

NRCS - Snow Survey & Water Supply Forecasting

Chris Pacheco

Water Availability Task Force Meeting
May 16, 2006

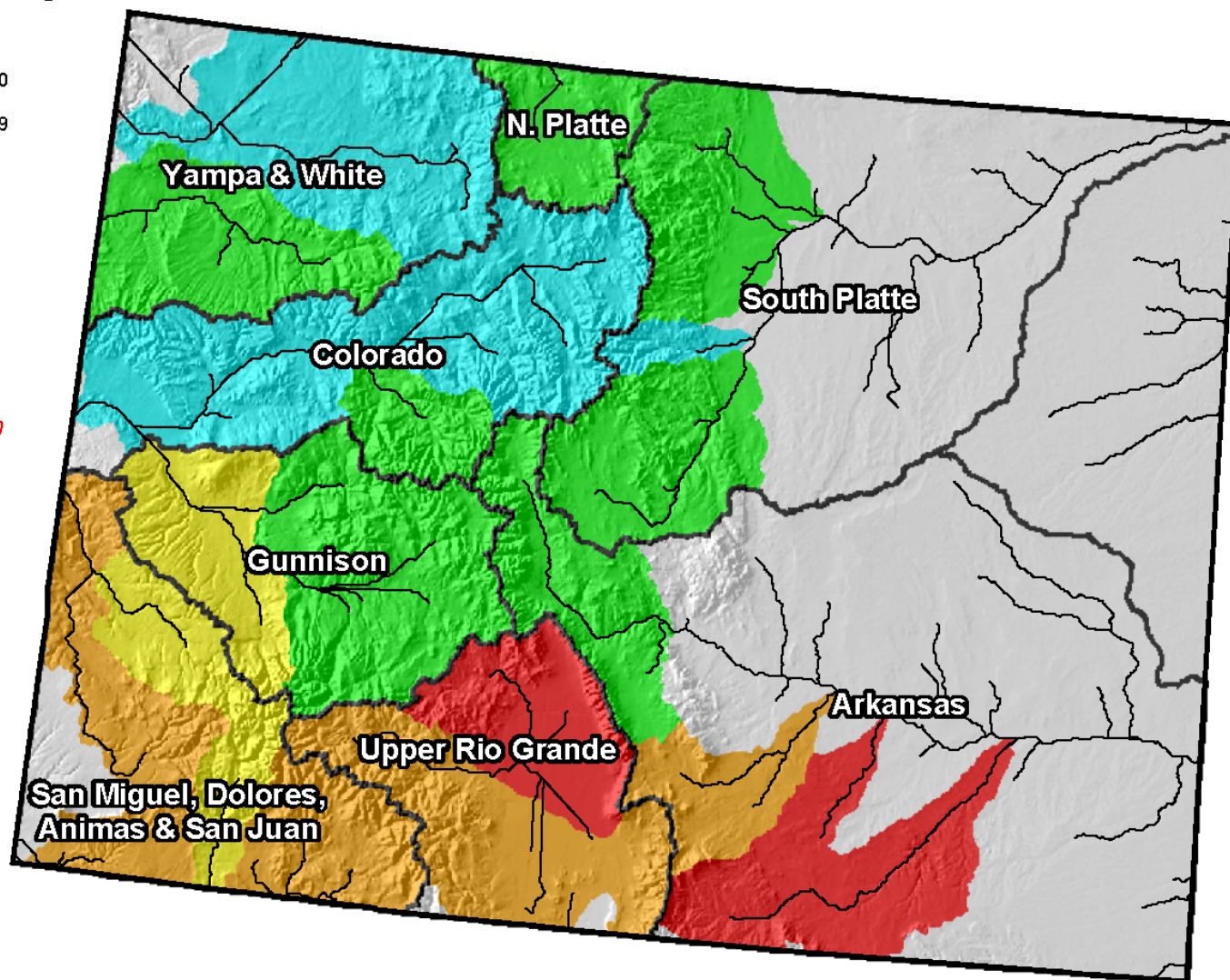


Colorado Snowpack Map

Percent of Average



*Provisional Data
Subject to Revision*



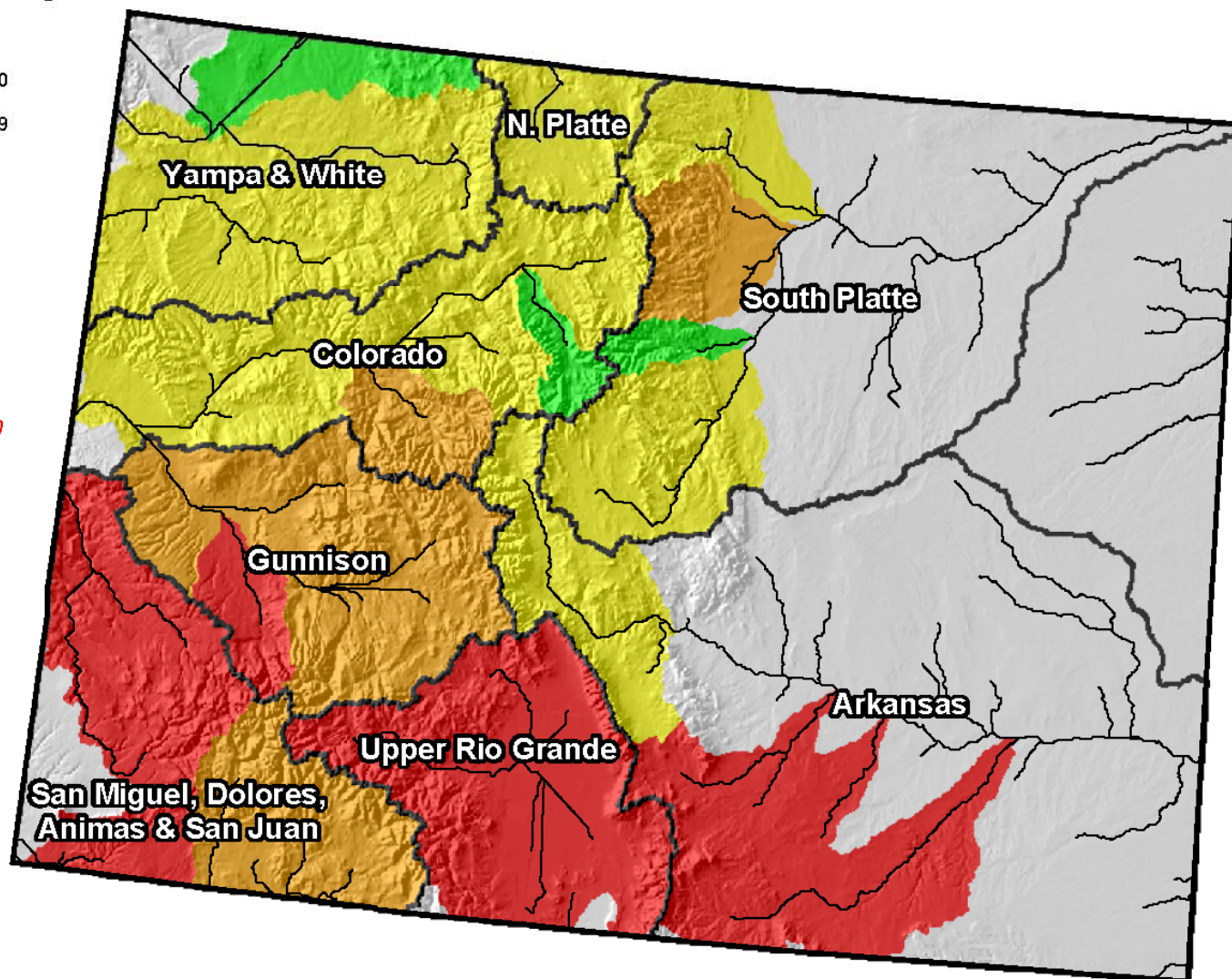
Current as of April 1, 2006

Colorado Snowpack Map

Percent of Average

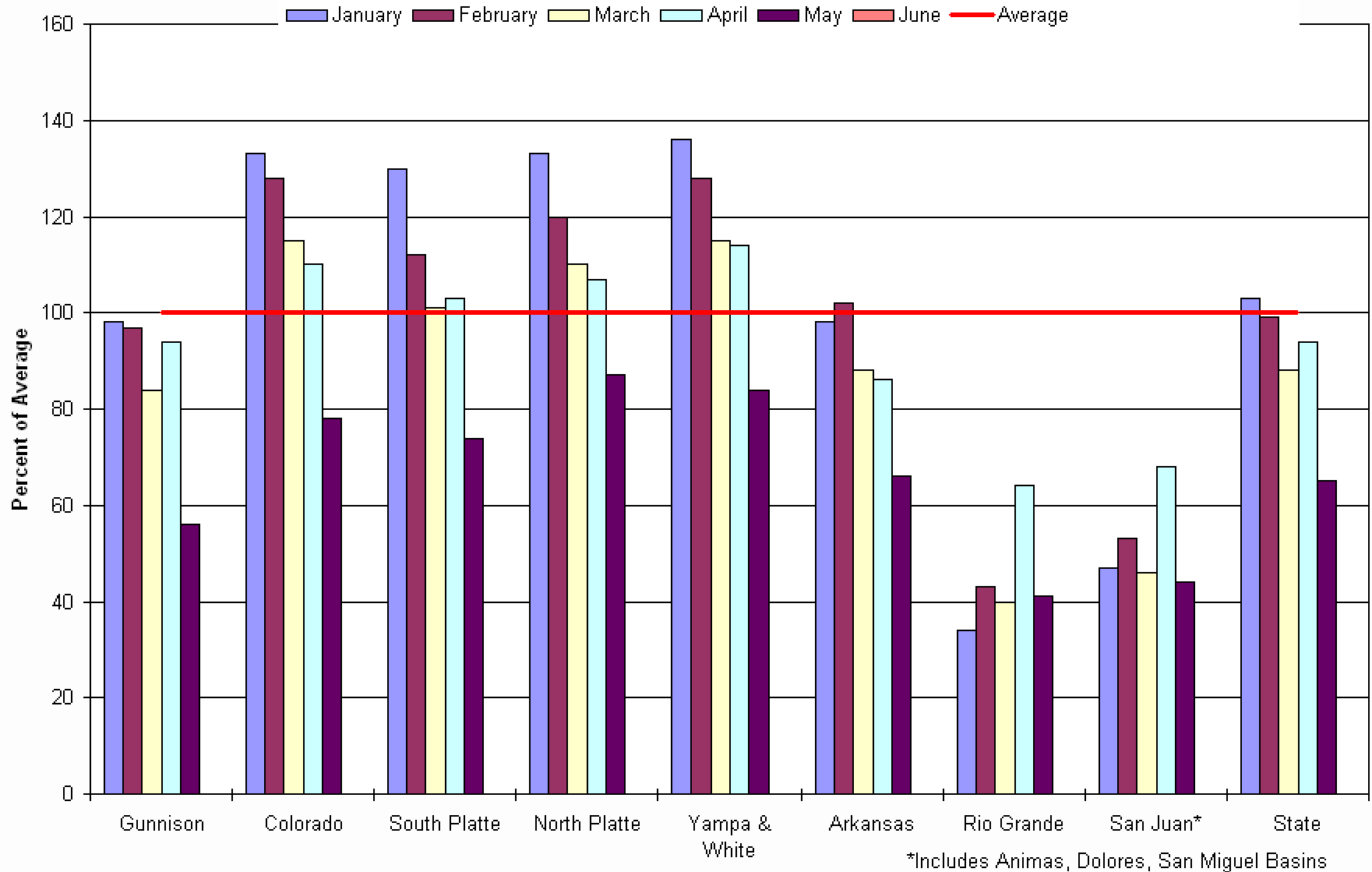


*Provisional Data
Subject to Revision*



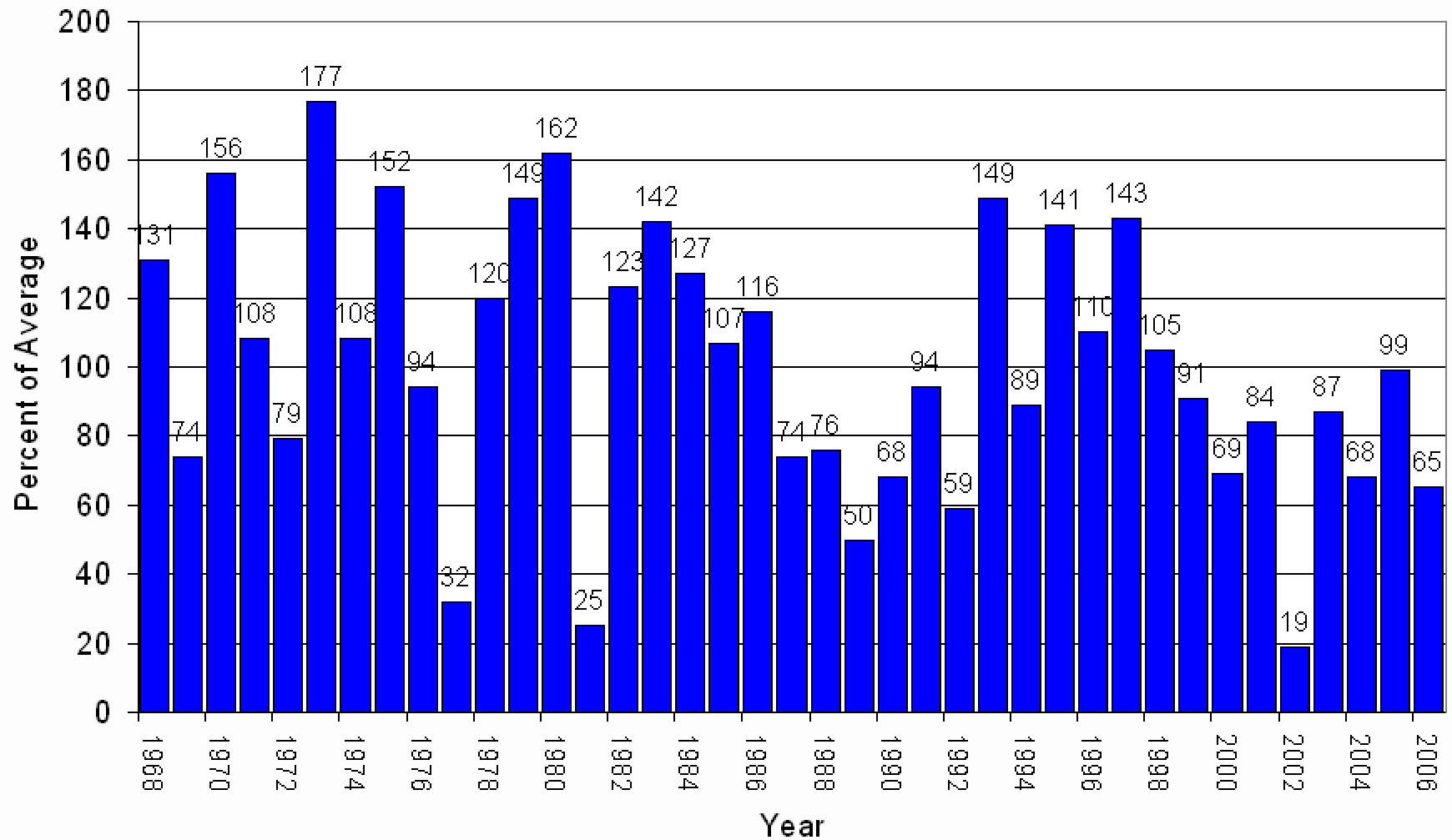
Current as of May 1, 2006

Colorado Snowpack Summary for 2006



Statewide Snowpack

May 1

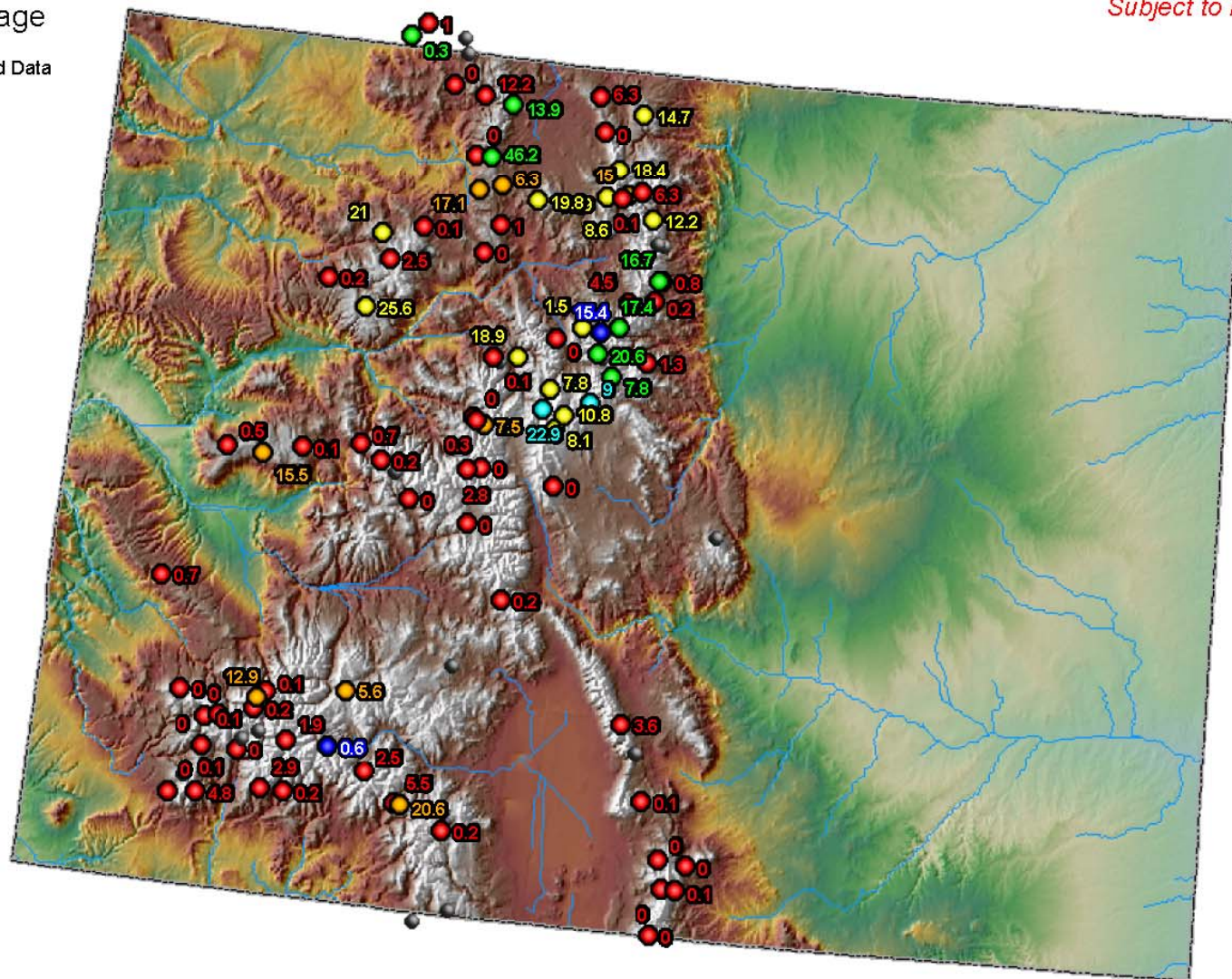


Colorado SNOTEL Snow Water Equivalent (inches)

