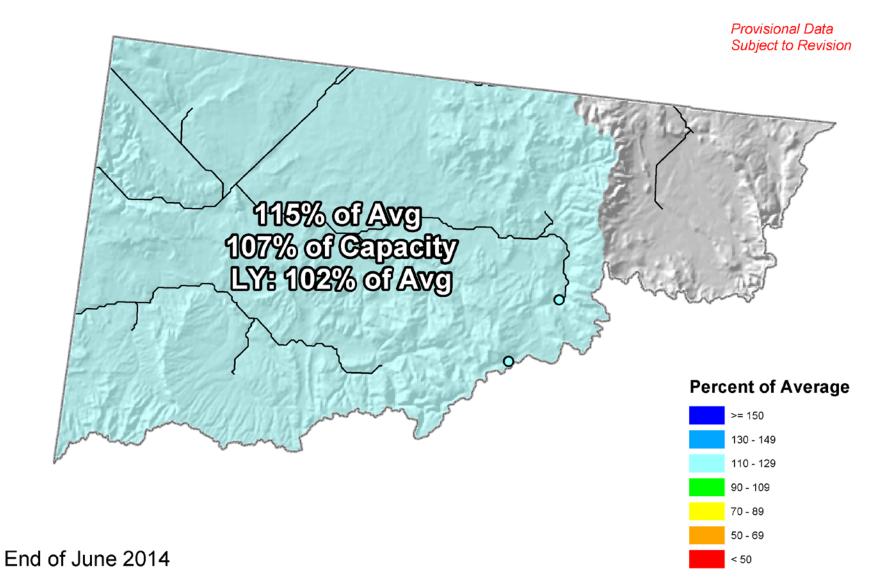


Yampa & White River Basins High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 22, 2014 60.0 Current as Pct of Average: 107% Conservation Service Current as Pct of Median: 108% Current as Pct of Last Year: 129% Current as Pct of Average Annnual Total: 94% Average as Pct of Average Annual Total: 88% 50.0 Pct of Avg Needed to Reach Avg Annual Total: 46% Year-to-Date Precipitation (inches) 40.0 30.0 20.0 10.0 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Jun 01 Jul 01 Sep 01 Apr 01 May 01 Aug 01

Yampa & White River Basins Reservoir Storage Map

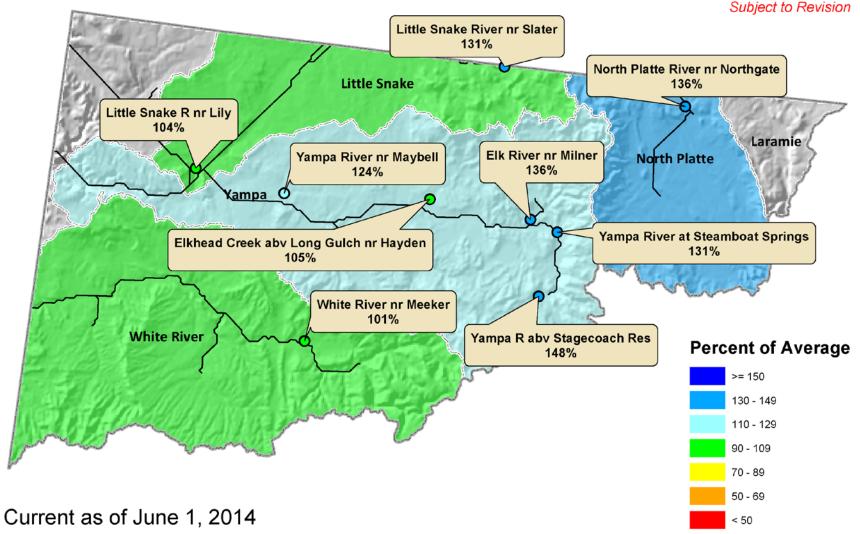




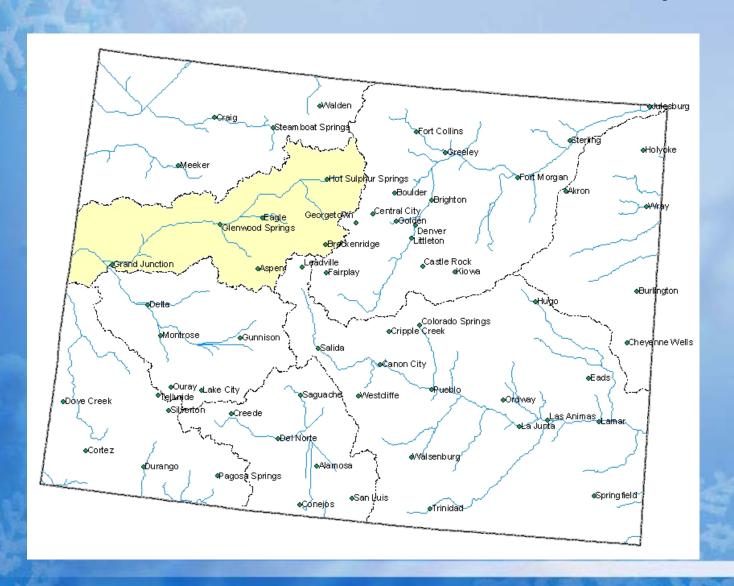
Yampa, White and North Platte River Basins Streamflow Map

