

Denver Water Operations Update

May 13, 2009



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State-of-the-River Meeting

Frisco

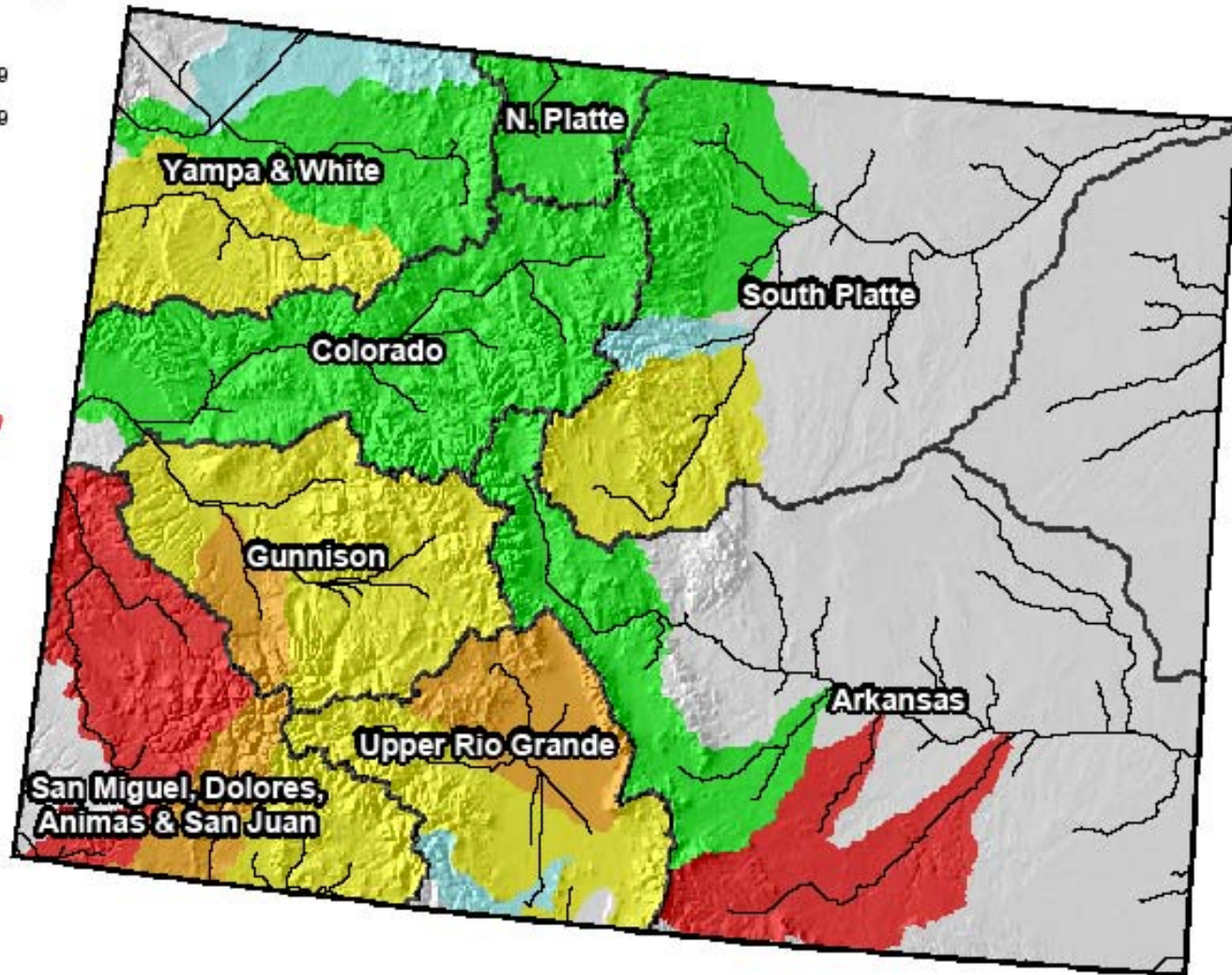


Colorado Snowpack Map

Percent of Average



*Provisional Data
Subject to Revision*



Current as of May 1, 2009