Legend
Percent of Average

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

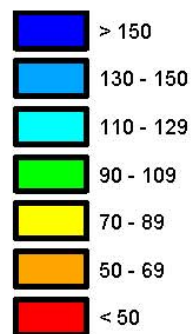
*Provisional Data
Subject to Revision*



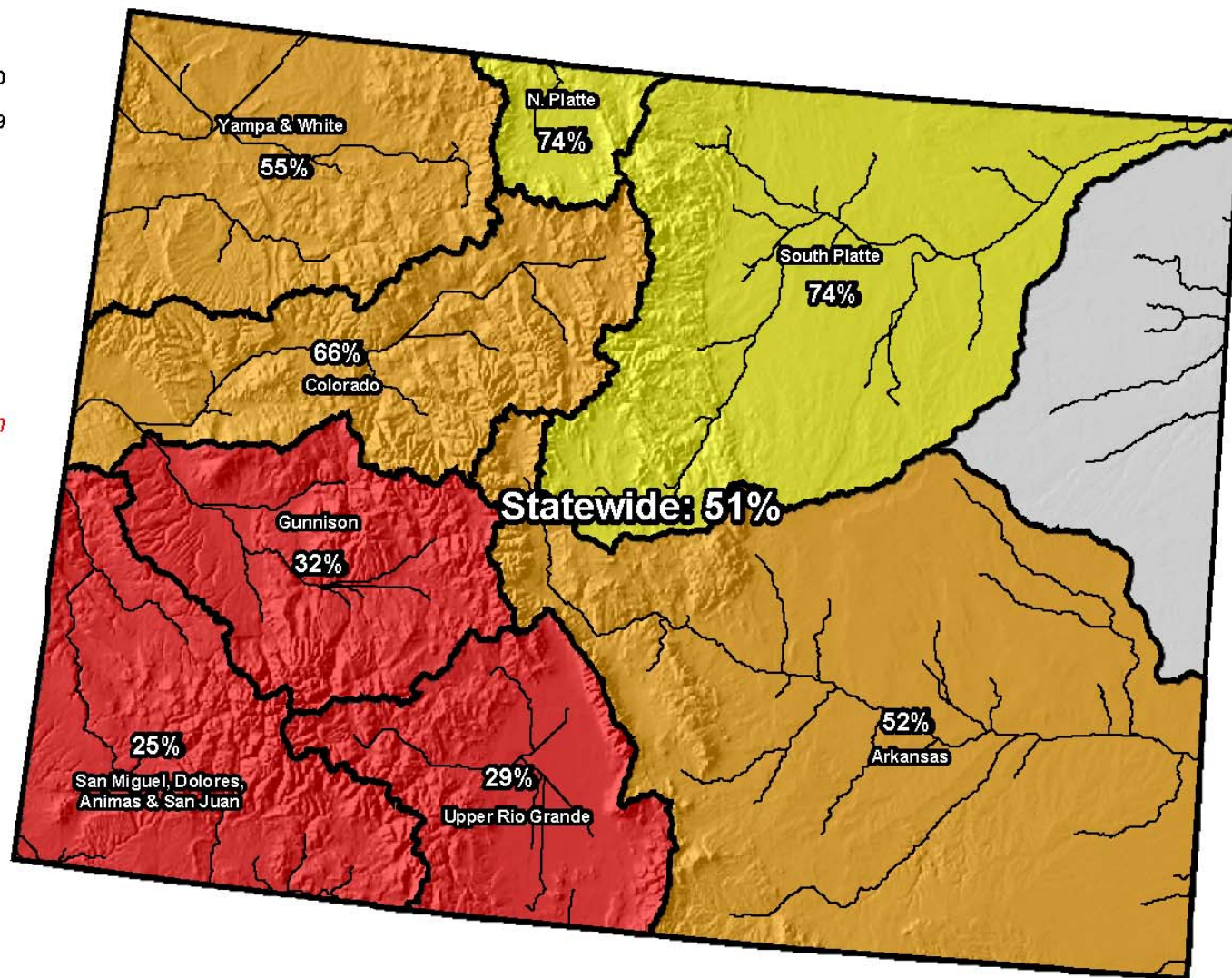
Current as of May 16, 2006

Colorado SNOTEL Snowpack Update Map

Percent of Average



*Provisional Data
Subject to Revision*



Current as of May 16, 2006

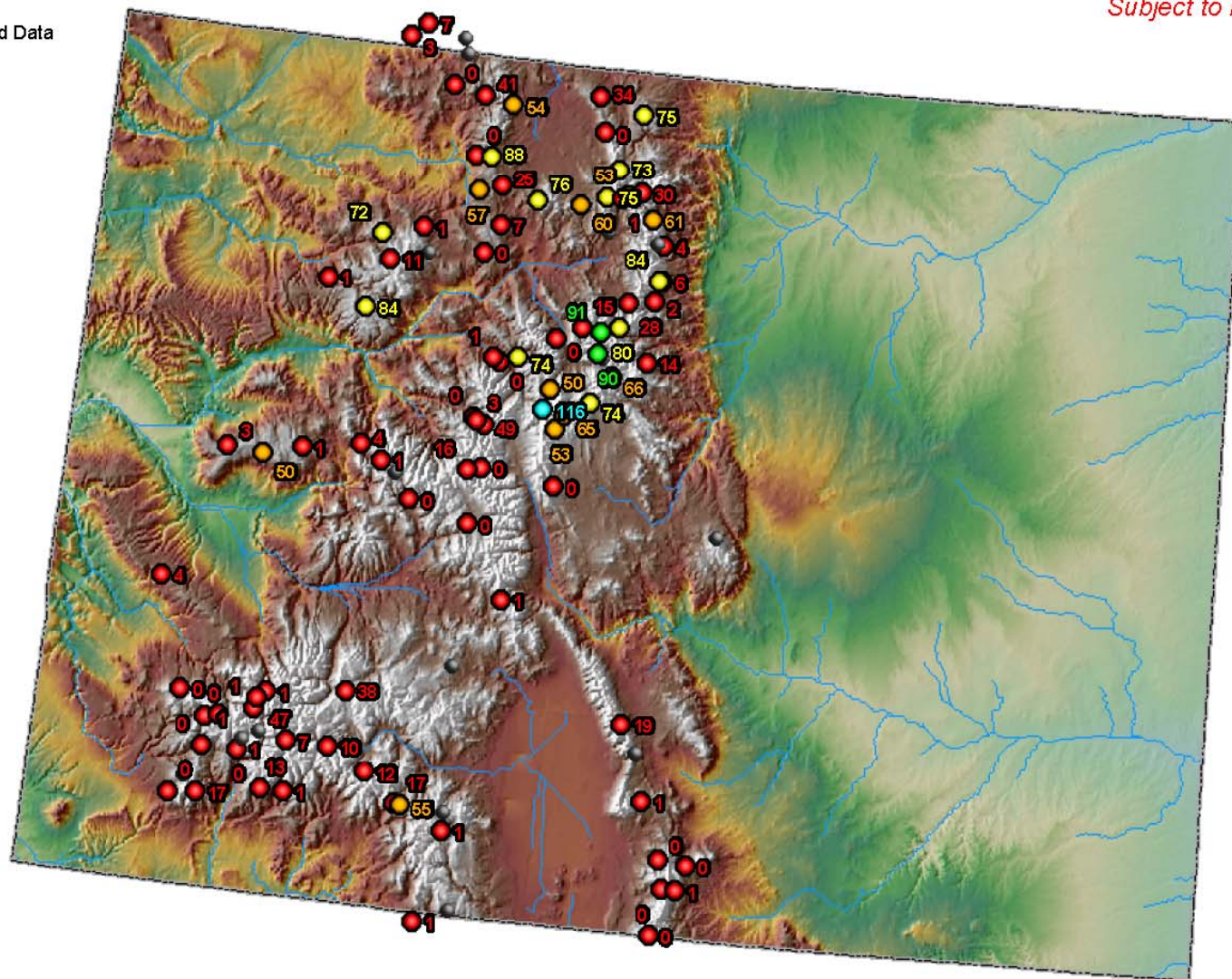
*Data may not provide a valid measure of conditions

Colorado SNOTEL Snow Water Equivalent as Percent of Average Peak SWE

Percent of Avg Peak

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

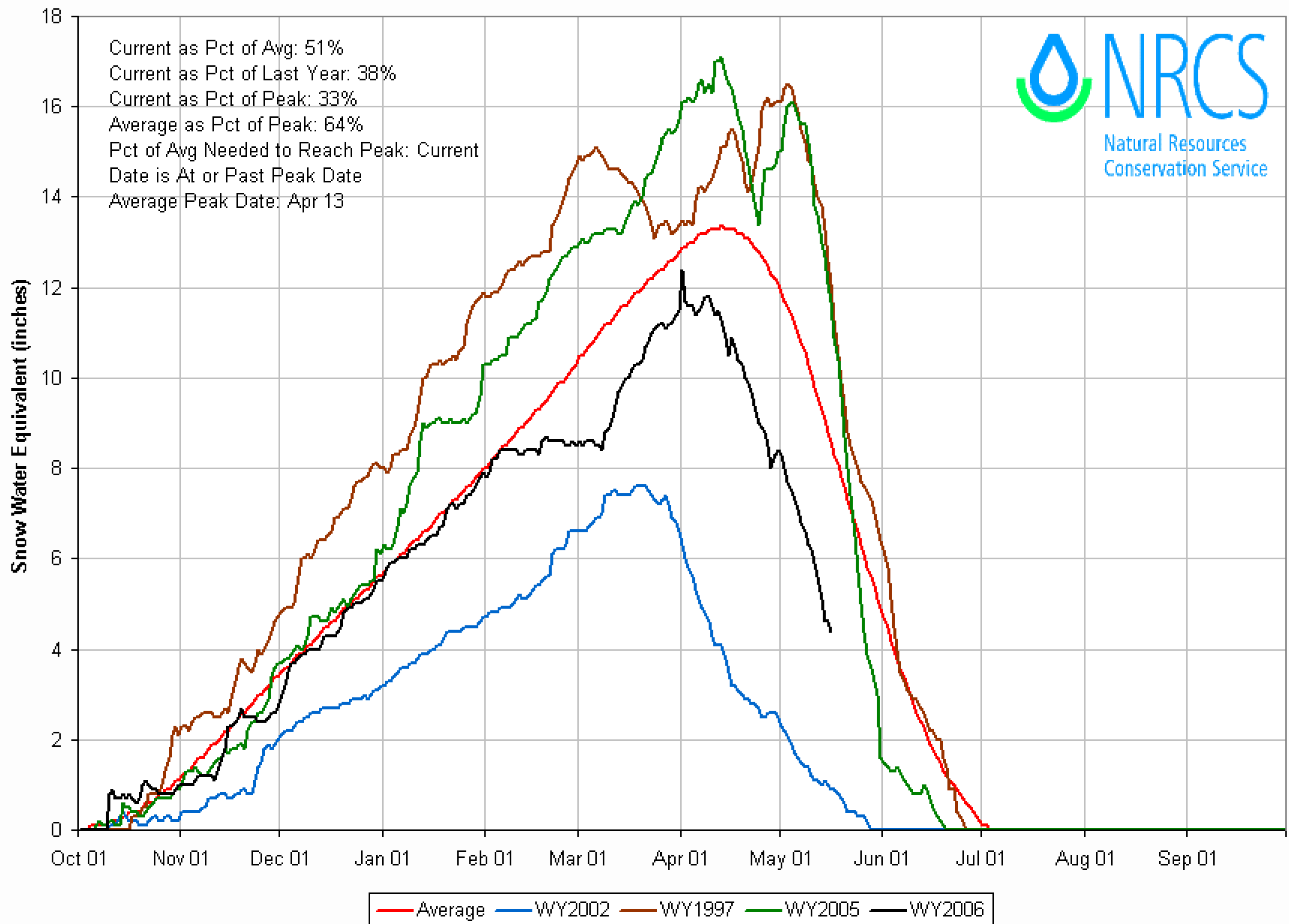
*Provisional Data
Subject to Revision*



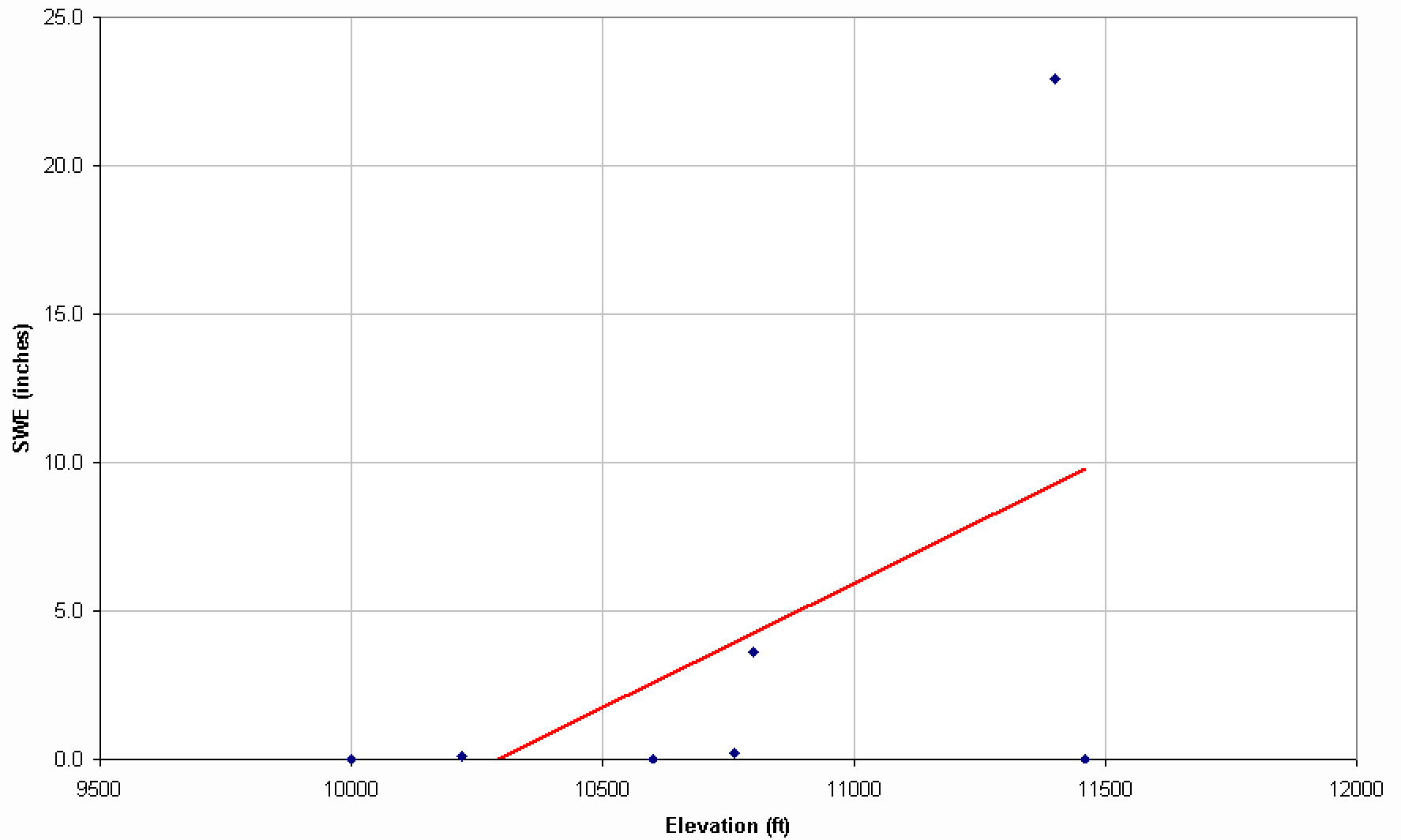
Current as of May 16, 2006

Arkansas River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

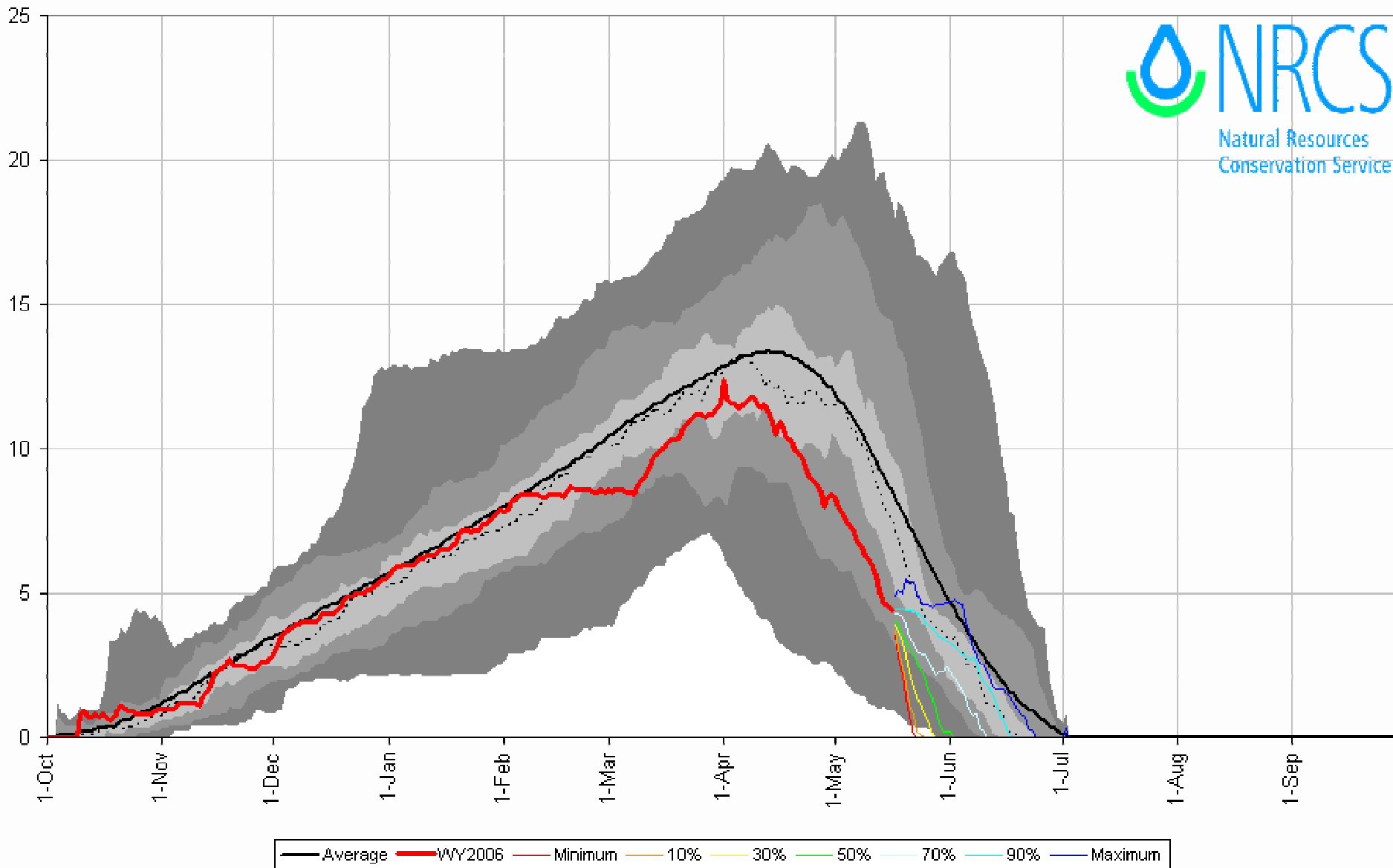


Arkansas River Basin



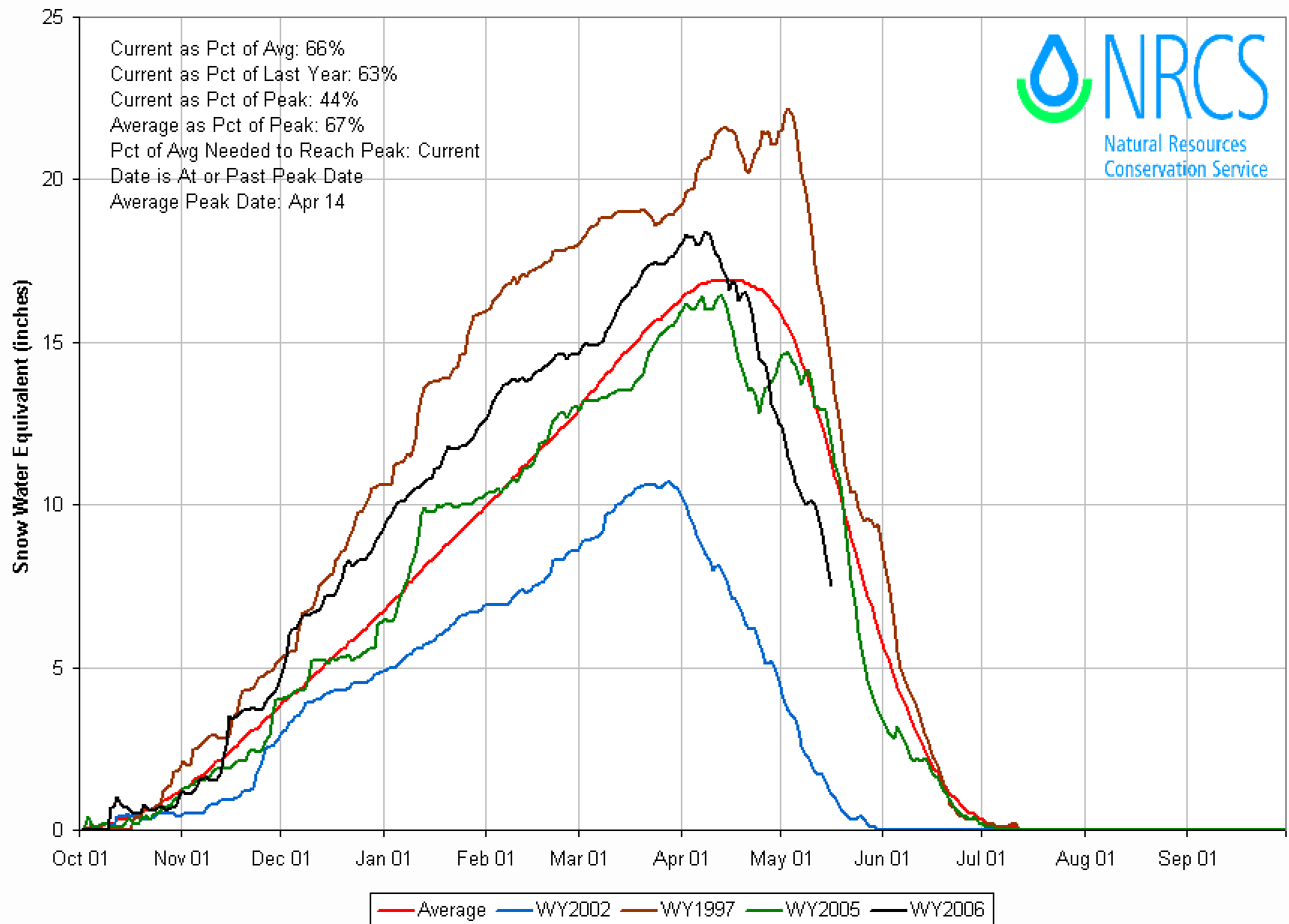
Arkansas River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of May 16, 2006