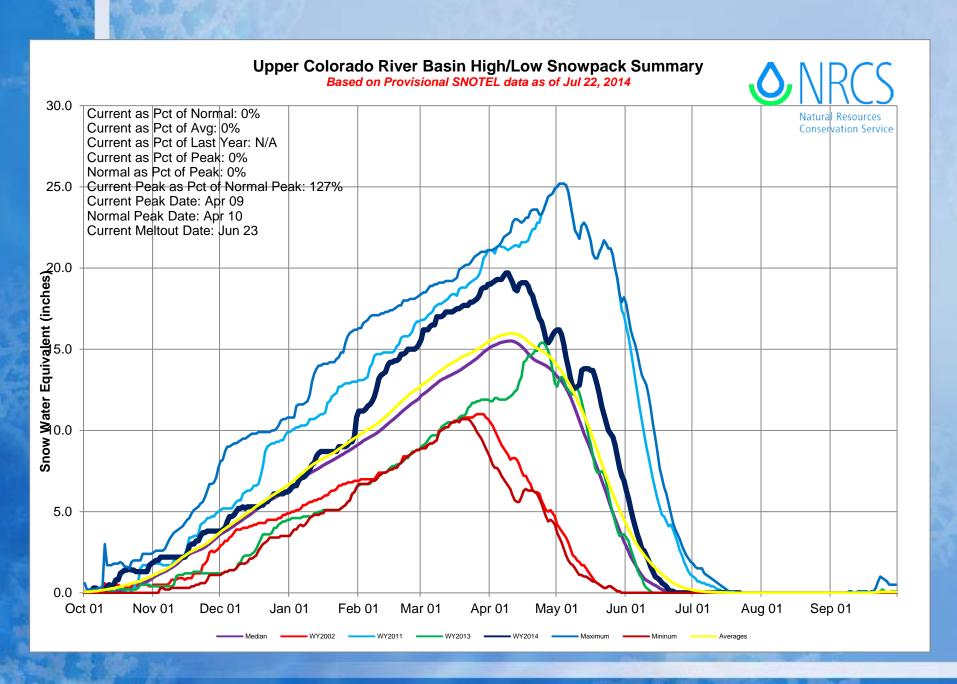


Provisional Data
Subject to Revision

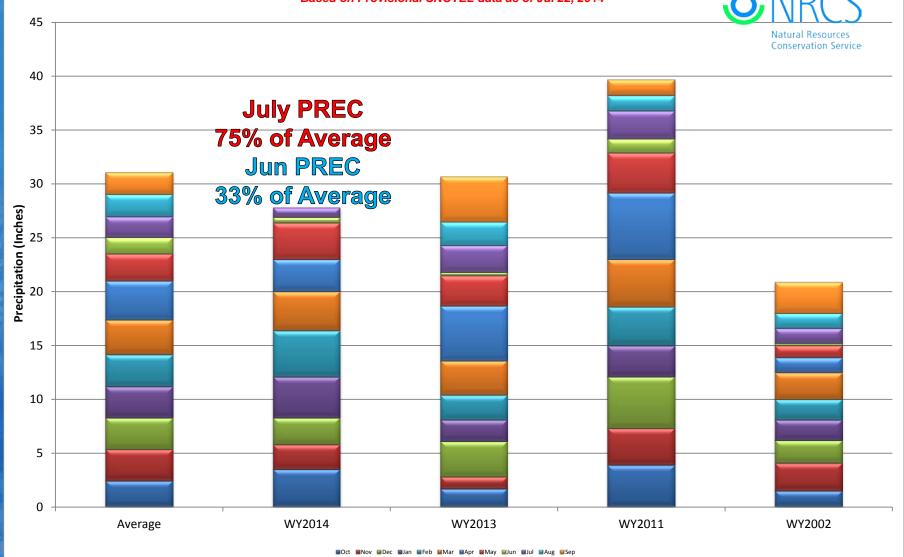


Colorado River Basin Summary









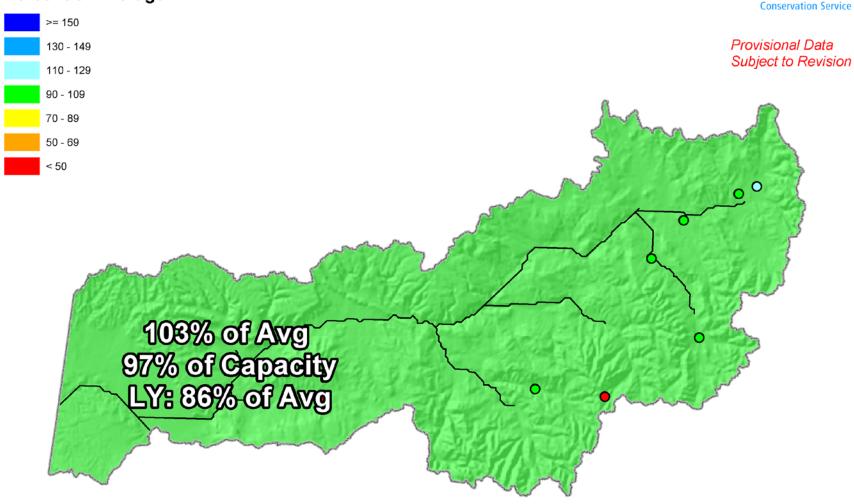
Upper Colorado River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 22, 2014 45.0 Current as Pct of Average: 106% Conservation Service Current as Pct of Median: 109% Current as Pct of Last Year: 120% Current as Pct of Average Annnual Total: 89% 40.0 Average as Pct of Average Annual Total: 84% Pct of Avg Needed to Reach Avg Annual Total: 67% 35.0 Year-to-Date Precipitation (inches) 30.0 25.0 20.0 15.0 10.0 5.0 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Jun 01 Jul 01 Sep 01 Apr 01 May 01 Aug 01

Colorado River Basin Reservoir Storage Map

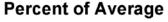


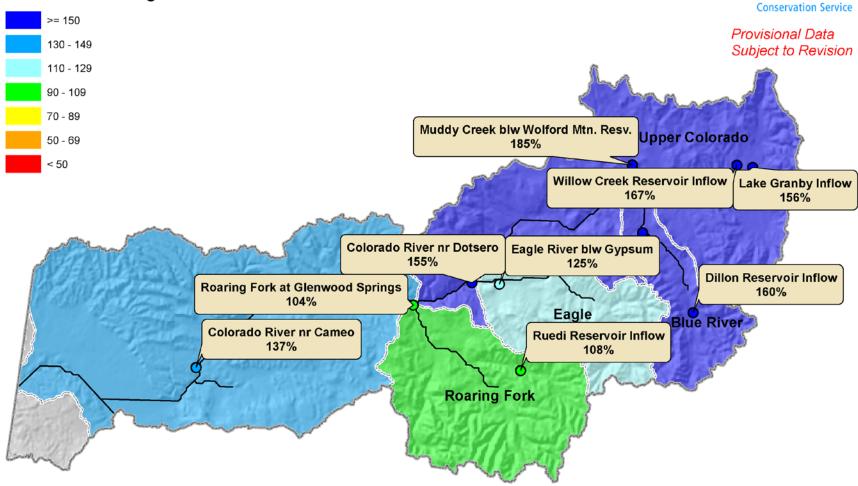
Percent of Average



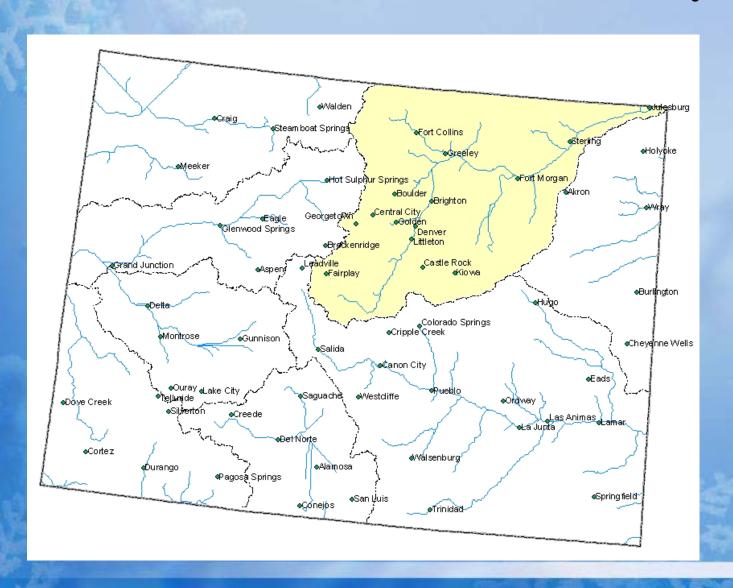
Colorado River Basin Streamflow Forecast Map

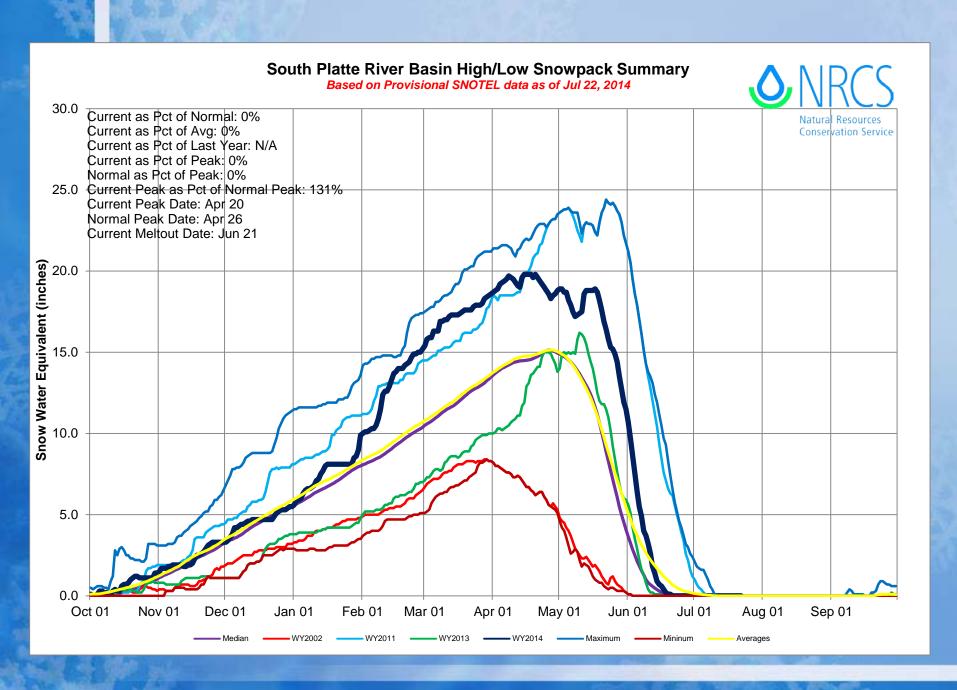




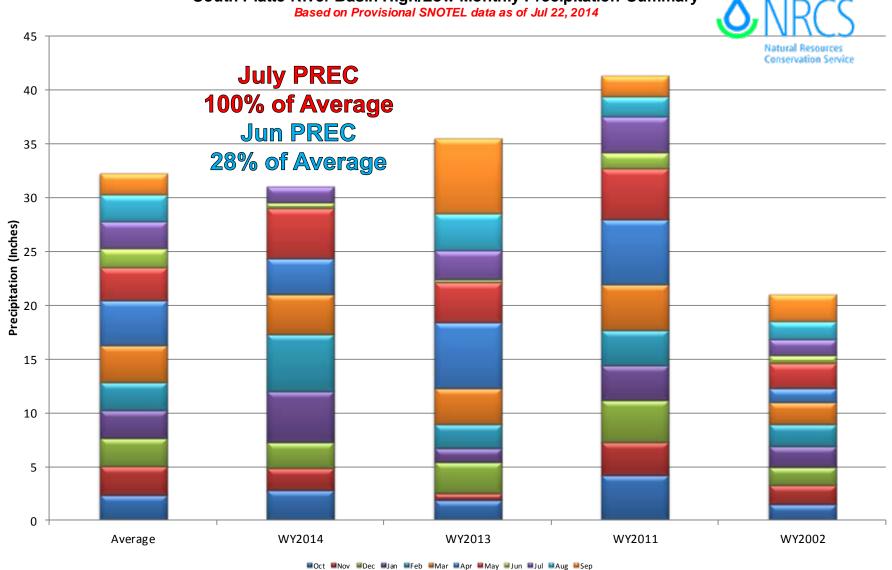


South Platte River Basin Summary







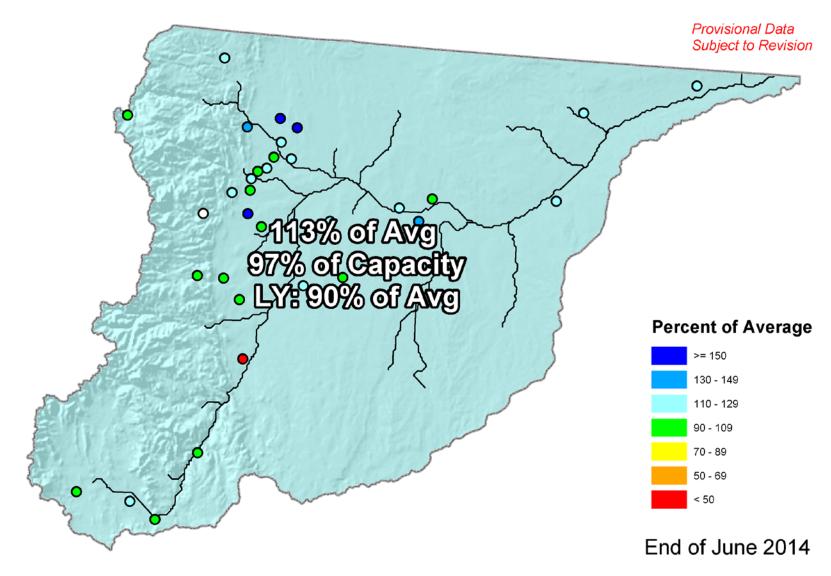


South Platte River Basin High/Low Year-to-Date Precipitation Summary

Based on Provisional SNOTEL data as of Jul 22, 2014 45.0 Current as Pct of Average: 116% Conservation Service Current as Pct of Median: 117% Current as Pct of Last Year: 128% 40.0 Current as Pct of Average Annnual Total: 96% Average as Pct of Average Annual Total: 83% Pct of Avg Needed to Reach Avg Annual Total: 22% 35.0 30.0 Year-to-Date Precipitation (inches) 25.0 20.0 15.0 10.0 5.0 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Jun 01 **Jul 01** Sep 01 Apr 01 May 01 Aug 01 WY2002 WY2011 WY2013 Maximum