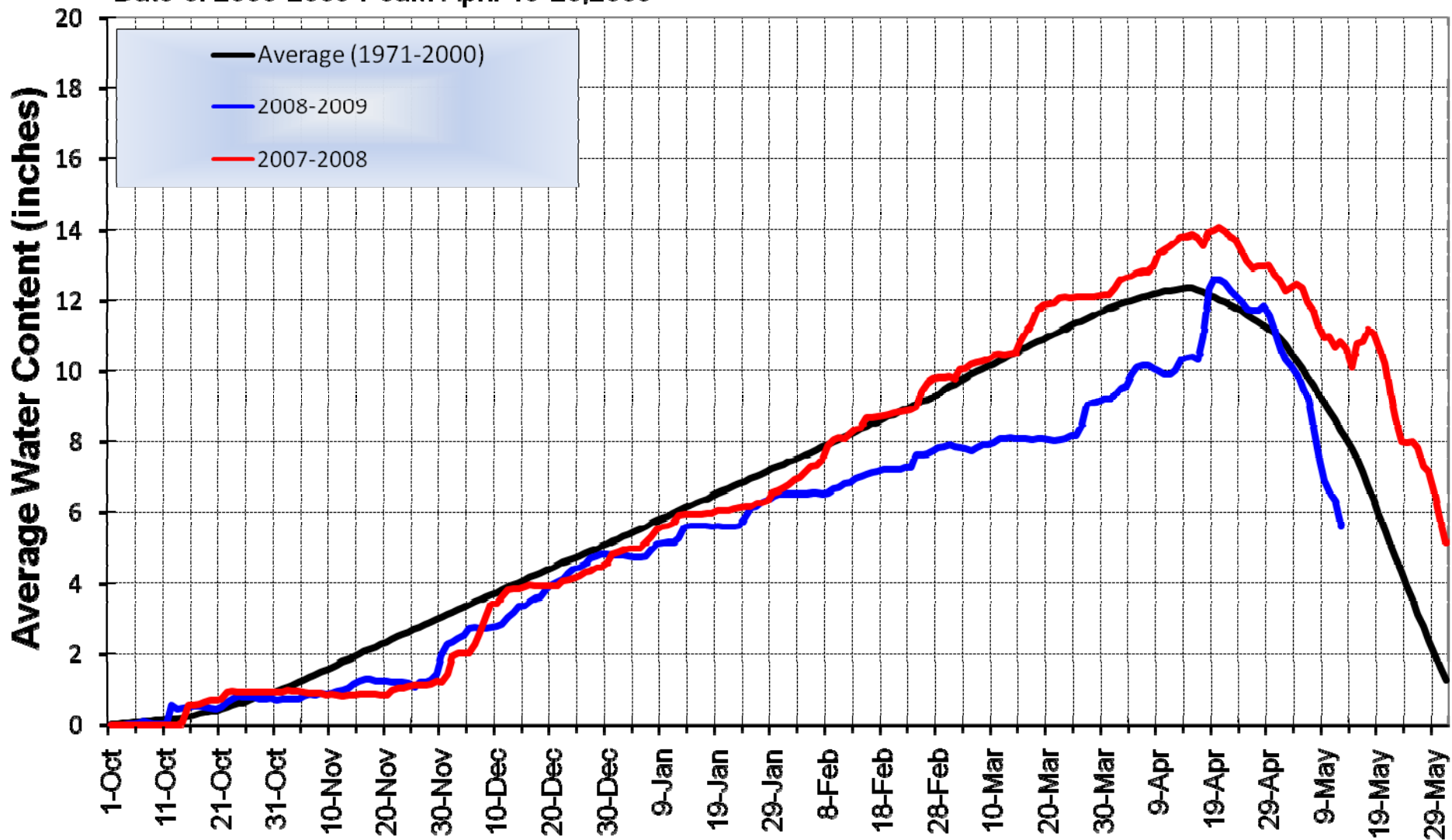
Snowpack - South Platte Watershed (liquid water content)

Date: 5/12/2009

Today % of Average: 74%

2008-2009 Peak: 102% of Average

Date of 2008-2009 Peak: April 19-20, 2009



Data are from the 7 Snotel stations above Denver Water's
Upper South Platte diversion facilities.