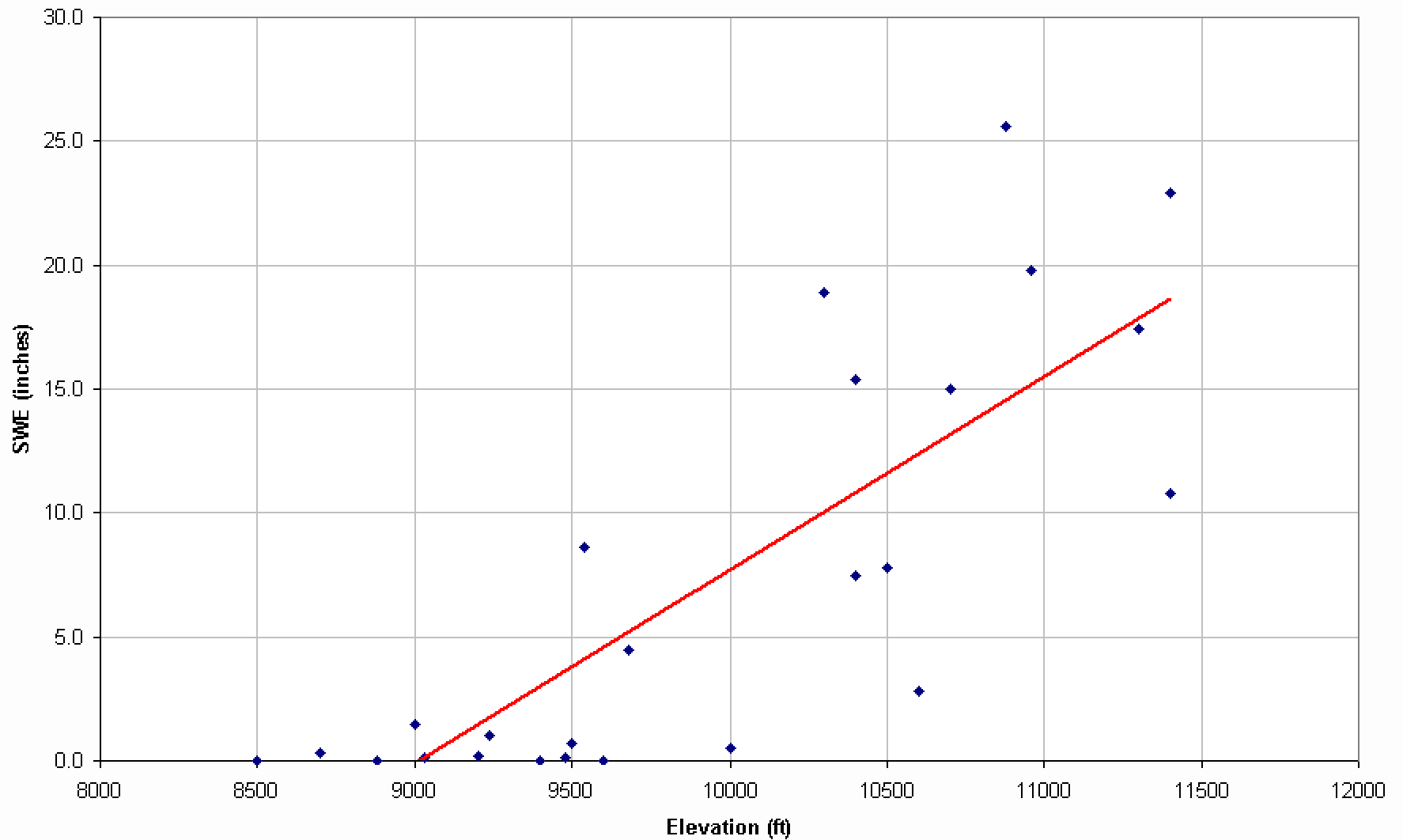


Upper Colorado River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

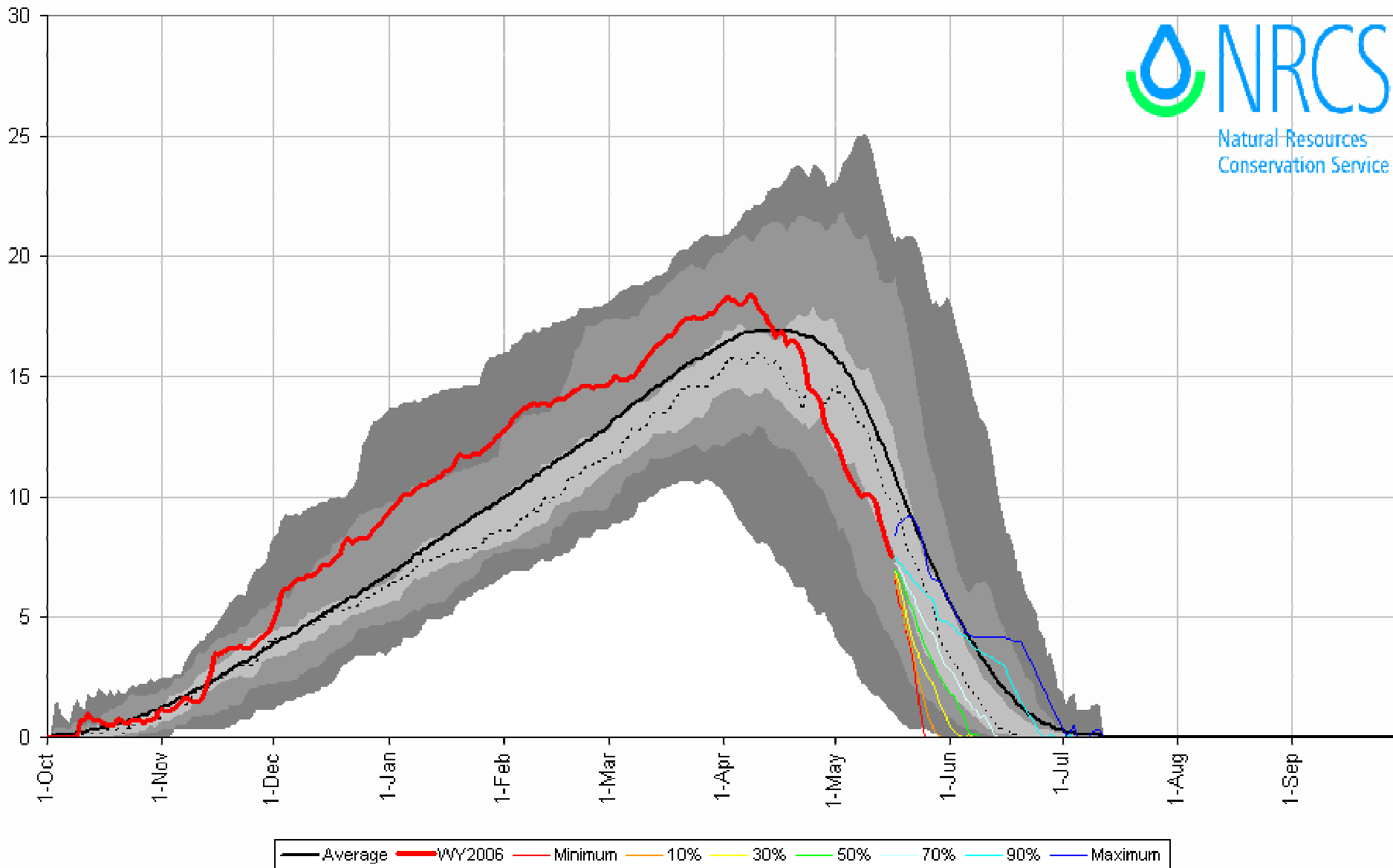


Upper Colorado River Basin



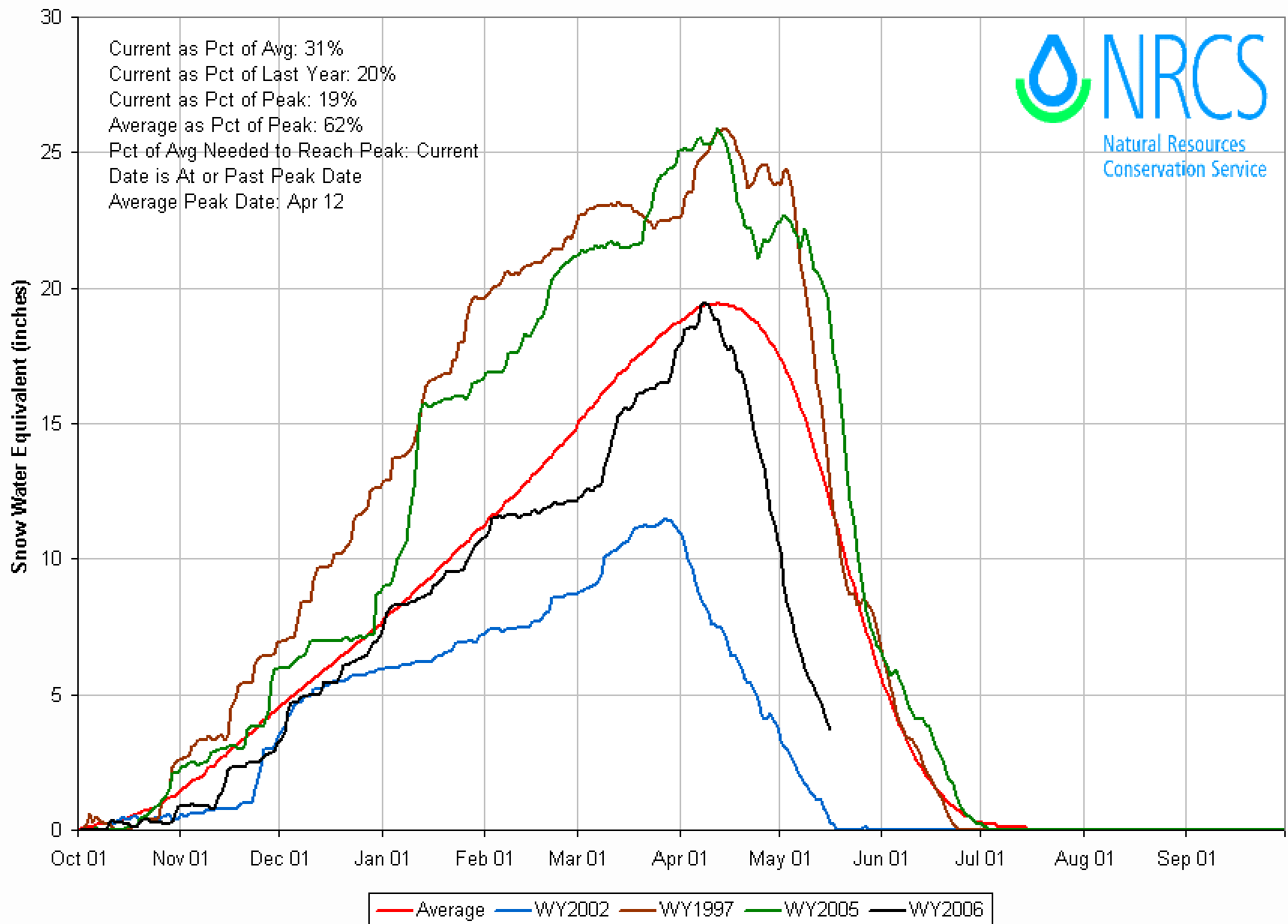
Colorado River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of May 16, 2006

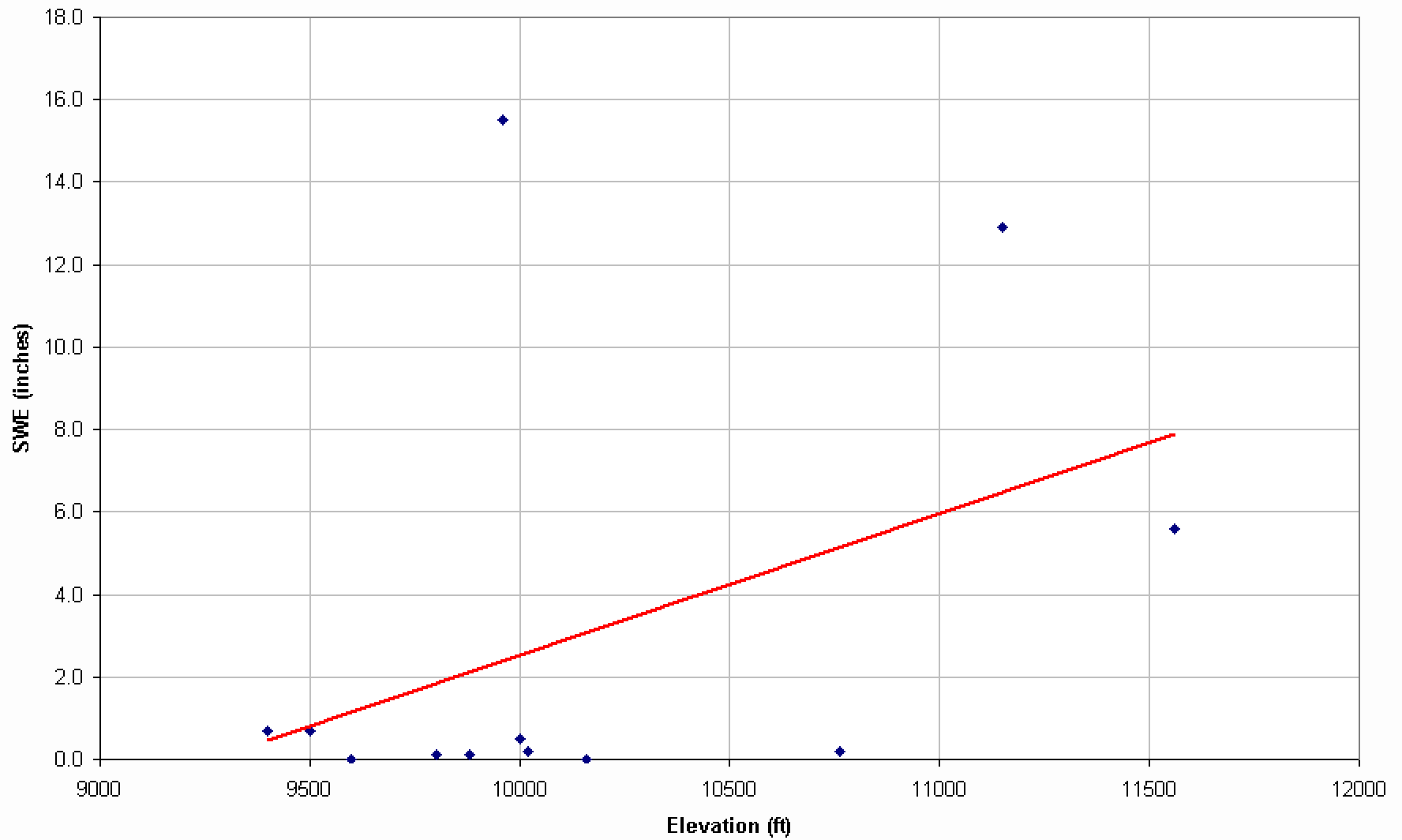


Gunnison River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

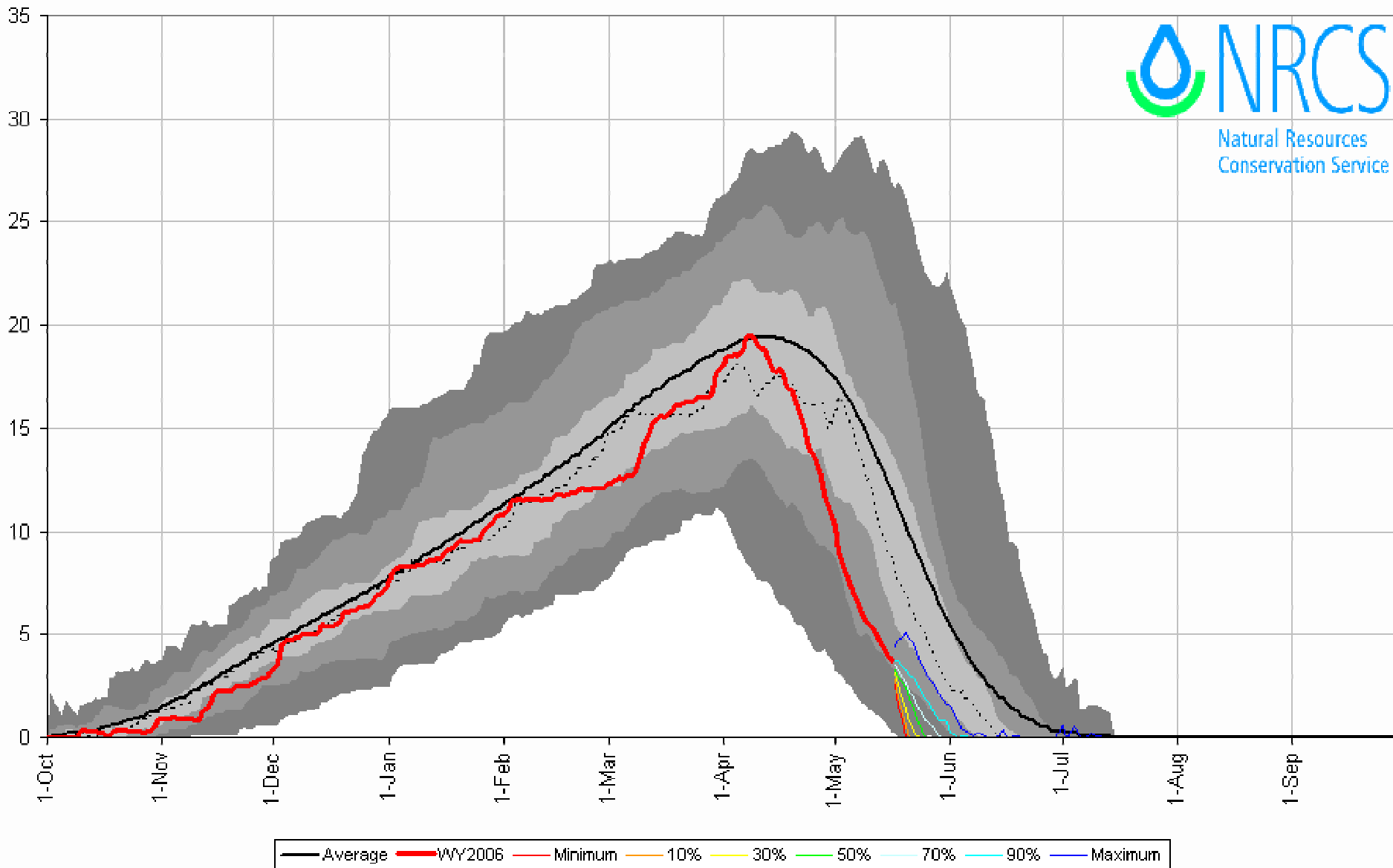


Gunnison River Basin



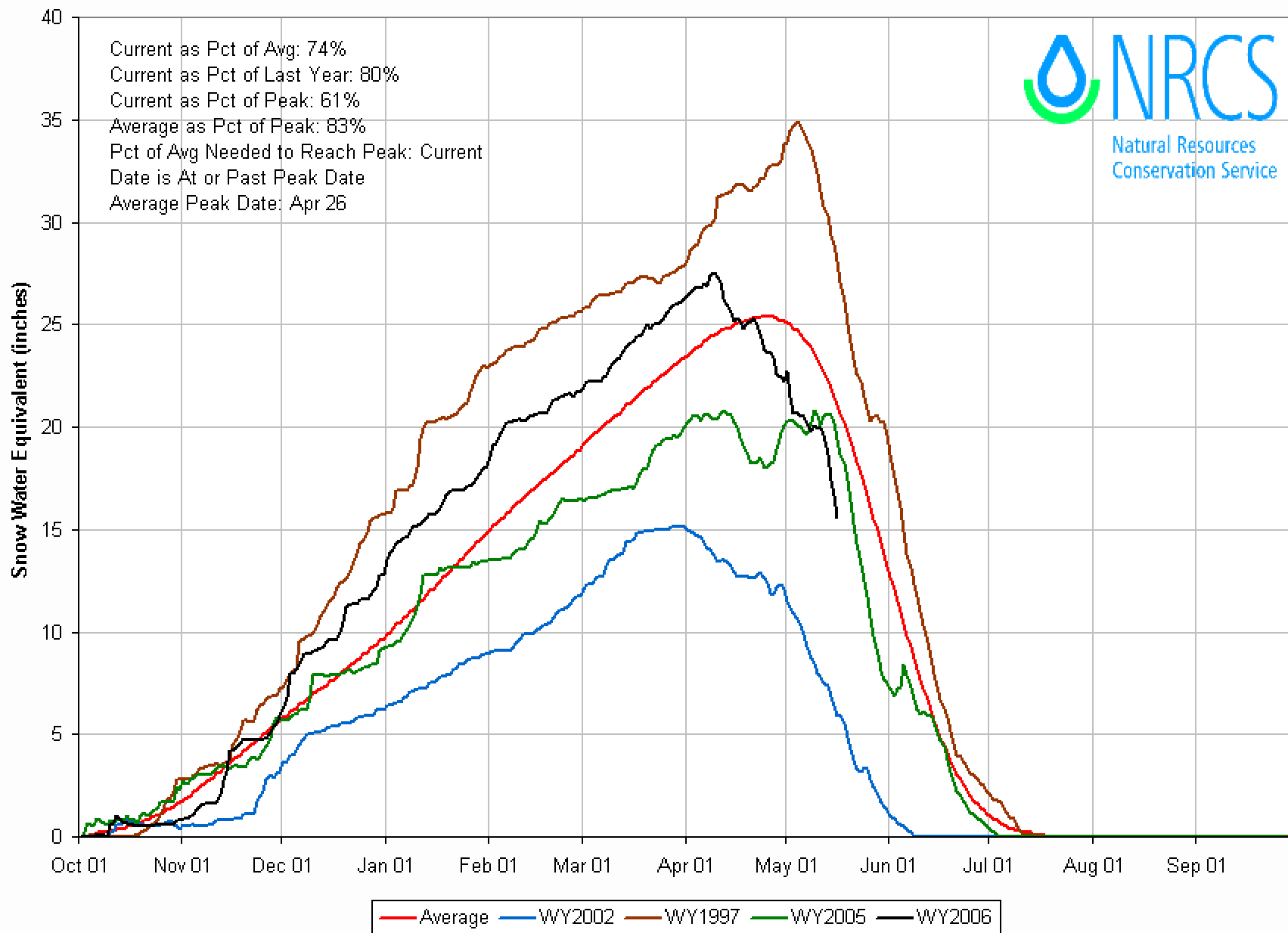
Gunnison River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of May 16, 2006