South Platte River Basin Reservoir Storage Map





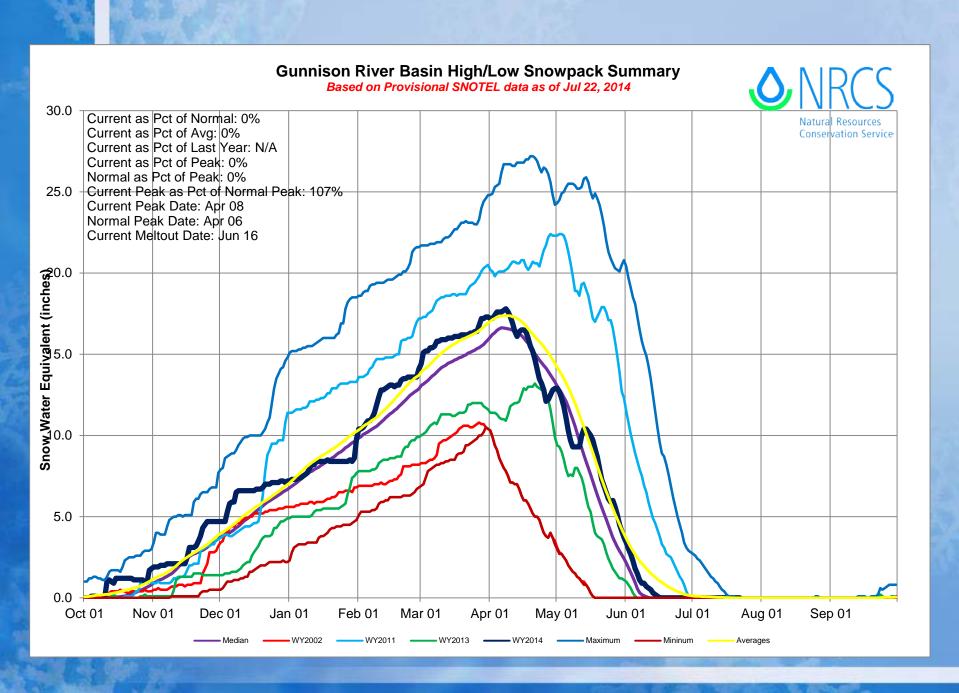
South Platte River Basin Streamflow Forecast Map Conservation Service Provisional Data Subject to Revision Cache La Poudre at Canyon Mouth 166% Cache la Poudre Big Thompson River at mouth nr Drake 134% Big Thompson St. Vrain Creek at Lyons 157% **Boulder Creek nr Orodell** Boulder Creek & St. Vrain 136% South Boulder nr Eldorado Spgs 150% **Clear Creek** Bear Creek abv Evergreen **Percent of Average** 99% >= 150 130 - 149 South Platte River at South Platte **South Platte Headwaters** 110 - 129 95% 90 - 109 Antero Reservoir Inflow 124% 70 - 89 Cheesman Lake Inflow 106% 50 - 69 < 50

Elevenmile Canyon Reservoir Inflow 119%

Current as of June 1, 2014

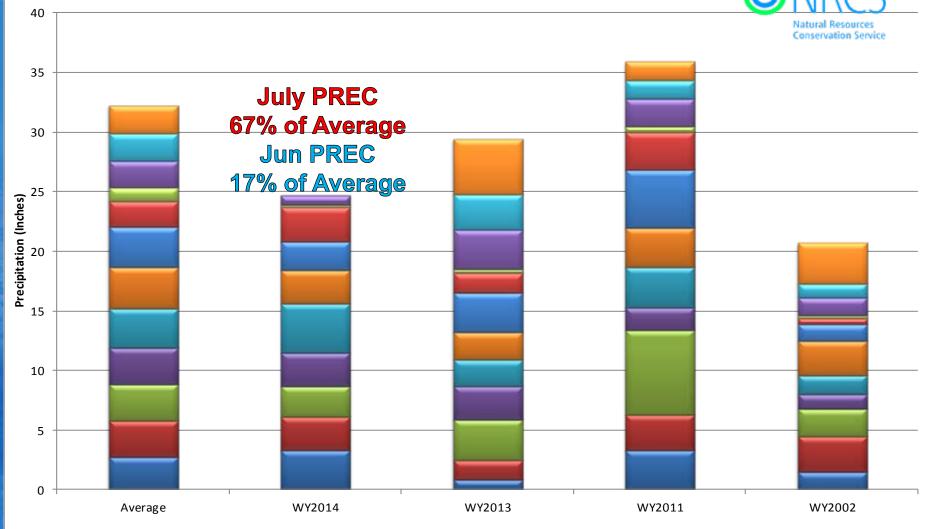
Gunnison River Basin Summary





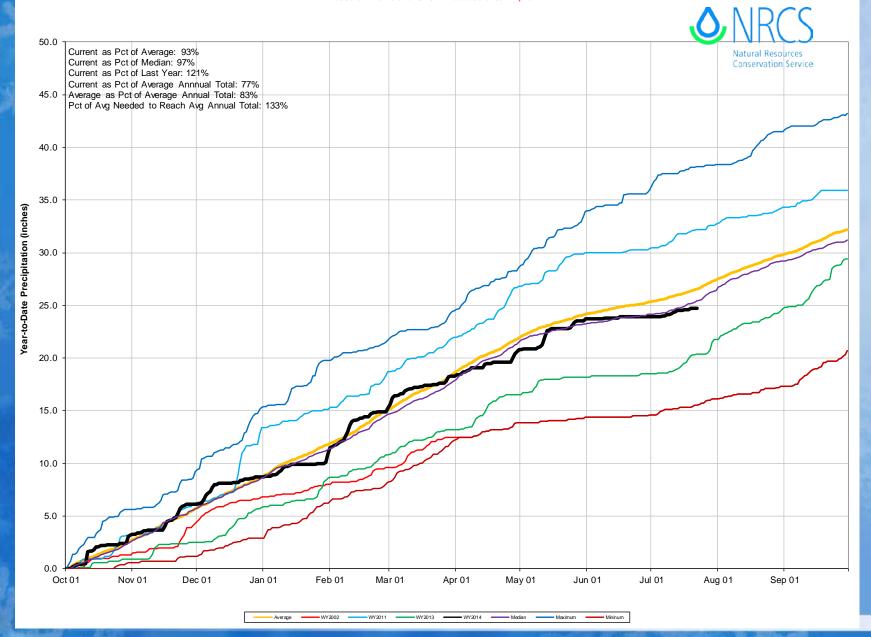
Gunnison River Basin High/Low Monthly Precipitation Summary Based on Provisional SNOTEL data as of Jul 22, 2014