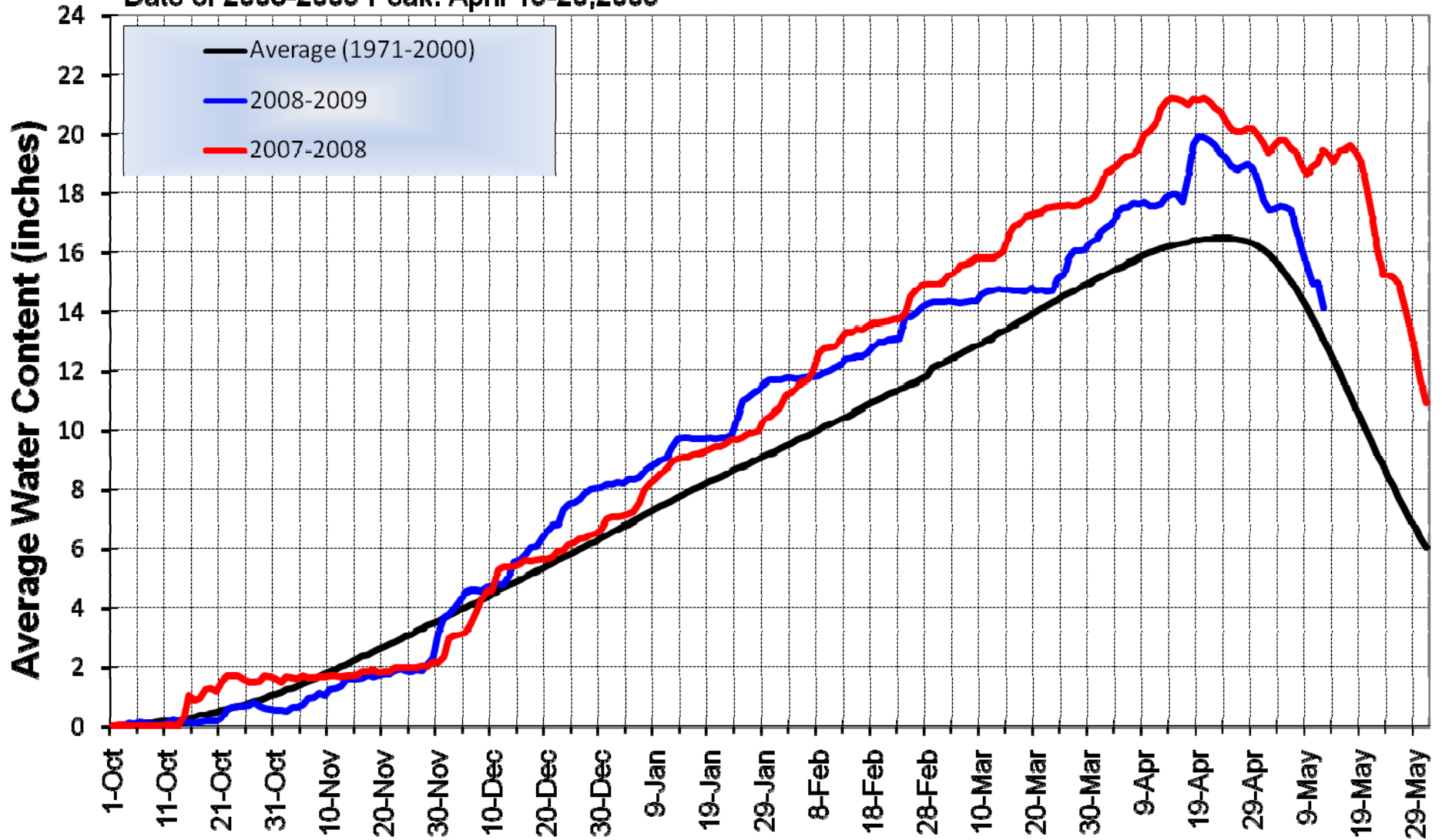
Snowpack - Colorado River Watershed (liquid water content)