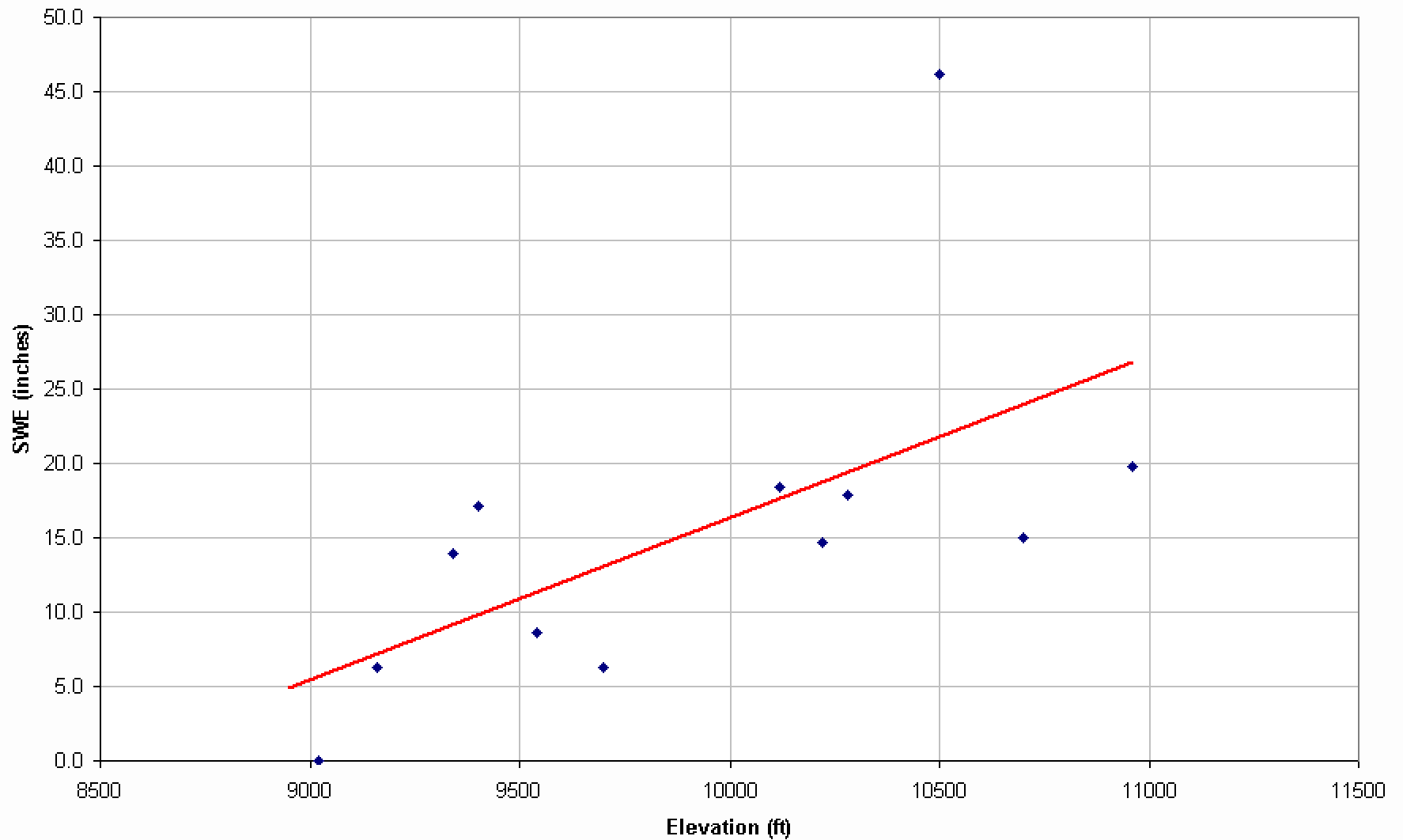


Laramie and North Platte River Basins High/Low Snowpack Summary

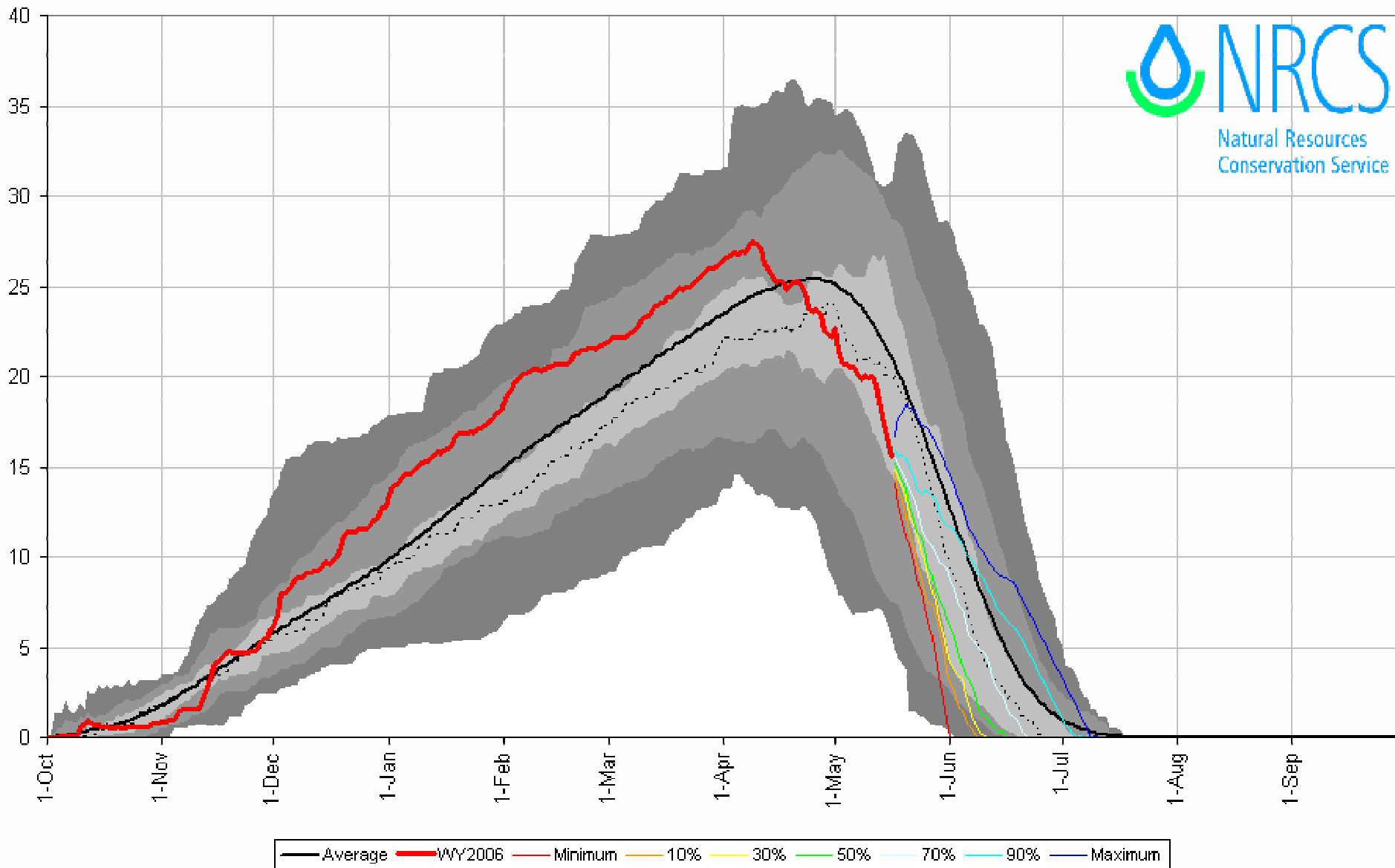
Based on Provisional SNOTEL data as of May 16, 2006