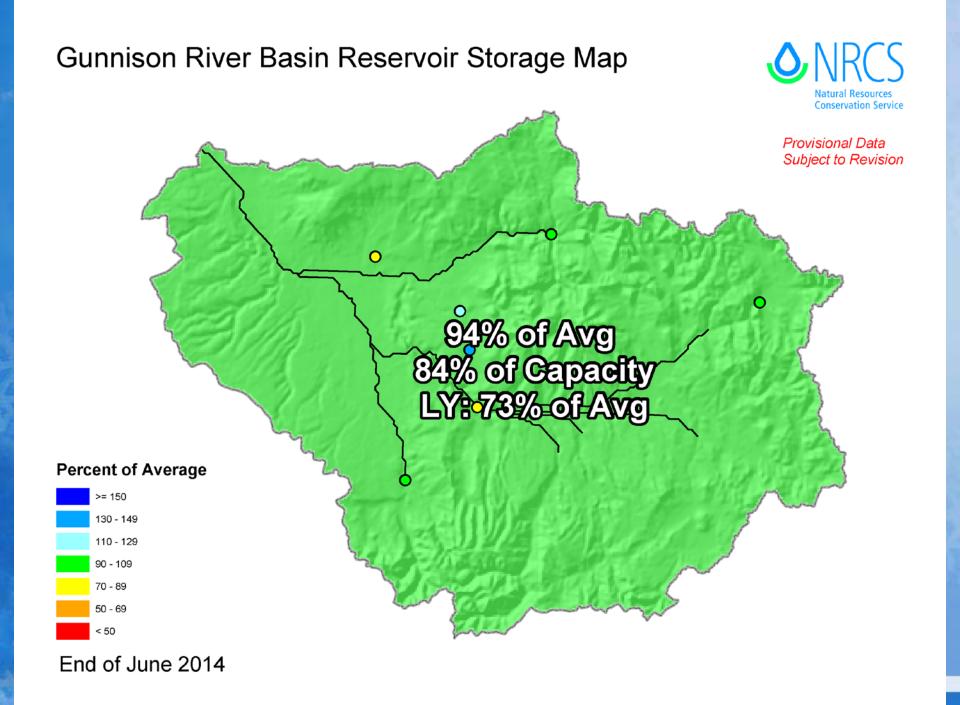




■Oct ■Nov ■Dec ■Jan ■Feb ■Mar ■Apr ■May ■Jun ■Jul ■Aug ■Sep

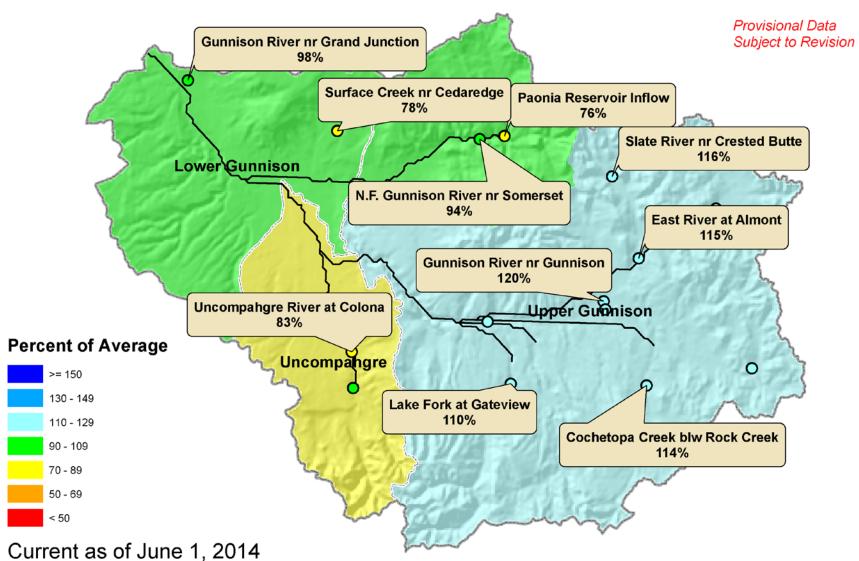
Gunnison River Basin High/Low Year-to-Date Precipitation Summary Based on Provisional SNOTEL data as of Jul 22, 2014



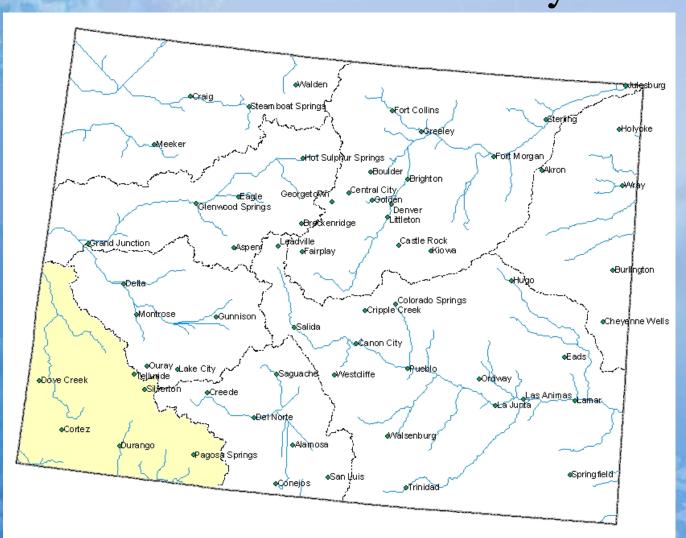


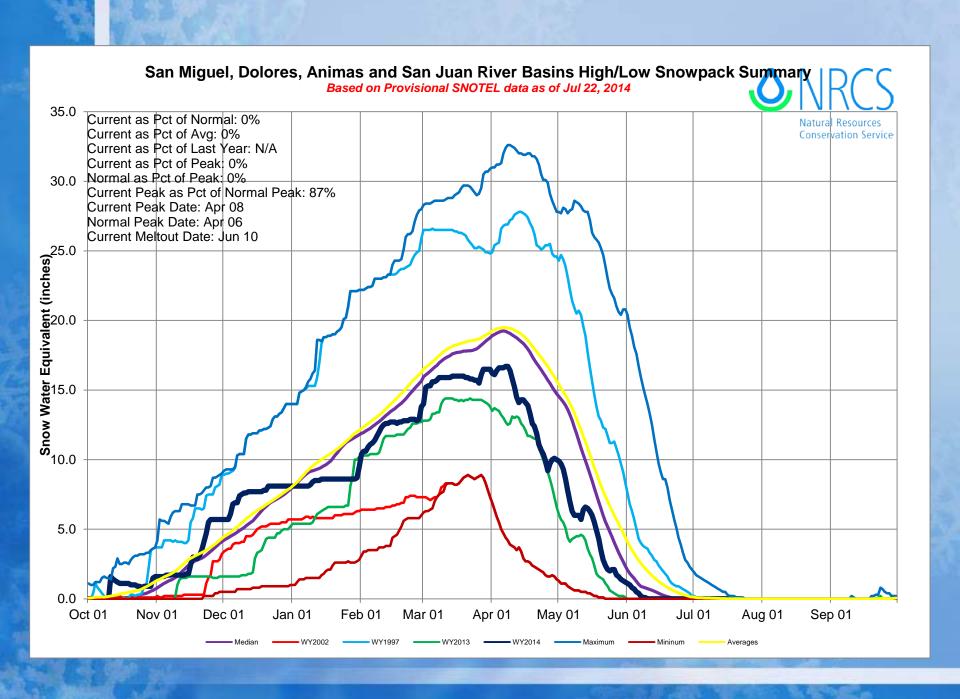
Gunnison River Basin Streamflow Forecast Map





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

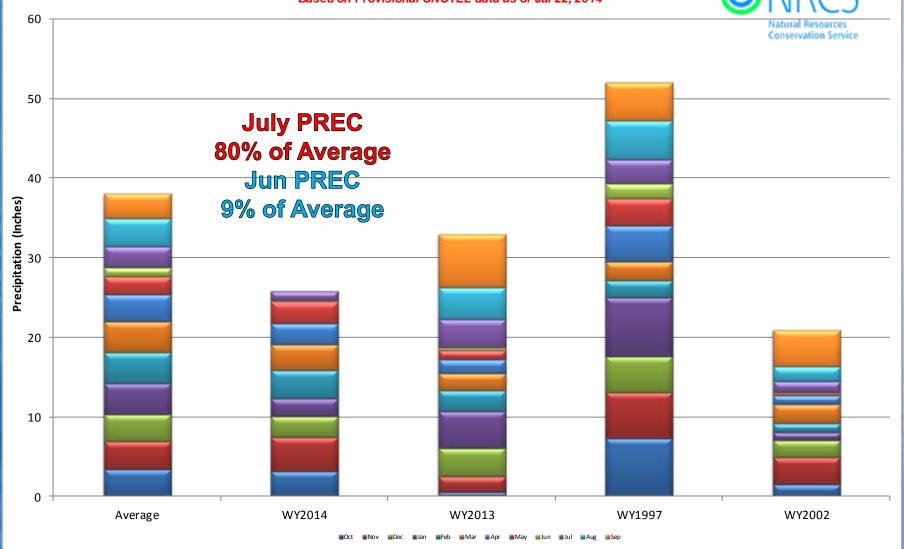




San Miguel, Dolores, Animas & San Juan River Basins High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 22, 2014





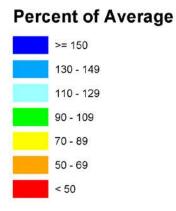
San Miguel, Dolores, Animas & San Juan River Basins **High/Low Year-to-Date Precipitation Summary** Based on Provisional SNOTEL data as of Jul 22, 2014 60.0 Current as Pct of Average: 86% Conservation Service Current as Pct of Median: 87% Current as Pct of Last Year: 125% Current as Pct of Average Annnual Total: 68% Average as Pct of Average Annual Total: 79% Pct of Avg Needed to Reach Avg Annual Total: 156% 50.0 Year-to-Date Precipitation (inches) 40.0 30.0 20.0 10.0 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Jun 01 **Jul 01** Sep 01 Apr 01 May 01 Aug 01

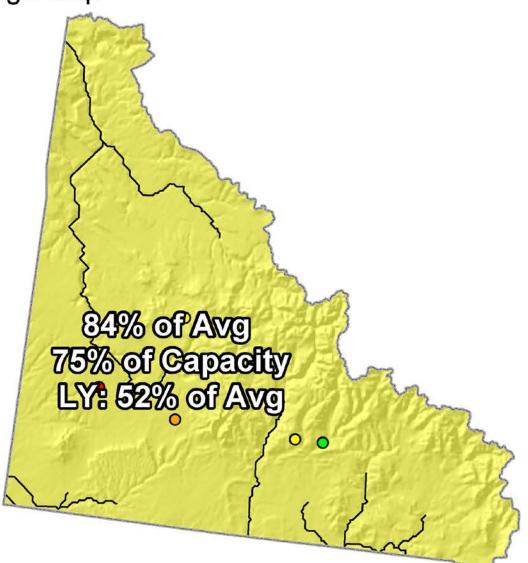
San Miguel, Dolores, Animas and San Juan River Basins