Date: 5/12/2009

Today % of Average: 111%

2008-2009 Peak: 121% of Average

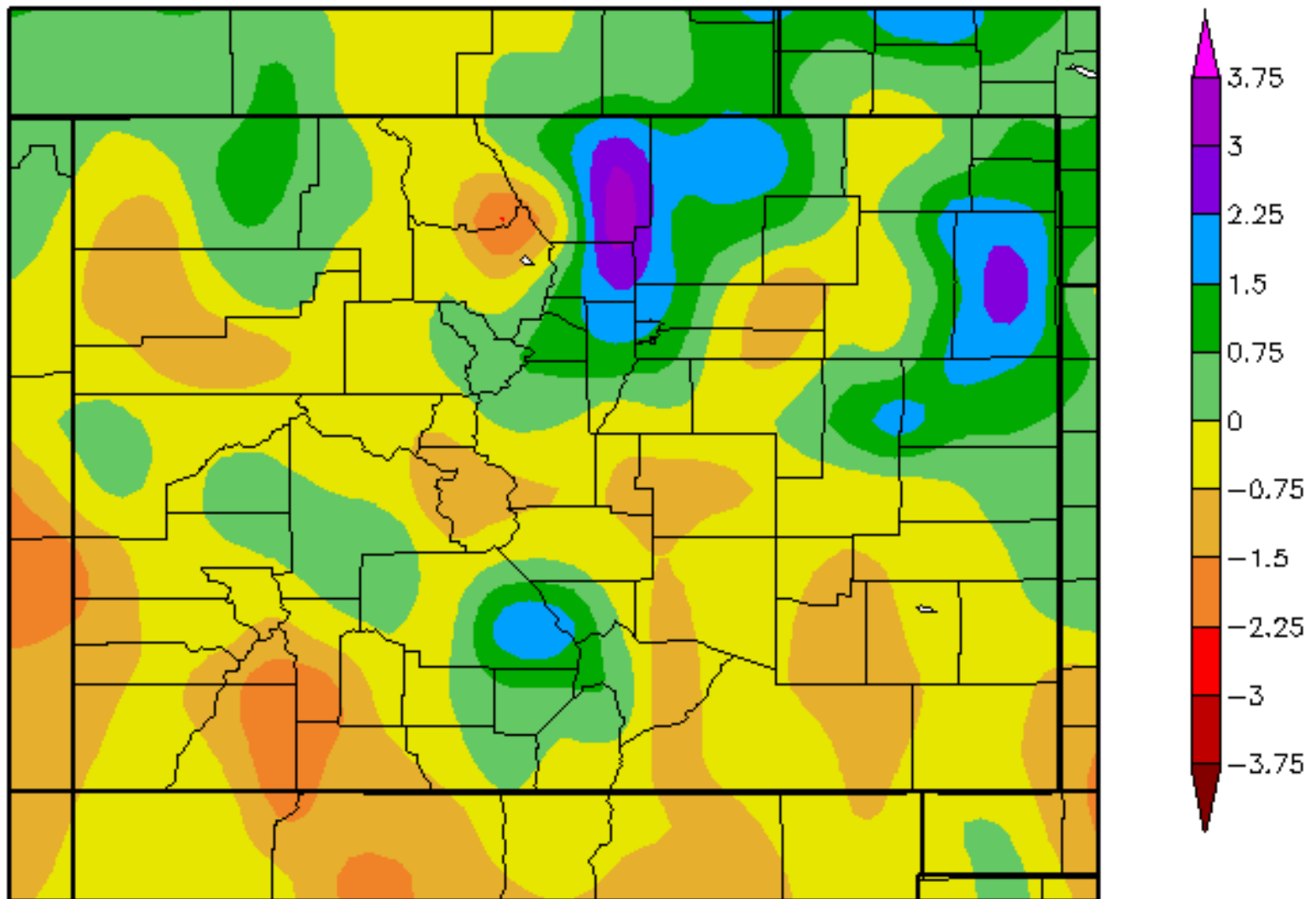
Date of 2008-2009 Peak: April 19-20, 2009