Laramie & North Platte River Basins

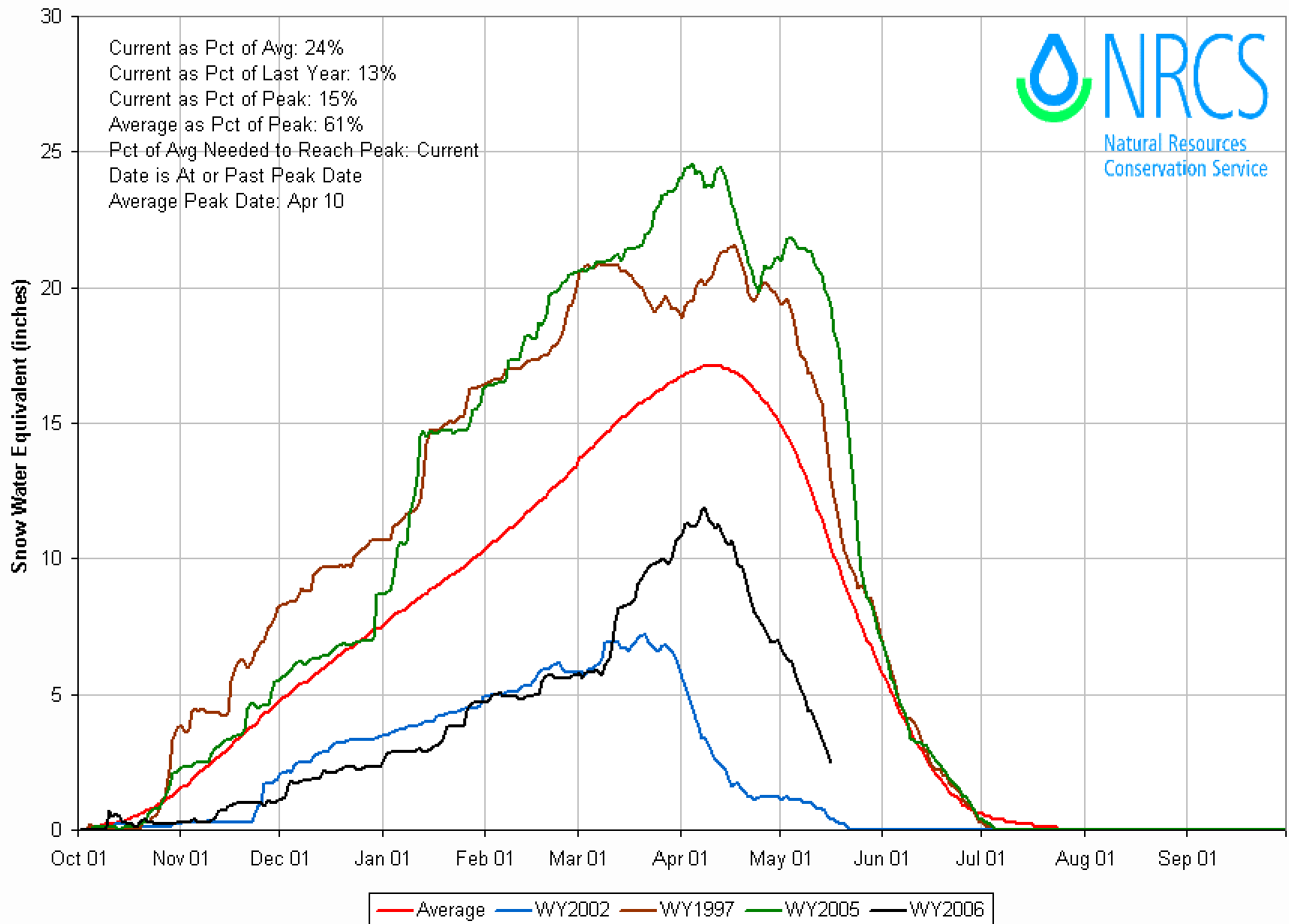


Based on Provisional SNOTEL Data as of May 16, 2006

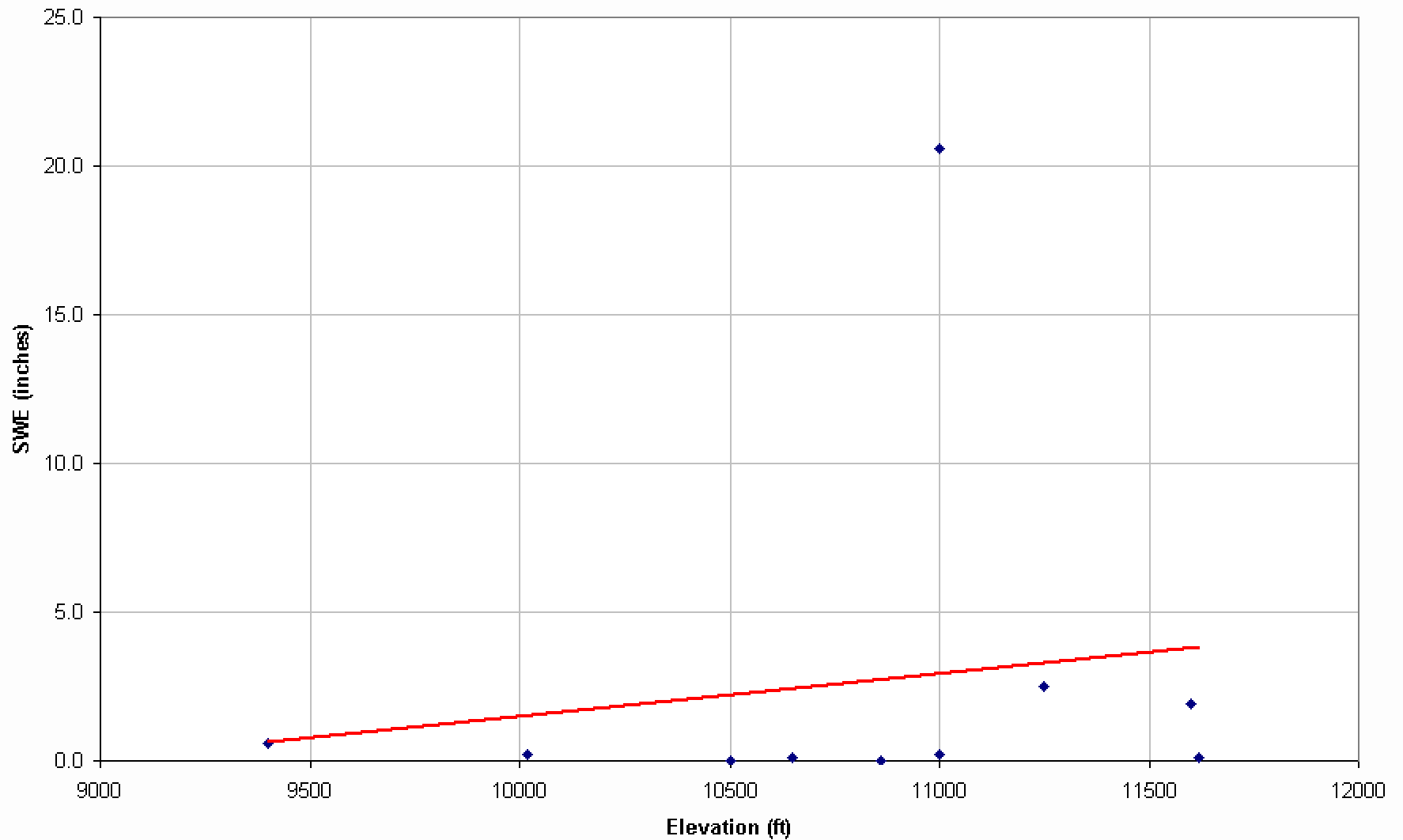


Upper Rio Grande Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

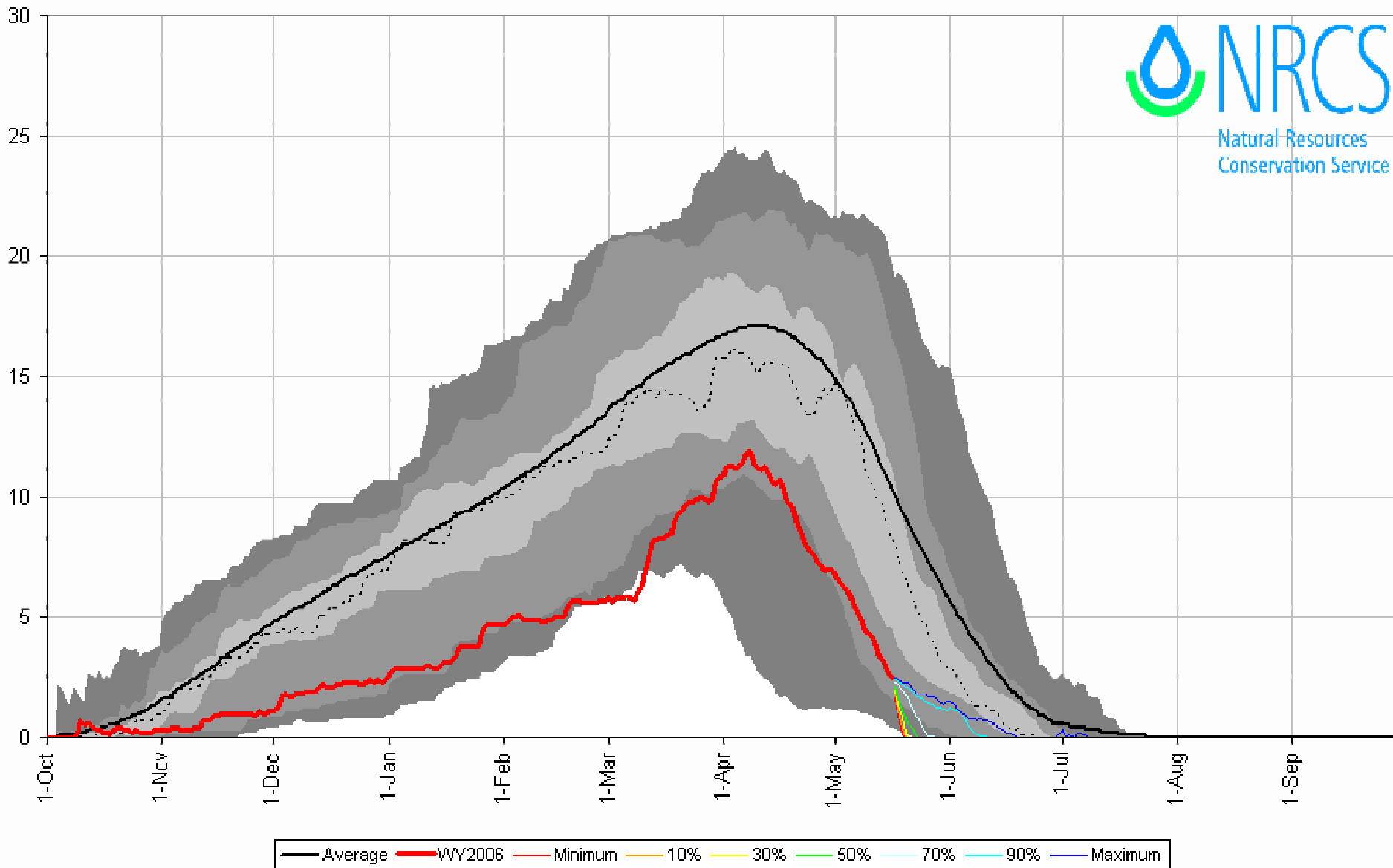


Upper Rio Grande Basin



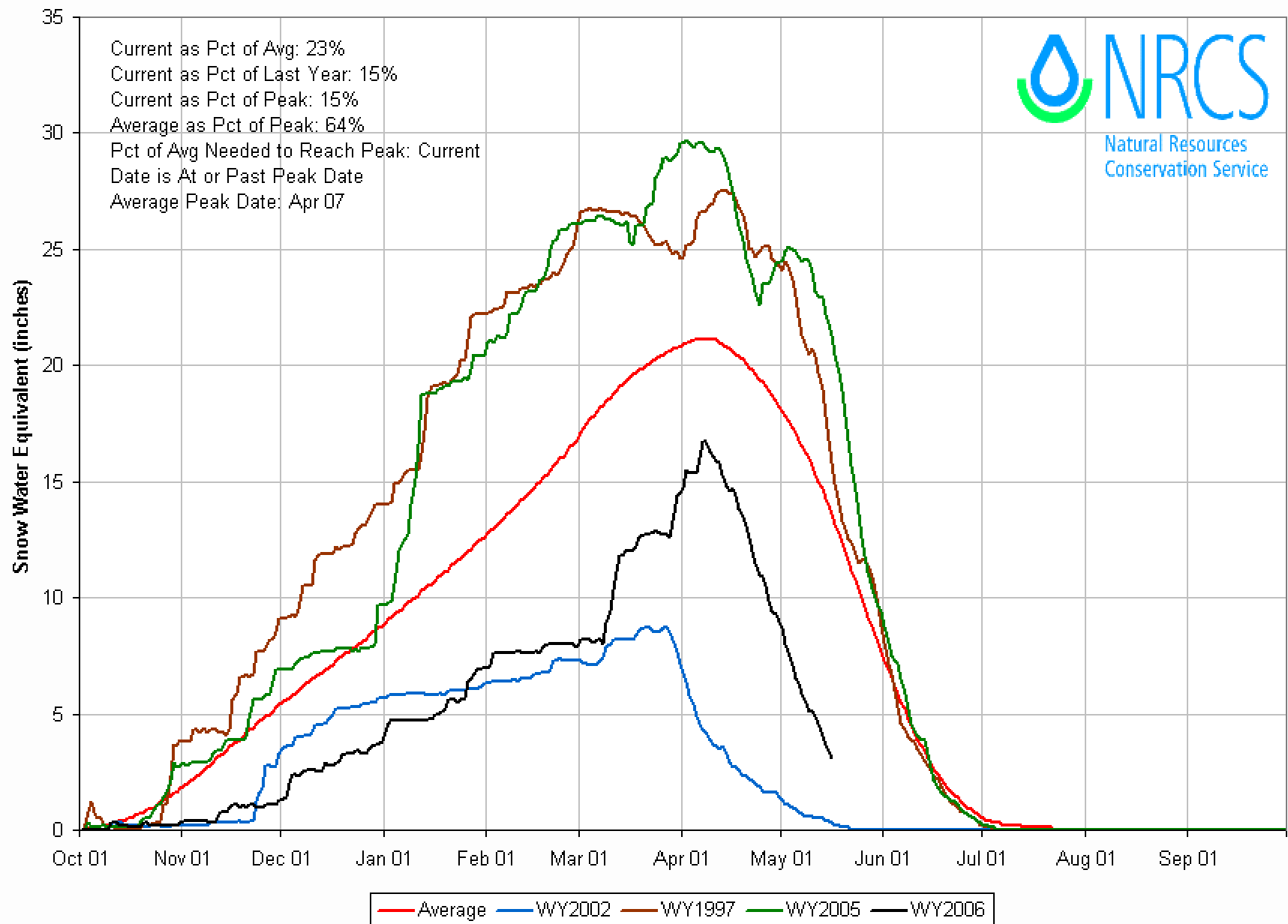
Upper Rio Grande Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of May 16, 2006

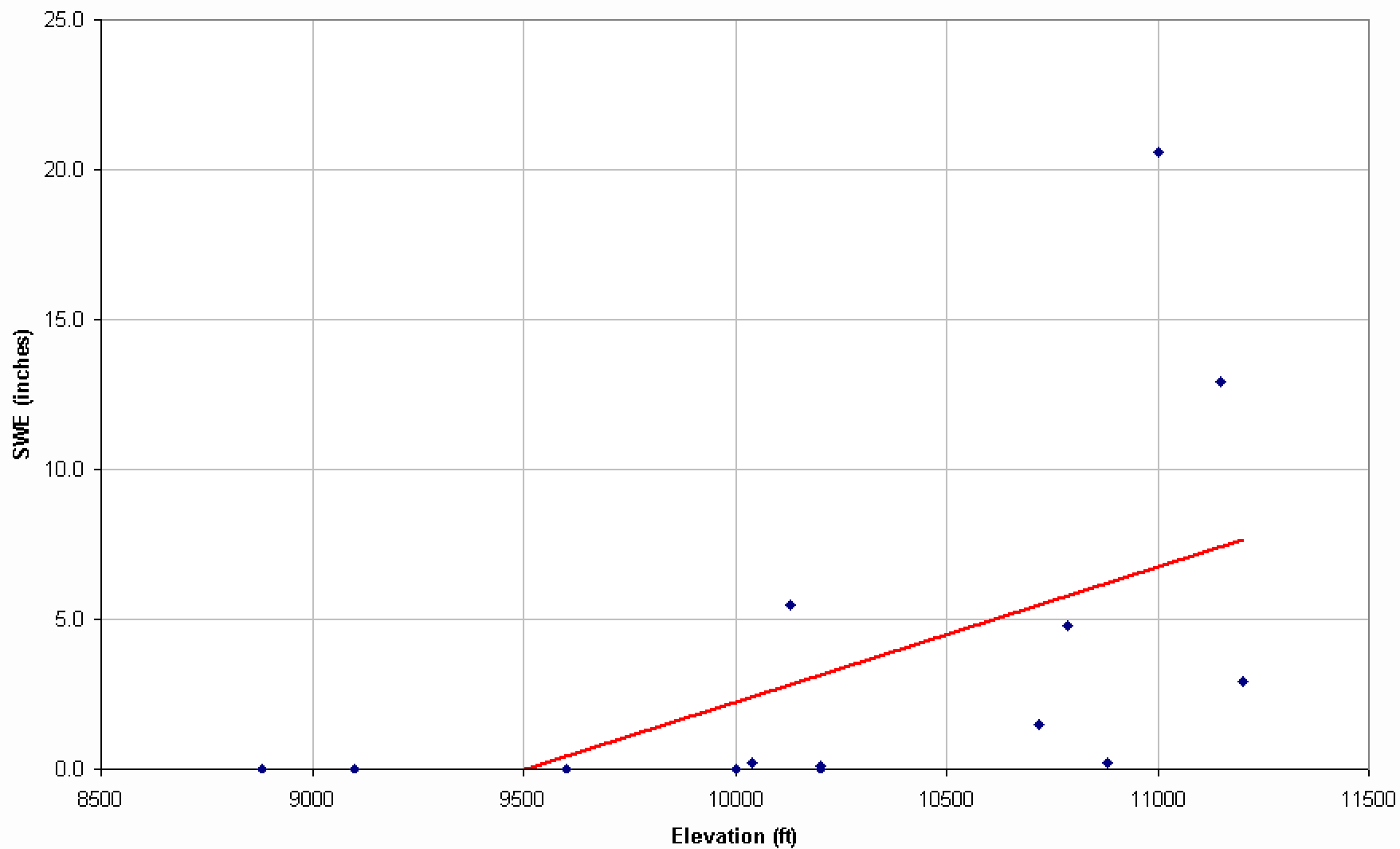


San Miguel, Dolores, Animas & San Juan River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

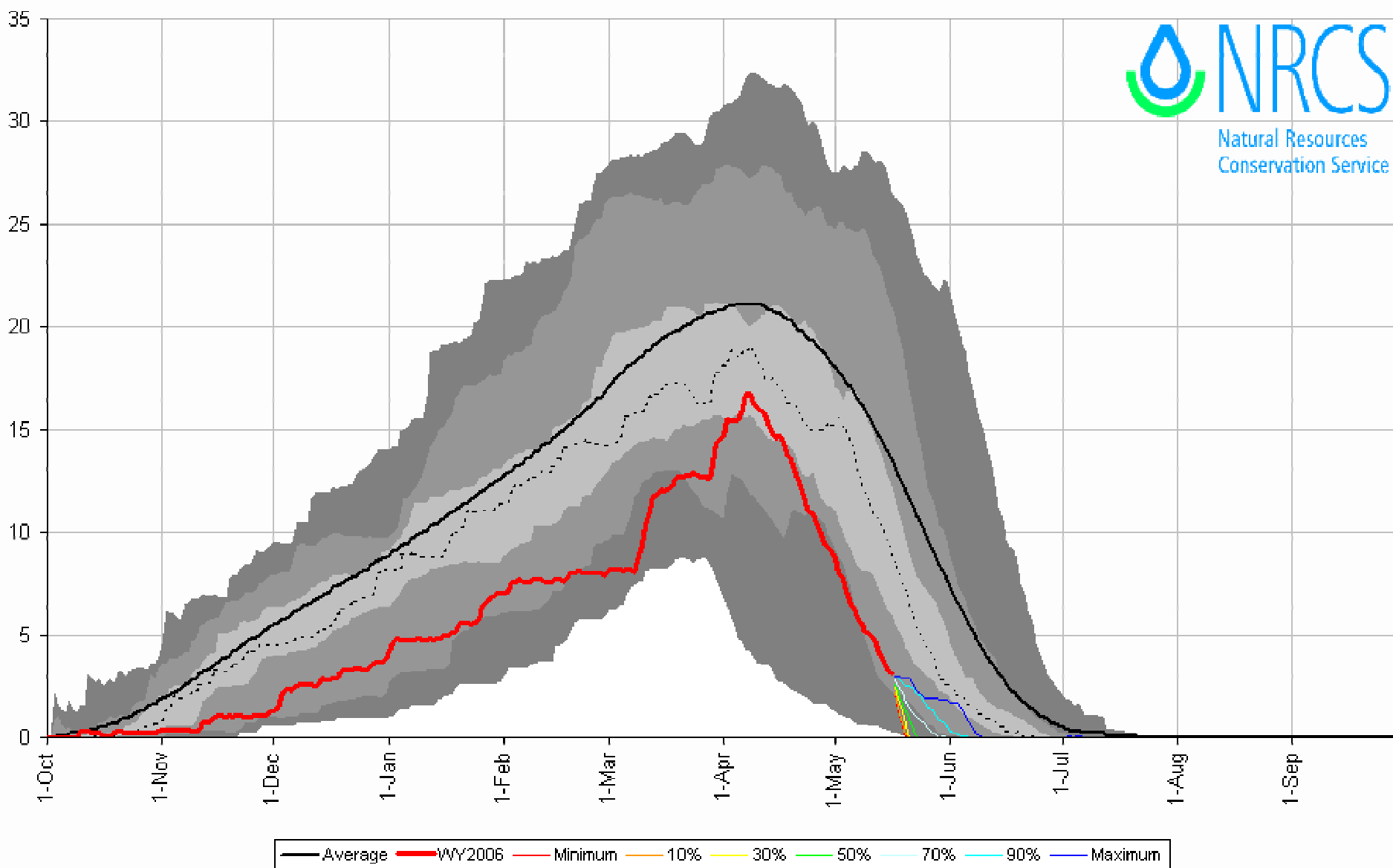


San Miguel, Dolores, Animas and San Juan River Basins



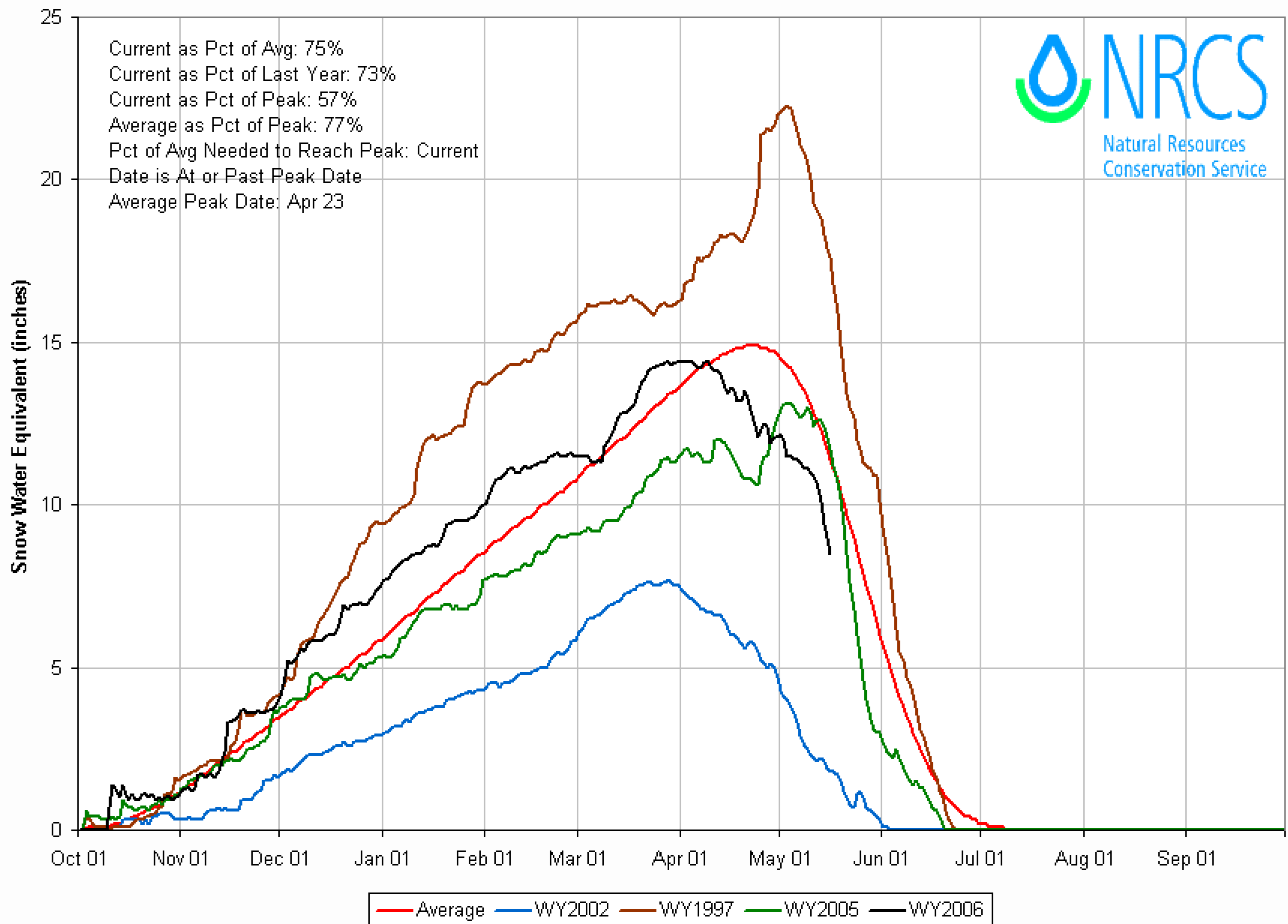
San Miguel, Dolores, Animas & San Juan River Basins with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of May 16, 2006

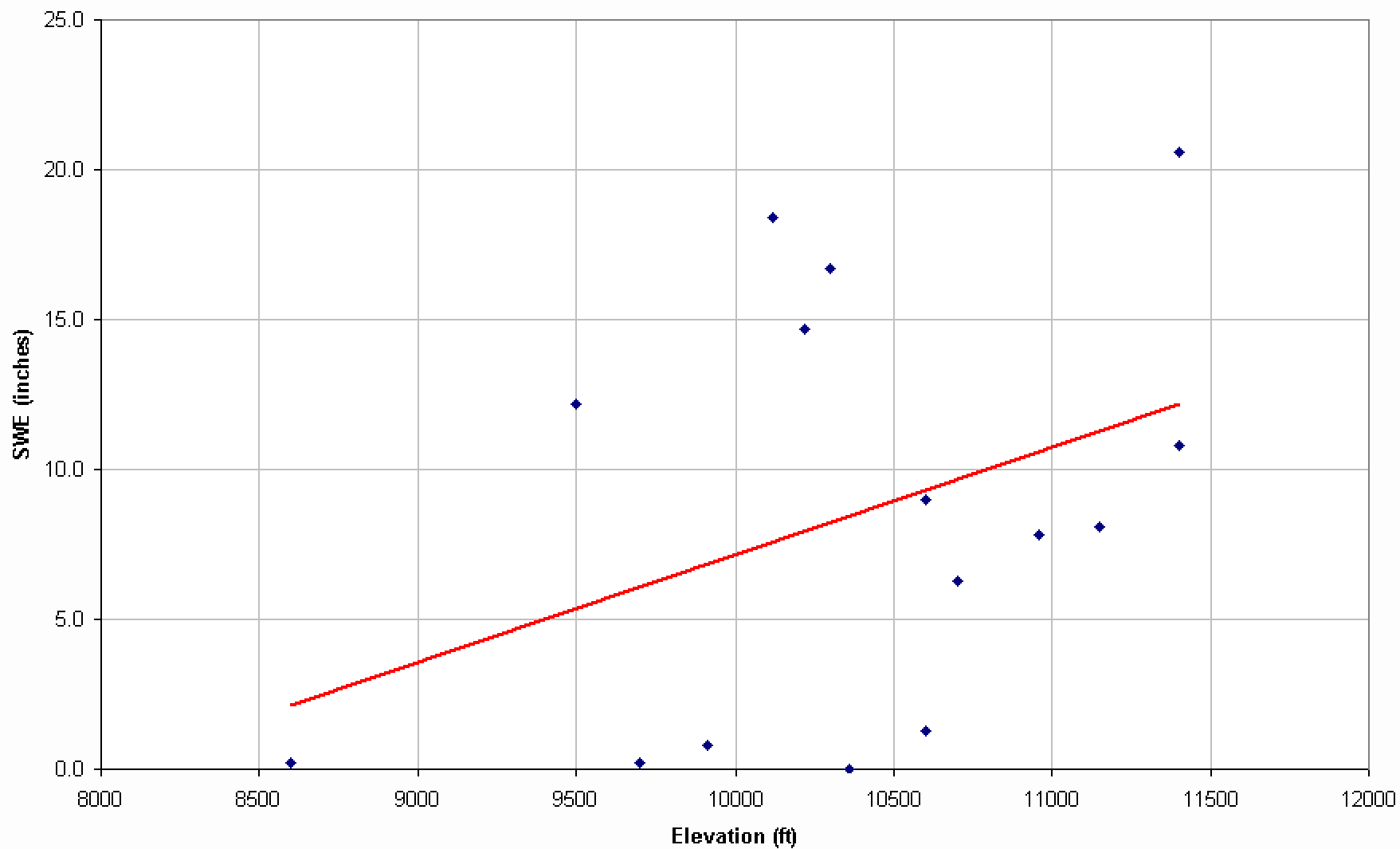


South Platte River Basin High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