Reservoir Storage Map



Provisional Data Subject to Revision

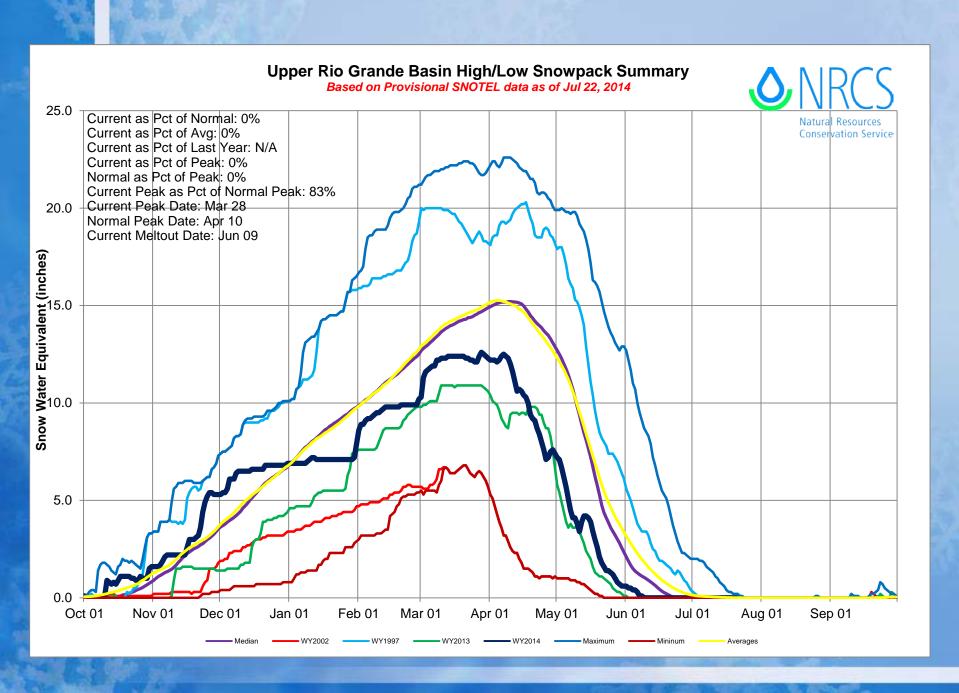




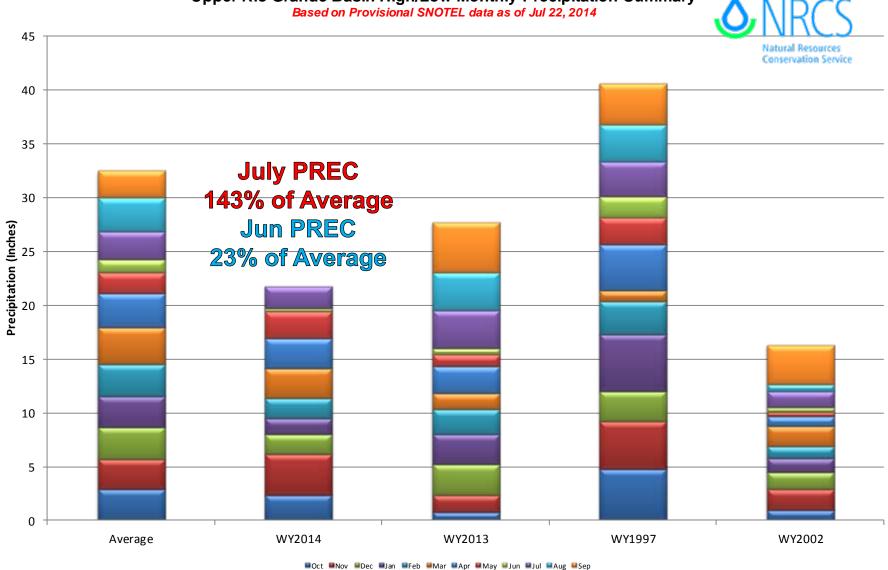
San Miguel, Dolores, Animas and San Juan River Basins Streamflow Forecast Map **Percent of Average** Conservation Service >= 150 Provisional Data 130 - 149 **Dolores** Subject to Revision 110 - 129 90 - 109 70 - 8950 - 69 < 50 San Miguel River nr Placerville 99% San Miguel McPhee Reservoir Inflow 65% **Dolores River at Dolores** 73% Animas **Mancos River nr Mancos** 46% O San Juan La Plata **Mancos** San Juan River nr Carracus 56% Navajo River at Oso Diversio **Animas River at Durango** 52% 85% Current as of June 1, 2014

Upper Rio Grande Basin Summary

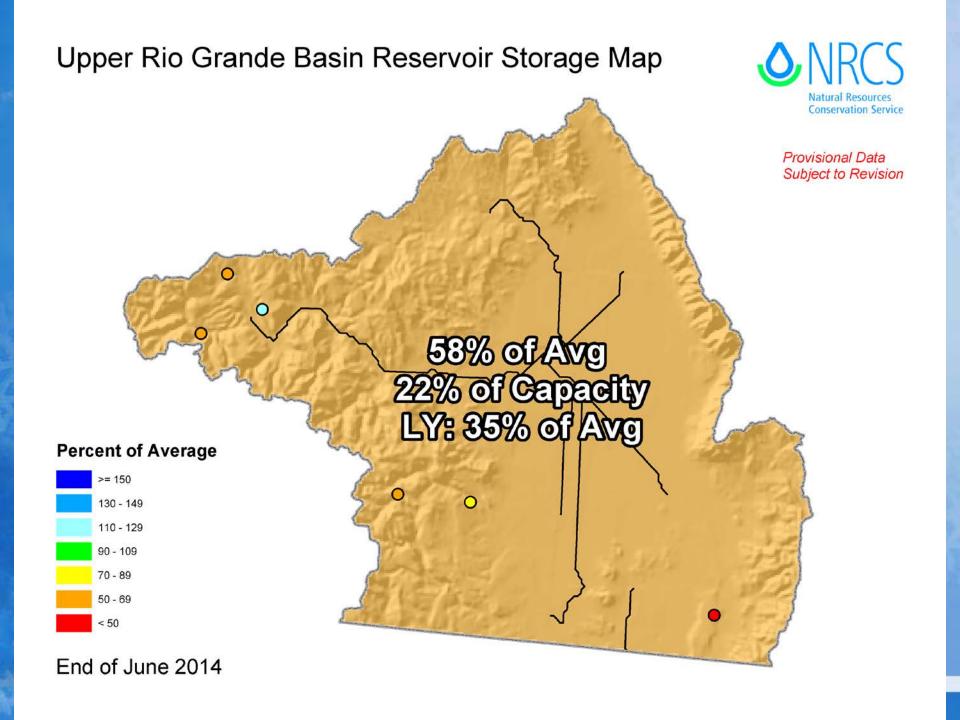


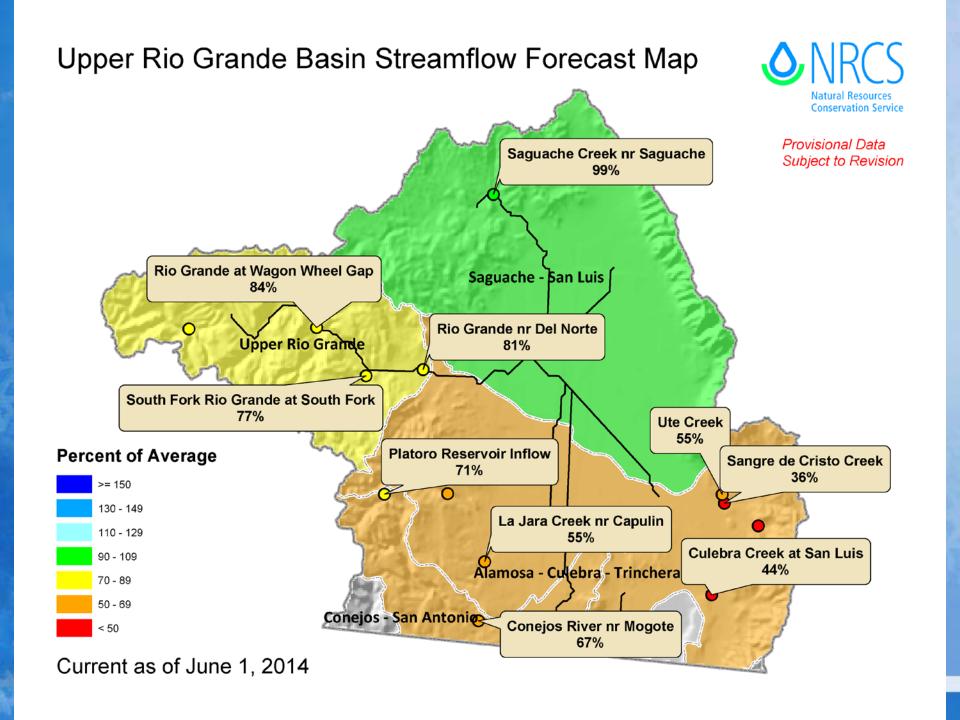


Upper Rio Grande Basin High/Low Monthly Precipitation Summary



Upper Rio Grande Basin High/Low Year-to-Date Precipitation Summary
Based on Provisional SNOTEL data as of Jul 22, 2014 50.0 Current as Pct of Average: 84% Conservation Service Current as Pct of Median: 83% Current as Pct of Last Year: 117% 45.0 ¢urrent as Pct of Average Annnual Total: 67% Average as Pct of Average Annual Total: 79% Pct of Avg Needed to Reach Avg Annual Total: 159% 40.0 Year-to-Date Precipitation (inches) 15.0 10.0 5.0 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Jun 01 **Jul 01** Sep 01 Apr 01 May 01 Aug 01 WY2002 WY2013 Maximum