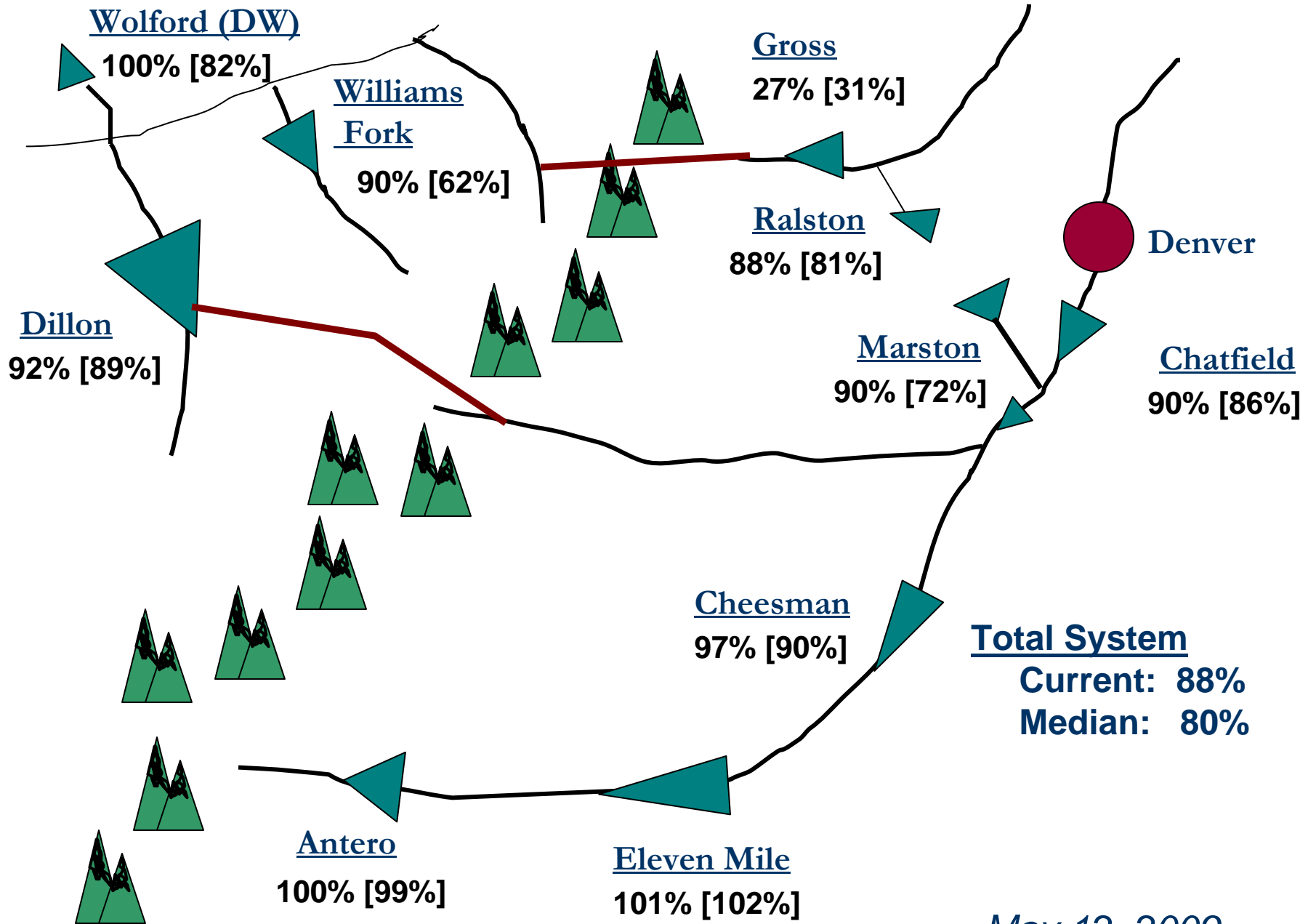
Data are from the 8 Snotel stations above Denver Water's
Upper Colorado diversion facilities.

Departure from Normal Precipitation (in)

3/13/2009 – 5/11/2009



Denver Water Reservoirs (Current % Full) [Median]



May 12, 2009

Dillon Reservoir Objectives

Use

- Water Supply
- Reduce Flood Risk
- Reservoir Boating
- Rafting & Kayaking
- Trout Fishing
- Endangered Fish

Fill Timing

- Early
- Late
- Early
- Early
- Late
- Early

The “Plan”

Unless forecasted inflows decline, begin staging up the outflow next week or the week after to decrease (but not eliminate) the risk of flooding below the dam. 500 cfs?

Continue monitoring conditions. Adjust outflow up or down depending upon how the forecasted inflows and expected Roberts Tunnel deliveries change.

Regardless of how we operate, I expect the reservoir to begin spilling in the late May to mid June timeframe.