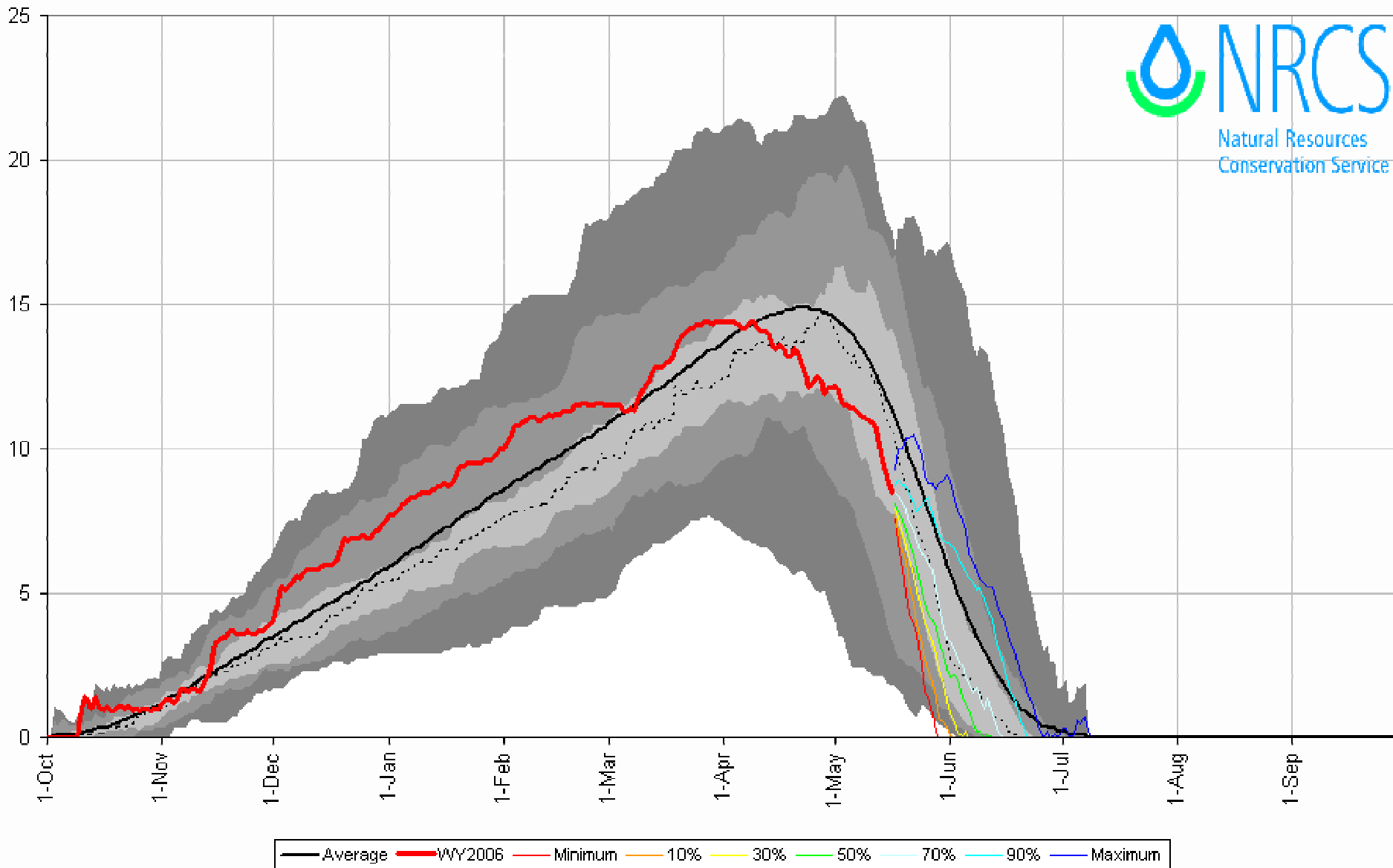


South Platte River Basin



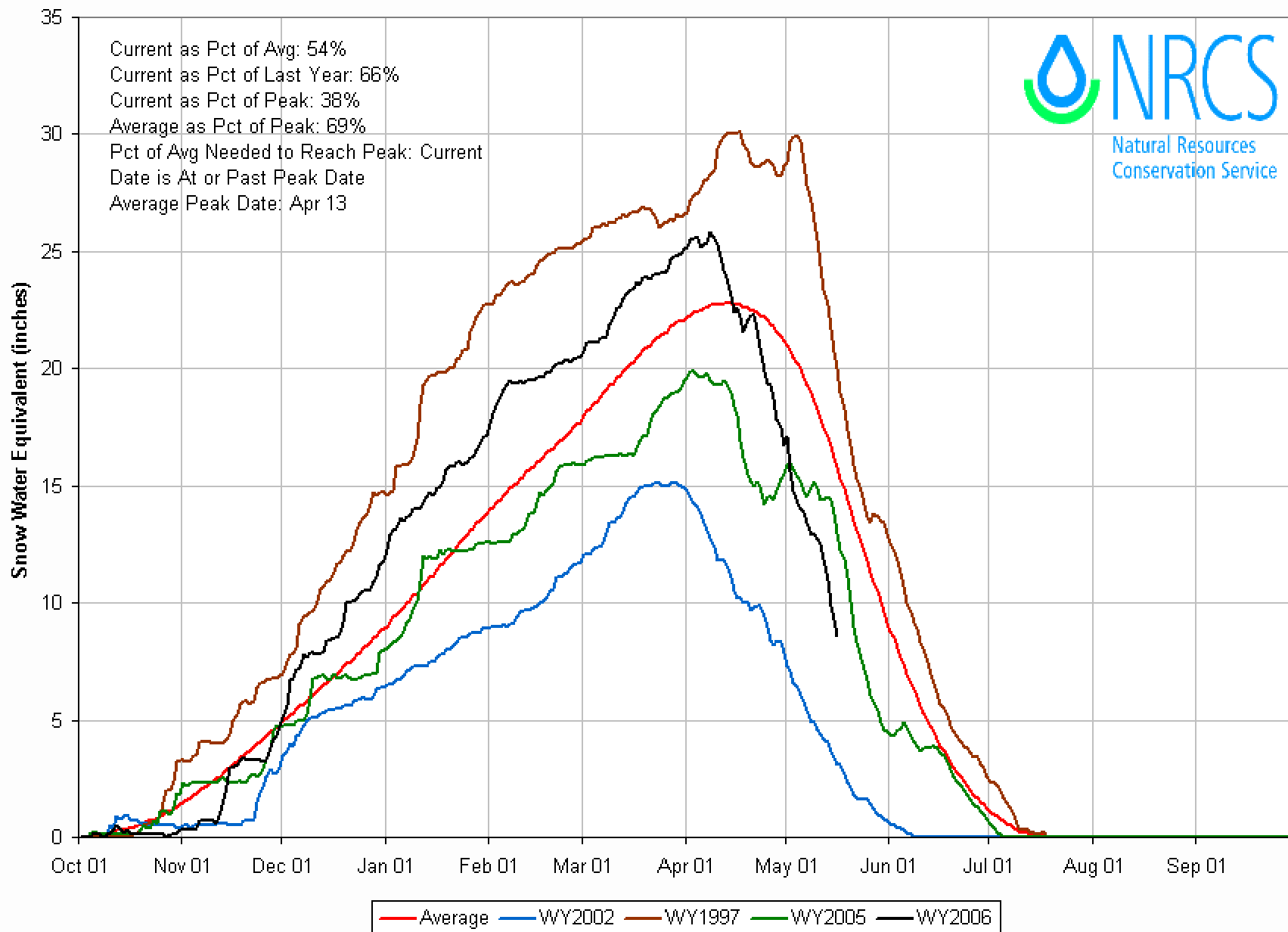
Based on Provisional SNOTEL Data as of May 16, 2006

Based on Provisional SNOTEL Data as of May 16, 2006

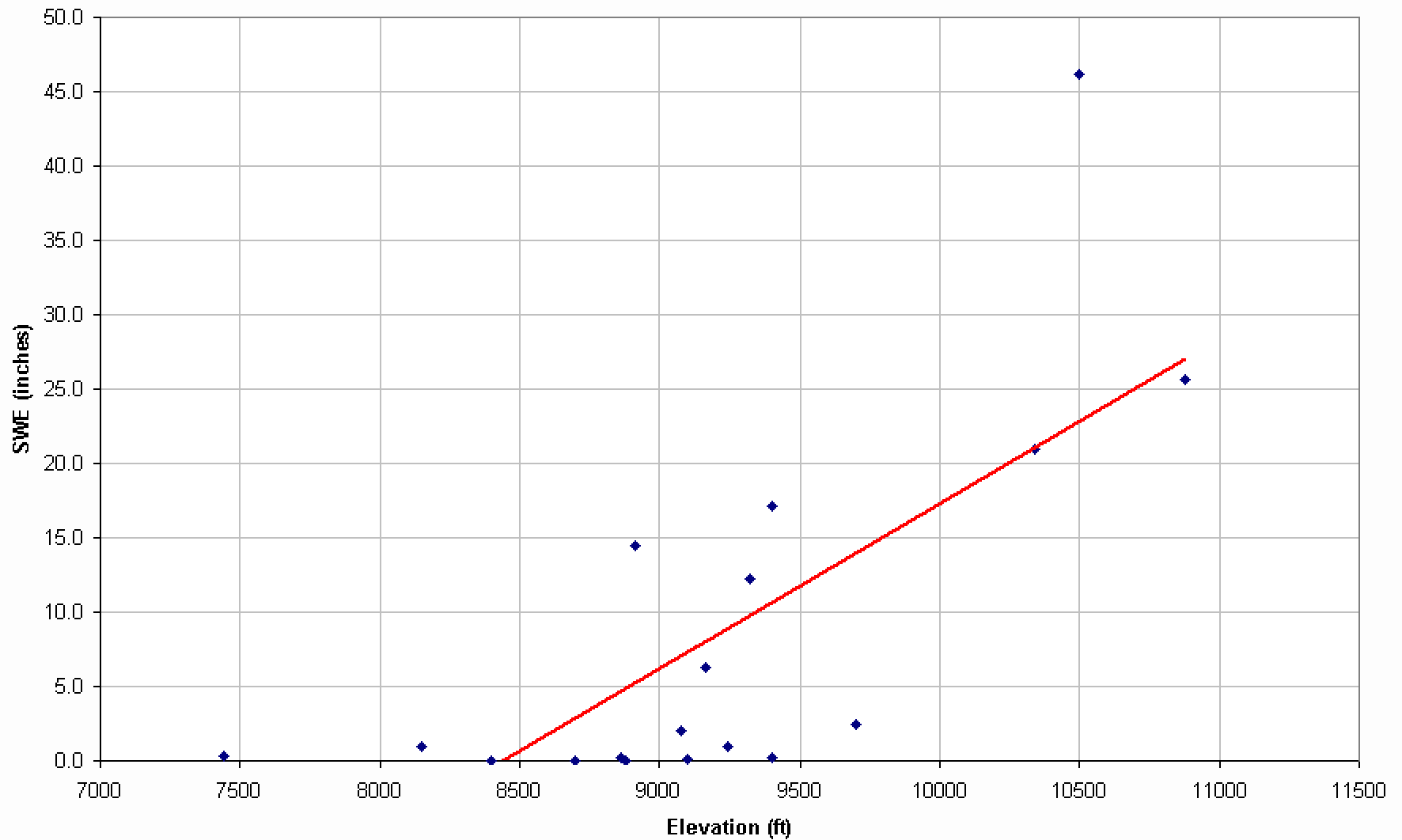


Yampa and White River Basins High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

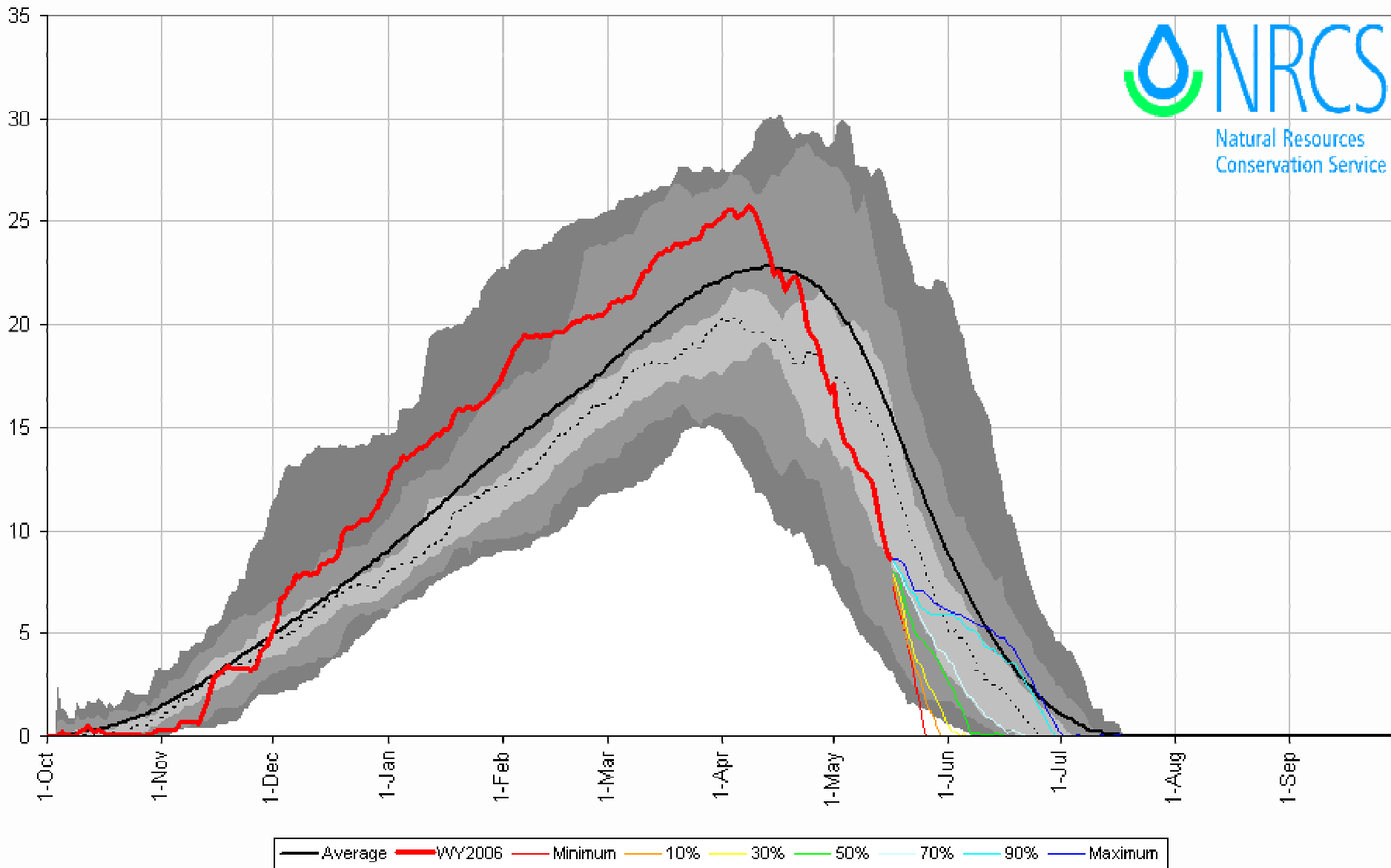


Yampa, White & North Platte River Basins



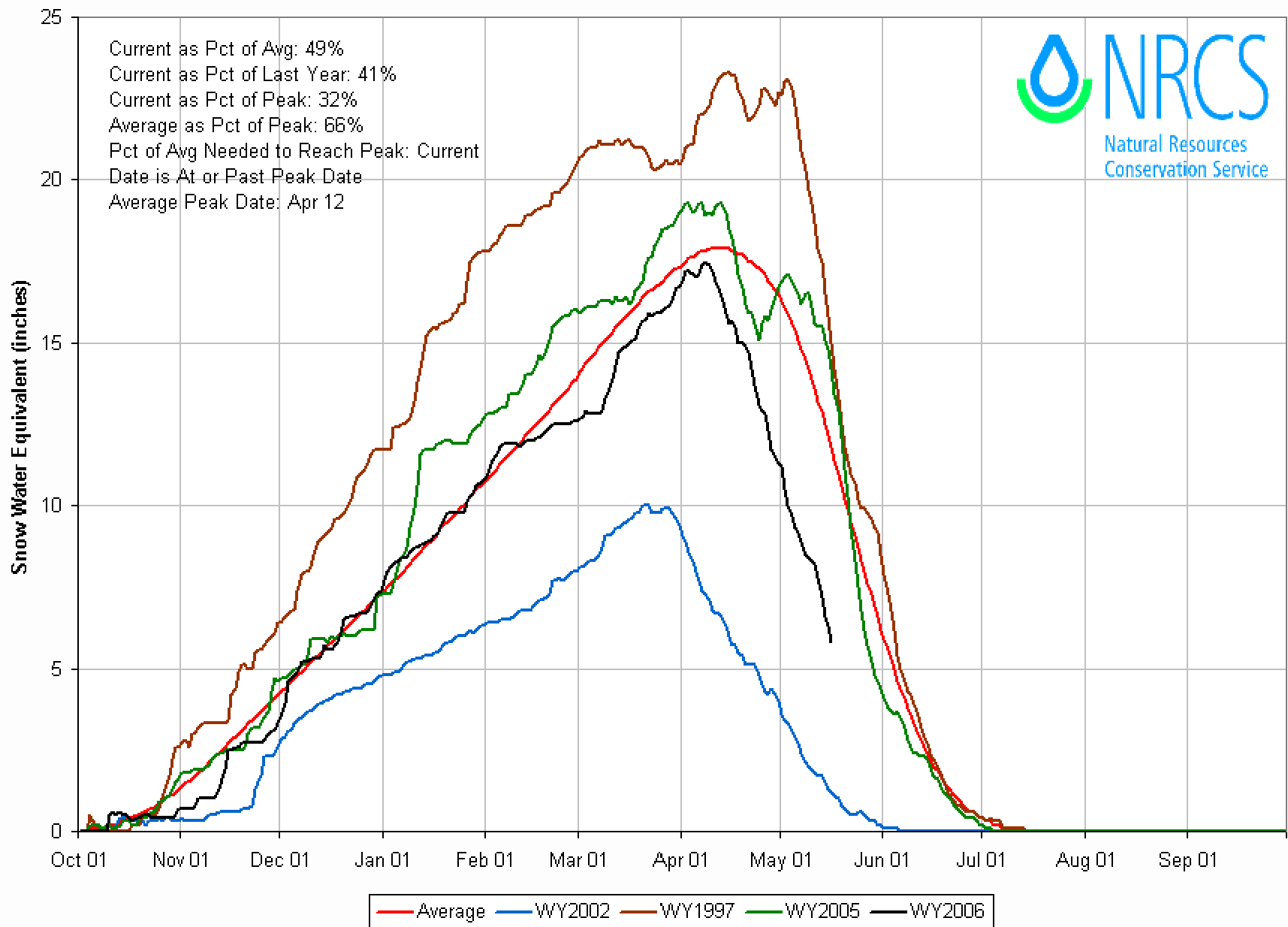
Based on Provisional SNOTEL Data as of May 16, 2006