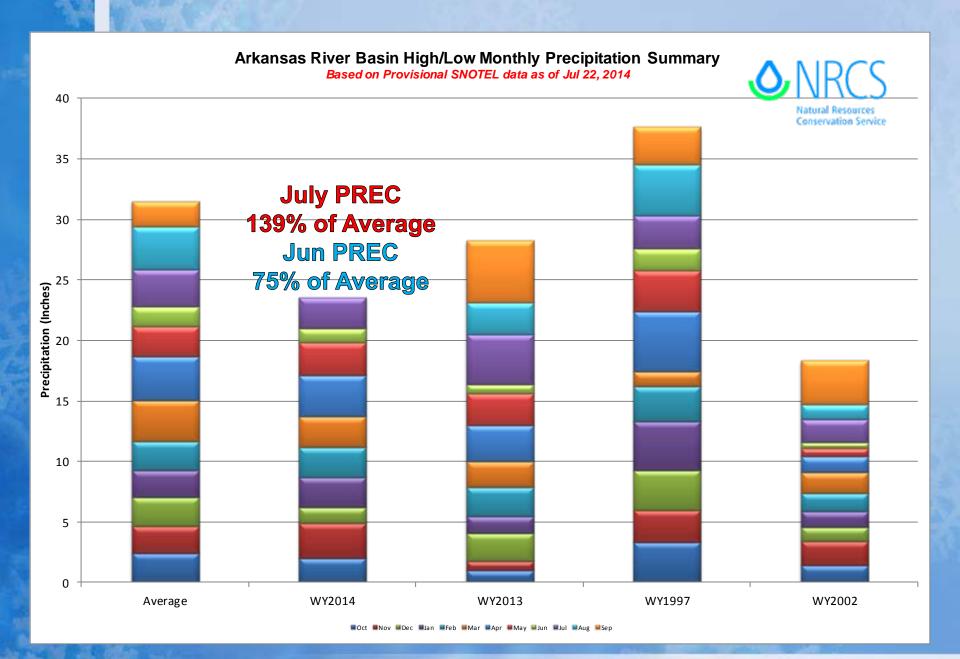




Arkansas River Basin Summary



Arkansas River Basin High/Low Snowpack Summary Based on Provisional SNOTEL data as of Jul 22, 2014 25 Current as Pct of Normal: 0% Current as Pct of Avg: 0% Conservation Service Current as Pct of Last Year: N/A Current as Pct of Peak: 0% Normal as Pct of Peak: 0% Current Peak as Pct of Normal Peak: 108% 20 Current Peak Date: Apr 17 Normal Peak Date: Apr 11 Current Meltout Date: Jun 25 Snow Water Equivalent (inches) 5 Oct 01 Nov 01 Dec 01 Feb 01 May 01 Jun 01 Jul 01 Jan 01 Mar 01 Apr 01 Aug 01 Sep 01 - Median -WY2002 -WY1997 - Mininum

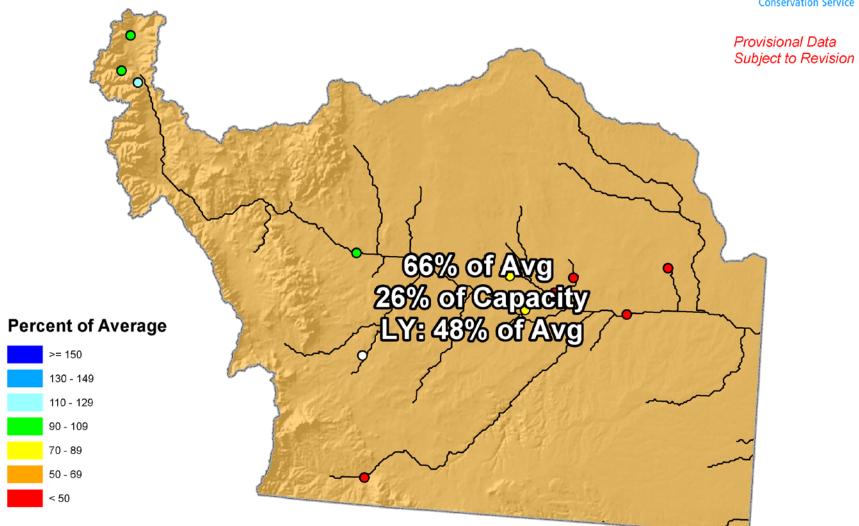


Arkansas River Basin High/Low Year-to-Date Precipitation Summary

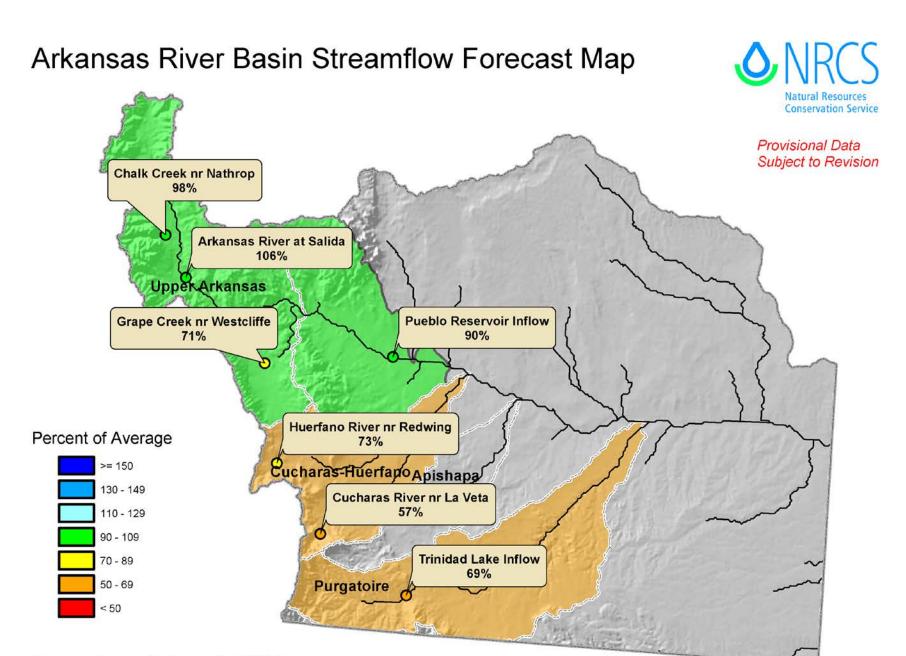
Based on Provisional SNOTEL data as of Jul 22, 2014 45.0 Current as Pct of Average: 95% Conservation Service Current as Pct of Median: 96% Current as Pct of Last Year: 122% Current as Pct of Average Annnual Total: 75% 40.0 Average as Pct of Average Annual Total: 78% Pct of Avg Needed to Reach Avg Annual Total: 116% 35.0 Year-to-Date Precipitation (inches) 10.0 5.0 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Jun 01 Jul 01 Sep 01 Apr 01 May 01 Aug 01