From Memorial Day through Labor Day, I expect 4 – 7 weeks of good rafting (more than 500 cfs) and 8 – 11 weeks of good fishing (less than 500 cfs)

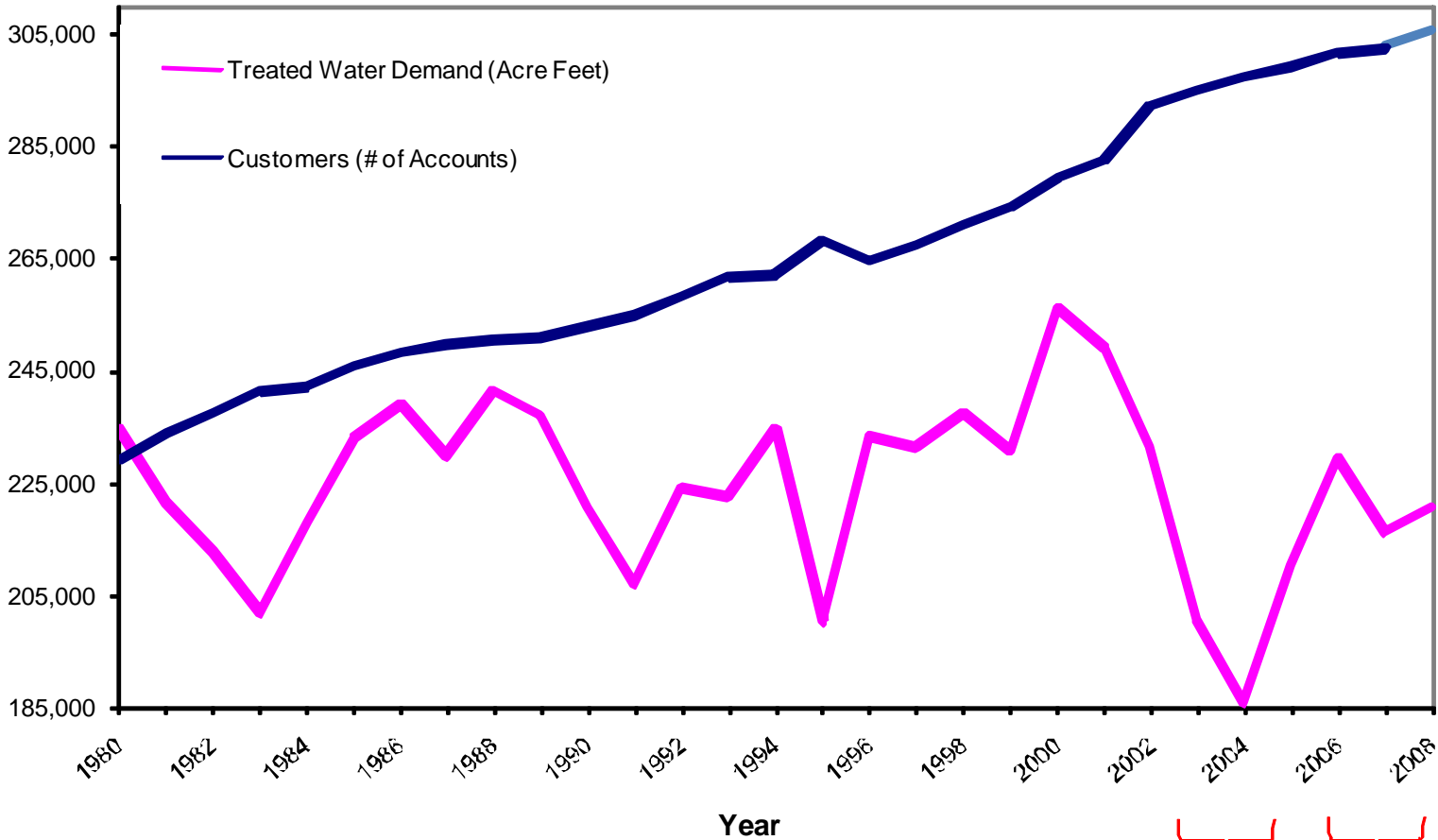
Water Conservation



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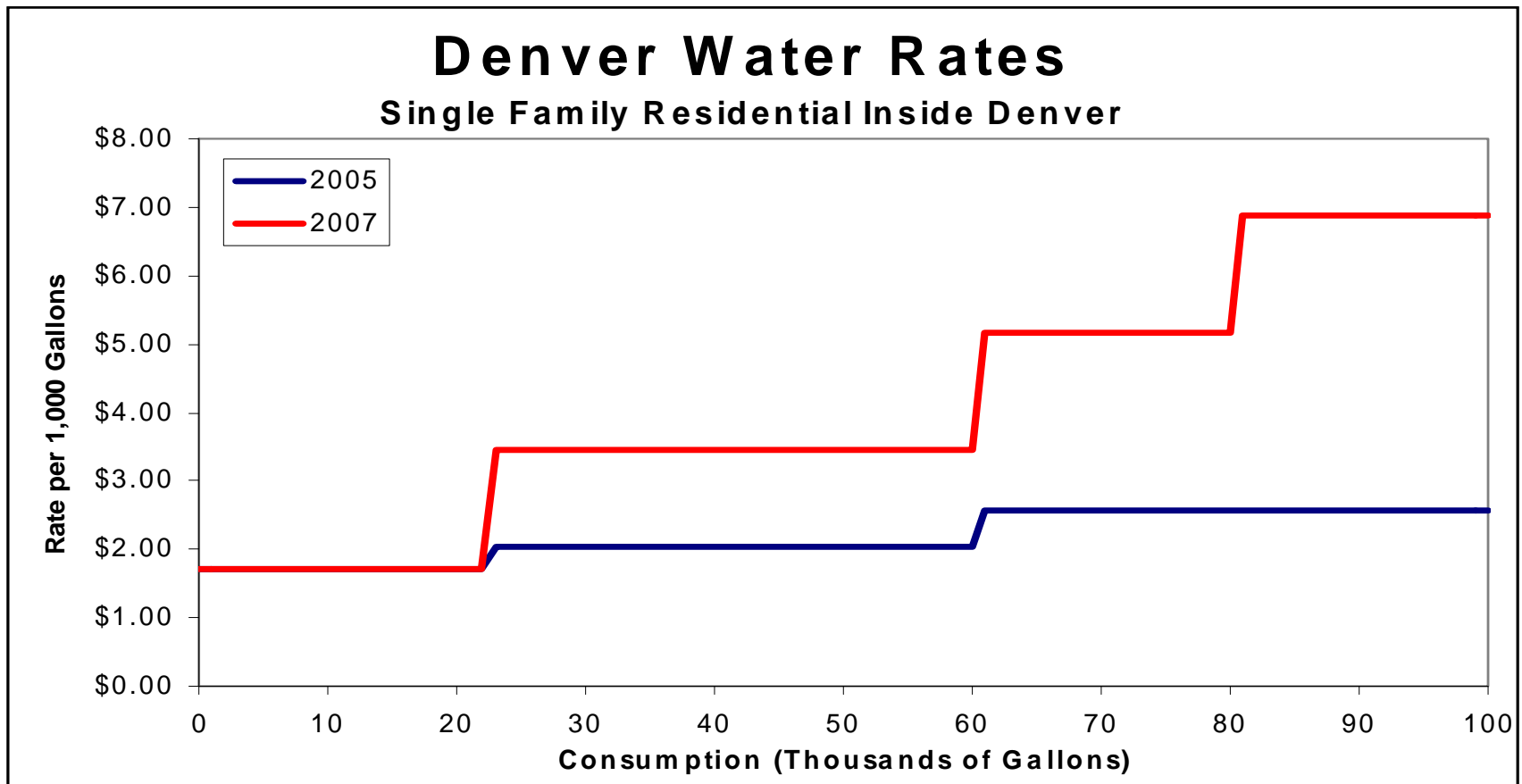
Annual Treated Water Demand and Customer Growth



*Demand since drought restrictions ended in 2004 has stayed below pre-drought levels. It is not yet known whether these savings are permanent or only temporary. Denver Water's new Tap-Smart conservation plan is designed to make these savings permanent.

Drought (2002-2004) *Drought Shadow/ Conservation (2005-2008)

Use More, Pay More



Questions?



Backup Slides

Denver Board of Water Commissioners Water Collection System