Based on Provisional SNOTEL Data as of May 16, 2006

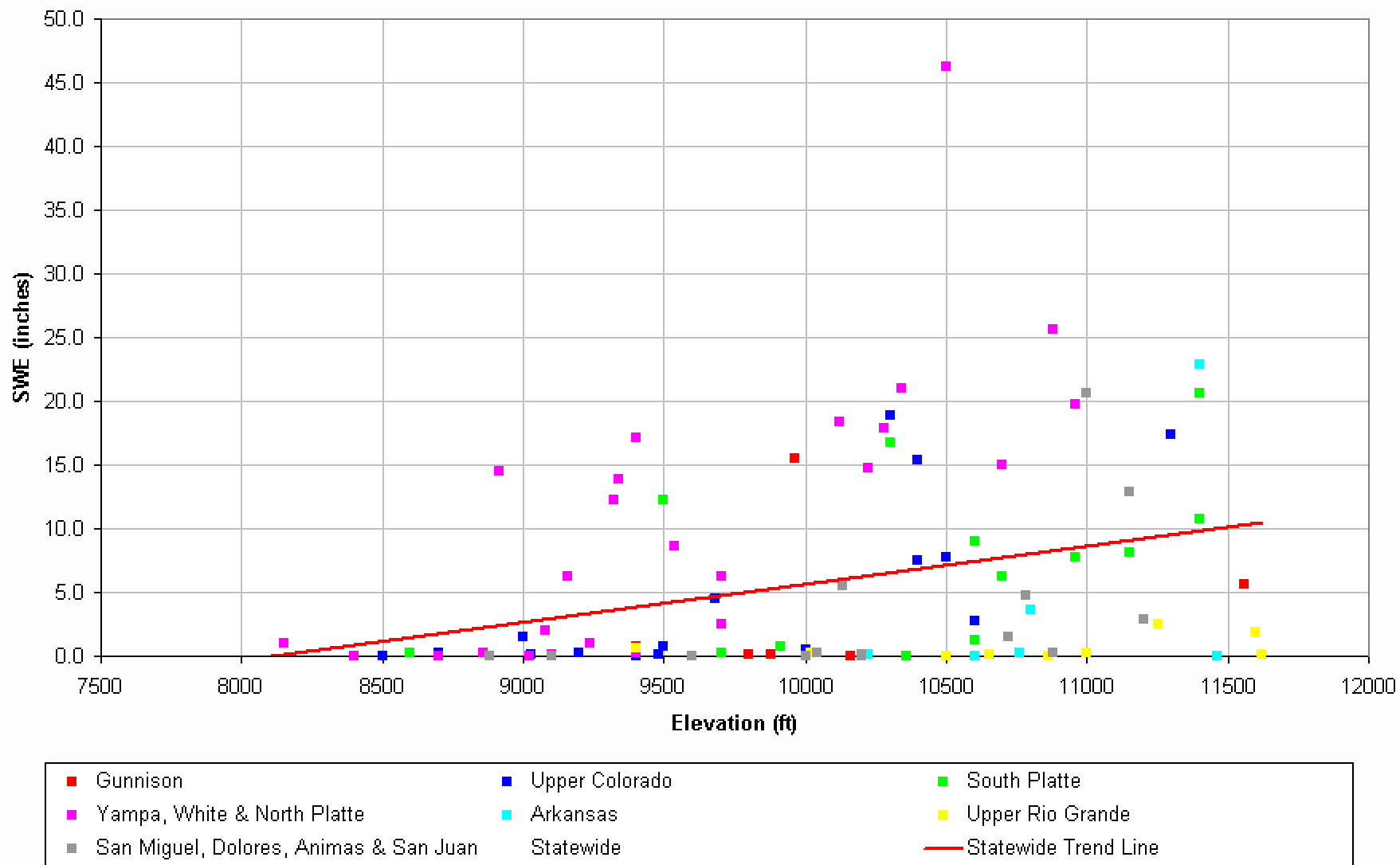


Colorado Statewide High/Low Snowpack Summary

Based on Provisional SNOTEL data as of May 16, 2006

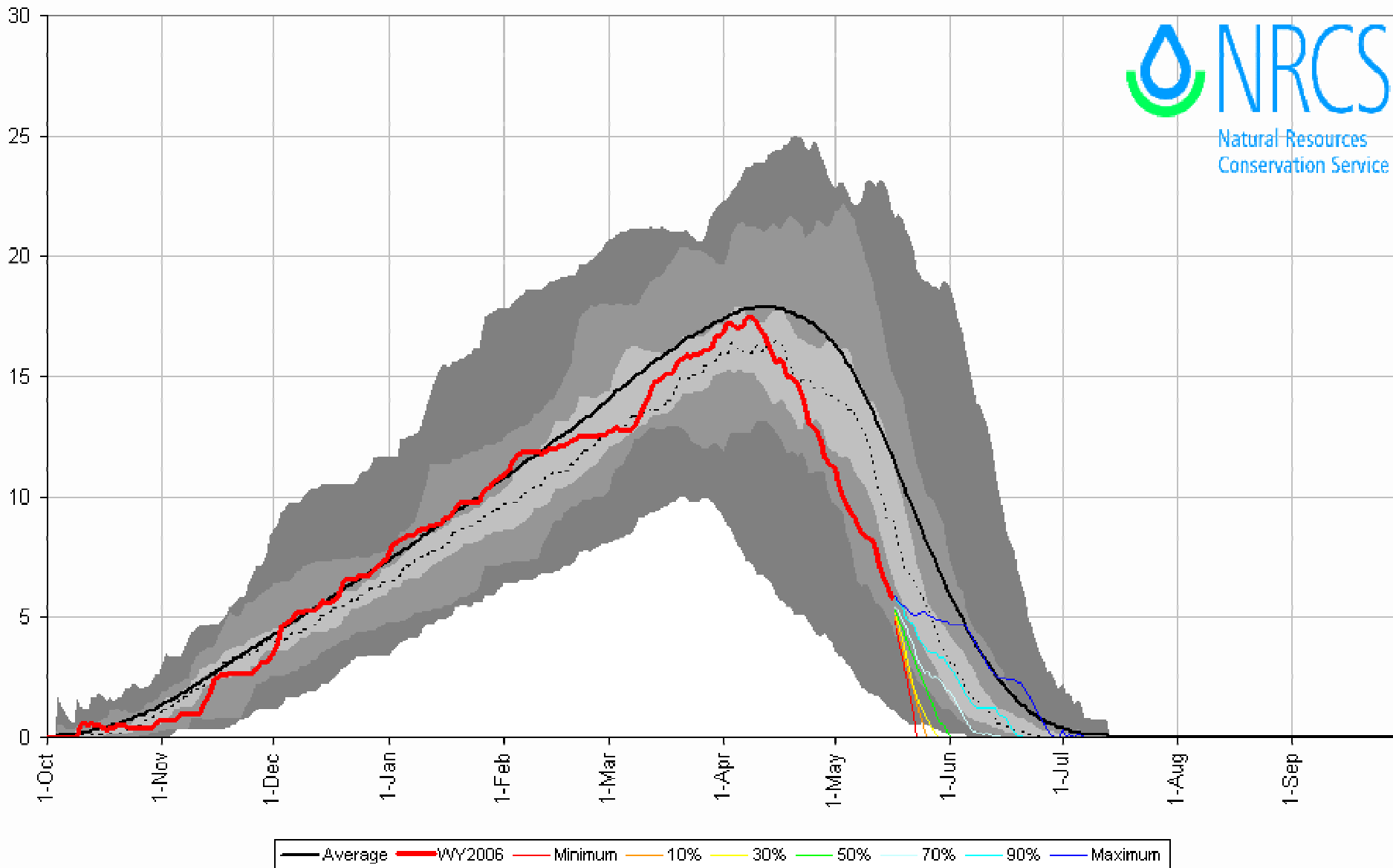


Colorado Statewide



Colorado State-Wide with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of May 16, 2006

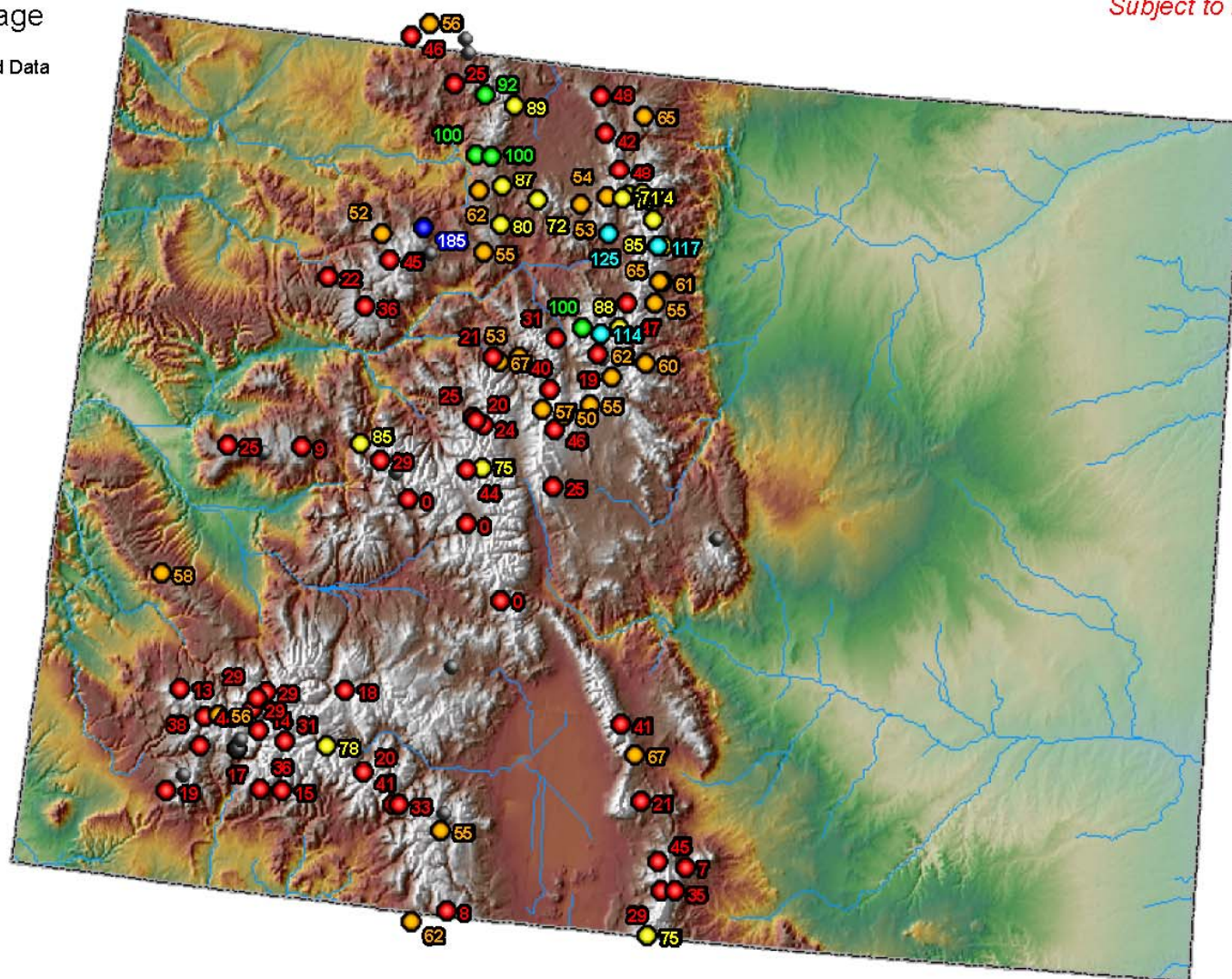


Colorado SNOTEL Month-to-Date Precipitation

Legend
Percent of Average

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

*Provisional Data
Subject to Revision*



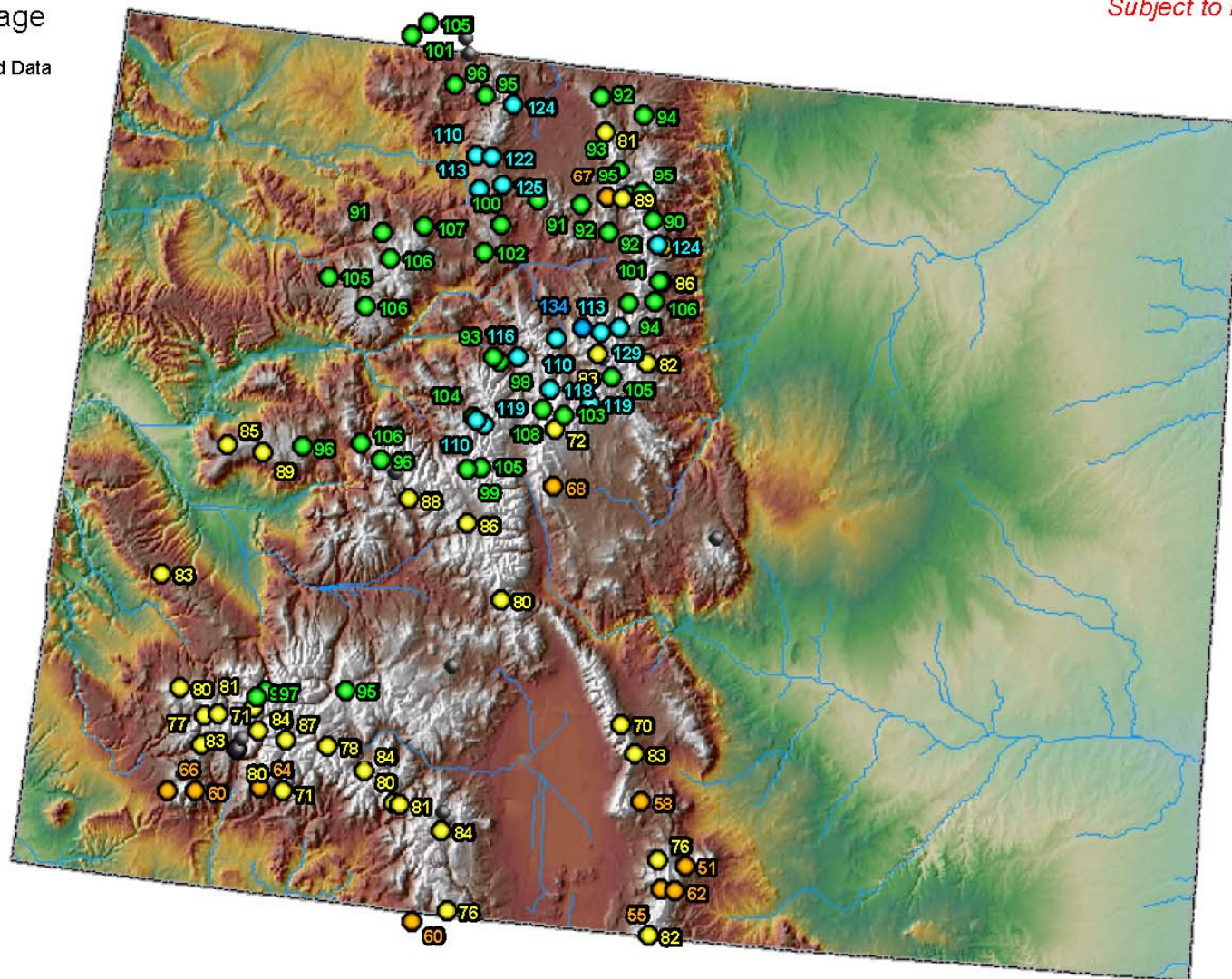
Current as of May 16, 2006

Colorado SNOTEL Year-to-Date Precipitation

Legend
Percent of Average

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

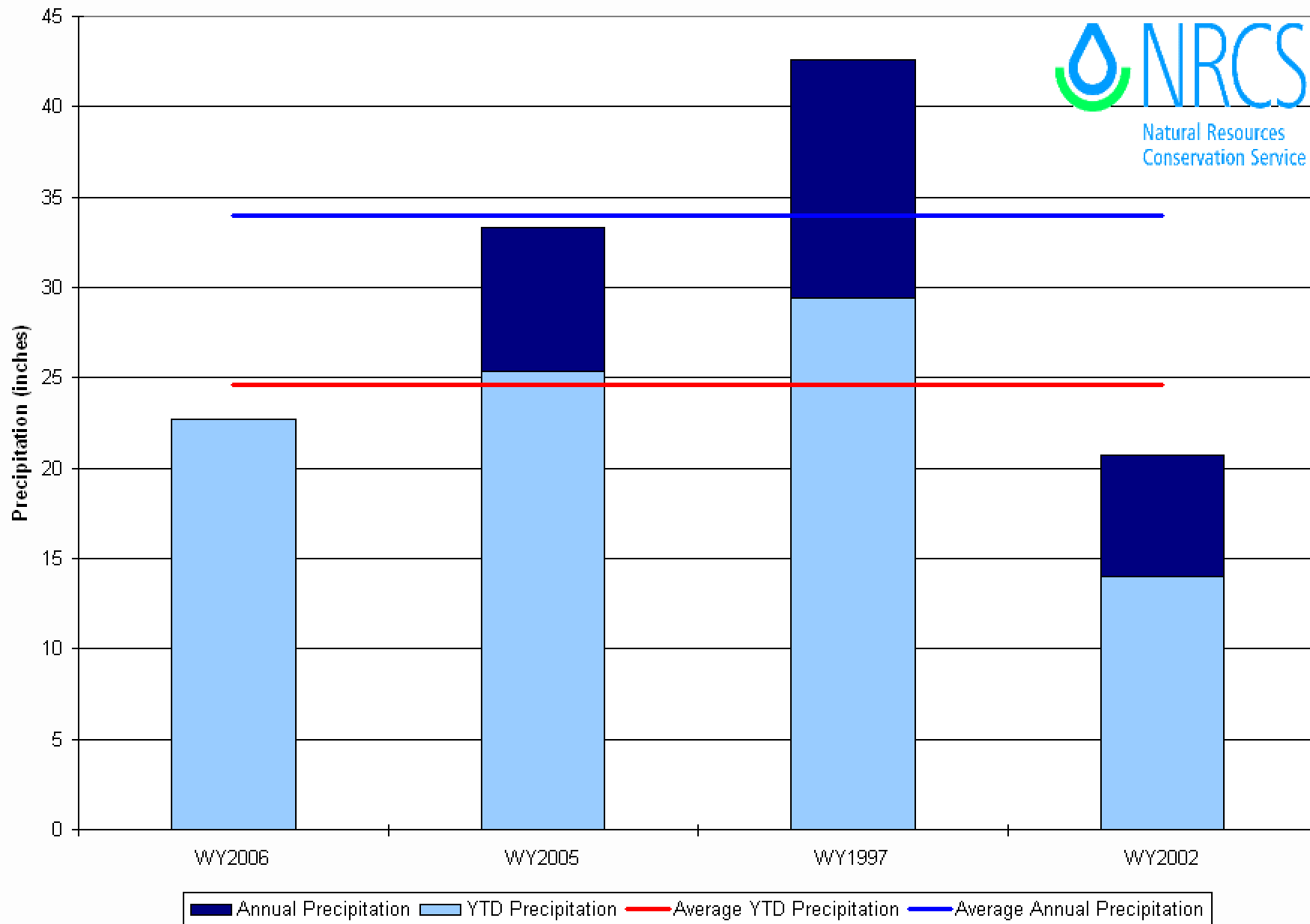
*Provisional Data
Subject to Revision*



Current as of May 16, 2006

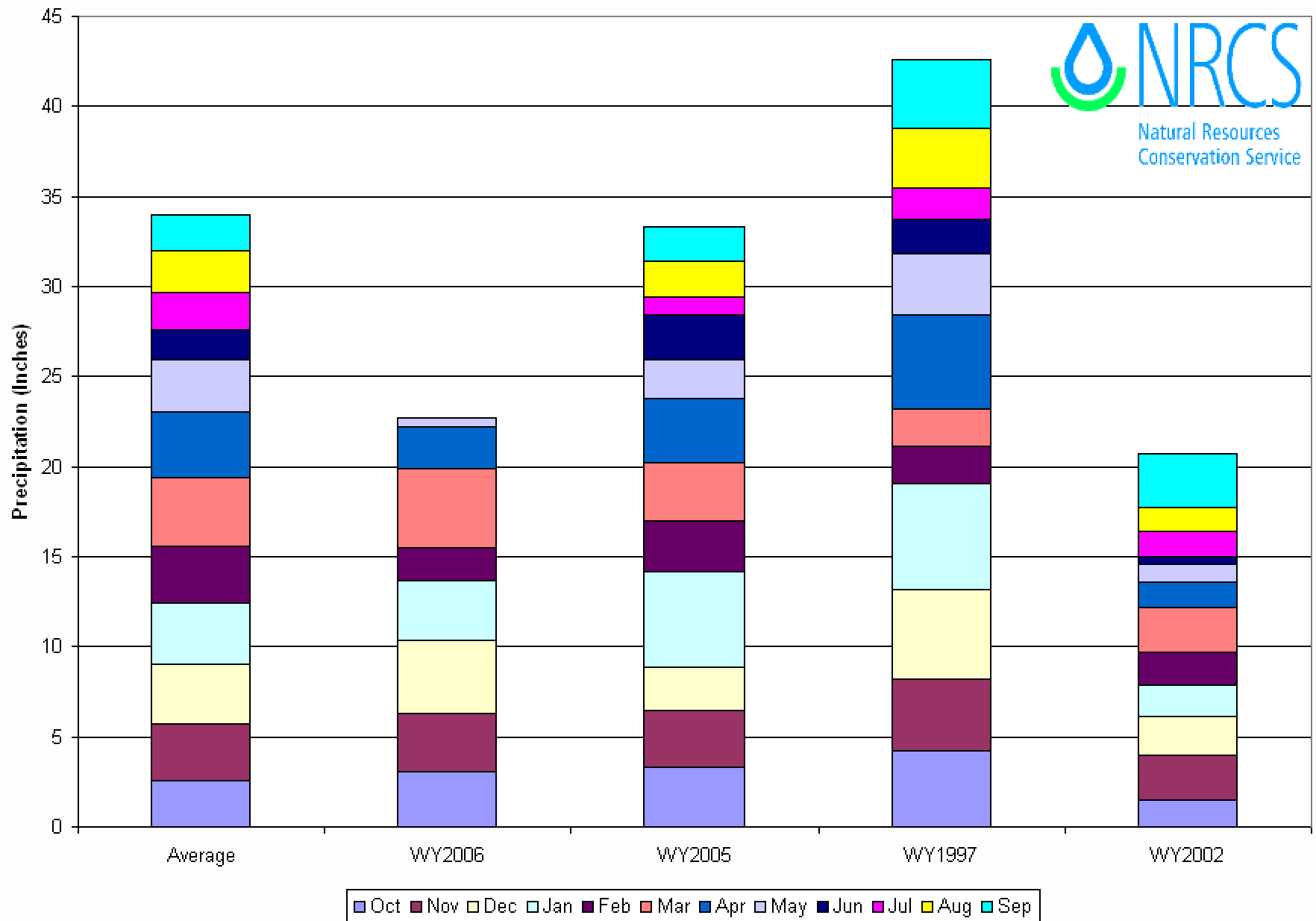
Colorado Statewide High/Low Annual Precipitation Summary