Arkansas River Basin Reservoir Storage Map



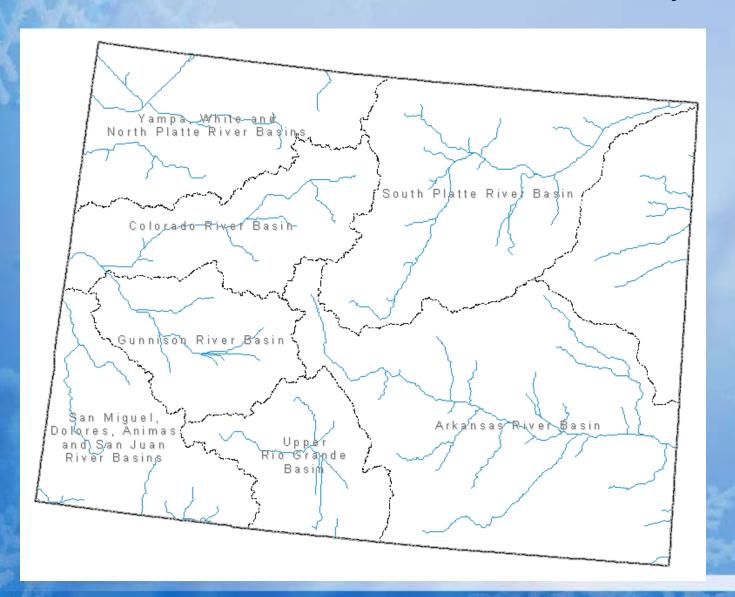


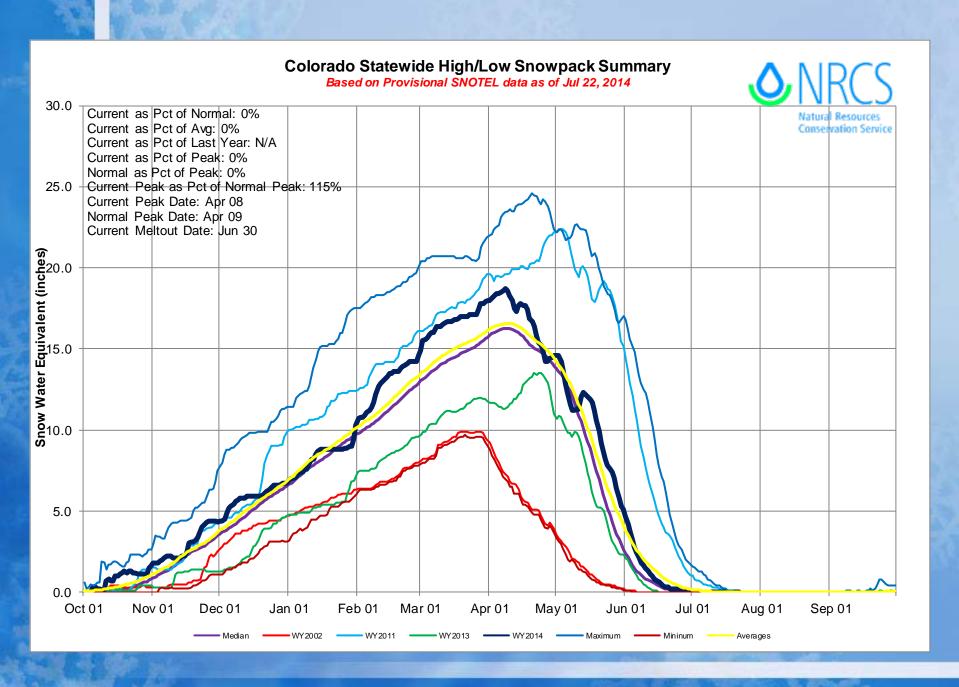
End of June 2014



Current as of June 1, 2014

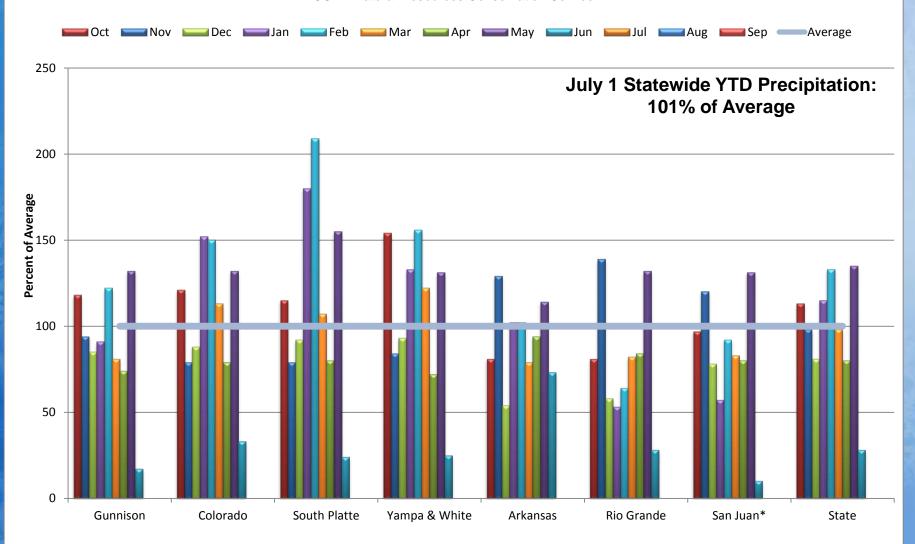
Colorado Statewide Summary







USDA Natural Resources Conservation Service

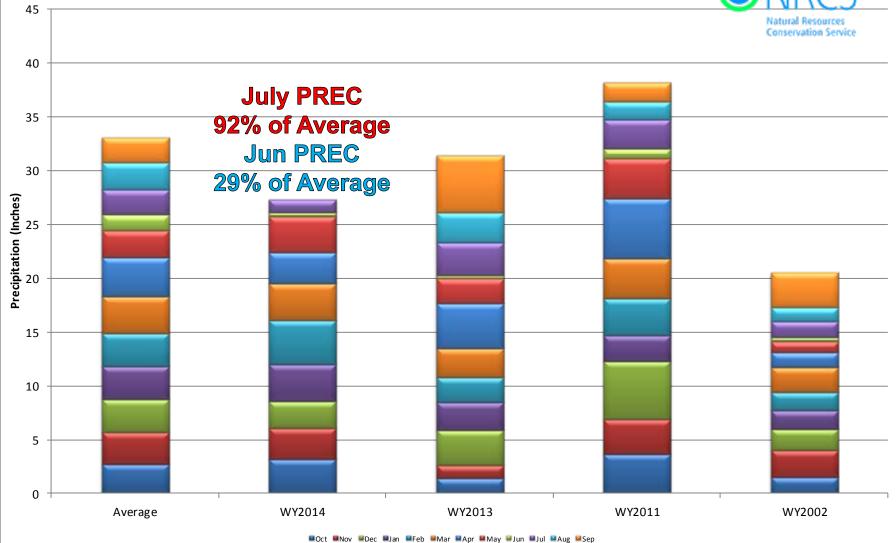


*Includes Animas, Dolores, San Miguel Basins

Colorado Statewide High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of Jul 22, 2014





Colorado Statewide High/Low Year-to-Date Precipitation Summary Based on Provisional SNOTEL data as of Jul 22, 2014 45.0 Current as Pct of Average: 100% Conservation Service Current as Pct of Median: 101% Current as Pct of Last Year: 123% 40.0 Current as Pct of Average Annnual Total: 82% Average as Pct of Average Annual Total: 82% Pct of Avg Needed to Reach Avg Annual Total: 99% 35.0 Year-to-Date Precipitation (inches) 30.0 25.0 20.0 15.0 10.0 5.0 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01

Ave rage

WY2002

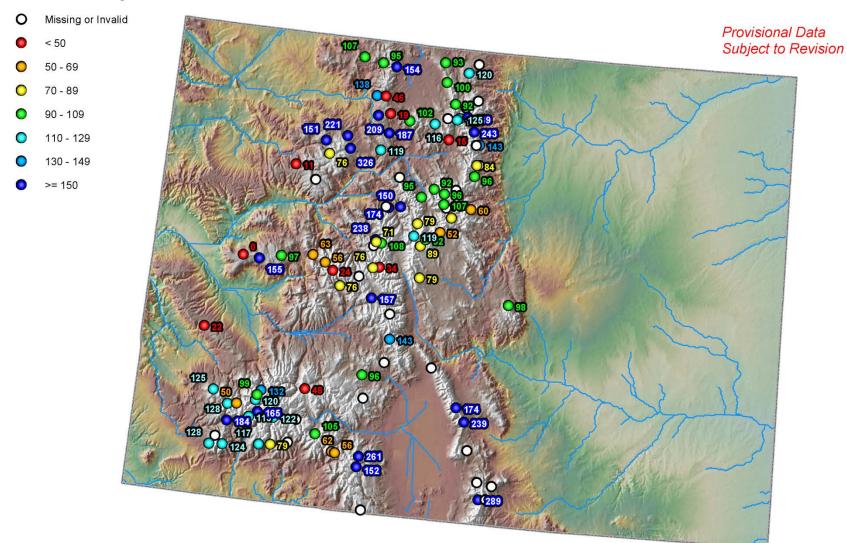
WY2011

WY2013

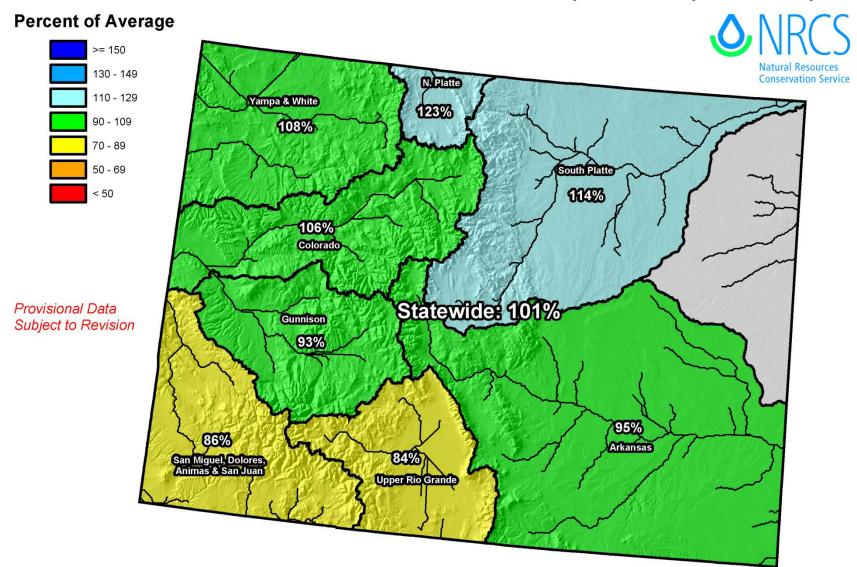
WY2014

Colorado SNOTEL Month-to-Date Precipitation

Percent of Average



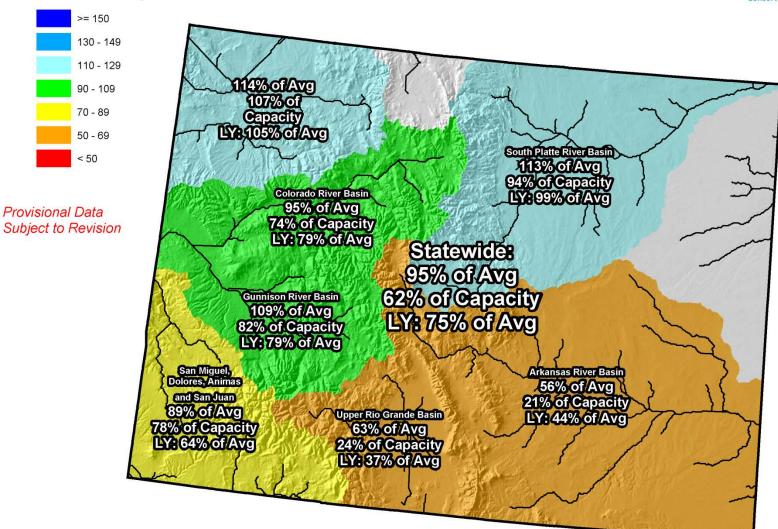
Colorado SNOTEL Water Year-to-Date Precipitation Update Map