Based on Provisional SNOTEL data as of May 16, 2006



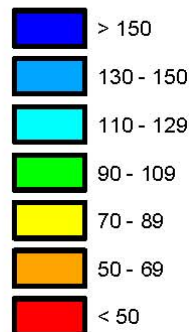
Colorado Statewide High/Low Monthly Precipitation Summary

Based on Provisional SNOTEL data as of May 16, 2006

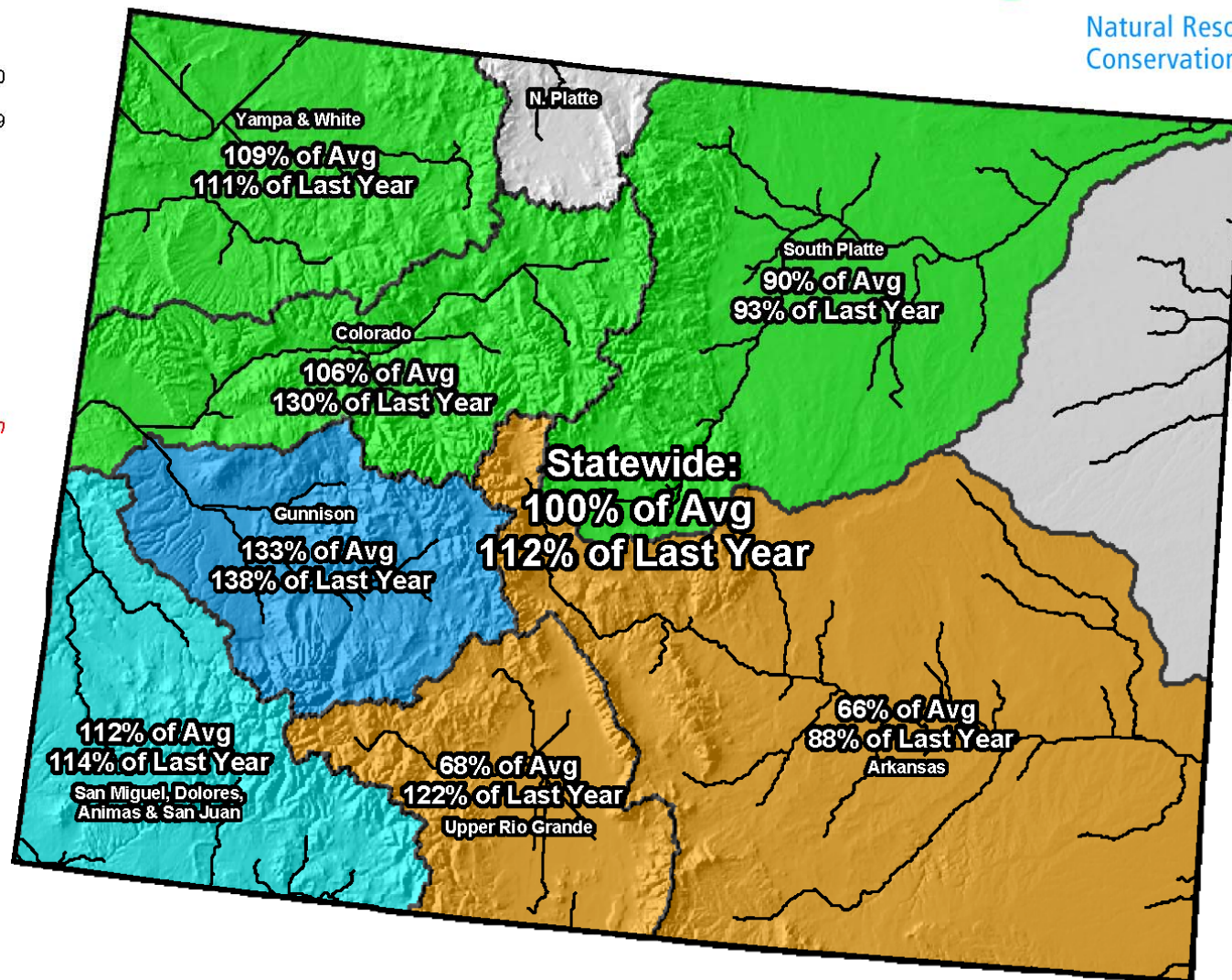


Colorado Reservoir Storage Map

Percent of Average

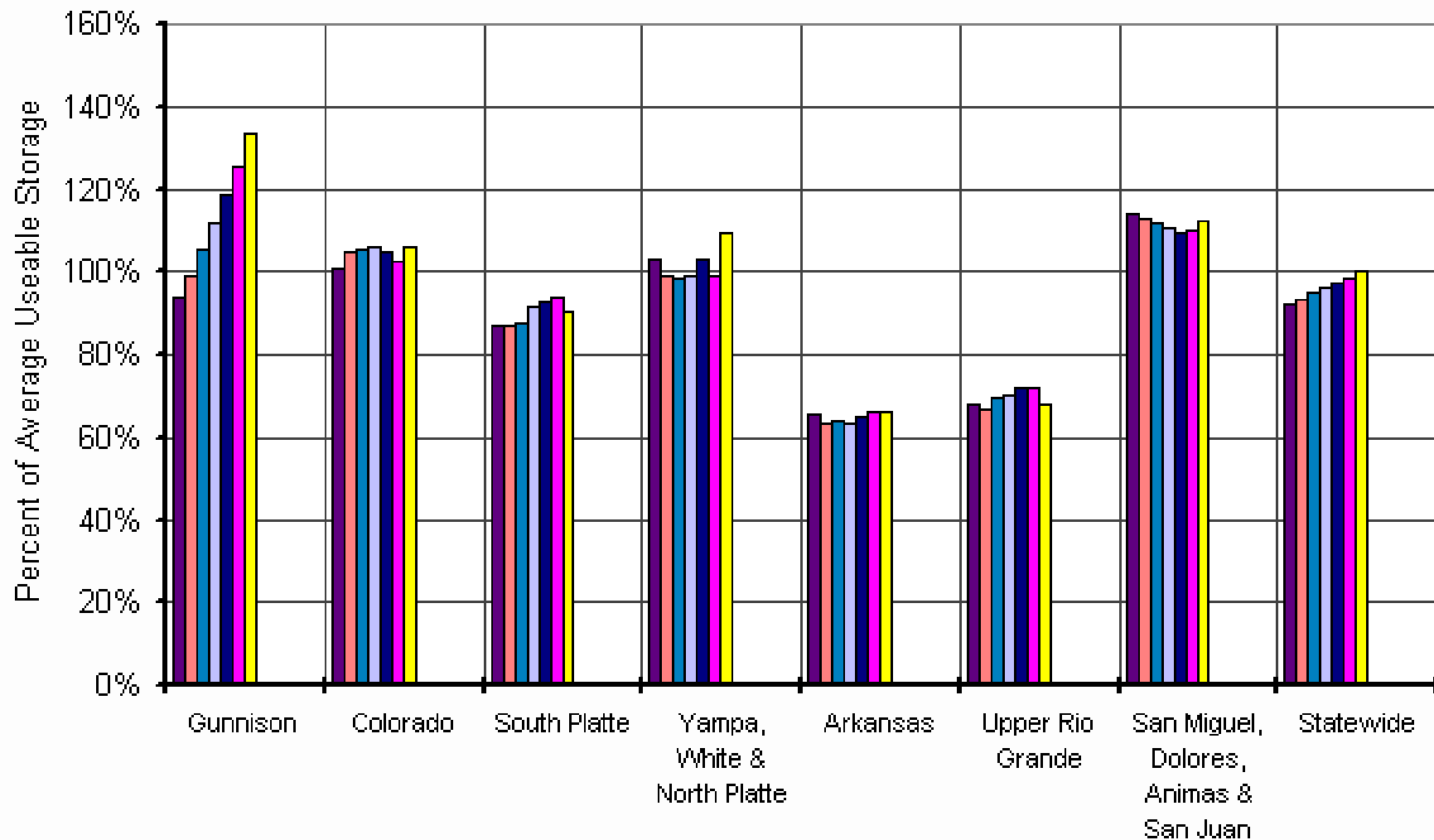


*Provisional Data
Subject to Revision*



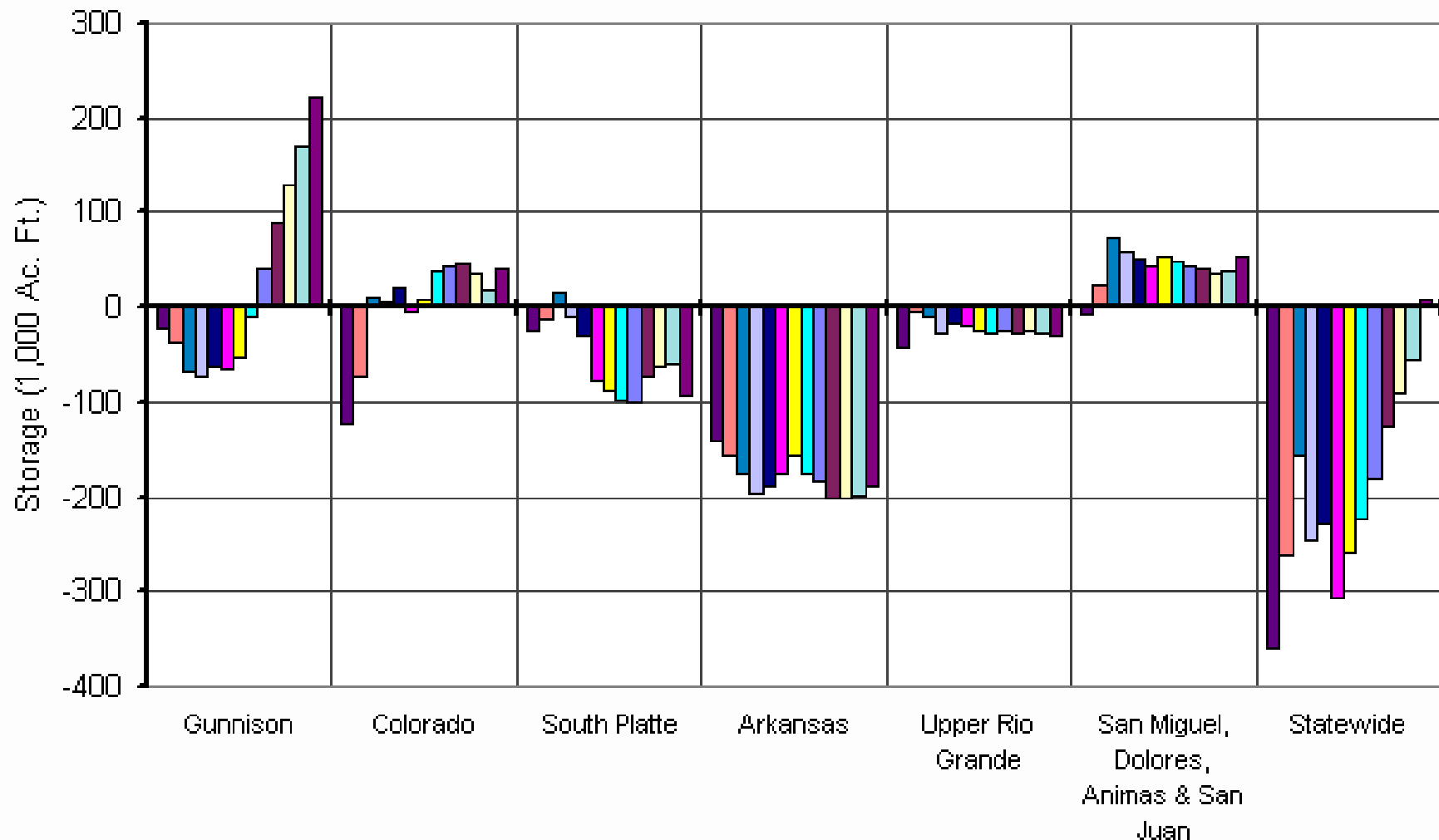
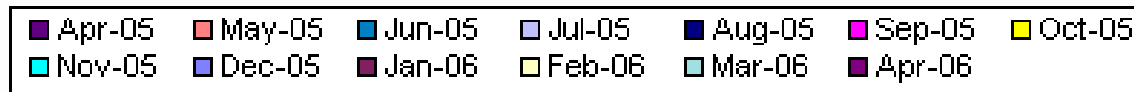
End of April 2006

COLORADO RESERVOIR STORAGE



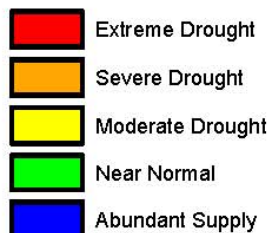
COLORADO RESERVOIR STORAGE

End-of-Month Departure from Average

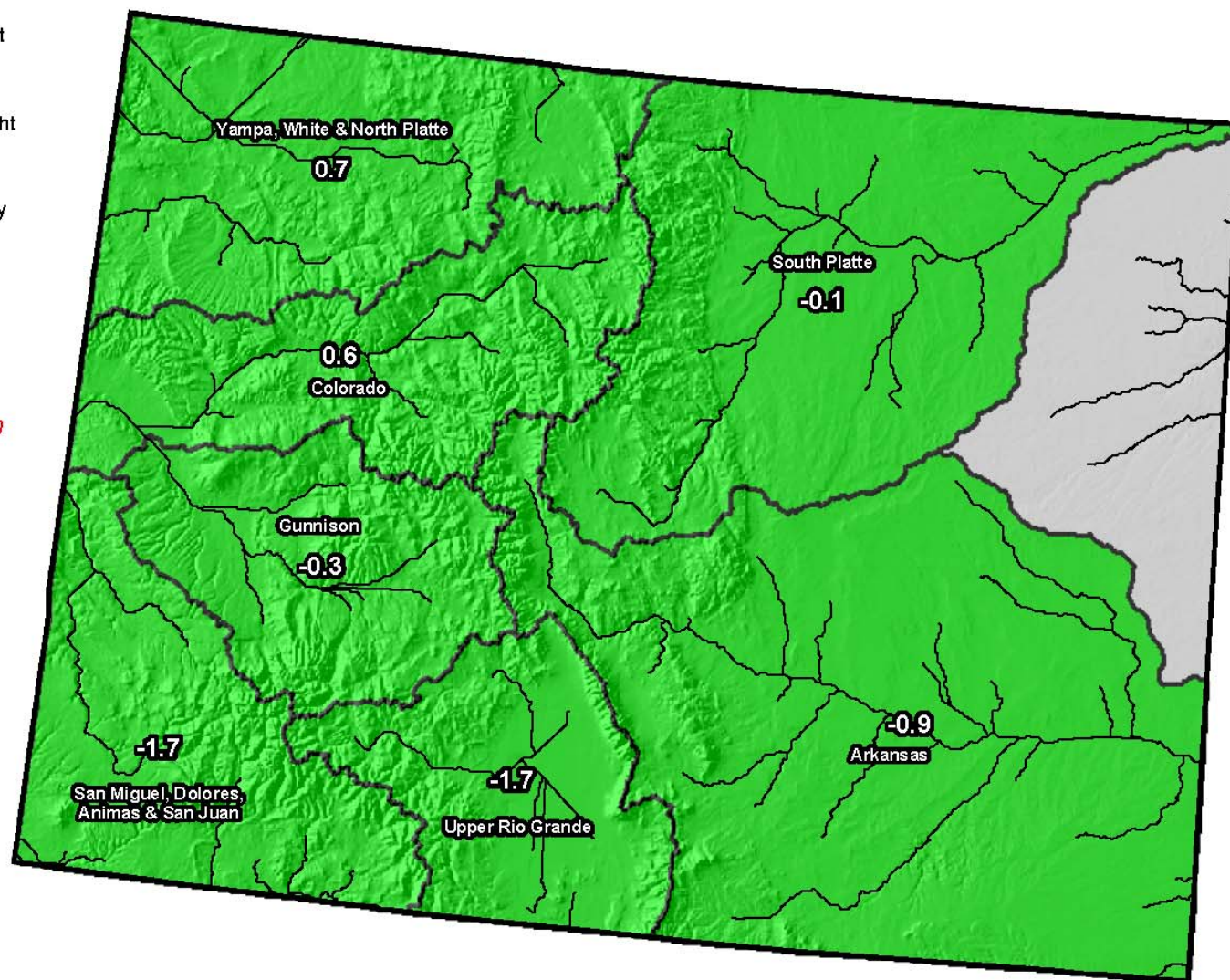


Colorado Surface Water Supply Index (SWSI) Map

Legend



*Provisional Data
Subject to Revision*



Current as of May 1, 2006

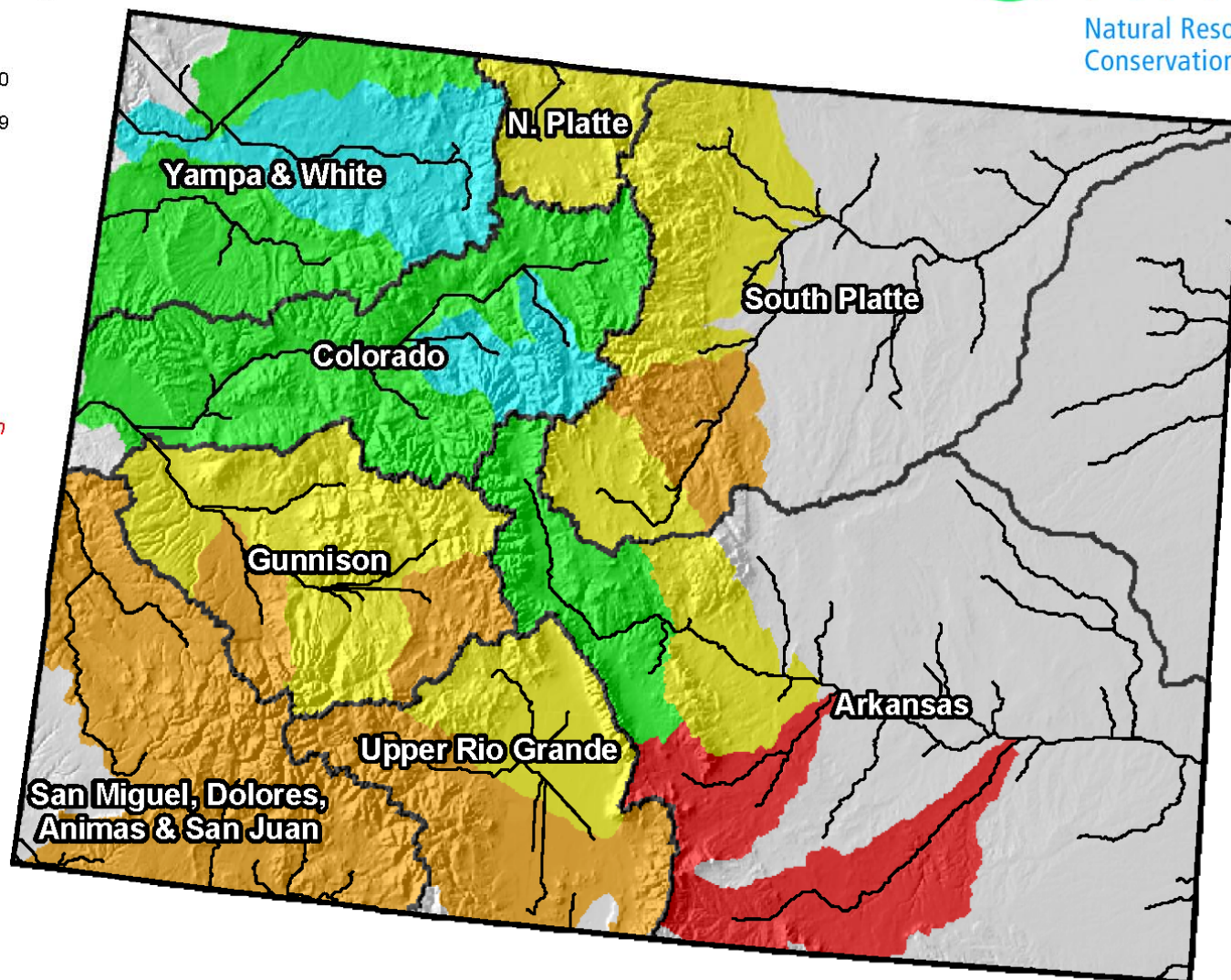
Colorado Streamflow Forecast Map



Percent of Average



*Provisional Data
Subject to Revision*



Current as of May 1, 2006