Colorado Reservoir Storage Map

Natural Resources

Percent of Average

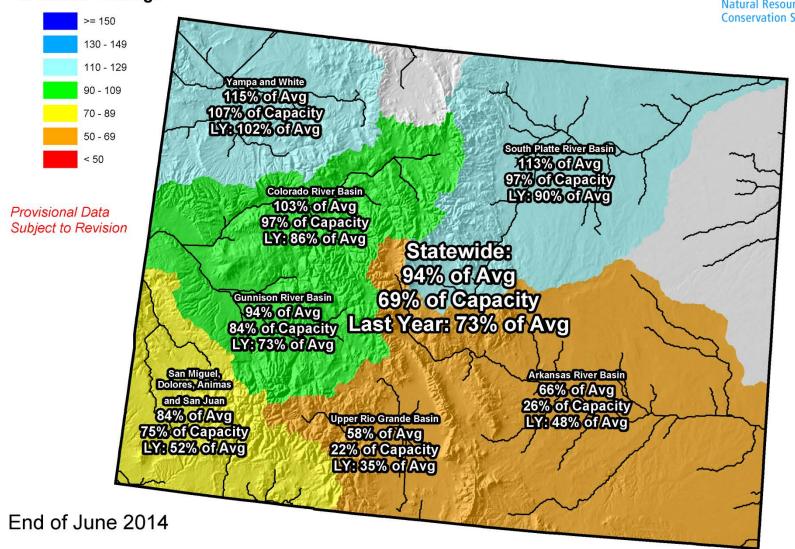


End of May 2014

Colorado Reservoir Storage Map

Percent of Average

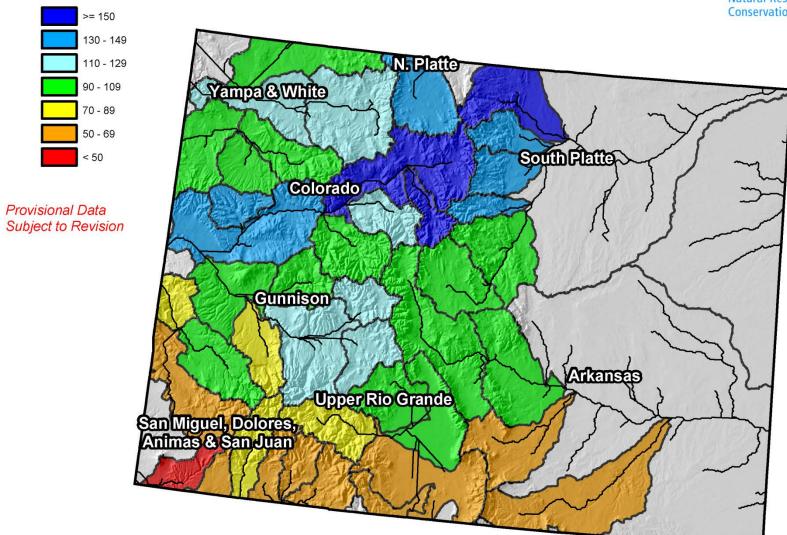




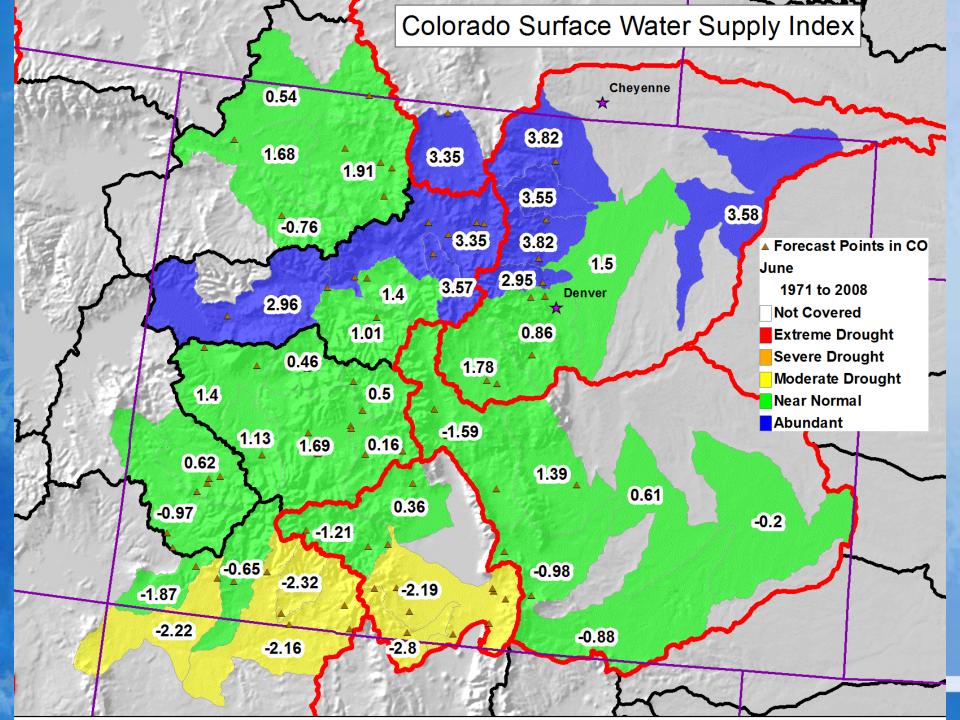
Colorado Streamflow Forecast Map

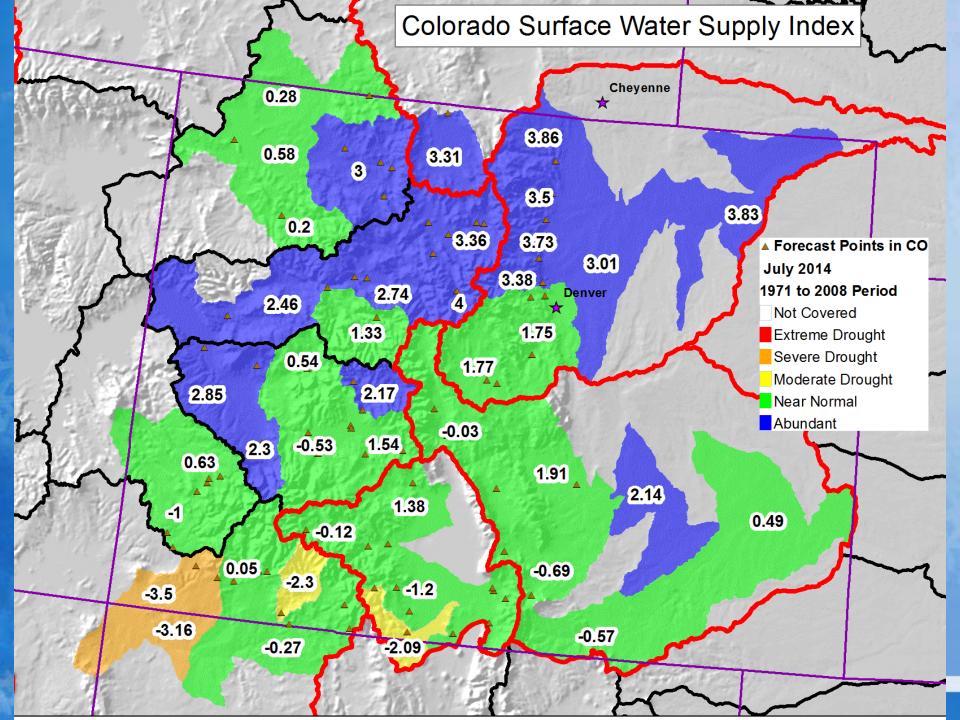
Natural Resources Conservation Service

Percent of Average



Current as of June 1, 2014





Summary

- •At a minimum of a 1.1 inches of precip averaged amung all SNOTEL is each basin only the Arkansas exceeded 1 inch of precip through out June only obtaining 75% of total June Precip
- •July mountain precip so far is better at this point than it was in June currently with only the Arkansas and the Upper Rio Grande at better than 100% of month-to-date precip.
- •SWSIs remained close to last months values with slight increases at various locations and a few drops in SWSIs

Water Availability Task Force Meeting July 23rd, 2014

NRCS Snow Survey and Water Supply Forecasting Program

> Brian Domonkos Colorado Snow Survey Supervisor 303-524-2521

http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/